

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115898.D
 Acq On : 1 Aug 2019 10:56
 Operator : HP/JU
 Sample : PB121853BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 13:44:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	131239	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	545994	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	301242	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	561717	20.00	ng	0.00
76) Chrysene-d12	14.03	240	421613	20.00	ng	0.00
87) Perylene-d12	15.50	264	379118	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	916454	116.90	ng	0.02
7) Phenol-d6	6.50	99	1158390	117.12	ng	0.01
23) Nitrobenzene-d5	7.42	82	769126	81.31	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	357814	122.51	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1354188	84.20	ng	0.00
79) Terphenyl-d14	12.97	244	1670583	83.49	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.68	88	155096	39.161	ng	99
3) Pyridine	3.43	79	400420	36.194	ng	99
4) n-Nitrosodimethylamine	3.38	42	180927	41.440	ng	98
6) Aniline	6.52	93	466670	32.945	ng	# 90
8) 2-Chlorophenol	6.65	128	399667	46.103	ng	100
9) Benzaldehyde	6.40	77	231347	33.899	ng	98
10) Phenol	6.51	94	510020	43.787	ng	87
11) bis(2-Chloroethyl)ether	6.59	93	379814	44.353	ng	98
12) 1,3-Dichlorobenzene	6.80	146	421856	42.107	ng	99
13) 1,4-Dichlorobenzene	6.87	146	427729	42.639	ng	98
14) 1,2-Dichlorobenzene	7.03	146	397463	43.030	ng	99
15) Benzyl Alcohol	7.00	79	352783	46.999	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	506962	43.402	ng	96
17) 2-Methylphenol	7.11	107	339936	46.310	ng	99
18) Hexachloroethane	7.37	117	157574	42.665	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	272662	44.486	ng	98
20) 3+4-Methylphenols	7.26	107	399760	46.021	ng	# 84
22) Acetophenone	7.26	105	535799	44.745	ng	98
24) Nitrobenzene	7.43	77	443726	43.446	ng	99
25) Isophorone	7.67	82	802279	44.357	ng	99
26) 2-Nitrophenol	7.75	139	220866	45.876	ng	99
27) 2,4-Dimethylphenol	7.79	122	367466	50.733	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	493272	44.001	ng	99
29) 2,4-Dichlorophenol	8.00	162	355196	46.444	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	372591	42.739	ng	100
31) Naphthalene	8.16	128	1146925	44.639	ng	100
32) Benzoic acid	7.93	122	212610	41.634	ng	99
33) 4-Chloroaniline	8.20	127	298030	25.961	ng	100
34) Hexachlorobutadiene	8.27	225	206466	41.117	ng	99
35) Caprolactam	8.59	113	66589	26.921	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	379674	47.721	ng	98
37) 2-Methylnaphthalene	8.85	142	785248	46.406	ng	99
38) 1-Methylnaphthalene	8.95	142	727556	45.449	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	355519	44.145	ng	99

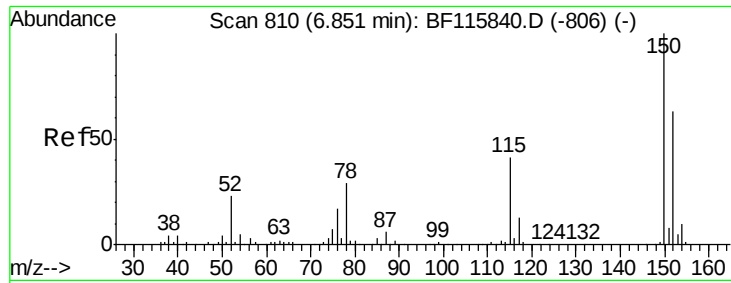
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	234675	66.027	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	241622	43.588	ng	97
44) 2,4,5-Trichlorophenol	9.18	196	259276	45.248	ng	98
46) 1,1'-Biphenyl	9.32	154	949089	44.626	ng	100
47) 2-Chloronaphthalene	9.35	162	754572	42.629	ng	99
48) 2-Nitroaniline	9.44	65	247329	42.273	ng	91
49) Acenaphthylene	9.76	152	1179265	45.666	ng	99
50) Dimethylphthalate	9.62	163	919139	44.812	ng	100
51) 2,6-Dinitrotoluene	9.68	165	207406	46.530	ng	88
52) Acenaphthene	9.93	154	697845	44.048	ng	99
53) 3-Nitroaniline	9.85	138	172424	31.306	ng	92
54) 2,4-Dinitrophenol	9.97	184	157030	70.313	ng	92
55) Dibenzofuran	10.10	168	1057136	45.884	ng	97
56) 4-Nitrophenol	10.03	139	305575	86.608	ng	97
57) 2,4-Dinitrotoluene	10.09	165	274844	46.311	ng	98
58) Fluorene	10.45	166	816626	46.070	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	220383	45.715	ng	99
60) Diethylphthalate	10.32	149	883987	46.162	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	411950	45.888	ng	95
62) 4-Nitroaniline	10.47	138	234226	41.151	ng	96
63) Azobenzene	10.60	77	918793	46.647	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	132244	44.426	ng	91
66) n-Nitrosodiphenylamine	10.56	169	744613	44.041	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	259884	43.219	ng	94
68) Hexachlorobenzene	11.00	284	288494	41.490	ng	96
69) Atrazine	11.09	200	246351	44.291	ng	100
70) Pentachlorophenol	11.20	266	292863	86.754	ng	98
71) Phenanthrene	11.41	178	1250580	43.550	ng	99
72) Anthracene	11.46	178	1285482	44.232	ng	99
73) Carbazole	11.62	167	1155945	43.842	ng	100
74) Di-n-butylphthalate	11.95	149	1412874	45.936	ng	100
75) Fluoranthene	12.60	202	1363885	45.368	ng	97
77) Benzidine	12.72	184	582792	40.915	ng	97
78) Pyrene	12.83	202	1389615	43.724	ng	100
80) Butylbenzylphthalate	13.44	149	628363	46.740	ng	97
81) Benzo(a)anthracene	14.02	228	1177052	43.679	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	296166	31.634	ng	98
83) Chrysene	14.06	228	1130228	43.201	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	858539	49.143	ng	99
85) Di-n-octyl phthalate	14.61	149	1356699	48.892	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	931705	42.401	ng	99
88) Benzo(b)fluoranthene	15.07	252	1065605	48.611	ng	98
89) Benzo(k)fluoranthene	15.10	252	968340	45.353	ng	99
90) Benzo(a)pyrene	15.44	252	939071	47.922	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	768233	45.291	ng	99
92) Benzo(g,h,i)perylene	17.43	276	779031	46.765	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

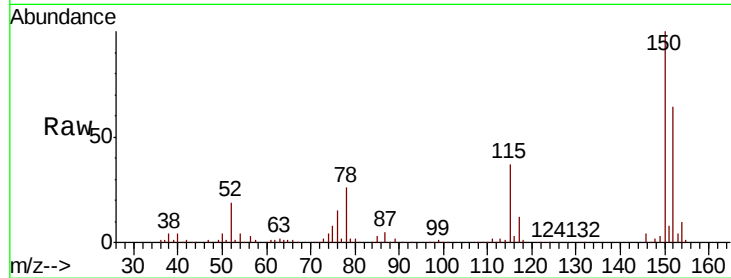


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.4	191.0
115	57.9	51.8	77.8

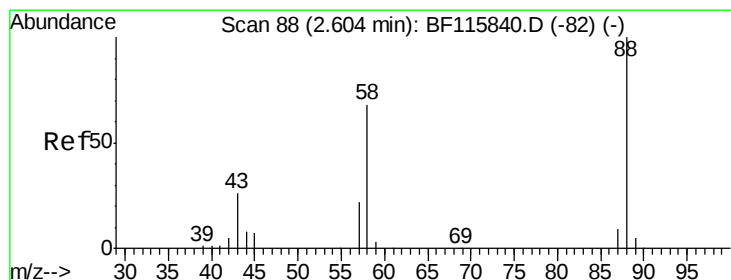
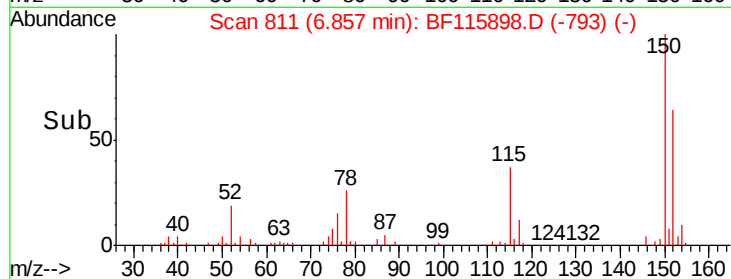
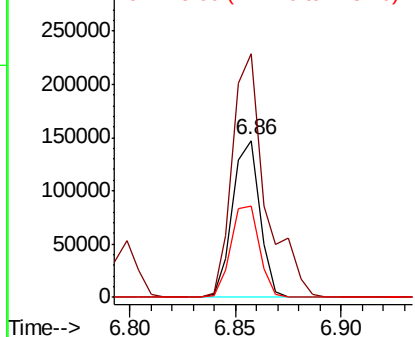


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

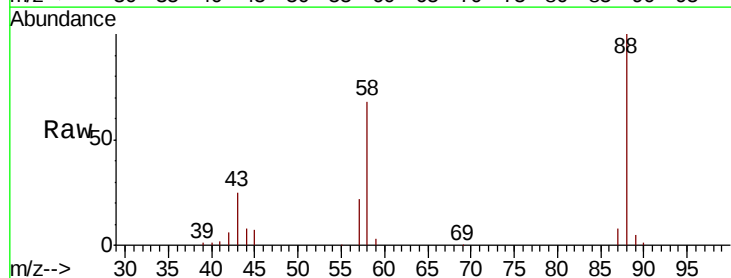
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.161 ng
RT: 2.68 min Scan# 100
Delta R.T. 0.07 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.2	54.1	81.1
43	25.9	20.7	31.1

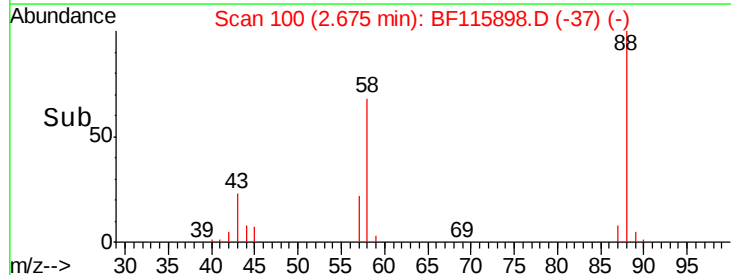
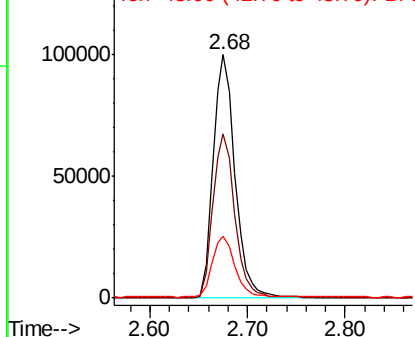


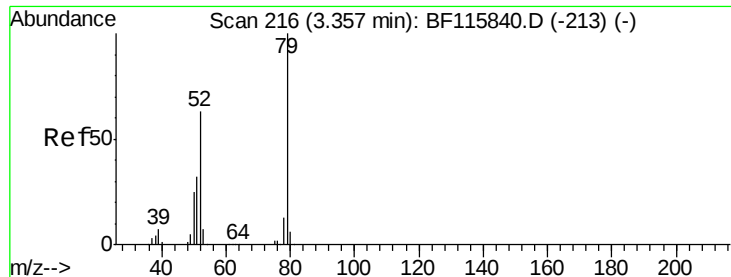
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

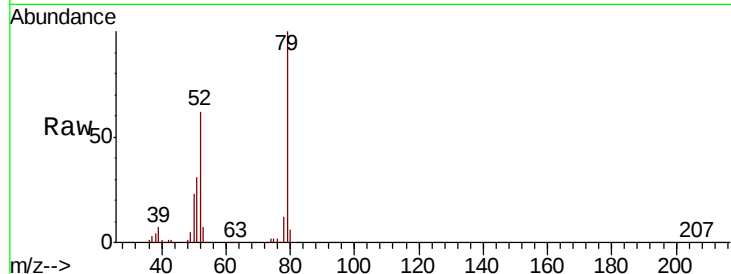




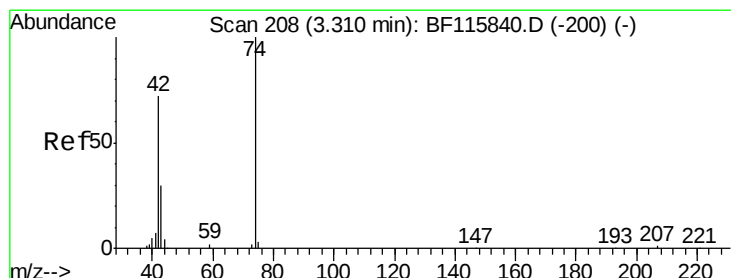
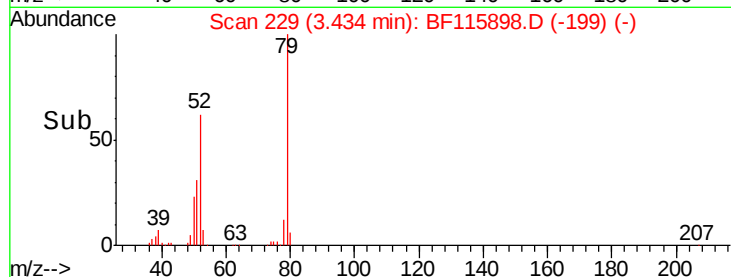
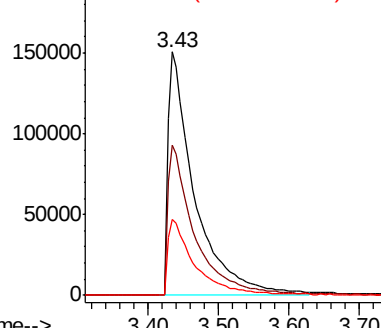
#3
Pvrindine
Concen: 36.194 ng
RT: 3.43 min Scan# 229
Delta R.T. 0.08 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 400420
Ion Ratio Lower Upper
79 100
52 61.9 50.2 75.4
51 31.2 25.8 38.6

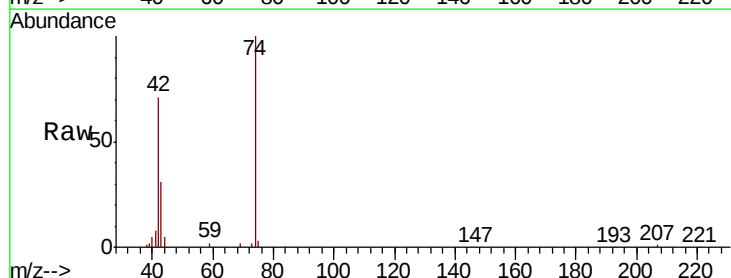


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

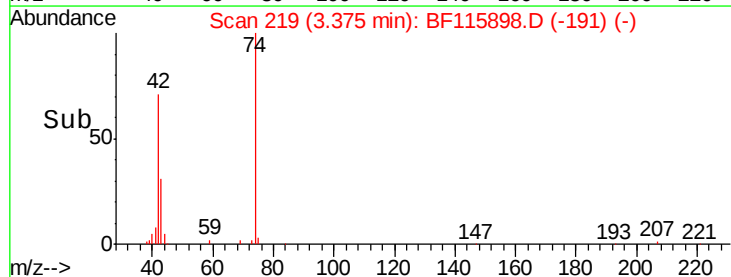
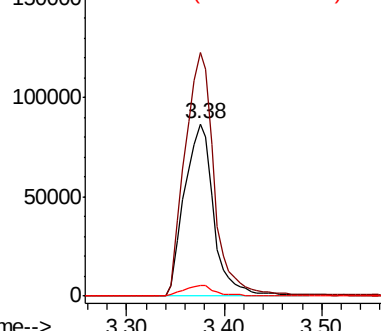


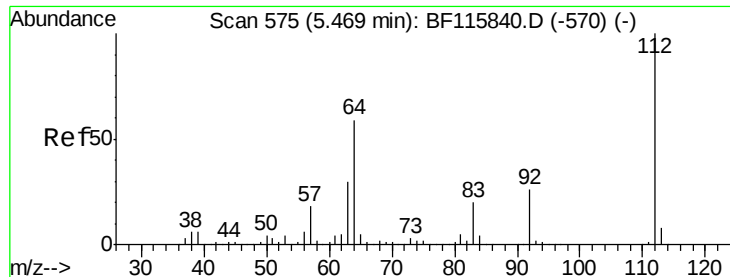
#4
n-Nitrosodimethylamine
Concen: 41.440 ng
RT: 3.38 min Scan# 219
Delta R.T. 0.06 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion: 42 Resp: 180927
Ion Ratio Lower Upper
42 100
74 141.5 111.0 166.4
44 6.4 4.7 7.1



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 116.901 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Instrument :

BNA_F

ClientSampled :

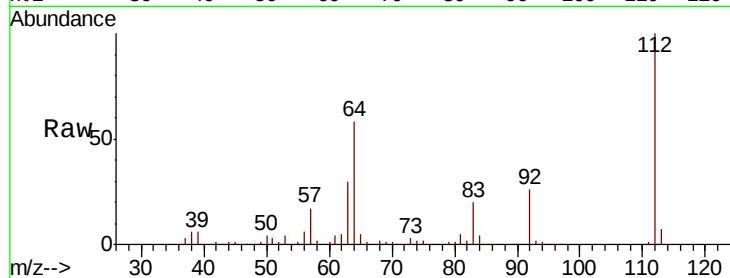
Tot Ion:112 Resp: 916454

Ion Ratio Lower Upper

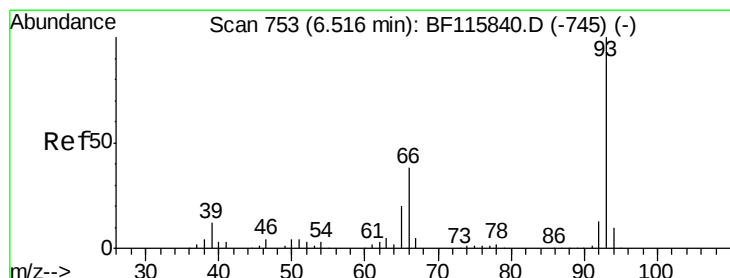
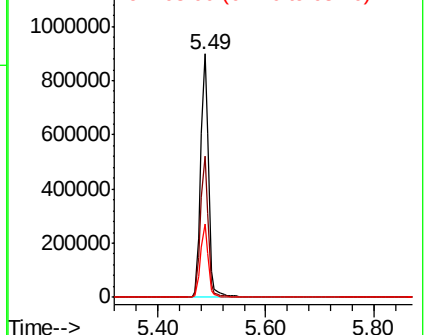
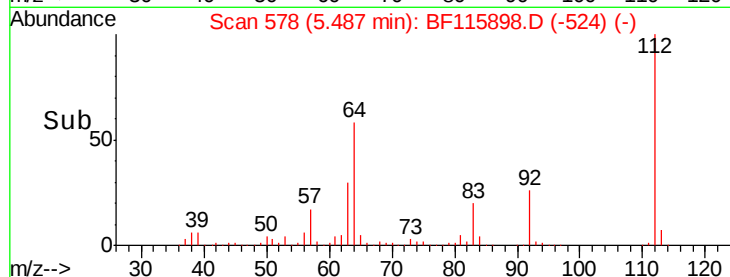
112 100

64 58.2 46.8 70.2

63 30.2 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.945 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

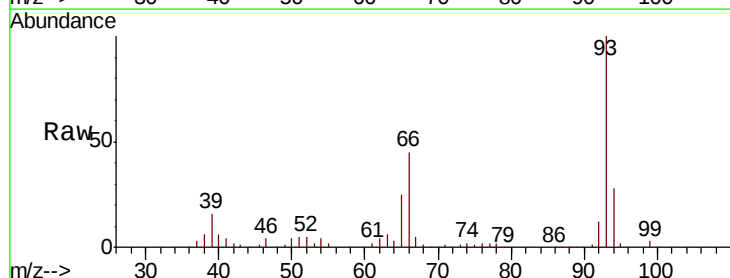
Tgt Ion: 93 Resp: 466670

Ion Ratio Lower Upper

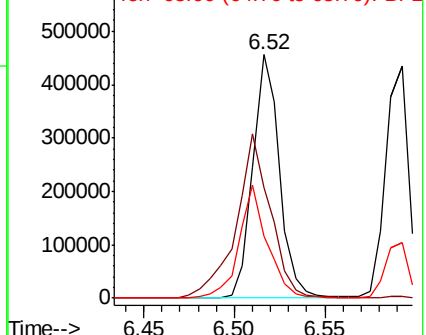
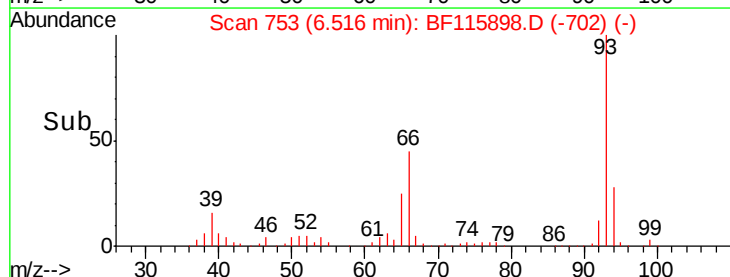
93 100

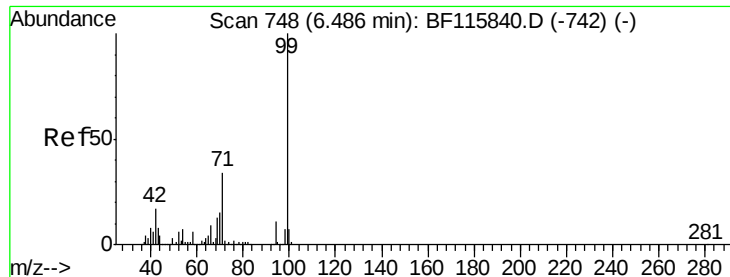
66 45.5 31.4 47.0

65 25.3 16.5 24.7#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.116 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

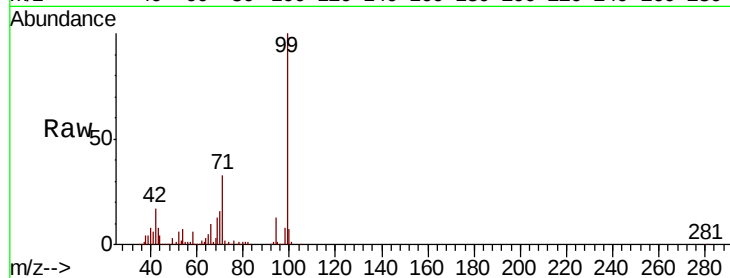
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1158390

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.8	20.6
71	33.3	27.1	40.7

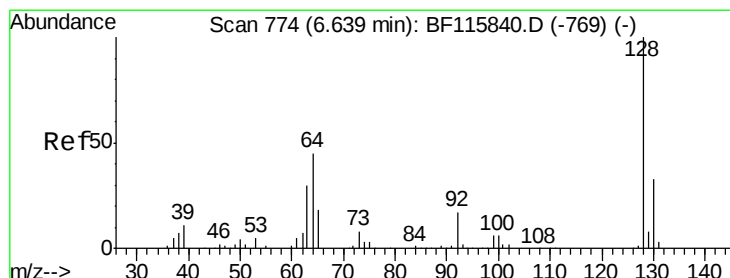
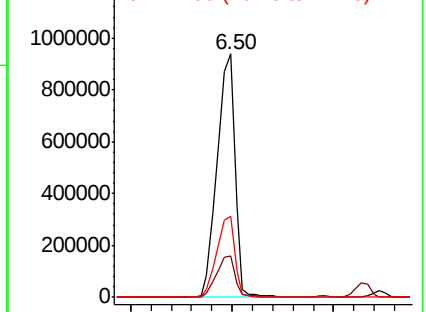
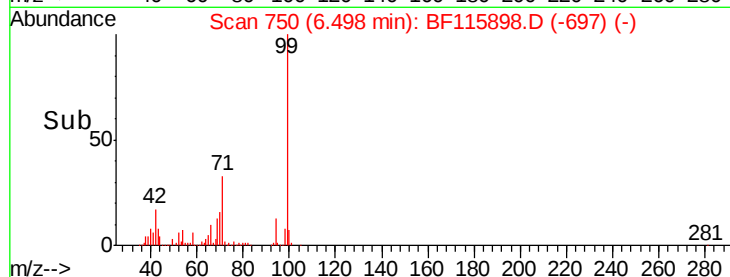


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.103 ng

RT: 6.65 min Scan# 775

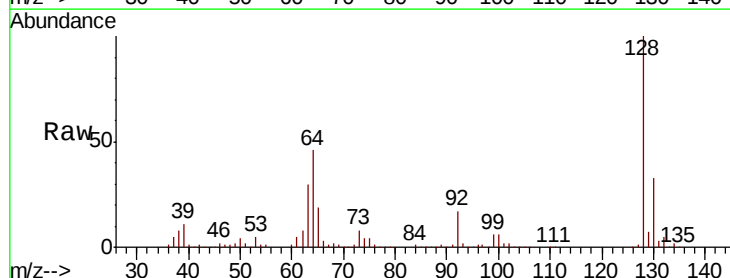
Delta R.T. 0.01 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Tgt Ion: 128 Resp: 399667

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	46.1	26.1	66.1

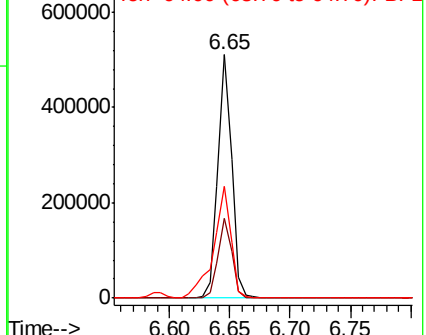
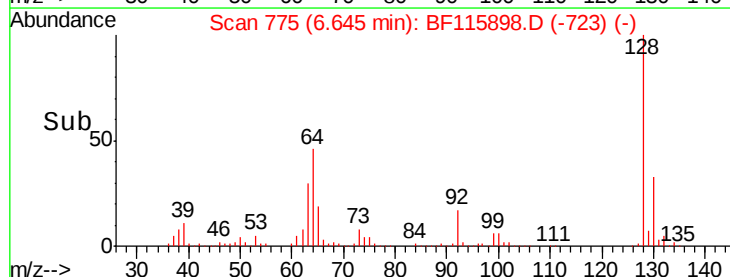


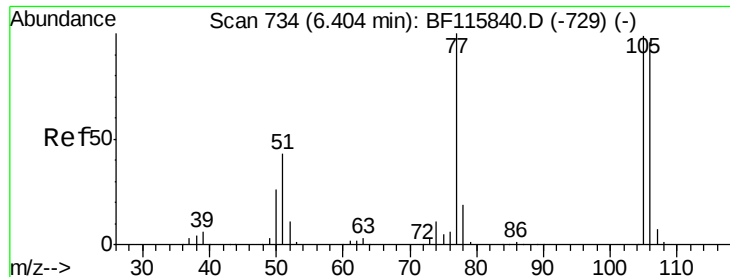
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.899 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Instrument :

BNA_F

ClientSampleId :

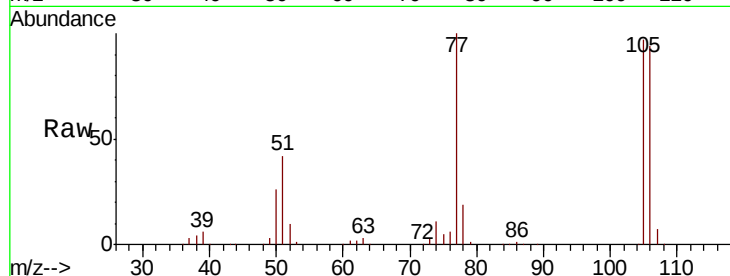
Tot Ion: 77 Resp: 231347

Ion Ratio Lower Upper

77 100

105 97.1 79.0 119.0

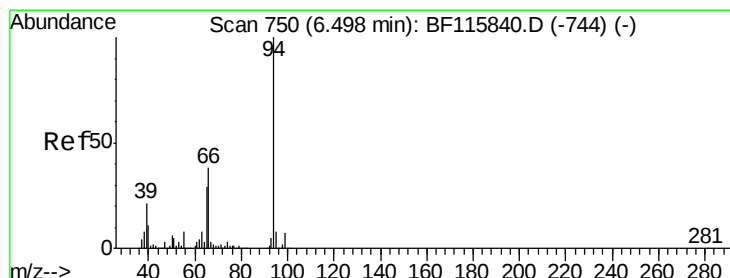
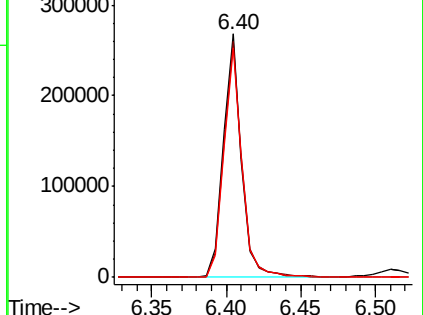
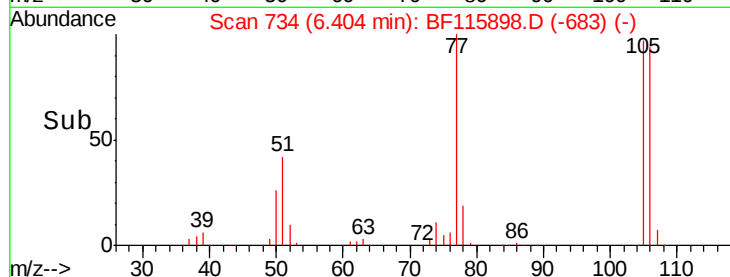
106 94.3 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.787 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

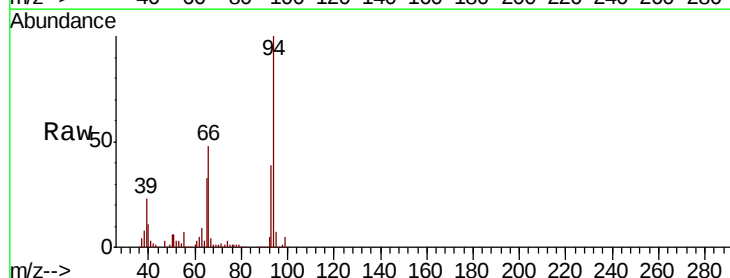
Tgt Ion: 94 Resp: 510020

Ion Ratio Lower Upper

94 100

65 33.3 8.9 48.9

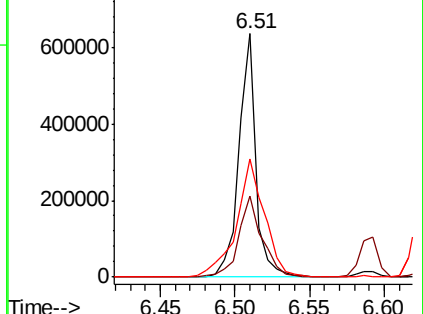
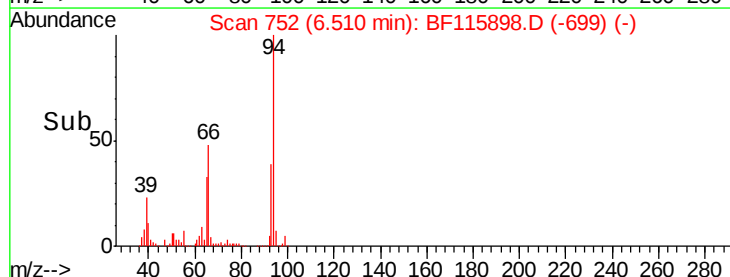
66 48.4 18.0 58.0

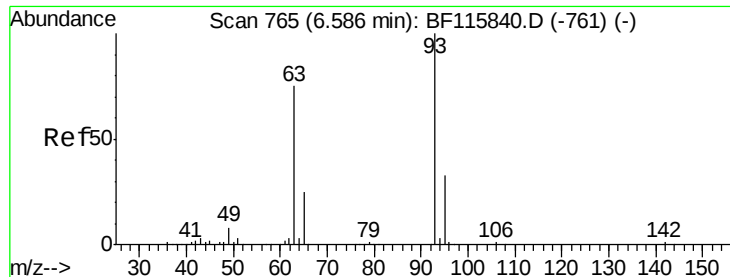


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

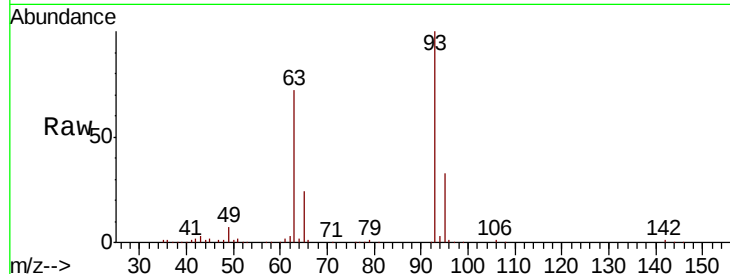




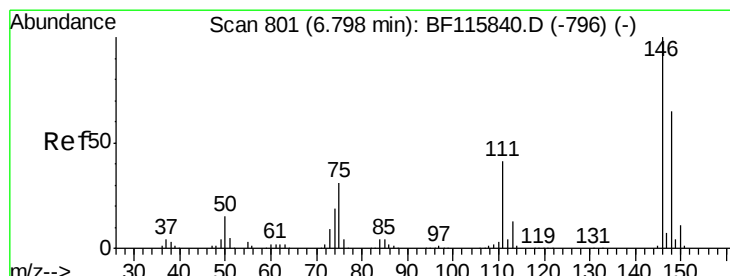
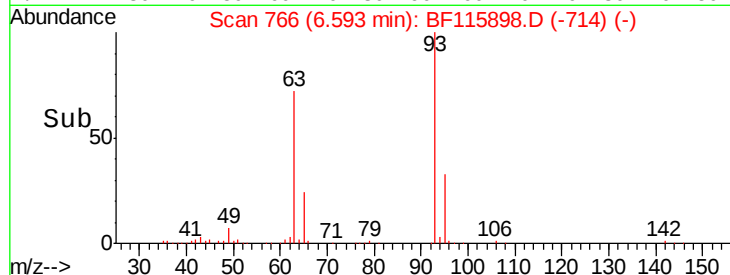
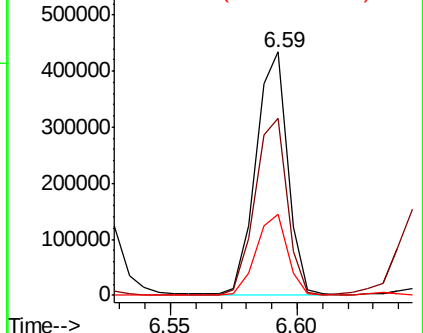
#11
bis(2-Chloroethyl)ether
Concen: 44.353 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 379814
Ion Ratio Lower Upper
93 100
63 72.5 54.9 94.9
95 33.3 13.3 53.3

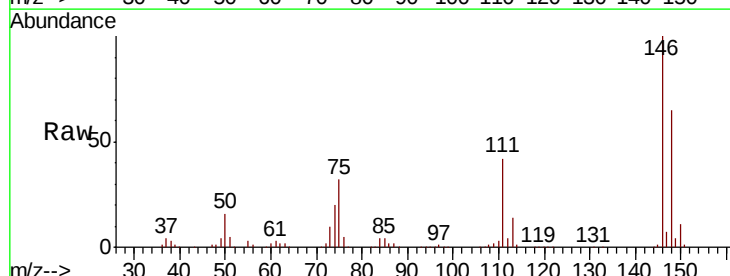


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

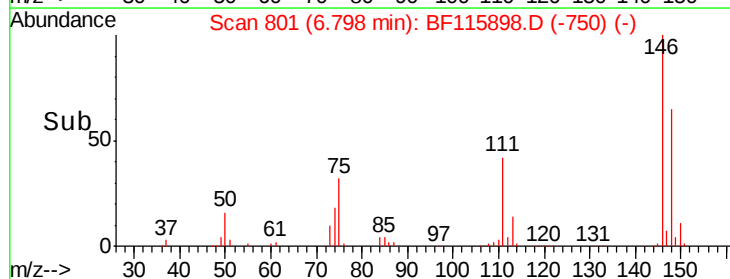
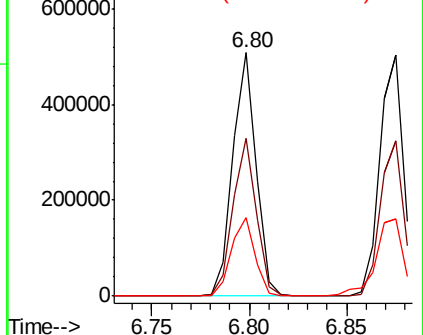


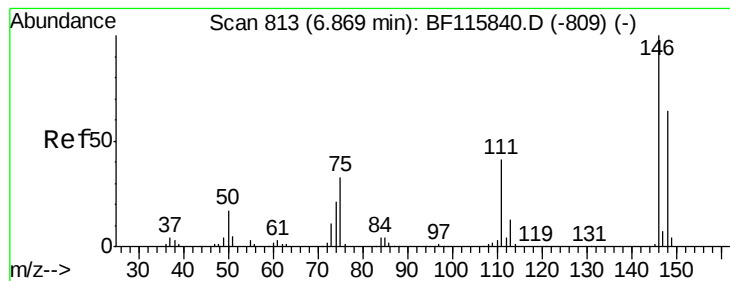
#12
1,3-Dichlorobenzene
Concen: 42.107 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion: 146 Resp: 421856
Ion Ratio Lower Upper
146 100
148 65.0 52.1 78.1
75 32.4 25.0 37.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 42.639 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Instrument :

BNA_F

ClientSampleId :

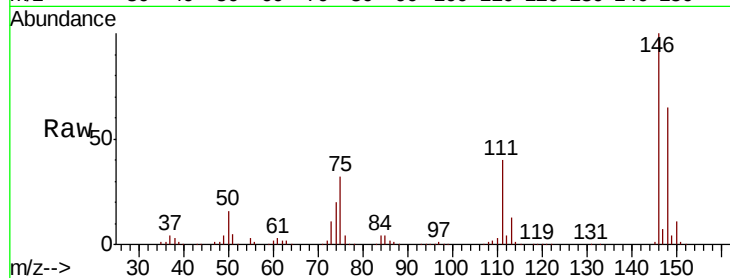
Tot Ion:146 Resp: 427729

Ion Ratio Lower Upper

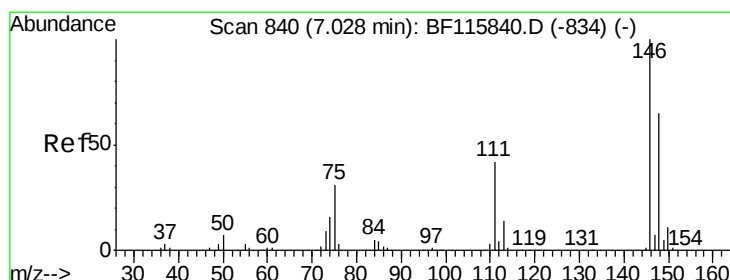
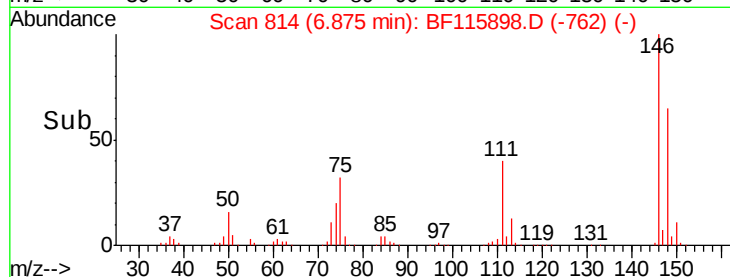
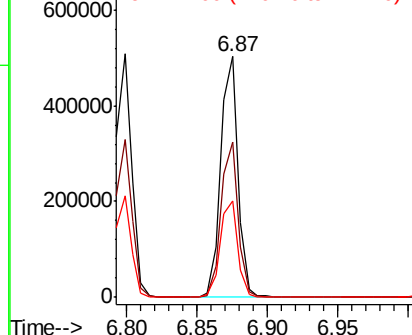
146 100

148 64.6 51.2 76.8

111 39.8 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.030 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

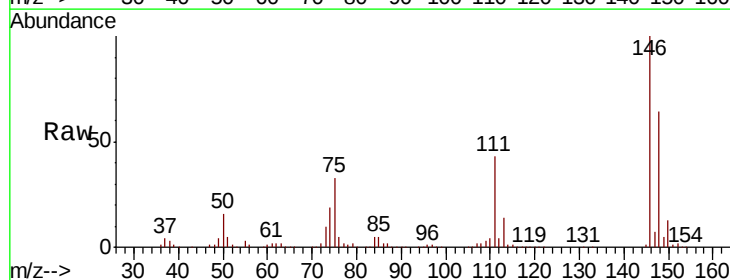
Tgt Ion:146 Resp: 397463

Ion Ratio Lower Upper

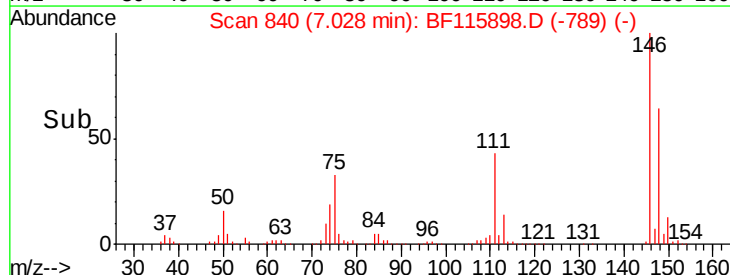
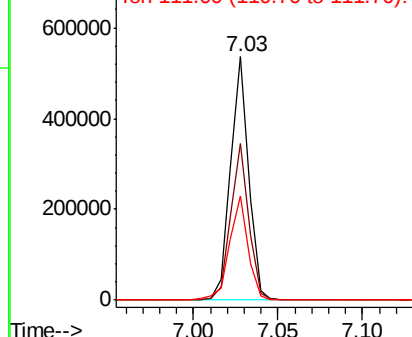
146 100

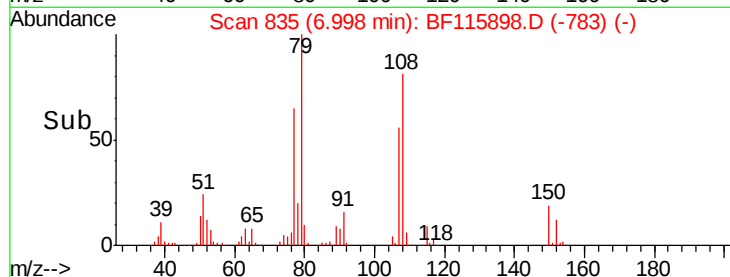
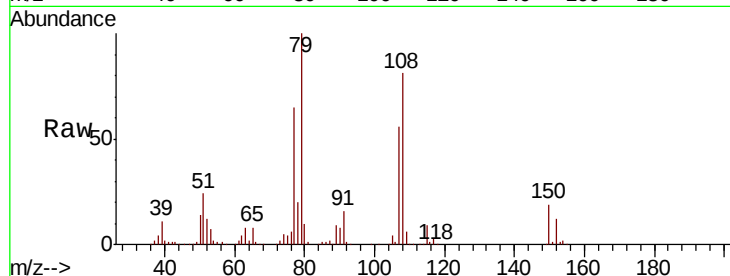
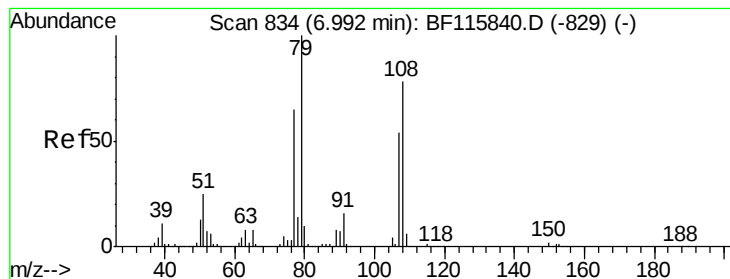
148 64.3 51.6 77.4

111 42.7 33.6 50.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.999 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

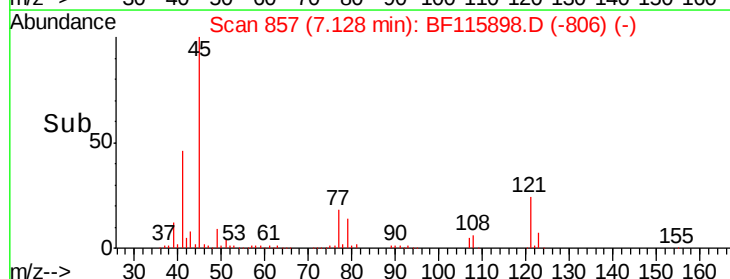
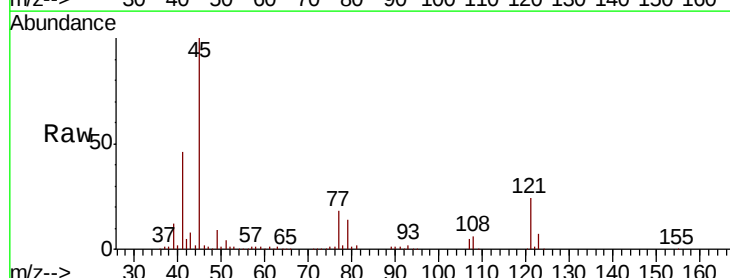
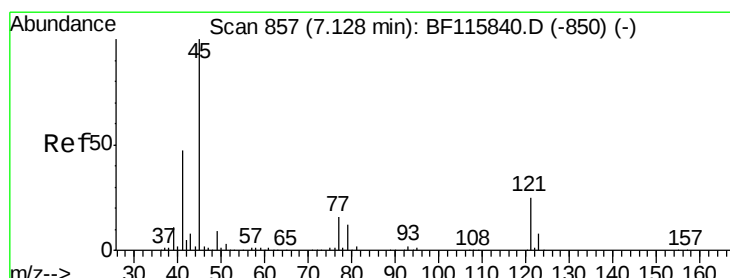
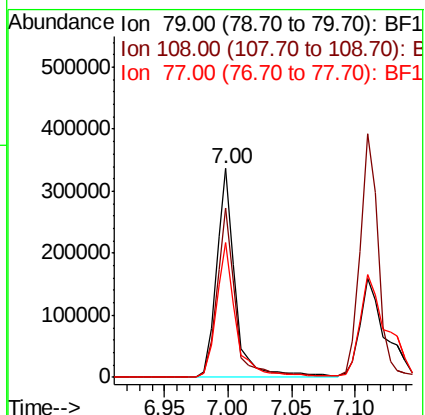
Tot Ion: 79 Resp: 352783

Ion Ratio Lower Upper

79 100

108 81.2 62.8 94.2

77 64.6 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.402 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

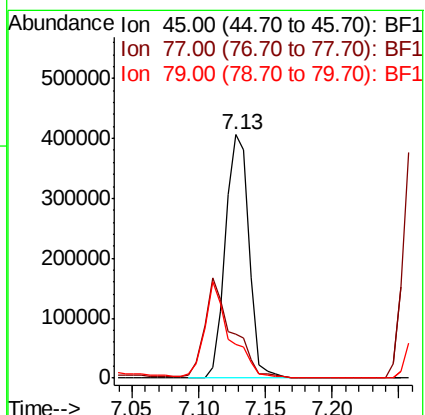
Tgt Ion: 45 Resp: 506962

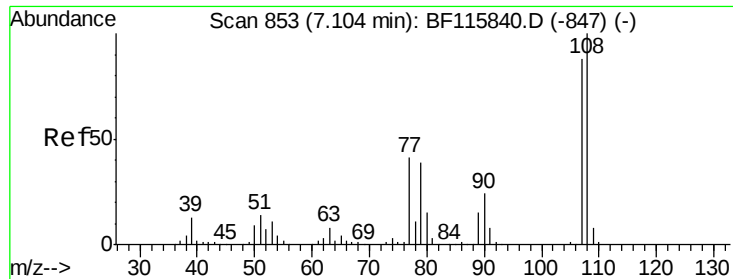
Ion Ratio Lower Upper

45 100

77 17.9 0.0 36.3

79 13.9 0.0 32.5

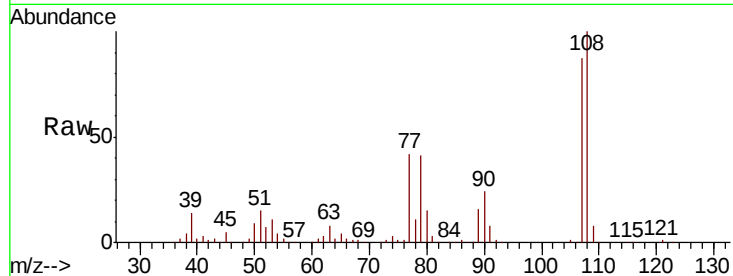




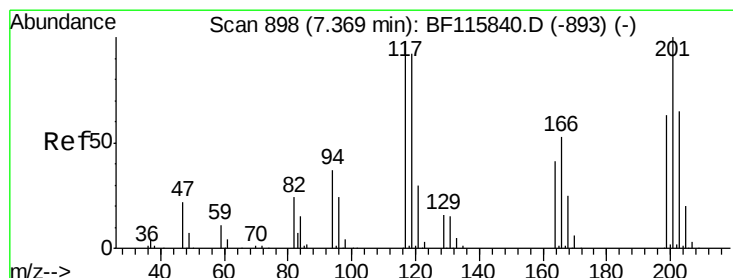
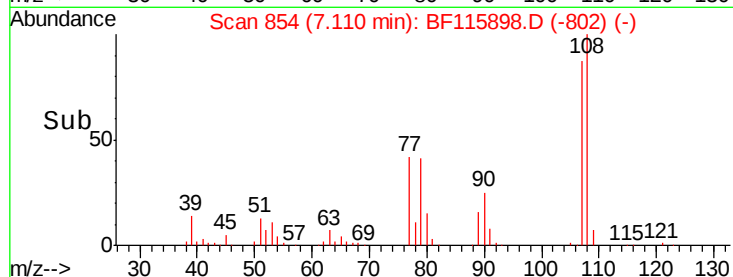
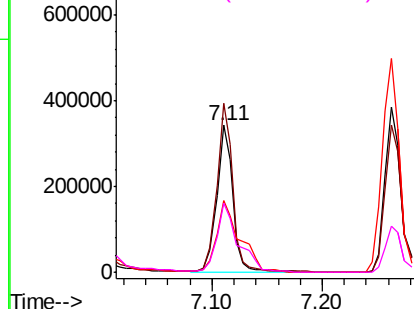
#17
2-Methylphenol
Concen: 46.310 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	339936
Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.4	137.0
77	48.7	37.6	56.4
79	46.9	36.2	54.4

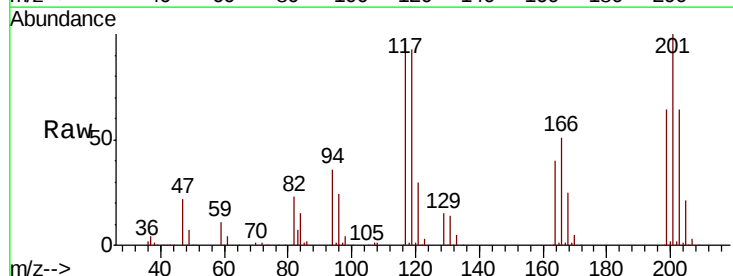


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

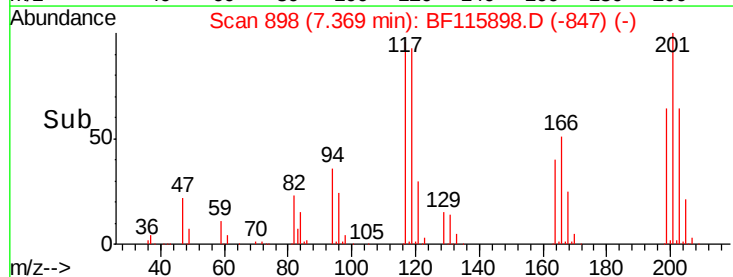
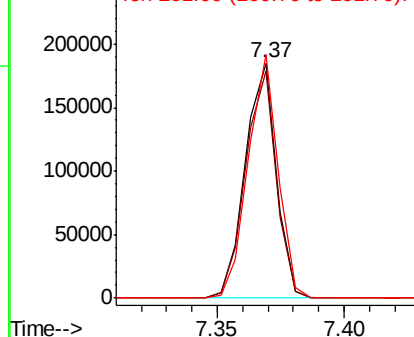


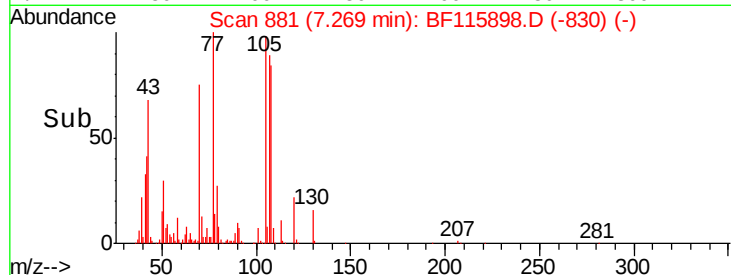
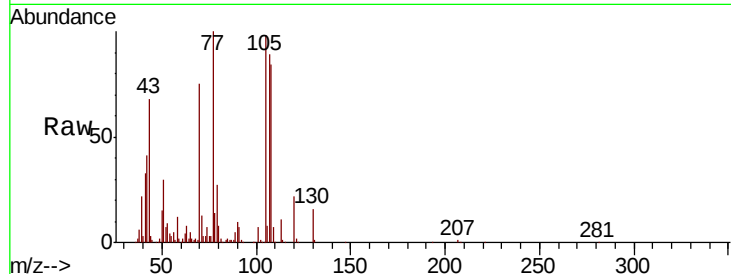
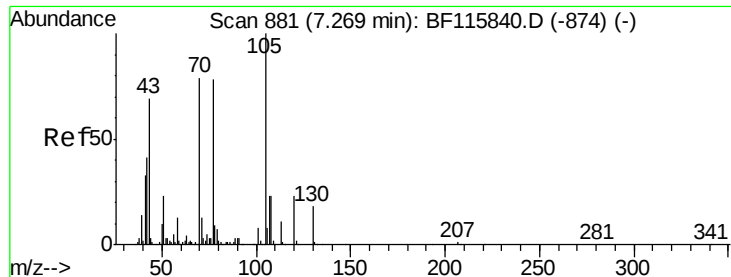
#18
Hexachloroethane
Concen: 42.665 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion:	117	Resp:	157574
Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.8	113.6
201	103.7	82.0	123.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

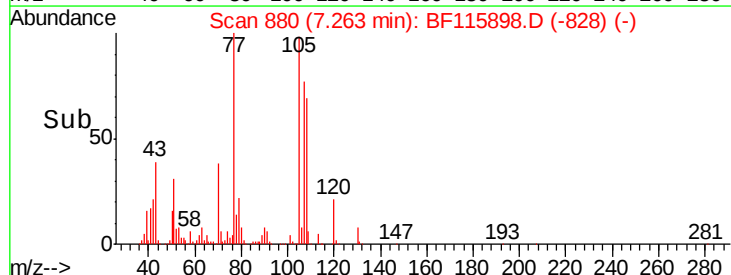
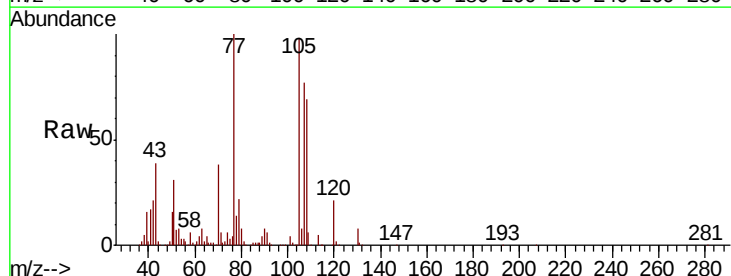
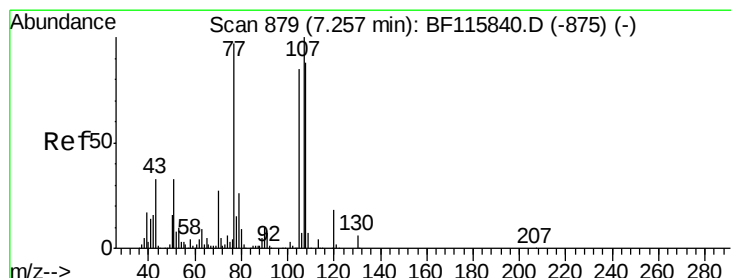
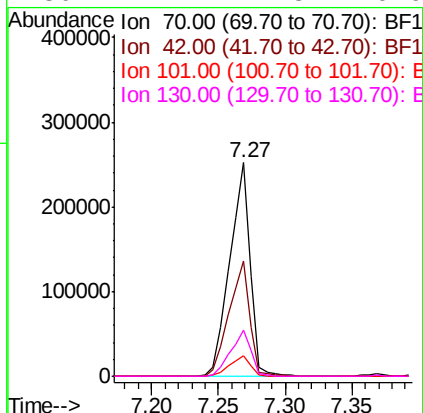




#19
n-Nitroso-di-n-propylamine
Concen: 44.486 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

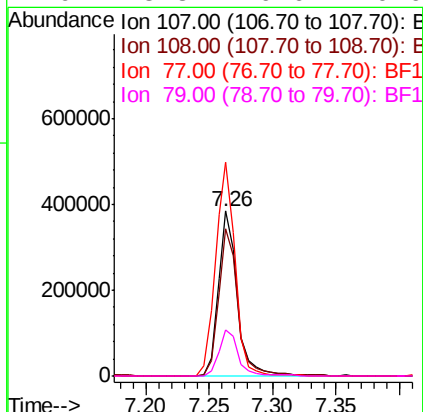
Instrument :
BNA_F
ClientSampleId :

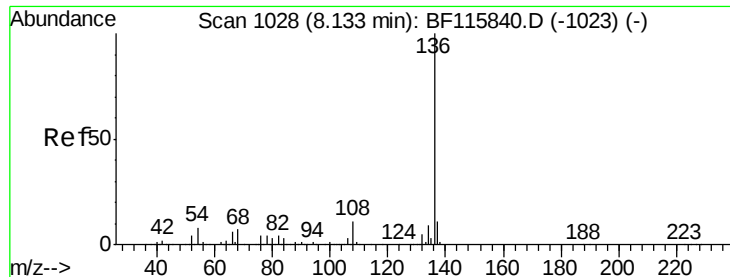
Tot Ion:	70	Resp:	272662
Ion	Ratio	Lower	Upper
70	100		
42	53.7	41.8	62.8
101	9.6	7.7	11.5
130	21.4	17.8	26.6



#20
3+4-Methylphenols
Concen: 46.021 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion:	107	Resp:	399760
Ion	Ratio	Lower	Upper
107	100		
108	89.6	67.9	107.9
77	129.5	77.3	117.3#
79	28.3	6.6	46.6

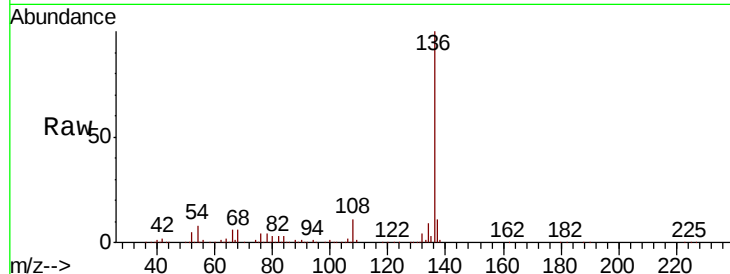




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	545994
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.1 13.7
54	7.7	6.1 9.1
68	6.5	5.4 8.2



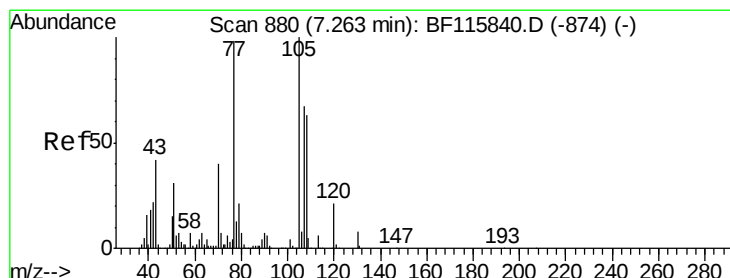
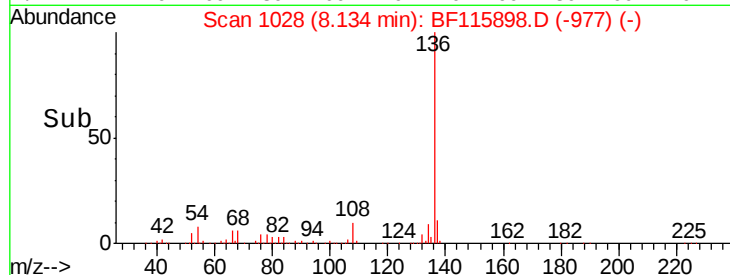
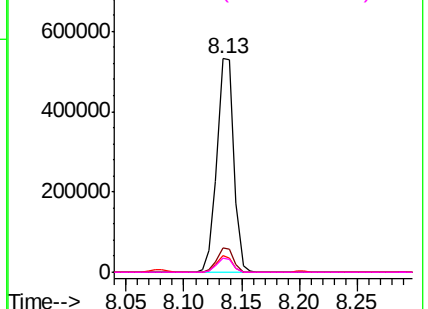
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

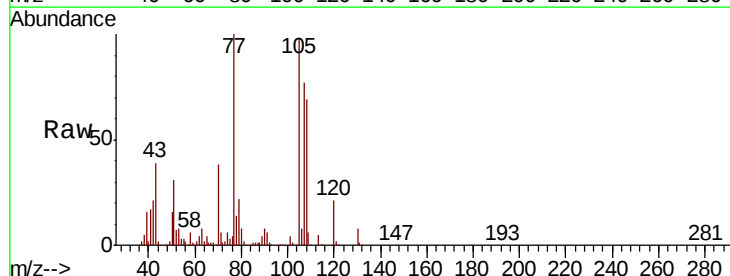
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 44.745 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion:105	Resp:	535799
Ion	Ratio	Lower Upper
105	100	
71	6.4	5.4 8.0
51	32.2	24.6 36.8
120	21.5	17.0 25.6



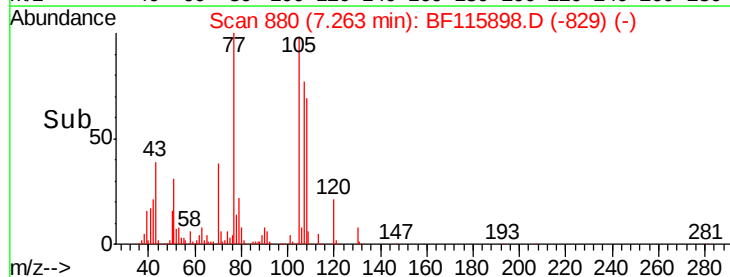
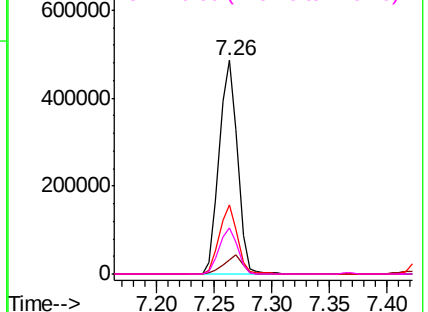
Abundance

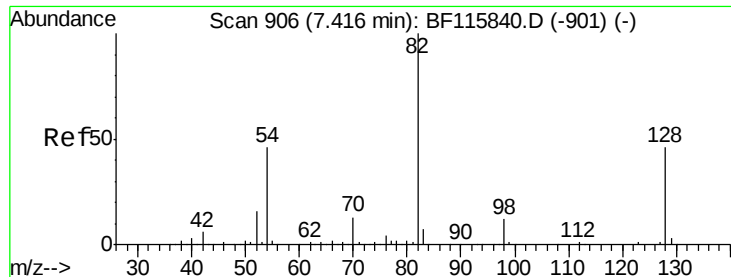
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

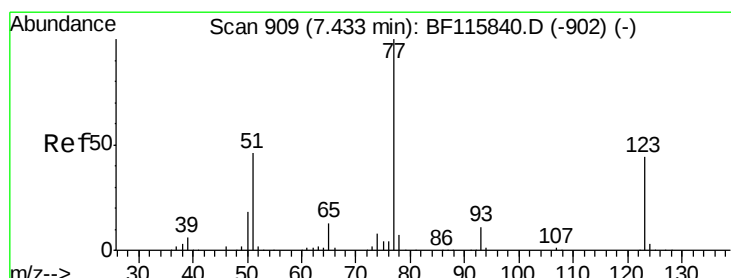
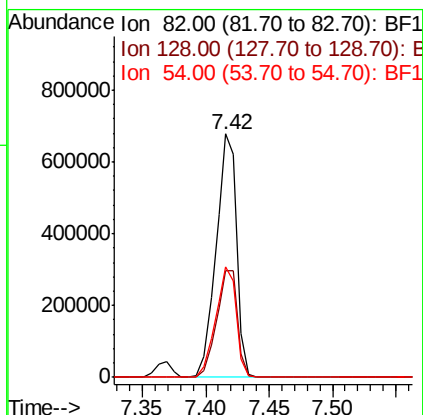
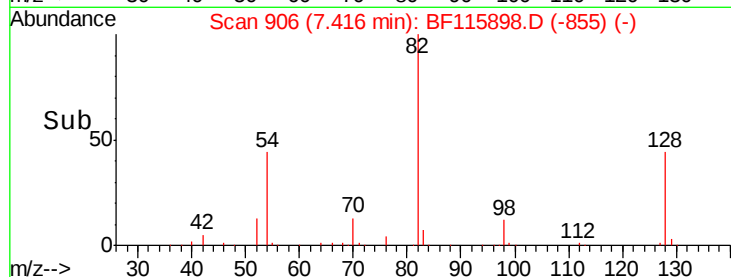
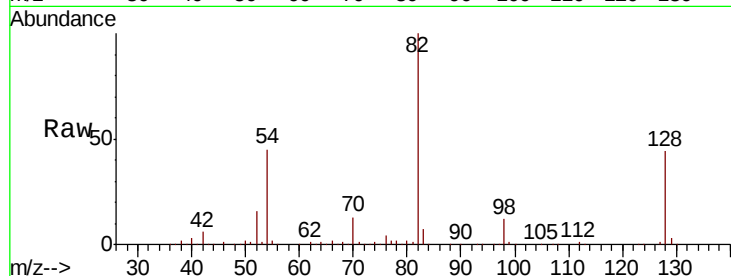




#23
Nitrobenzene-d5
Concen: 81.313 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

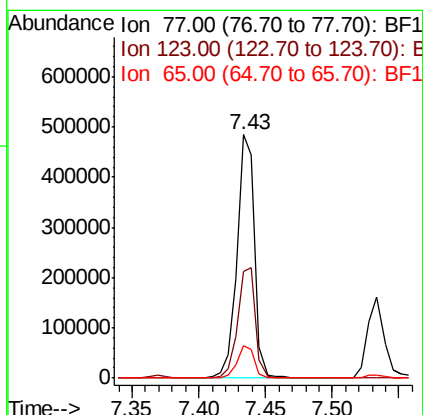
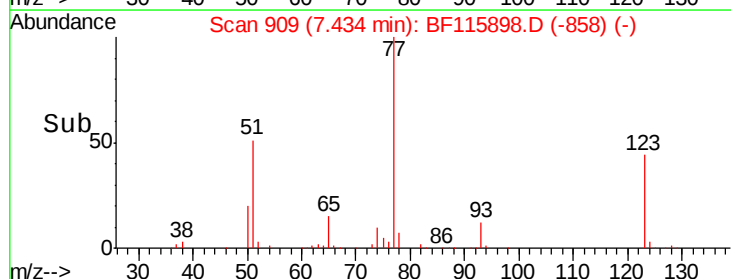
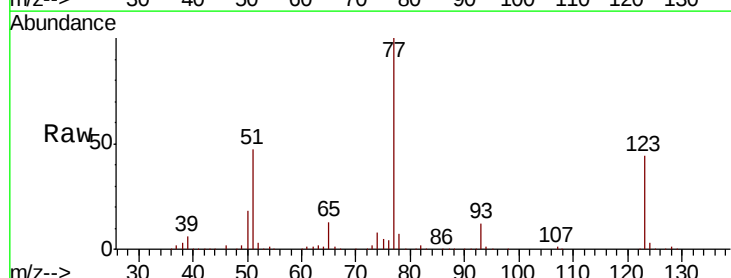
Instrument :
BNA_F
ClientSampled :

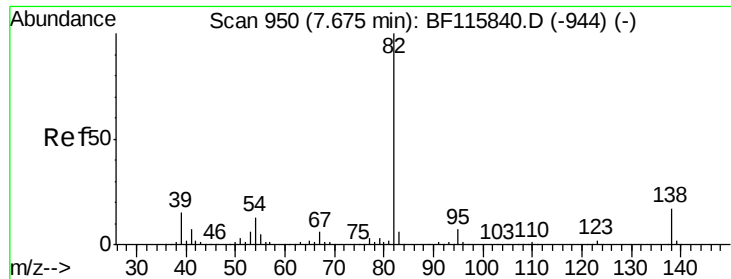
Tot Ion: 82 Resp: 769126
Ion Ratio Lower Upper
82 100
128 43.7 36.6 55.0
54 45.2 36.6 55.0



#24
Nitrobenzene
Concen: 43.446 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion: 77 Resp: 443726
Ion Ratio Lower Upper
77 100
123 43.8 35.5 53.3
65 13.2 10.6 15.8

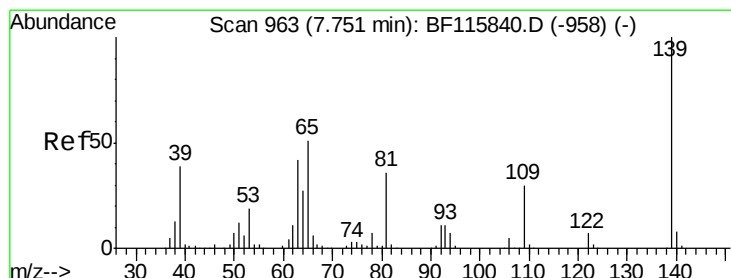
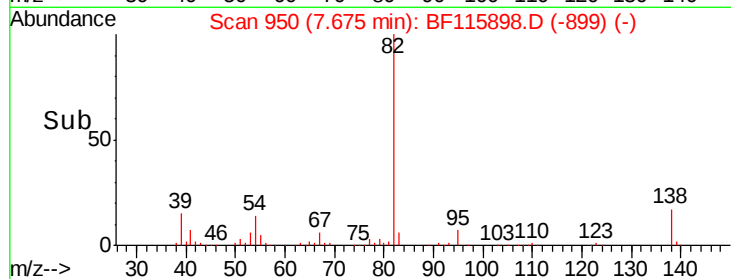
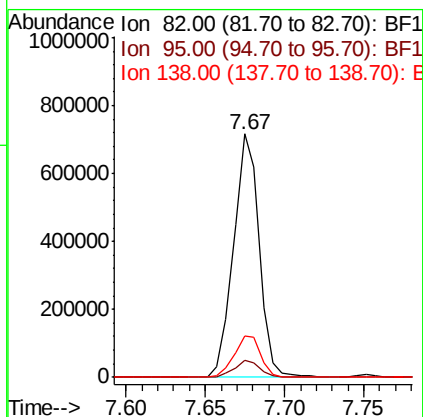
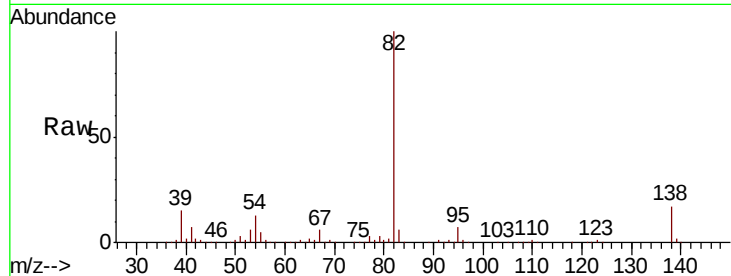




#25
Isophorone
Concen: 44.357 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

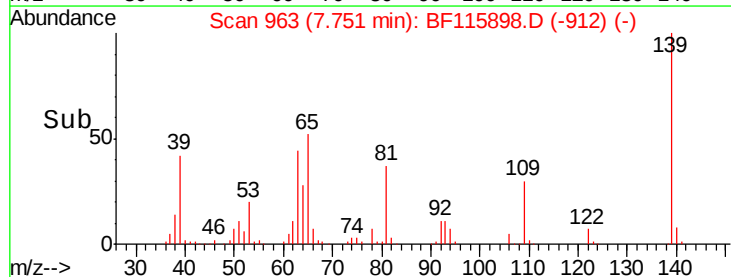
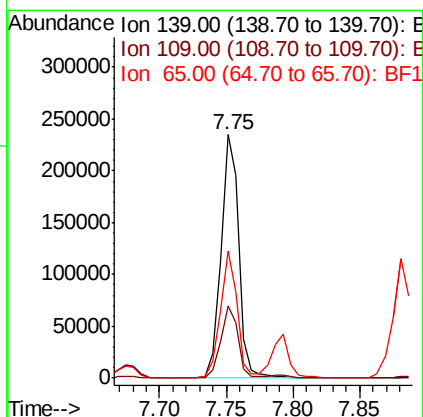
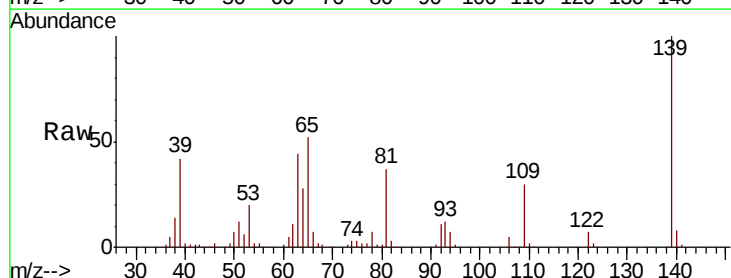
Instrument :
BNA_F
ClientSampleId :

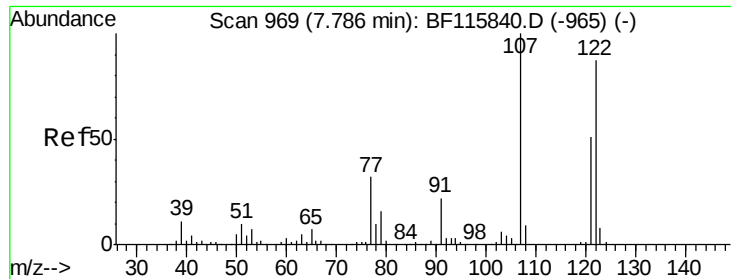
Tot Ion: 82 Resp: 802279
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.1 13.9 20.9



#26
2-Nitrophenol
Concen: 45.876 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion: 139 Resp: 220866
Ion Ratio Lower Upper
139 100
109 29.6 23.6 35.4
65 52.0 40.6 60.8

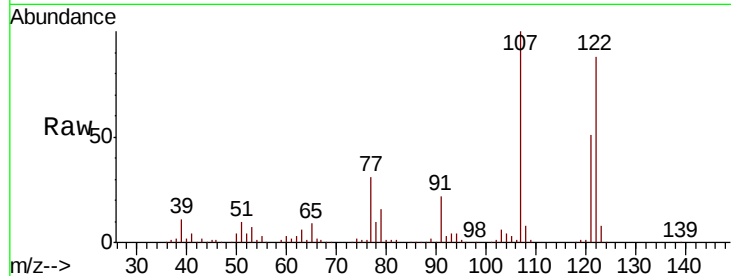




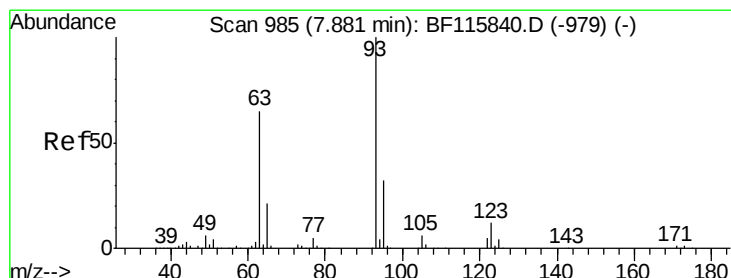
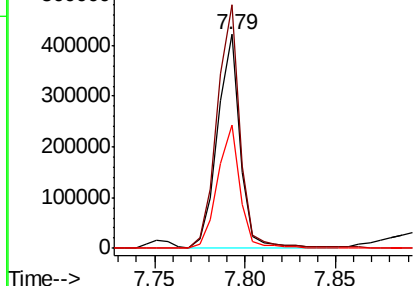
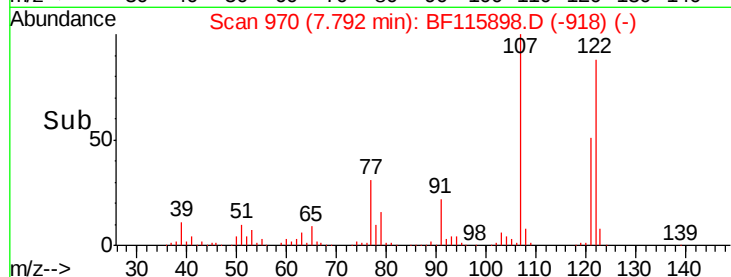
#27
 2,4-Dimethylphenol
 Concen: 50.733 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 367466
 Ion Ratio Lower Upper
 122 100
 107 114.0 91.7 137.5
 121 57.9 46.6 70.0

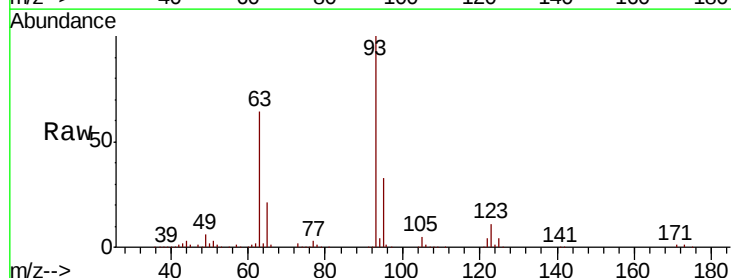


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

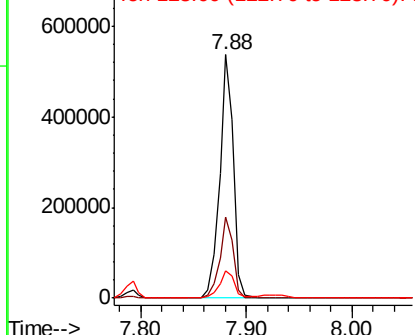
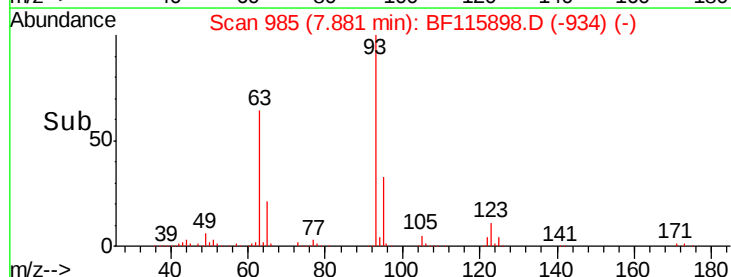


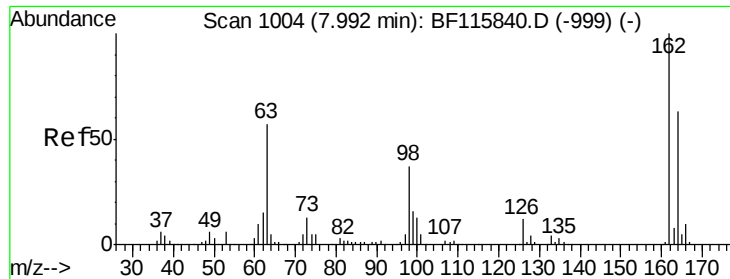
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.001 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Tgt Ion: 93 Resp: 493272
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.0 39.0
 123 11.4 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

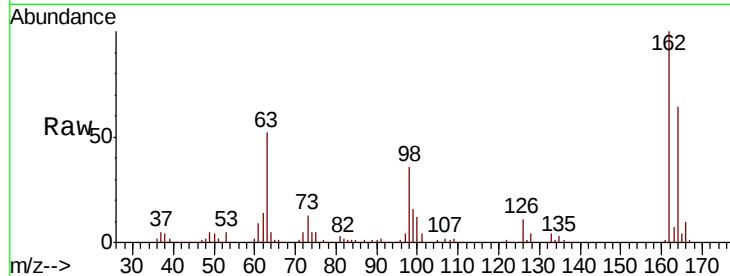




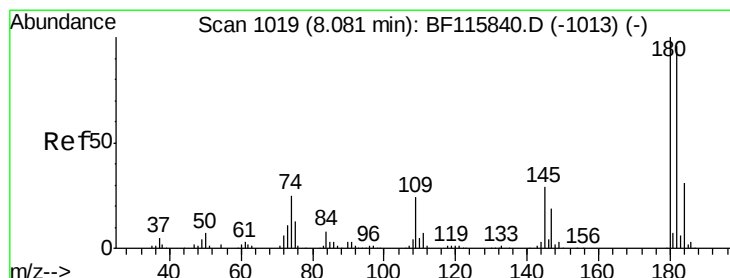
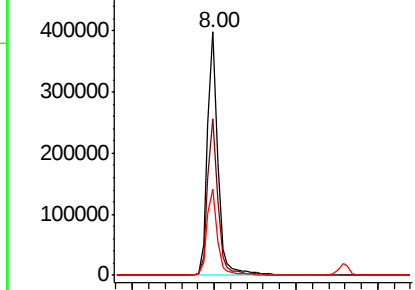
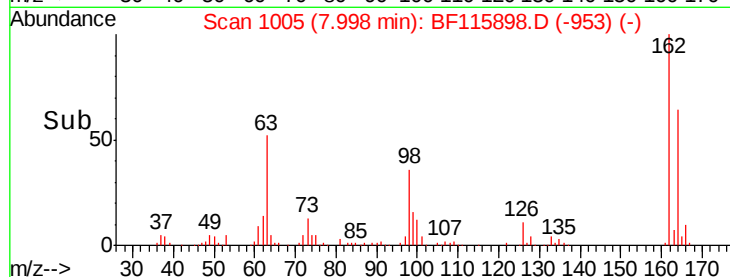
#29
 2,4-Dichlorophenol
 Concen: 46.444 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.2	83.2
98	35.6	17.3	57.3

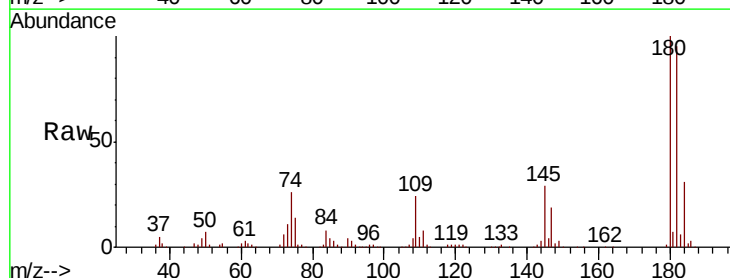


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

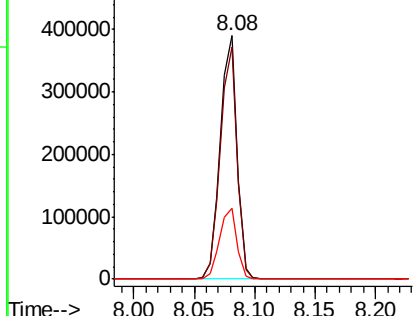
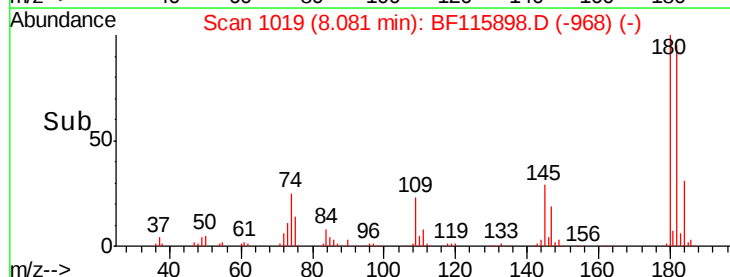


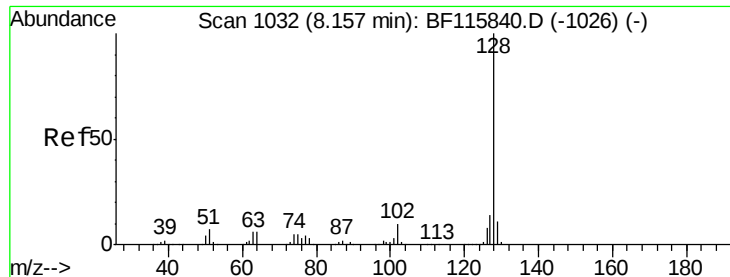
#30
 1,2,4-Trichlorobenzene
 Concen: 42.739 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.6	114.8
145	29.1	23.2	34.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

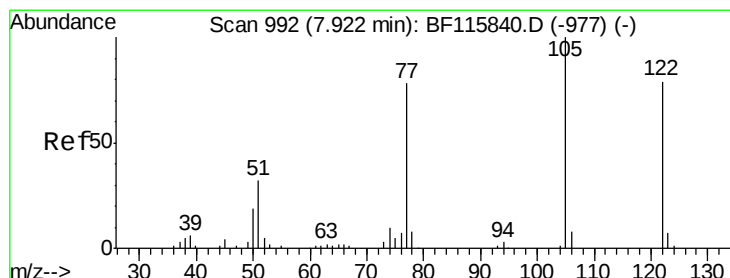
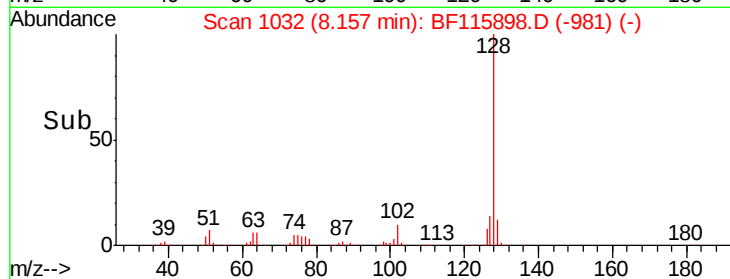
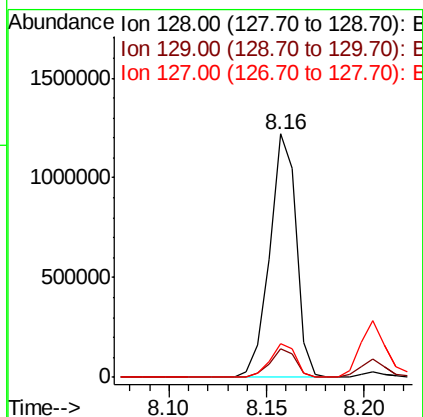
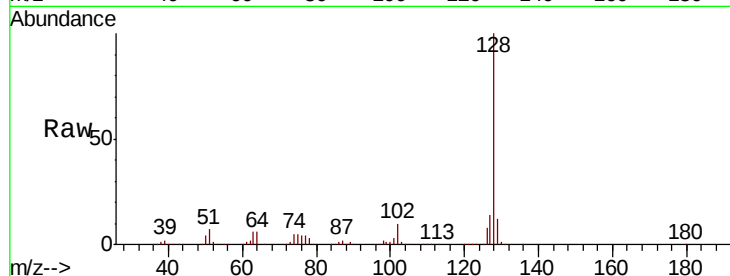




#31
Naphthalene
Concen: 44.639 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

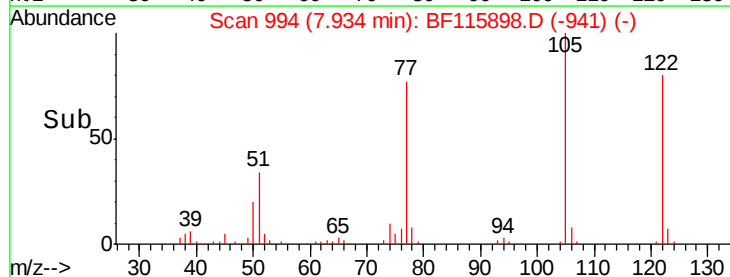
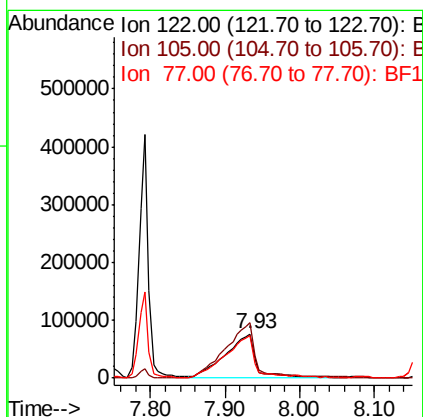
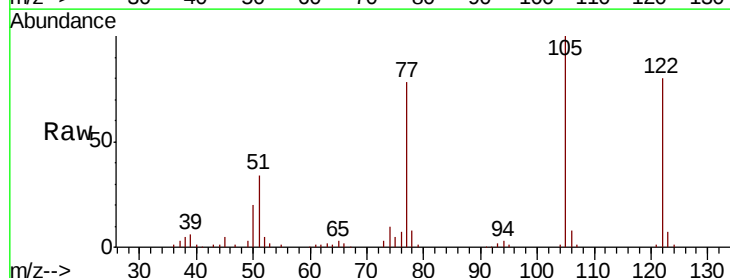
Instrument :
BNA_F
ClientSampleId :

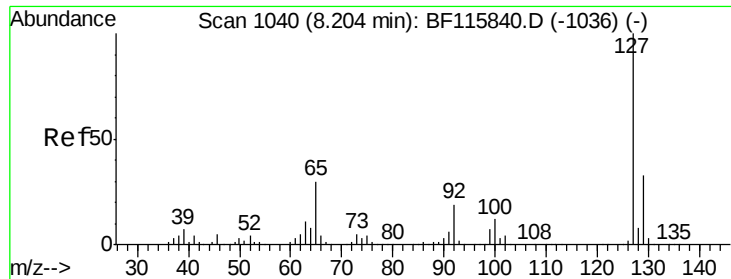
Tot Ion:128 Resp: 1146925
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.6 11.0 16.4



#32
Benzoic acid
Concen: 41.634 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion:122 Resp: 212610
Ion Ratio Lower Upper
122 100
105 124.3 103.1 143.1
77 97.5 76.8 116.8

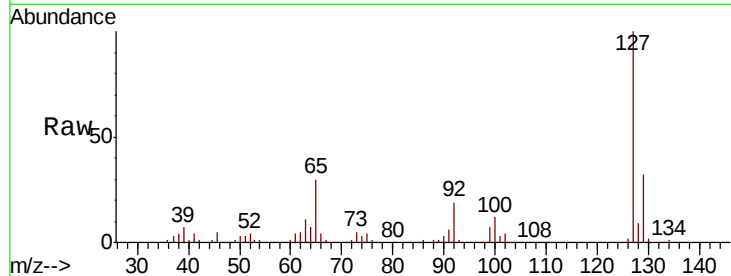




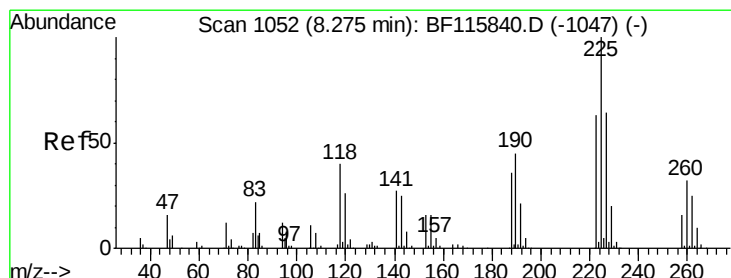
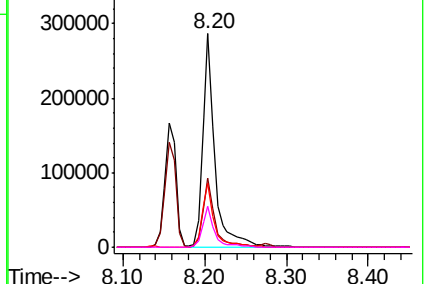
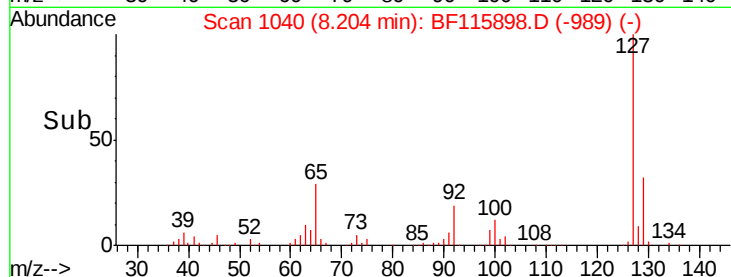
#33
4-Chloroaniline
Concen: 25.961 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	298030
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	30.1	23.9	35.9
92	18.9	14.9	22.3

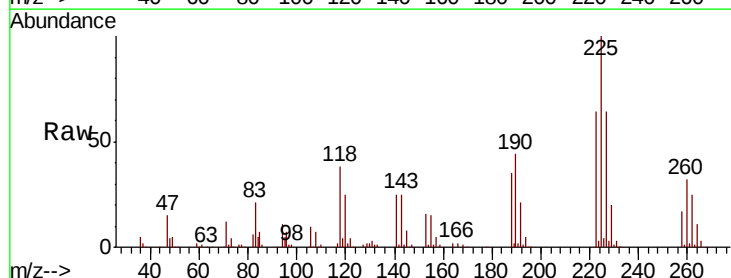


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

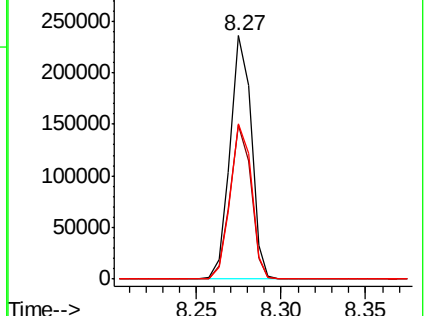
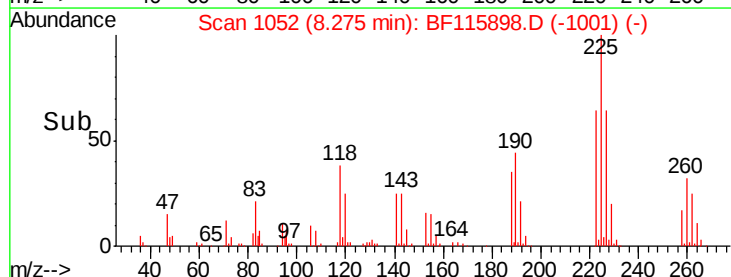


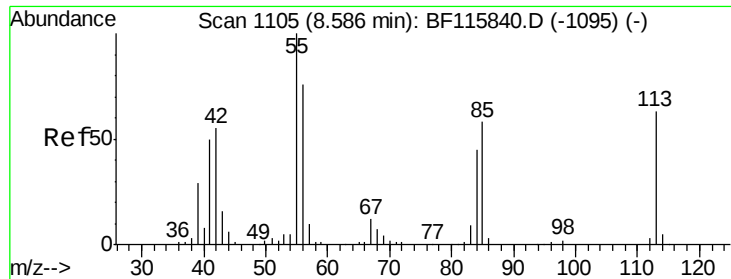
#34
Hexachlorobutadiene
Concen: 41.117 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion:	225	Resp:	206466
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.4	75.6
227	63.9	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

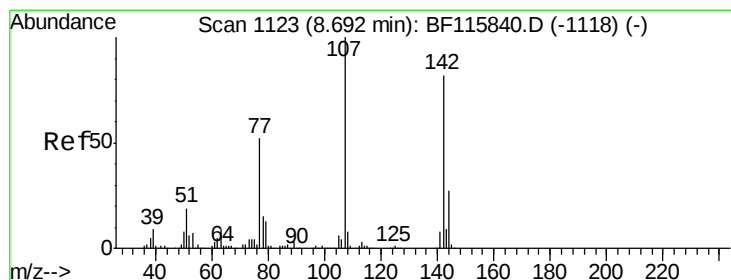
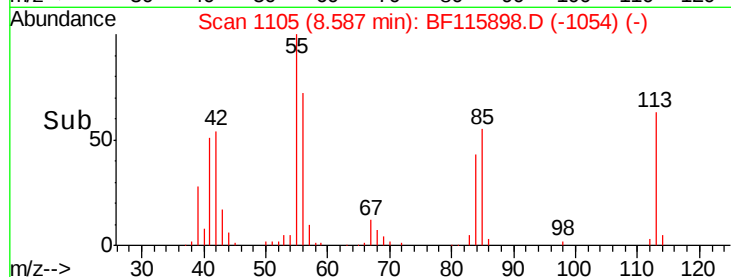
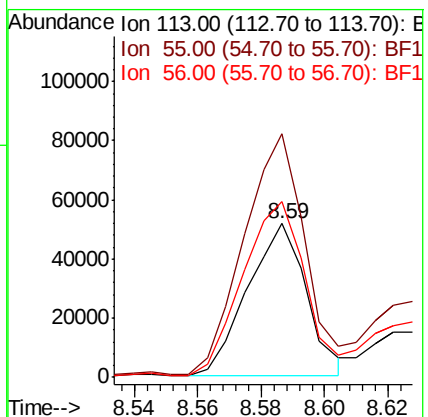
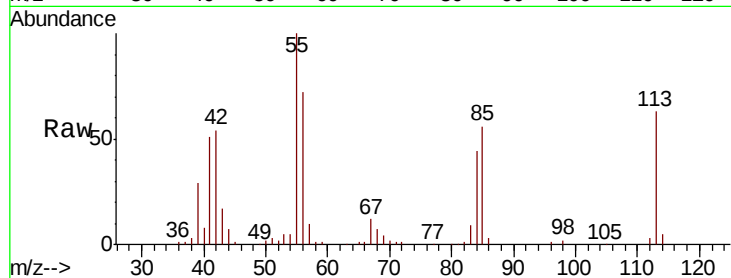




#35
 Caprolactam
 Concen: 26.921 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

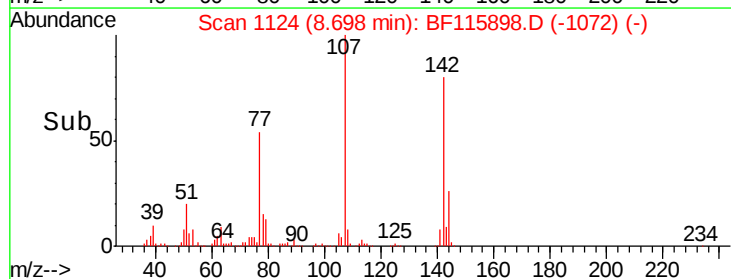
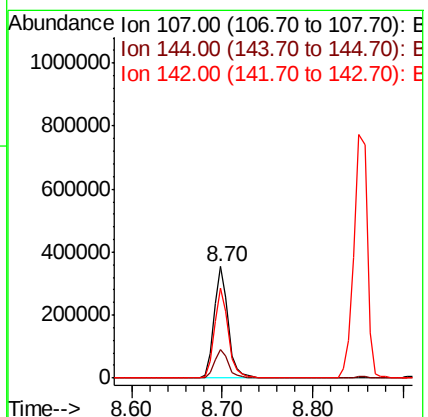
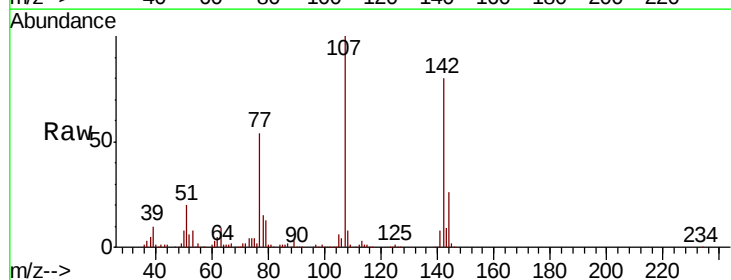
Instrument :
 BNA_F
 ClientSampleId :

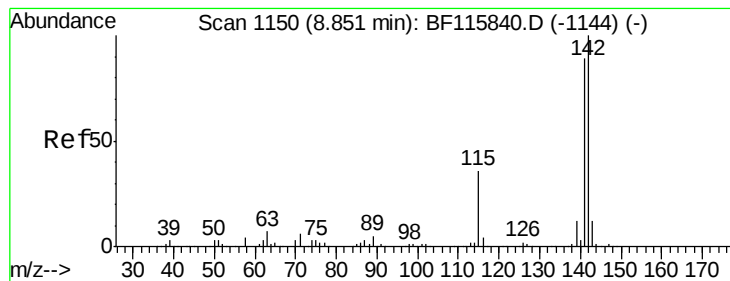
Tot Ion:113 Resp: 66589
 Ion Ratio Lower Upper
 113 100
 55 158.7 138.1 178.1
 56 114.9 100.6 140.6



#36
 4-Chloro-3-methylphenol
 Concen: 47.721 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Tgt Ion:107 Resp: 379674
 Ion Ratio Lower Upper
 107 100
 144 25.9 21.4 32.0
 142 80.3 65.5 98.3

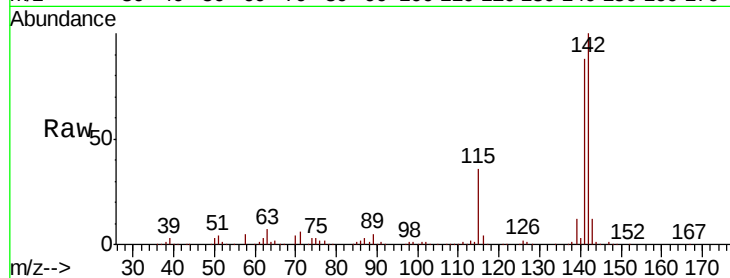




#37
2-Methylnaphthalene
Concen: 46.406 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.2
115	36.2	28.9	43.3

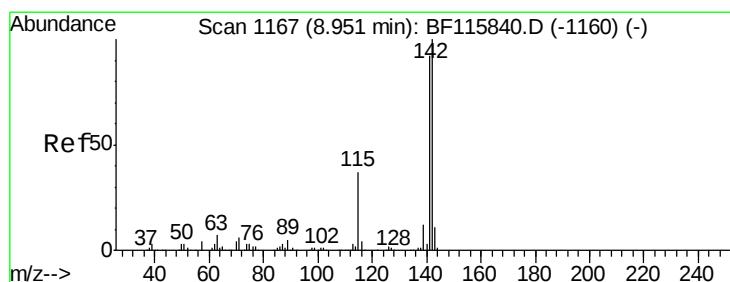
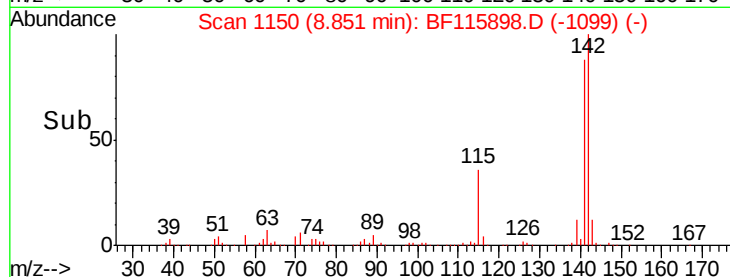
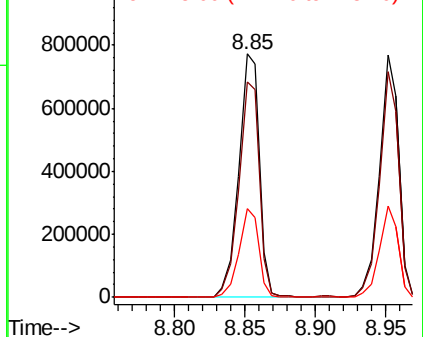


Abundance

Ion 142.00 (141.70 to 142.70): E

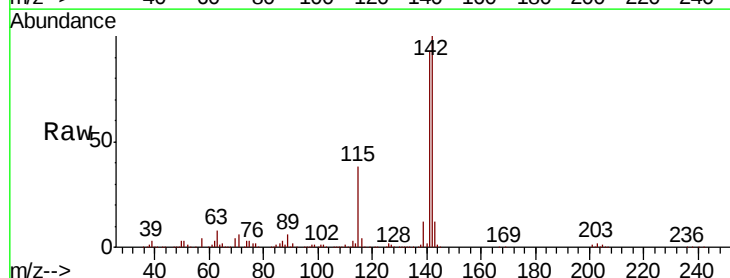
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.449 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.8	110.6
116	4.0	3.1	4.7

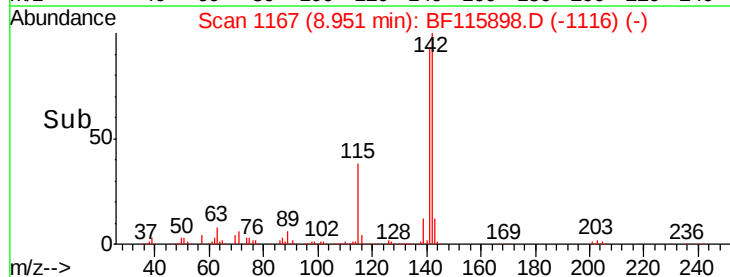
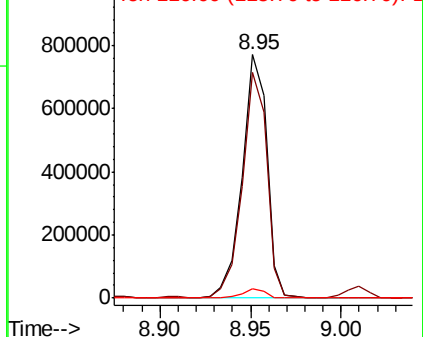


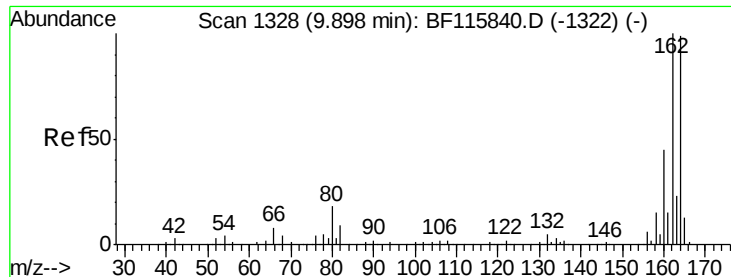
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

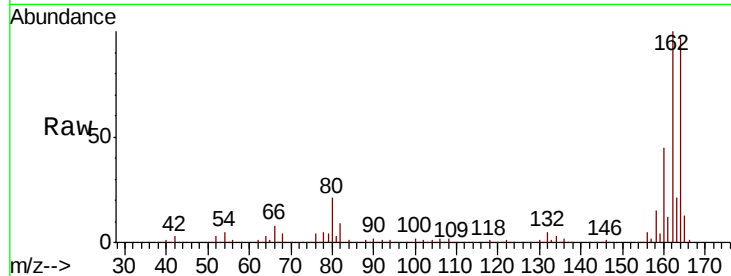




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.8	121.2
160	46.5	36.2	54.4

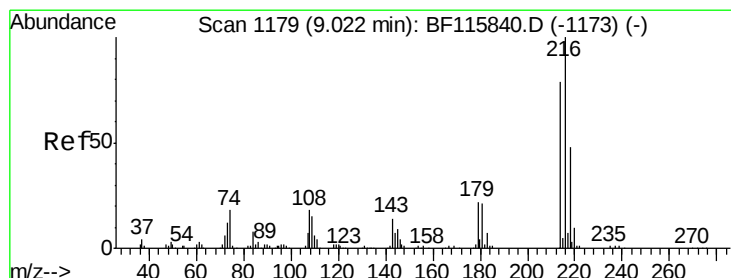
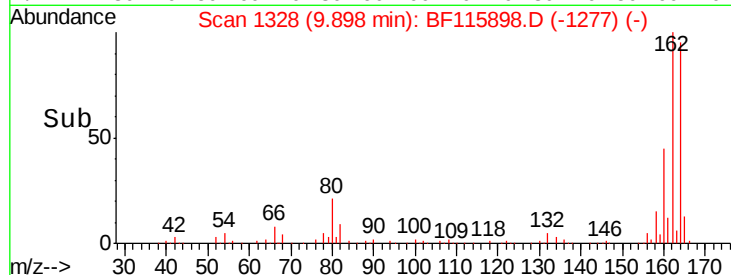
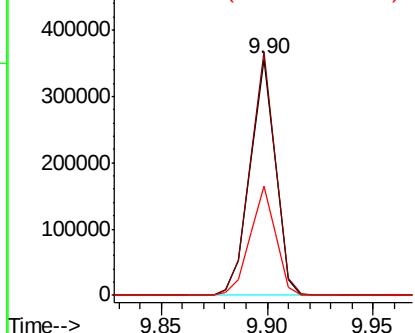


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.145 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.8	94.2
179	22.1	17.6	26.4
108	21.5	16.1	24.1

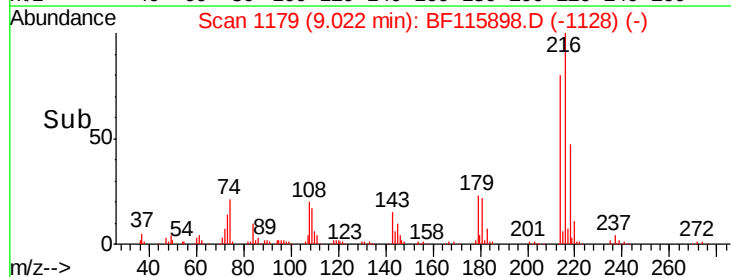
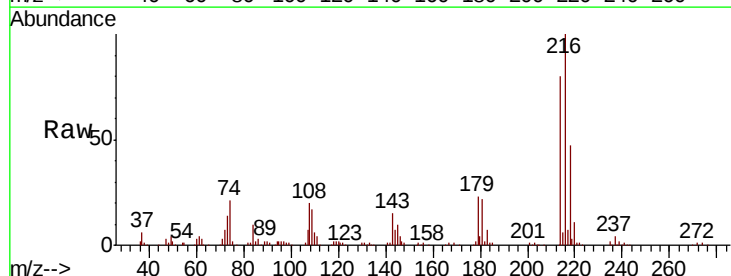
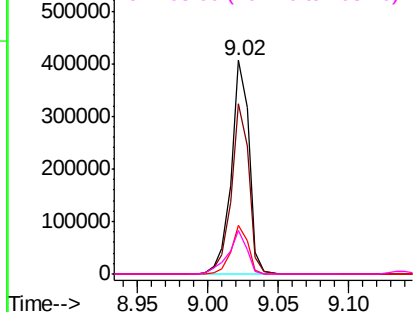
Abundance

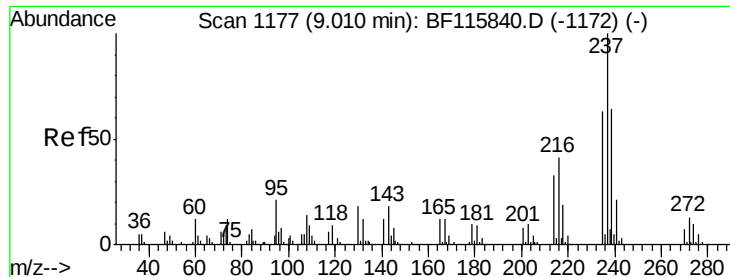
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 66.027 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Instrument :

BNA_F

ClientSampleId :

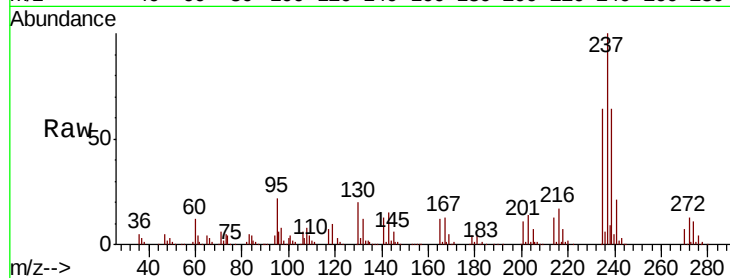
Tot Ion:237 Resp: 234675

Ion Ratio Lower Upper

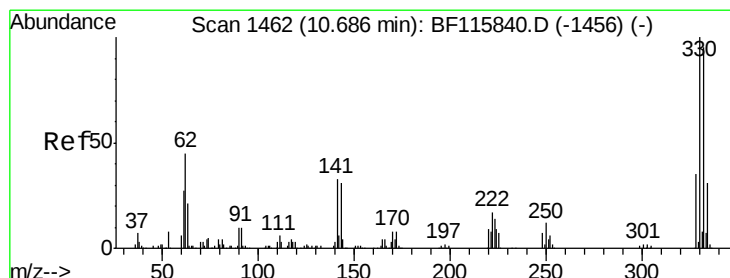
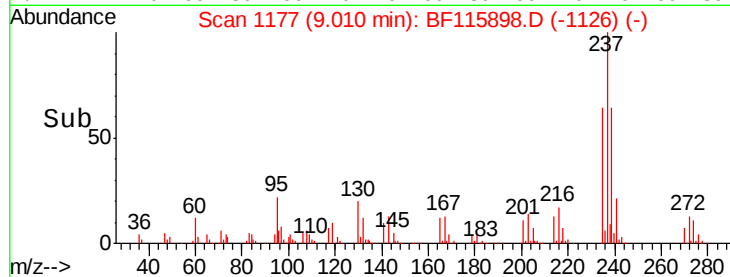
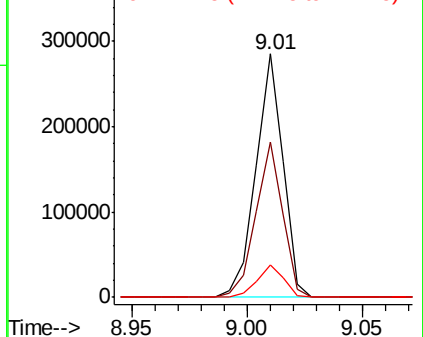
237 100

235 63.8 42.5 82.5

272 13.3 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 122.513 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

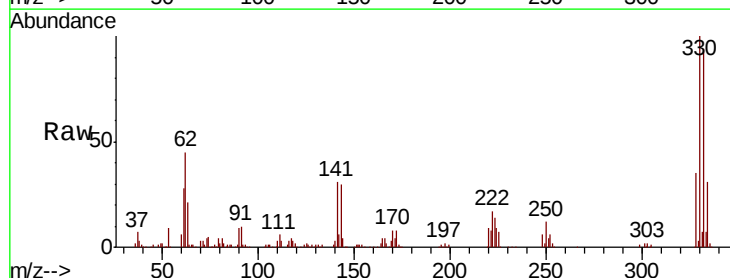
Tgt Ion:330 Resp: 357814

Ion Ratio Lower Upper

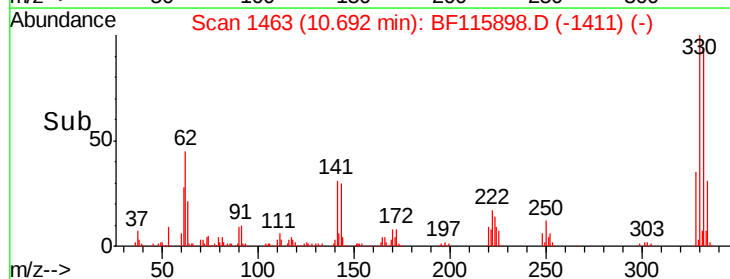
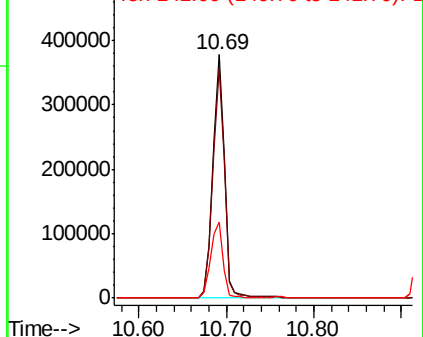
330 100

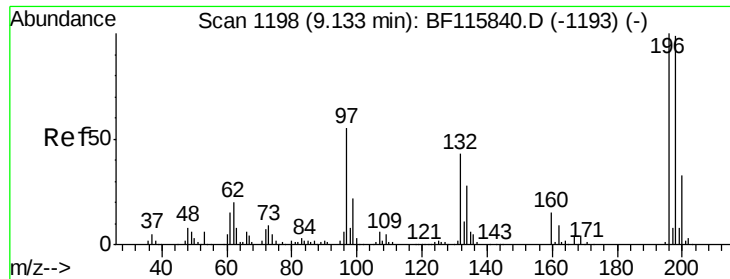
332 95.5 77.7 116.5

141 32.9 28.1 42.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

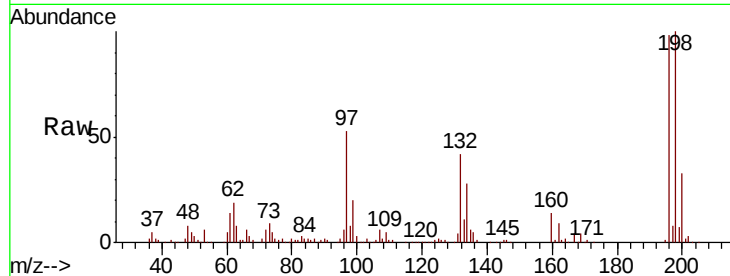




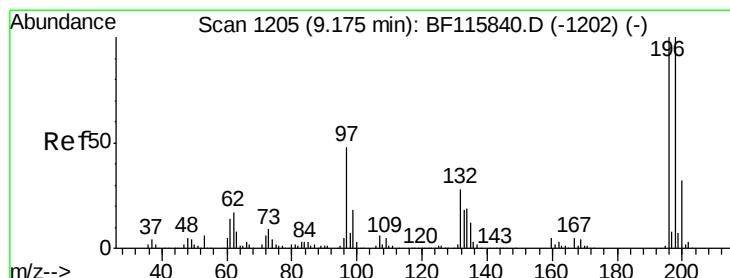
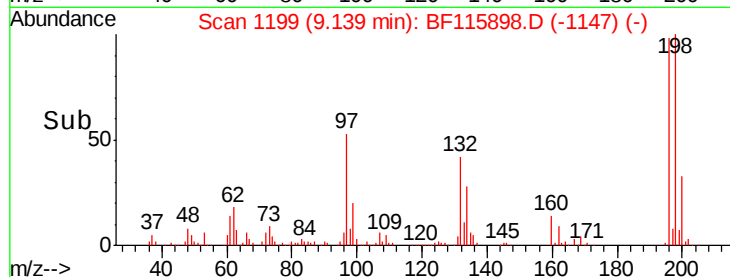
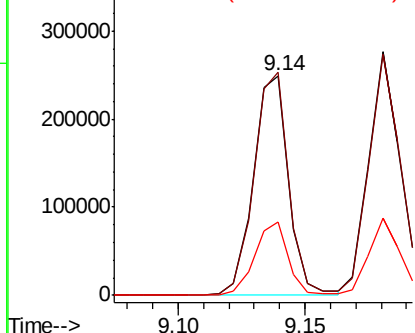
#43
 2,4,6-Trichlorophenol
 Concen: 43.588 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 241622
 Ion Ratio Lower Upper
 196 100
 198 101.9 79.1 118.7
 200 33.4 26.0 39.0

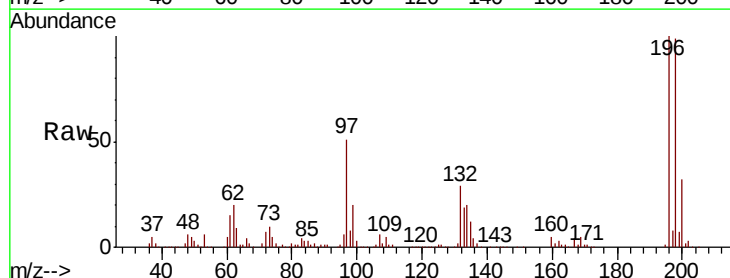


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

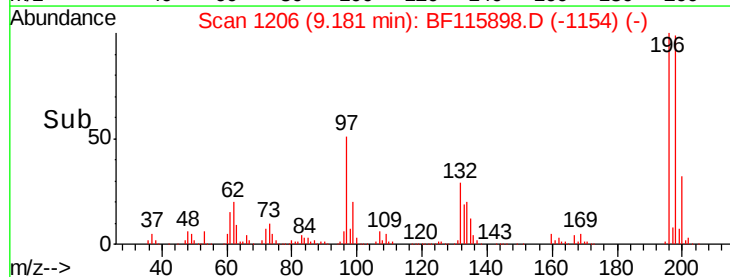
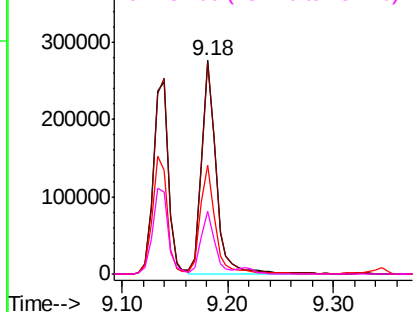


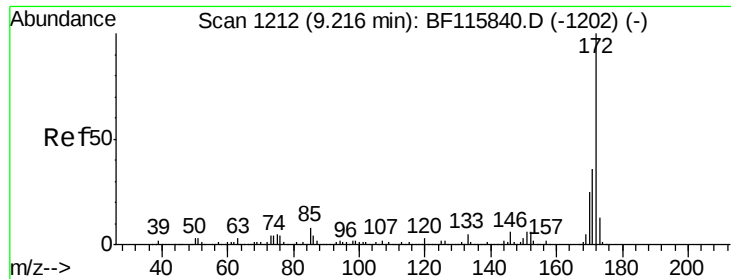
#44
 2,4,5-Trichlorophenol
 Concen: 45.248 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Tgt Ion:196 Resp: 259276
 Ion Ratio Lower Upper
 196 100
 198 99.2 80.1 120.1
 97 50.9 38.9 58.3
 132 29.1 22.6 33.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

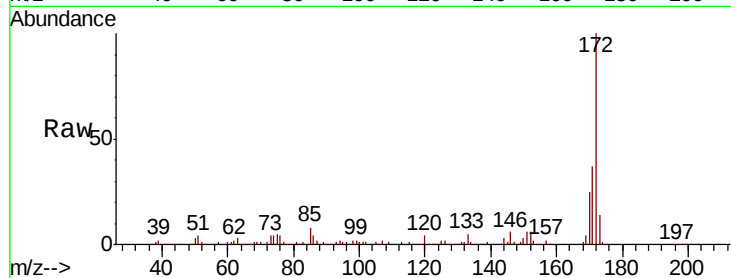




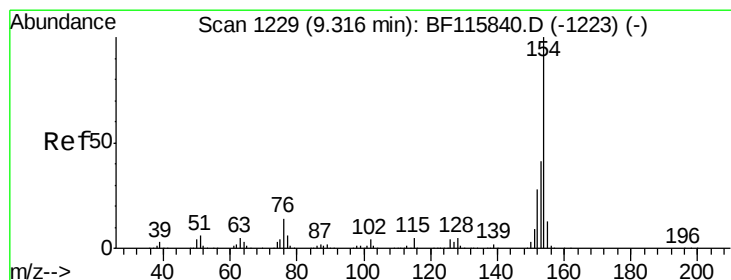
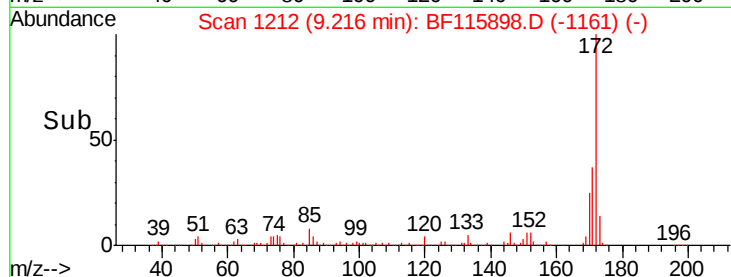
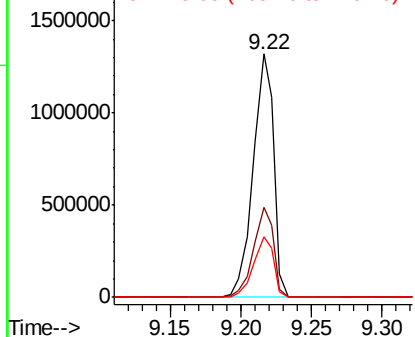
#45
2-Fluorobiphenyl
Concen: 84.201 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1354188
Ion Ratio Lower Upper
172 100
171 36.7 29.1 43.7
170 24.8 20.1 30.1

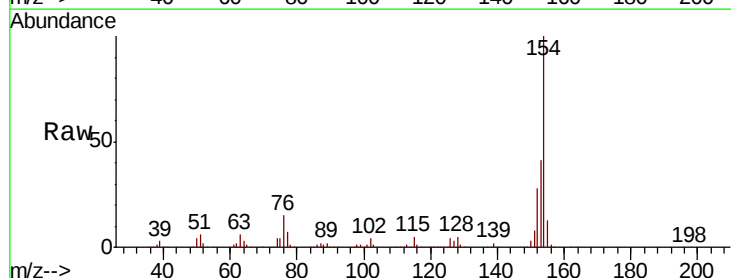


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

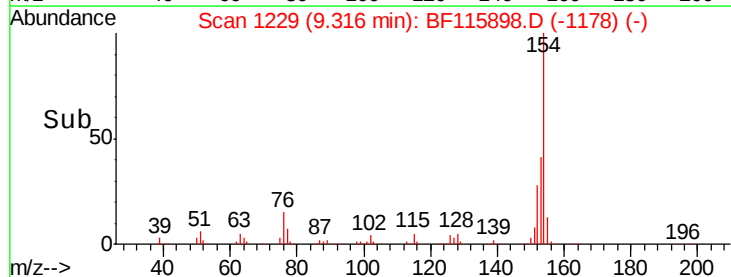
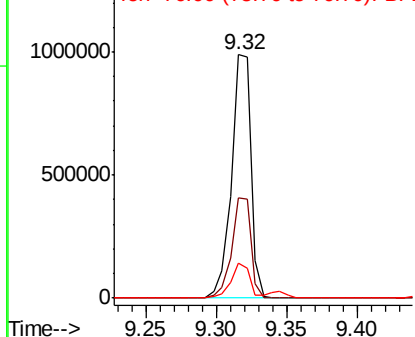


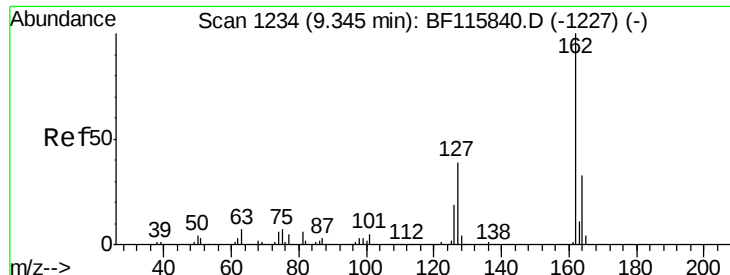
#46
1,1'-Biphenyl
Concen: 44.626 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion:154 Resp: 949089
Ion Ratio Lower Upper
154 100
153 40.9 20.9 60.9
76 14.6 0.0 34.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

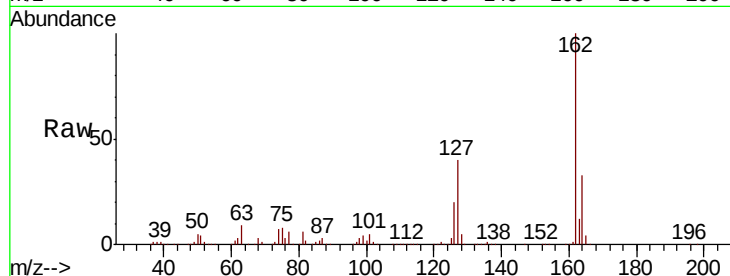




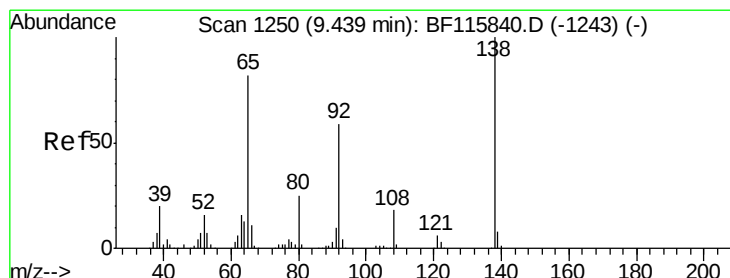
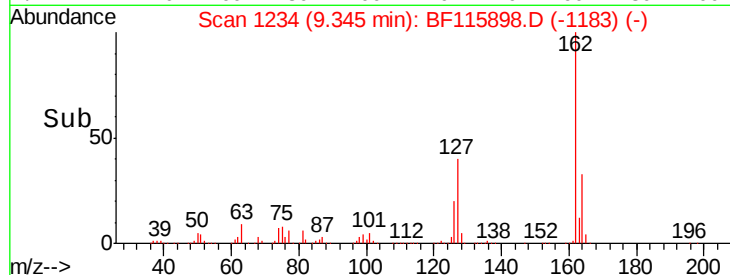
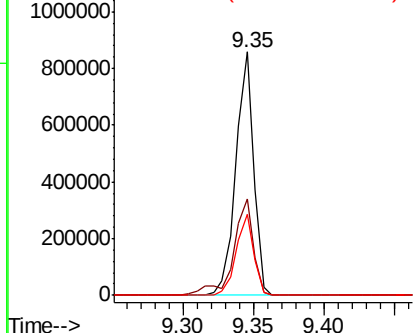
#47
 2-Chloronaphthalene
 Concen: 42.629 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	31.3	46.9
164	33.4	26.6	40.0

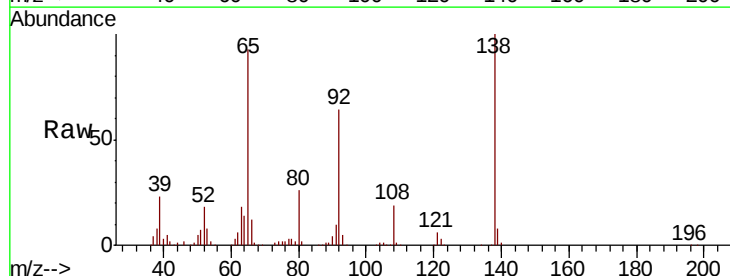


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

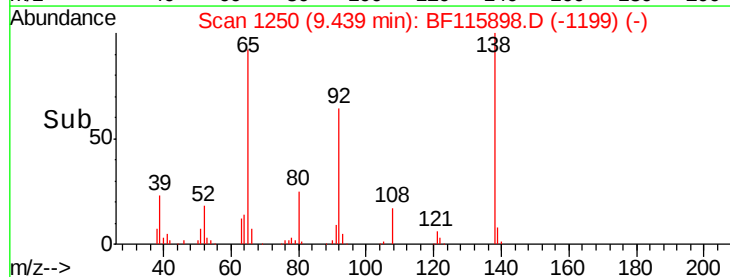
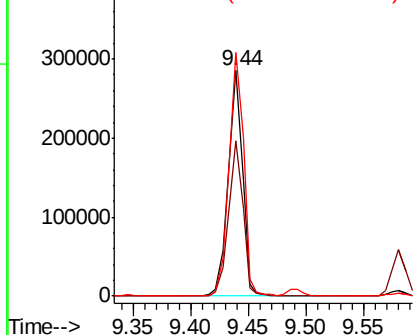


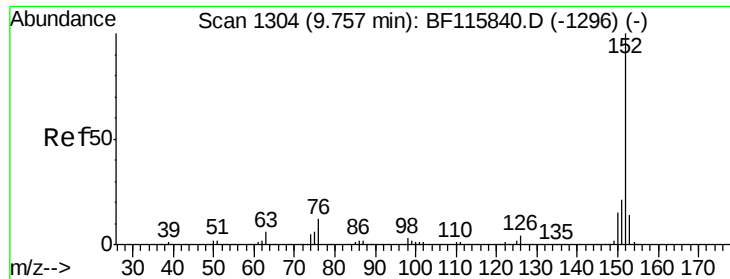
#48
 2-Nitroaniline
 Concen: 42.273 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.0	57.1	85.7
138	108.0	97.1	145.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.666 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Instrument :

BNA_F

ClientSampleId :

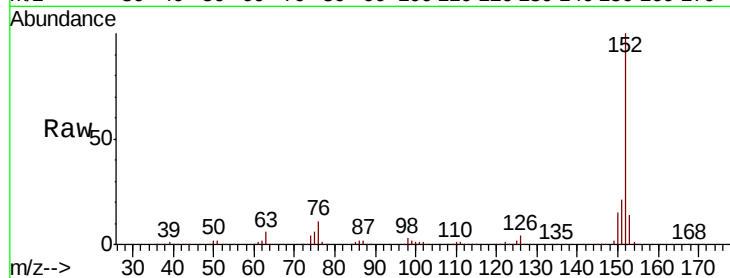
Tot Ion:152 Resp: 1179265

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

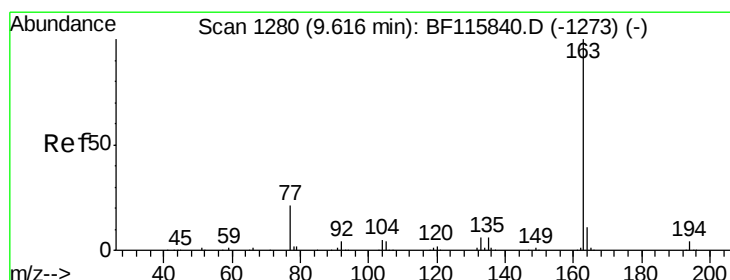
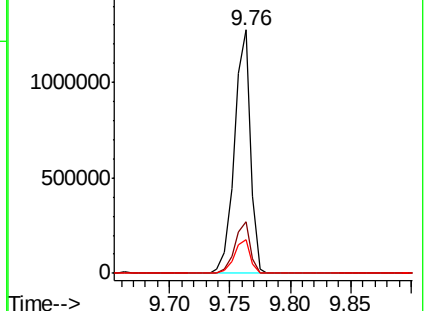
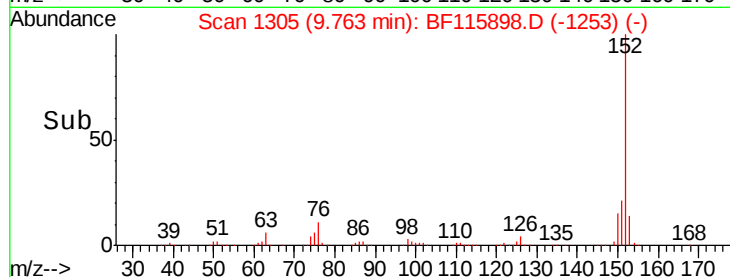
153 13.7 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.812 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

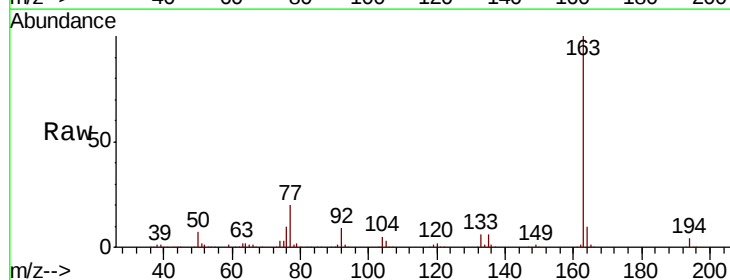
Tgt Ion:163 Resp: 919139

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

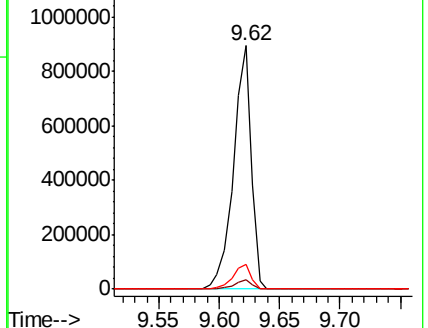
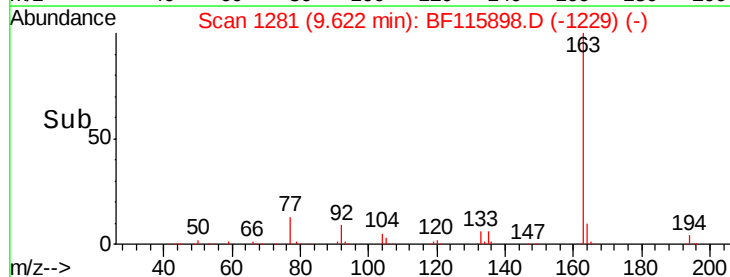
164 10.4 8.4 12.6

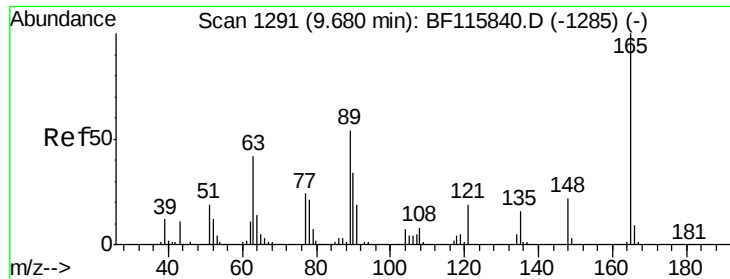


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

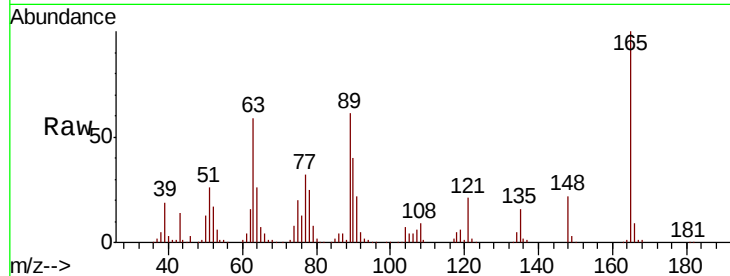




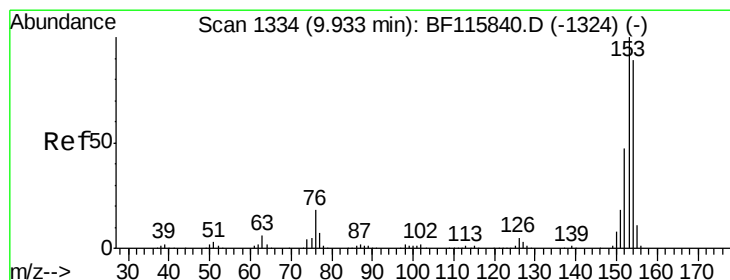
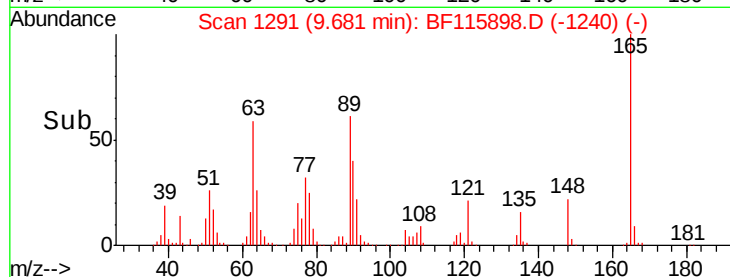
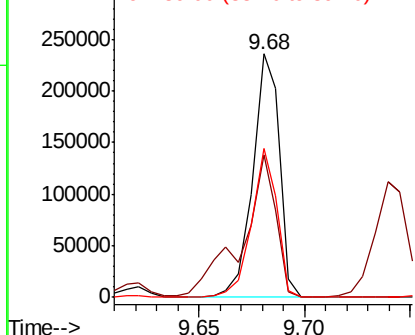
#51
 2,6-Dinitrotoluene
 Concen: 46.530 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 207406
 Ion Ratio Lower Upper
 165 100
 63 58.7 39.4 59.2
 89 61.0 43.0 64.6

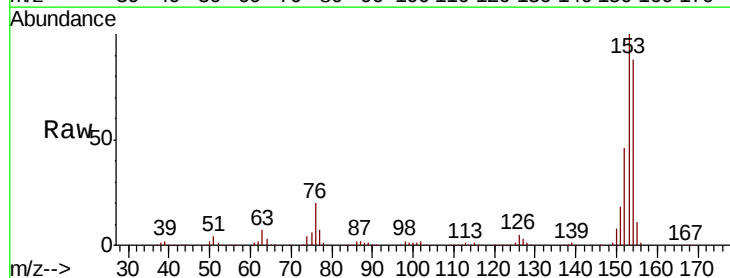


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

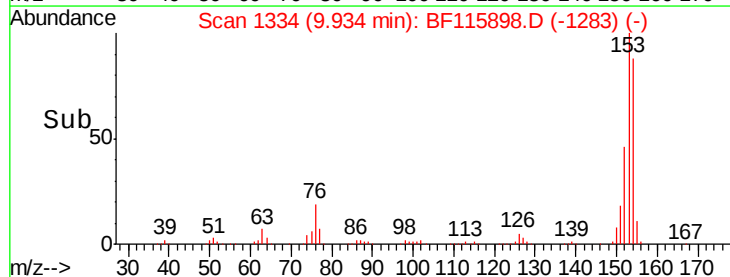
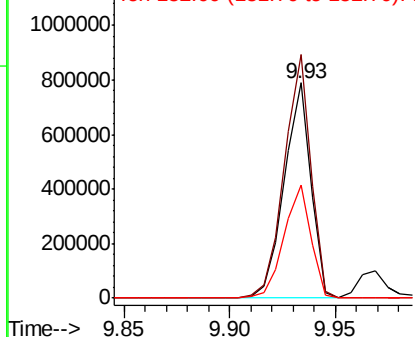


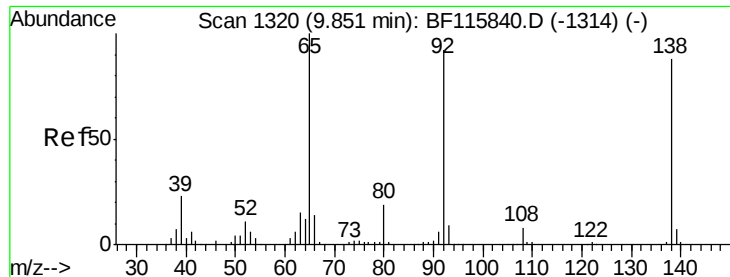
#52
 Acenaphthene
 Concen: 44.048 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Tgt Ion:154 Resp: 697845
 Ion Ratio Lower Upper
 154 100
 153 113.0 90.1 135.1
 152 52.5 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

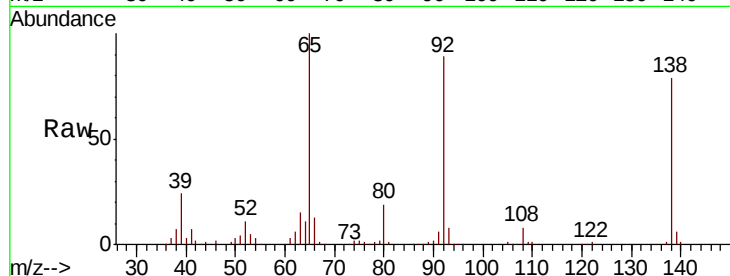




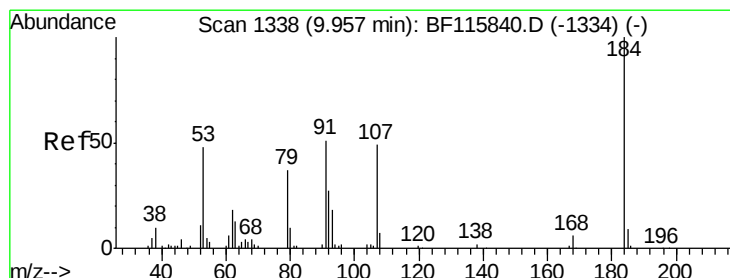
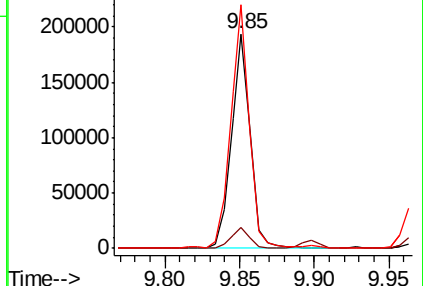
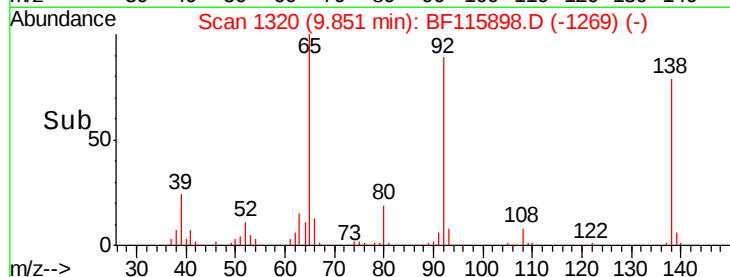
#53
3-Nitroaniline
Concen: 31.306 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 172424
Ion Ratio Lower Upper
138 100
108 9.8 7.4 11.2
92 113.6 83.9 125.9

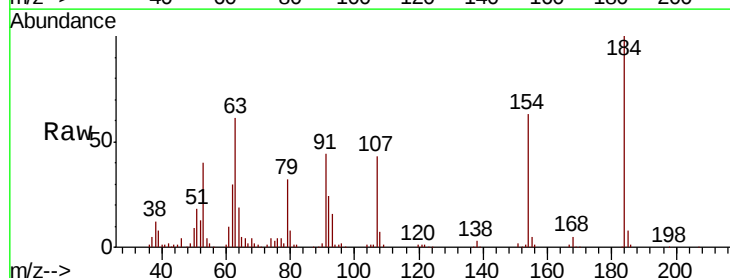


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

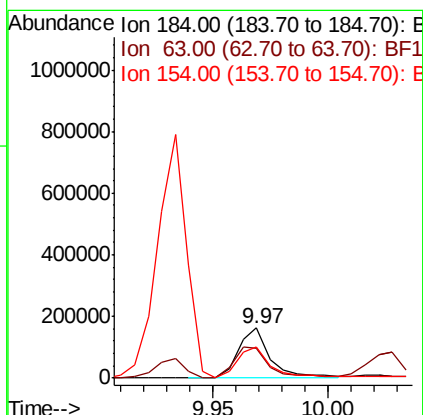
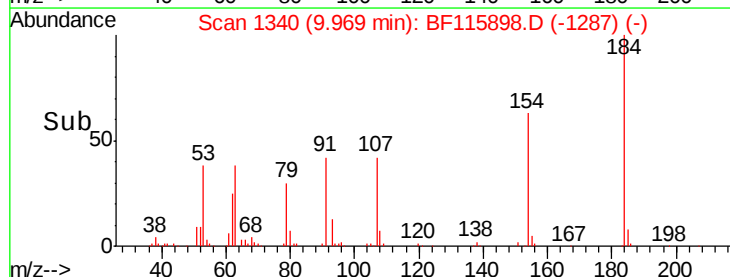


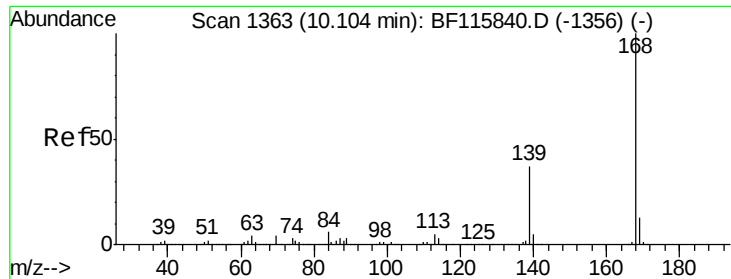
#54
2,4-Dinitrophenol
Concen: 70.313 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion:184 Resp: 157030
Ion Ratio Lower Upper
184 100
63 60.6 56.7 85.1
154 62.8 51.9 77.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

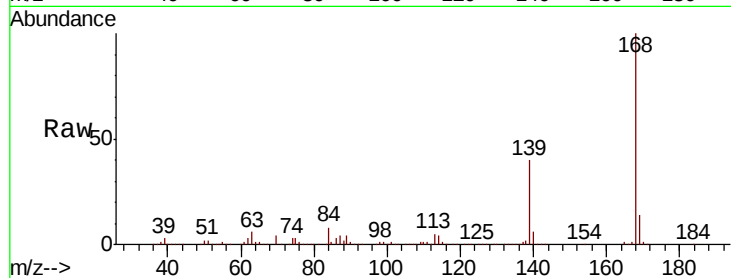




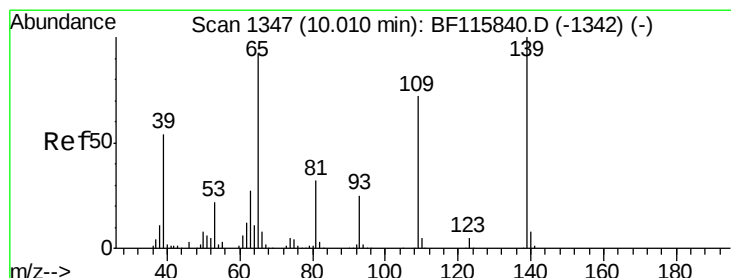
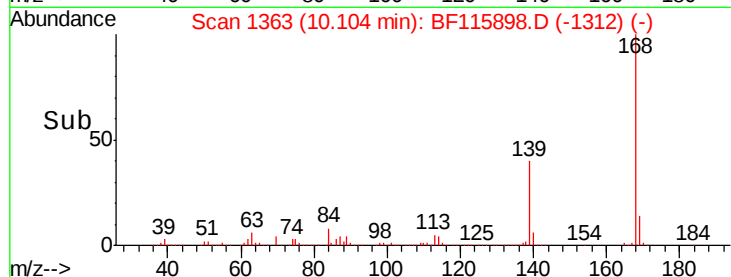
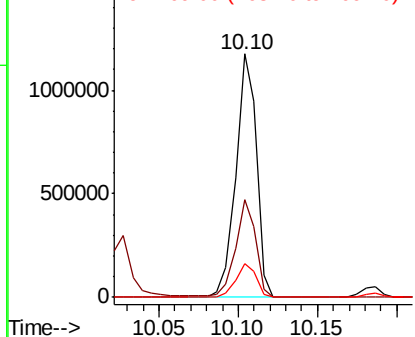
#55
Dibenzenofuran
Concen: 45.884 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1057136
Ion Ratio Lower Upper
168 100
139 39.9 30.2 45.2
169 14.0 10.8 16.2

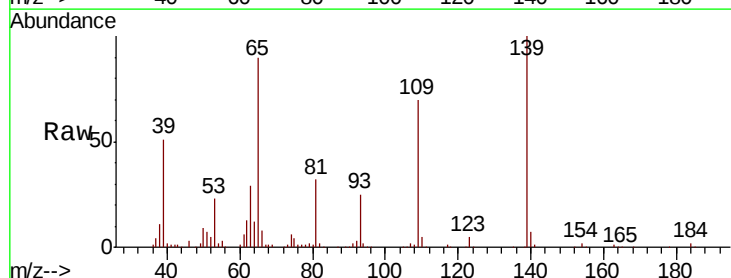


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

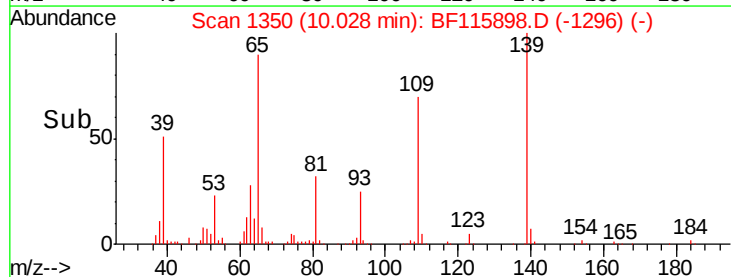
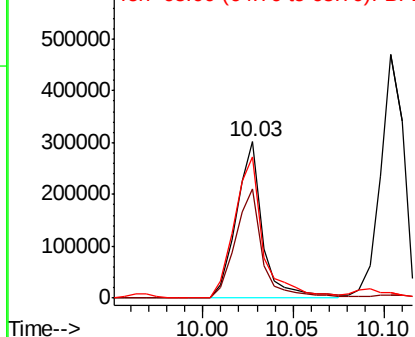


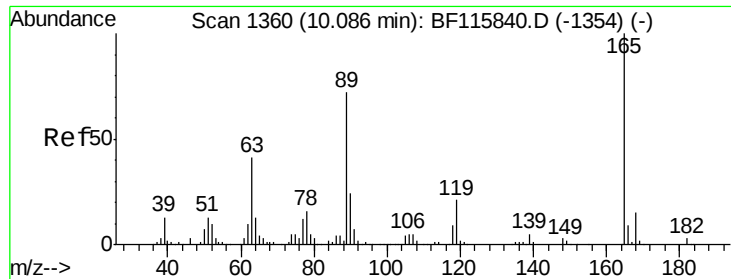
#56
4-Nitrophenol
Concen: 86.608 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion:139 Resp: 305575
Ion Ratio Lower Upper
139 100
109 69.5 52.0 92.0
65 90.4 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

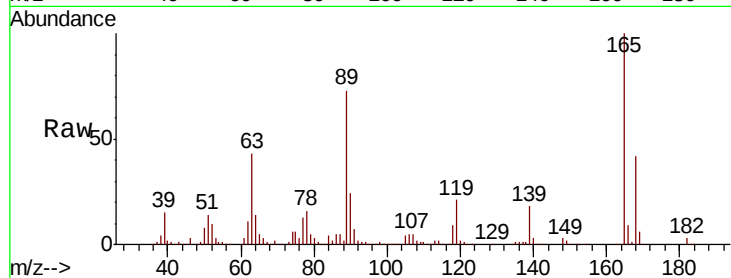




#57
2,4-Dinitrotoluene
Concen: 46.311 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.4	33.2	49.8
89	73.0	57.3	85.9
182	2.6	2.1	3.1



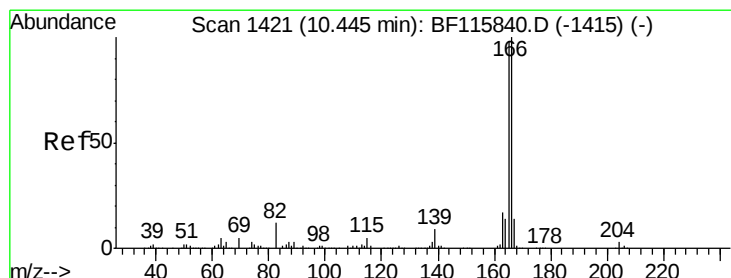
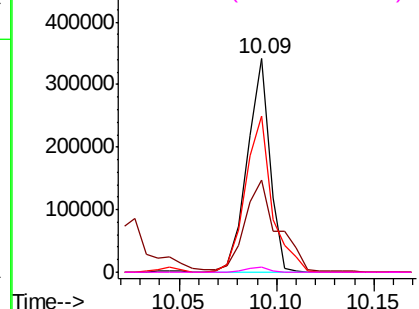
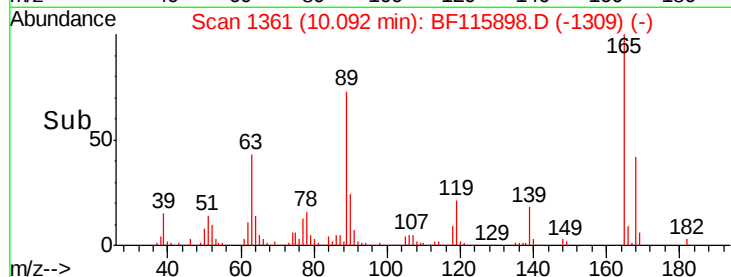
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

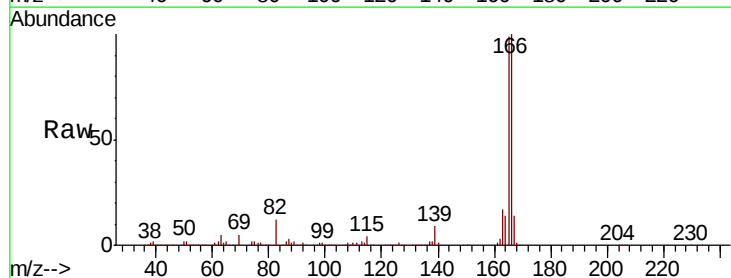
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 46.070 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	118.0
167	13.7	10.9	16.3

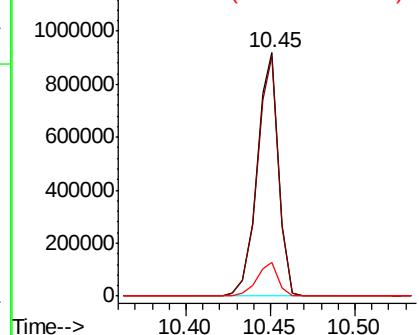
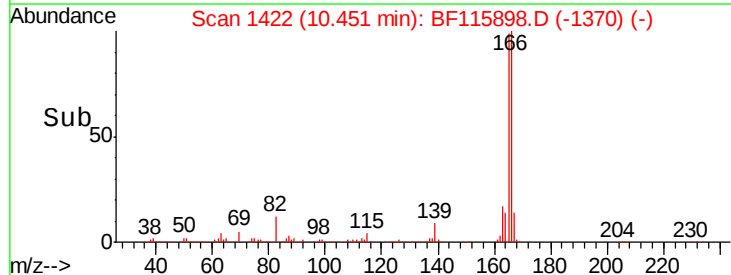


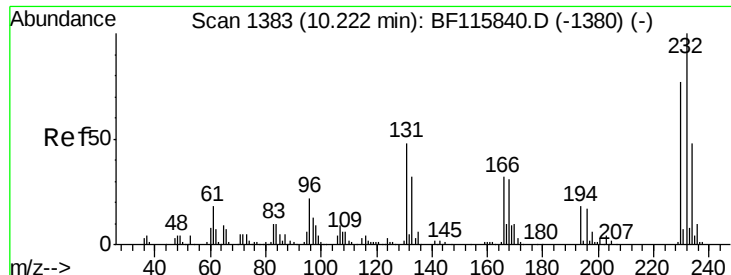
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

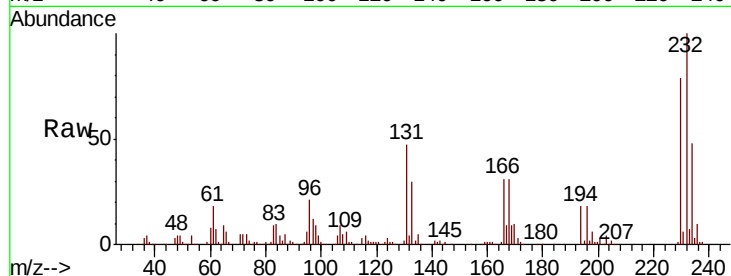




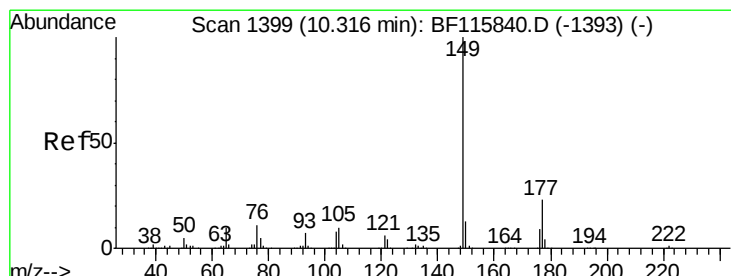
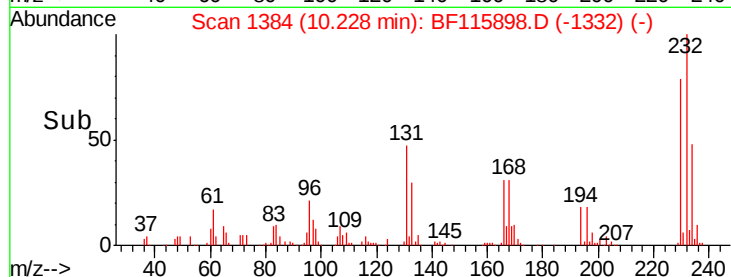
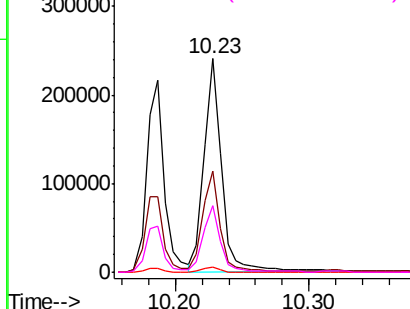
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.715 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.6	37.6	56.4
130	2.4	1.8	2.8
166	30.5	24.6	37.0

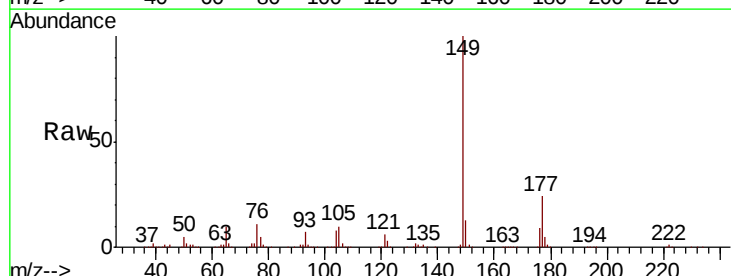


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

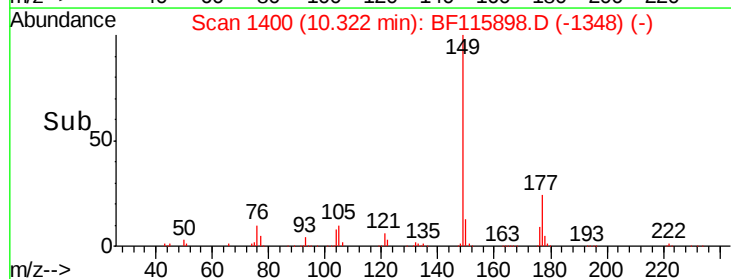
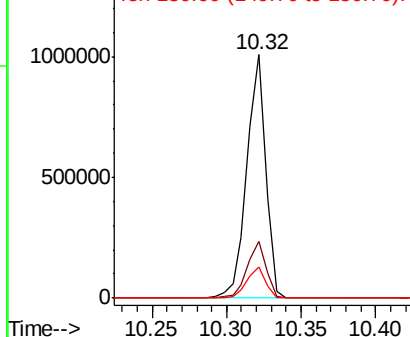


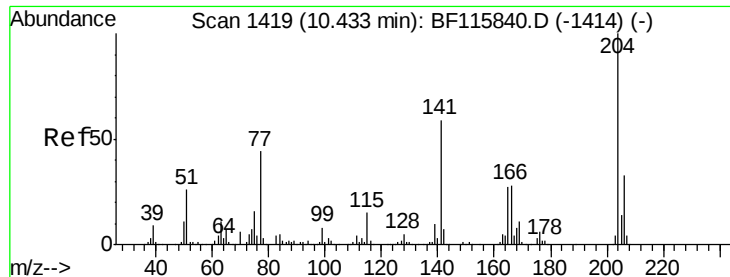
#60
Diethylphthalate
Concen: 46.162 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.4	27.6
150	12.9	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 45.888 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Instrument :

BNA_F

ClientSampleId :

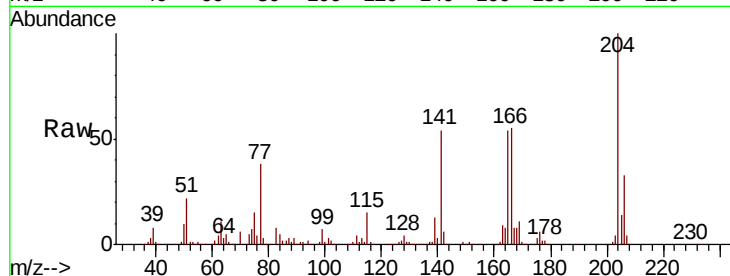
Tot Ion:204 Resp: 411950

Ion Ratio Lower Upper

204 100

206 32.6 26.4 39.6

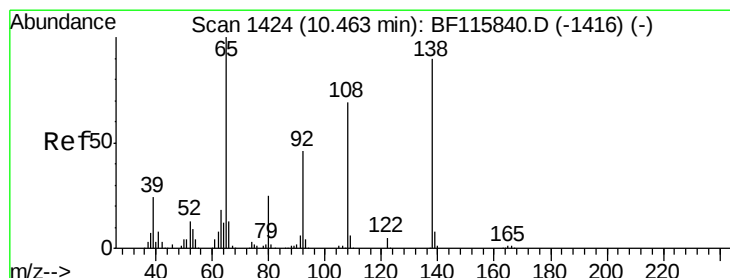
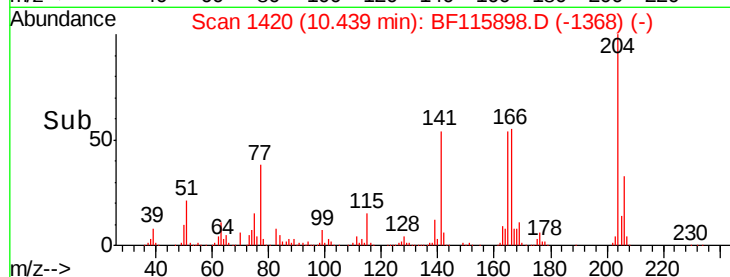
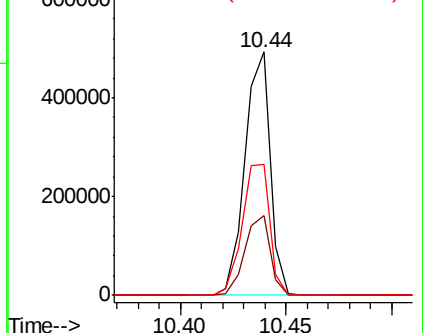
141 53.7 47.0 70.4



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 41.151 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

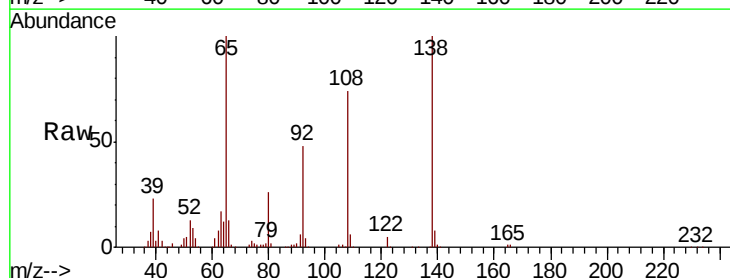
Tgt Ion:138 Resp: 234226

Ion Ratio Lower Upper

138 100

92 47.7 31.0 71.0

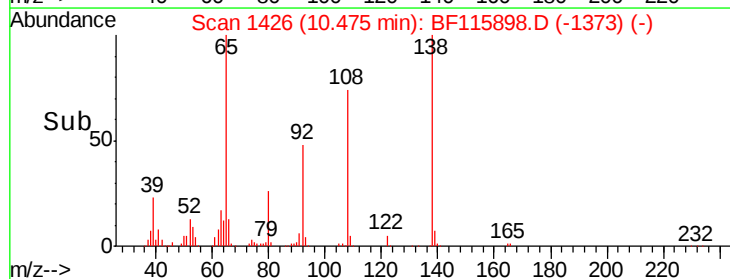
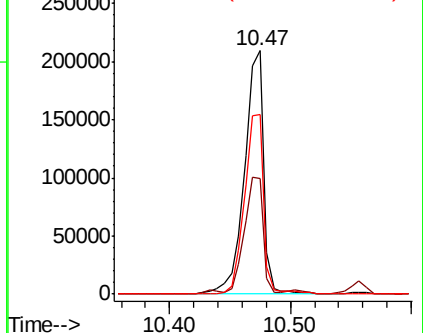
108 73.9 56.7 96.7

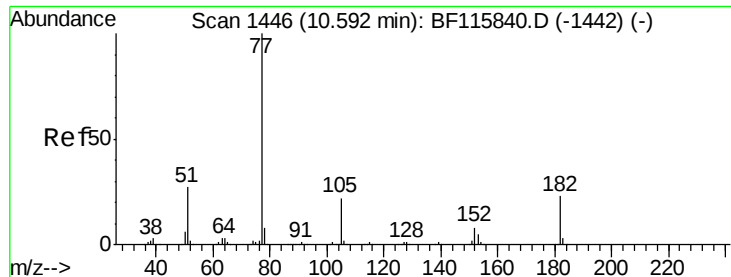


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

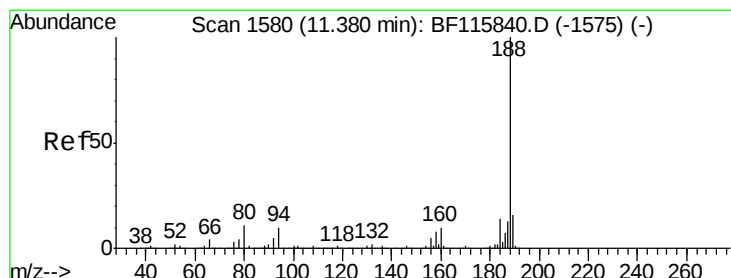
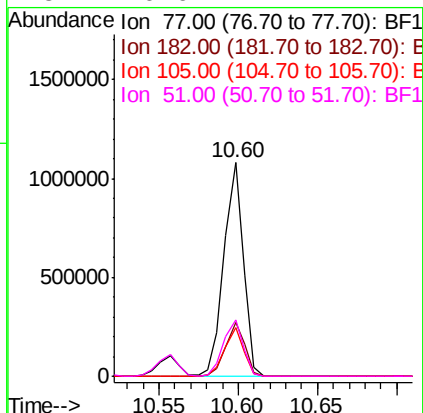
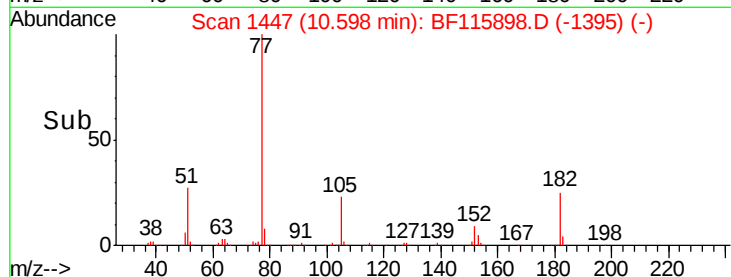
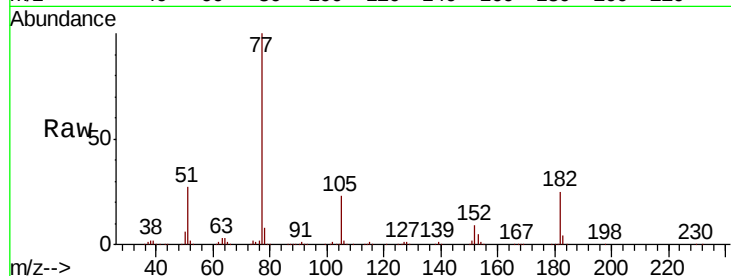




#63
Azobenzene
Concen: 46.647 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

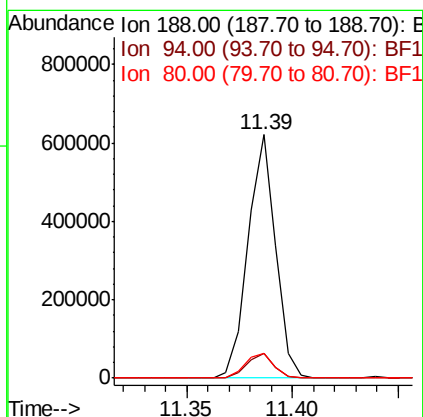
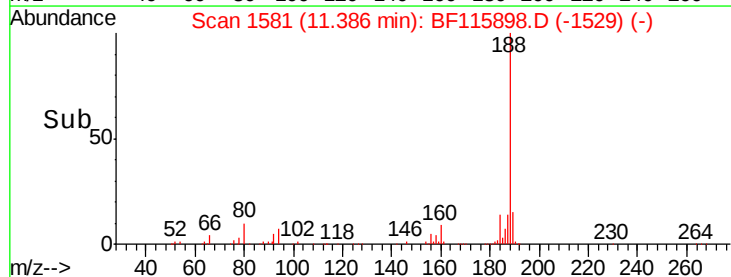
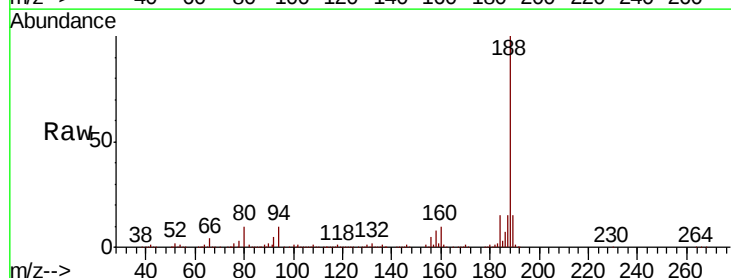
Instrument :
BNA_F
ClientSampleId :

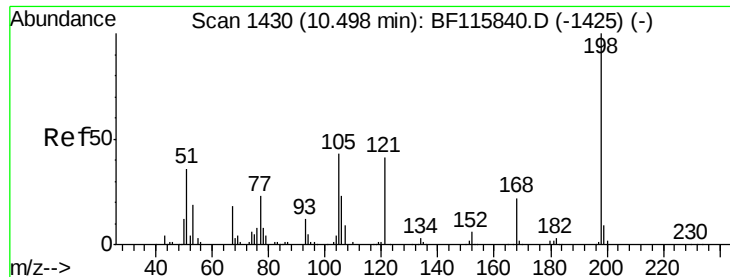
Tot Ion:	77	Resp:	918793
Ion	Ratio	Lower	Upper
77	100		
182	25.0	2.6	42.6
105	22.6	1.6	41.6
51	26.6	7.4	47.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion:	188	Resp:	561717
Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.0	12.0
80	10.2	8.6	12.8





#65

4,6-Dinitro-2-methylphenol

Concen: 44.426 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Instrument :

BNA_F

ClientSampled :

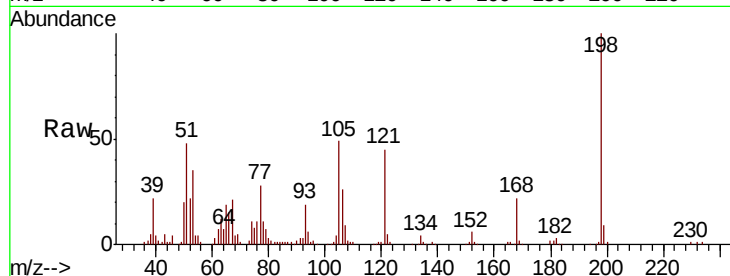
Tot Ion:198 Resp: 132244

Ion	Ratio	Lower	Upper
198	100		
51	48.3	21.1	61.1
105	49.2	24.5	64.5

198 100

51 48.3 21.1 61.1

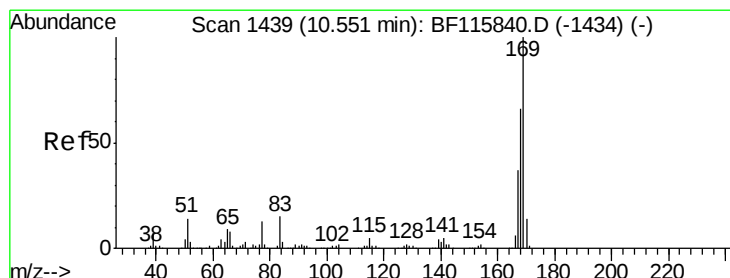
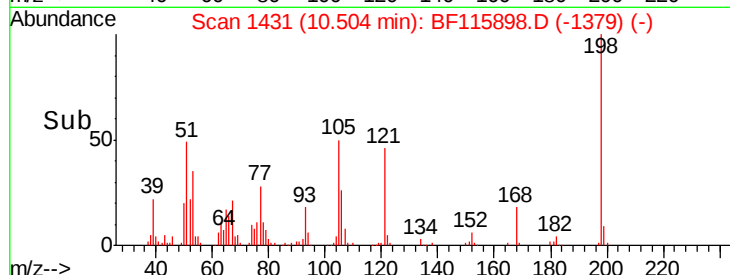
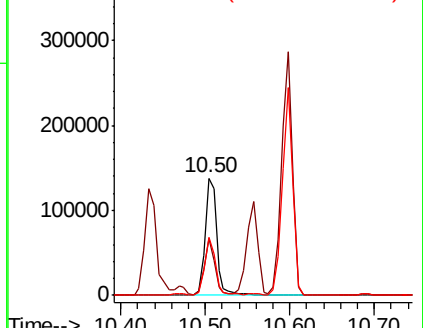
105 49.2 24.5 64.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.041 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

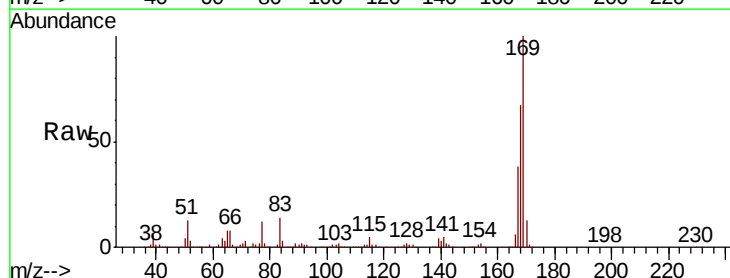
Tgt Ion:169 Resp: 744613

Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.0	79.6
167	37.8	29.9	44.9

169 100

168 67.1 53.0 79.6

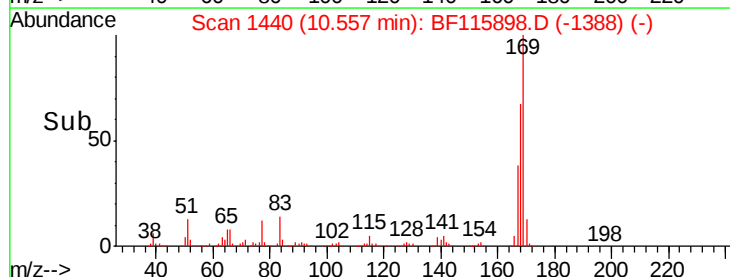
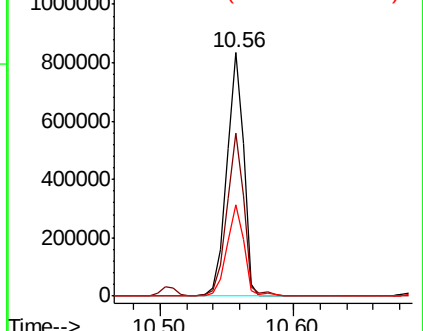
167 37.8 29.9 44.9

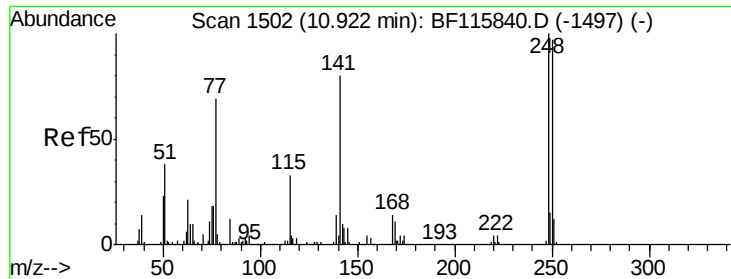


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

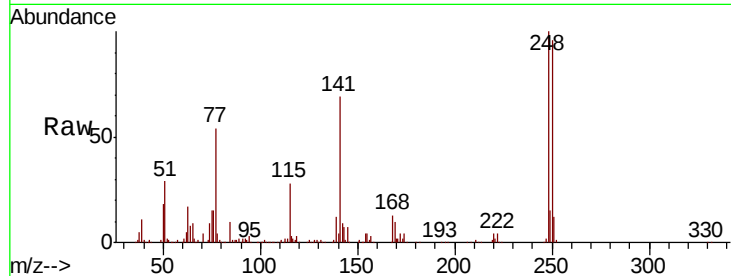




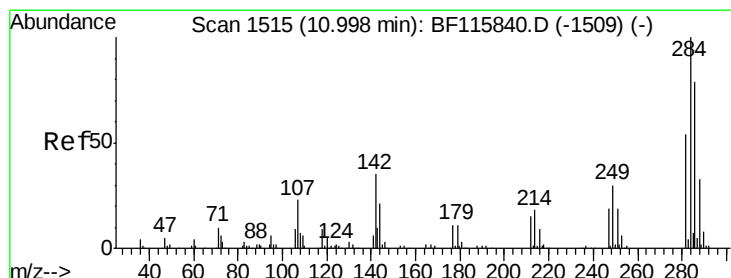
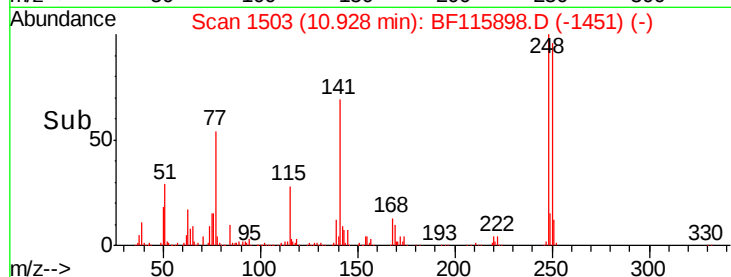
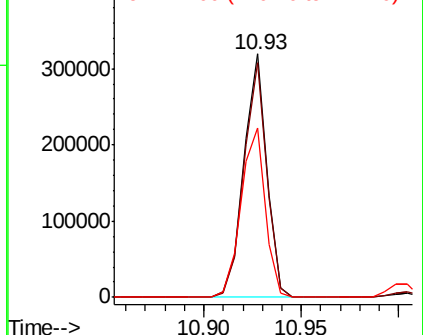
#67
4-Bromophenyl-phenylether
Concen: 43.219 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 259884
Ion Ratio Lower Upper
248 100
250 96.3 77.8 116.6
141 69.3 64.3 96.5

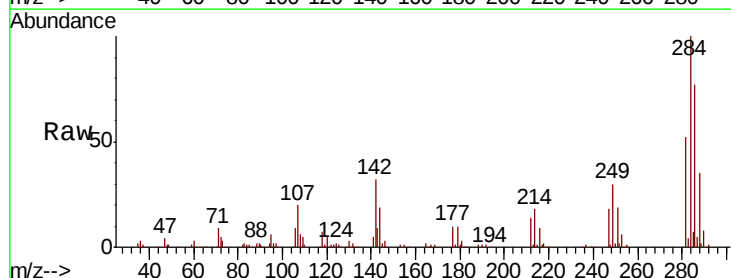


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

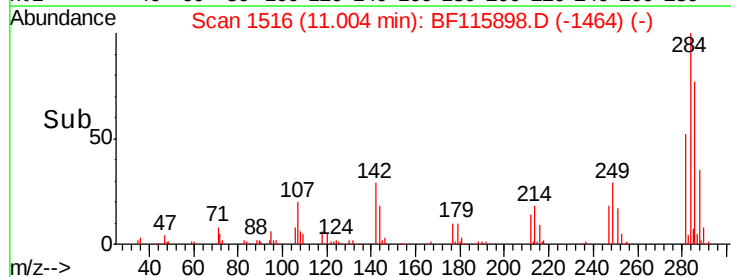
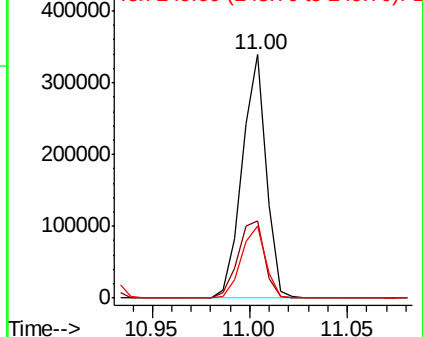


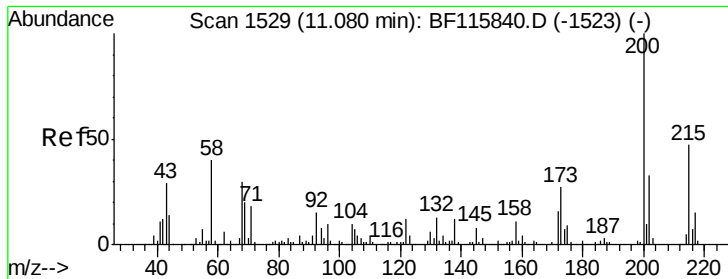
#68
Hexachlorobenzene
Concen: 41.490 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion:284 Resp: 288494
Ion Ratio Lower Upper
284 100
142 31.6 28.2 42.2
249 29.5 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

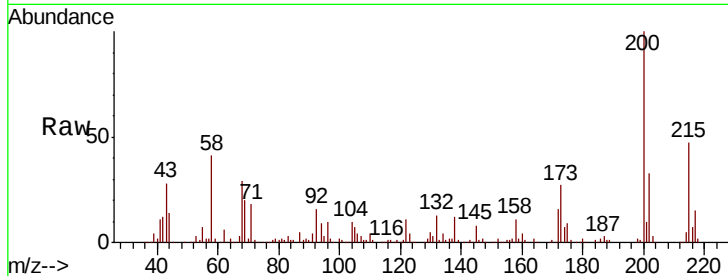




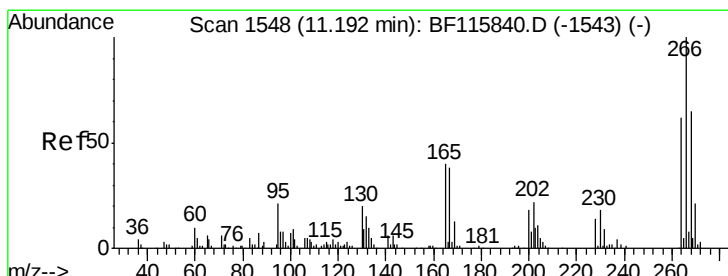
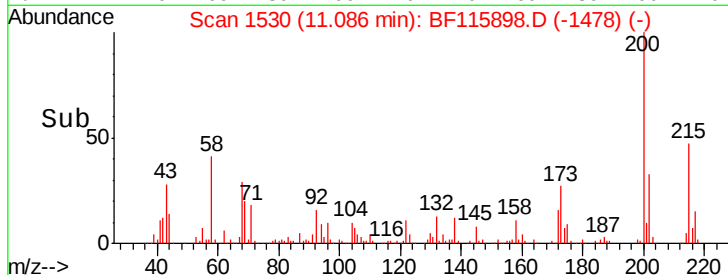
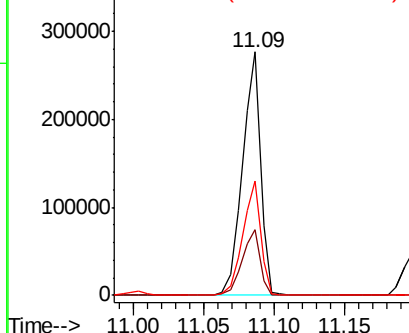
#69
 Atrazine
 Concen: 44.291 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.3	47.3
215	46.9	26.9	66.9

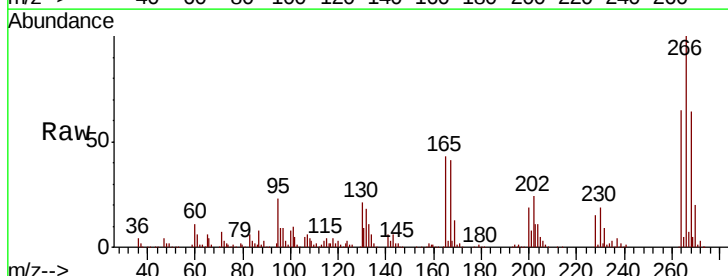


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

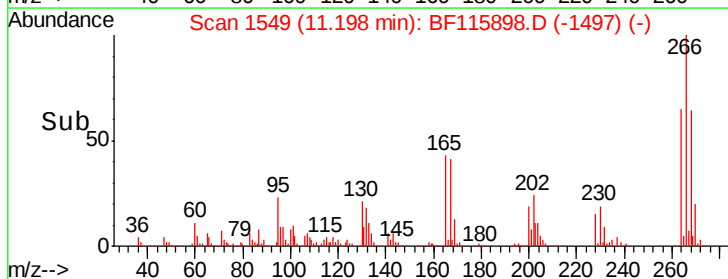
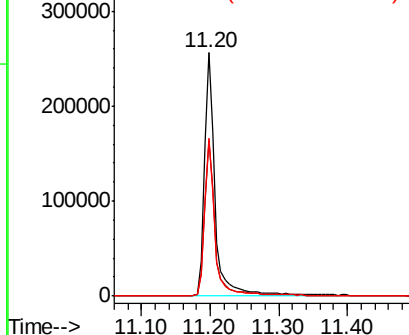


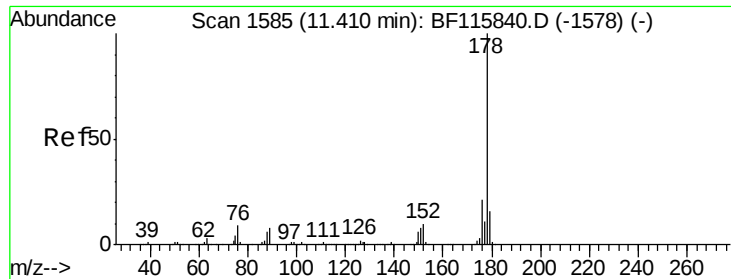
#70
 Pentachlorophenol
 Concen: 86.754 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.6	77.4
264	64.8	49.4	74.0



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.550 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

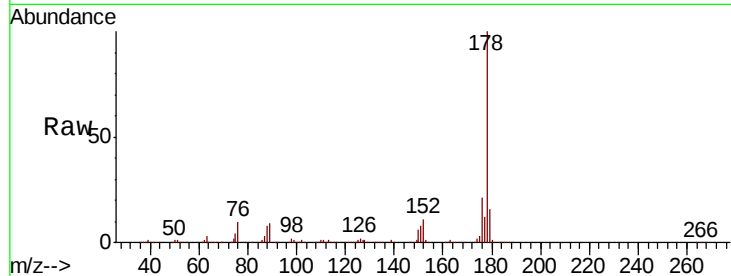
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1250580

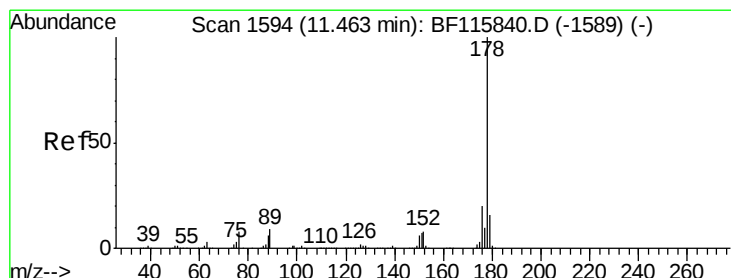
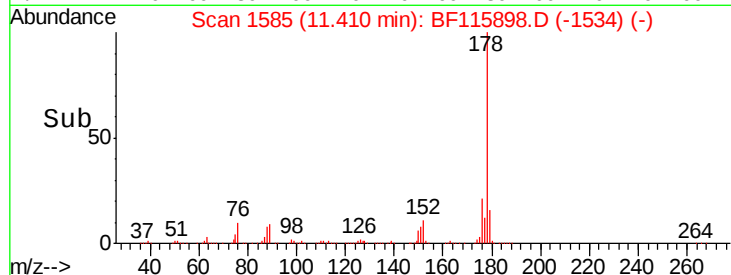
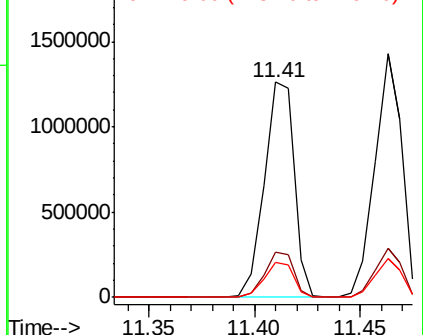
Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.5	24.7
179	16.3	12.6	18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.232 ng

RT: 11.46 min Scan# 1594

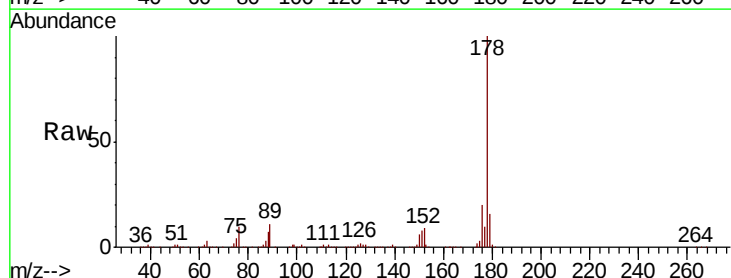
Delta R.T. 0.00 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Tgt Ion:178 Resp: 1285482

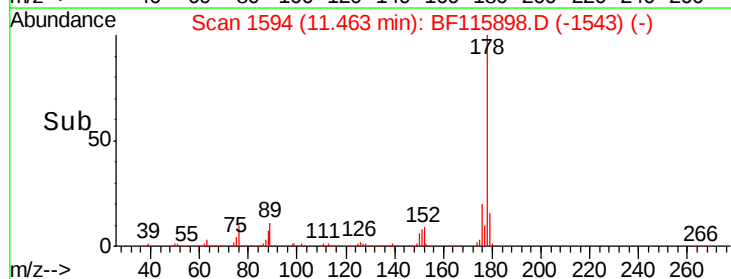
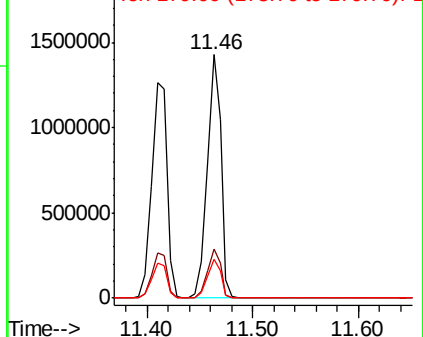
Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	16.1	12.4	18.6

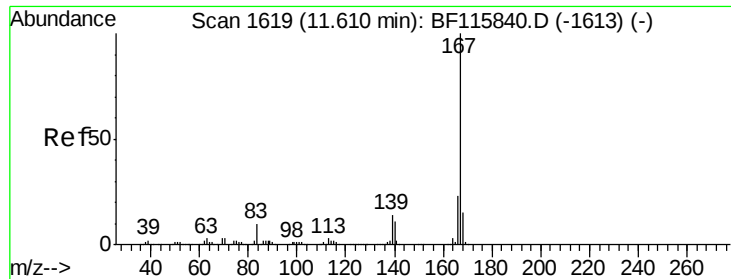


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.842 ng

RT: 11.62 min Scan# 1620

Delta R.T. 0.01 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Instrument :

BNA_F

ClientSampleId :

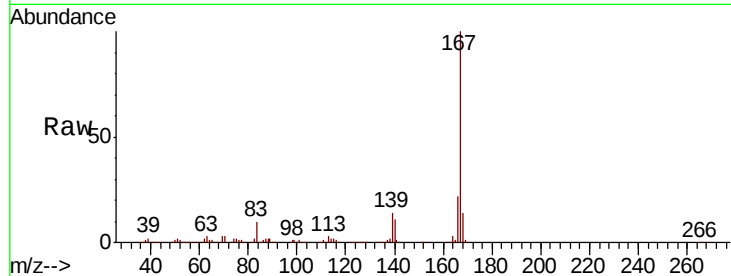
Tot Ion:167 Resp: 1155945

Ion Ratio Lower Upper

167 100

166 22.4 18.0 27.0

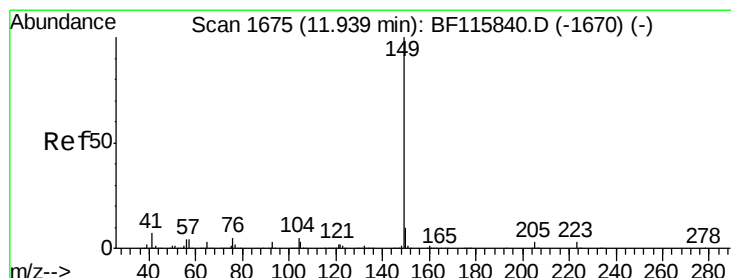
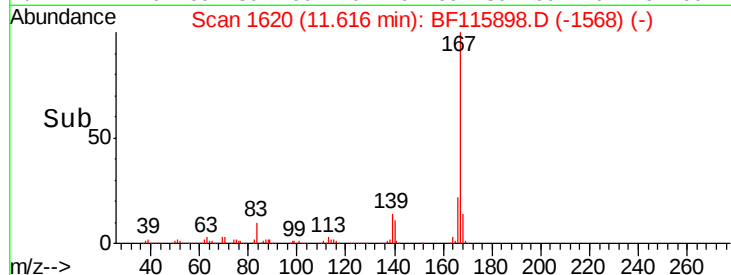
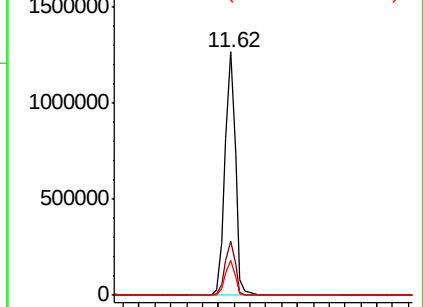
139 14.2 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.936 ng

RT: 11.95 min Scan# 1676

Delta R.T. 0.01 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

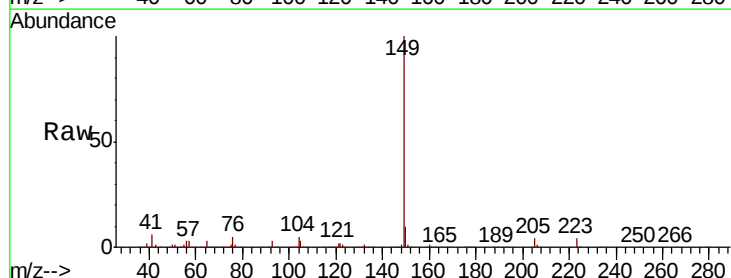
Tgt Ion:149 Resp: 1412874

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

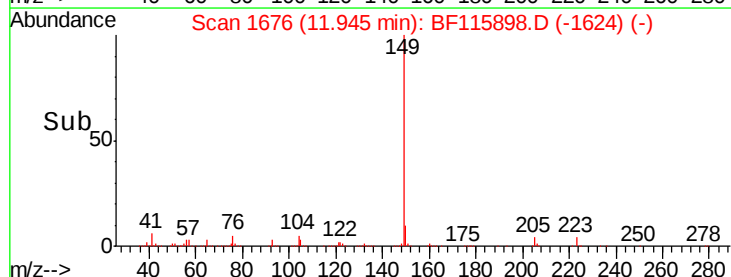
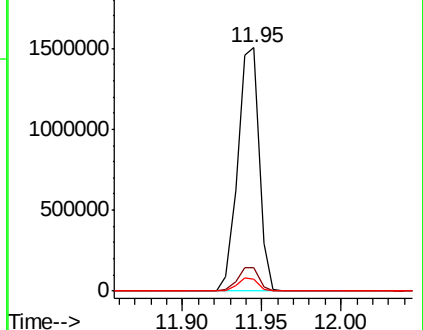
104 5.0 4.3 6.5

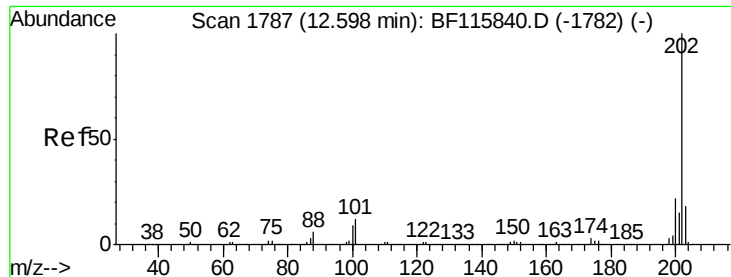


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

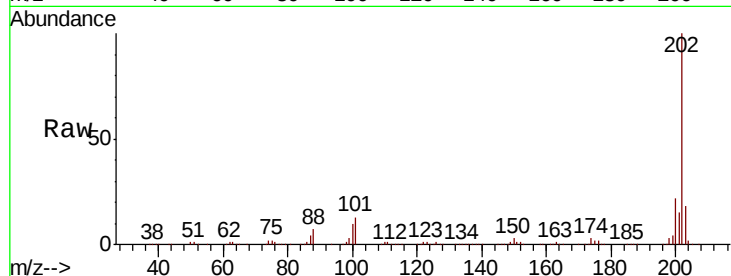




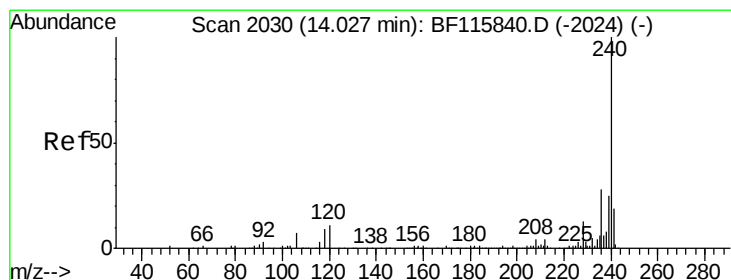
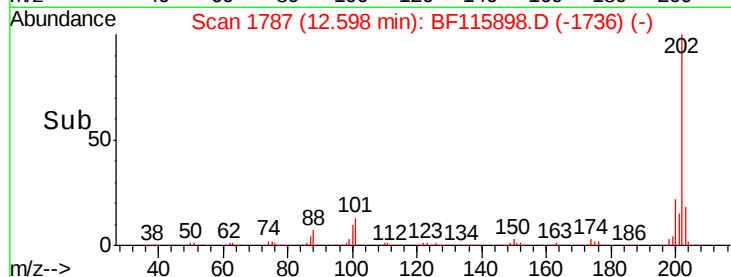
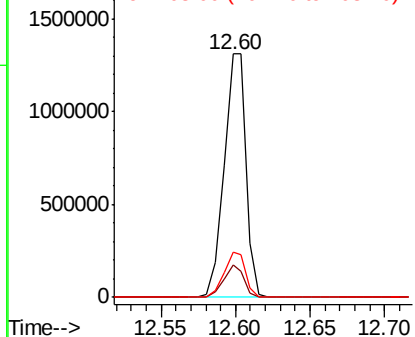
#75
Fluoranthene
Concen: 45.368 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1363885
Ion Ratio Lower Upper
202 100
101 13.5 0.0 31.5
203 18.4 0.0 37.9

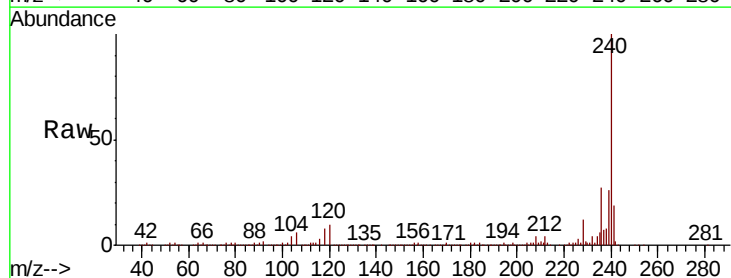


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

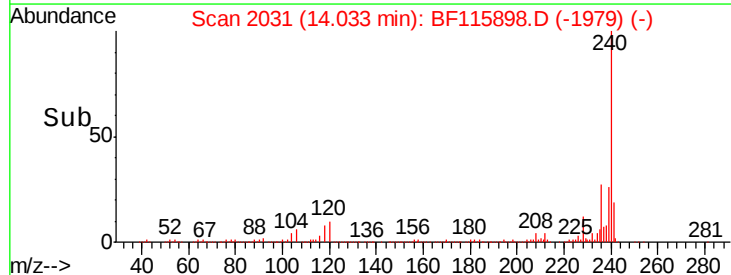
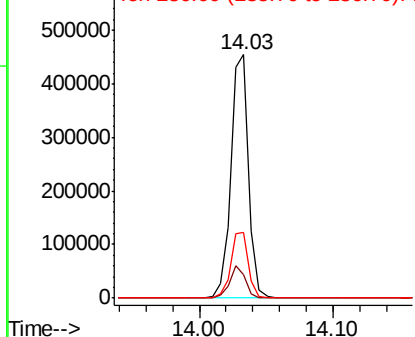


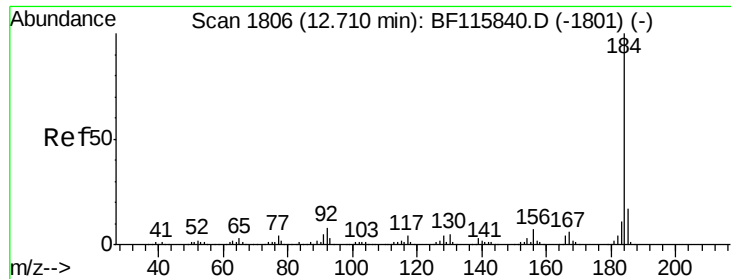
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion:240 Resp: 421613
Ion Ratio Lower Upper
240 100
120 9.8 8.5 12.7
236 27.2 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

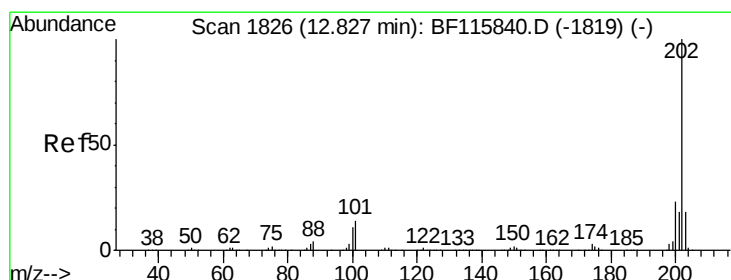
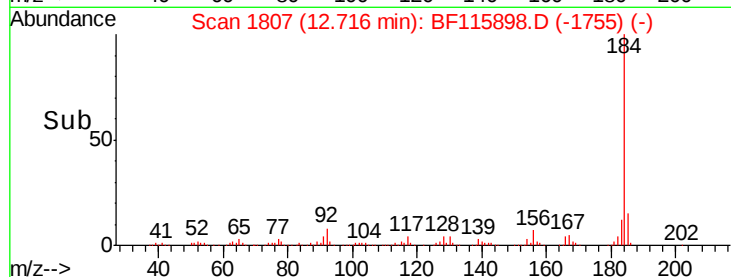
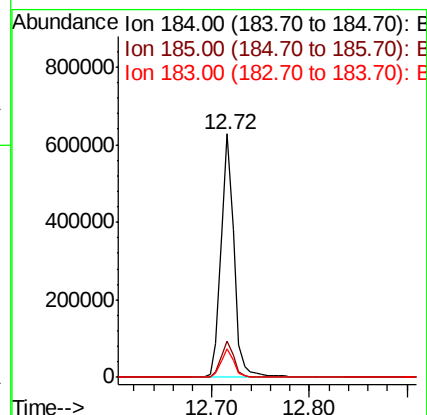
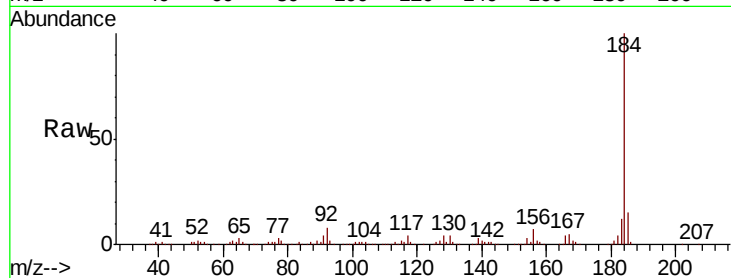




#77
Benzidine
Concen: 40.915 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

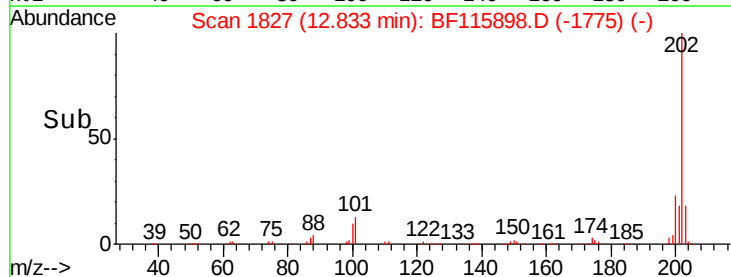
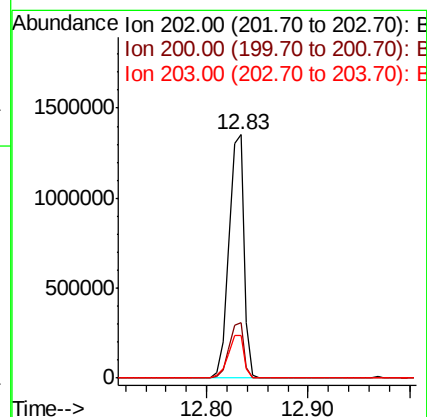
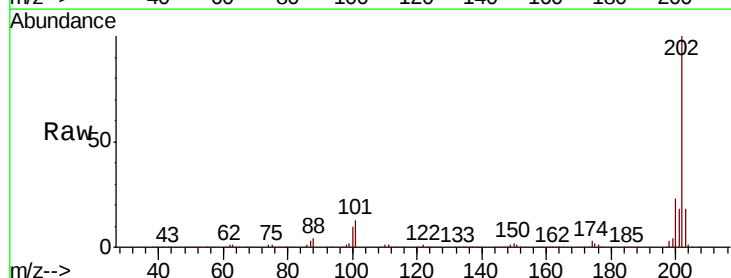
Instrument :
BNA_F
ClientSampleId :

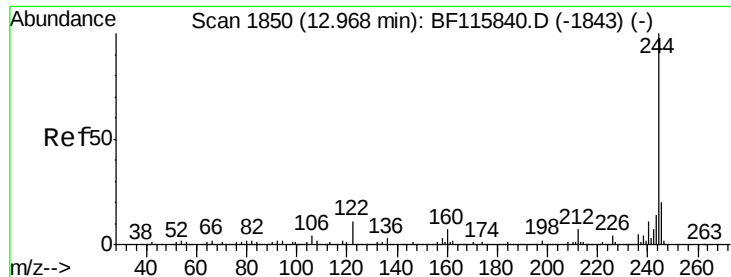
Tot Ion:184 Resp: 582792
Ion Ratio Lower Upper
184 100
185 14.8 13.4 20.2
183 11.5 9.1 13.7



#78
Pyrene
Concen: 43.724 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion:202 Resp: 1389615
Ion Ratio Lower Upper
202 100
200 22.7 18.2 27.2
203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 83.494 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Instrument :

BNA_F

ClientSampleId :

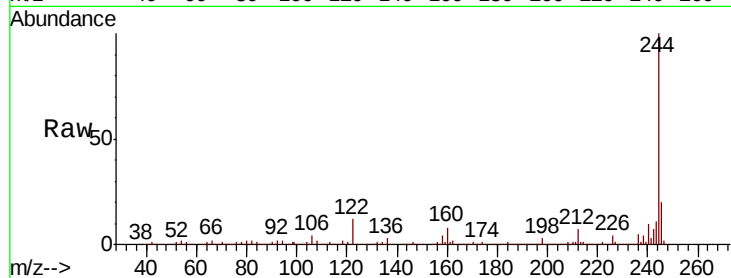
Tot Ion:244 Resp: 1670583

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

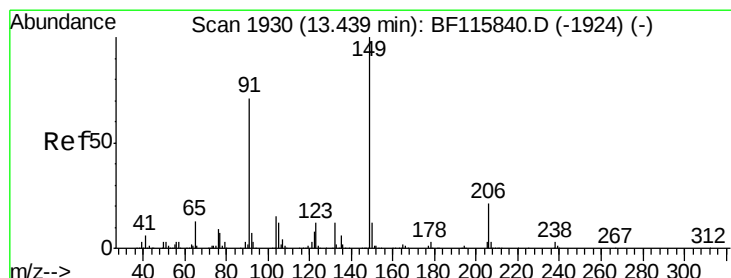
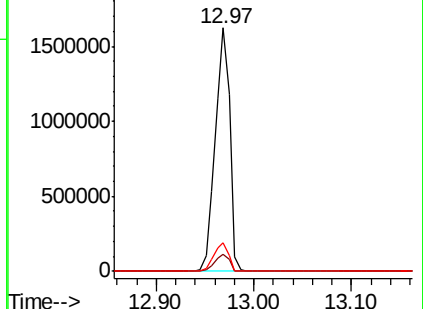
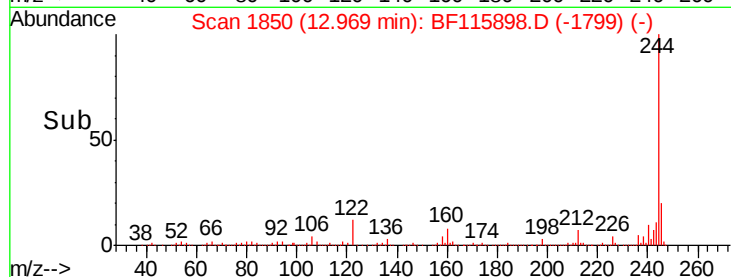
122 11.8 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.740 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

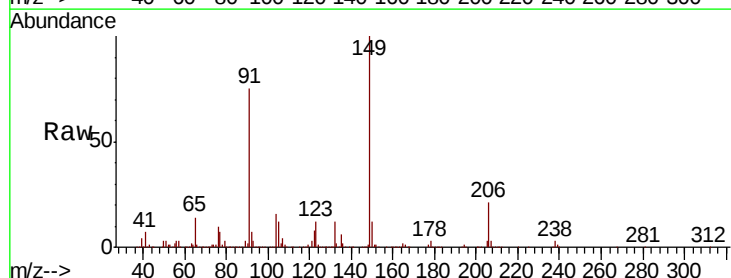
Tgt Ion:149 Resp: 628363

Ion Ratio Lower Upper

149 100

91 75.0 57.0 85.6

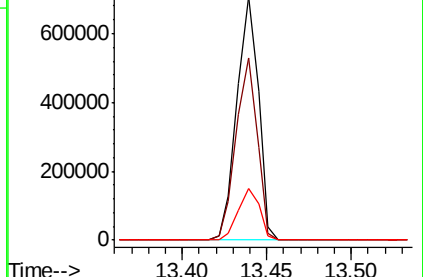
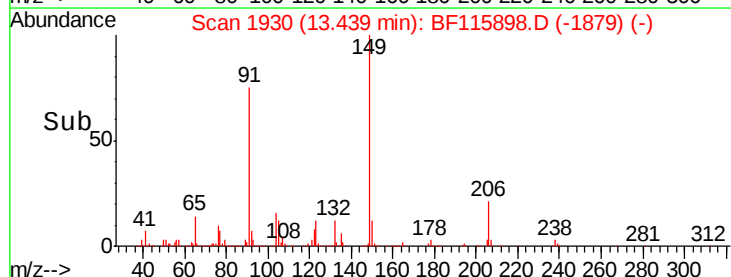
206 21.0 16.9 25.3

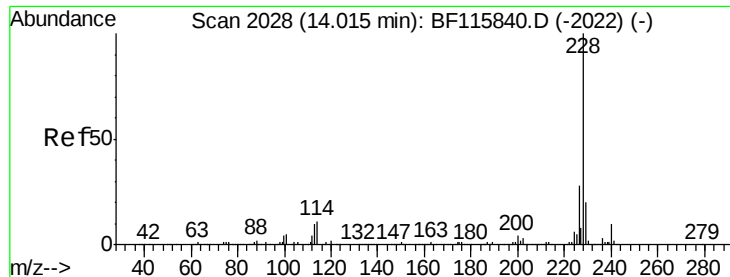


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

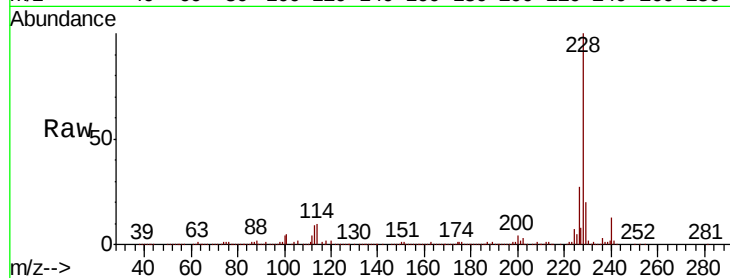




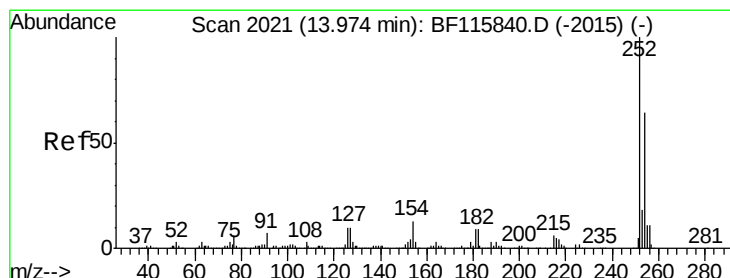
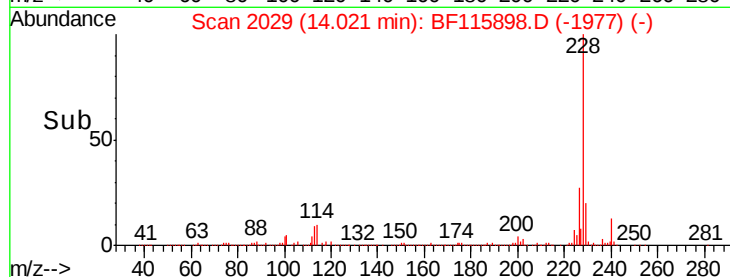
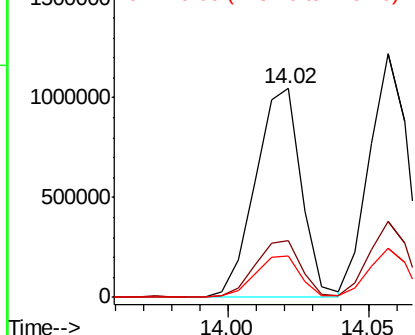
#81
Benzo(a)anthracene
Concen: 43.679 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1177052
Ion Ratio Lower Upper
228 100
226 27.4 22.5 33.7
229 19.8 16.1 24.1

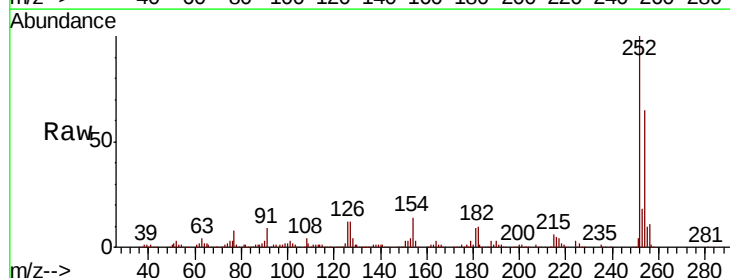


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

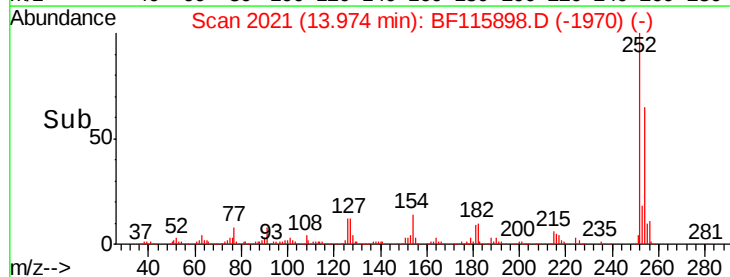
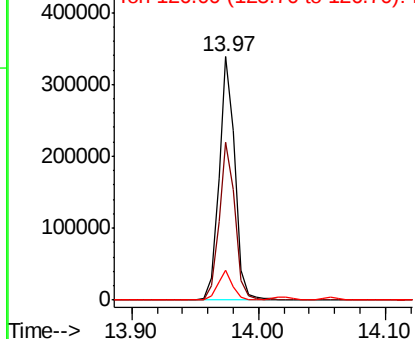


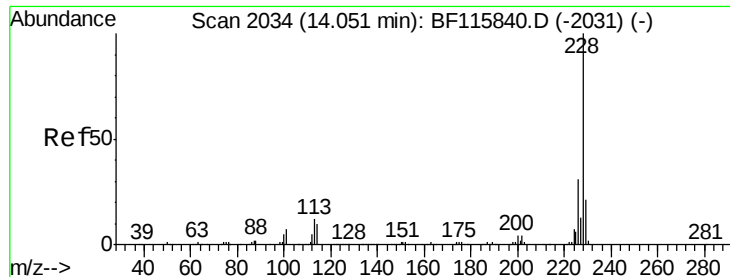
#82
3,3'-Dichlorobenzidine
Concen: 31.634 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion:252 Resp: 296166
Ion Ratio Lower Upper
252 100
254 65.1 51.2 76.8
126 12.1 8.1 12.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.201 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Instrument :

BNA_F

ClientSampleId :

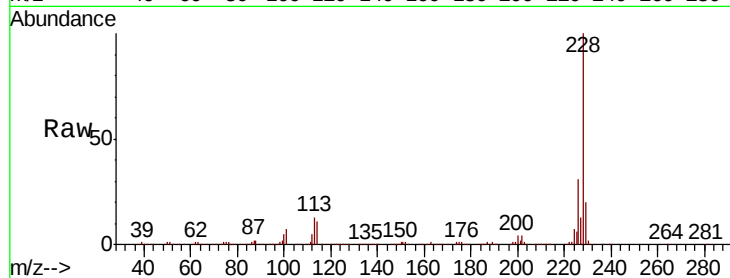
Tot Ion:228 Resp: 1130228

Ion Ratio Lower Upper

228 100

226 31.3 24.8 37.2

229 20.4 16.4 24.6

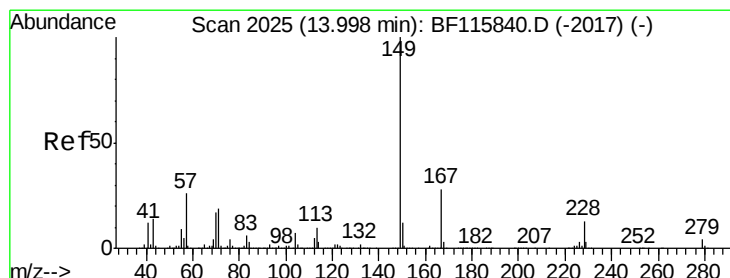
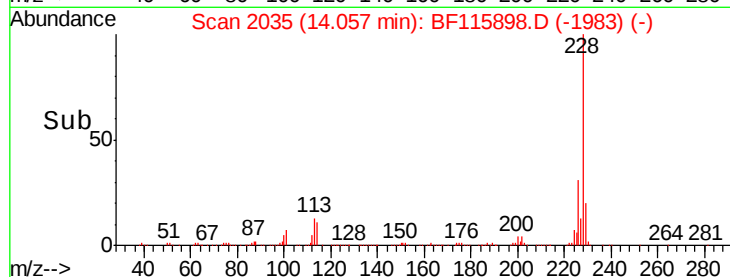
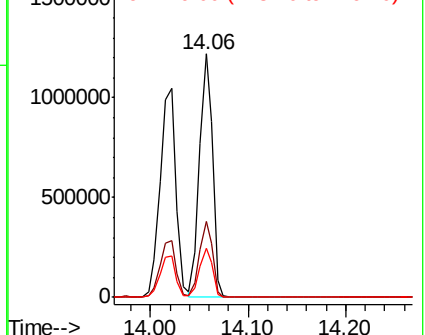


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.143 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

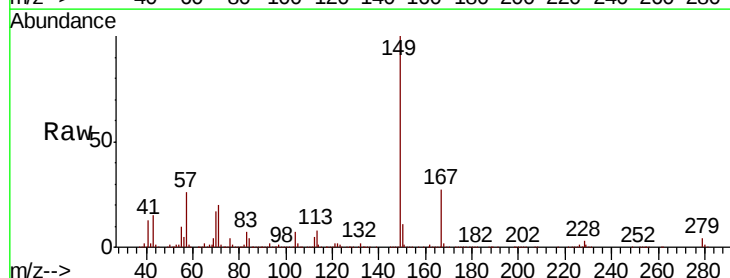
Tgt Ion:149 Resp: 858539

Ion Ratio Lower Upper

149 100

167 27.3 22.4 33.6

279 3.8 3.3 4.9

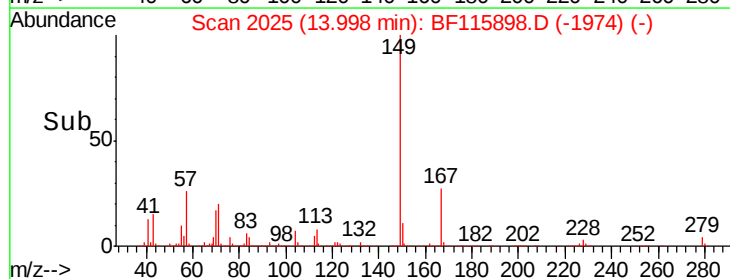
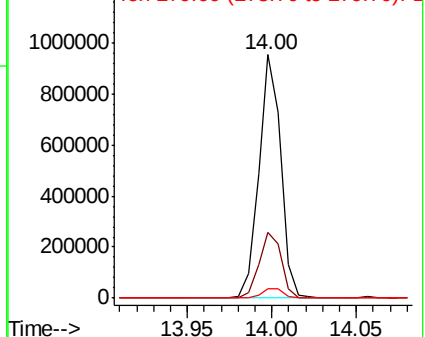


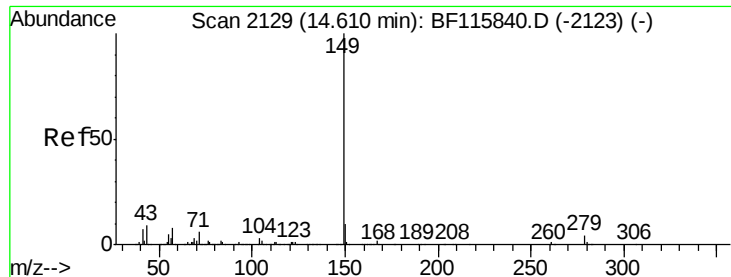
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.892 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

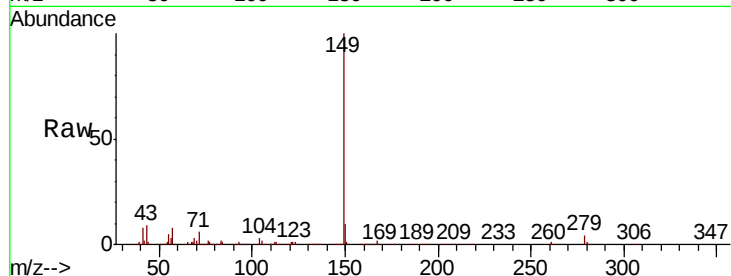
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1356699

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.0	7.4	11.0

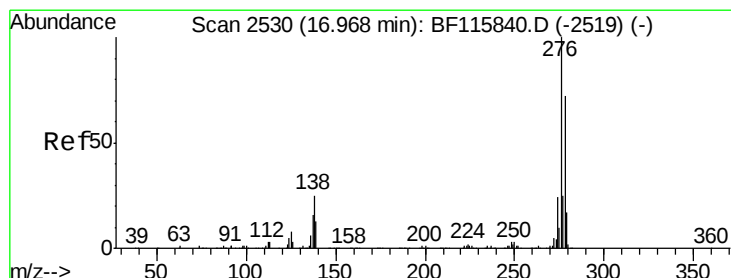
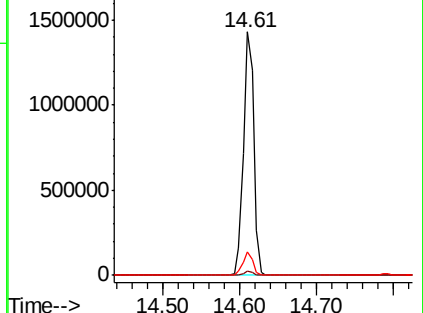
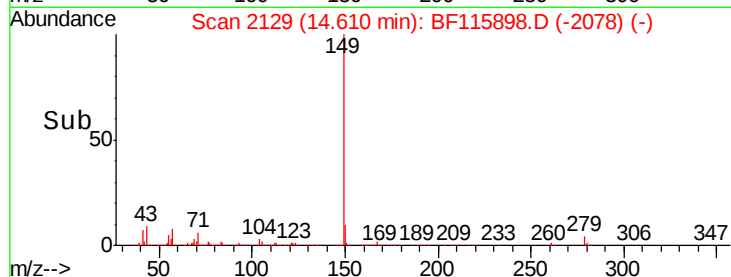


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.401 ng

RT: 16.99 min Scan# 2533

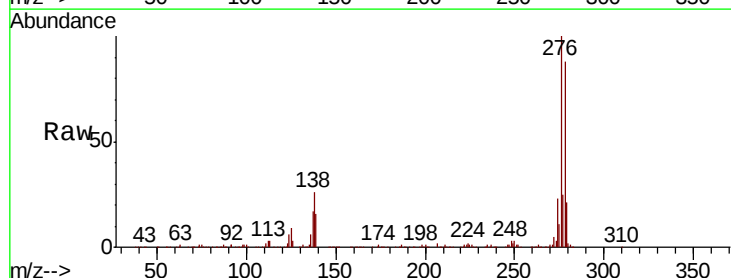
Delta R.T. 0.02 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Tgt Ion:276 Resp: 931705

Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.6	29.4
277	25.0	20.1	30.1

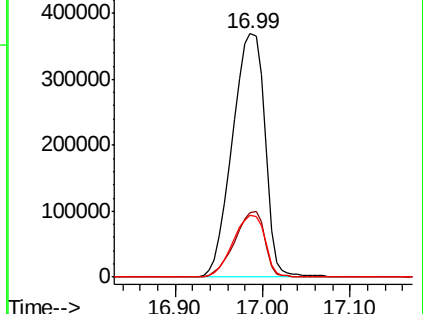
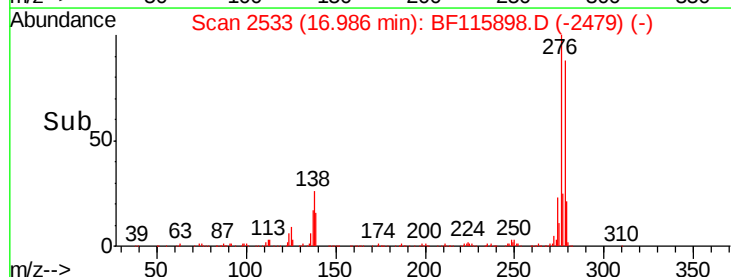


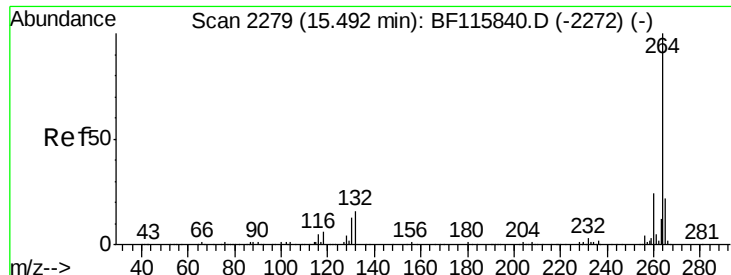
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

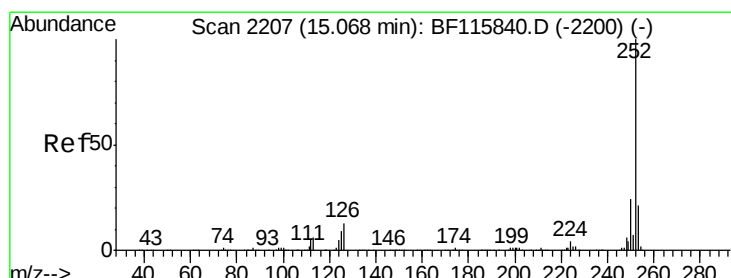
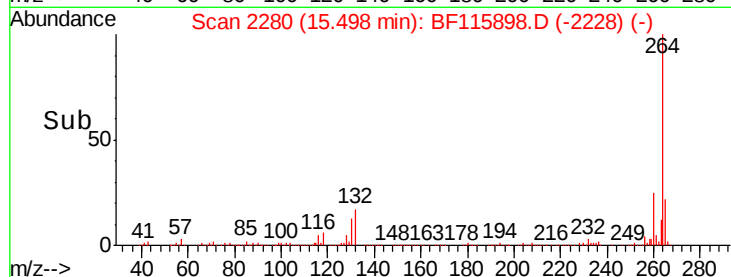
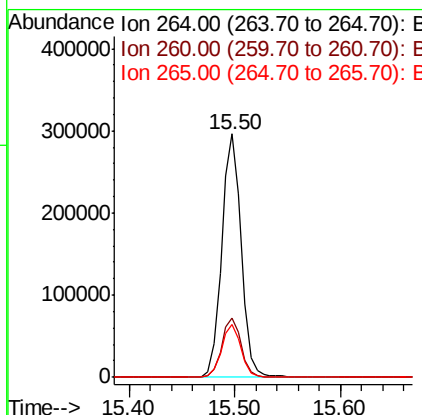
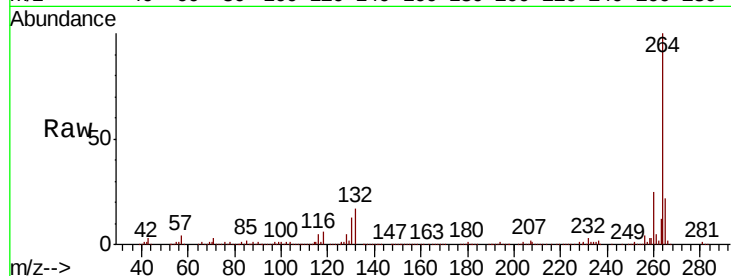




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

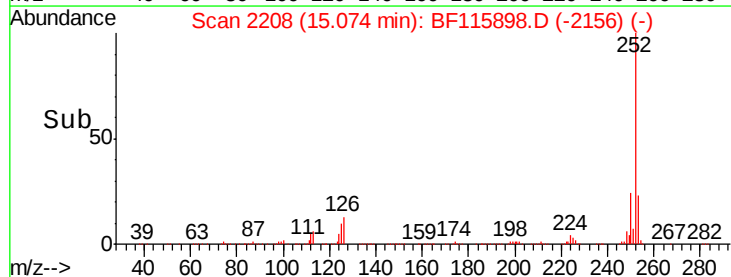
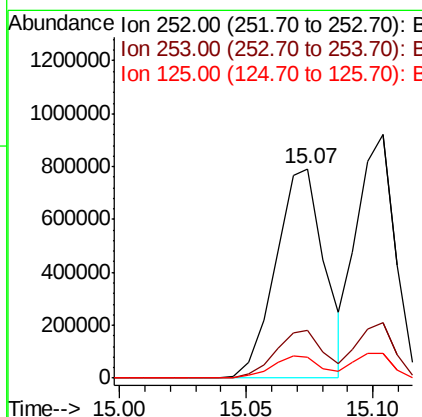
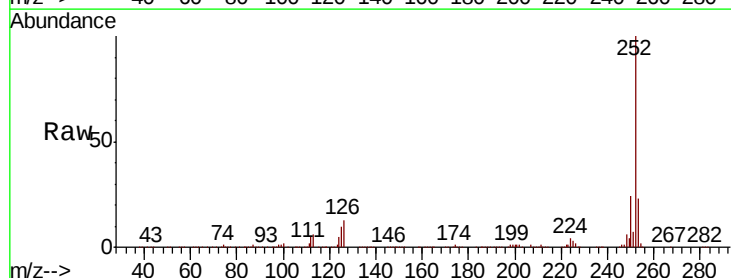
Instrument :
BNA_F
ClientSampleId :

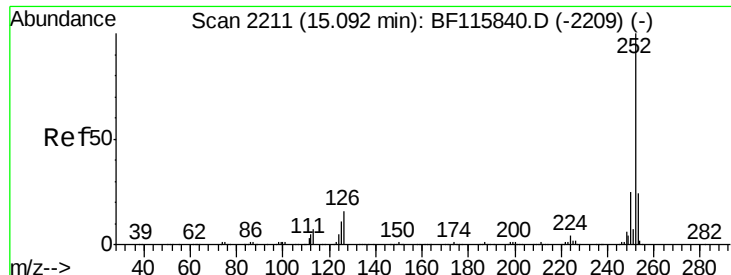
Tot Ion:264 Resp: 379118
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.2
265 21.5 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 48.611 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion:252 Resp: 1065605
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 9.8 7.4 11.0

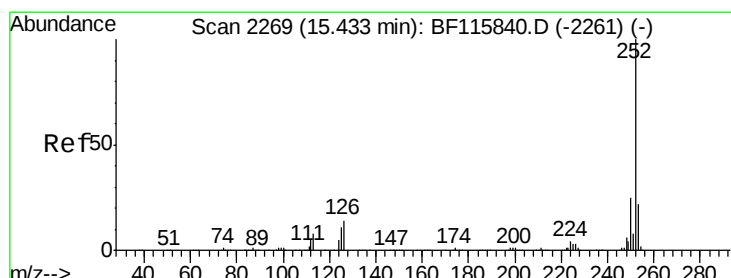
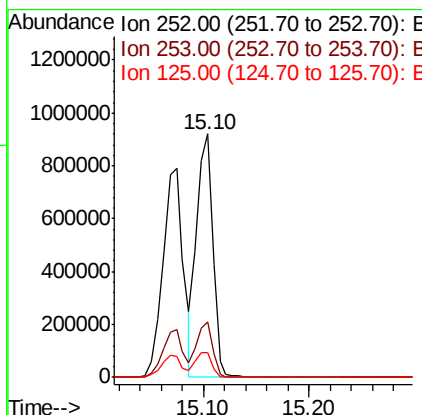
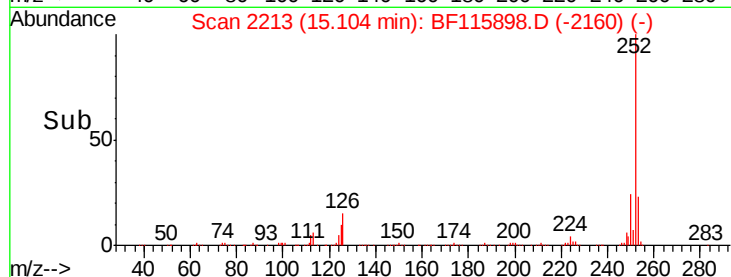
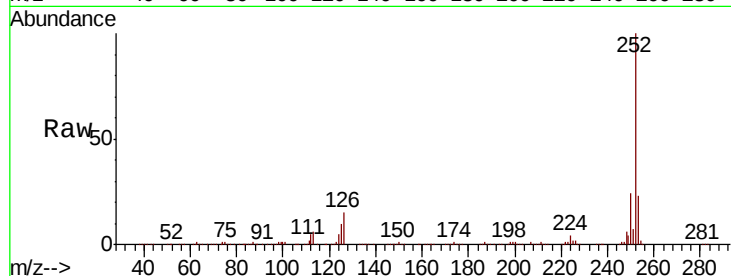




#89
Benzo(k)fluoranthene
Concen: 45.353 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

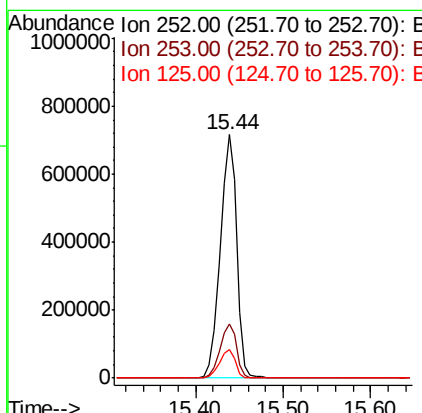
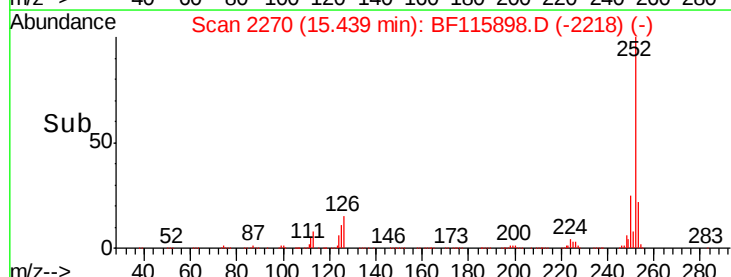
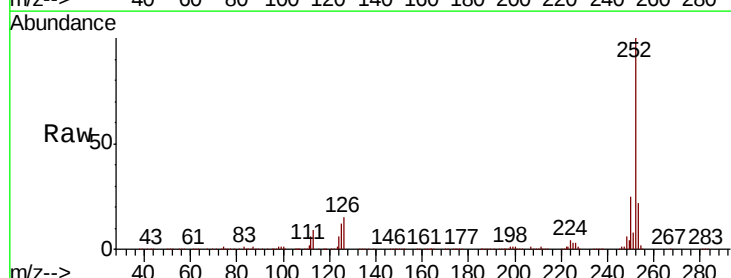
Instrument :
BNA_F
ClientSampleId :

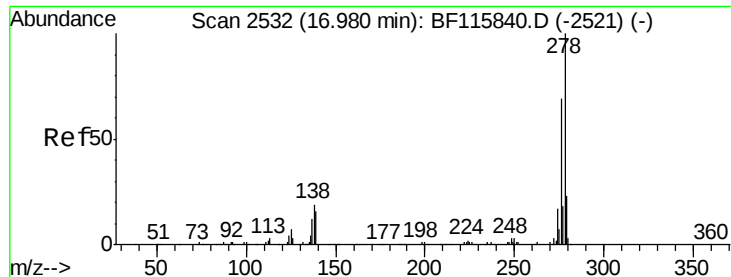
Tot Ion:252 Resp: 968340
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 10.1 8.9 13.3



#90
Benzo(a)pyrene
Concen: 47.922 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion:252 Resp: 939071
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.5 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 45.291 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.02 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Instrument :

BNA_F

ClientSampleId :

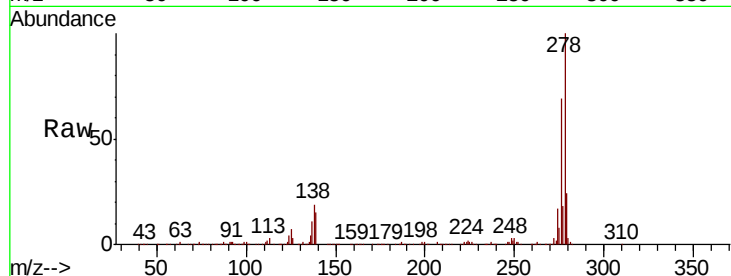
Tot Ion:278 Resp: 768233

Ion Ratio Lower Upper

278 100

139 15.4 12.6 19.0

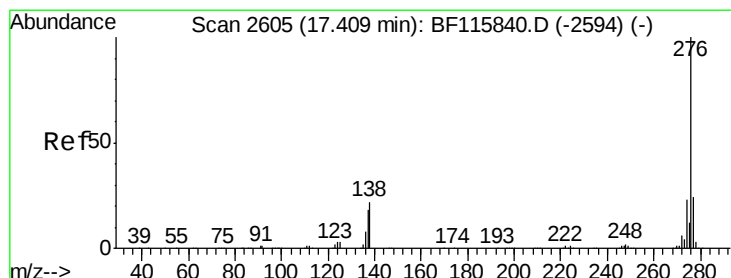
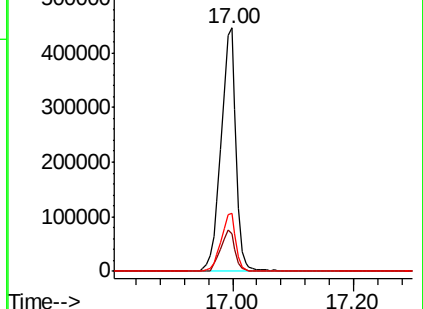
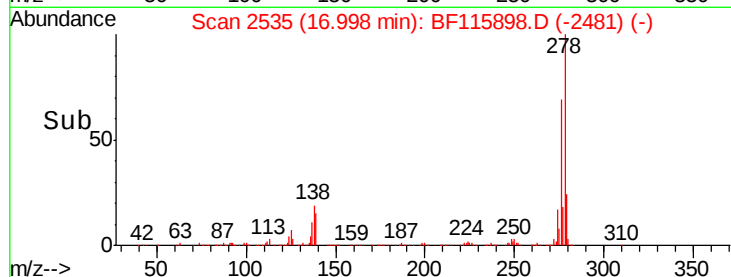
279 24.0 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.765 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.02 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

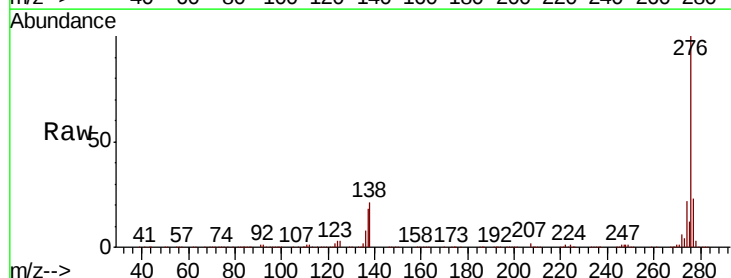
Tgt Ion:276 Resp: 779031

Ion Ratio Lower Upper

276 100

277 23.4 19.5 29.3

138 21.4 17.8 26.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

