

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115896.D
 Acq On : 1 Aug 2019 10:03
 Operator : HP/JU
 Sample : PB121854BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 13:43:18 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	6.85	152	146853	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	600475	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	322551	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	550458	20.00	ng	0.00
76) Chrysene-d12	14.03	240	377514	20.00	ng	0.00
87) Perylene-d12	15.50	264	332976	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1003752	114.42	ng	0.02
7) Phenol-d6	6.50	99	1290826	116.63	ng	0.01
23) Nitrobenzene-d5	7.42	82	844421	81.17	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	356677	114.06	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1489716	86.51	ng	0.00
79) Terphenyl-d14	12.97	244	1538836	85.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	185891	41.946	ng	99
3) Pyridine	3.47	79	478152	38.624	ng	99
4) n-Nitrosodimethylamine	3.43	42	210108	43.007	ng	96
6) Aniline	6.52	93	506662	31.965	ng	# 89
8) 2-Chlorophenol	6.65	128	442436	45.610	ng	100
9) Benzaldehyde	6.40	77	257220	33.683	ng	99
10) Phenol	6.51	94	560754	43.024	ng	82
11) bis(2-Chloroethyl)ether	6.59	93	424236	44.273	ng	97
12) 1,3-Dichlorobenzene	6.80	146	475575	42.422	ng	99
13) 1,4-Dichlorobenzene	6.87	146	481941	42.935	ng	98
14) 1,2-Dichlorobenzene	7.03	146	444625	43.018	ng	100
15) Benzyl Alcohol	7.00	79	387732	46.163	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	559240	42.787	ng	95
17) 2-Methylphenol	7.11	107	377904	46.009	ng	99
18) Hexachloroethane	7.37	117	177209	42.879	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	302953	44.172	ng	98
20) 3+4-Methylphenols	7.26	107	443971	45.676	ng	# 88
22) Acetophenone	7.26	105	597115	45.342	ng	97
24) Nitrobenzene	7.43	77	493558	43.940	ng	100
25) Isophorone	7.67	82	885546	44.519	ng	100
26) 2-Nitrophenol	7.75	139	245563	46.378	ng	100
27) 2,4-Dimethylphenol	7.79	122	400609	50.290	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	544423	44.158	ng	99
29) 2,4-Dichlorophenol	8.00	162	388653	46.208	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	411868	42.958	ng	99
31) Naphthalene	8.16	128	1281333	45.346	ng	99
32) Benzoic acid	7.93	122	237010	42.201	ng	99
33) 4-Chloroaniline	8.20	127	336437	26.647	ng	100
34) Hexachlorobutadiene	8.27	225	232075	42.024	ng	99
35) Caprolactam	8.59	113	72355	26.598	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	406371	46.442	ng	96
37) 2-Methylnaphthalene	8.86	142	862640	46.354	ng	98
38) 1-Methylnaphthalene	8.95	142	807794	45.883	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	383160	44.434	ng	98

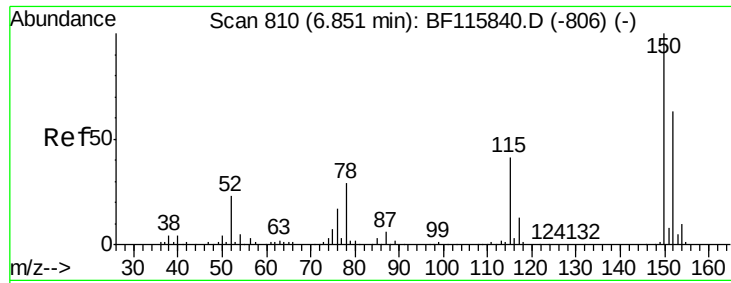
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115896.D
 Acq On : 1 Aug 2019 10:03
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	260235	68.170	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	257600	43.401	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	275524	44.907	ng	97
46) 1,1'-Biphenyl	9.32	154	1022132	44.885	ng	99
47) 2-Chloronaphthalene	9.35	162	804548	42.450	ng	98
48) 2-Nitroaniline	9.44	65	258635	41.285	ng	91
49) Acenaphthylene	9.76	152	1249888	45.203	ng	100
50) Dimethylphthalate	9.62	163	948138	43.172	ng	99
51) 2,6-Dinitrotoluene	9.68	165	212391	44.501	ng	# 85
52) Acenaphthene	9.93	154	746845	44.027	ng	99
53) 3-Nitroaniline	9.85	138	166040	28.155	ng	92
54) 2,4-Dinitrophenol	9.97	184	165160	69.206	ng	95
55) Dibenzofuran	10.10	168	1098319	44.522	ng	97
56) 4-Nitrophenol	10.03	139	302115	79.970	ng	98
57) 2,4-Dinitrotoluene	10.09	165	281679	44.327	ng	95
58) Fluorene	10.45	166	841605	44.342	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	223120	43.225	ng	99
60) Diethylphthalate	10.32	149	882415	43.035	ng	100
61) 4-Chlorophenyl-phenylether	10.44	204	420247	43.720	ng	99
62) 4-Nitroaniline	10.47	138	227640	37.351	ng	96
63) Azobenzene	10.60	77	936095	44.386	ng	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	130702	44.806	ng	88
66) n-Nitrosodiphenylamine	10.56	169	758739	45.795	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	259696	44.071	ng	96
68) Hexachlorobenzene	11.00	284	289127	42.432	ng	98
69) Atrazine	11.09	200	237081	43.496	ng	99
70) Pentachlorophenol	11.20	266	285755	86.380	ng	98
71) Phenanthrene	11.41	178	1240724	44.090	ng	99
72) Anthracene	11.46	178	1271758	44.655	ng	98
73) Carbazole	11.62	167	1121221	43.394	ng	100
74) Di-n-butylphthalate	11.94	149	1334011	44.259	ng	100
75) Fluoranthene	12.60	202	1272190	43.183	ng	99
77) Benzidine	12.72	184	514004	40.301	ng	98
78) Pyrene	12.83	202	1290219	45.338	ng	100
80) Butylbenzylphthalate	13.44	149	551529	45.817	ng	97
81) Benzo(a)anthracene	14.02	228	1052046	43.600	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	285029	34.001	ng	# 98
83) Chrysene	14.06	228	1013761	43.275	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	729301	46.622	ng	100
85) Di-n-octyl phthalate	14.61	149	1129800	45.471	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	817444	41.547	ng	99
88) Benzo(b)fluoranthene	15.07	252	945886	49.129	ng	# 97
89) Benzo(k)fluoranthene	15.10	252	834268	44.488	ng	100
90) Benzo(a)pyrene	15.44	252	821174	47.713	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	663095	44.510	ng	98
92) Benzo(g,h,i)perylene	17.43	276	685937	46.882	ng	98

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

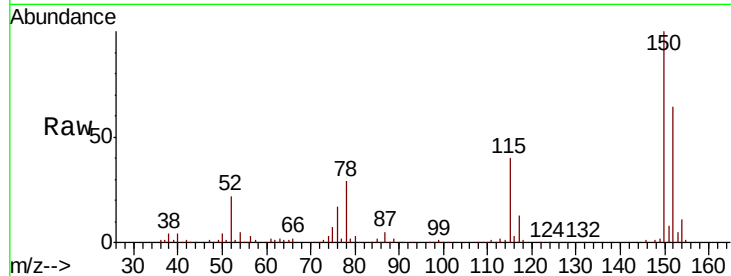


#1

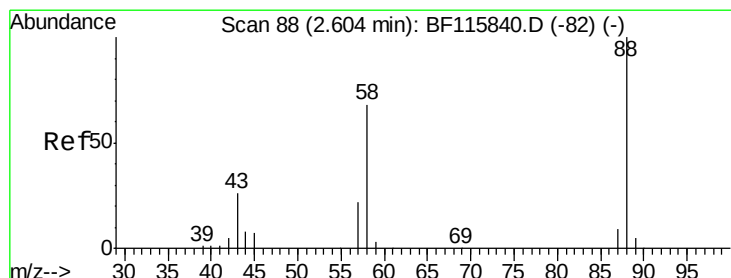
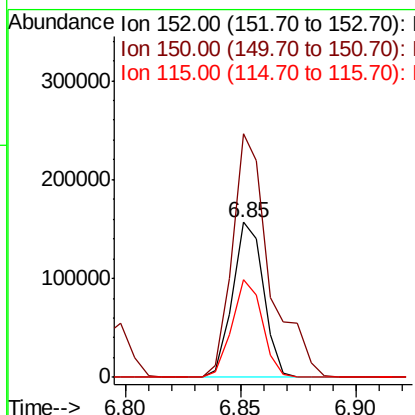
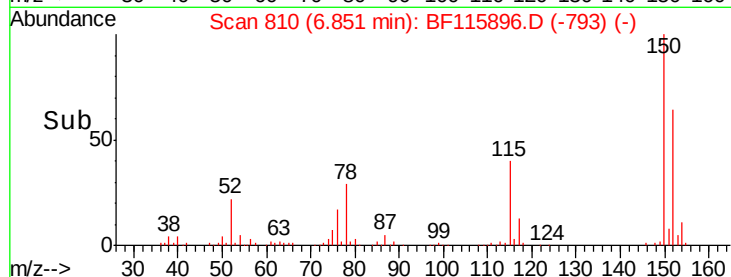
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146853
Ion Ratio Lower Upper
152 100
150 156.9 127.4 191.0
115 63.2 51.8 77.8



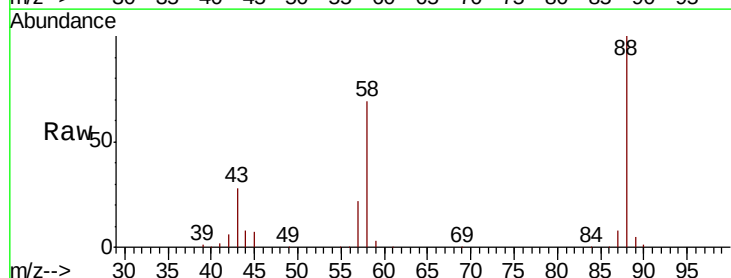
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



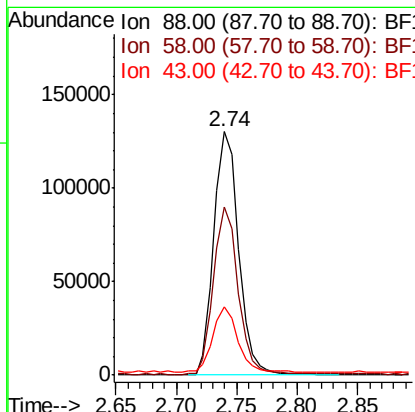
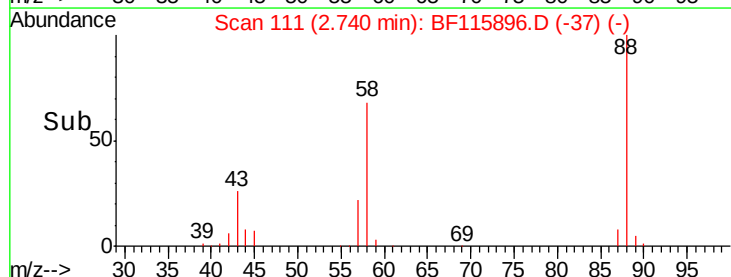
#2

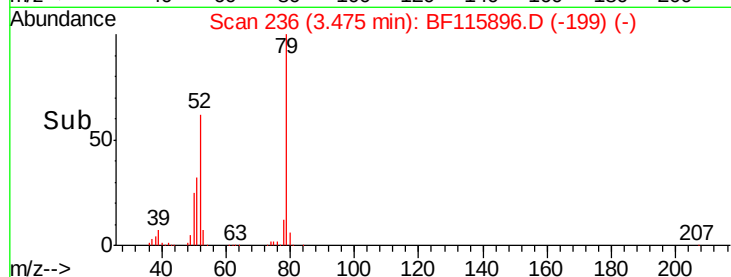
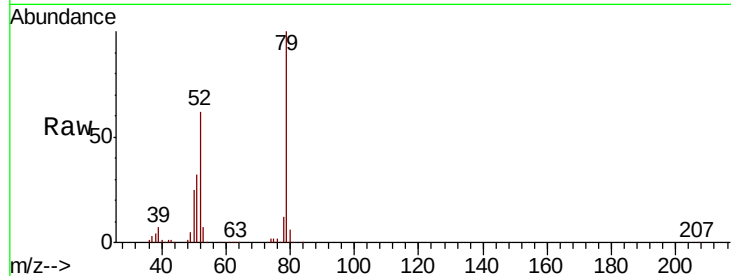
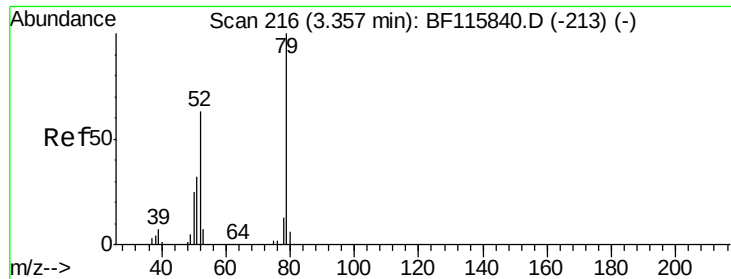
1,4-Dioxane
Concen: 41.946 ng
RT: 2.74 min Scan# 111
Delta R.T. 0.14 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion: 88 Resp: 185891
Ion Ratio Lower Upper
88 100
58 67.9 54.1 81.1
43 26.5 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

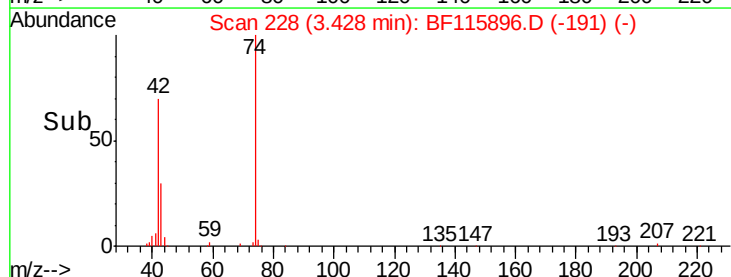
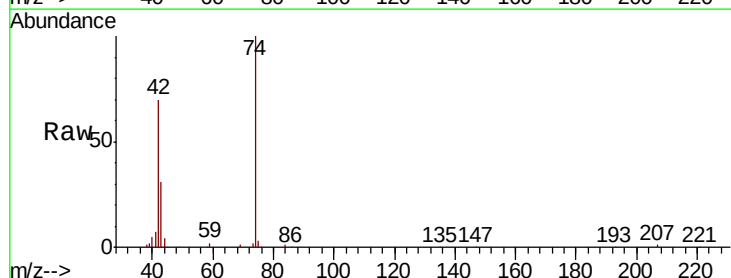
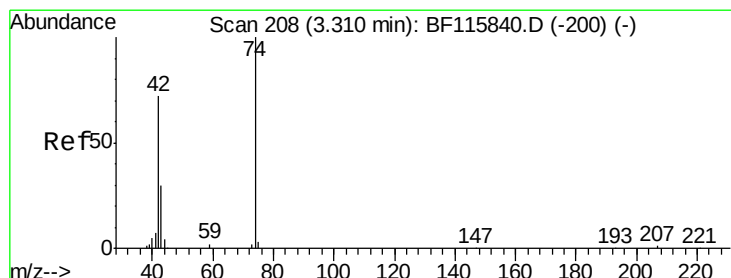
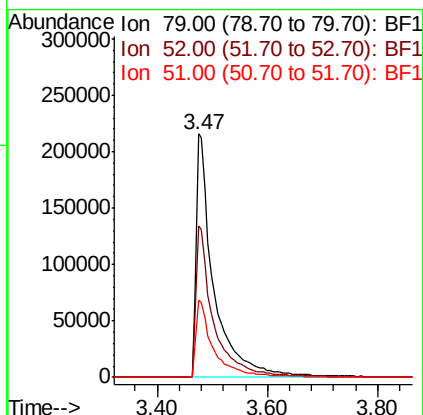




#3
 Pvridine
 Concen: 38.624 ng
 RT: 3.47 min Scan# 236
 Delta R.T. 0.12 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

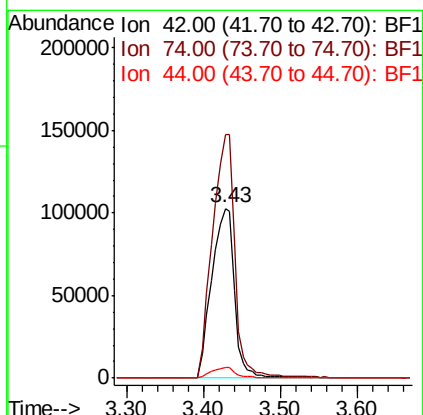
Instrument :
 BNA_F
 ClientSampleID :

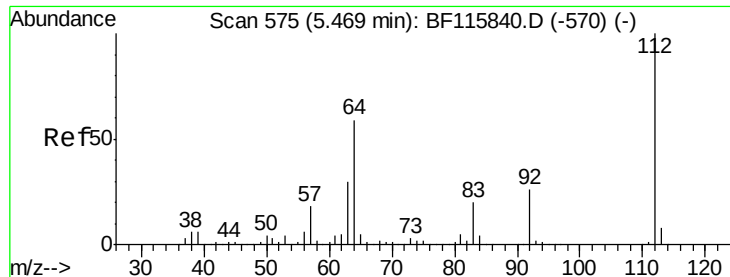
Tot Ion: 79 Resp: 478152
 Ion Ratio Lower Upper
 79 100
 52 62.4 50.2 75.4
 51 31.7 25.8 38.6



#4
 n-Nitrosodimethylamine
 Concen: 43.007 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.12 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion: 42 Resp: 210108
 Ion Ratio Lower Upper
 42 100
 74 143.5 111.0 166.4
 44 6.3 4.7 7.1





#5

2-Fluorophenol

Concen: 114.423 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.02 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

ClientSampleId :

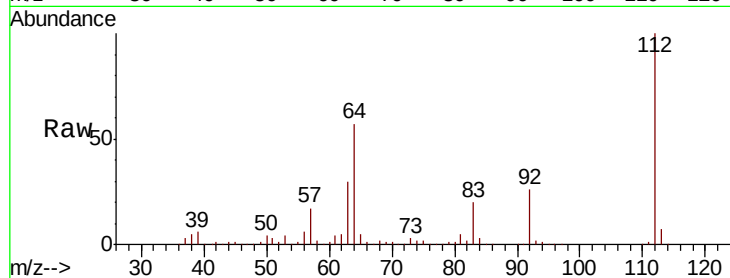
Tot Ion:112 Resp: 1003752

Ion Ratio Lower Upper

112 100

64 56.8 46.8 70.2

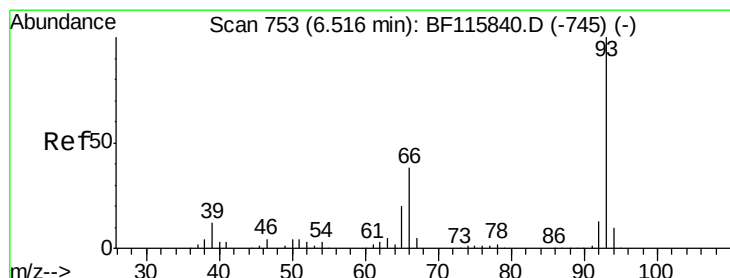
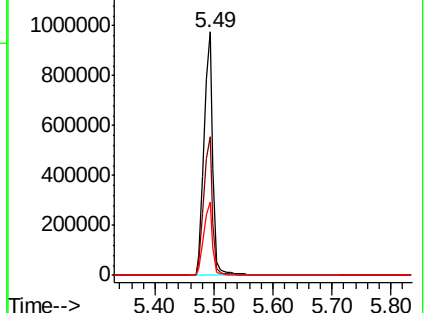
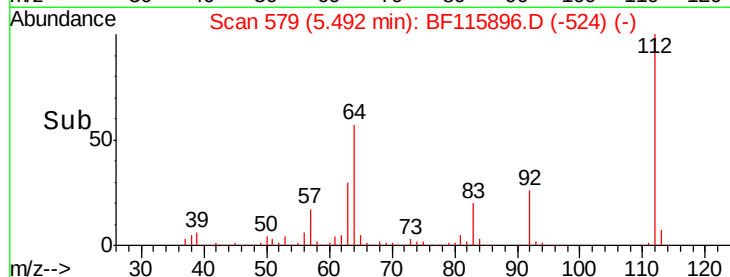
63 30.0 24.2 36.2



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: 31.965 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

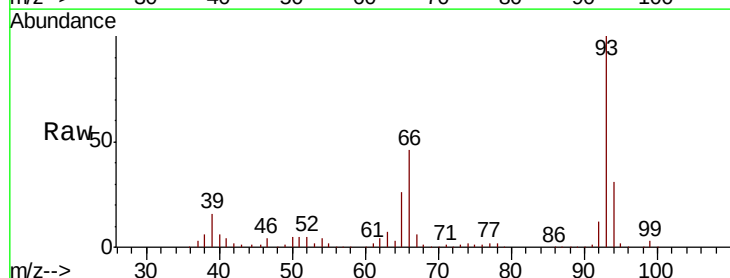
Tgt Ion: 93 Resp: 506662

Ion Ratio Lower Upper

93 100

66 45.6 31.4 47.0

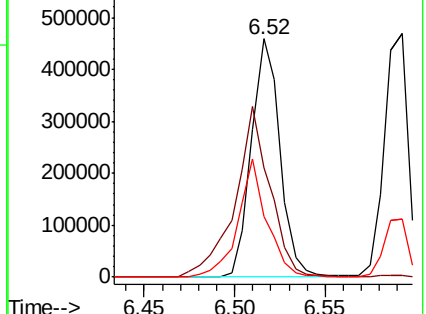
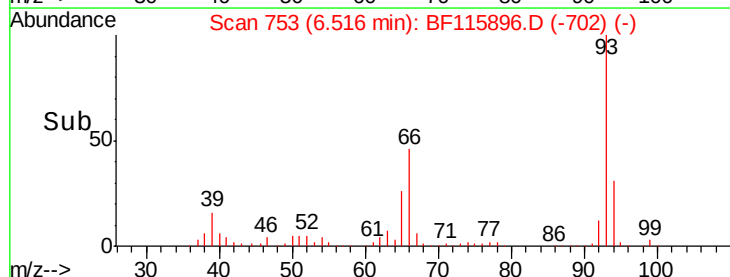
65 25.6 16.5 24.7#

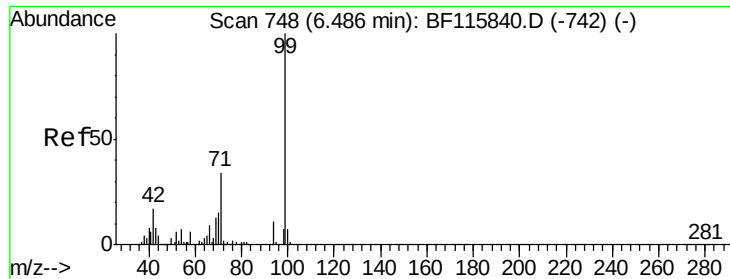


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.629 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

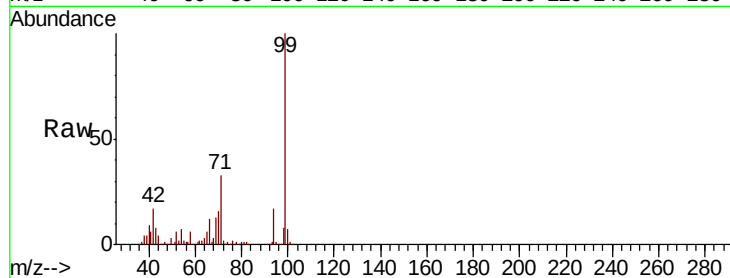
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1290826

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.8	20.6
71	33.2	27.1	40.7

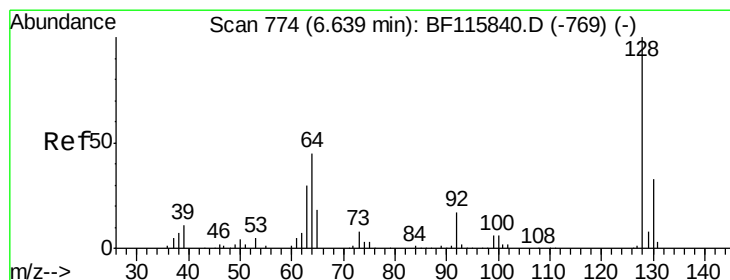
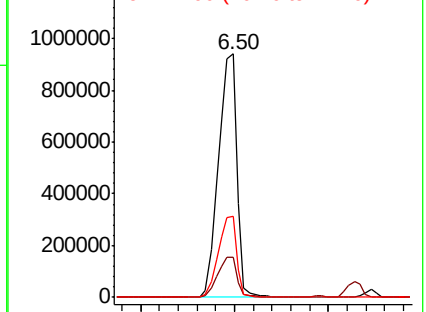
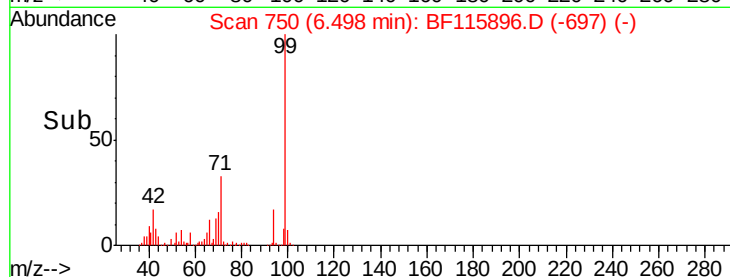


Abundance

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: 45.610 ng

RT: 6.65 min Scan# 775

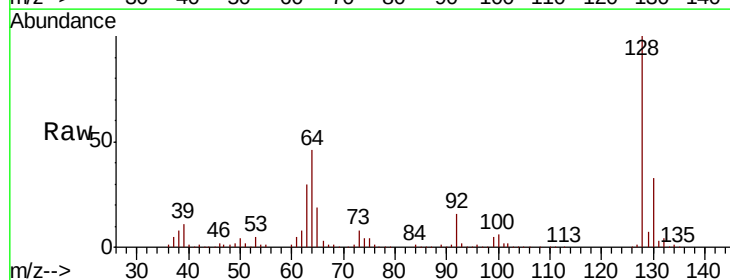
Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Tgt Ion: 128 Resp: 442436

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	46.1	26.1	66.1

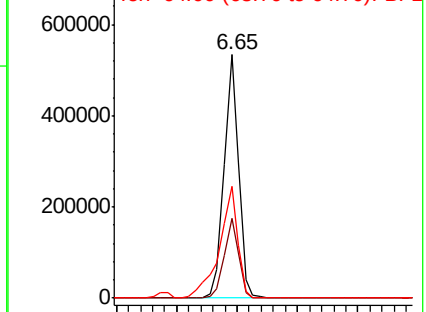
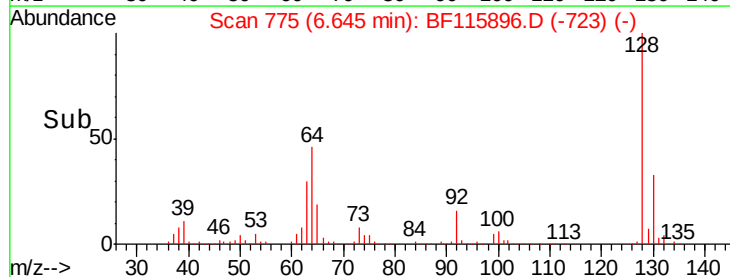


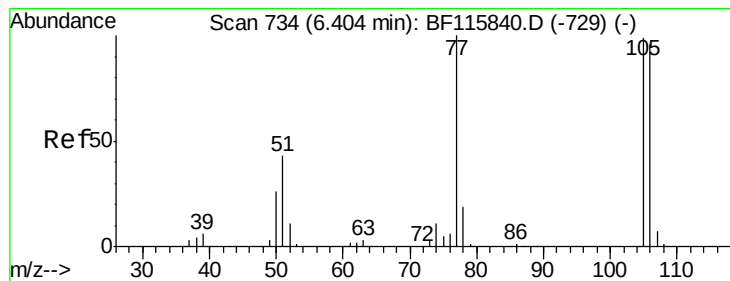
Abundance

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: 33.683 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

ClientSampleId :

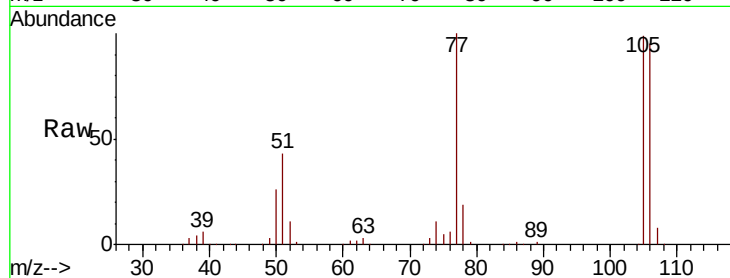
Tot Ion: 77 Resp: 257220

Ion Ratio Lower Upper

77 100

105 99.3 79.0 119.0

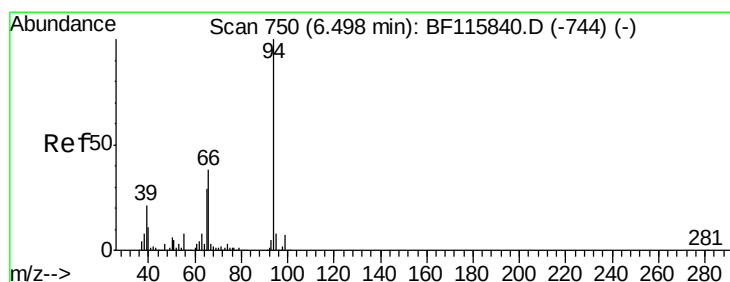
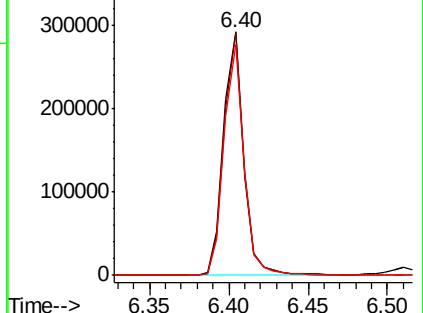
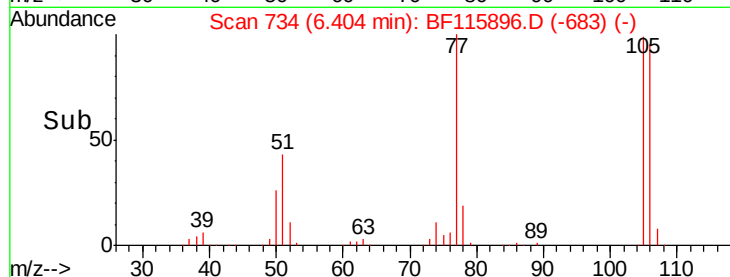
106 94.7 76.2 116.2



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: 43.024 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

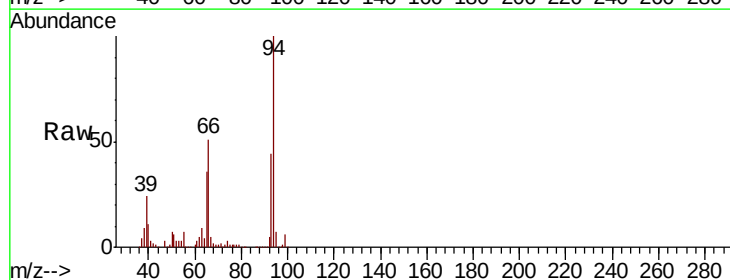
Tgt Ion: 94 Resp: 560754

Ion Ratio Lower Upper

94 100

65 35.5 8.9 48.9

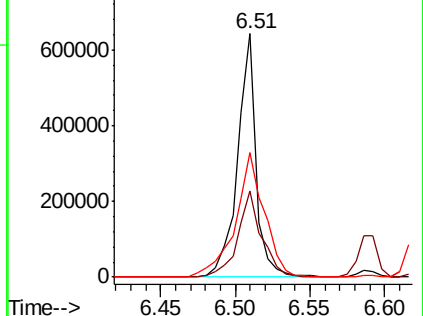
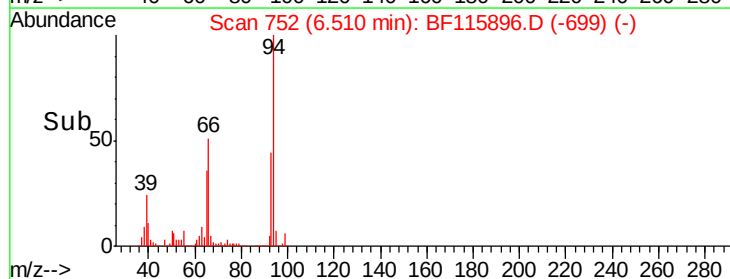
66 51.0 18.0 58.0

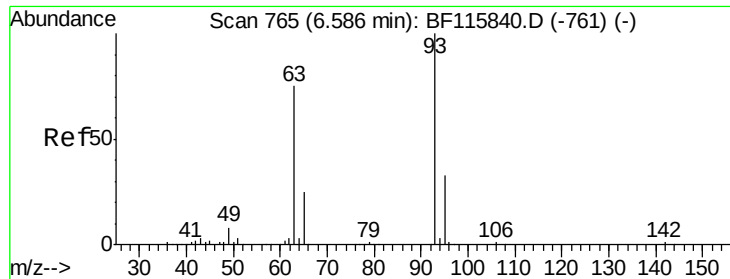


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

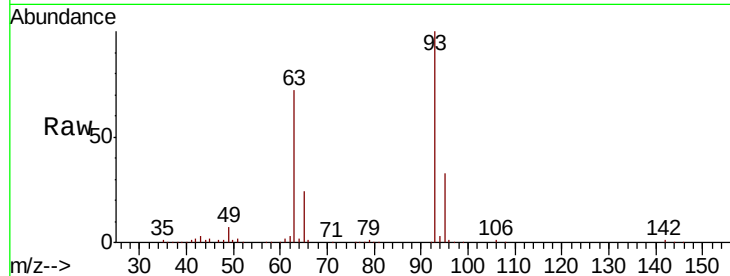




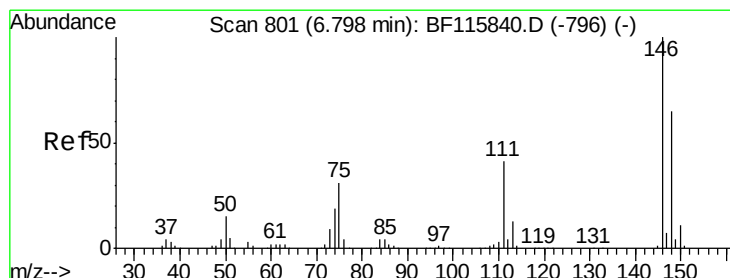
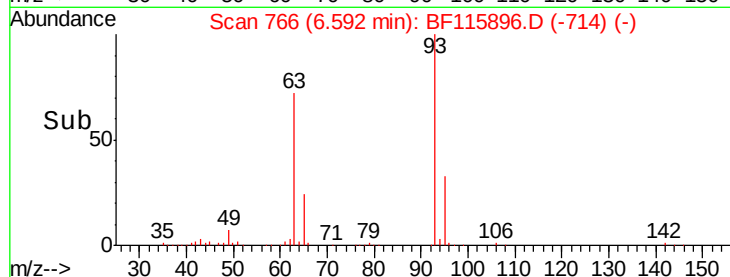
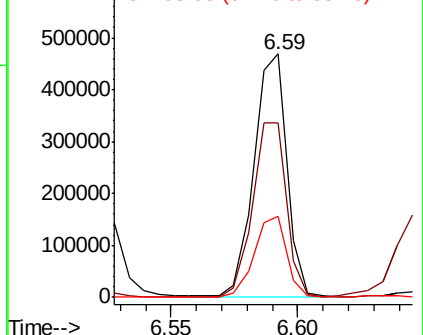
#11
bis(2-Chloroethyl)ether
Concen: 44.273 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 424236
Ion Ratio Lower Upper
93 100
63 71.6 54.9 94.9
95 33.1 13.3 53.3

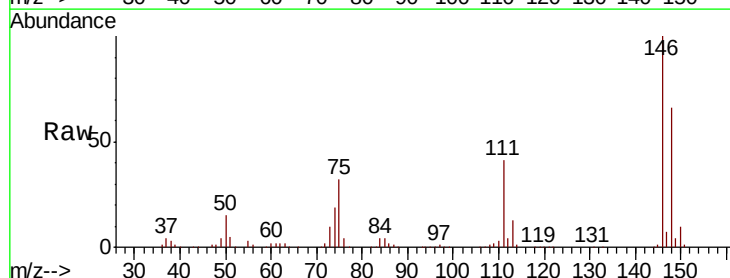


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

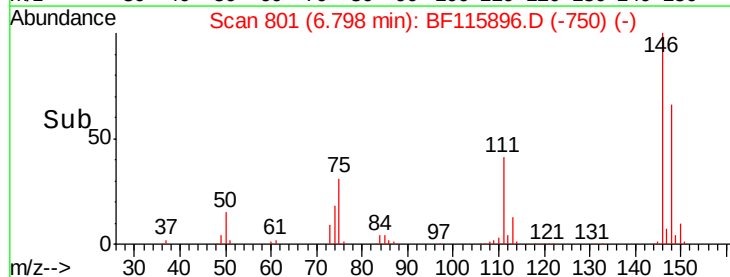
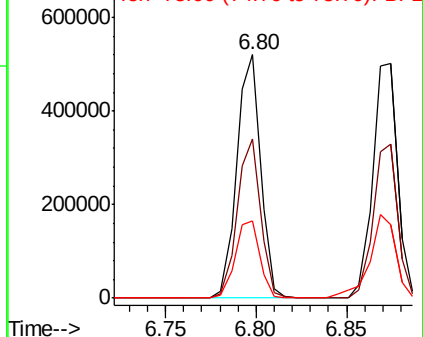


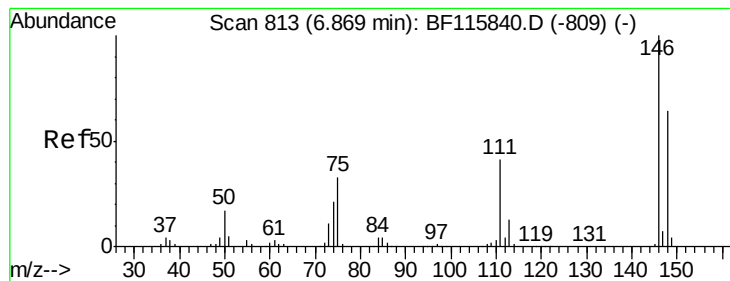
#12
1,3-Dichlorobenzene
Concen: 42.422 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion: 146 Resp: 475575
Ion Ratio Lower Upper
146 100
148 65.6 52.1 78.1
75 31.8 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: 42.935 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

ClientSampled :

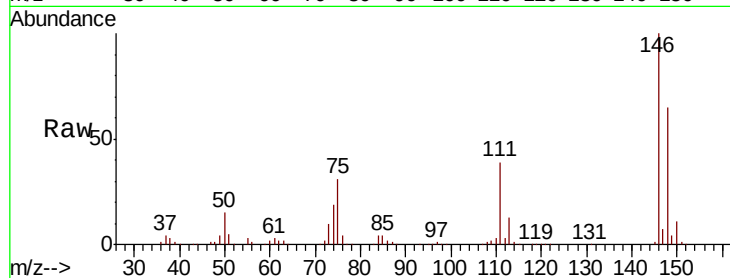
Tot Ion:146 Resp: 481941

Ion Ratio Lower Upper

146 100

148 65.3 51.2 76.8

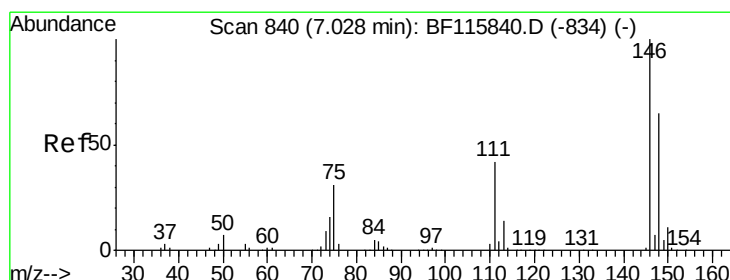
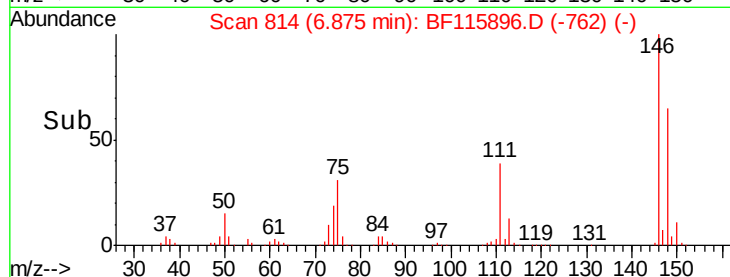
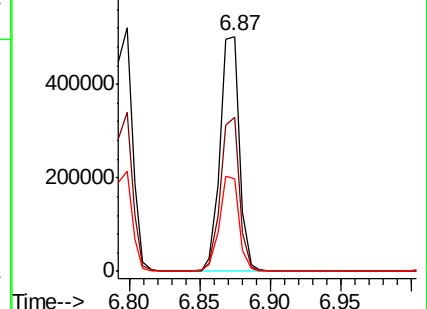
111 39.3 33.2 49.8



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: 43.018 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

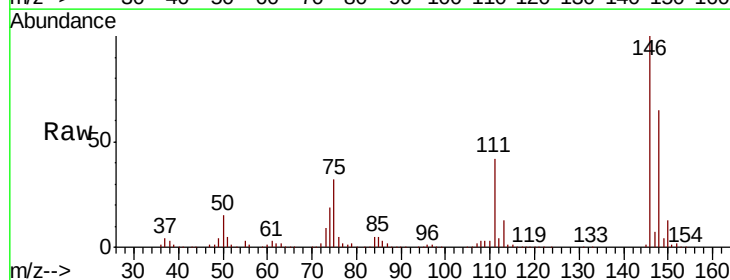
Tgt Ion:146 Resp: 444625

Ion Ratio Lower Upper

146 100

148 64.6 51.6 77.4

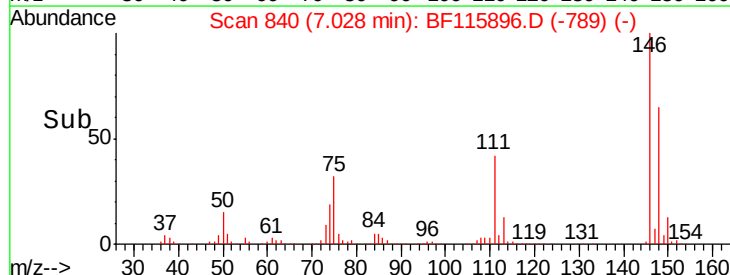
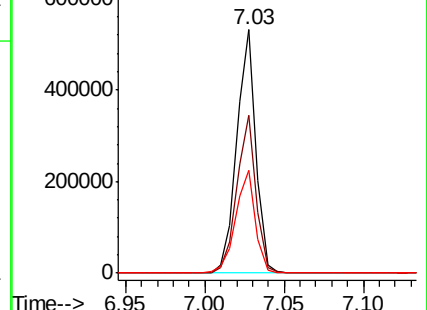
111 42.3 33.6 50.4

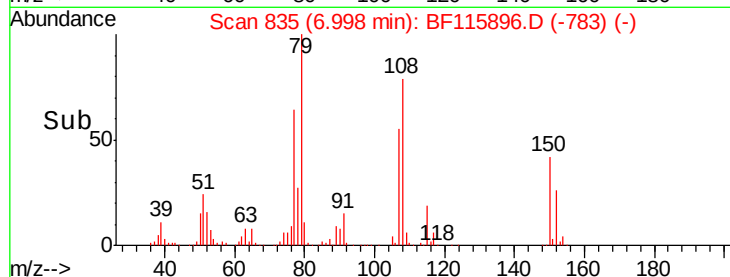
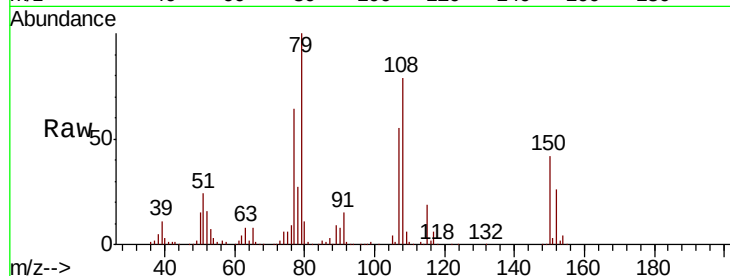
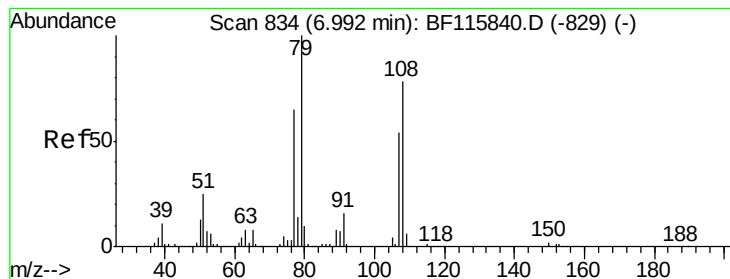


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.163 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

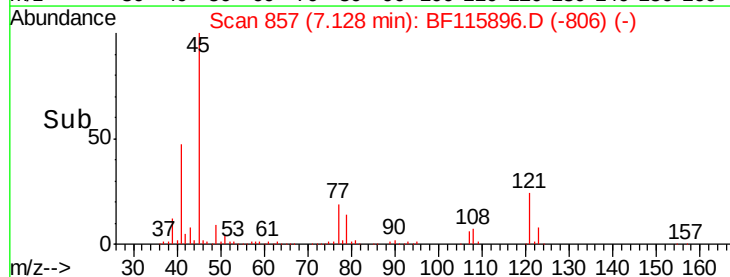
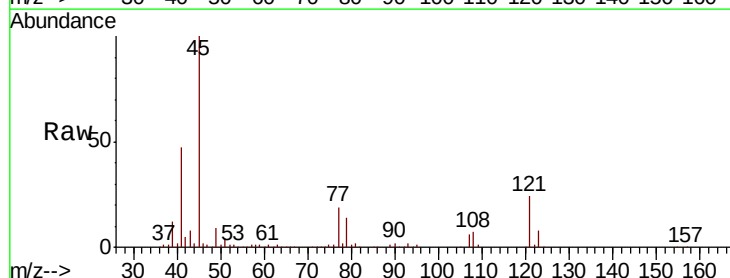
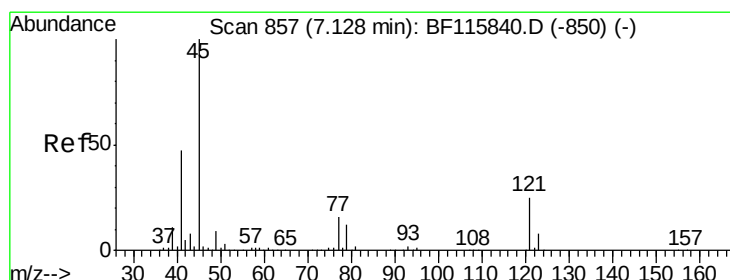
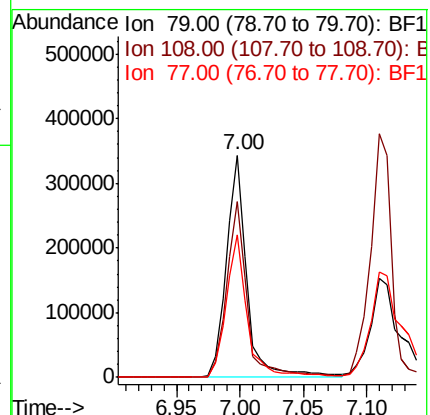
Tot Ion: 79 Resp: 387732

Ion Ratio Lower Upper

79 100

108 79.3 62.8 94.2

77 64.4 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.787 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

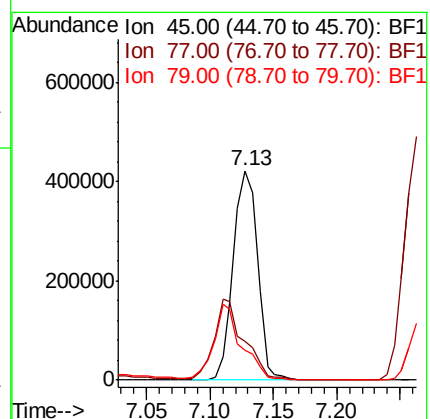
Tgt Ion: 45 Resp: 559240

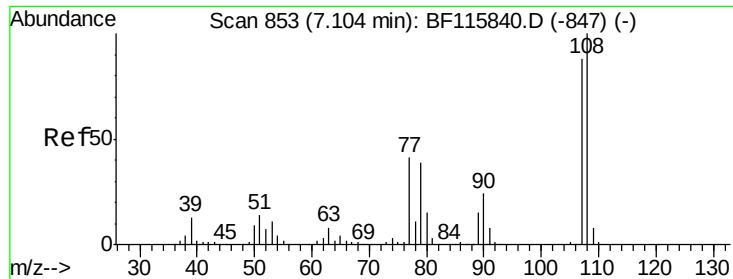
Ion Ratio Lower Upper

45 100

77 18.8 0.0 36.3

79 14.5 0.0 32.5

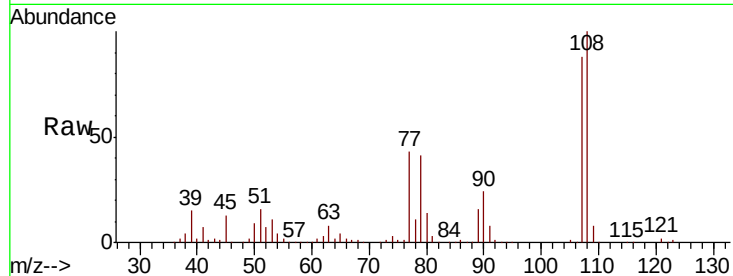




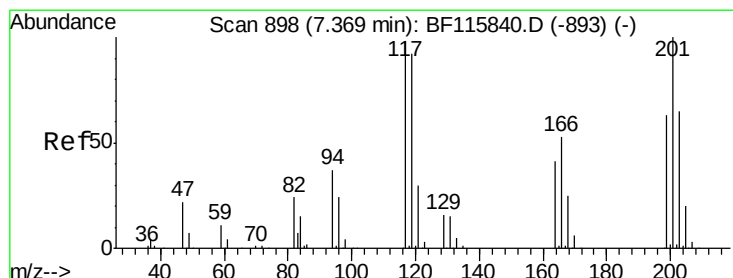
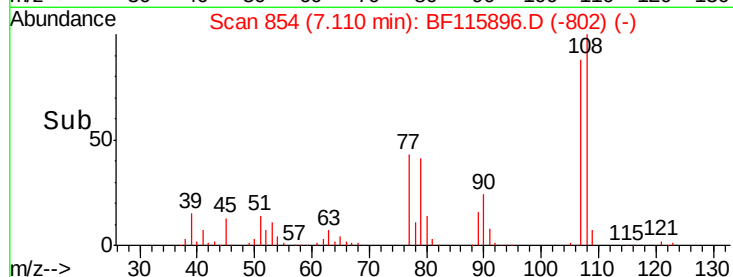
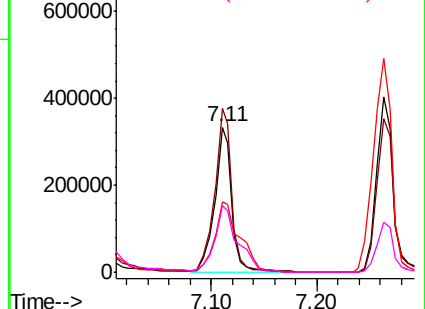
#17
2-Methylphenol
Concen: 46.009 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	377904
Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.4	137.0
77	48.9	37.6	56.4
79	46.0	36.2	54.4

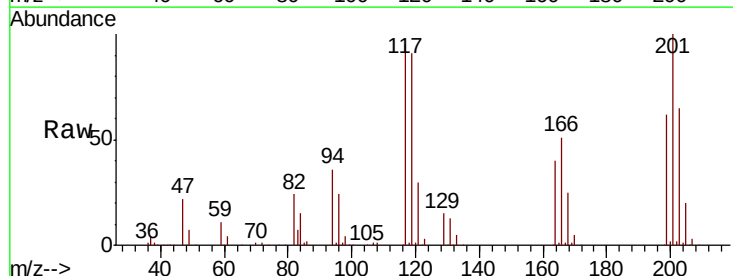


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

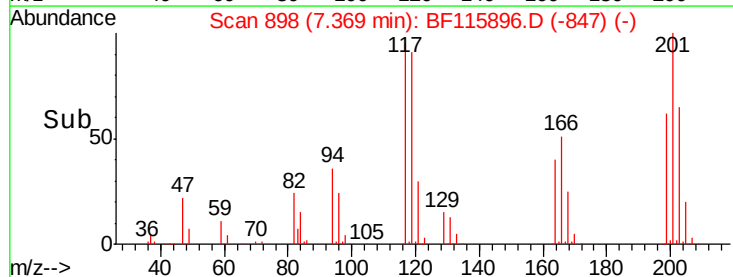
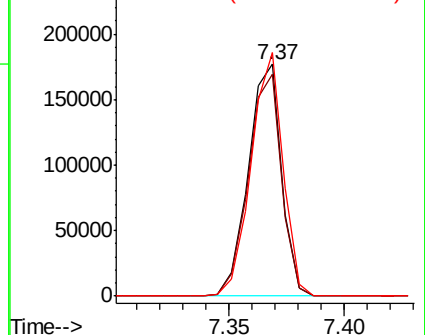


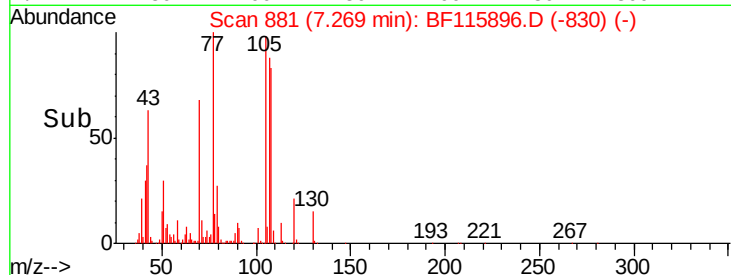
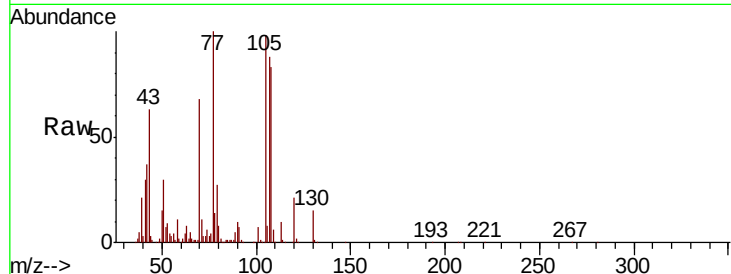
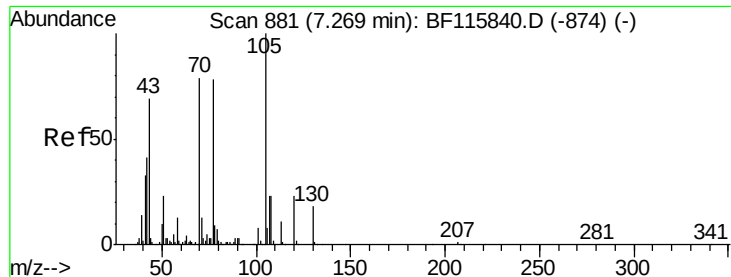
#18
Hexachloroethane
Concen: 42.879 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion:	117	Resp:	177209
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.6
201	105.0	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

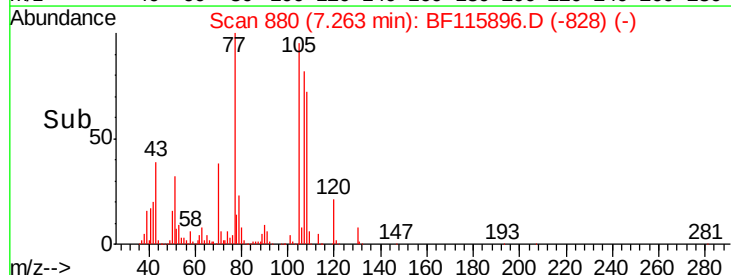
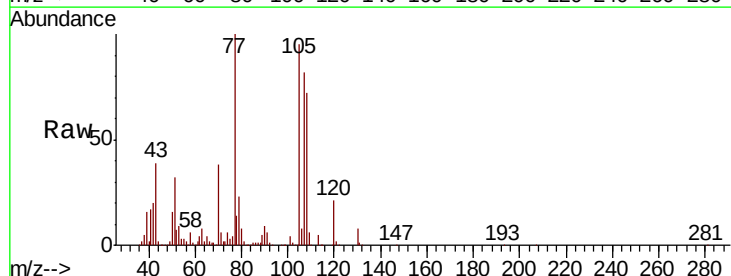
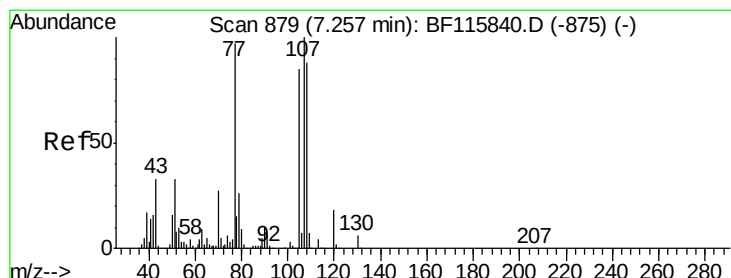
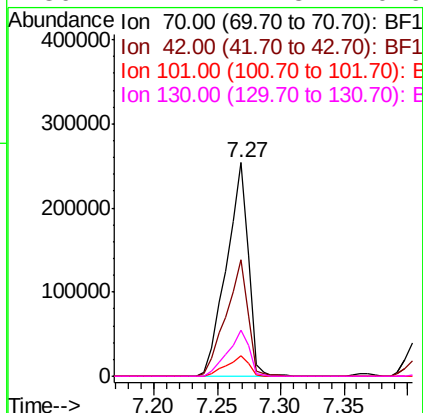




#19
n-Nitroso-di-n-propylamine
Concen: 44.172 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

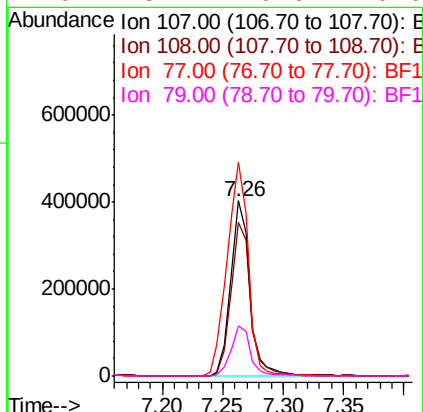
Instrument :
BNA_F
ClientSampleId :

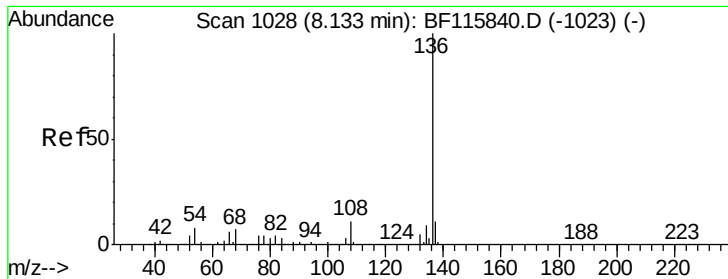
Tot Ion:	70	Resp:	302953
Ion	Ratio	Lower	Upper
70	100		
42	54.7	41.8	62.8
101	9.7	7.7	11.5
130	21.7	17.8	26.6



#20
3+4-Methylphenols
Concen: 45.676 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion:	107	Resp:	443971
Ion	Ratio	Lower	Upper
107	100		
108	87.8	67.9	107.9
77	122.0	77.3	117.3#
79	28.4	6.6	46.6

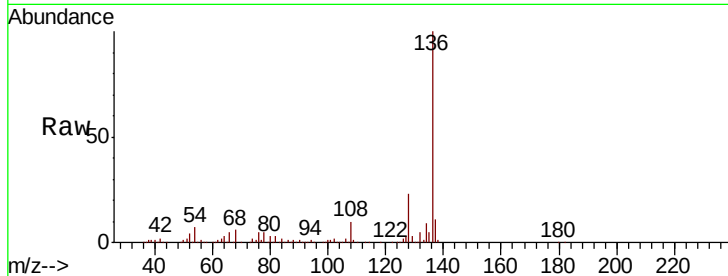




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	600475
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.1 13.7
54	6.6	6.1 9.1
68	5.8	5.4 8.2



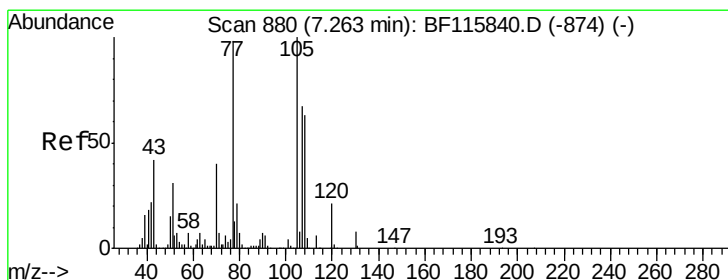
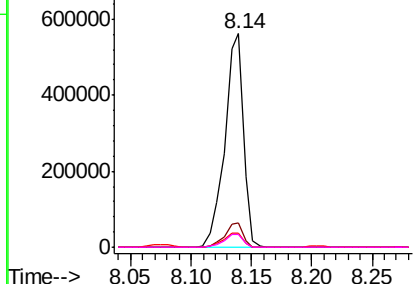
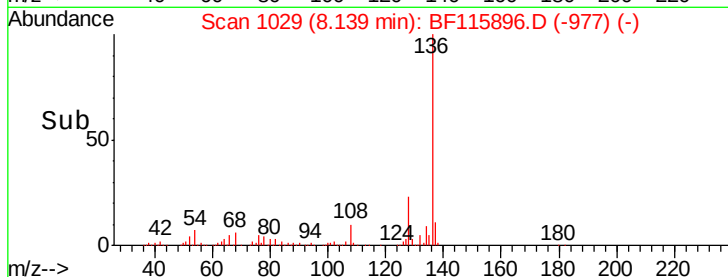
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

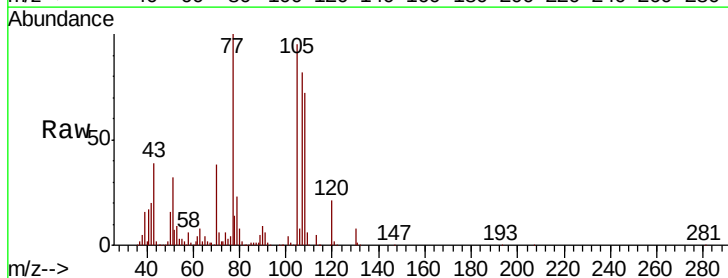
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 45.342 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion:105	Resp:	597115
Ion Ratio	Lower	Upper
105	100	
71	6.7	5.4 8.0
51	33.7	24.6 36.8
120	22.0	17.0 25.6



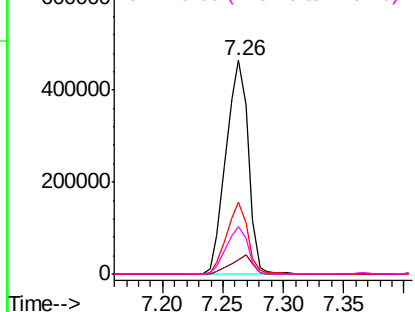
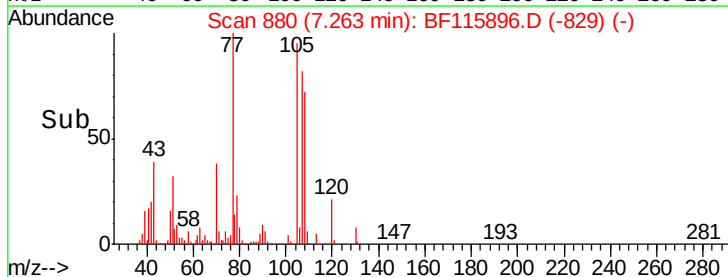
Abundance

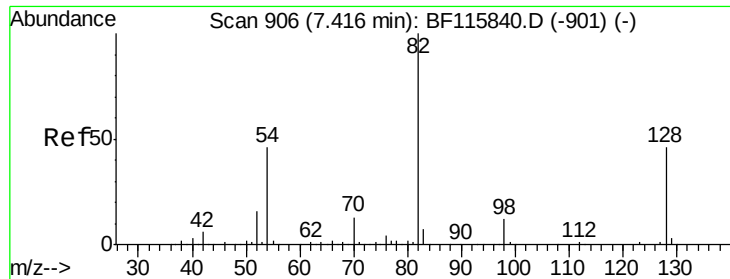
Ion 105.00 (104.70 to 105.70): E

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

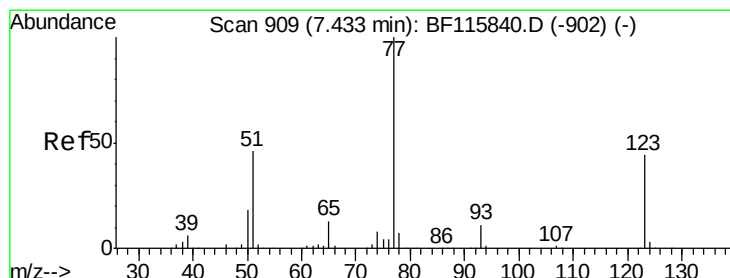
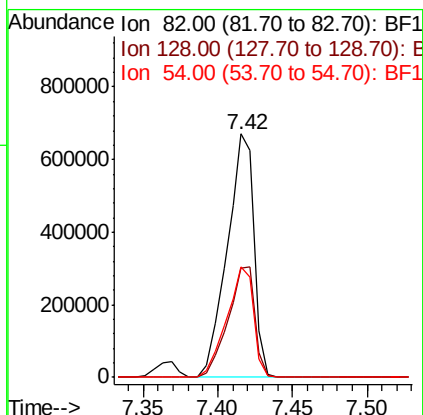
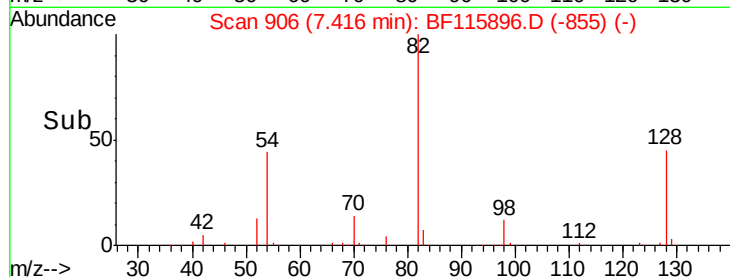
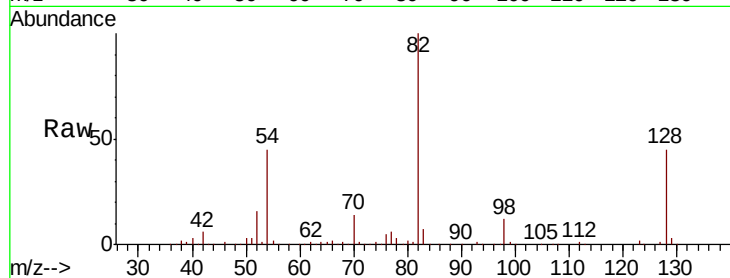




#23
Nitrobenzene-d5
Concen: 81.173 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

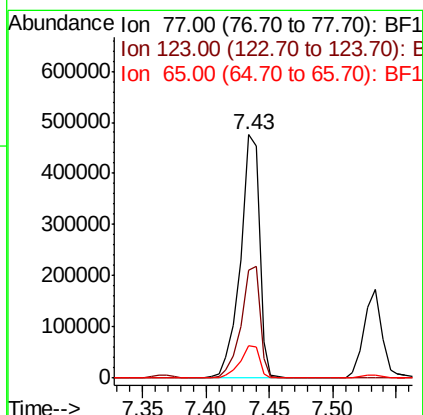
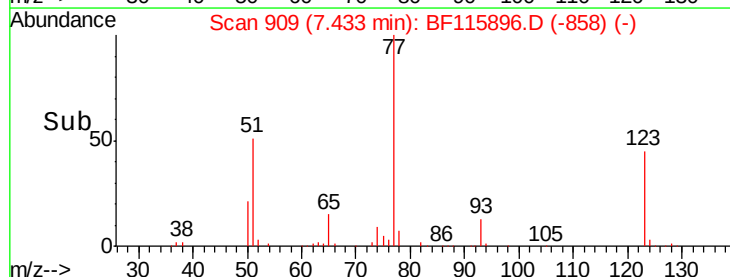
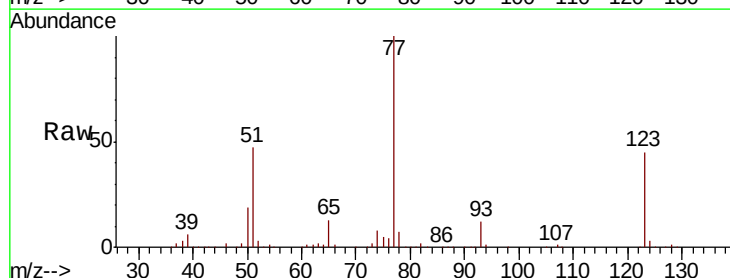
Instrument :
BNA_F
ClientSampled :

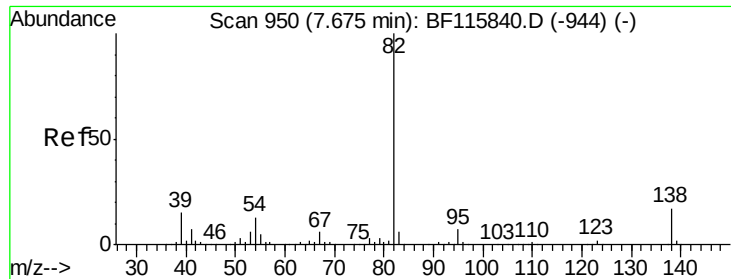
Tot Ion	82	Resp	844421
Ion Ratio	100	Lower	Upper
128	45.0	36.6	55.0
54	45.4	36.6	55.0



#24
Nitrobenzene
Concen: 43.940 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion	77	Resp	493558
Ion Ratio	100	Lower	Upper
123	44.6	35.5	53.3
65	13.3	10.6	15.8

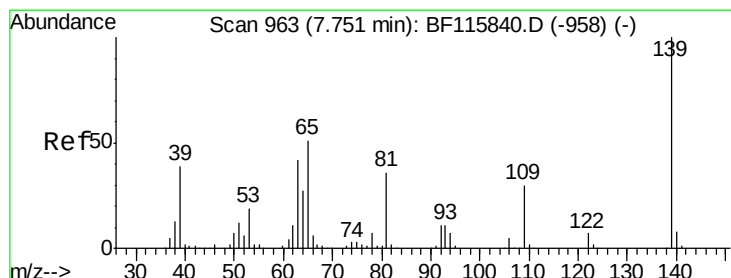
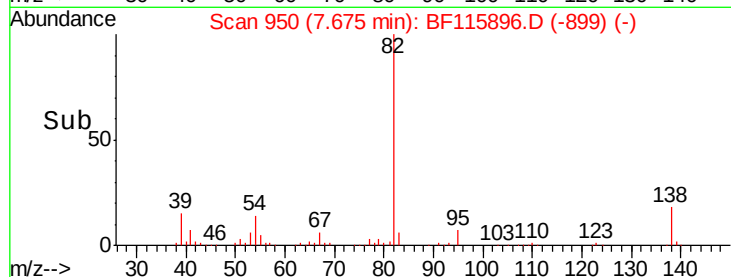
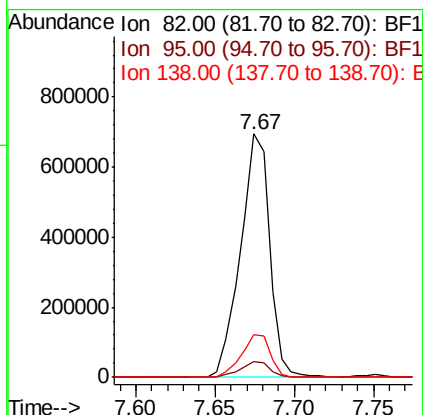
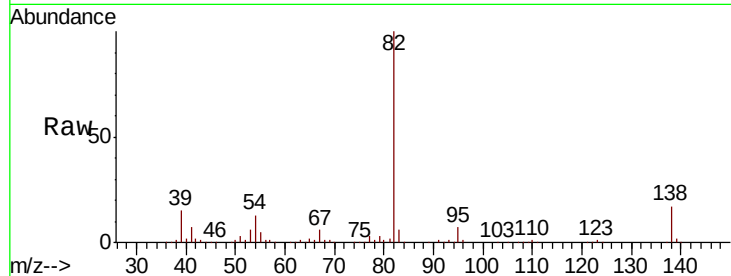




#25
Isophorone
Concen: 44.519 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

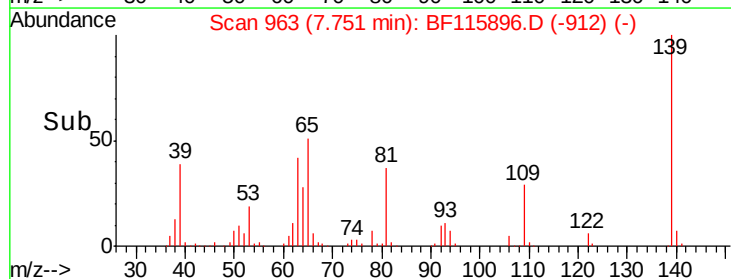
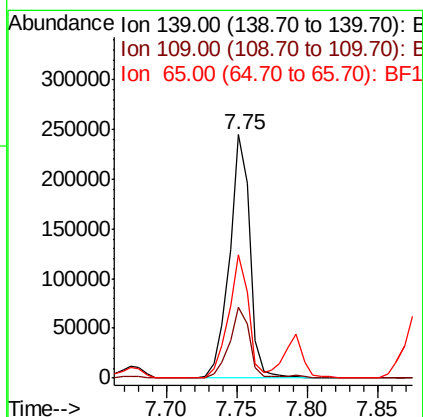
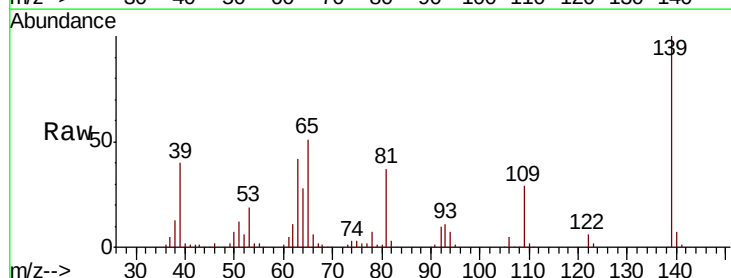
Instrument :
BNA_F
ClientSampleId :

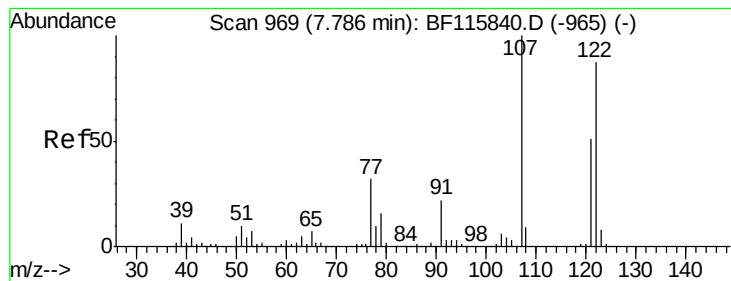
Tot Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.5	8.3
138	17.3	13.9	20.9



#26
2-Nitrophenol
Concen: 46.378 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.1	23.6	35.4
65	50.9	40.6	60.8





#27

2,4-Dimethylphenol

Concen: 50.290 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

ClientSampleId :

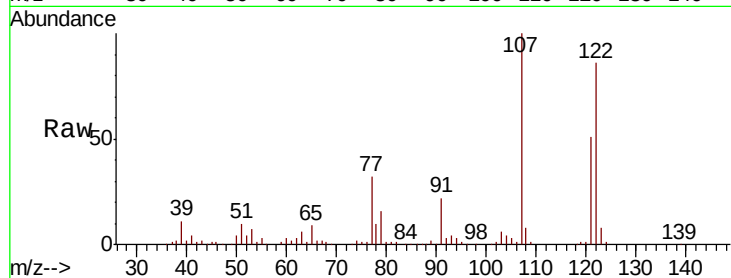
Tot Ion:122 Resp: 400609

Ion Ratio Lower Upper

122 100

107 115.8 91.7 137.5

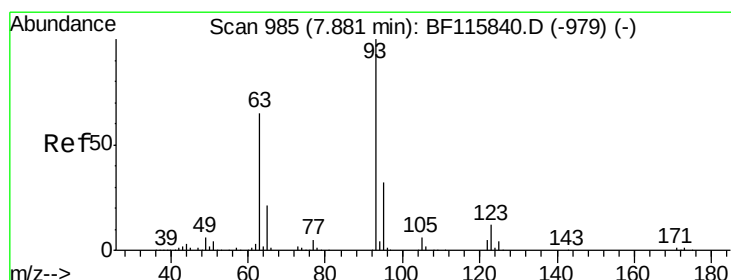
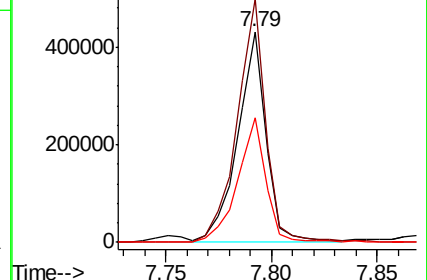
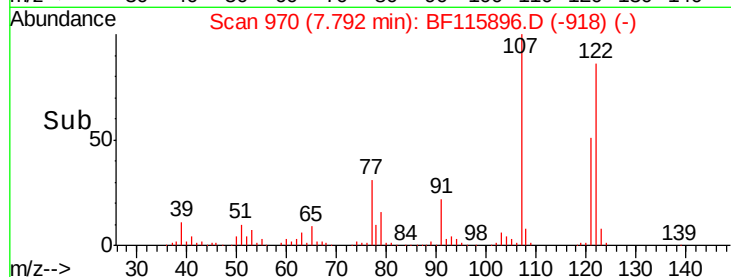
121 59.5 46.6 70.0



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: 44.158 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

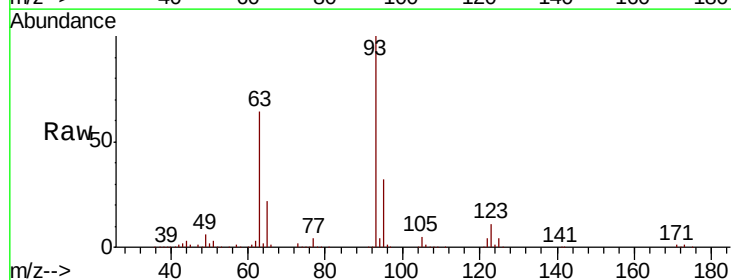
Tgt Ion: 93 Resp: 544423

Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

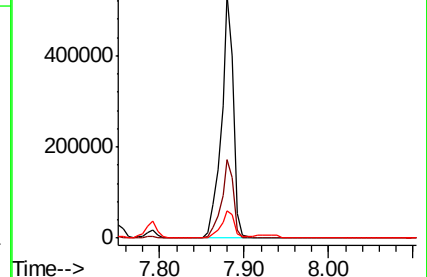
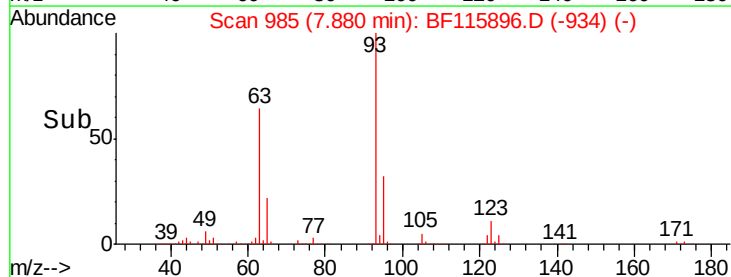
123 11.4 9.5 14.3

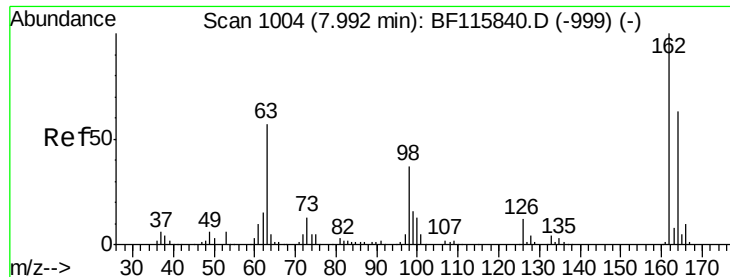


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

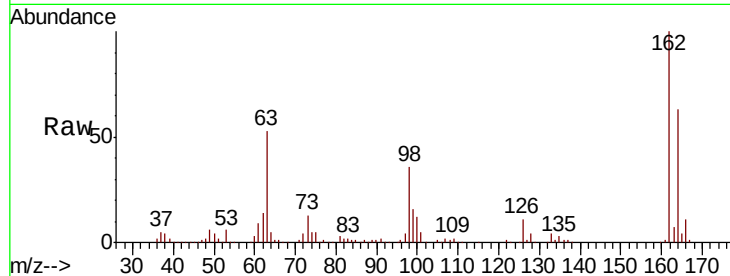




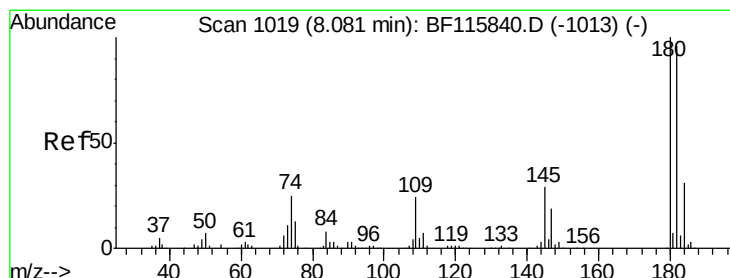
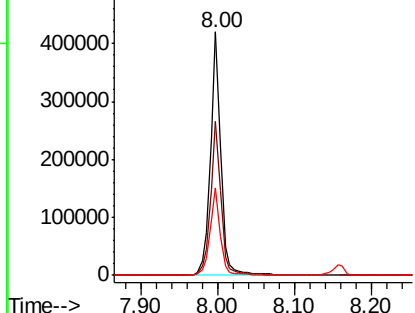
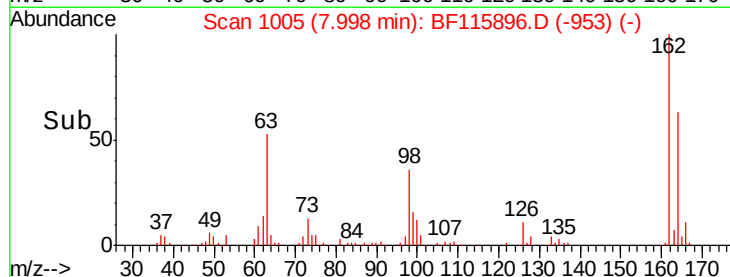
#29
2,4-Dichlorophenol
Concen: 46.208 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.2	83.2
98	36.2	17.3	57.3

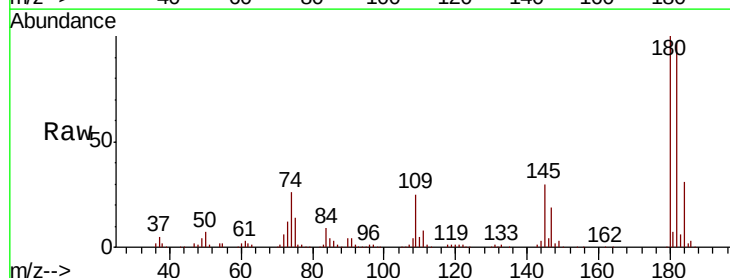


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

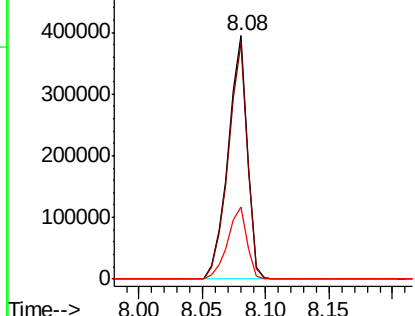
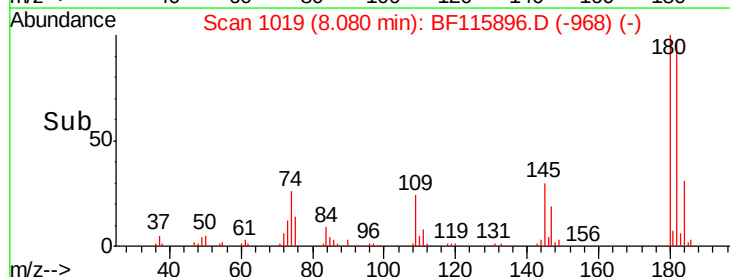


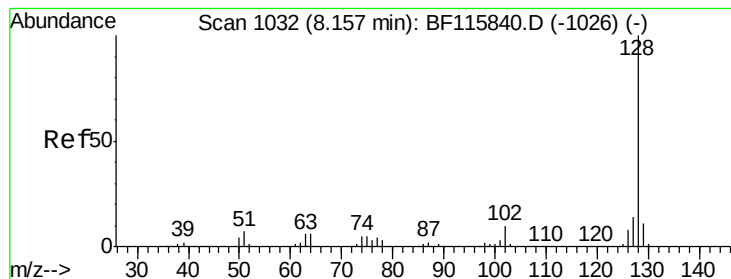
#30
1,2,4-Trichlorobenzene
Concen: 42.958 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.6	114.8
145	29.8	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: 45.346 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

ClientSampleId :

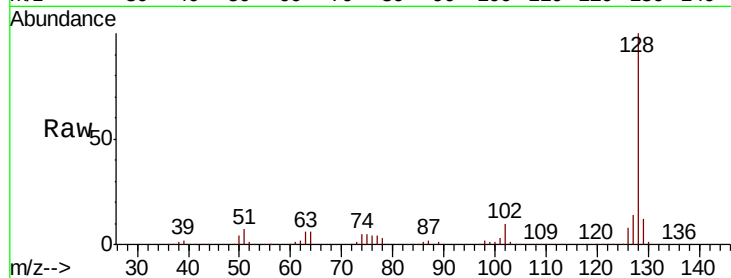
Tot Ion:128 Resp: 1281333

Ion Ratio Lower Upper

128 100

129 11.8 9.2 13.8

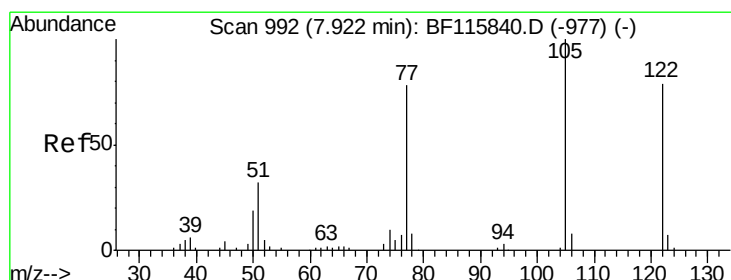
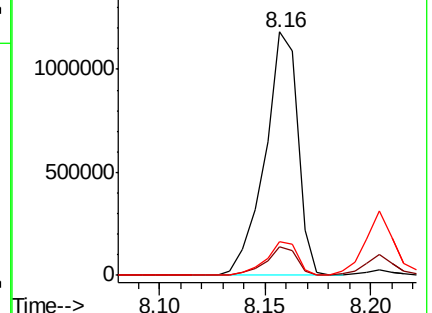
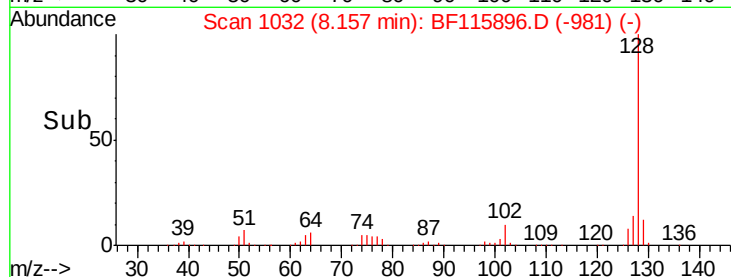
127 13.8 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.201 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

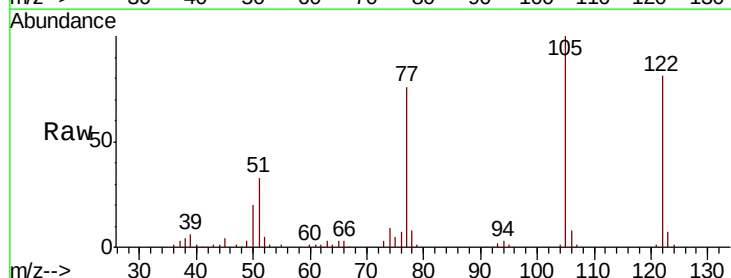
Tgt Ion:122 Resp: 237010

Ion Ratio Lower Upper

122 100

105 124.1 103.1 143.1

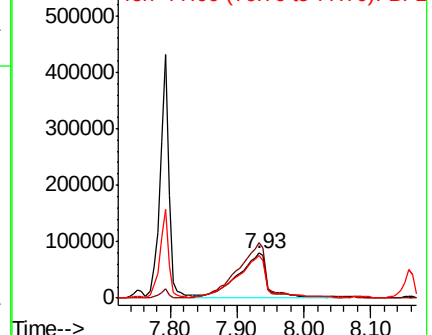
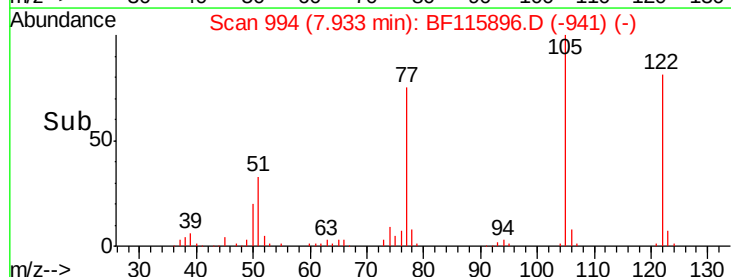
77 94.6 76.8 116.8

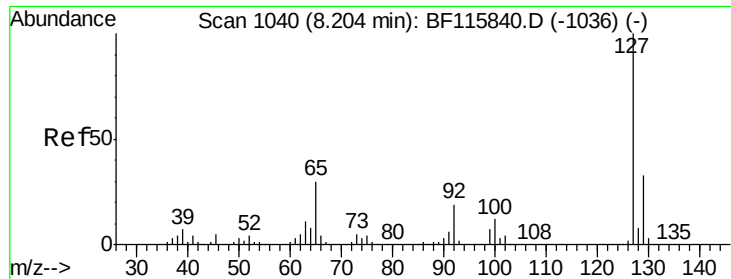


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

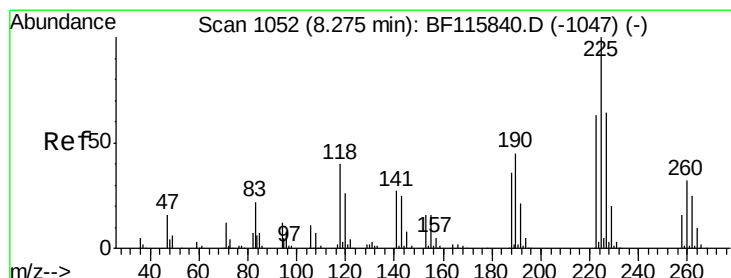
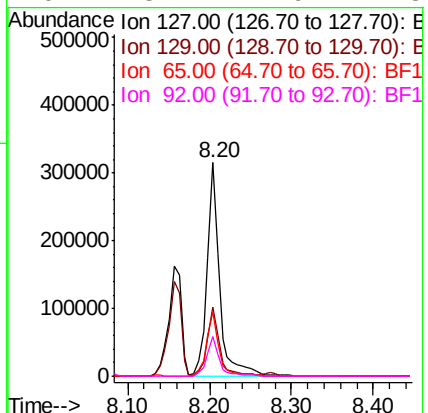
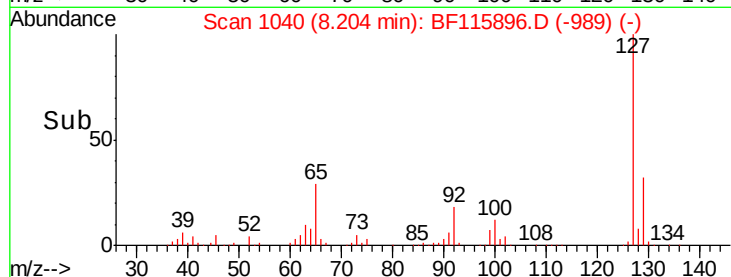
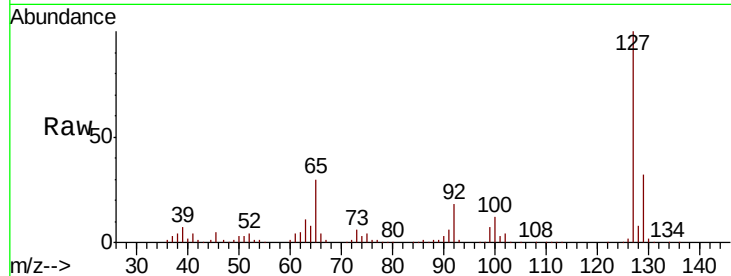




#33
4-Chloroaniline
Concen: 26.647 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

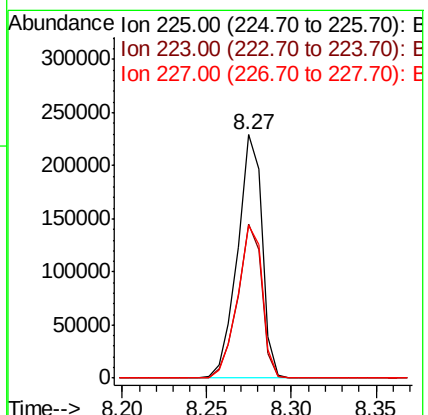
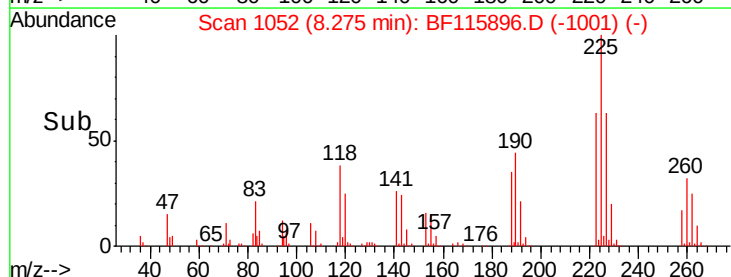
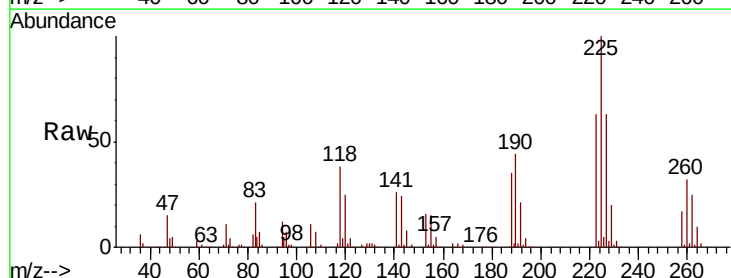
Instrument :
BNA_F
ClientSampled :

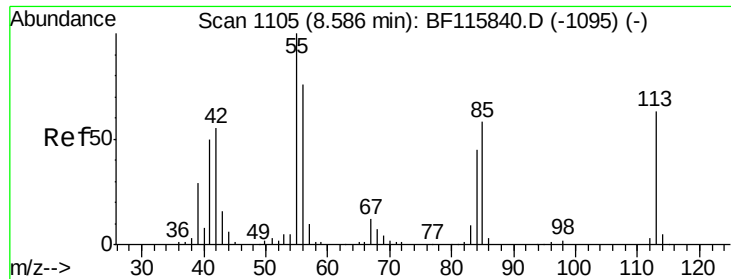
Tot Ion:127	Resp:	336437
Ion Ratio	Lower	Upper
127	100	
129	32.3	26.0 39.0
65	30.2	23.9 35.9
92	18.4	14.9 22.3



#34
Hexachlorobutadiene
Concen: 42.024 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion:225	Resp:	232075
Ion Ratio	Lower	Upper
225	100	
223	63.4	50.4 75.6
227	62.8	51.6 77.4

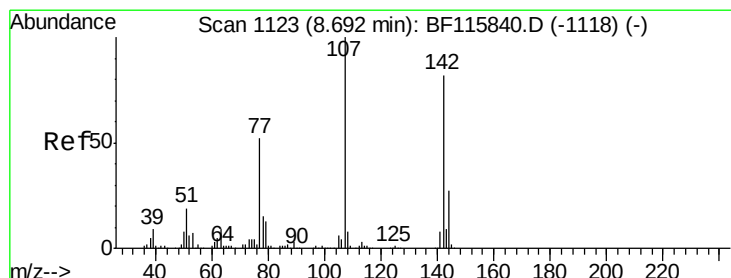
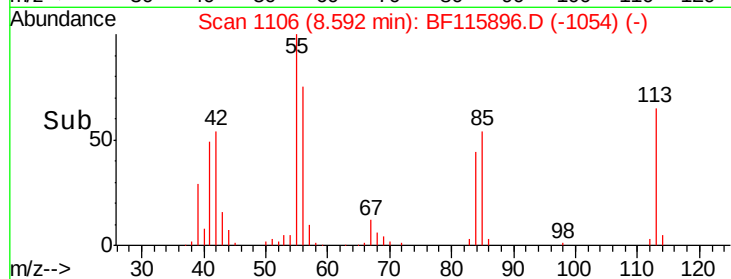
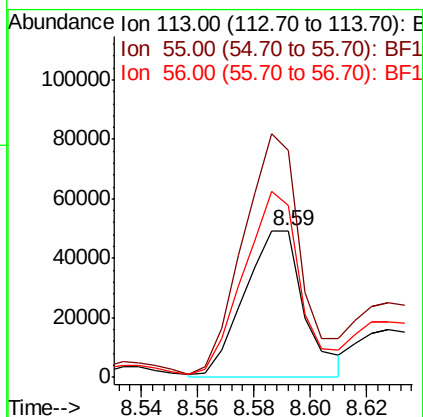
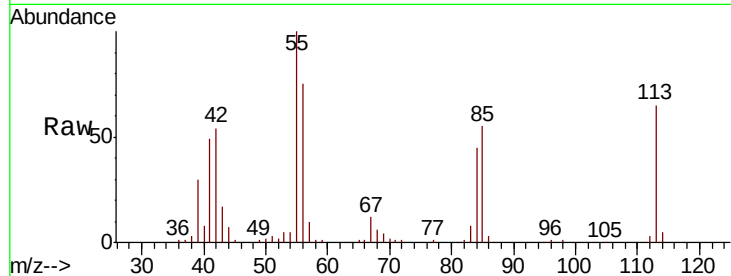




#35
 Caprolactam
 Concen: 26.598 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

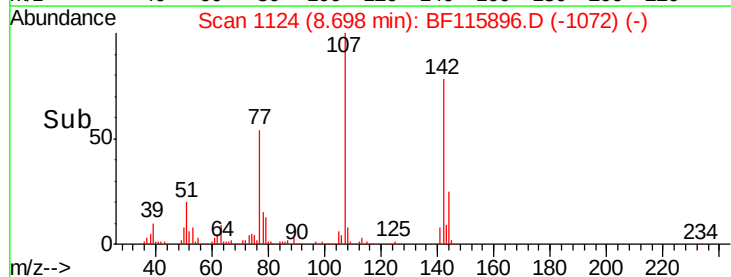
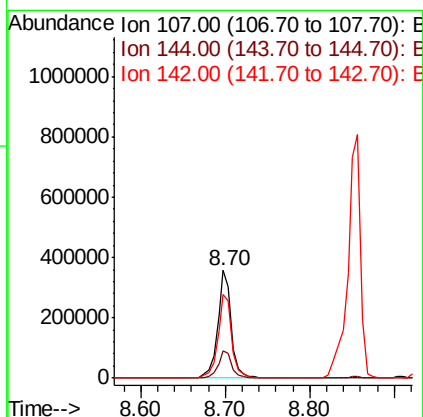
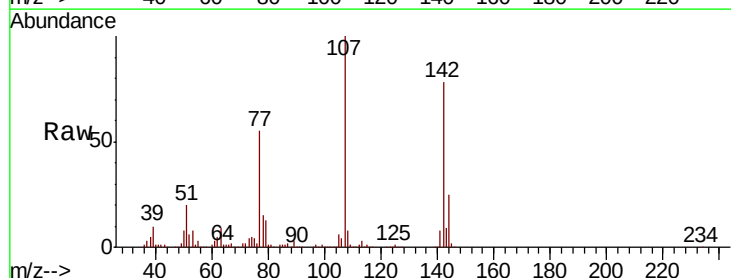
Instrument :
 BNA_F
 ClientSampleId :

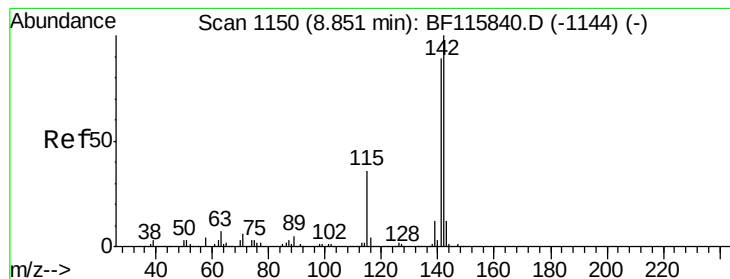
Tot Ion:113 Resp: 72355
 Ion Ratio Lower Upper
 113 100
 55 154.7 138.1 178.1
 56 116.7 100.6 140.6



#36
 4-Chloro-3-methylphenol
 Concen: 46.442 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion:107 Resp: 406371
 Ion Ratio Lower Upper
 107 100
 144 25.5 21.4 32.0
 142 78.4 65.5 98.3





#37

2-Methylnaphthalene

Concen: 46.354 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

ClientSampleId :

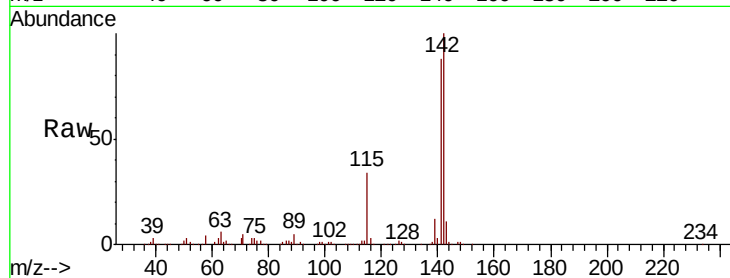
Tot Ion:142 Resp: 862640

Ion Ratio Lower Upper

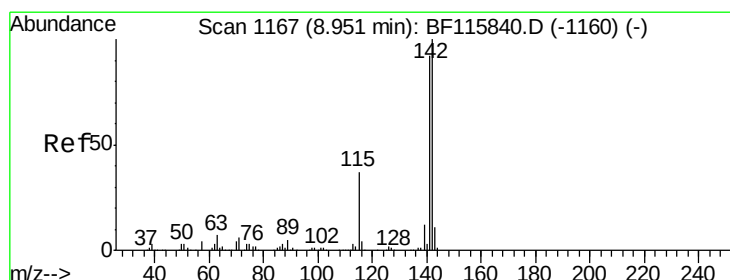
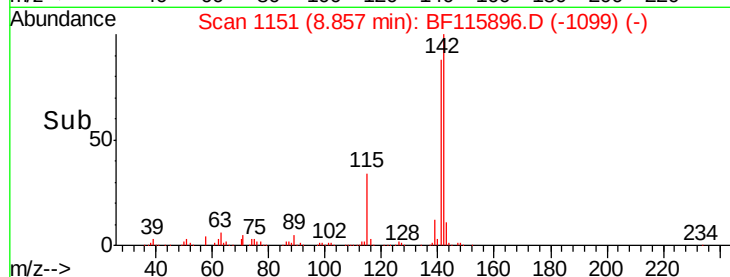
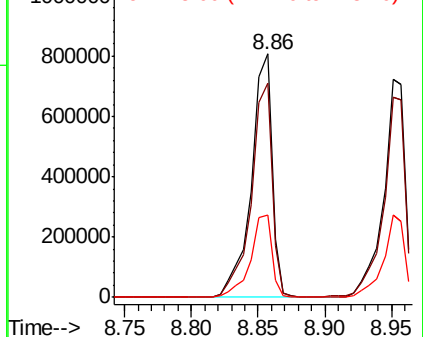
142 100

141 88.1 71.4 107.2

115 34.1 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: 45.883 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

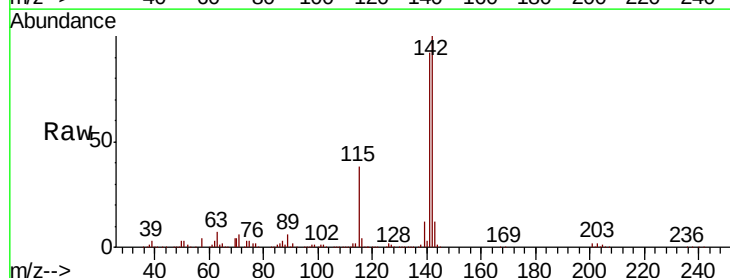
Tgt Ion:142 Resp: 807794

Ion Ratio Lower Upper

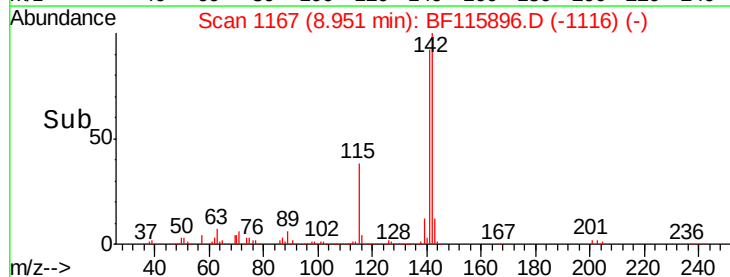
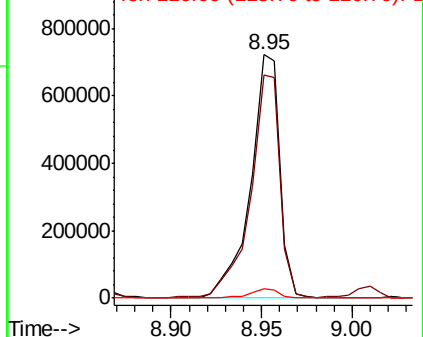
142 100

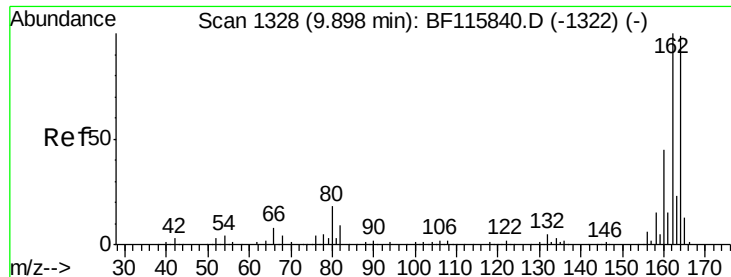
141 91.7 73.8 110.6

116 4.1 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

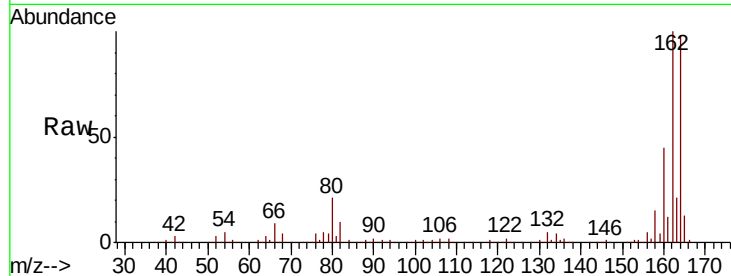




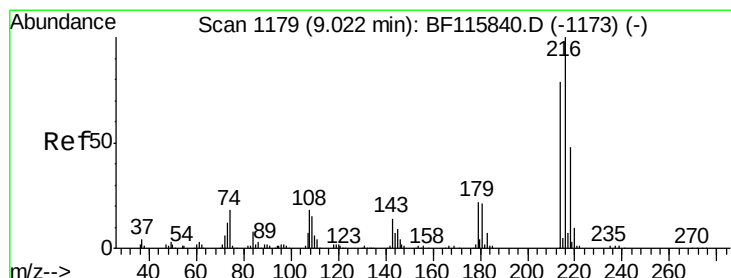
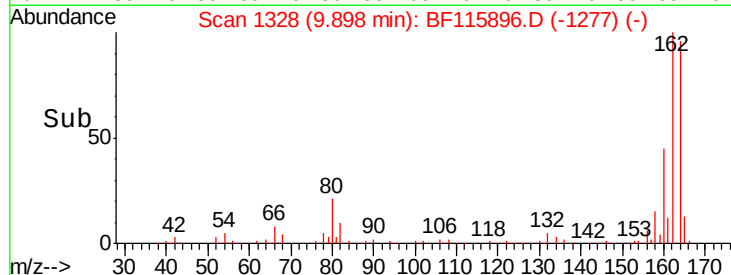
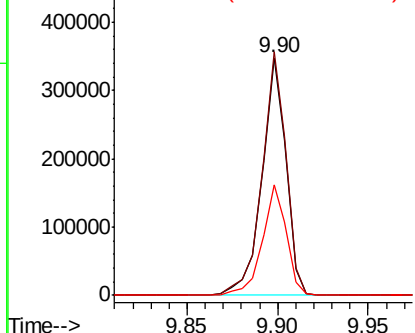
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.8	121.2
160	46.5	36.2	54.4



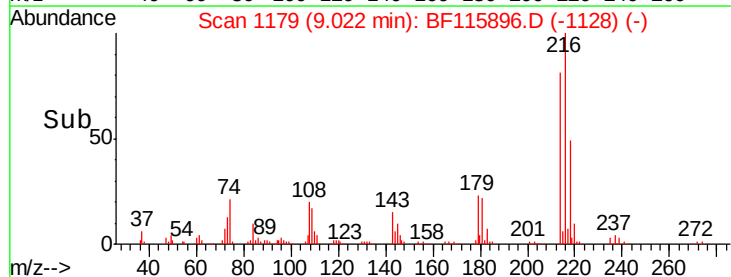
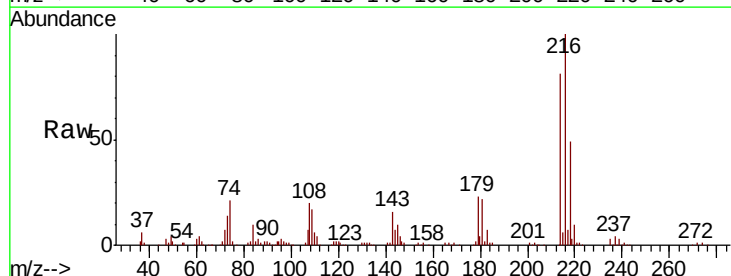
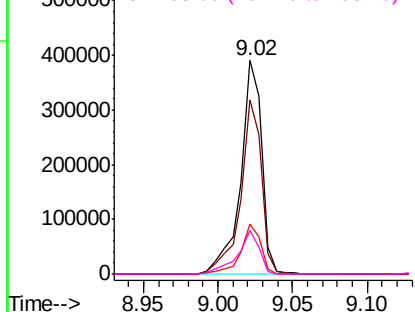
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

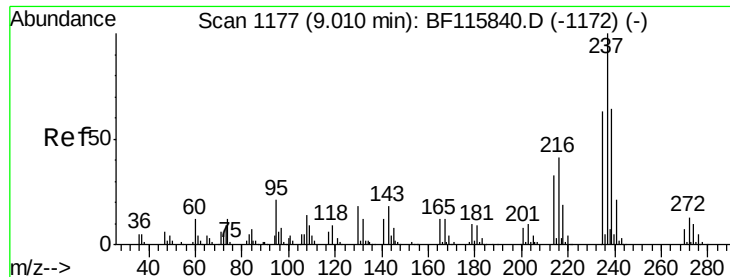


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.434 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	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

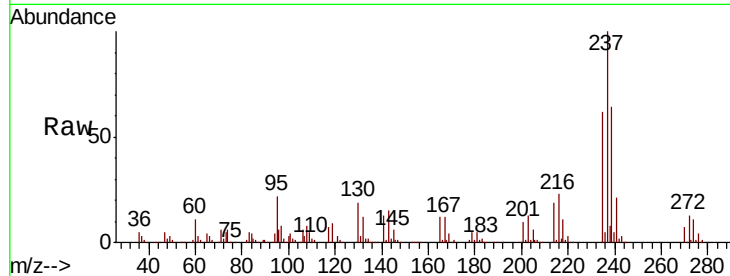




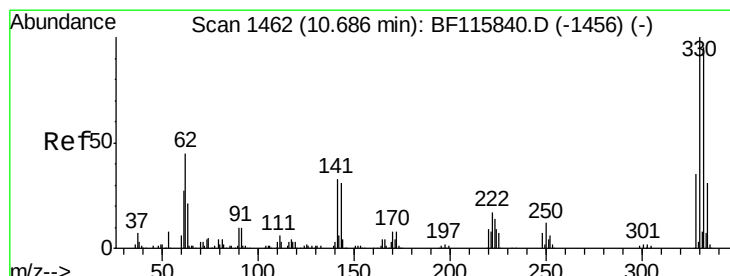
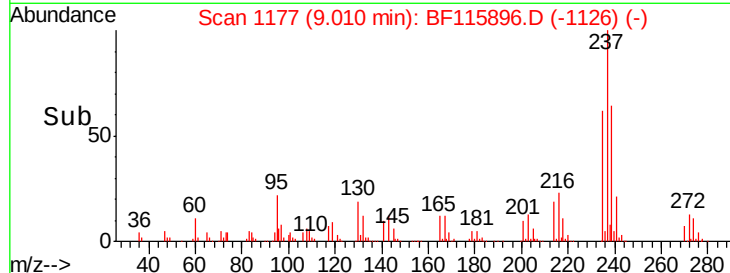
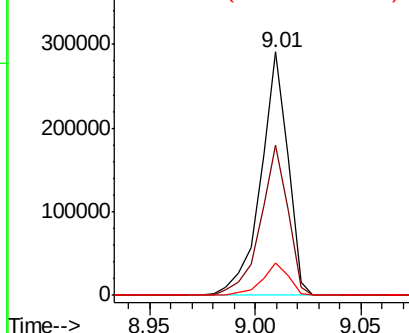
#41
Hexachlorocyclopentadiene
Concen: 68.170 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	237	Resp:	260235
Ion Ratio	Lower	Upper	
237	100		
235	61.9	42.5	82.5
272	13.3	0.0	33.3

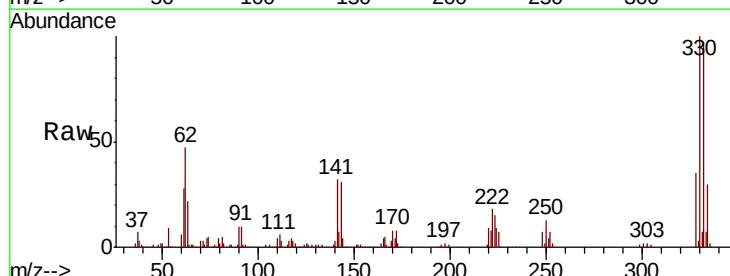


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

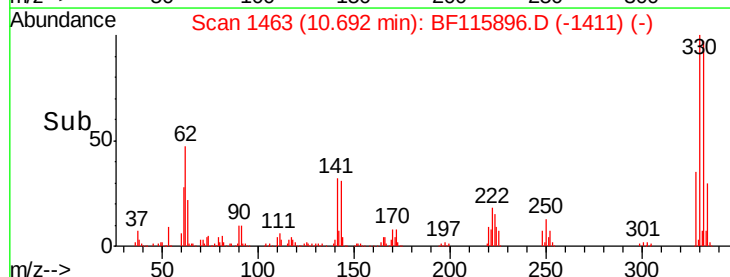
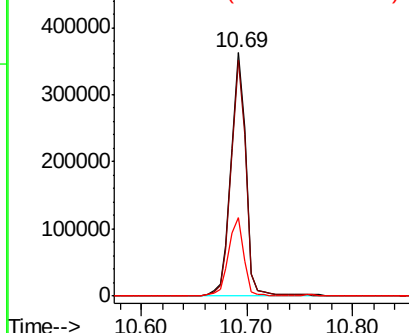


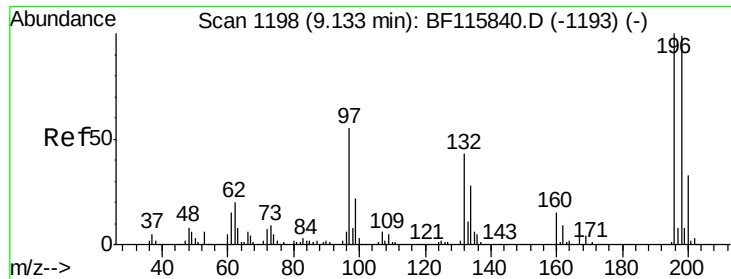
#42
2,4,6-Tribromophenol
Concen: 114.056 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion:	330	Resp:	356677
Ion Ratio	Lower	Upper	
330	100		
332	97.7	77.7	116.5
141	33.5	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

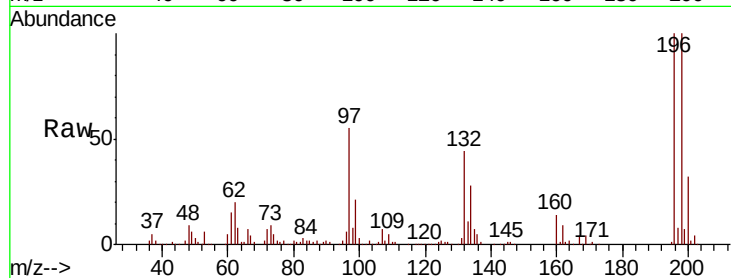




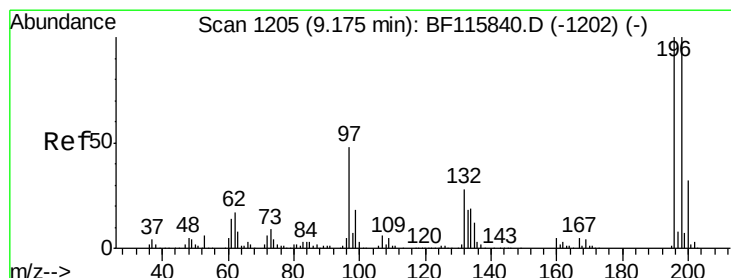
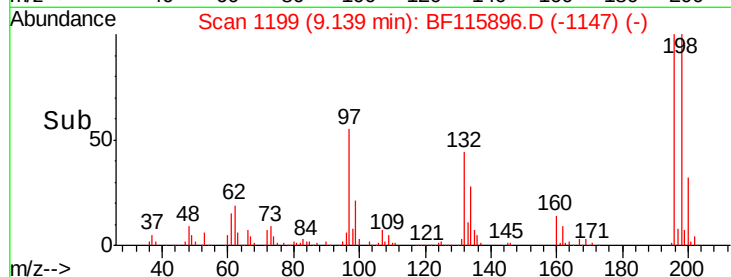
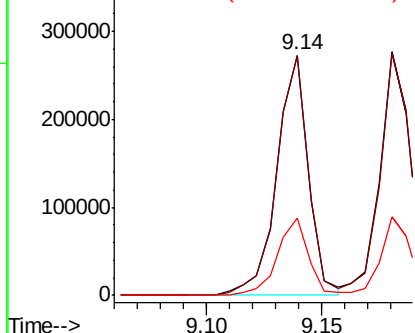
#43
 2,4,6-Trichlorophenol
 Concen: 43.401 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 257600
 Ion Ratio Lower Upper
 196 100
 198 99.9 79.1 118.7
 200 31.9 26.0 39.0

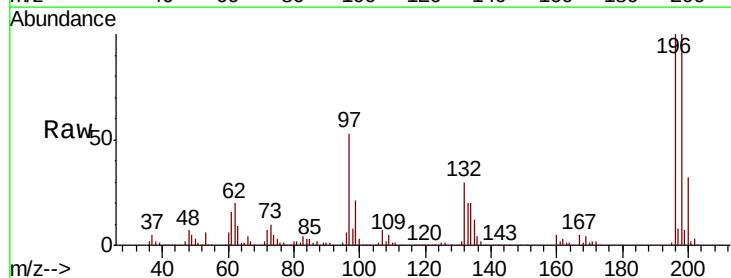


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

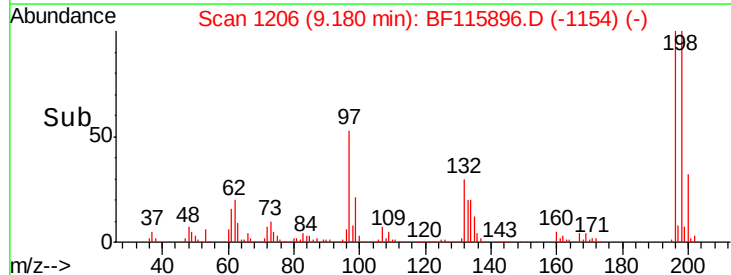
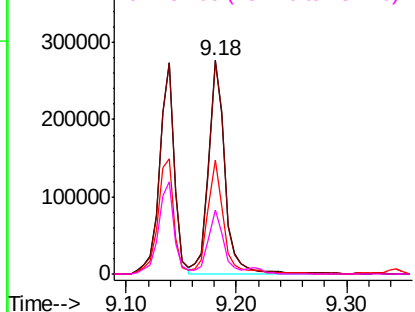


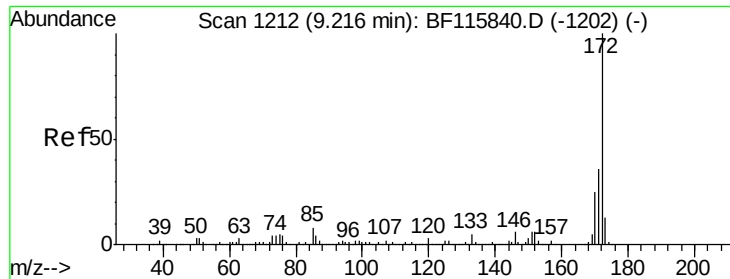
#44
 2,4,5-Trichlorophenol
 Concen: 44.907 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion:196 Resp: 275524
 Ion Ratio Lower Upper
 196 100
 198 99.5 80.1 120.1
 97 53.5 38.9 58.3
 132 29.9 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

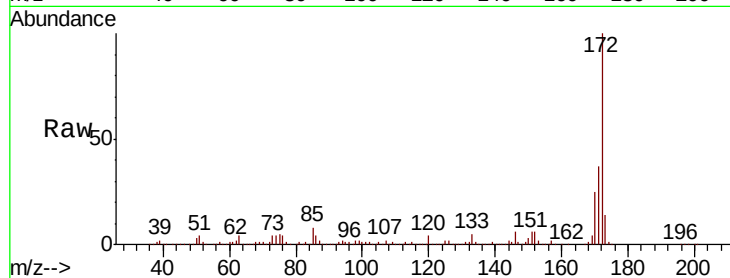




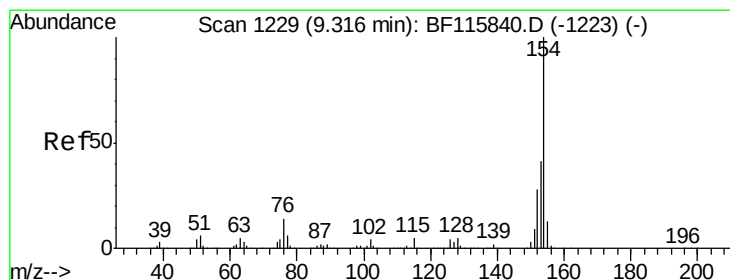
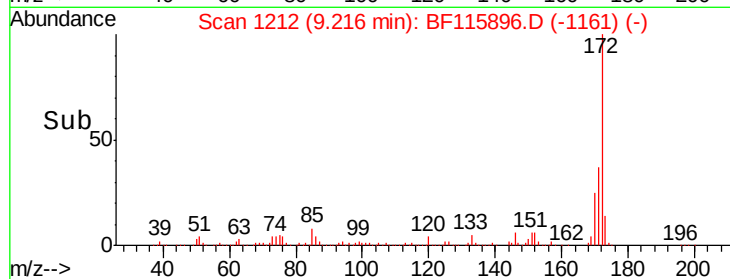
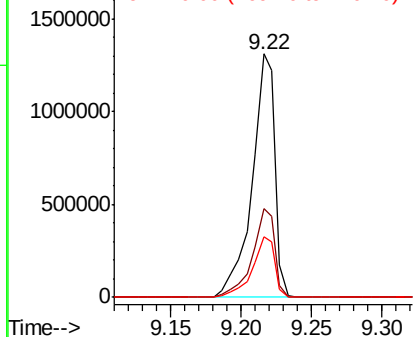
#45
2-Fluorobiphenyl
Concen: 86.509 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1489716
Ion Ratio Lower Upper
172 100
171 36.6 29.1 43.7
170 25.0 20.1 30.1

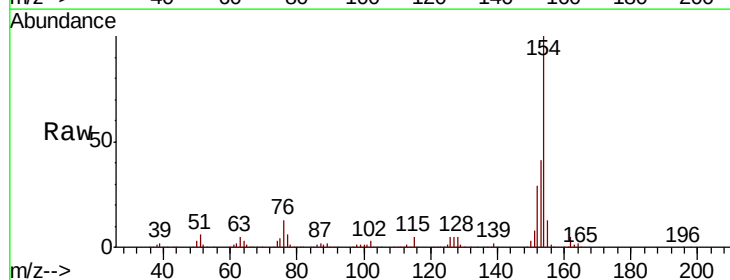


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

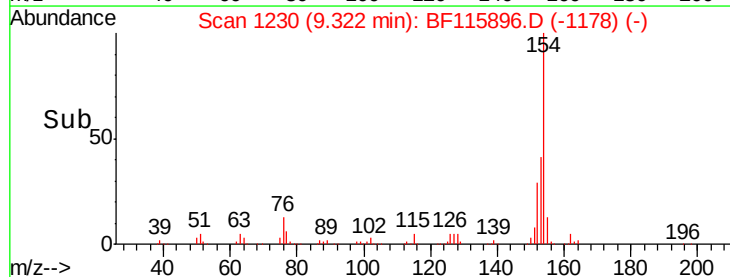
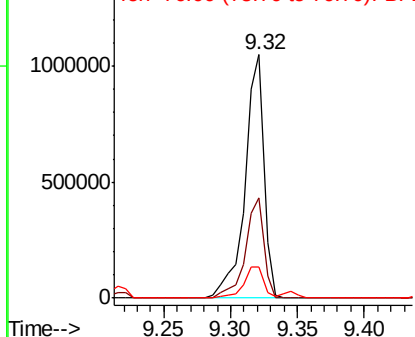


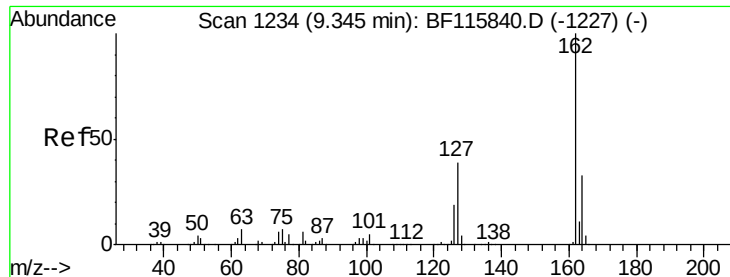
#46
1,1'-Biphenyl
Concen: 44.885 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion:154 Resp: 1022132
Ion Ratio Lower Upper
154 100
153 41.1 20.9 60.9
76 13.0 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

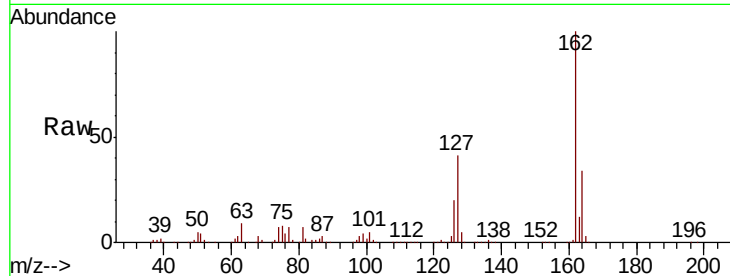




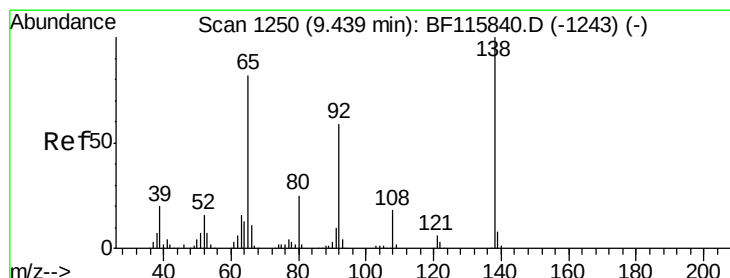
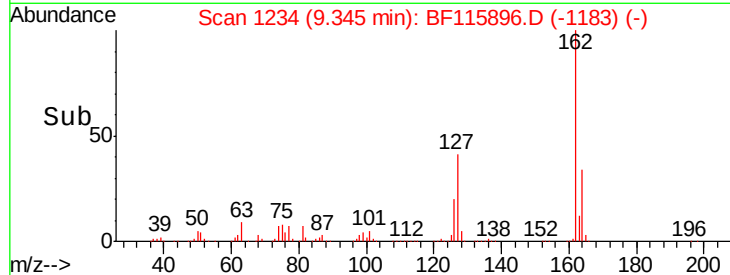
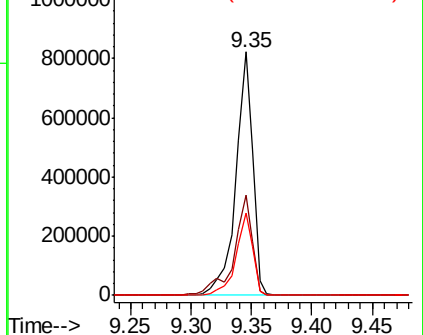
#47
 2-Chloronaphthalene
 Concen: 42.450 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	31.3	46.9
164	33.6	26.6	40.0

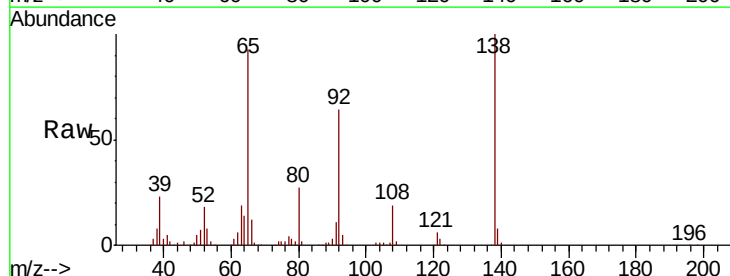


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

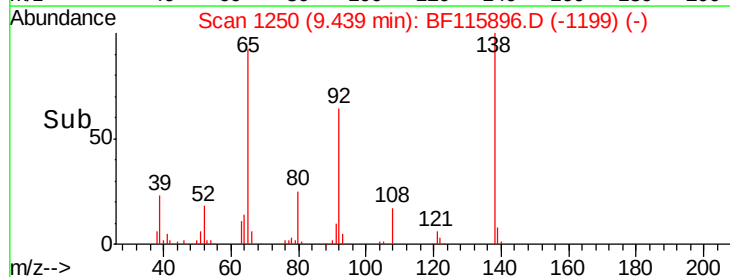
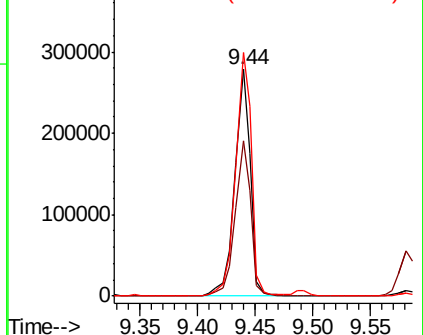


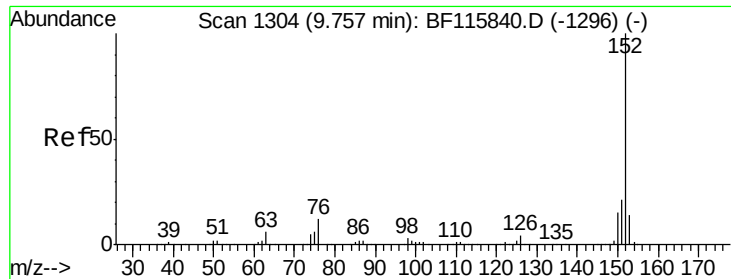
#48
 2-Nitroaniline
 Concen: 41.285 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	57.1	85.7
138	107.4	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: 45.203 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

ClientSampleId :

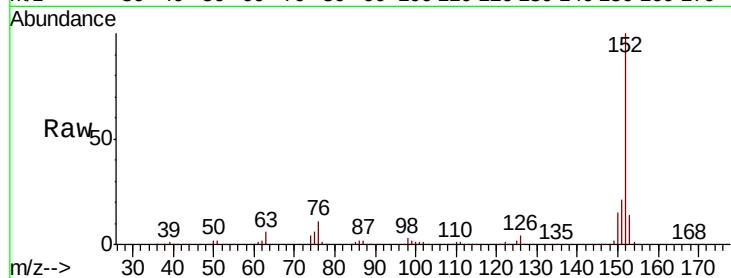
Tot Ion:152 Resp: 1249888

Ion Ratio Lower Upper

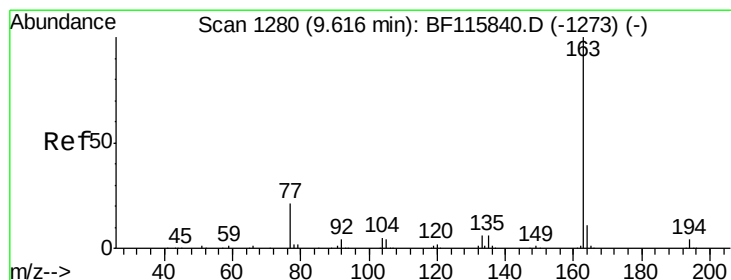
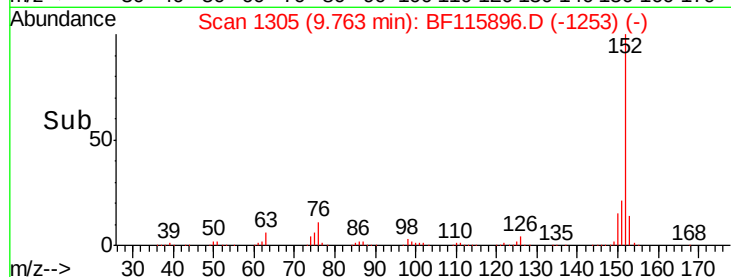
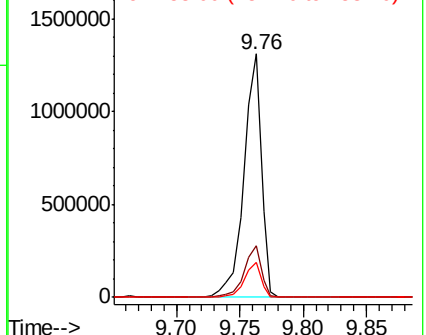
152 100

151 21.1 16.8 25.2

153 14.2 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: 43.172 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

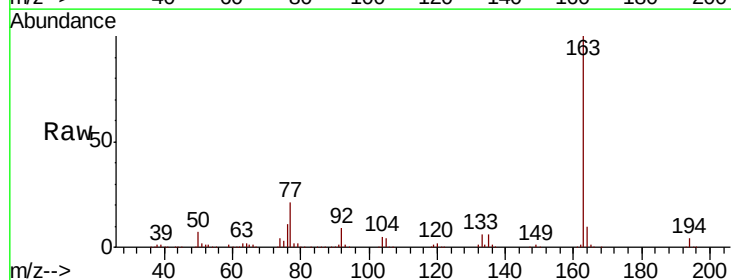
Tgt Ion:163 Resp: 948138

Ion Ratio Lower Upper

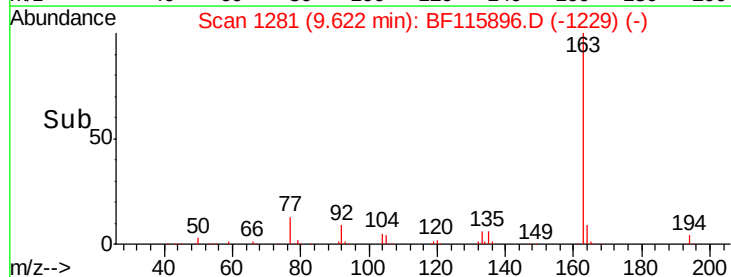
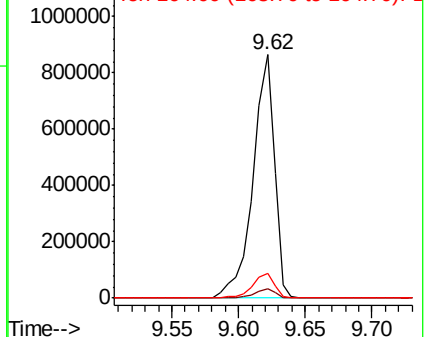
163 100

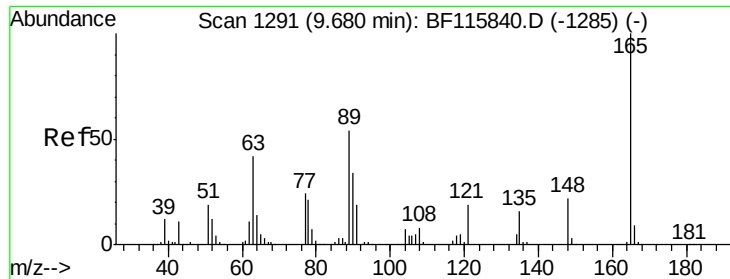
194 3.8 3.0 4.6

164 10.0 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: 44.501 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

ClientSampled :

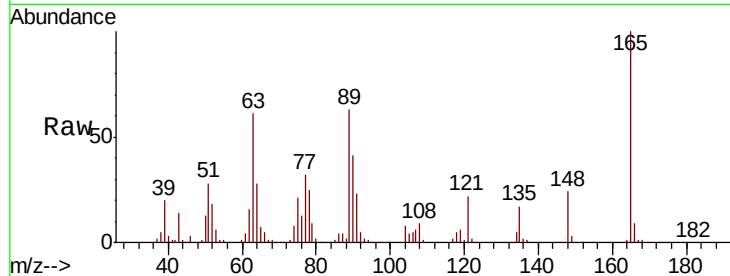
Tot Ion:165 Resp: 212391

Ion Ratio Lower Upper

165 100

63 61.3 39.4 59.2#

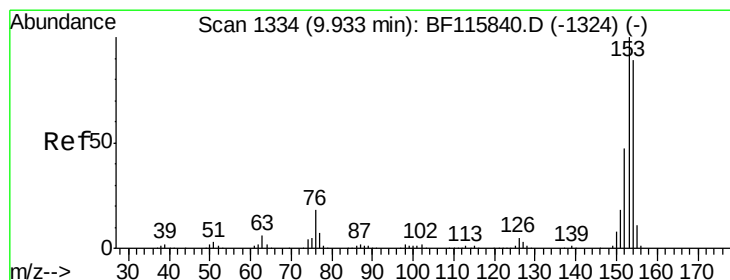
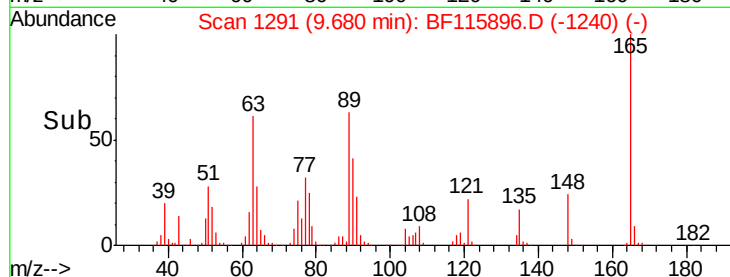
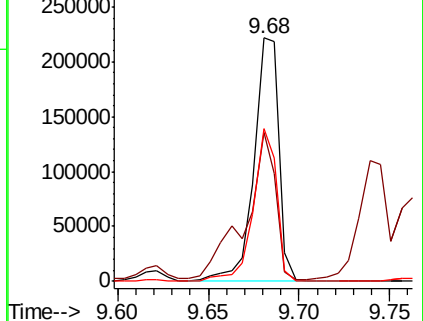
89 62.9 43.0 64.6



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: 44.027 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

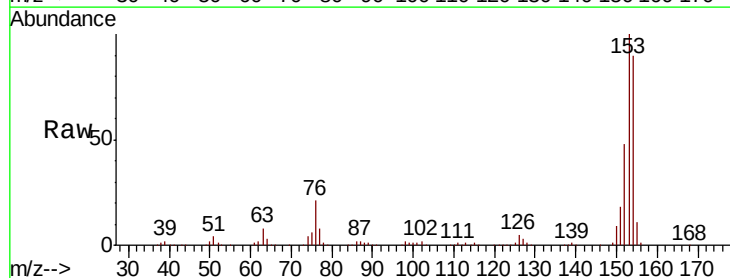
Tgt Ion:154 Resp: 746845

Ion Ratio Lower Upper

154 100

153 111.1 90.1 135.1

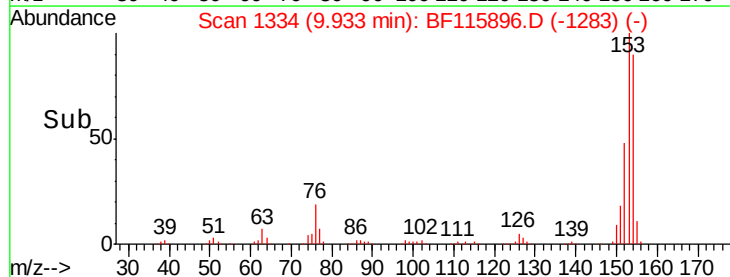
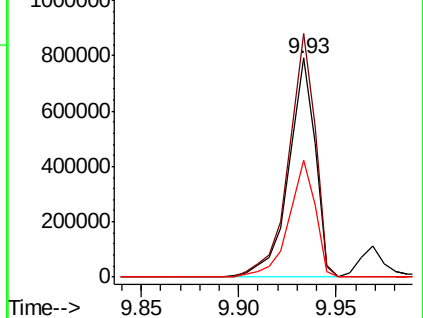
152 53.3 42.6 63.8

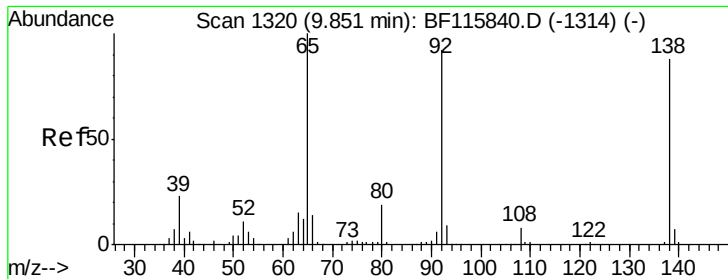


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

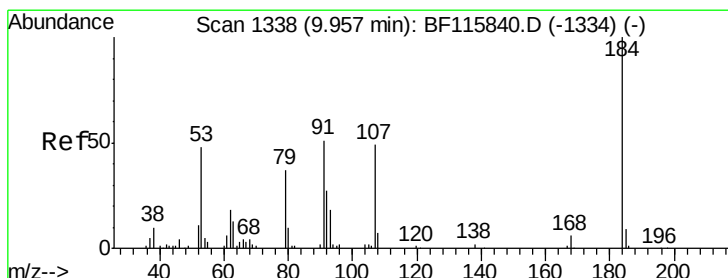
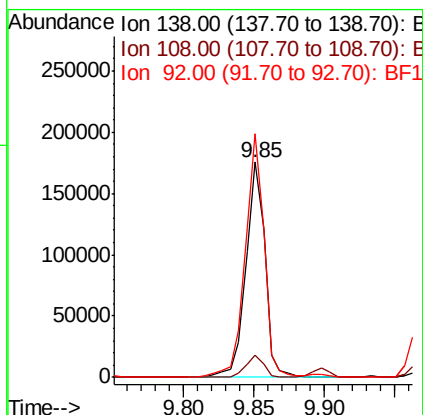
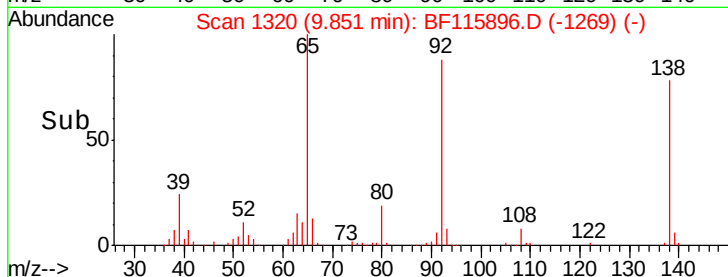
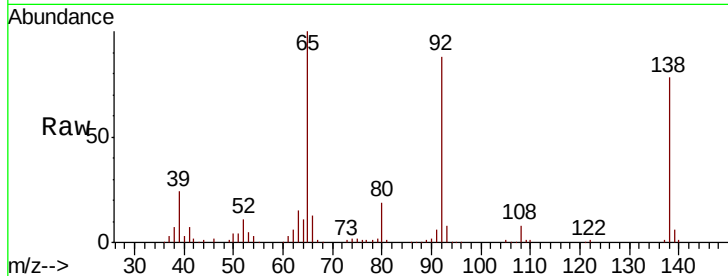




#53
3-Nitroaniline
Concen: 28.155 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

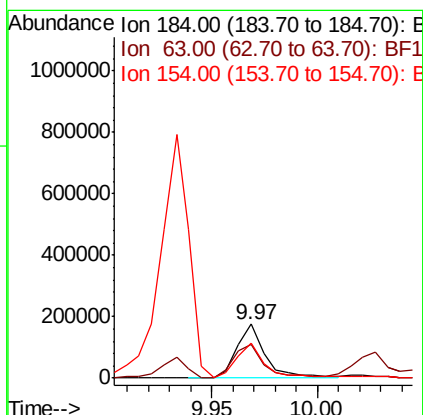
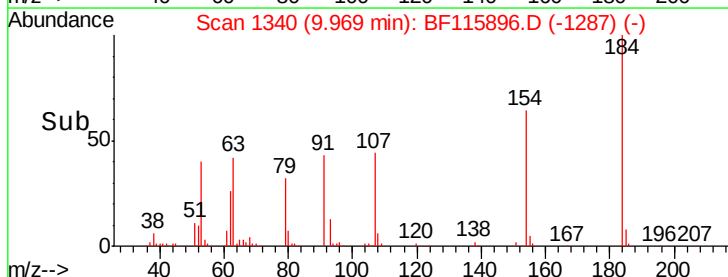
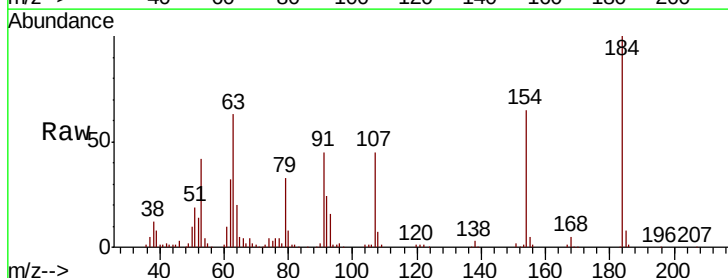
Instrument :
BNA_F
ClientSampled :

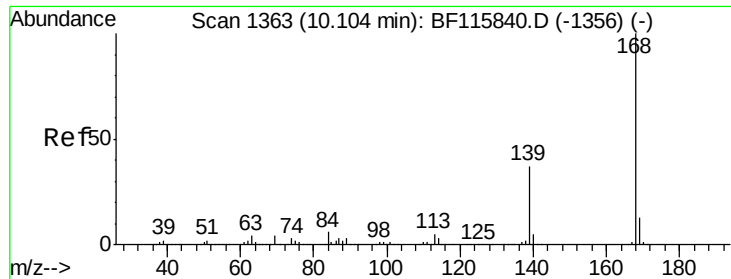
Tot Ion:138 Resp: 166040
Ion Ratio Lower Upper
138 100
108 10.1 7.4 11.2
92 113.1 83.9 125.9



#54
2,4-Dinitrophenol
Concen: 69.206 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion:184 Resp: 165160
Ion Ratio Lower Upper
184 100
63 62.9 56.7 85.1
154 64.5 51.9 77.9

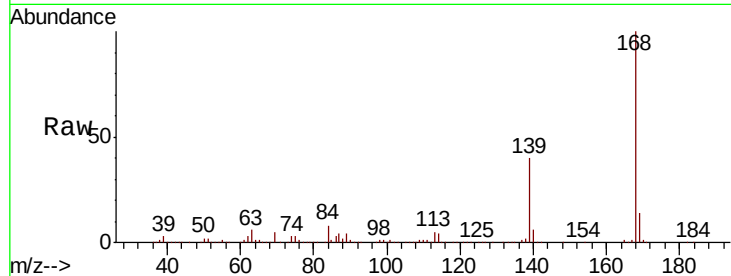




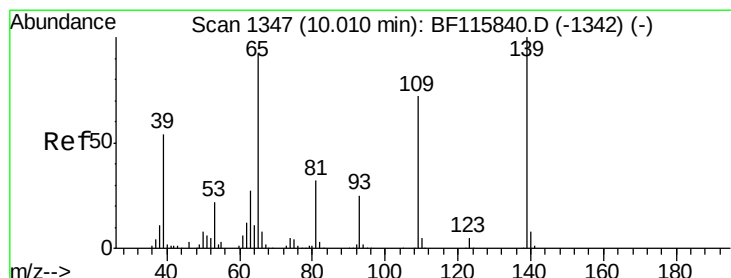
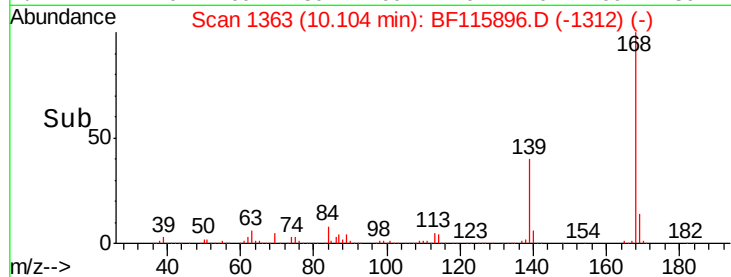
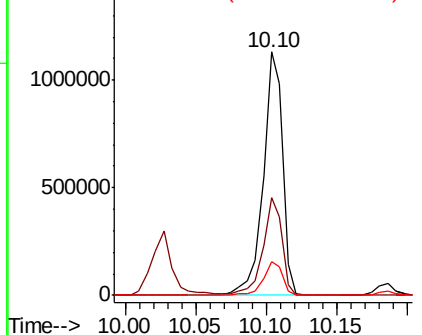
#55
Dibenzenofuran
Concen: 44.522 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1098319
Ion Ratio Lower Upper
168 100
139 39.9 30.2 45.2
169 14.1 10.8 16.2

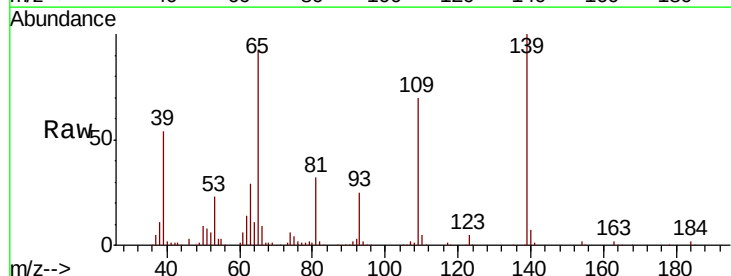


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

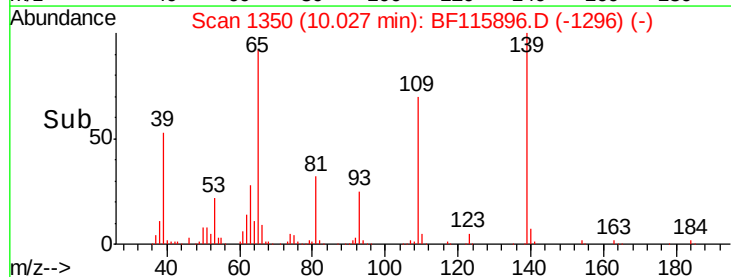
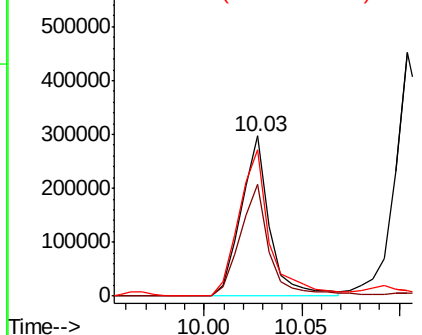


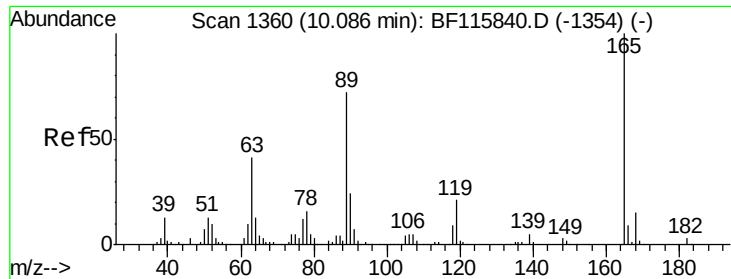
#56
4-Nitrophenol
Concen: 79.970 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion:139 Resp: 302115
Ion Ratio Lower Upper
139 100
109 69.9 52.0 92.0
65 91.6 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

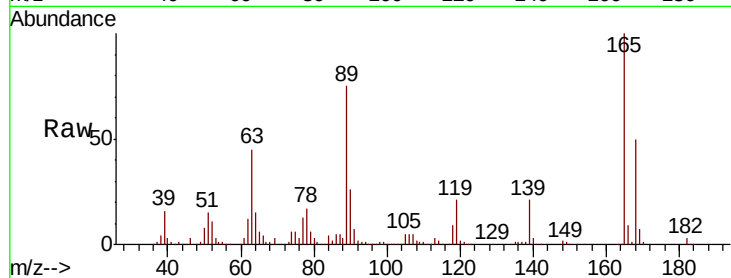




#57
 2,4-Dinitrotoluene
 Concen: 44.327 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.3	33.2	49.8
89	75.1	57.3	85.9
182	2.6	2.1	3.1



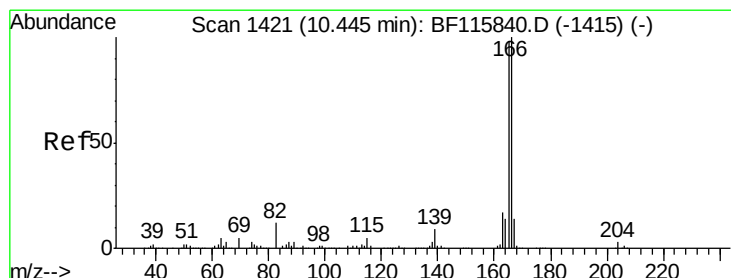
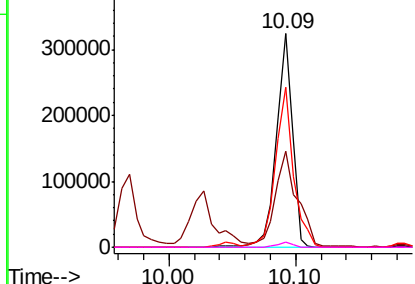
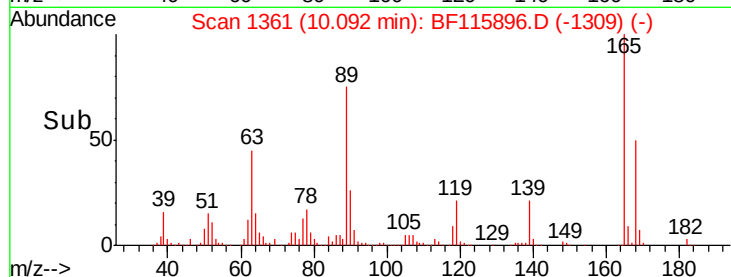
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

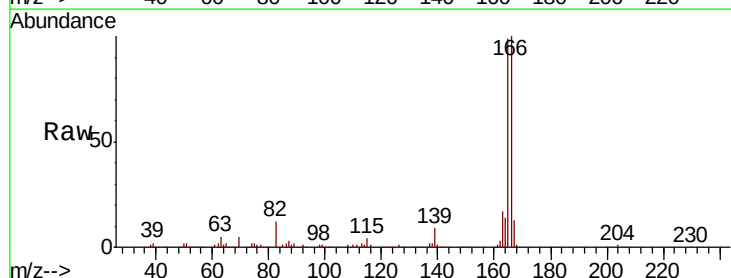
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 44.342 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.6	118.0
167	13.4	10.9	16.3

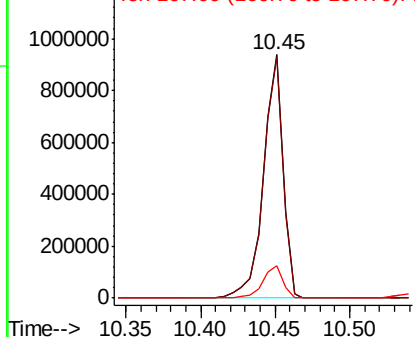
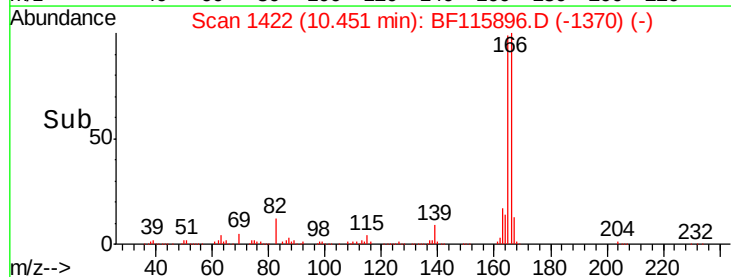


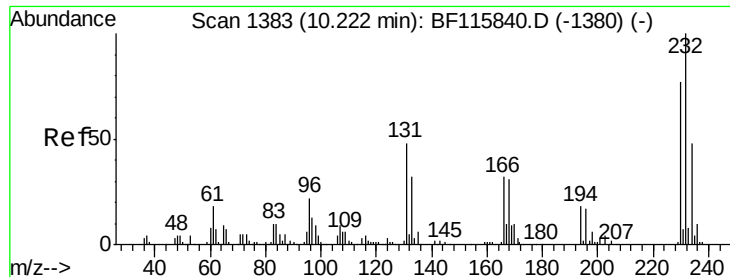
Abundance

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

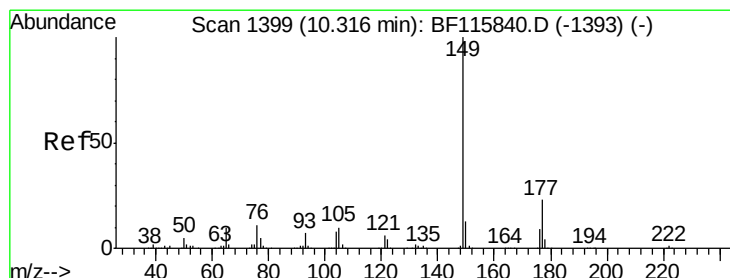
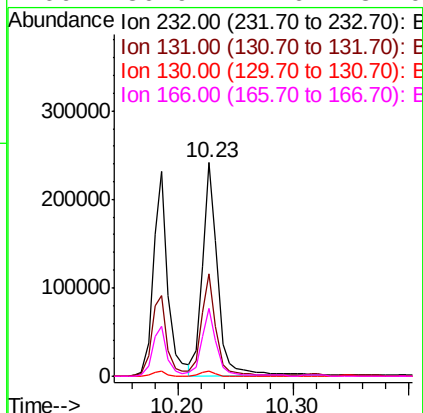
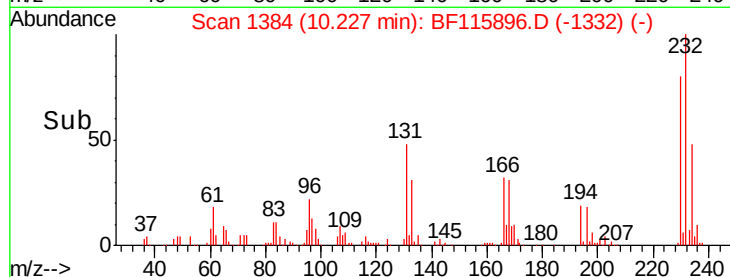
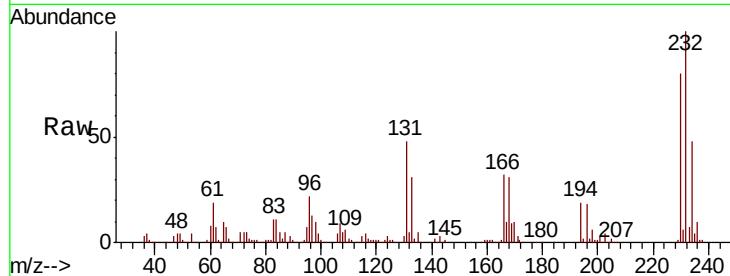




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.225 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

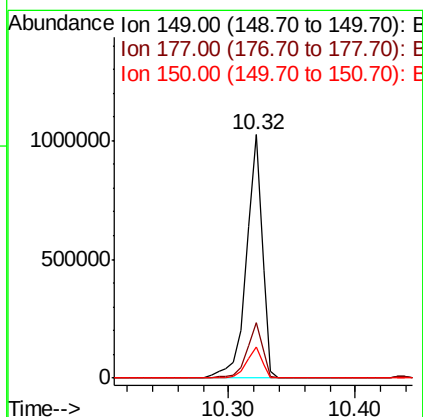
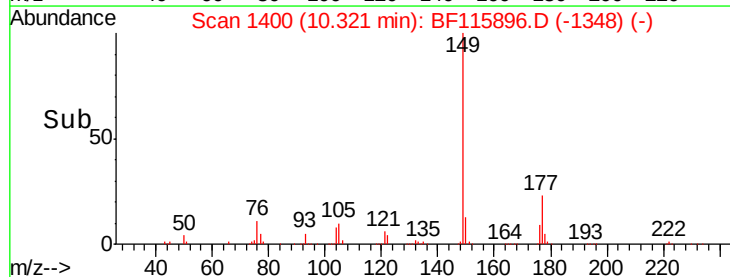
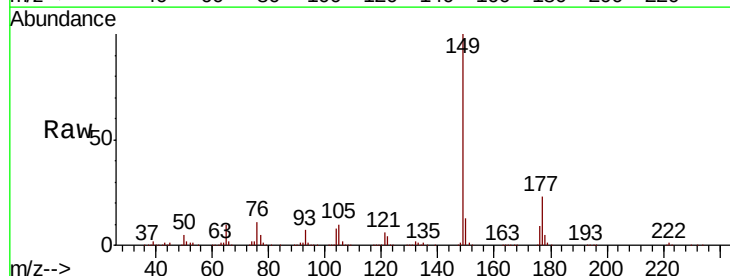
Instrument :
BNA_F
ClientSampleId :

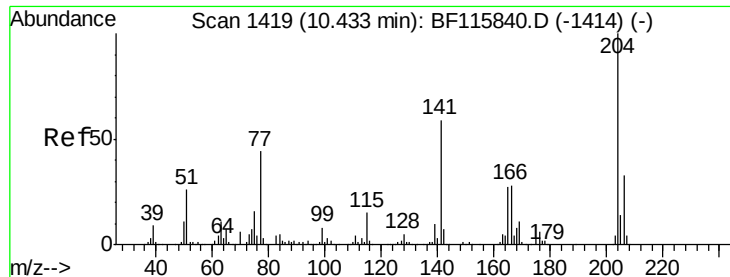
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.5	37.6	56.4
130	2.5	1.8	2.8
166	30.9	24.6	37.0



#60
Diethylphthalate
Concen: 43.035 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.4	27.6
150	12.8	10.1	15.1

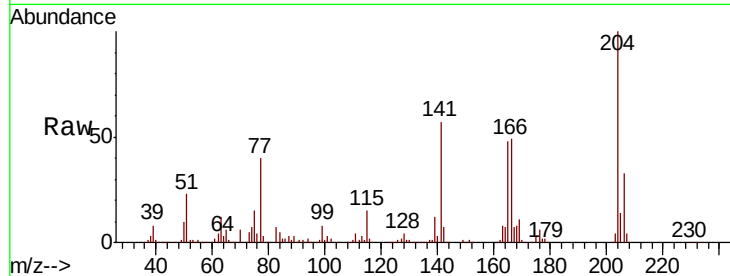




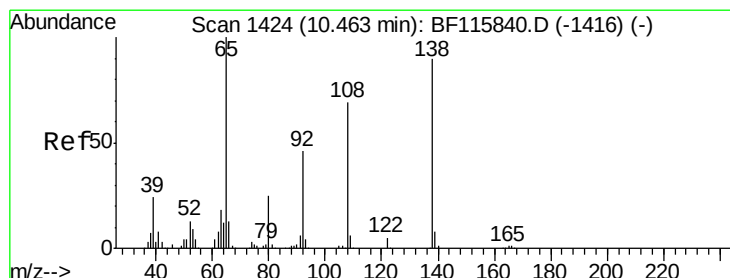
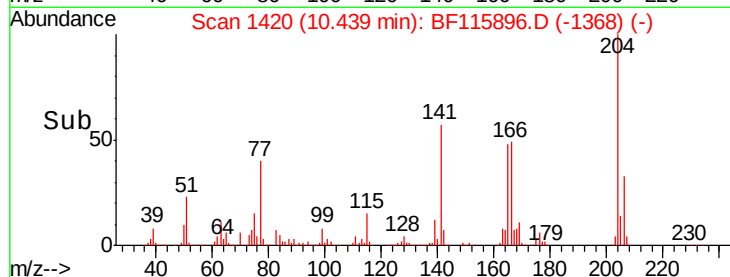
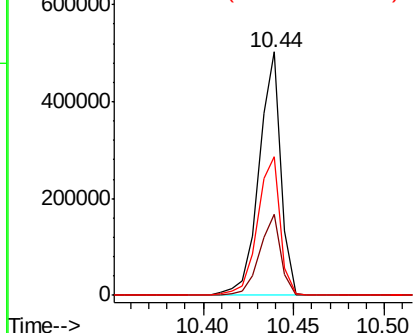
#61
4-Chlorophenyl-phenylether
Concen: 43.720 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 420247
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 57.1 47.0 70.4

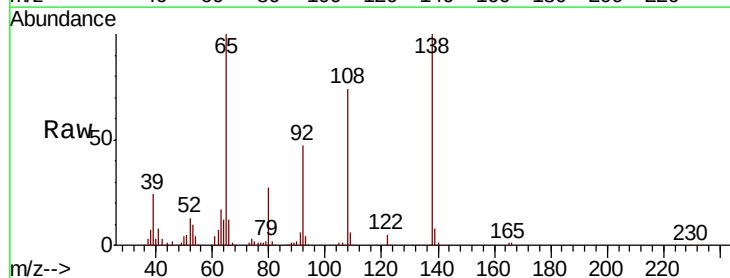


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

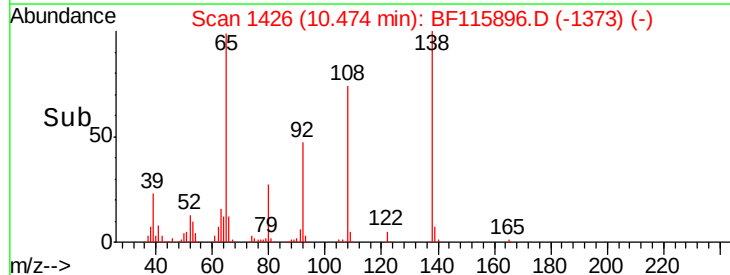
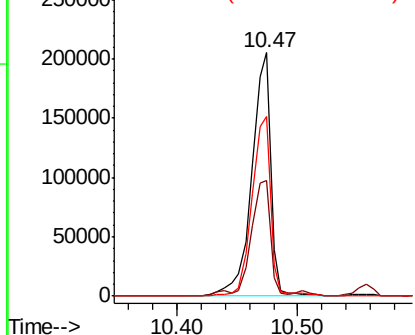


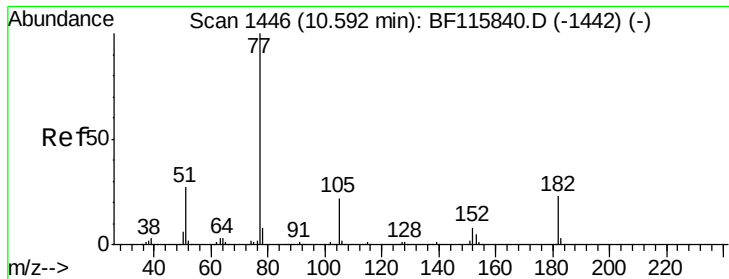
#62
4-Nitroaniline
Concen: 37.351 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion:138 Resp: 227640
Ion Ratio Lower Upper
138 100
92 47.4 31.0 71.0
108 73.8 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: 44.386 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 936095

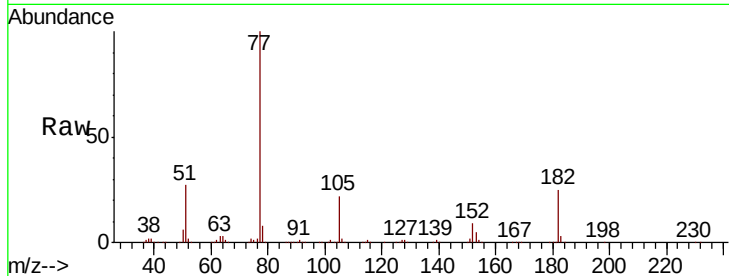
Ion Ratio Lower Upper

77 100

182 25.1 2.6 42.6

105 22.4 1.6 41.6

51 27.1 7.4 47.4

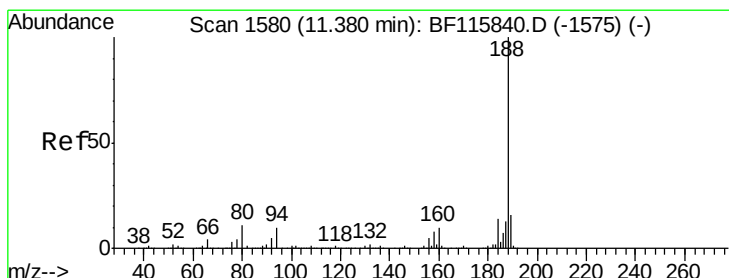
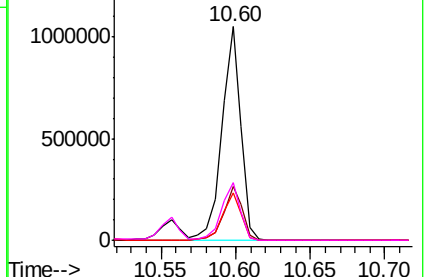
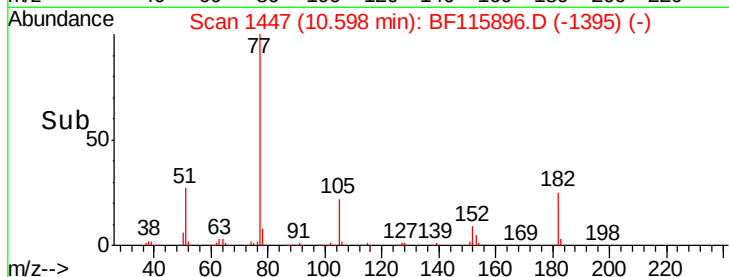


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

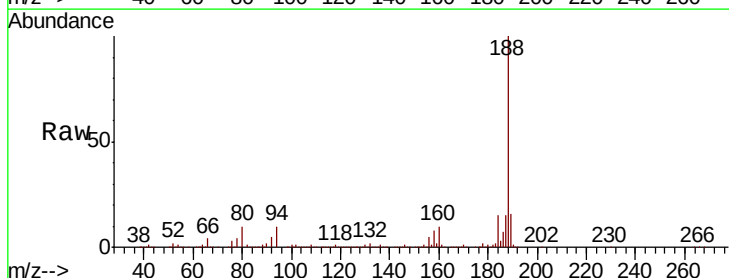
Tgt Ion: 188 Resp: 550458

Ion Ratio Lower Upper

188 100

94 9.9 8.0 12.0

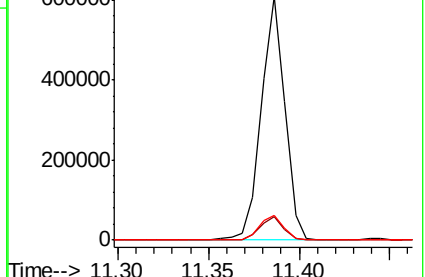
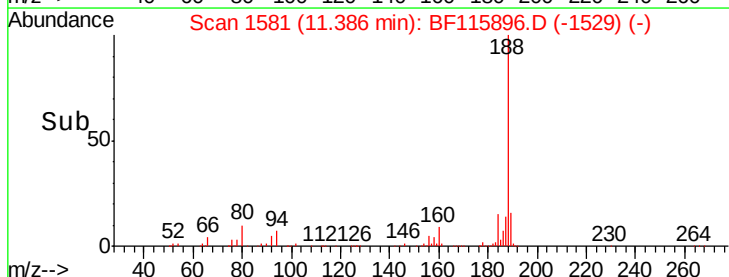
80 10.4 8.6 12.8

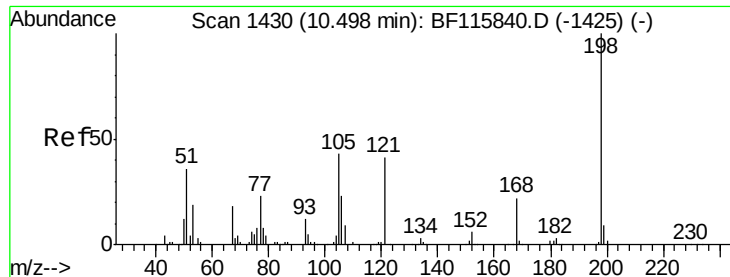


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

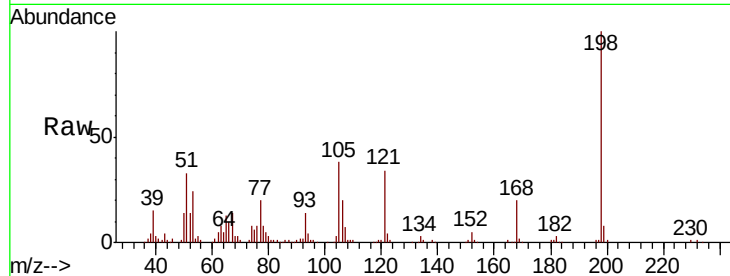




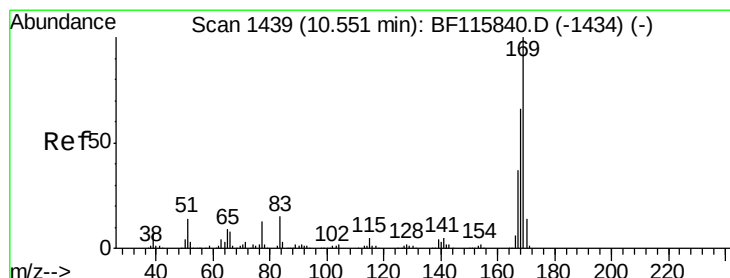
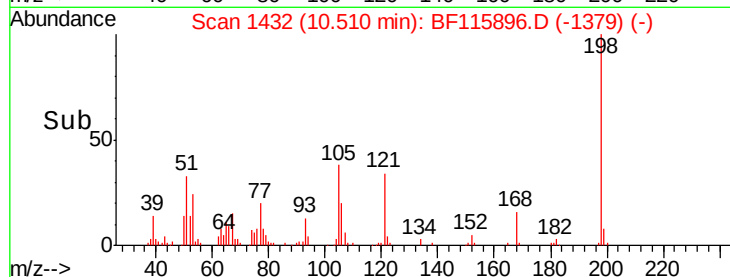
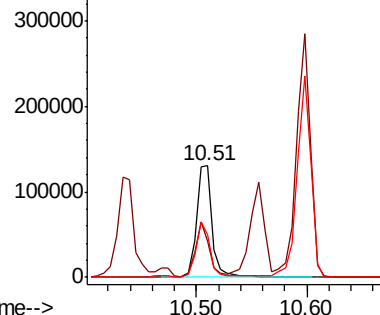
#65
4,6-Dinitro-2-methylphenol
Concen: 44.806 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	32.9	21.1	61.1
105	37.7	24.5	64.5

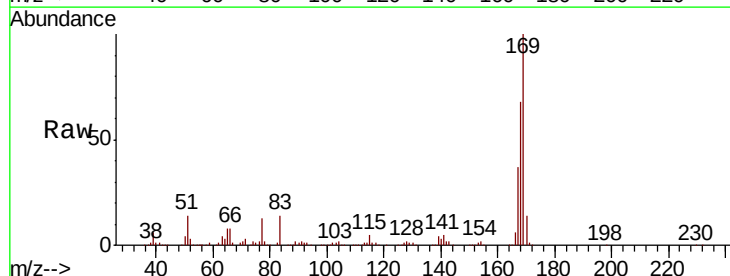


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

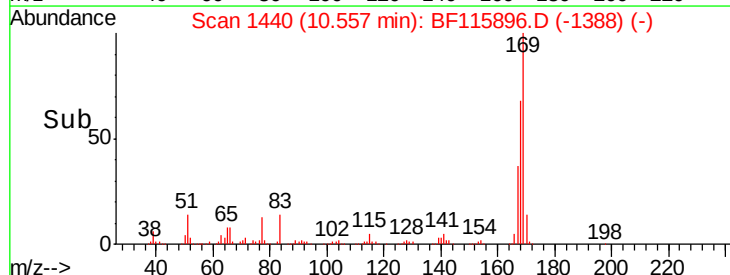
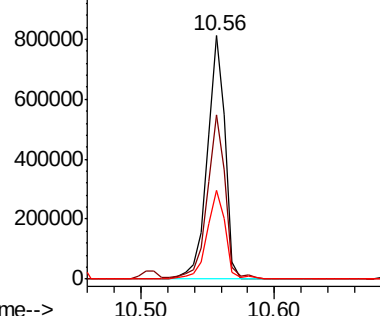


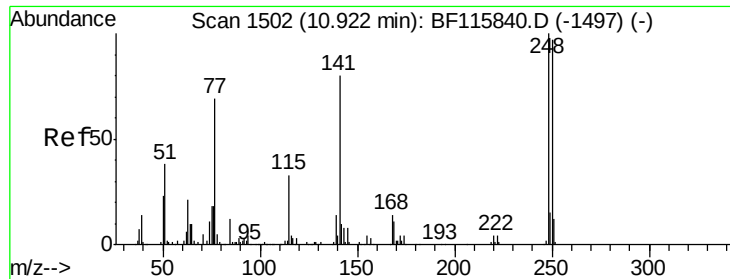
#66
n-Nitrosodiphenylamine
Concen: 45.795 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.0	79.6
167	36.7	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

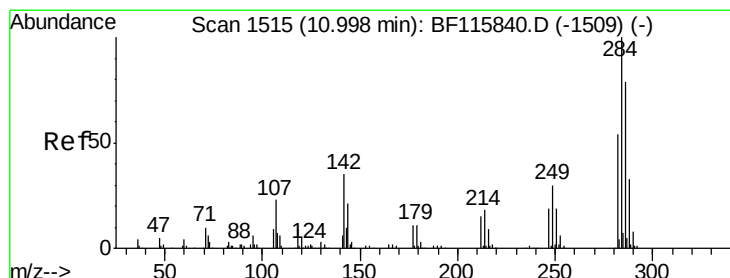
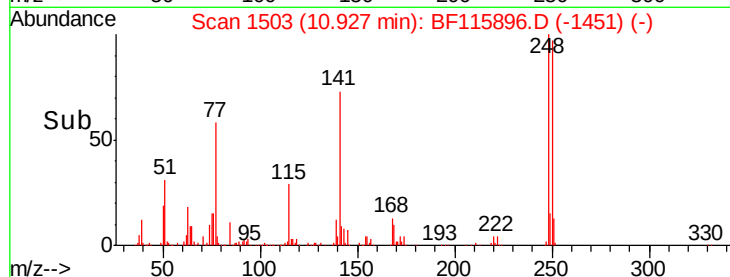
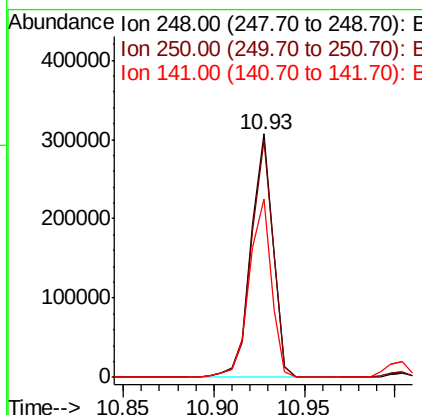
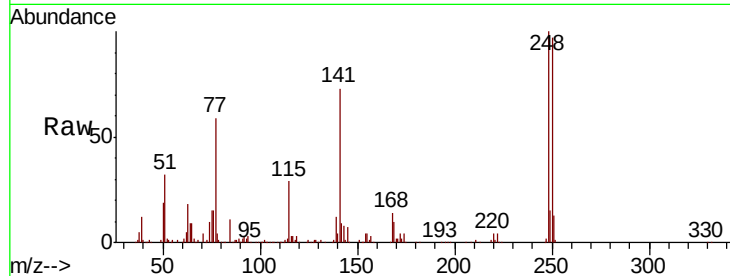




#67
 4-Bromophenyl-phenylether
 Concen: 44.071 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

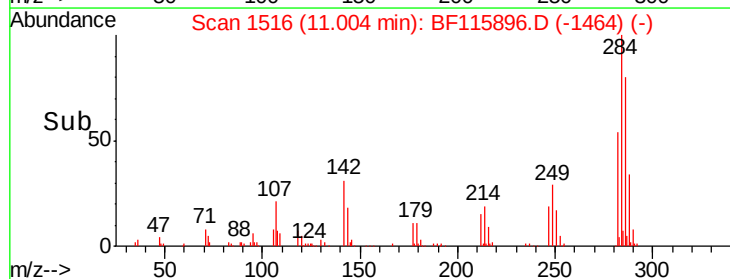
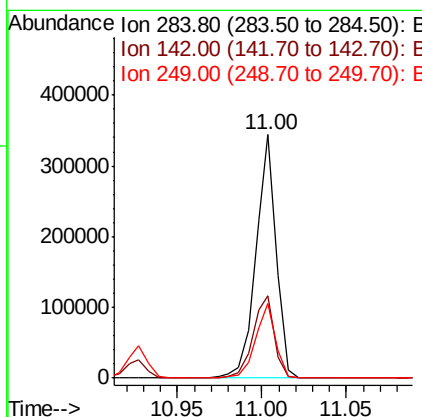
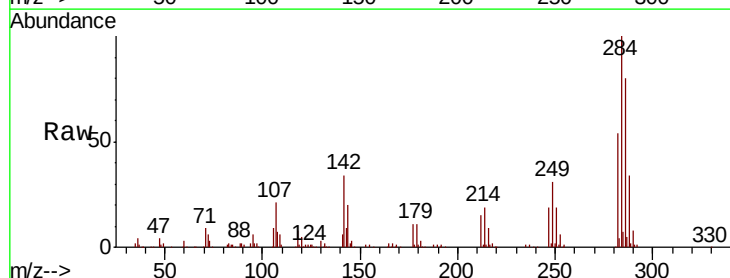
Instrument :
 BNA_F
 ClientSampled :

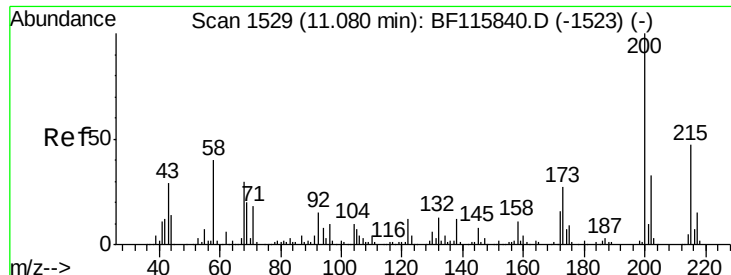
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.8	116.6
141	73.3	64.3	96.5



#68
 Hexachlorobenzene
 Concen: 42.432 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	28.2	42.2
249	30.6	24.0	36.0

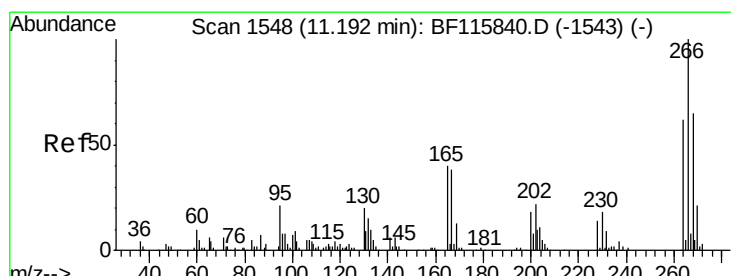
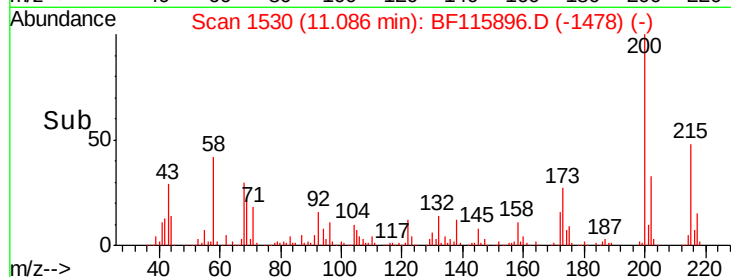
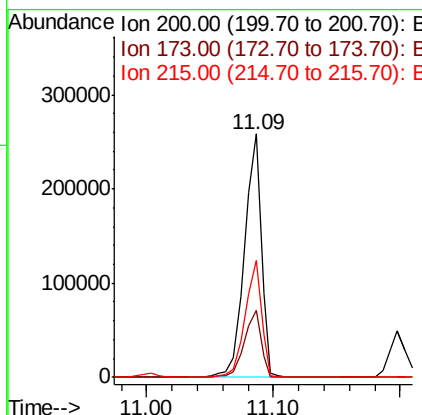
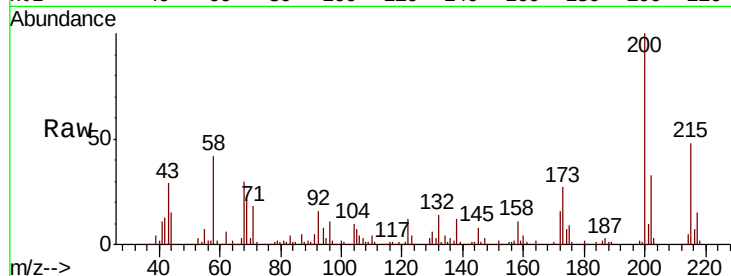




#69
 Atrazine
 Concen: 43.496 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

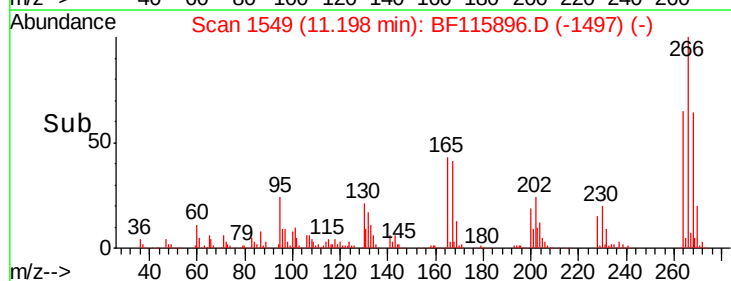
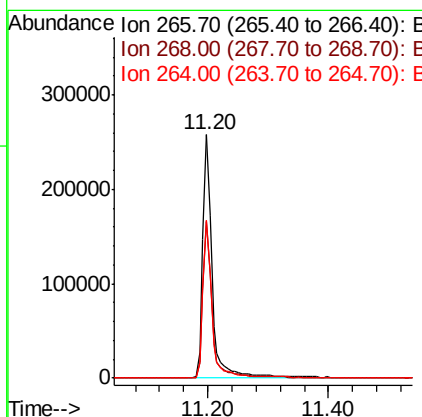
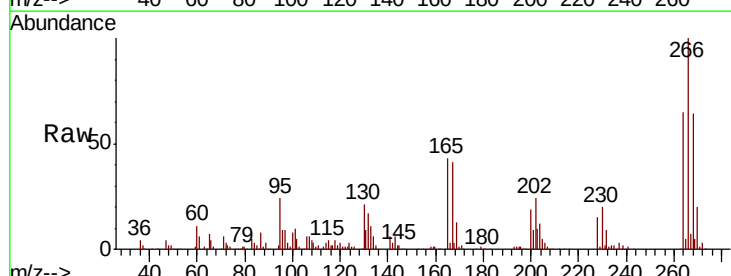
Instrument :
 BNA_F
 ClientSampleId :

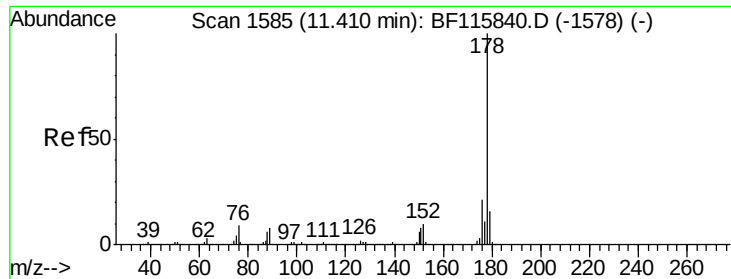
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.3	47.3
215	48.0	26.9	66.9



#70
 Pentachlorophenol
 Concen: 86.380 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.6	77.4
264	65.0	49.4	74.0

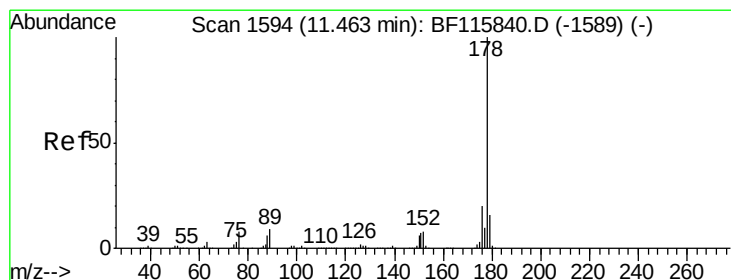
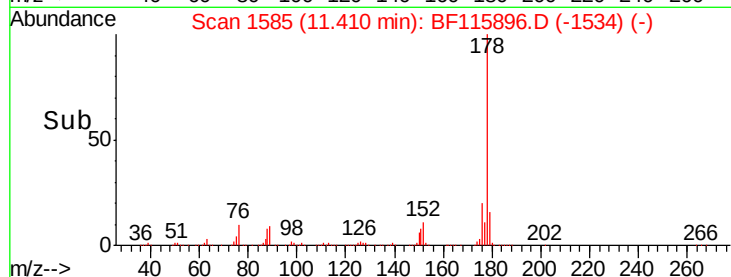
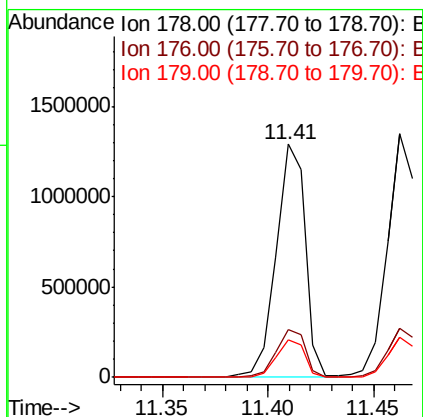
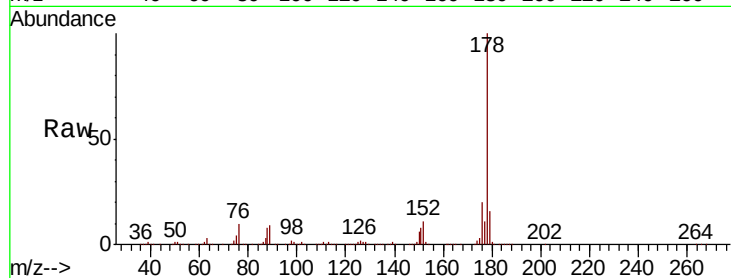




#71
 Phenanthrene
 Concen: 44.090 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

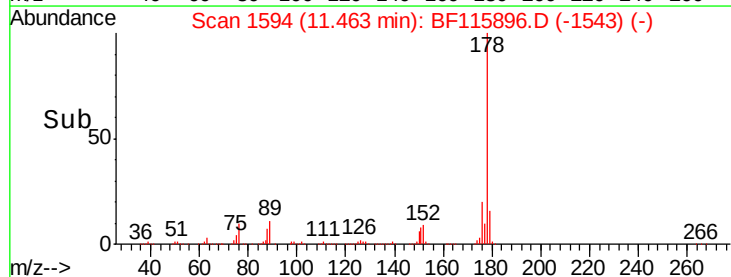
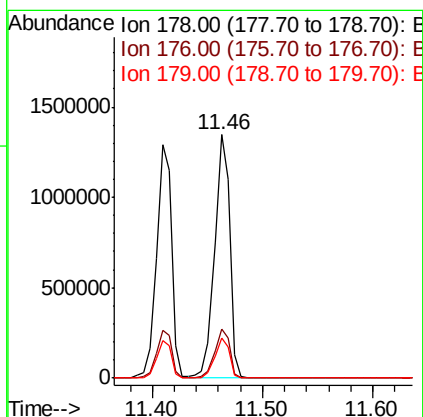
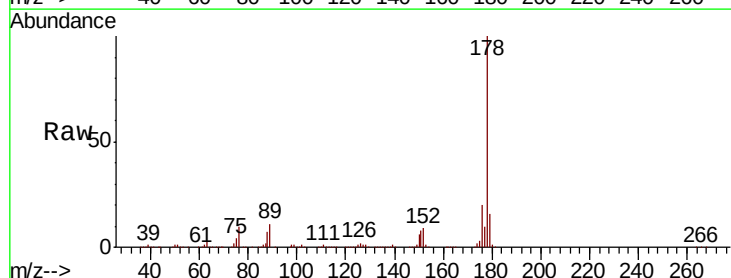
Instrument :
 BNA_F
 ClientSampleId :

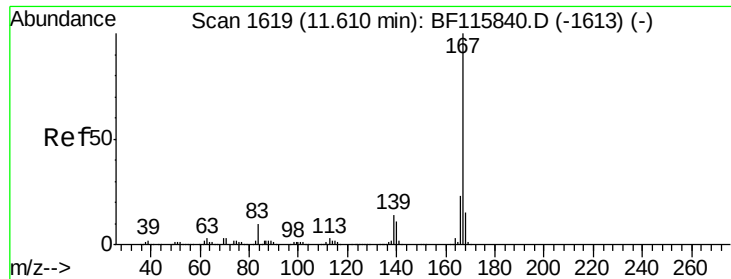
Tot Ion:178 Resp: 1240724
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.5 24.7
 179 16.0 12.6 18.8



#72
 Anthracene
 Concen: 44.655 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion:178 Resp: 1271758
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.7 23.5
 179 16.3 12.4 18.6

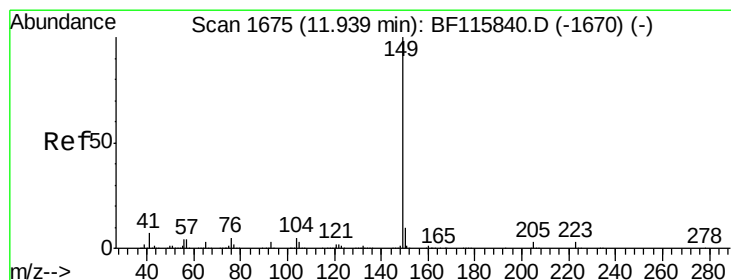
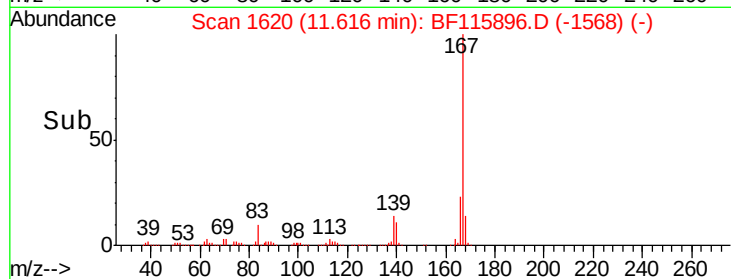
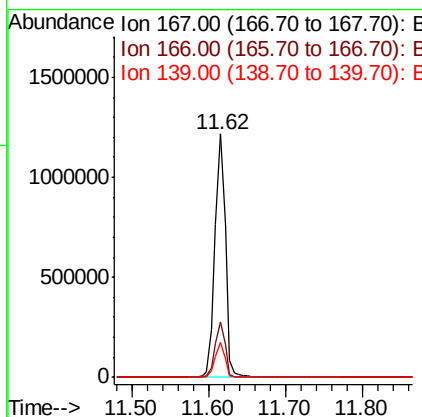
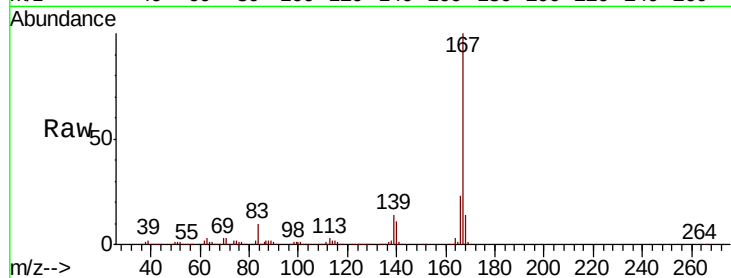




#73
 Carbazole
 Concen: 43.394 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

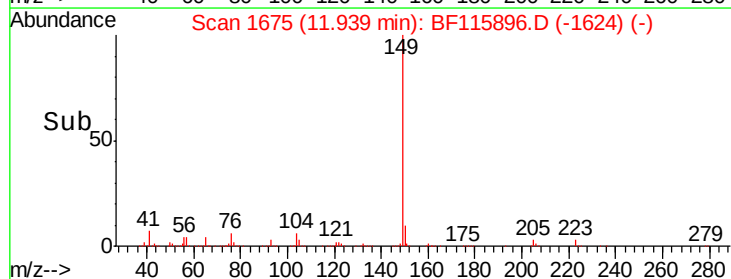
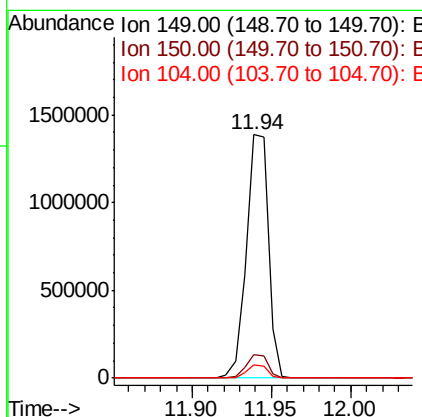
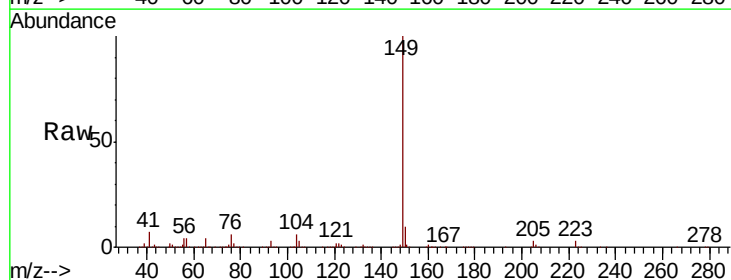
Instrument :
 BNA_F
 ClientSampleId :

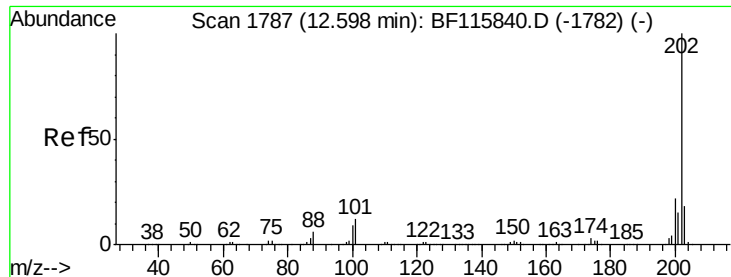
Tot Ion:167 Resp: 1121221
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 14.3 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 44.259 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion:149 Resp: 1334011
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 5.5 4.3 6.5

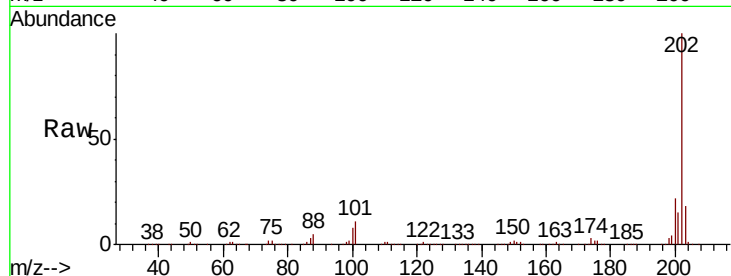




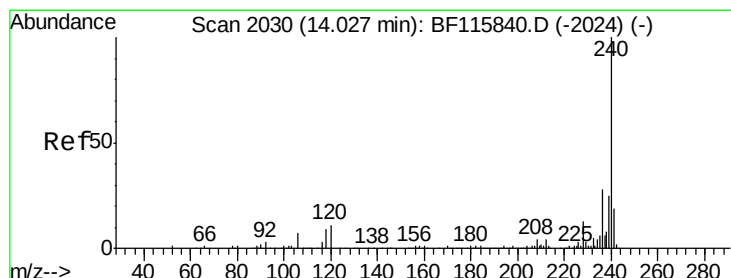
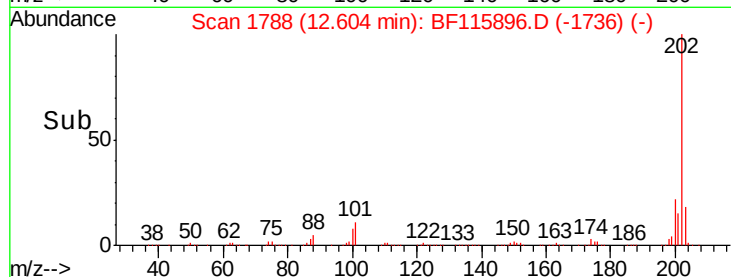
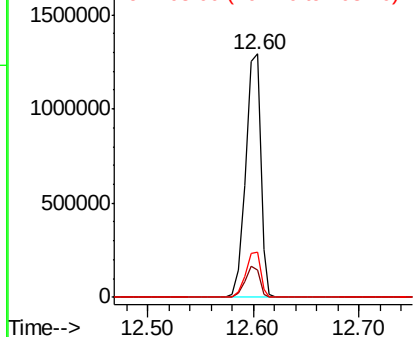
#75
 Fluoranthene
 Concen: 43.183 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. 0.01 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1272190
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 31.5
 203 18.4 0.0 37.9

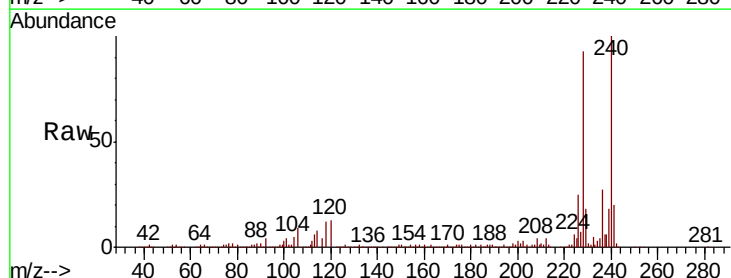


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

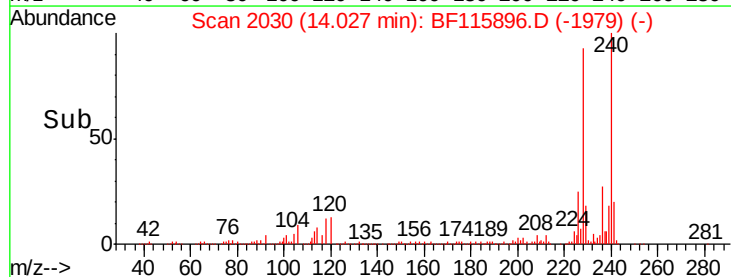
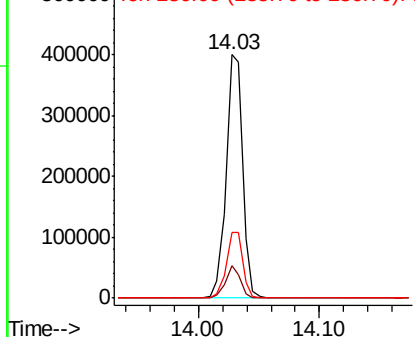


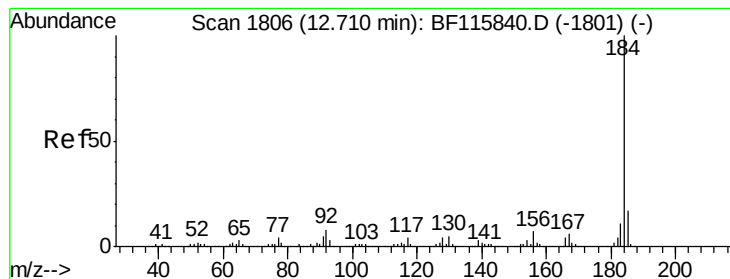
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion:240 Resp: 377514
 Ion Ratio Lower Upper
 240 100
 120 13.2 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: 40.301 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

ClientSampleId :

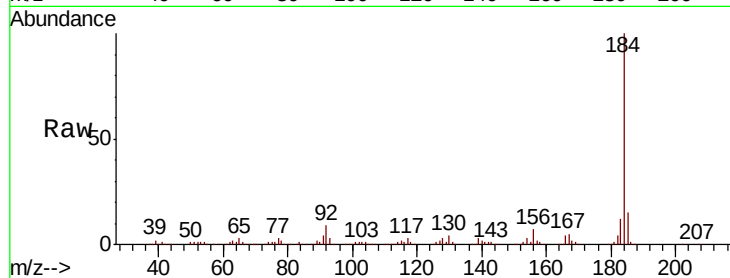
Tot Ion:184 Resp: 514004

Ion Ratio Lower Upper

184 100

185 15.2 13.4 20.2

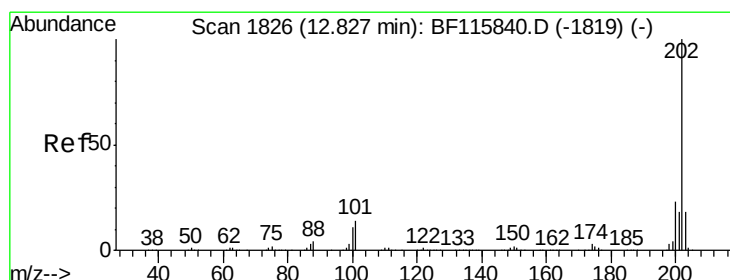
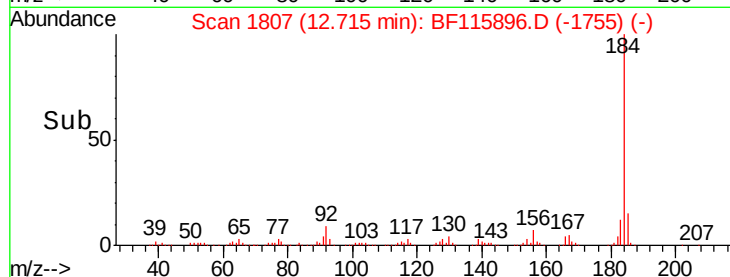
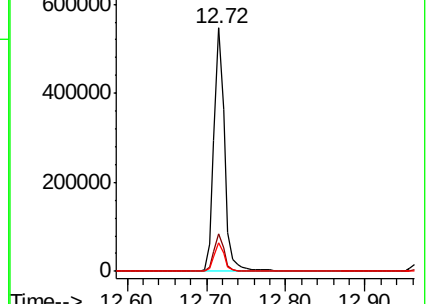
183 11.6 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.338 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

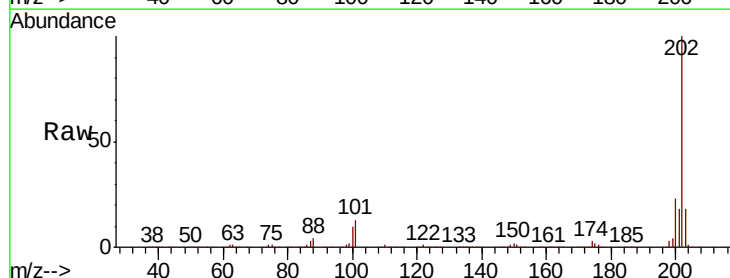
Tgt Ion:202 Resp: 1290219

Ion Ratio Lower Upper

202 100

200 22.7 18.2 27.2

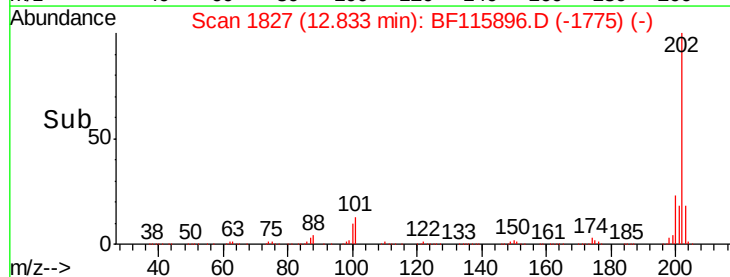
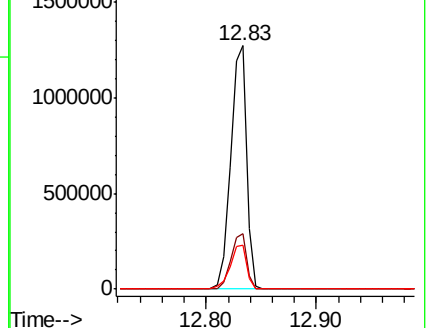
203 18.0 14.3 21.5

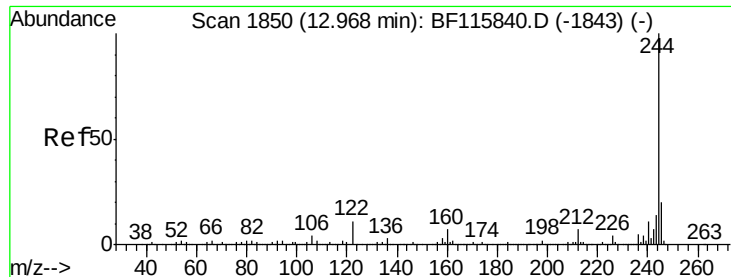


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



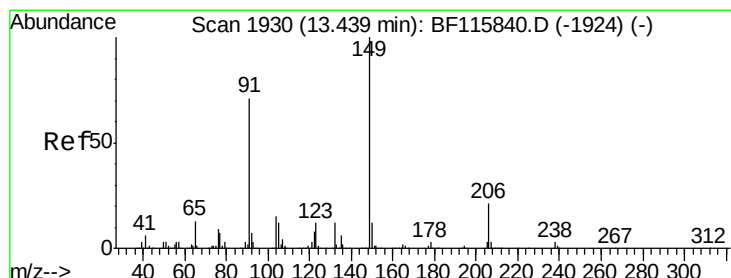
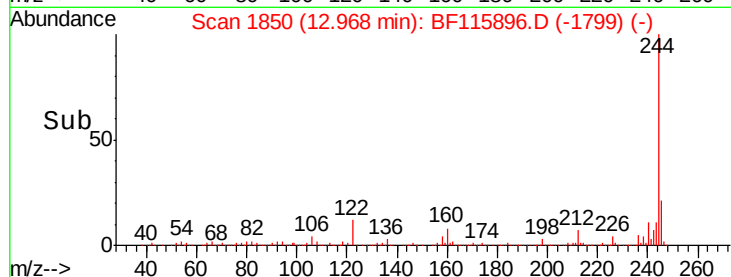
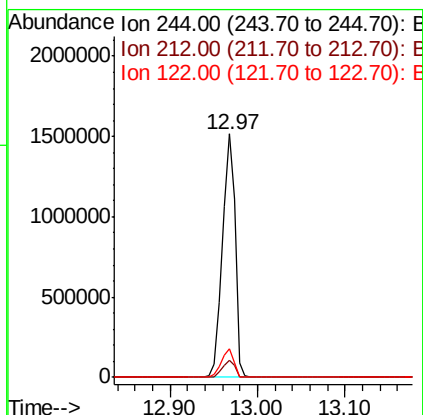
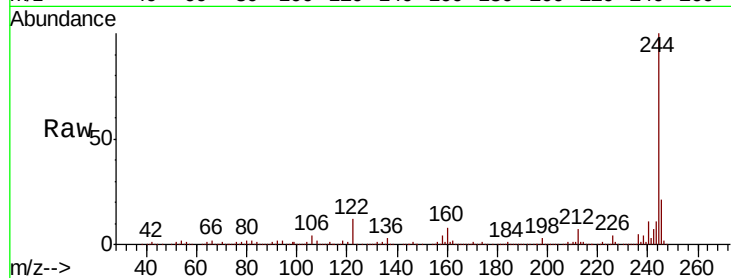


#79
 Terphenyl-d14
 Concen: 85.893 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1538836

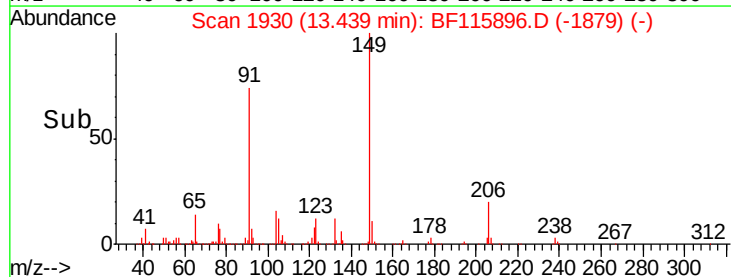
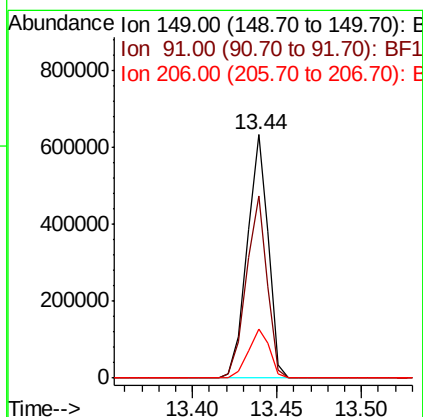
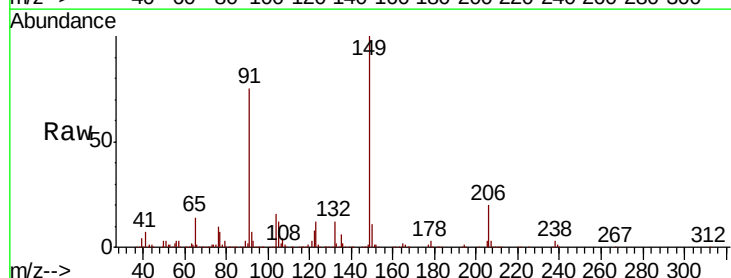
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.9	8.6	13.0

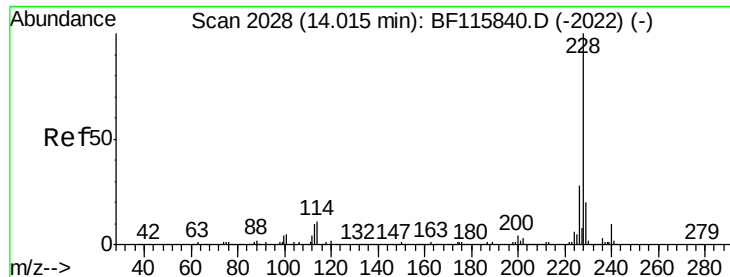


#80
 Butylbenzylphthalate
 Concen: 45.817 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: BF115896.D
 Acq: 1 Aug 2019 10:03

Tgt Ion:149 Resp: 551529

Ion	Ratio	Lower	Upper
149	100		
91	74.6	57.0	85.6
206	20.4	16.9	25.3





#81

Benzo(a)anthracene

Concen: 43.600 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

ClientSampleId :

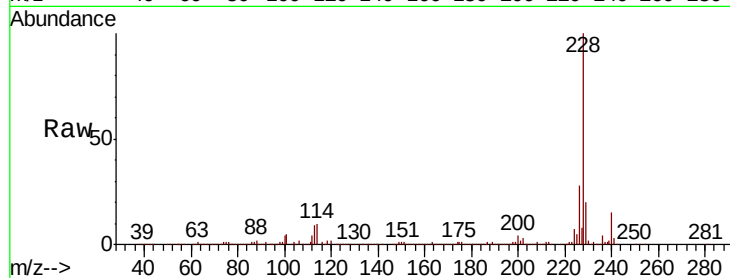
Tot Ion:228 Resp: 1052046

Ion Ratio Lower Upper

228 100

226 28.5 22.5 33.7

229 20.5 16.1 24.1

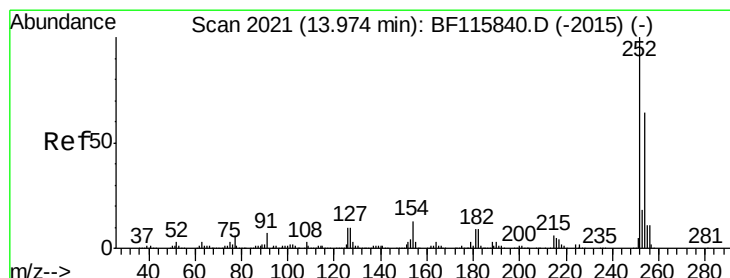
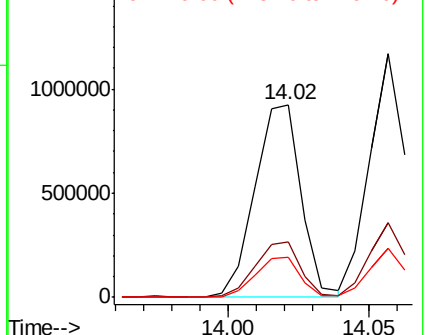
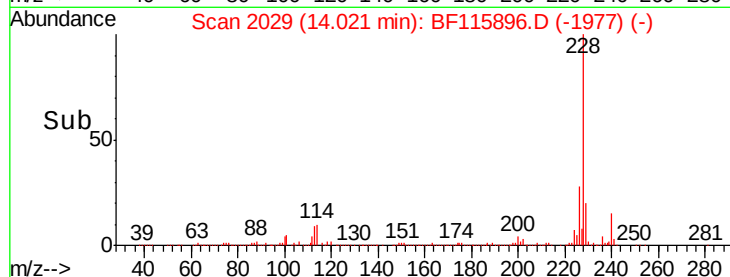


Abundance

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: 34.001 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

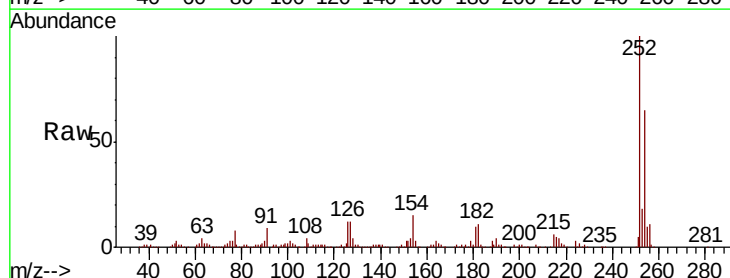
Tgt Ion:252 Resp: 285029

Ion Ratio Lower Upper

252 100

254 64.9 51.2 76.8

126 12.3 8.1 12.1#

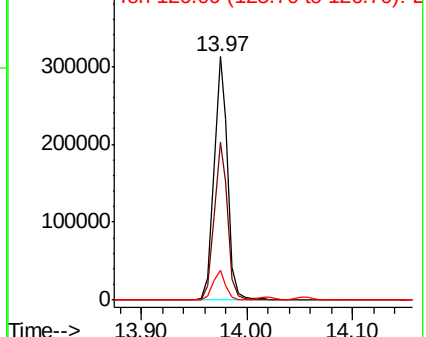
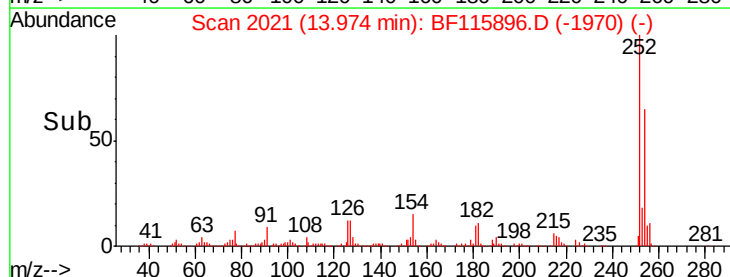


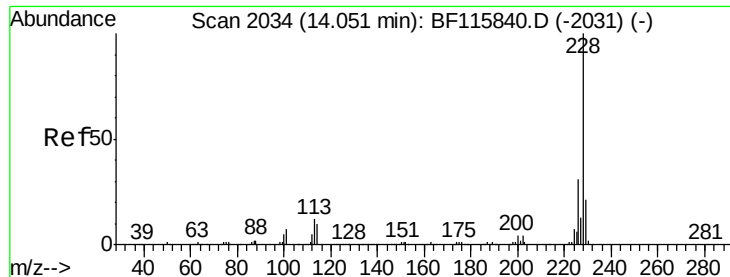
Abundance

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: 43.275 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

ClientSampleId :

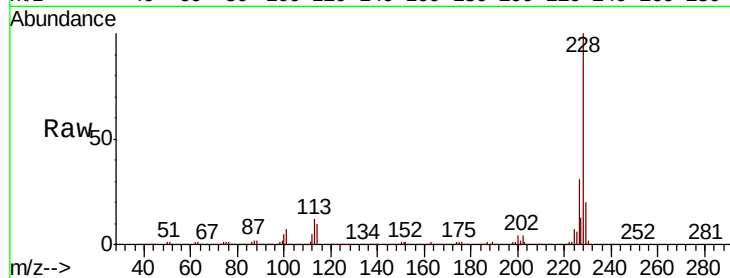
Tot Ion:228 Resp: 1013761

Ion Ratio Lower Upper

228 100

226 30.8 24.8 37.2

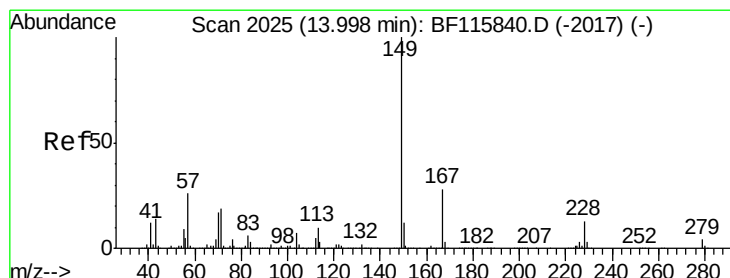
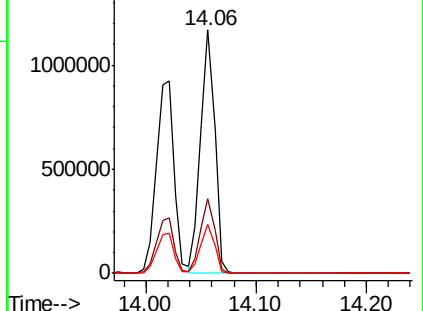
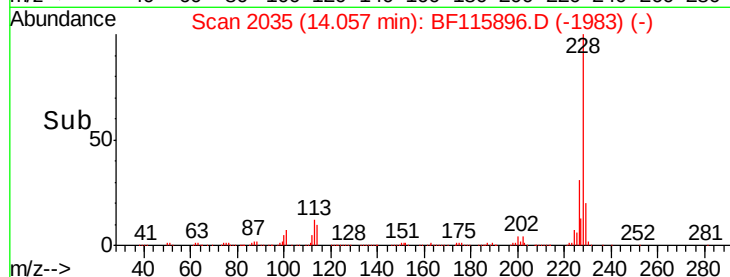
229 20.3 16.4 24.6



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: 46.622 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

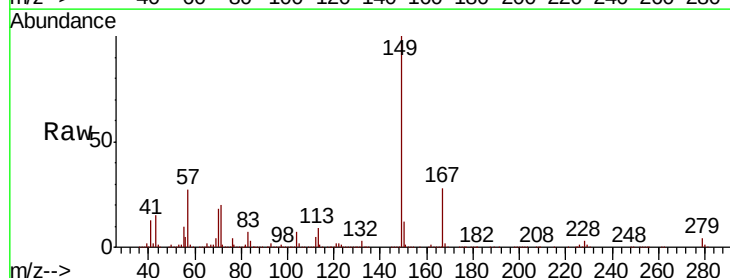
Tgt Ion:149 Resp: 729301

Ion Ratio Lower Upper

149 100

167 28.1 22.4 33.6

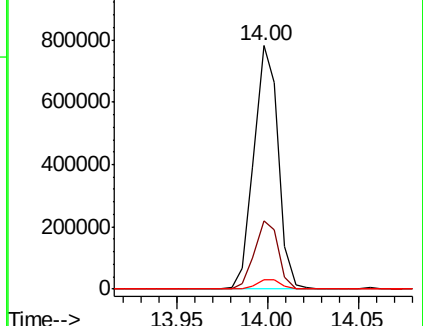
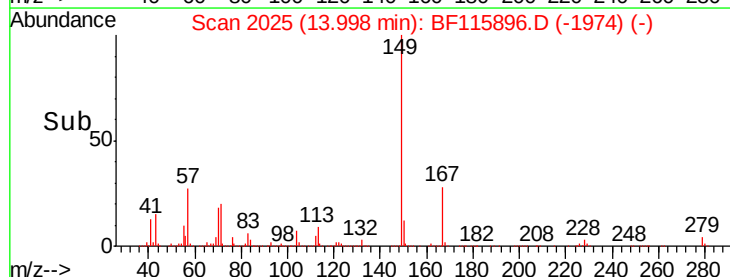
279 3.6 3.3 4.9

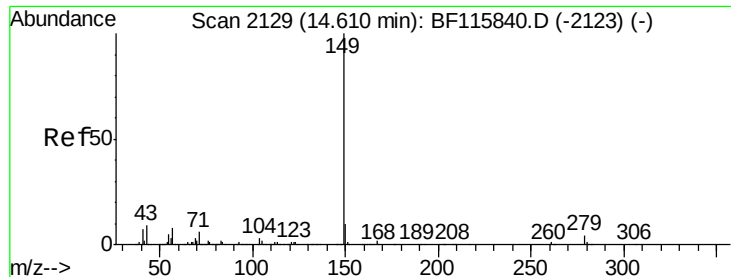


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.471 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

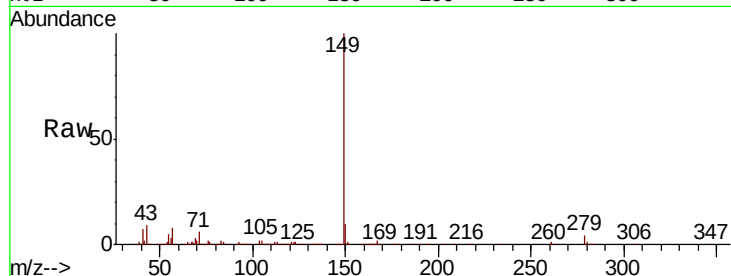
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1129800

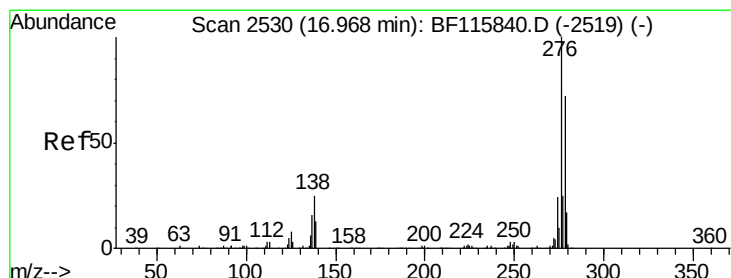
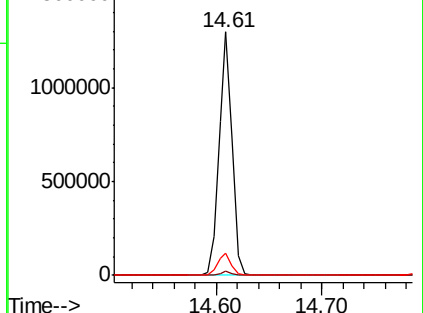
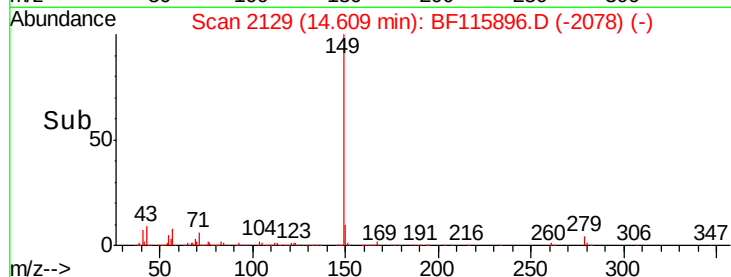
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.0	7.4	11.0



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: 41.547 ng

RT: 16.99 min Scan# 2533

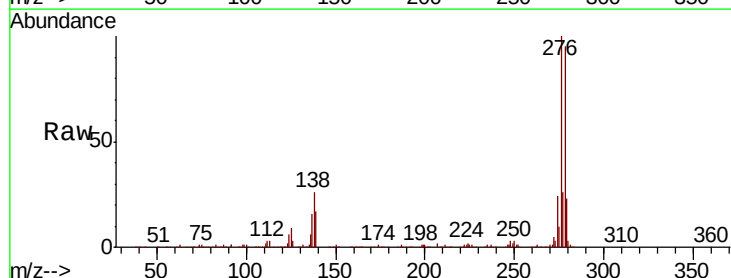
Delta R.T. 0.02 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Tgt Ion:276 Resp: 817444

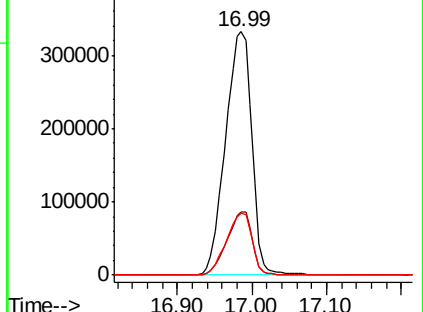
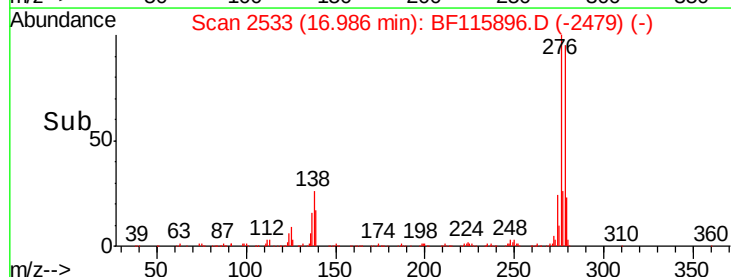
Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.6	29.4
277	25.0	20.1	30.1

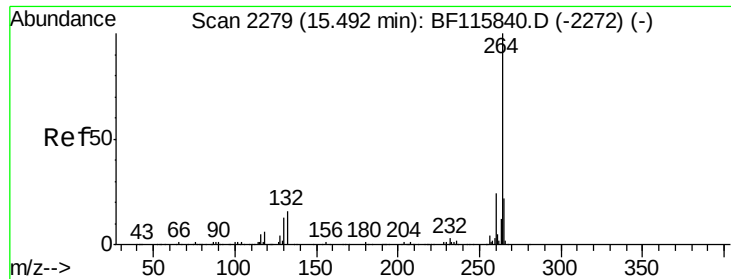


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

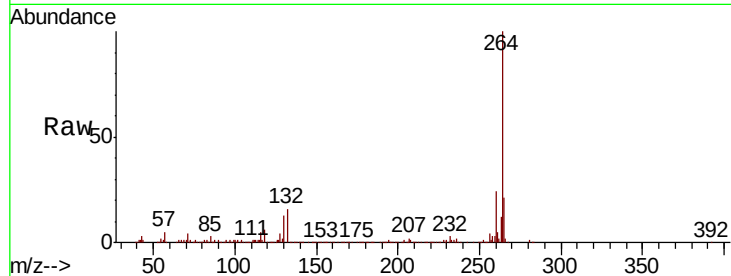




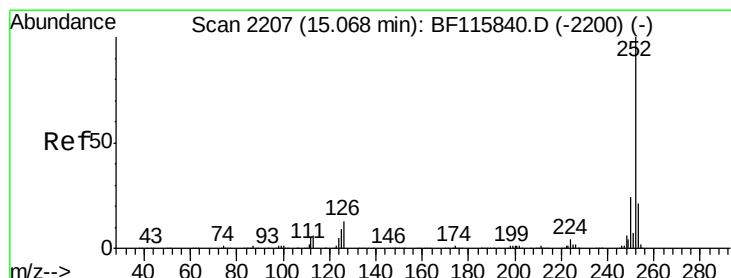
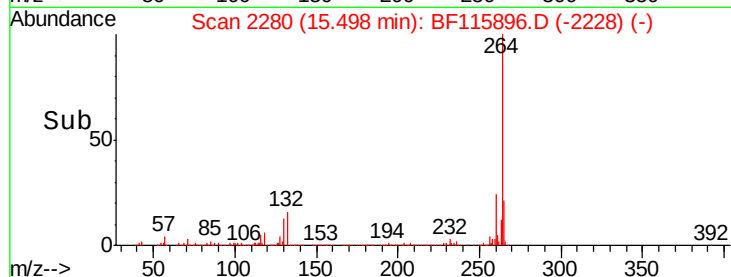
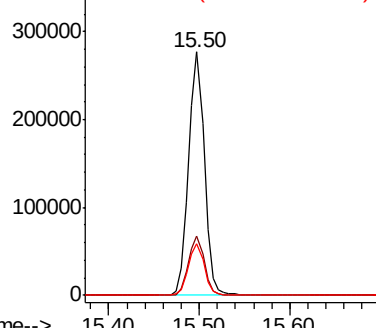
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.4	17.5	26.3

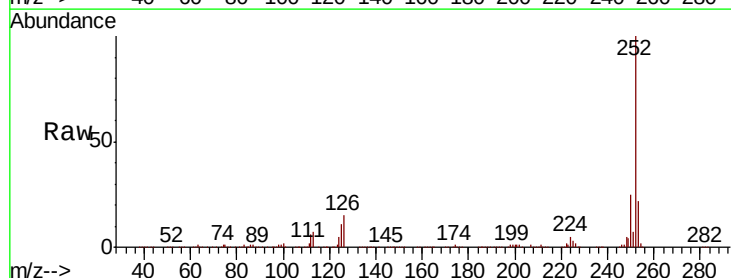


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

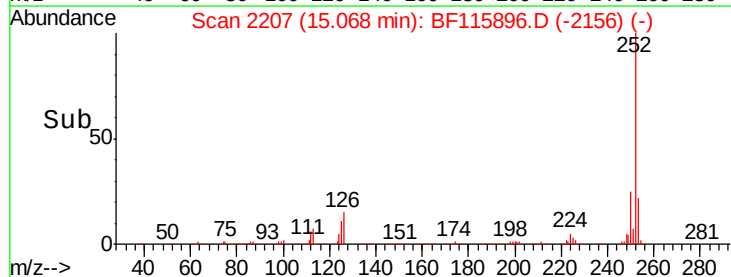
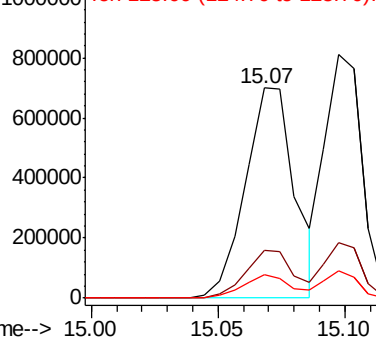


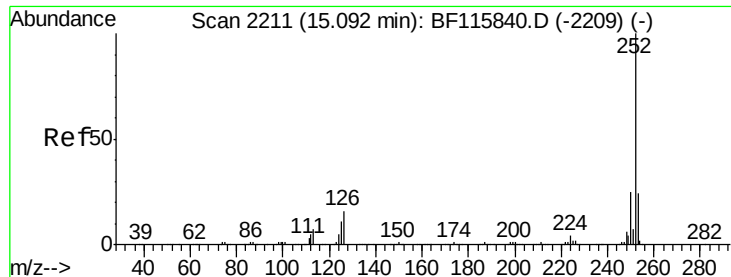
#88
Benzo(b)fluoranthene
Concen: 49.129 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.4	7.4	11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

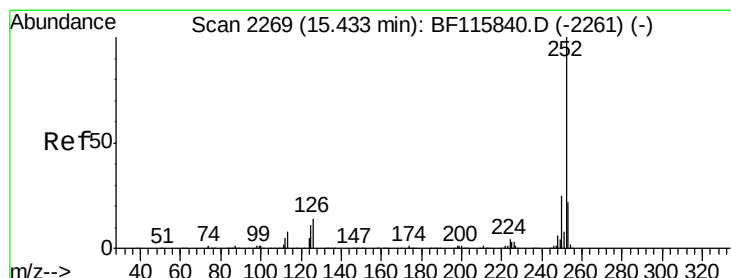
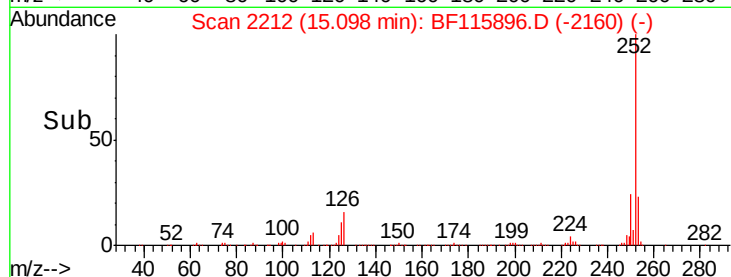
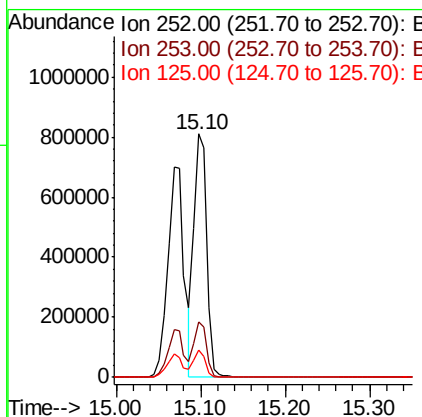
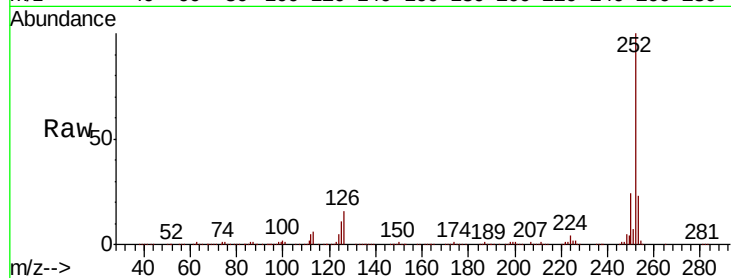




#89
Benzo(k)fluoranthene
Concen: 44.488 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

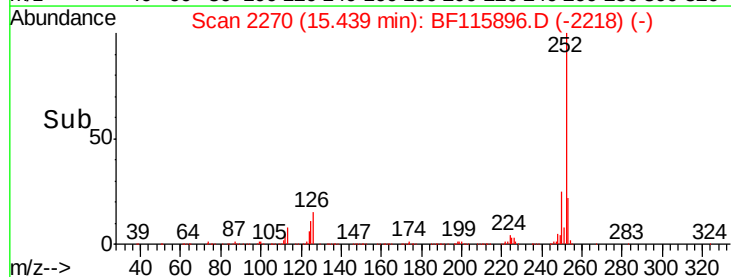
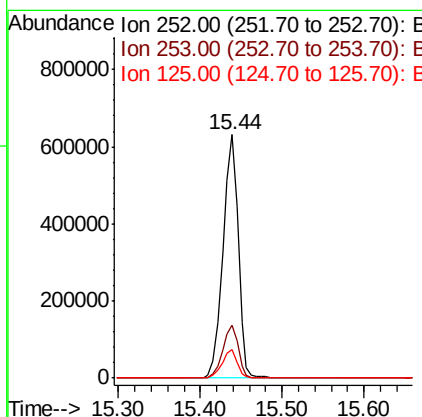
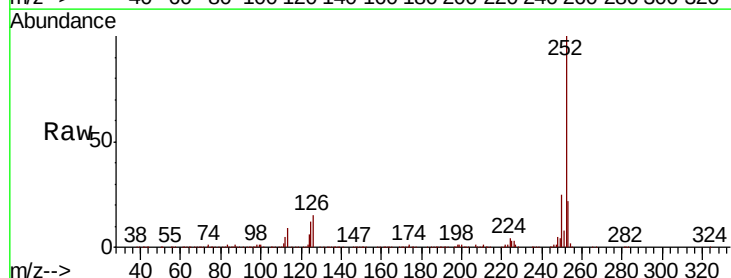
Instrument :
BNA_F
ClientSampled :

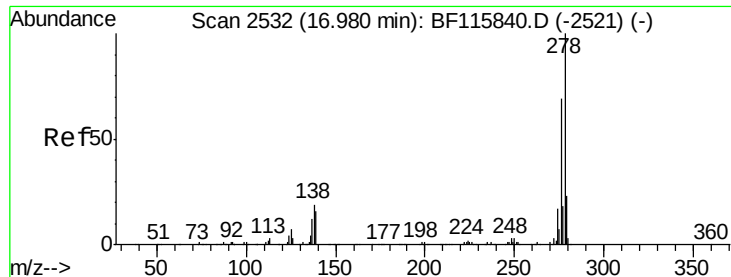
Tot Ion:252 Resp: 834268
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 11.0 8.9 13.3



#90
Benzo(a)pyrene
Concen: 47.713 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF115896.D
Acq: 1 Aug 2019 10:03

Tgt Ion:252 Resp: 821174
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 11.5 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 44.510 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

Instrument :

BNA_F

ClientSampled :

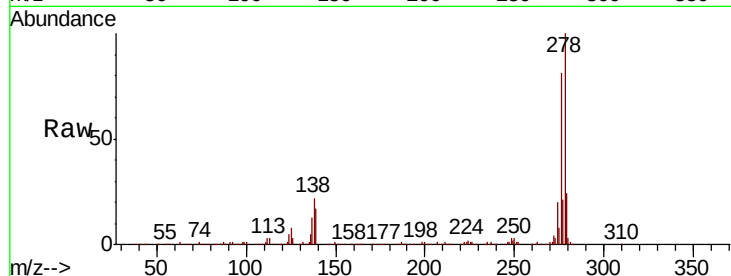
Tot Ion:278 Resp: 663095

Ion Ratio Lower Upper

278 100

139 16.8 12.6 19.0

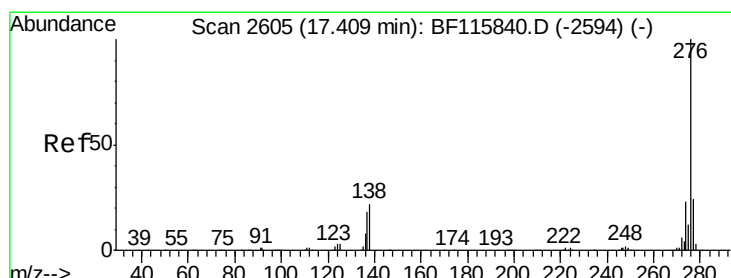
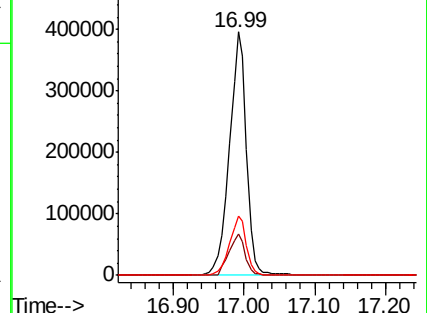
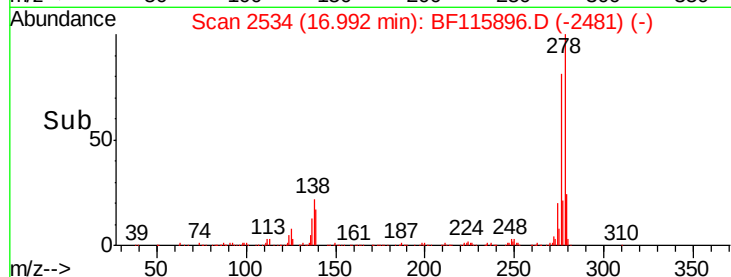
279 24.4 18.8 28.2



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: 46.882 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.02 min

Lab File: BF115896.D

Acq: 1 Aug 2019 10:03

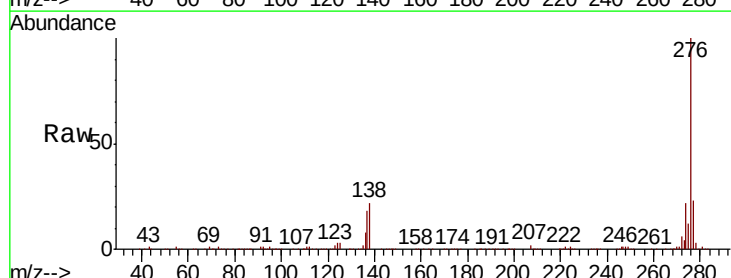
Tgt Ion:276 Resp: 685937

Ion Ratio Lower Upper

276 100

277 23.2 19.5 29.3

138 22.0 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

