

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115522.D
 Acq On : 12 Jul 2019 11:21
 Operator : HP/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 12:35:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 12:28:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	176404	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	723753	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	353100	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	660173	20.00	ng	0.00
76) Chrysene-d12	14.05	240	396844	20.00	ng	0.00
87) Perylene-d12	15.52	264	354506	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1232966	107.99	ng	0.00
7) Phenol-d6	6.52	99	1582538	108.98	ng	0.00
23) Nitrobenzene-d5	7.46	82	1471229	120.10	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	476211	121.98	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2390147	118.78	ng	0.00
79) Terphenyl-d14	13.00	244	2490280	128.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	313923	56.055	ng	100
3) Pyridine	3.46	79	875783	56.554	ng	99
4) n-Nitrosodimethylamine	3.42	42	314020	50.006	ng	98
6) Aniline	6.56	93	1127708	55.034	ng	100
8) 2-Chlorophenol	6.67	128	721066	55.930	ng	97
9) Benzaldehyde	6.43	77	421249	45.550	ng	99
10) Phenol	6.53	94	931615	53.622	ng	92
11) bis(2-Chloroethyl)ether	6.63	93	703620	54.592	ng	99
12) 1,3-Dichlorobenzene	6.83	146	799060	56.573	ng	97
13) 1,4-Dichlorobenzene	6.90	146	804615	56.871	ng	99
14) 1,2-Dichlorobenzene	7.06	146	730426	55.763	ng	98
15) Benzyl Alcohol	7.03	79	645918	55.433	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.16	45	934081	51.832	ng	99
17) 2-Methylphenol	7.14	107	628167	56.875	ng	99
18) Hexachloroethane	7.40	117	303275	57.542	ng	98
19) n-Nitroso-di-n-propylamine	7.31	70	519243	52.855	ng	99
20) 3+4-Methylphenols	7.29	107	699757	53.636	ng	92
22) Acetophenone	7.30	105	944912	54.485	ng	# 98
24) Nitrobenzene	7.47	77	801792	57.957	ng	99
25) Isophorone	7.72	82	1462939	55.098	ng	99
26) 2-Nitrophenol	7.79	139	418064	73.505	ng	96
27) 2,4-Dimethylphenol	7.82	122	619637	57.134	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	898726	54.891	ng	100
29) 2,4-Dichlorophenol	8.03	162	638763	59.134	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	715071	59.463	ng	99
31) Naphthalene	8.19	128	2026486	56.371	ng	99
32) Benzoic acid	7.97	122	542163	73.161	ng	97
33) 4-Chloroaniline	8.24	127	908985	56.672	ng	99
34) Hexachlorobutadiene	8.32	225	407159	59.703	ng	99
35) Caprolactam	8.63	113	204096	58.012	ng	95
36) 4-Chloro-3-methylphenol	8.72	107	661149	57.865	ng	99
37) 2-Methylnaphthalene	8.89	142	1346757	56.048	ng	98
38) 1-Methylnaphthalene	8.99	142	1272627	55.510	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	621723	61.204	ng	99

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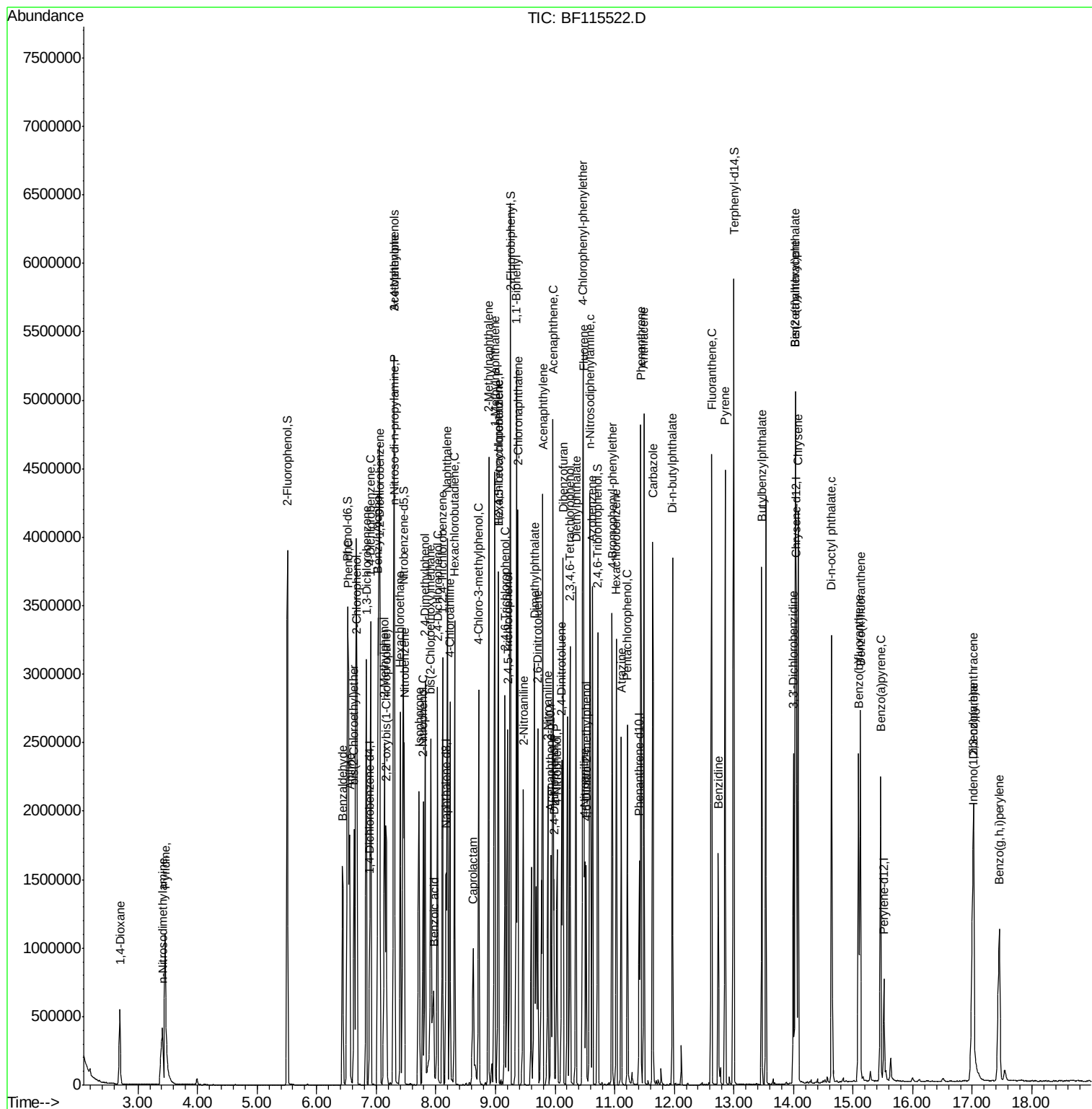
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	362533	61.575	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	450578	60.927	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	477422	62.257	ng	97
46) 1,1'-Biphenyl	9.35	154	1588649	57.230	ng	99
47) 2-Chloronaphthalene	9.37	162	1339377	58.380	ng	99
48) 2-Nitroaniline	9.47	65	428092	63.511	ng	93
49) Acenaphthylene	9.79	152	1967035	56.629	ng	99
50) Dimethylphthalate	9.66	163	1534359	57.895	ng	100
51) 2,6-Dinitrotoluene	9.71	165	360876	62.785	ng	95
52) Acenaphthene	9.96	154	1276469	58.390	ng	99
53) 3-Nitroaniline	9.88	138	406633	60.911	ng	98
54) 2,4-Dinitrophenol	9.98	184	202406	100.637	ng	93
55) Dibenzofuran	10.13	168	1750901	56.857	ng	98
56) 4-Nitrophenol	10.03	139	315692	61.122	ng	99
57) 2,4-Dinitrotoluene	10.12	165	471361	64.528	ng	95
58) Fluorene	10.48	166	1246317	51.341	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	389778	58.838	ng	100
60) Diethylphthalate	10.35	149	1449415	55.562	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	656093	55.375	ng	96
62) 4-Nitroaniline	10.50	138	395212	60.312	ng	98
63) Azobenzene	10.63	77	1403383	52.189	ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	258069	89.981	ng	95
66) n-Nitrosodiphenylamine	10.59	169	1195686	57.482	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	441658	59.622	ng	97
68) Hexachlorobenzene	11.03	284	506410	60.923	ng	98
69) Atrazine	11.11	200	353817	54.963	ng	99
70) Pentachlorophenol	11.22	266	314184	62.021	ng	99
71) Phenanthrene	11.44	178	1949286	56.143	ng	100
72) Anthracene	11.49	178	1944212	55.842	ng	99
73) Carbazole	11.64	167	1770230	55.577	ng	99
74) Di-n-butylphthalate	11.97	149	2077921	53.980	ng	99
75) Fluoranthene	12.63	202	1961416	53.653	ng	98
77) Benzidine	12.74	184	642097	41.491	ng	99
78) Pyrene	12.86	202	1968415	63.784	ng	99
80) Butylbenzylphthalate	13.47	149	855871	63.475	ng	99
81) Benzo(a)anthracene	14.04	228	1515575	59.604	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	541666	58.708	ng	99
83) Chrysene	14.08	228	1533462	58.695	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	1023721	61.307	ng	99
85) Di-n-octyl phthalate	14.64	149	1654631	55.662	ng	100
86) Indeno(1,2,3-cd)pyrene	17.00	276	1281617	56.682	ng	100
88) Benzo(b)fluoranthene	15.09	252	1426182	61.789	ng	99
89) Benzo(k)fluoranthene	15.12	252	1149545	56.001	ng	99
90) Benzo(a)pyrene	15.46	252	1170436	58.792	ng	99
91) Dibenzo(a,h)anthracene	17.03	278	1040155	61.143	ng	99
92) Benzo(g,h,i)perylene	17.46	276	1040114	64.595	ng	98

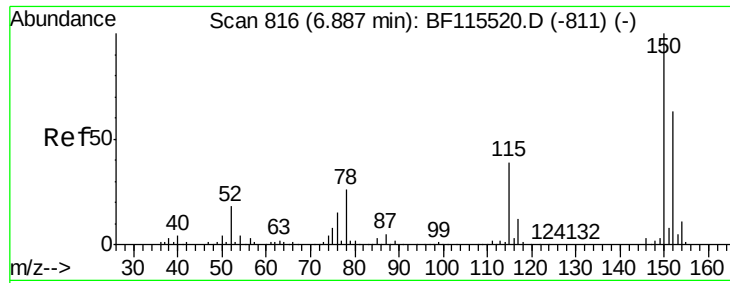
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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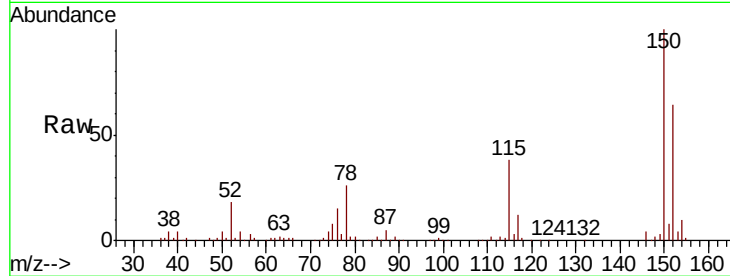


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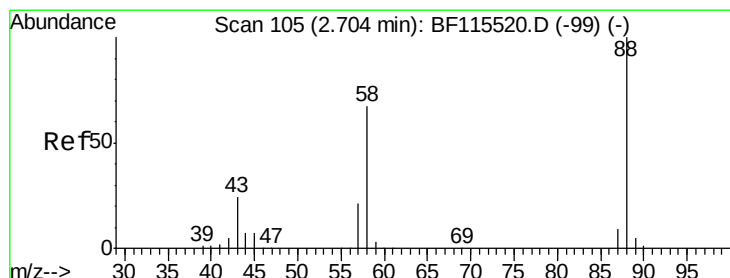
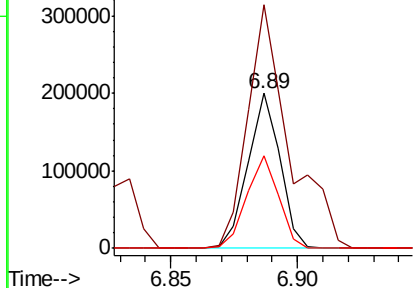
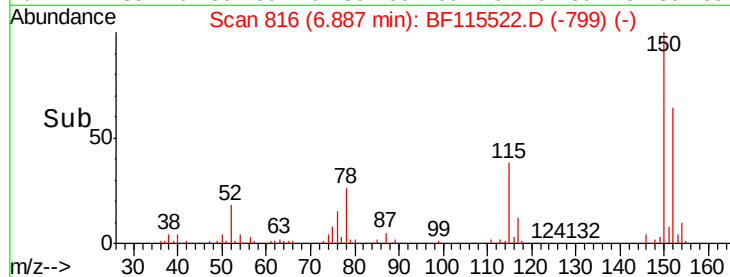
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 176404
 Ion Ratio Lower Upper
 152 100
 150 157.1 126.4 189.6
 115 60.2 49.6 74.4



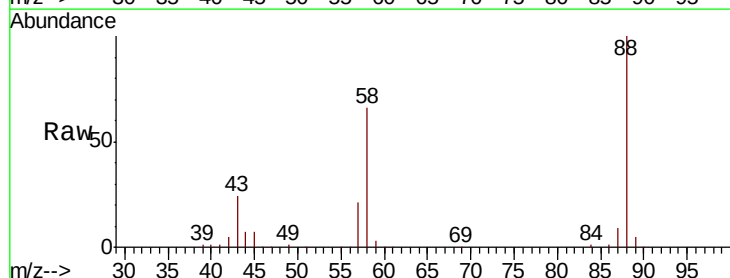
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



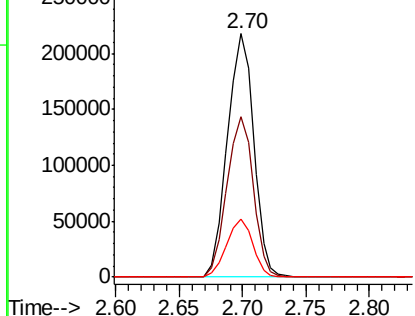
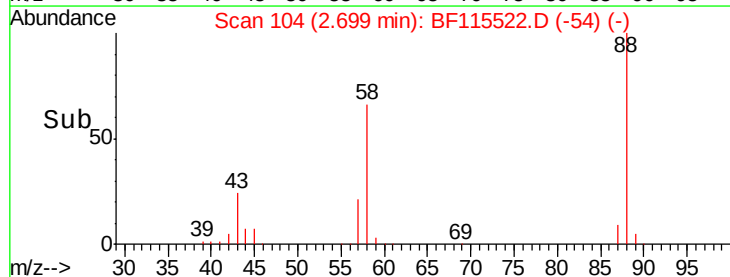
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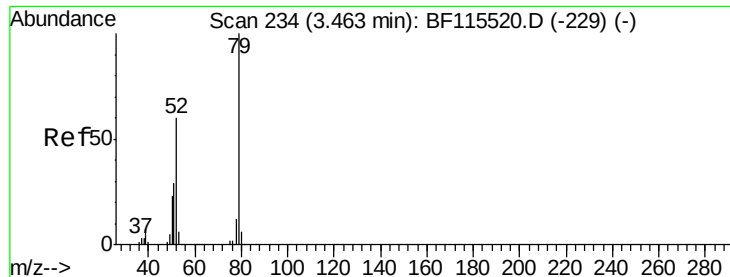
1,4-Dioxane
 Concen: 56.055 ng
 RT: 2.70 min Scan# 104
 Delta R.T. -0.01 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

Tgt Ion: 88 Resp: 313923
 Ion Ratio Lower Upper
 88 100
 58 65.7 52.2 78.4
 43 23.7 19.0 28.4



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: 56.554 ng

RT: 3.46 min Scan# 233

Delta R.T. -0.01 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

Instrument :

BNA_F

ClientSampleId :

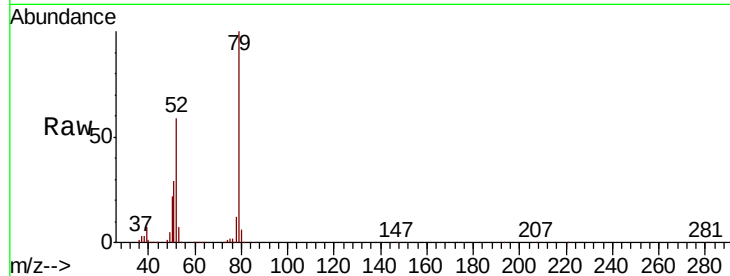
Tot Ion: 79 Resp: 875783

Ion Ratio Lower Upper

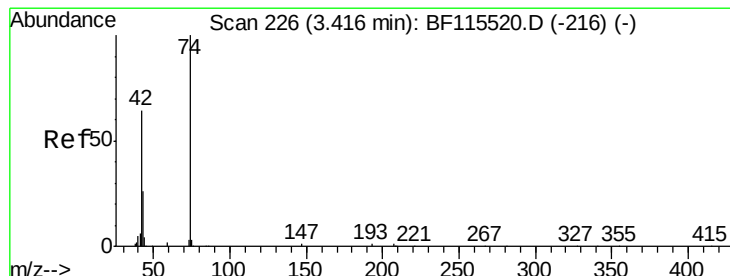
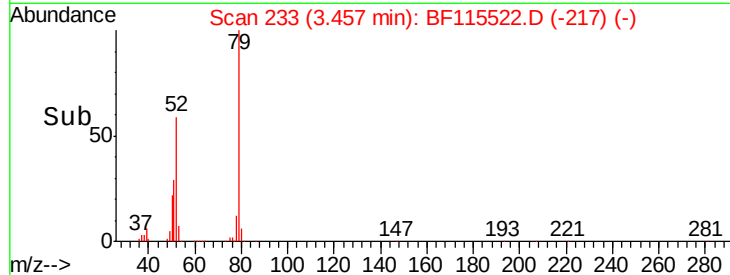
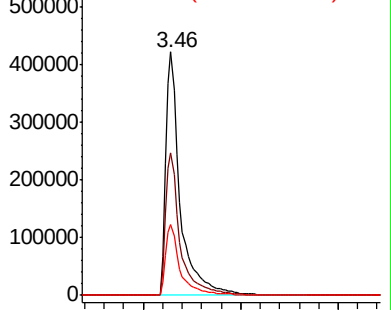
79 100

52 58.5 47.6 71.4

51 29.0 23.4 35.0



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



#4

n-Nitrosodimethylamine

Concen: 50.006 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

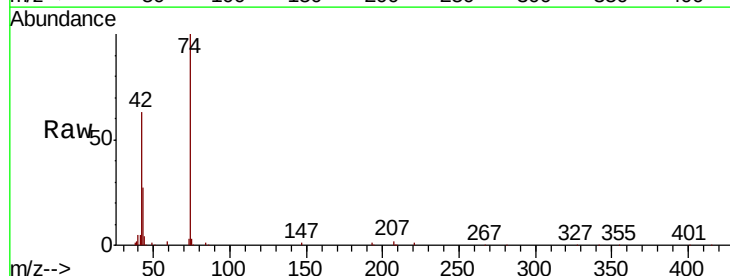
Tgt Ion: 42 Resp: 314020

Ion Ratio Lower Upper

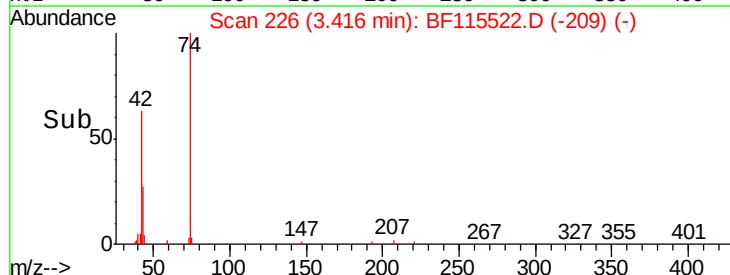
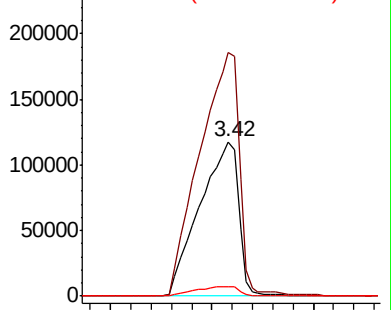
42 100

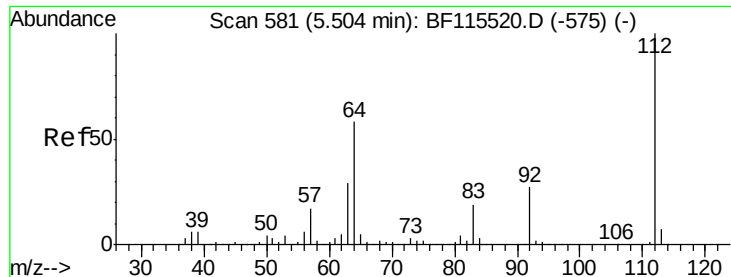
74 158.1 124.8 187.2

44 6.2 5.6 8.4



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





#5

2-Fluorophenol

Concen: 107.989 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

Instrument :
BNA_F
ClientSampleId :

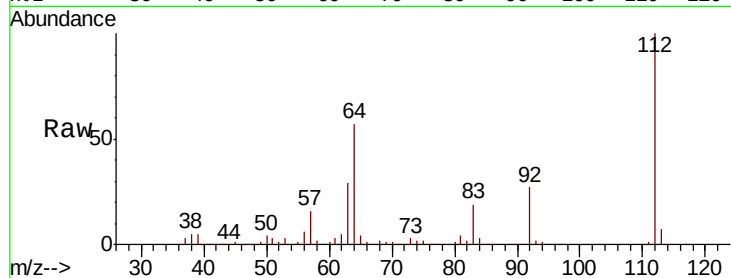
Tot Ion: 112 Resp: 1232966

Ion Ratio Lower Upper

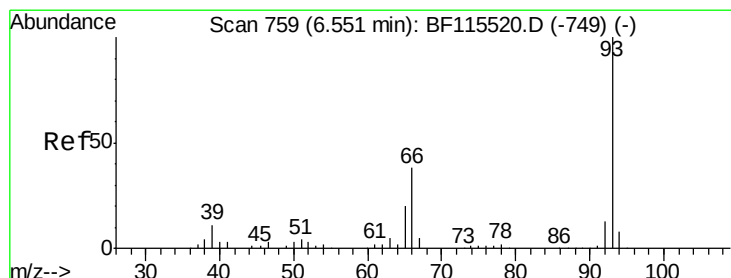
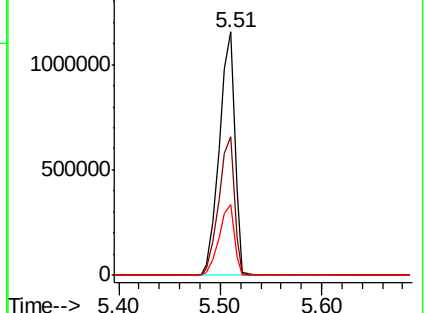
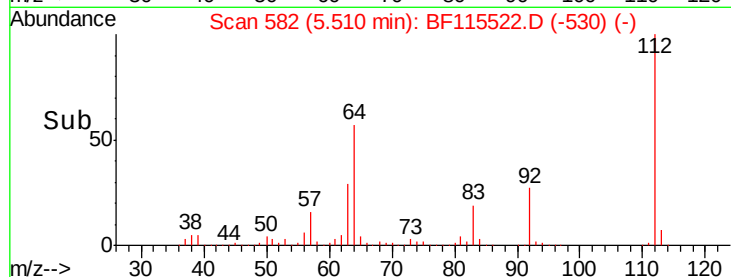
112 100

64 56.9 46.2 69.4

63 28.9 23.4 35.2



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: 55.034 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

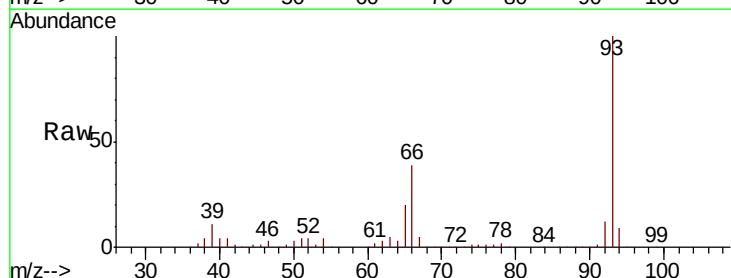
Tgt Ion: 93 Resp: 1127708

Ion Ratio Lower Upper

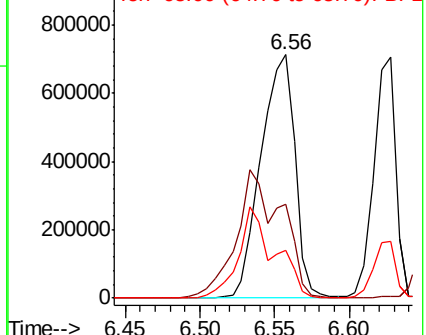
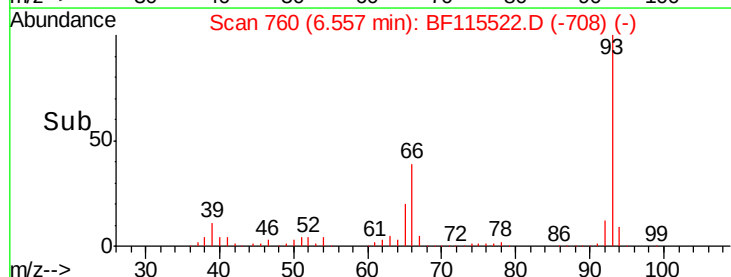
93 100

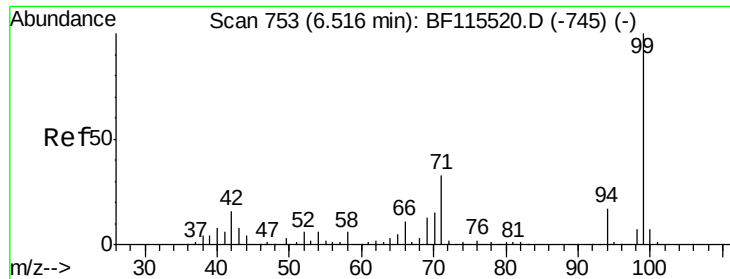
66 38.6 31.2 46.8

65 19.8 15.8 23.8



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: 108.985 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

Instrument :

BNA_F

ClientSampled :

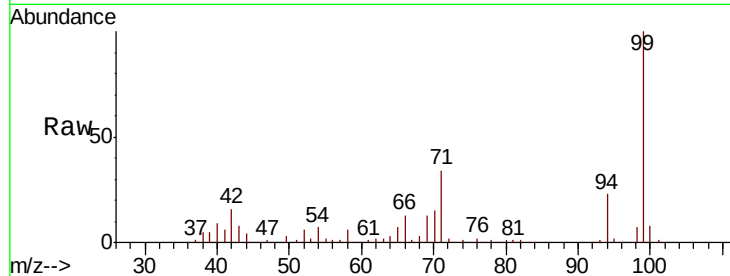
Tot Ion: 99 Resp: 1582538

Ion Ratio Lower Upper

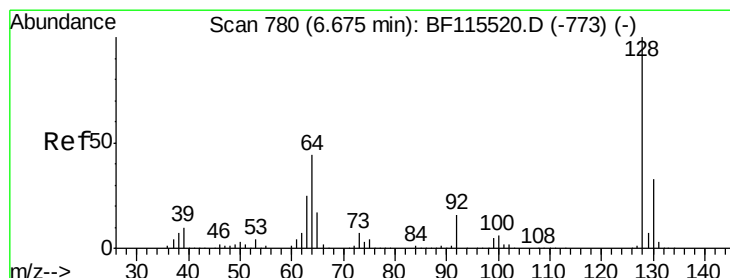
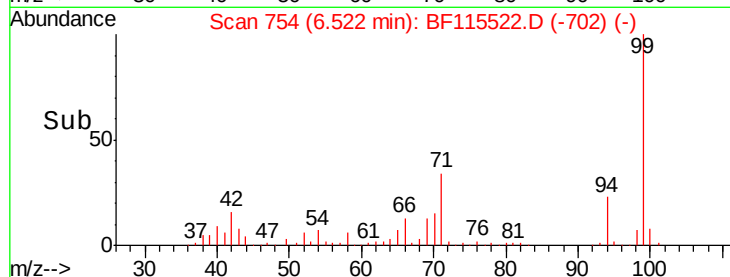
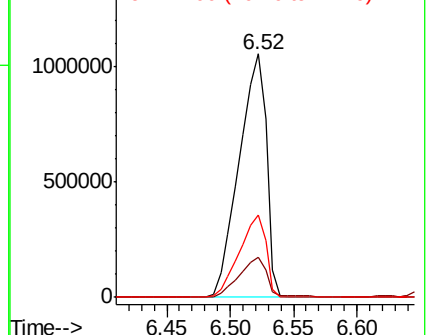
99 100

42 16.4 12.6 18.8

71 33.7 26.6 39.8



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: 55.930 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

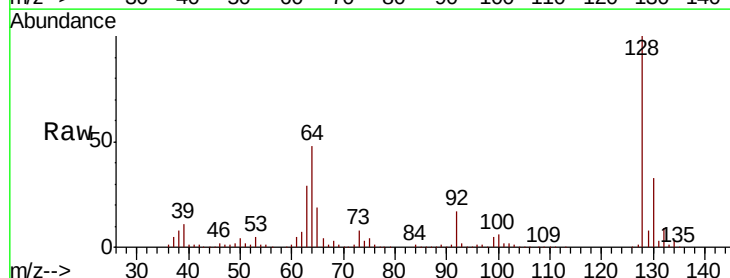
Tgt Ion:128 Resp: 721066

Ion Ratio Lower Upper

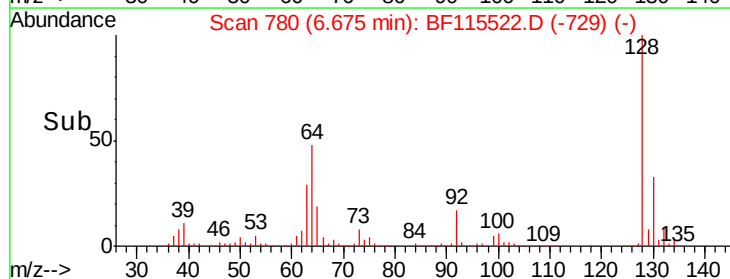
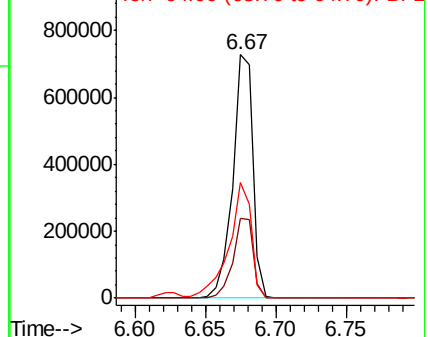
128 100

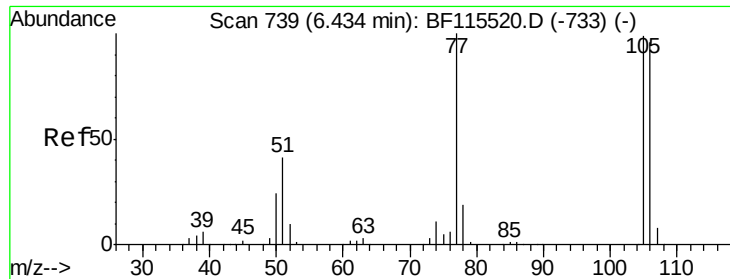
130 32.9 12.8 52.8

64 47.7 23.9 63.9



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

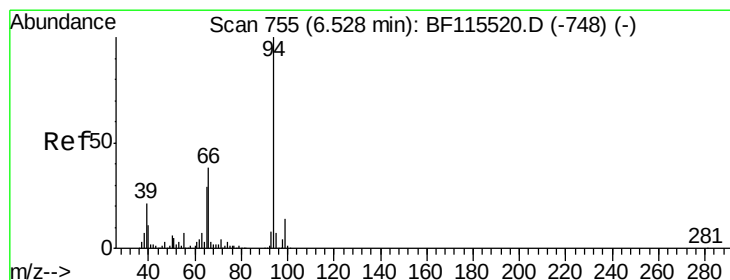
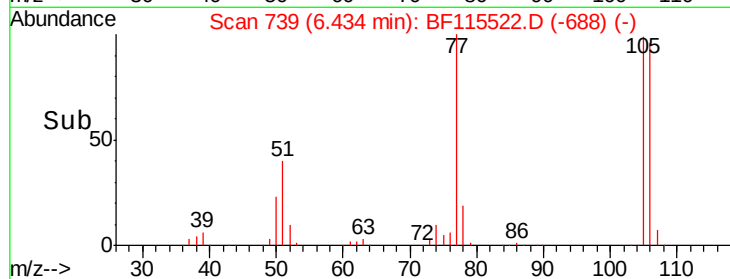
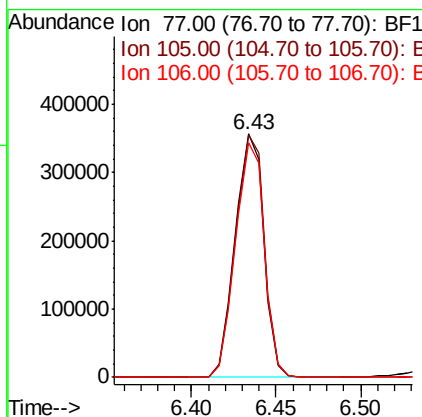
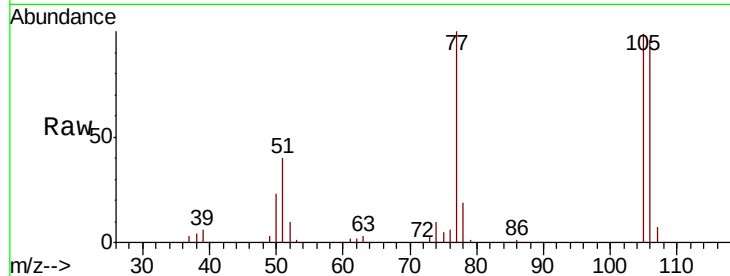




#9
Benzaldehyde
Concen: 45.550 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
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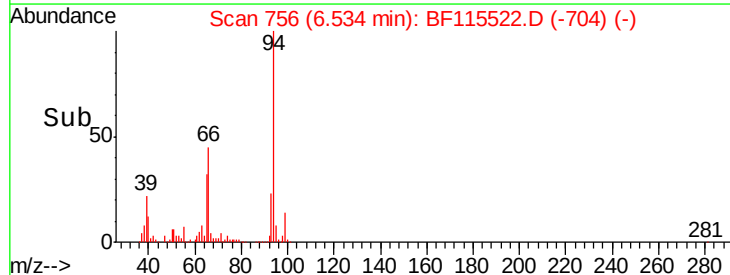
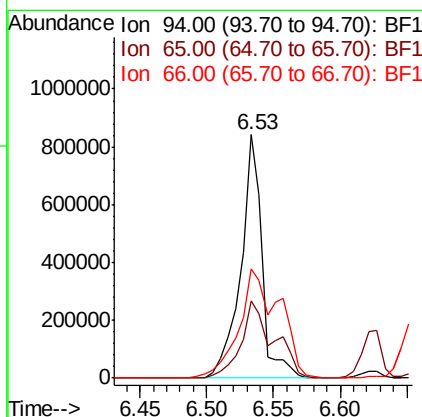
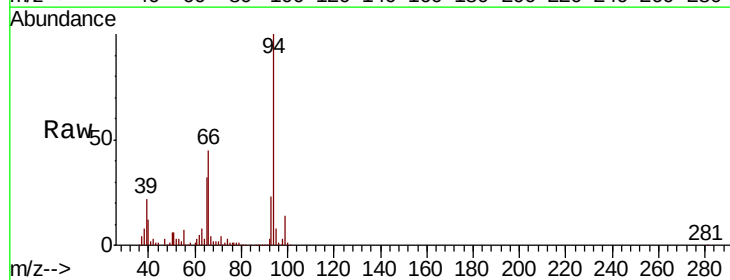
Instrument :
BNA_F
ClientSampleId :

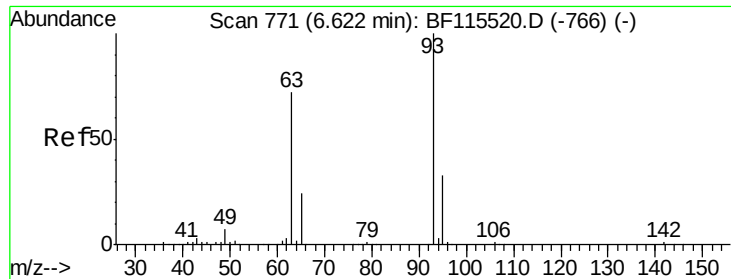
Tot Ion	Ratio	Lower	Upper
77	100		
105	99.4	78.8	118.8
106	96.1	75.6	115.6



#10
Phenol
Concen: 53.622 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.6	8.6	48.6
66	44.9	18.7	58.7

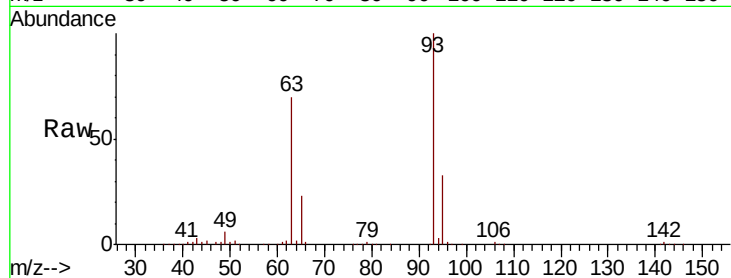




#11
bis(2-Chloroethyl)ether
Concen: 54.592 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.4	52.0	92.0
95	33.4	13.1	53.1

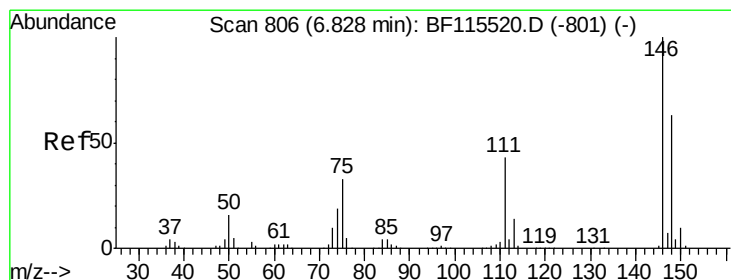
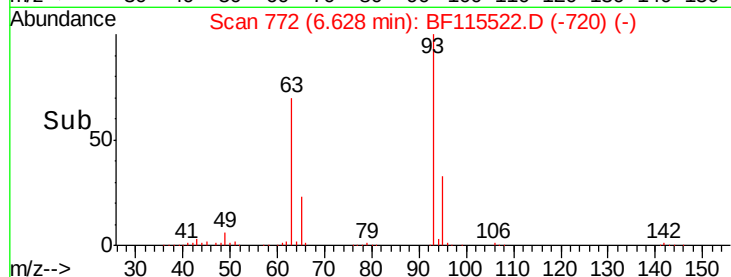
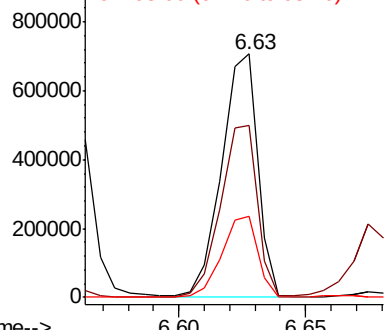


Abundance

Ion 93.00 (92.70 to 93.70): BF1

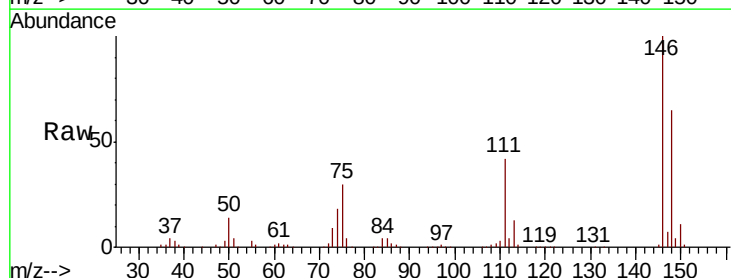
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 56.573 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.01 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.6	76.0
75	29.8	26.1	39.1

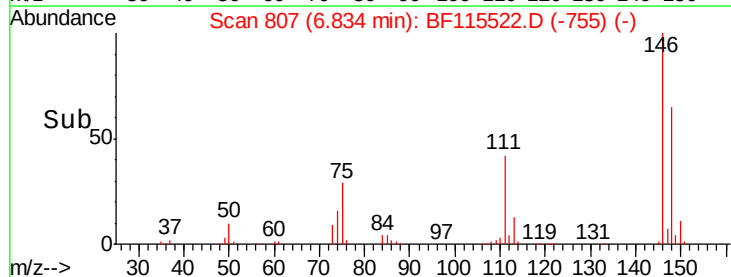
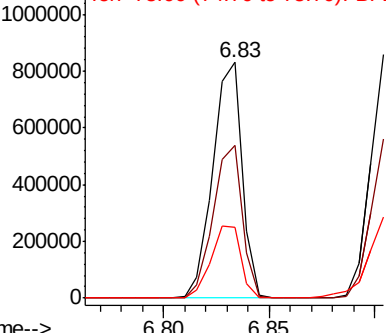


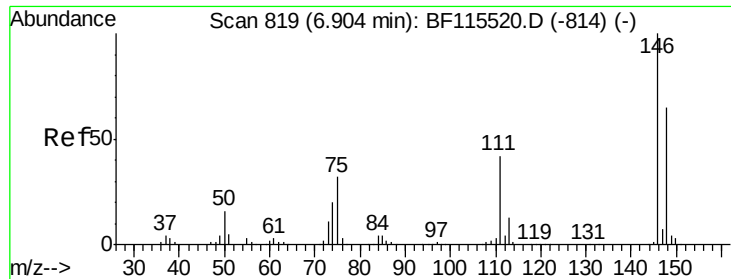
Abundance

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

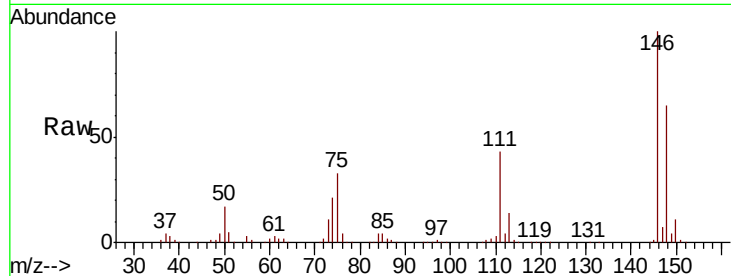




#13
 1,4-Dichlorobenzene
 Concen: 56.871 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.8
111	43.3	33.6	50.4

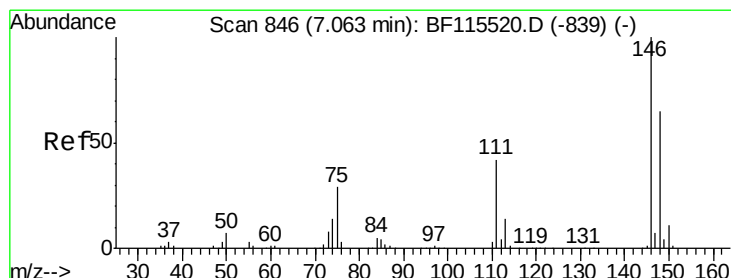
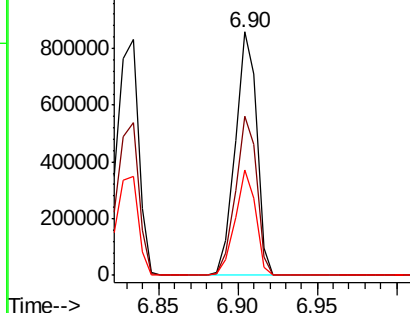
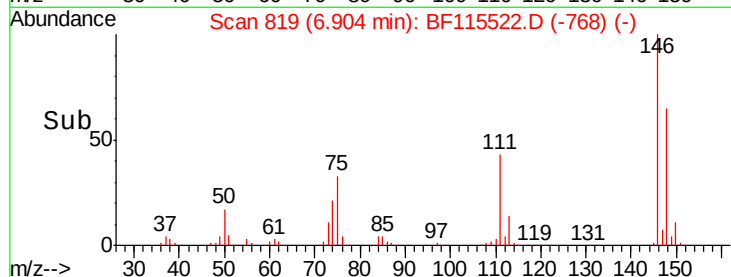


Abundance

Ion 146.00 (145.70 to 146.70): E

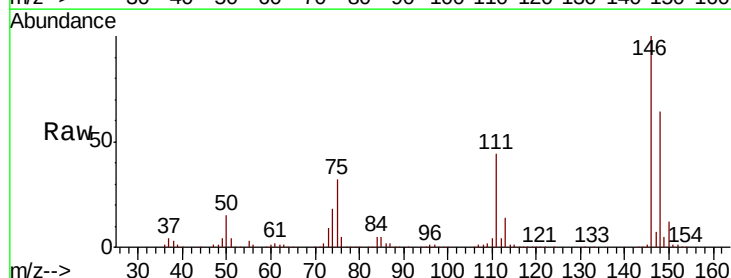
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 55.763 ng
 RT: 7.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.1	78.1
111	44.1	33.8	50.8

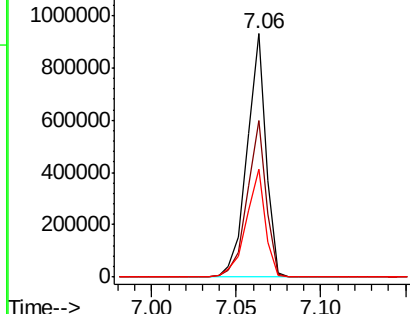
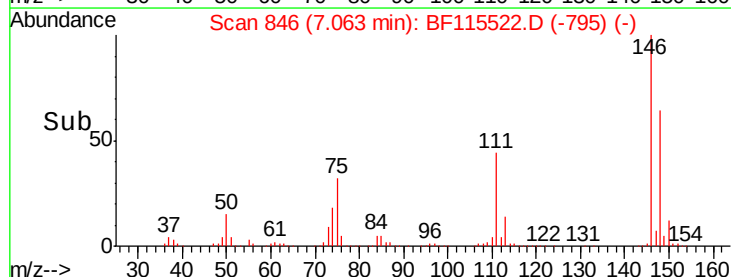


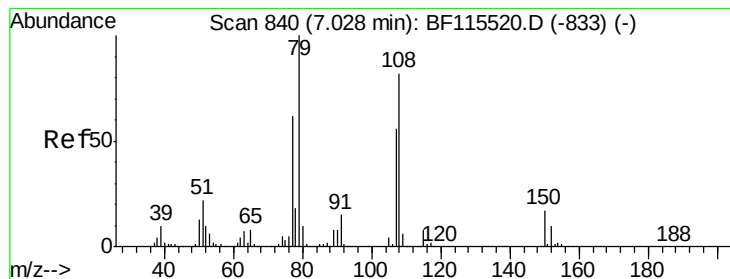
Abundance

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





#15

Benzyl Alcohol

Concen: 55.433 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

Instrument :

BNA_F

ClientSampleId :

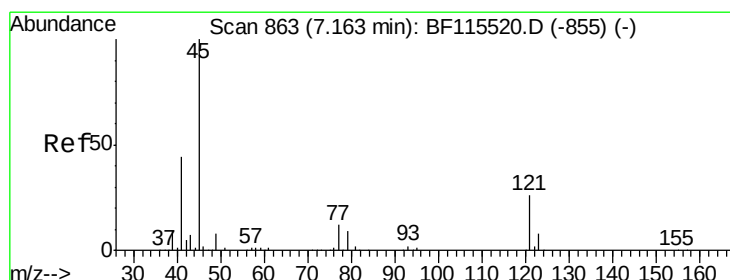
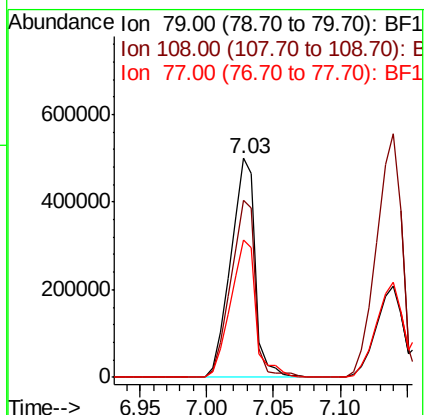
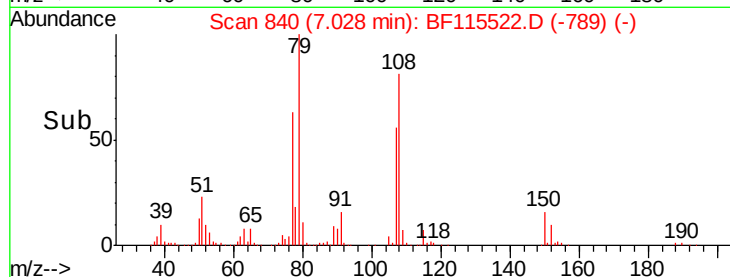
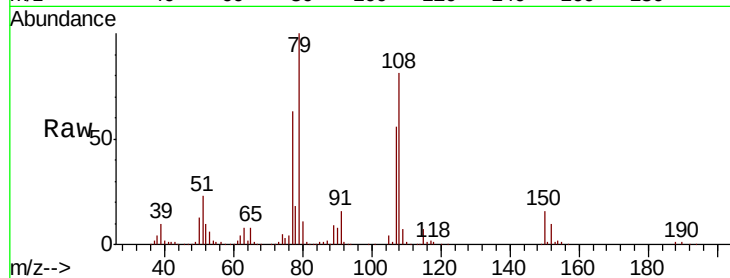
Tot Ion: 79 Resp: 645918

Ion Ratio Lower Upper

79 100

108 80.9 65.3 97.9

77 62.5 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 51.832 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

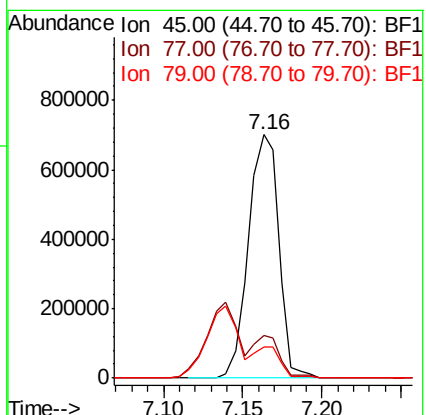
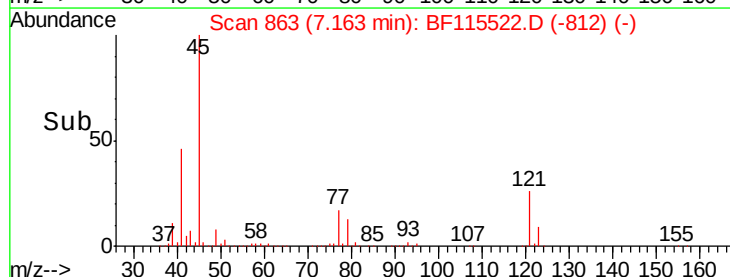
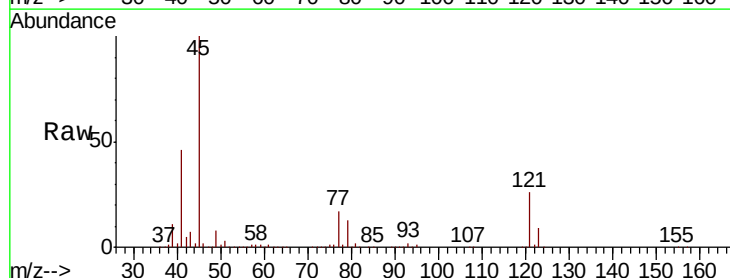
Tgt Ion: 45 Resp: 934081

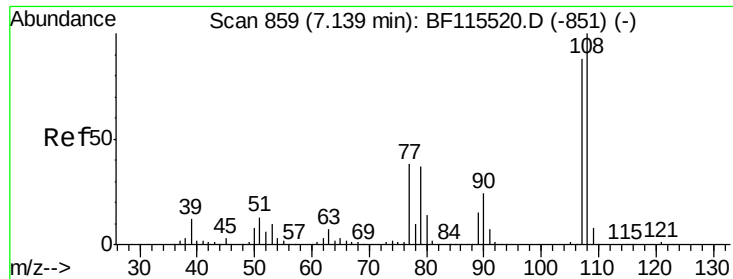
Ion Ratio Lower Upper

45 100

77 17.4 0.0 36.7

79 12.7 0.0 32.8

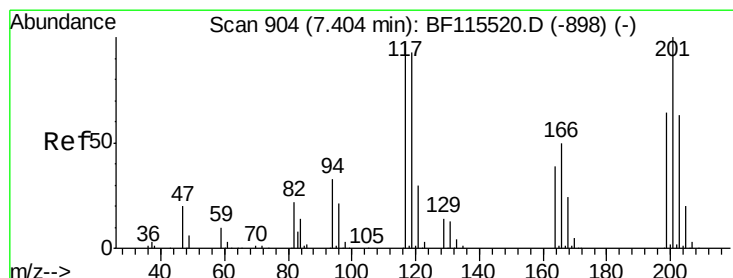
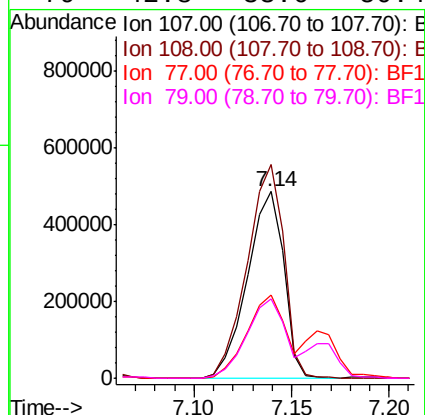
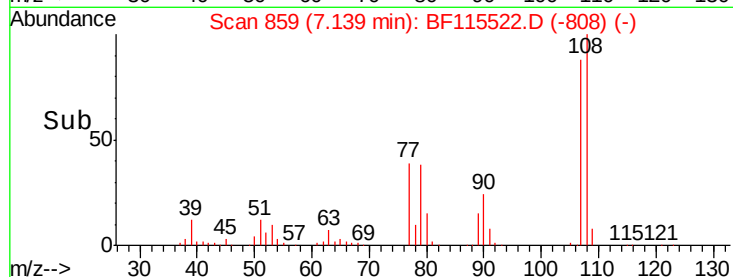
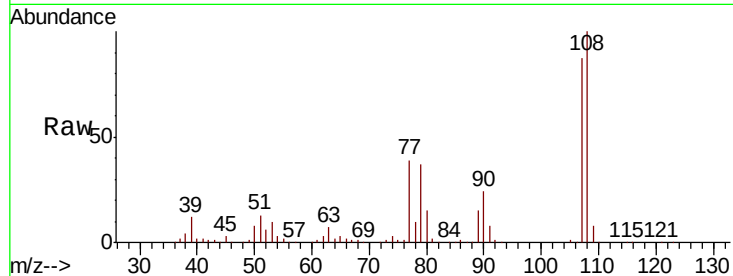




#17
2-Methylphenol
Concen: 56.875 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

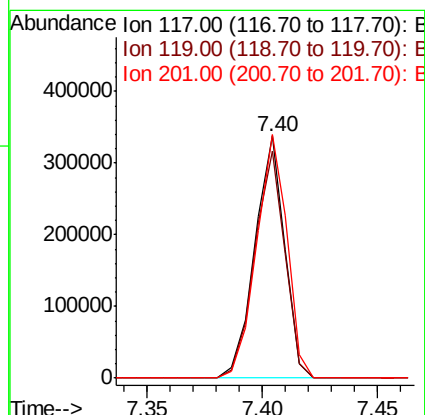
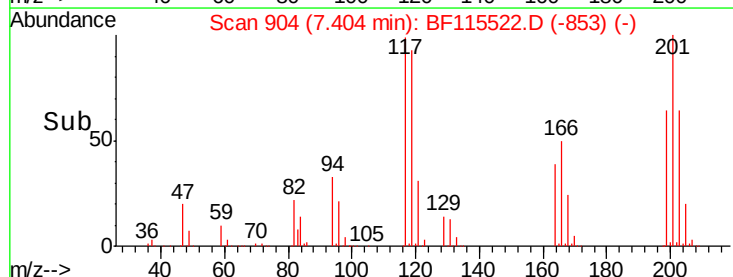
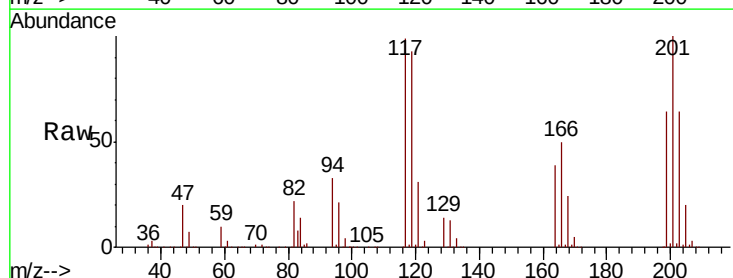
Instrument :
BNA_F
ClientSampleId :

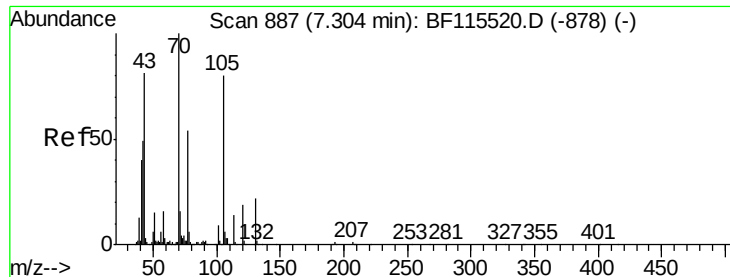
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.3	90.5	135.7
77	44.9	34.9	52.3
79	42.8	33.6	50.4



#18
Hexachloroethane
Concen: 57.542 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.8	115.2
201	100.5	82.2	123.4

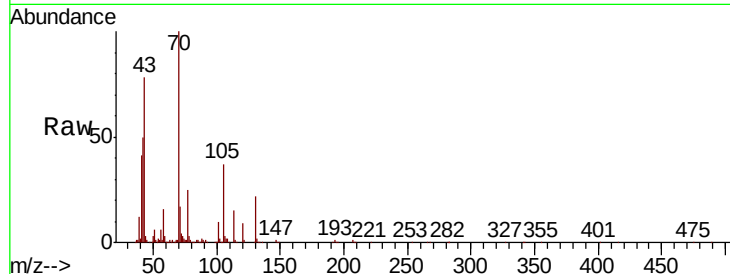




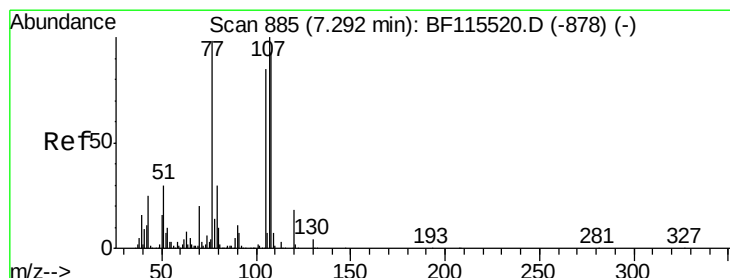
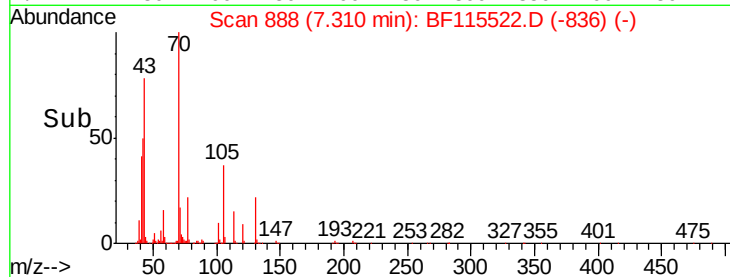
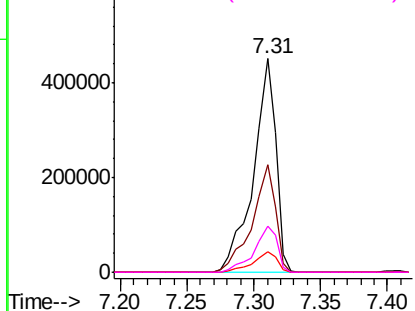
#19
 n-Nitroso-di-n-propylamine
 Concen: 52.855 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	70	Resp:	519243
Ion	Ratio	Lower	Upper
70	100		
42	50.3	39.4	59.0
101	9.8	7.4	11.2
130	21.8	17.4	26.2

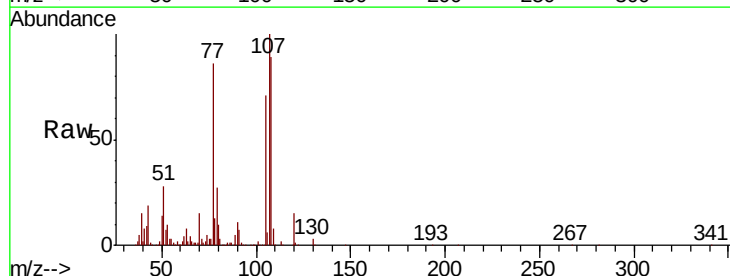


Abundance Ion 70.00 (69.70 to 70.70): BF1
 Ion 42.00 (41.70 to 42.70): BF1
 Ion 101.00 (100.70 to 101.70): E
 Ion 130.00 (129.70 to 130.70): E

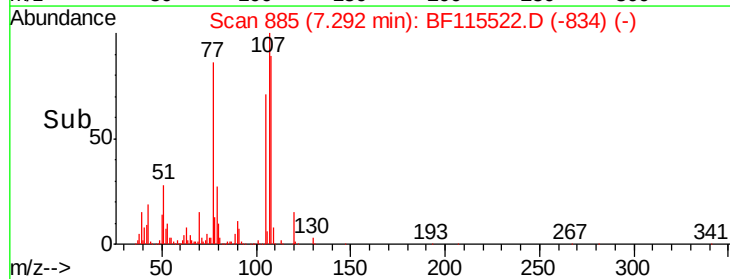
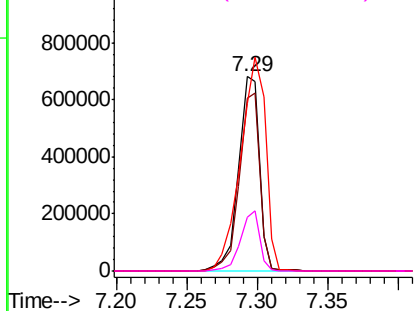


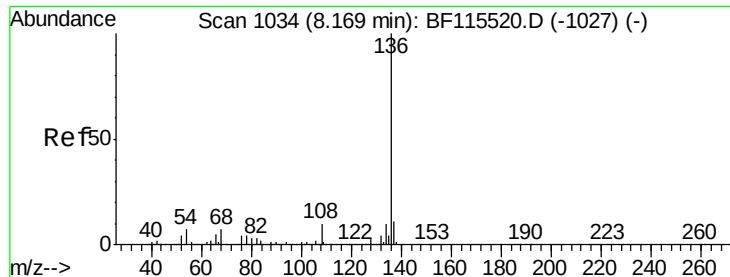
#20
 3+4-Methylphenols
 Concen: 53.636 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

Tgt Ion:	107	Resp:	699757
Ion	Ratio	Lower	Upper
107	100		
108	89.0	72.9	112.9
77	86.2	77.6	117.6
79	27.4	10.5	50.5



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

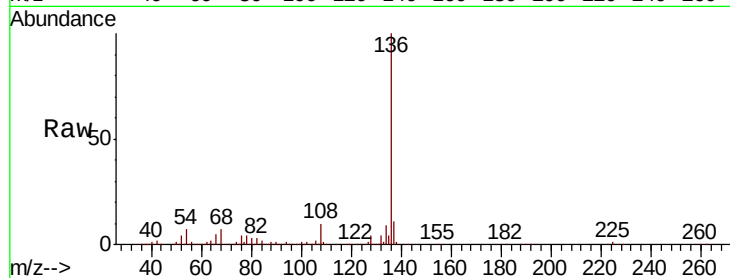




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 723753
Ion Ratio	Lower Upper
136 100	
137 11.3	9.0 13.4
54 7.1	5.9 8.9
68 6.6	5.4 8.0



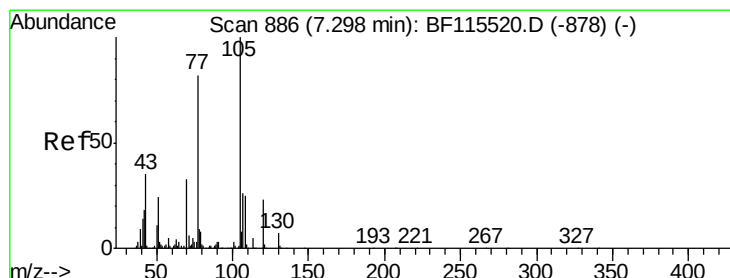
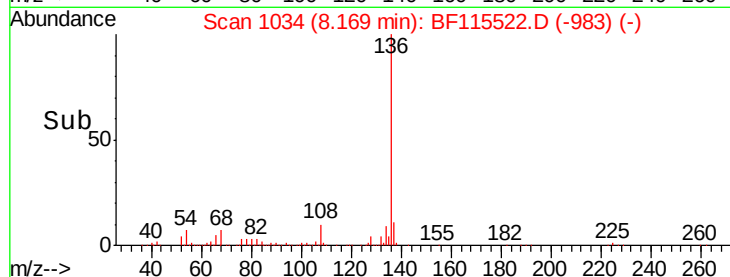
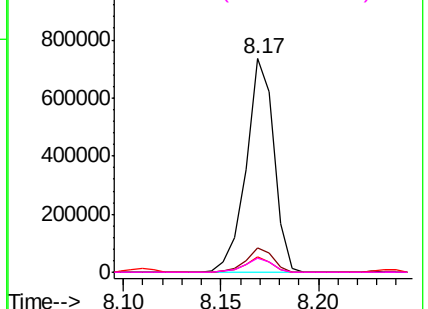
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

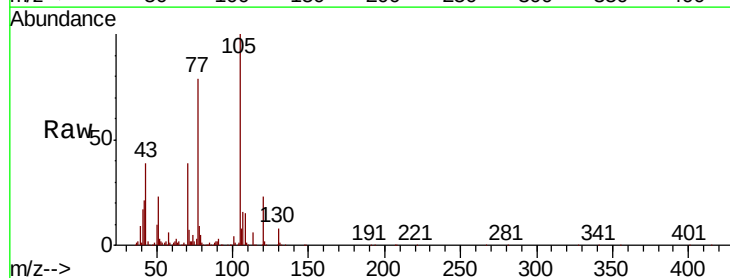
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 54.485 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

Tgt	Ion:105	Resp:	944912
Ion	Ratio	Lower	Upper
105	100		
71	6.8	4.5	6.7#
51	22.6	19.5	29.3
120	23.1	18.1	27.1



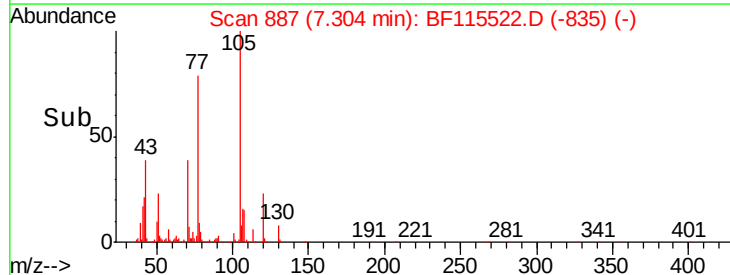
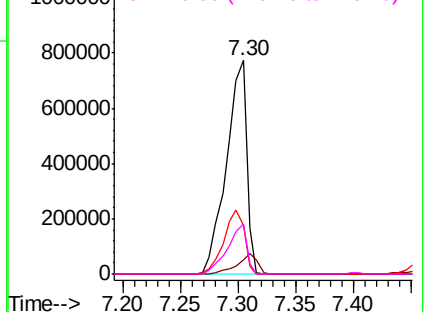
Abundance

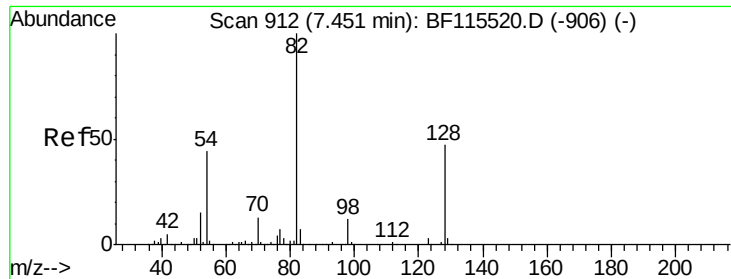
Ion 105.00 (104.70 to 105.70): E

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

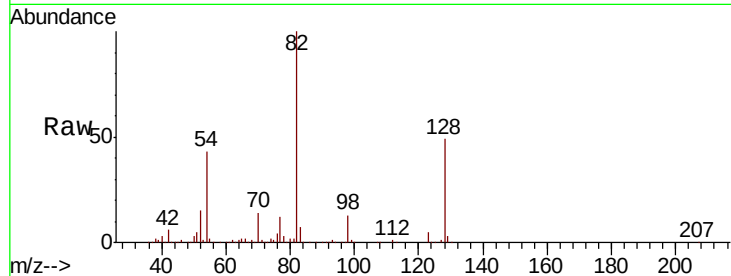




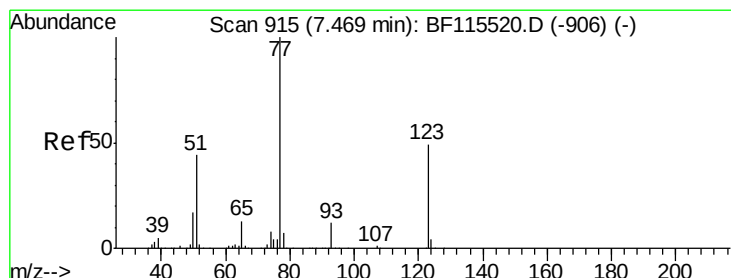
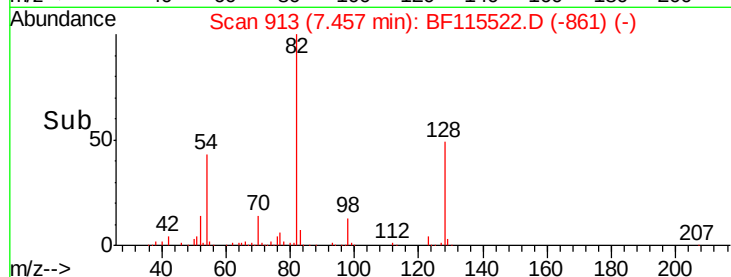
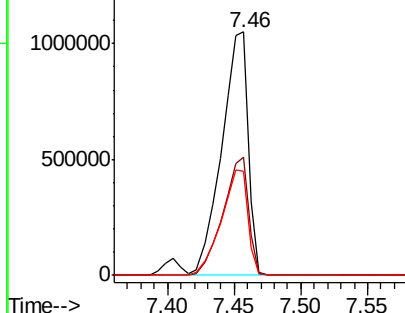
#23
 Nitrobenzene-d5
 Concen: 120.103 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1471229
 Ion Ratio Lower Upper
 82 100
 128 48.5 37.8 56.8
 54 43.0 35.0 52.6

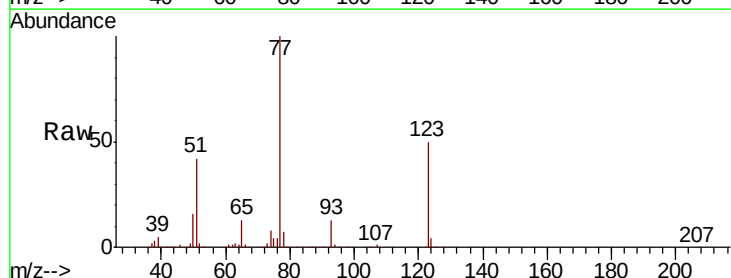


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

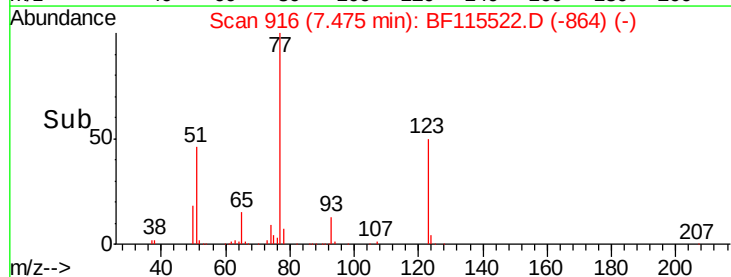
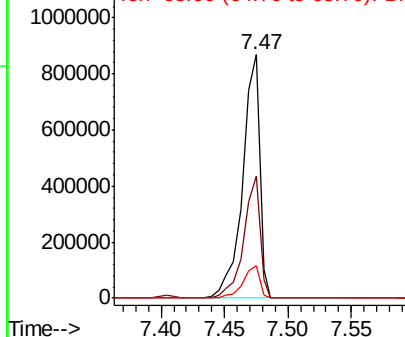


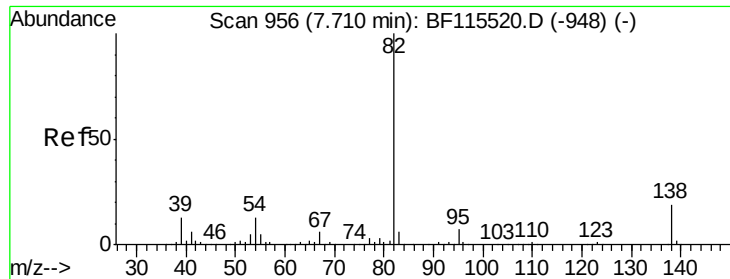
#24
 Nitrobenzene
 Concen: 57.957 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

Tgt Ion: 77 Resp: 801792
 Ion Ratio Lower Upper
 77 100
 123 50.2 39.2 58.8
 65 13.1 10.4 15.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 55.098 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

Instrument :

BNA_F

ClientSampled :

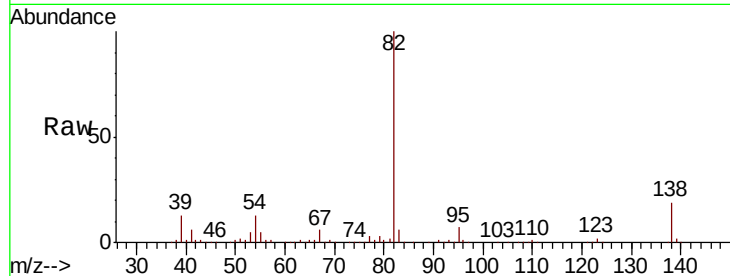
Tot Ion: 82 Resp: 1462939

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

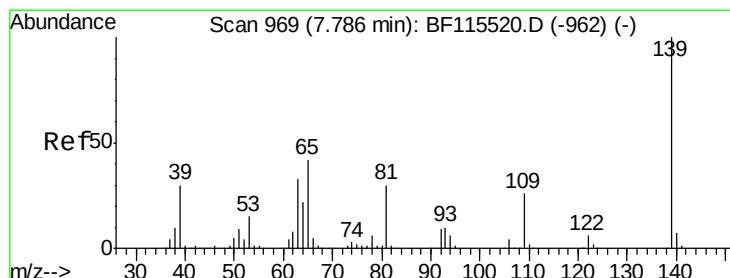
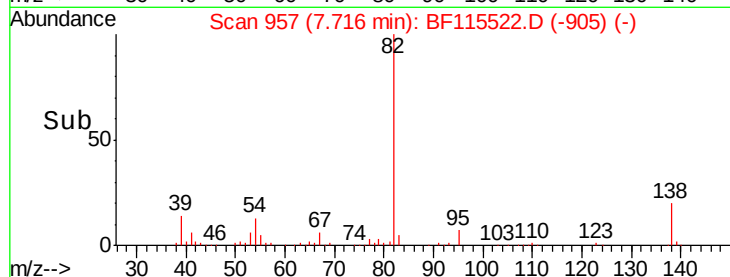
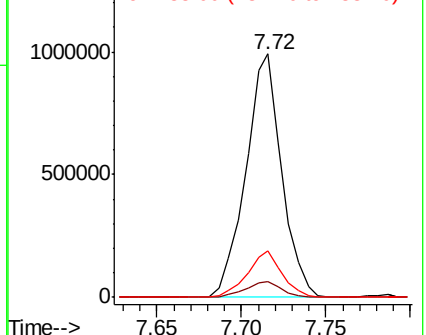
138 19.0 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 73.505 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

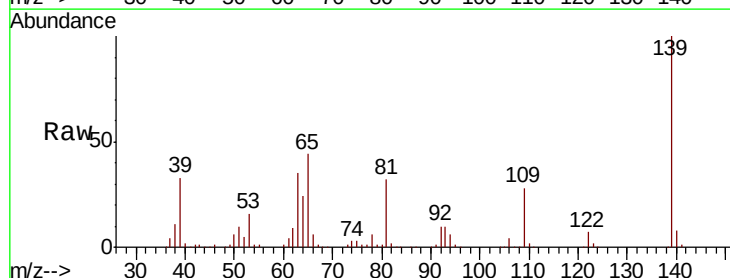
Tgt Ion: 139 Resp: 418064

Ion Ratio Lower Upper

139 100

109 27.7 21.0 31.4

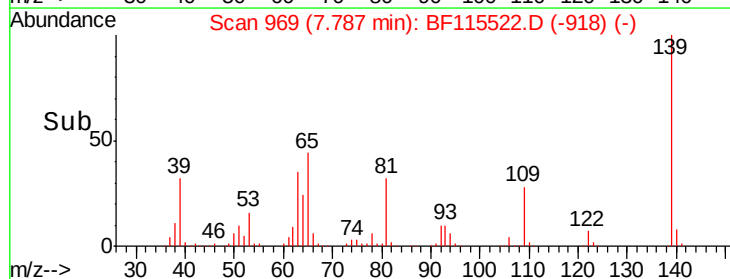
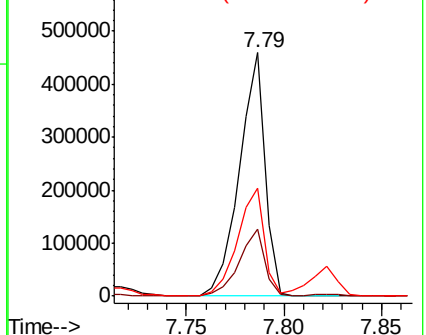
65 44.5 33.3 49.9

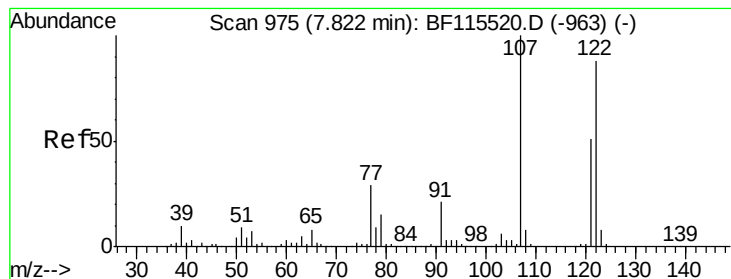


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 57.134 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

Instrument :

BNA_F

ClientSampleId :

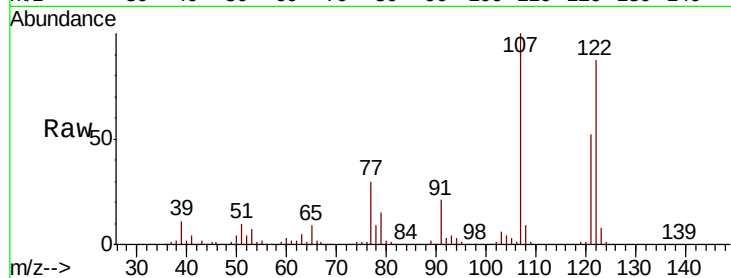
Tot Ion:122 Resp: 619637

Ion Ratio Lower Upper

122 100

107 114.9 90.9 136.3

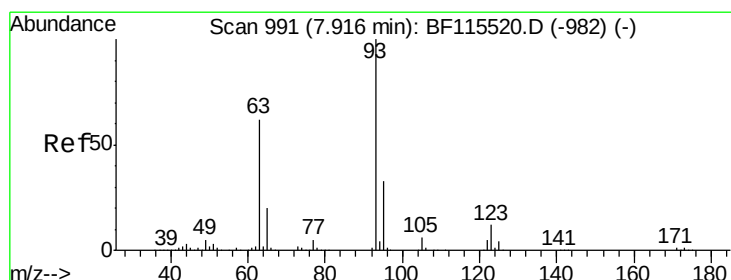
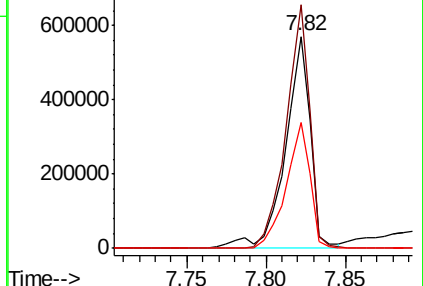
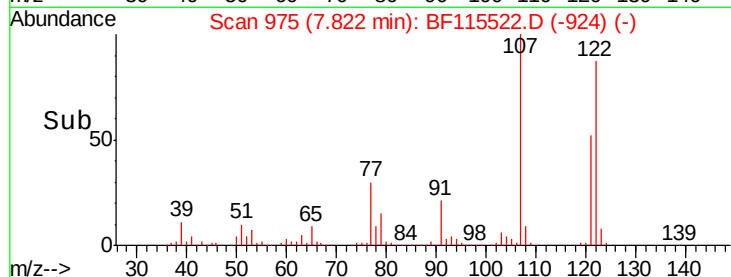
121 59.3 46.7 70.1



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: 54.891 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

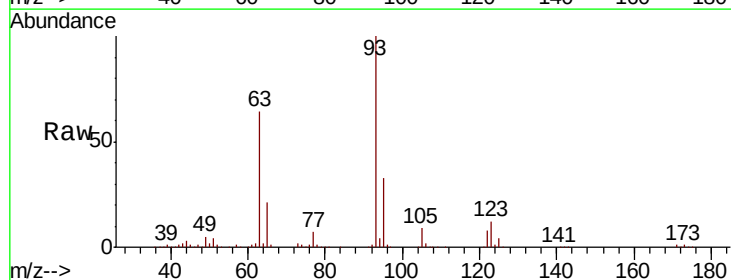
Tgt Ion: 93 Resp: 898726

Ion Ratio Lower Upper

93 100

95 33.2 26.4 39.6

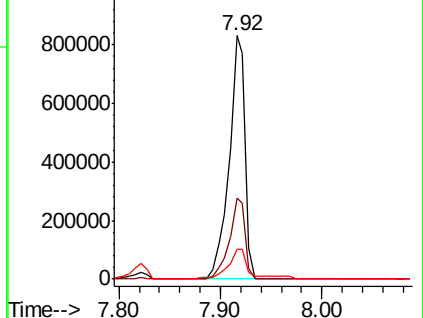
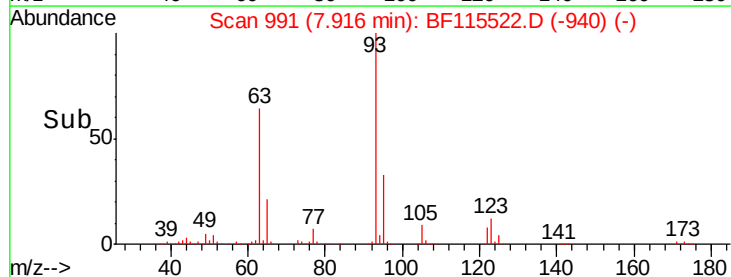
123 12.1 9.7 14.5

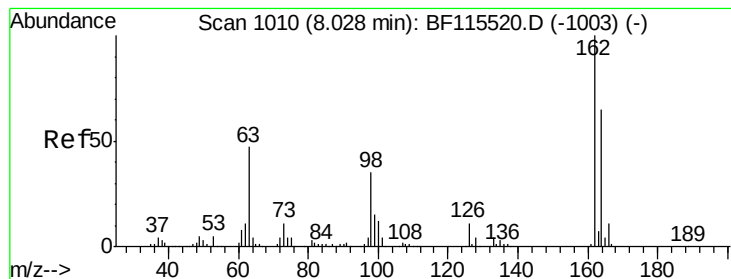


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 59.134 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

Instrument :

BNA_F

ClientSampleId :

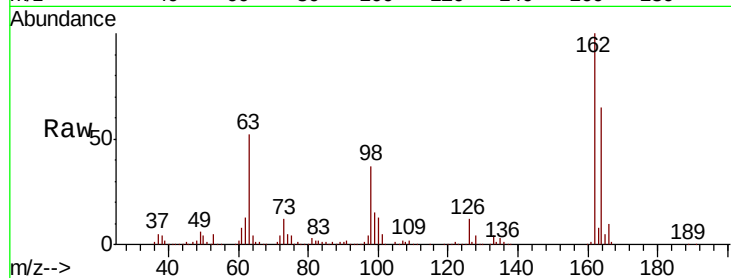
Tot Ion:162 Resp: 638763

Ion Ratio Lower Upper

162 100

164 64.6 45.4 85.4

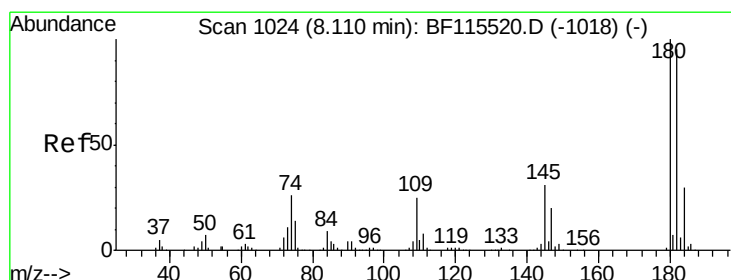
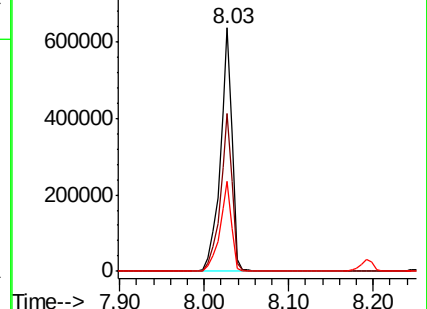
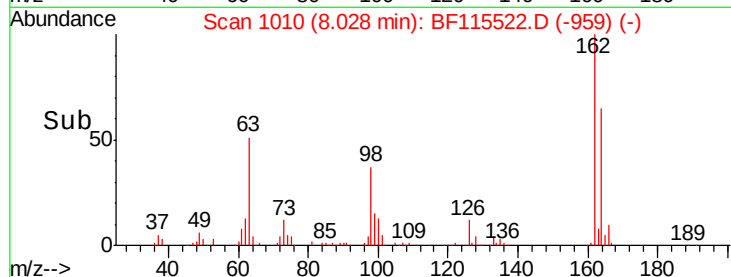
98 37.2 14.5 54.5



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: 59.463 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

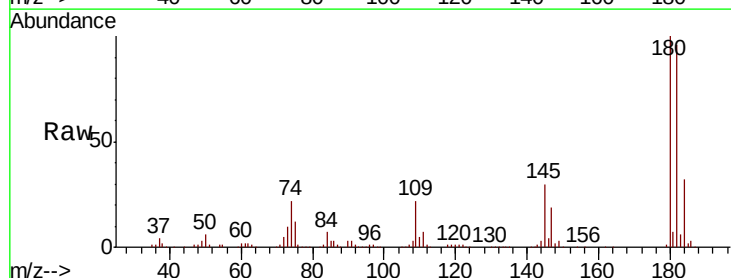
Tgt Ion:180 Resp: 715071

Ion Ratio Lower Upper

180 100

182 95.9 75.8 113.8

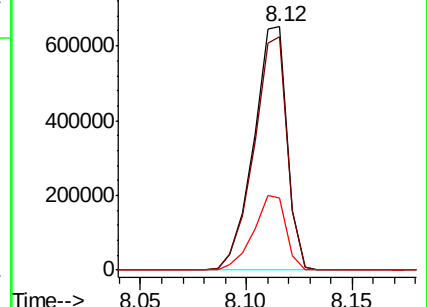
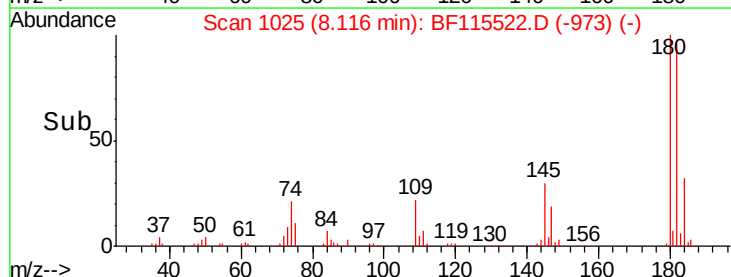
145 29.6 24.7 37.1

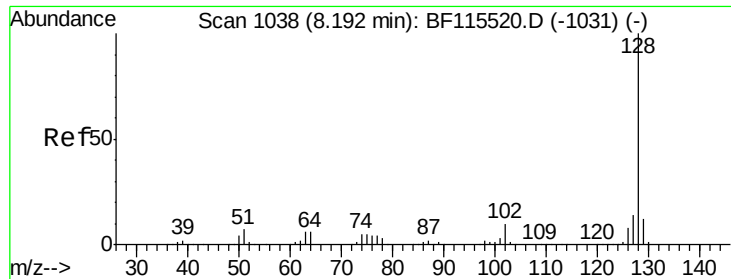


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

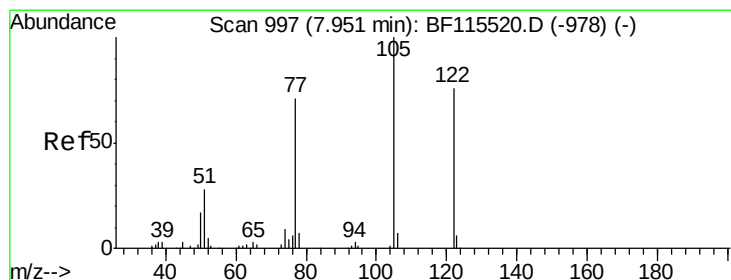
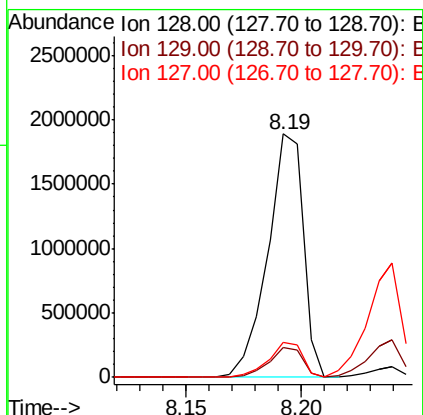
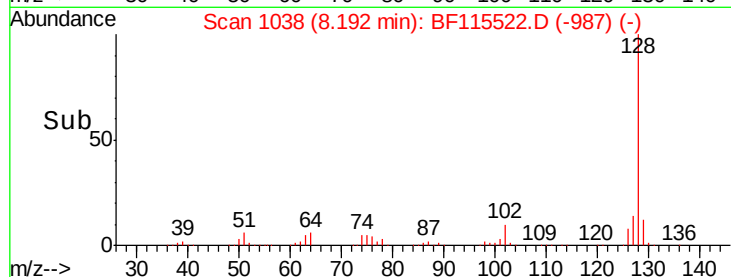
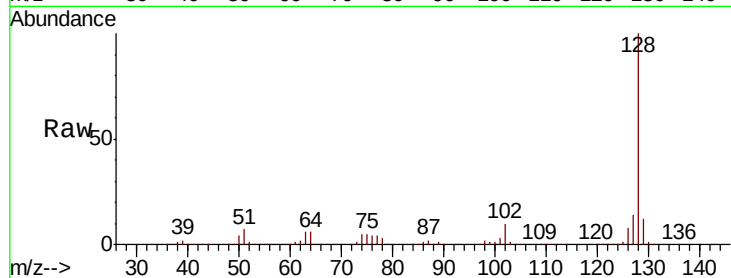




#31
Naphthalene
Concen: 56.371 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

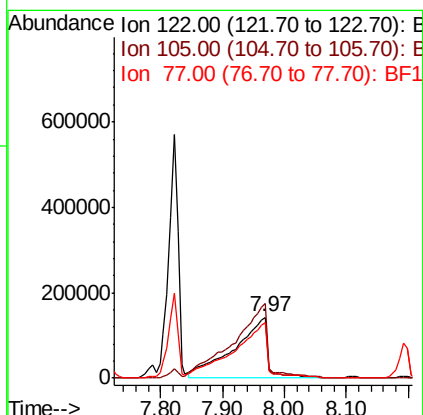
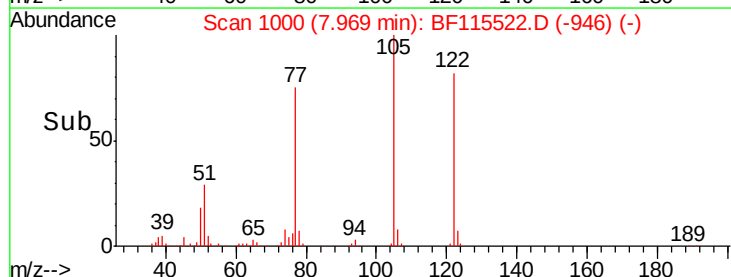
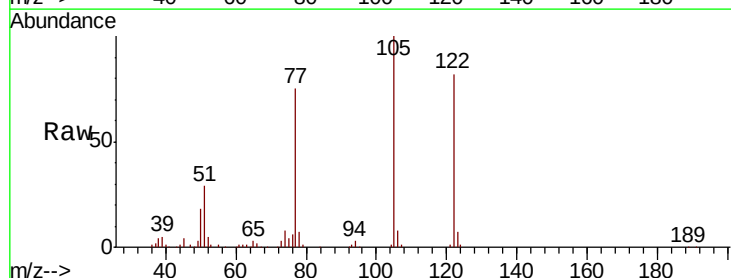
Instrument :
BNA_F
ClientSampleId :

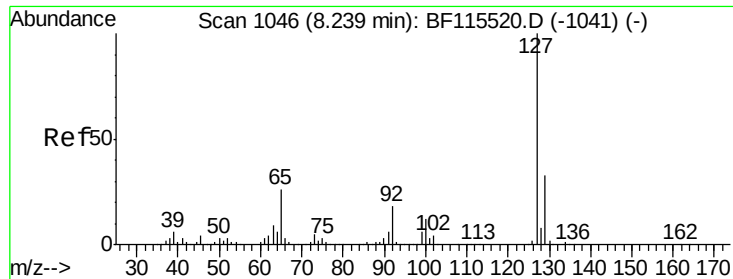
Tot Ion:128 Resp: 2026486
Ion Ratio Lower Upper
128 100
129 12.2 9.4 14.2
127 14.1 11.2 16.8



#32
Benzoic acid
Concen: 73.161 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.02 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

Tgt Ion:122 Resp: 542163
Ion Ratio Lower Upper
122 100
105 121.7 106.8 146.8
77 91.1 71.7 111.7

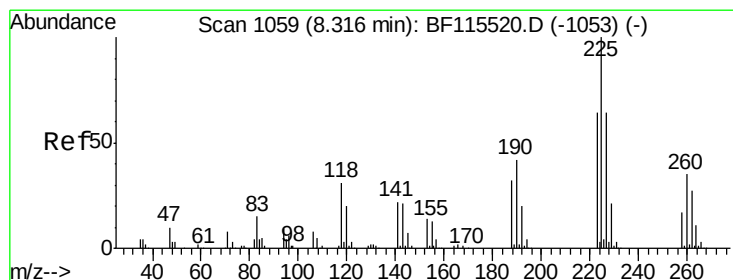
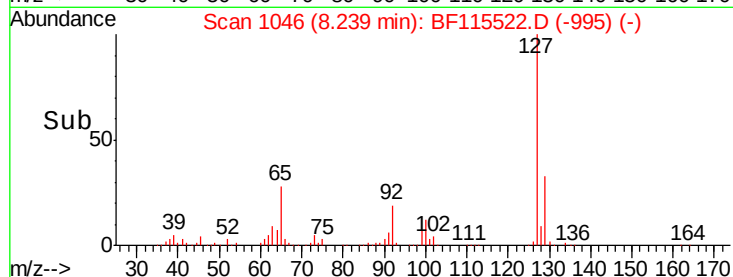
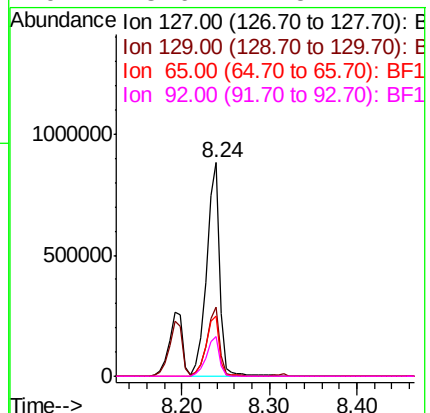
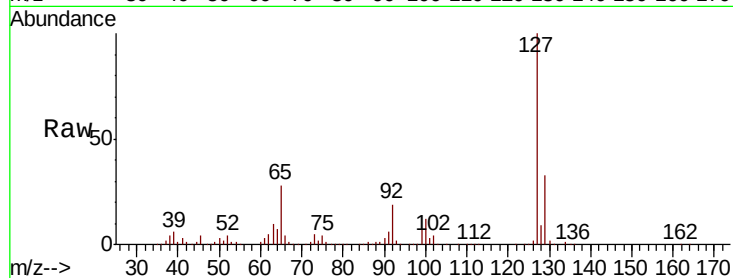




#33
4-Chloroaniline
Concen: 56.672 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

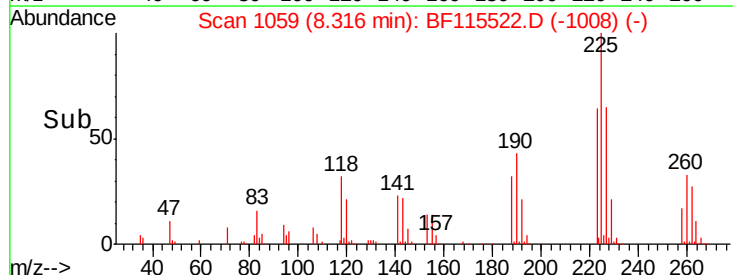
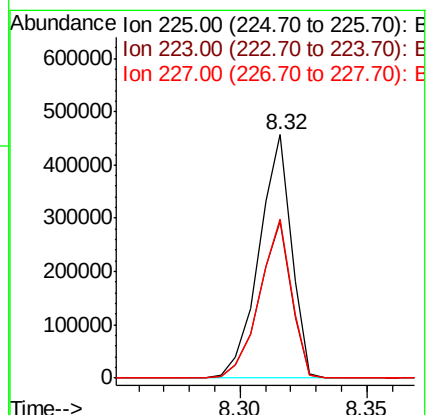
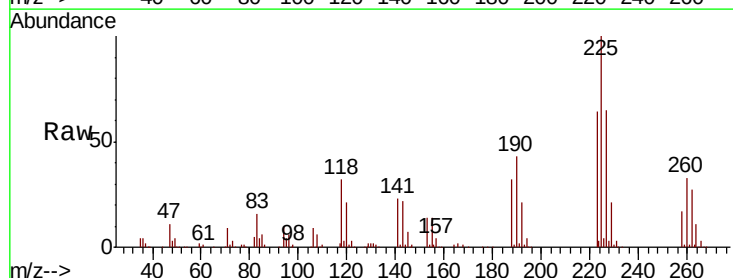
Instrument :
BNA_F
ClientSampleId :

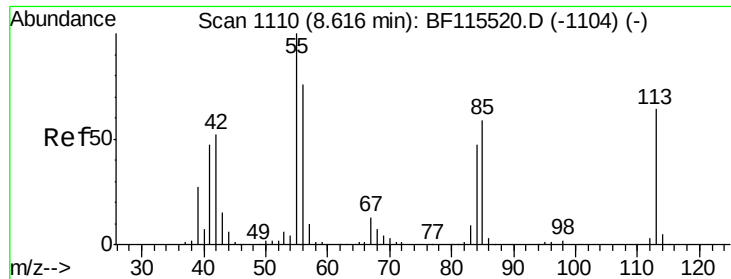
Tot Ion:	127	Resp:	908985
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.4	39.6
65	28.0	21.2	31.8
92	18.6	14.5	21.7



#34
Hexachlorobutadiene
Concen: 59.703 ng
RT: 8.32 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

Tgt Ion:	225	Resp:	407159
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.9	76.3
227	65.1	51.3	76.9

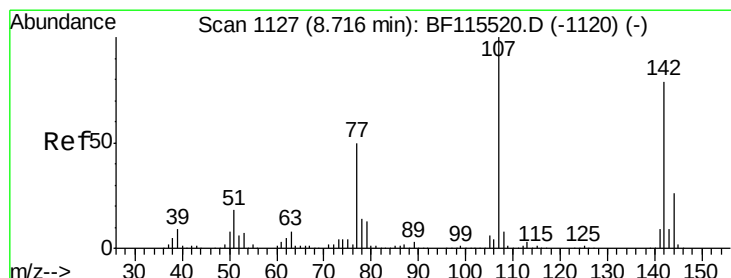
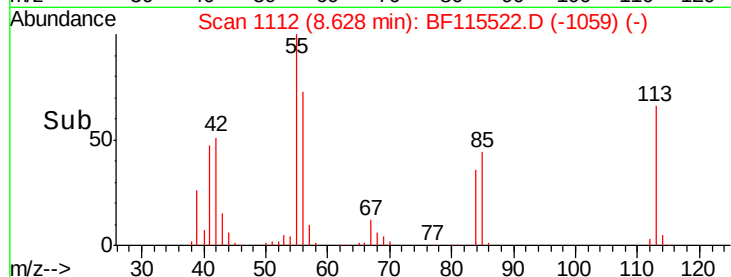
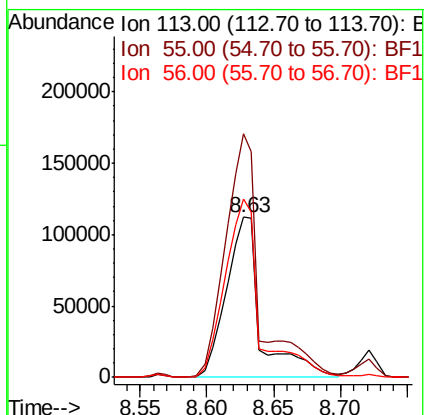
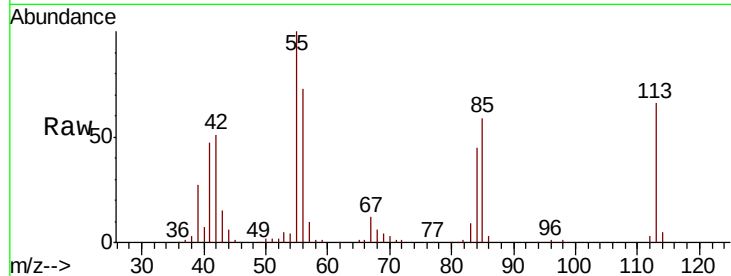




#35
Caprolactam
Concen: 58.012 ng
RT: 8.63 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

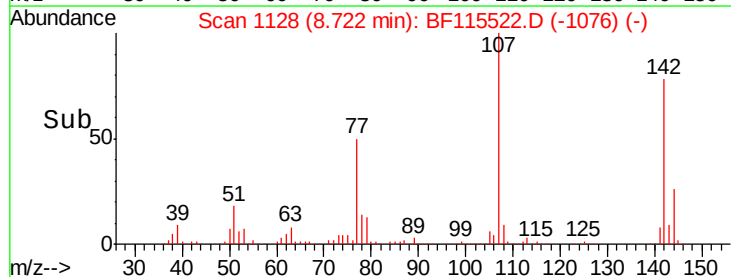
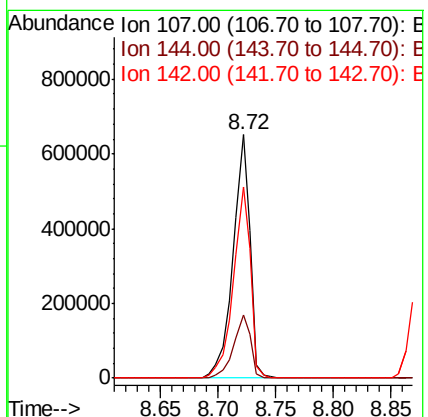
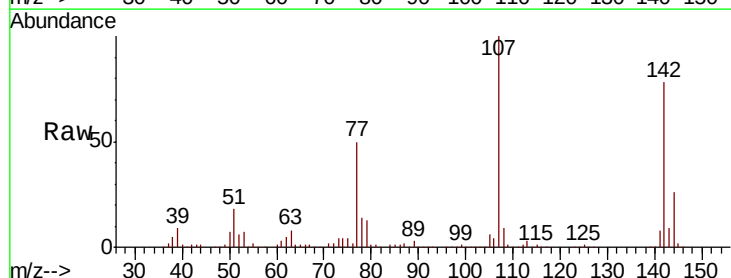
Instrument :
BNA_F
ClientSampleId :

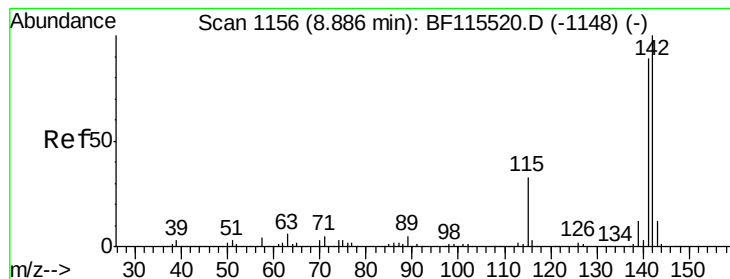
Tot Ion:113 Resp: 204096
Ion Ratio Lower Upper
113 100
55 151.8 136.8 176.8
56 110.9 98.7 138.7



#36
4-Chloro-3-methylphenol
Concen: 57.865 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

Tgt Ion:107 Resp: 661149
Ion Ratio Lower Upper
107 100
144 25.8 20.4 30.6
142 78.5 63.5 95.3





#37

2-Methylnaphthalene

Concen: 56.048 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

Instrument :

BNA_F

ClientSampleId :

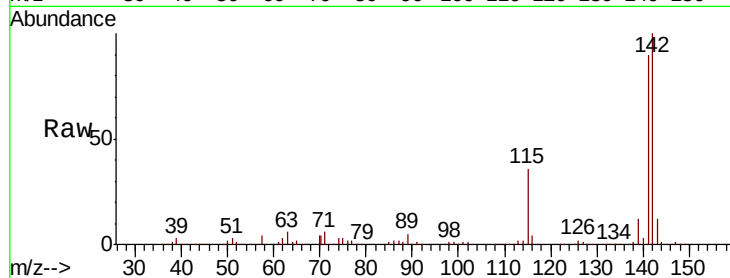
Tot Ion:142 Resp: 1346757

Ion Ratio Lower Upper

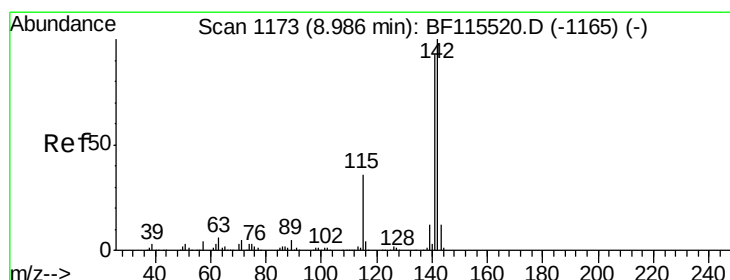
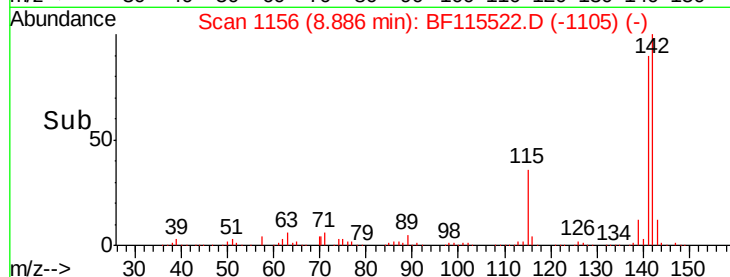
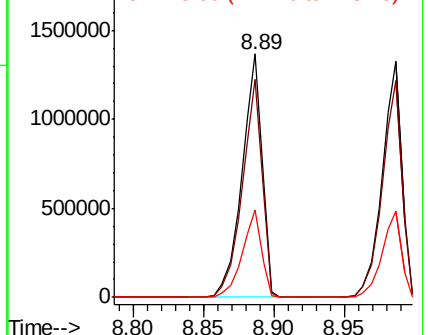
142 100

141 89.6 71.0 106.4

115 35.8 26.6 39.8



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: 55.510 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

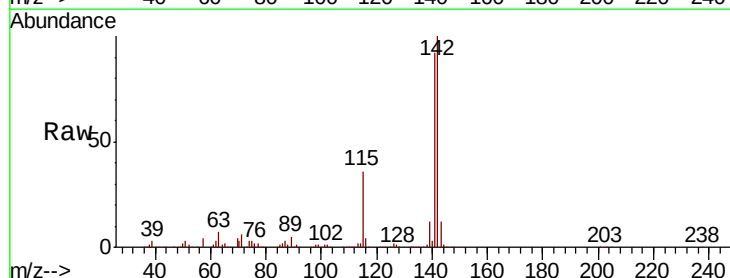
Tgt Ion:142 Resp: 1272627

Ion Ratio Lower Upper

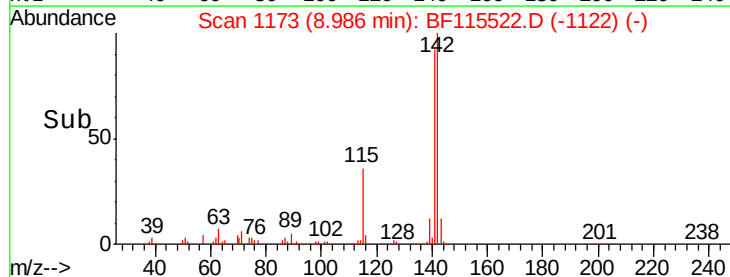
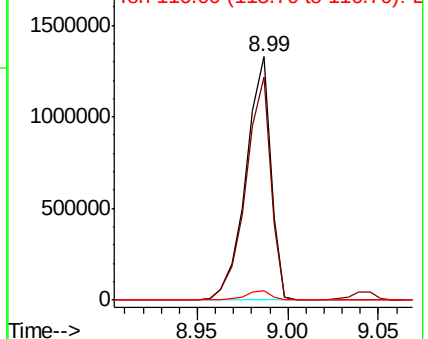
142 100

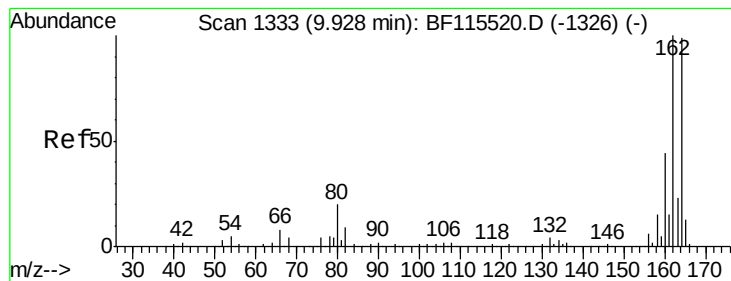
141 91.8 74.6 112.0

116 3.7 2.9 4.3



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: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

Instrument :

BNA_F

ClientSampled :

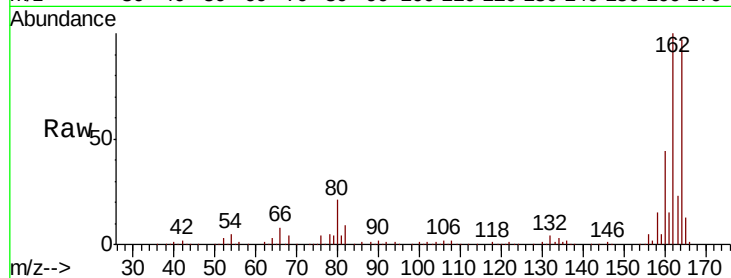
Tot Ion:164 Resp: 353100

Ion Ratio Lower Upper

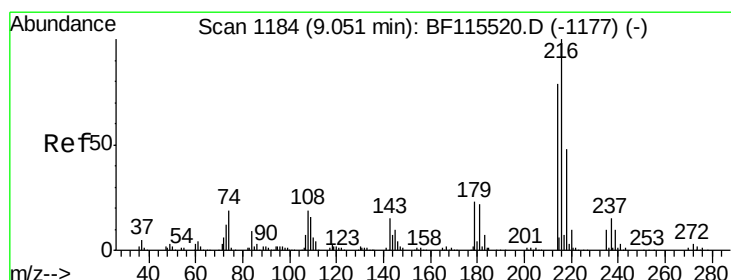
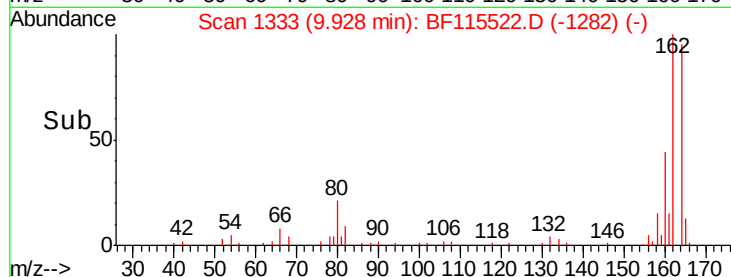
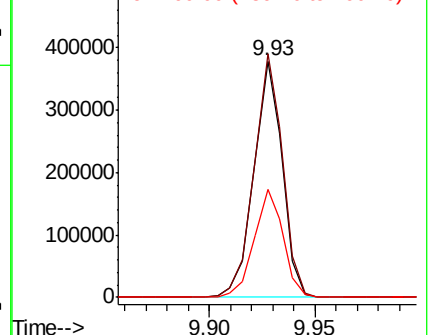
164 100

162 103.0 80.7 121.1

160 45.7 35.4 53.2



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: 61.204 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

Tgt Ion:216 Resp: 621723

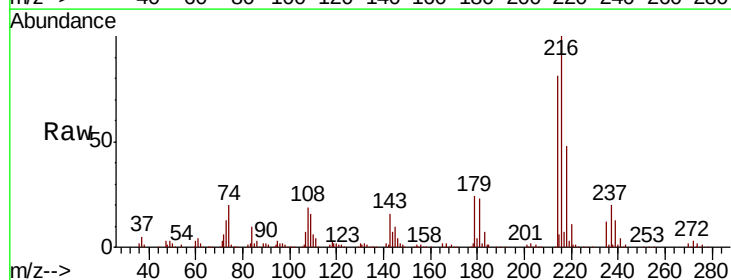
Ion Ratio Lower Upper

216 100

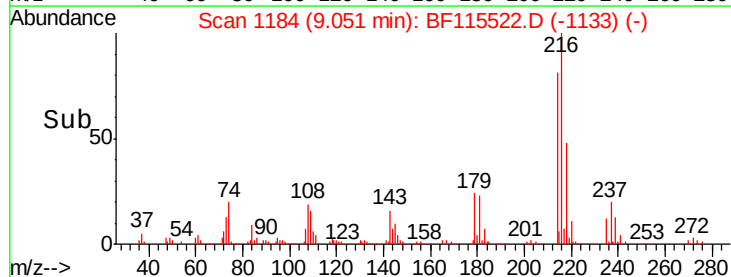
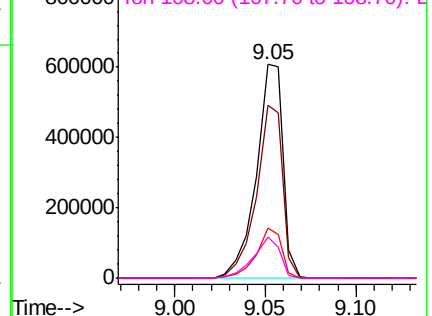
214 79.3 63.0 94.6

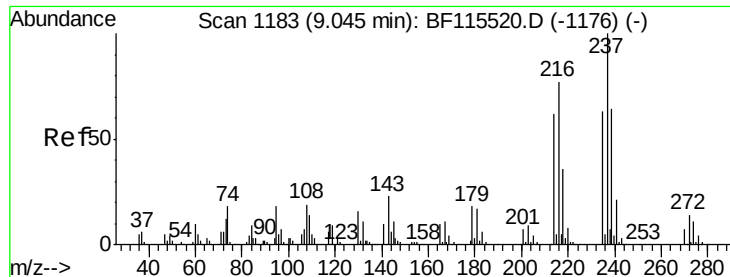
179 22.1 17.5 26.3

108 19.2 15.4 23.2



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: 61.575 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

Instrument :

BNA_F

ClientSampled :

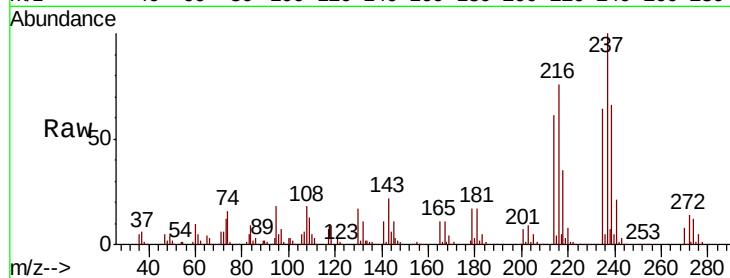
Tot Ion:237 Resp: 362533

Ion Ratio Lower Upper

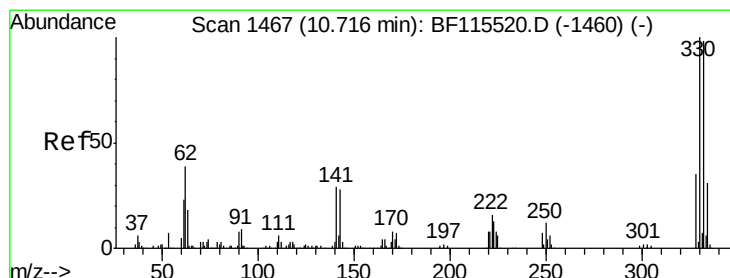
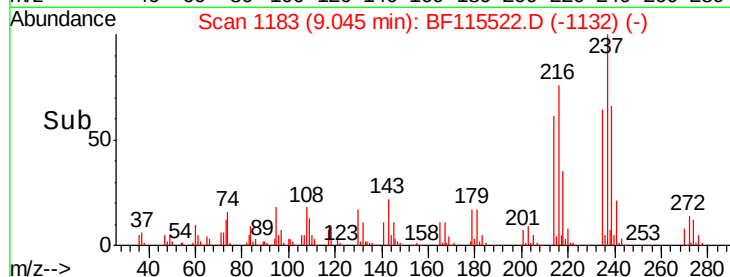
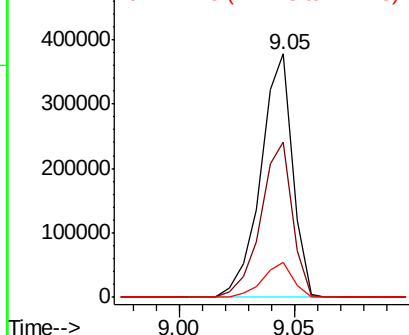
237 100

235 63.9 42.9 82.9

272 14.5 0.0 33.8



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: 121.977 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

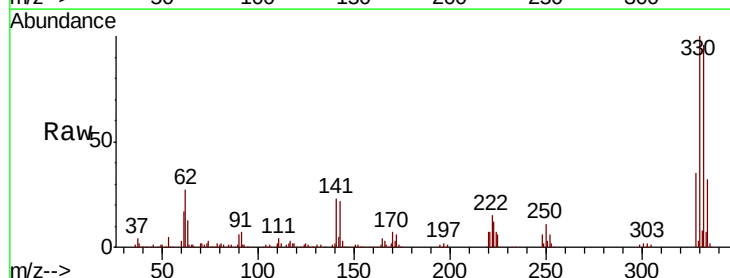
Tgt Ion:330 Resp: 476211

Ion Ratio Lower Upper

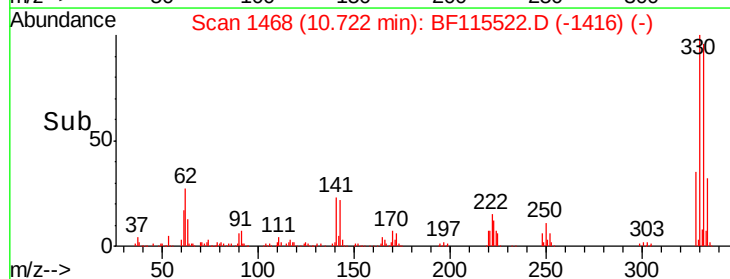
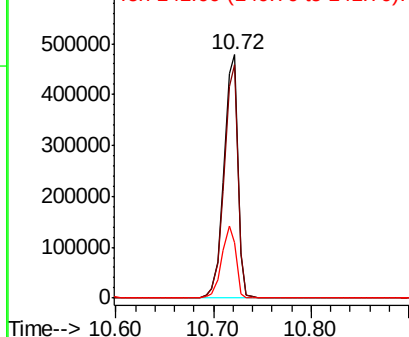
330 100

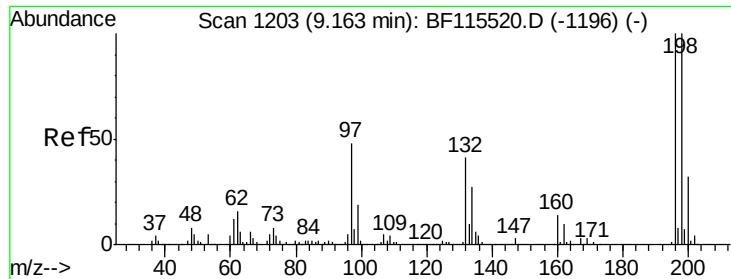
332 95.2 77.8 116.8

141 30.1 24.6 37.0



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

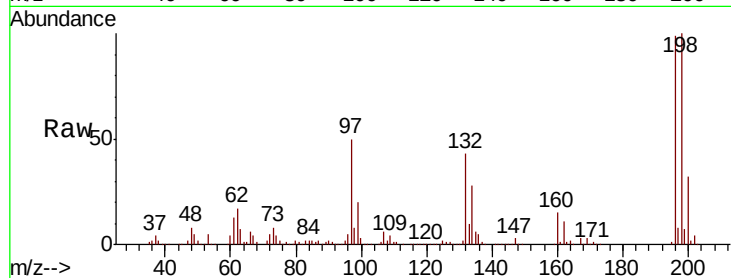




#43
 2,4,6-Trichlorophenol
 Concen: 60.927 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.2	80.3	120.5
200	32.1	26.0	39.0

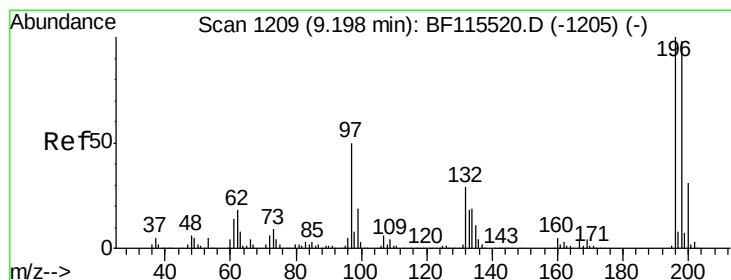
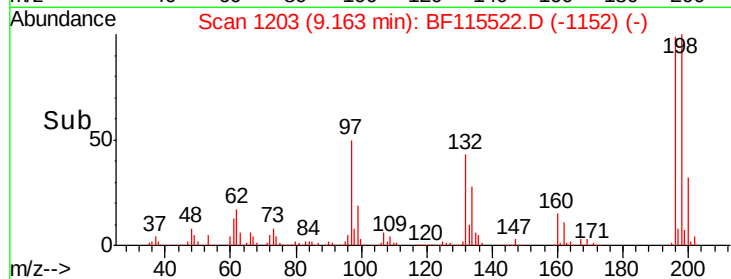
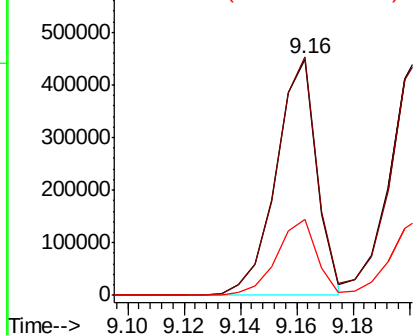


Abundance

Ion 196.00 (195.70 to 196.70): E

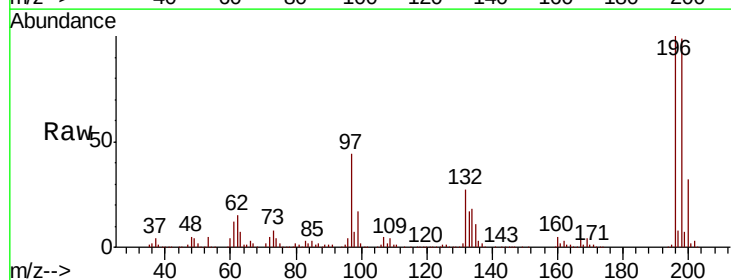
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 62.257 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.8	78.8	118.2
97	43.7	39.8	59.6
132	26.8	23.0	34.6



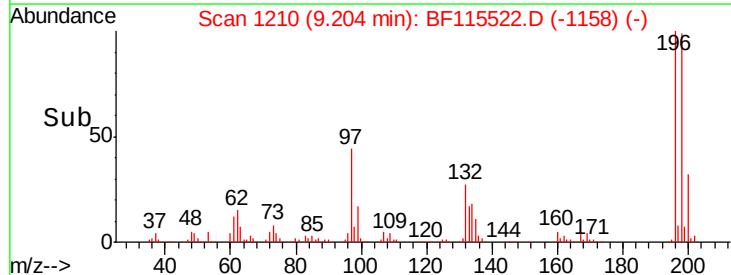
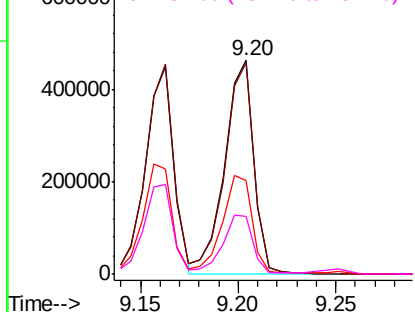
Abundance

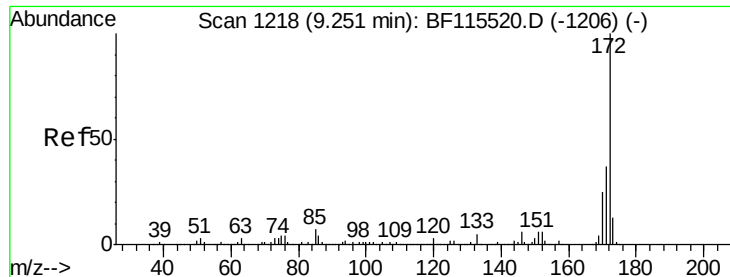
Ion 196.00 (195.70 to 196.70): E

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

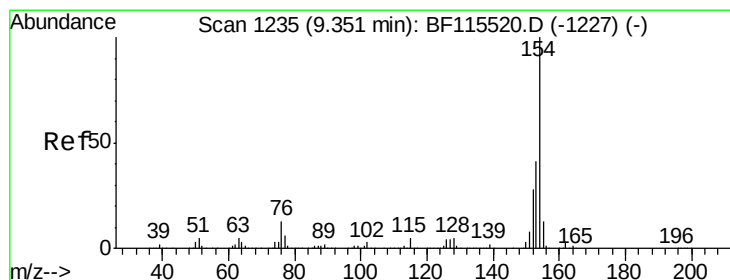
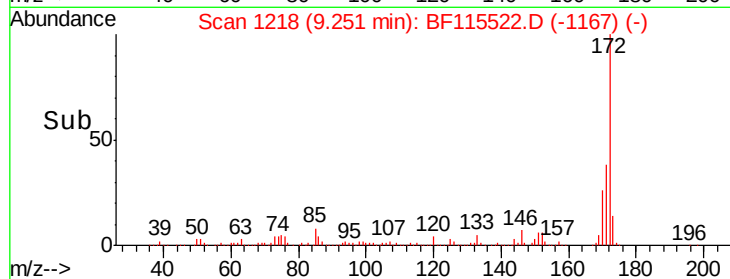
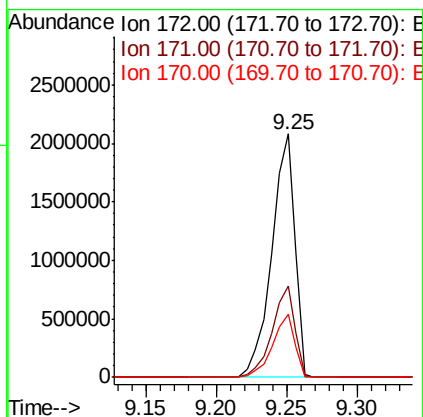
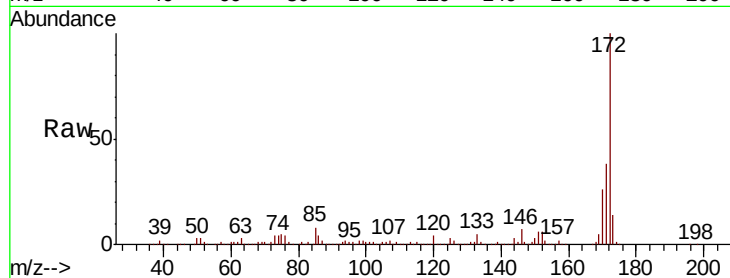




#45
2-Fluorobiphenyl
Concen: 118.780 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

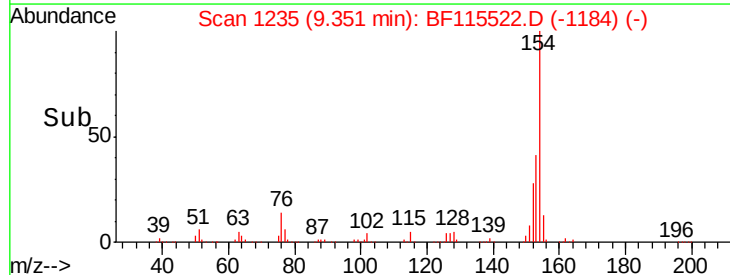
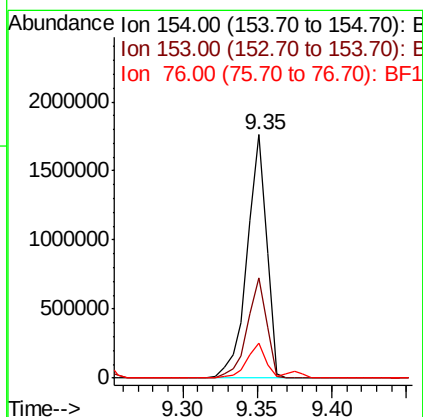
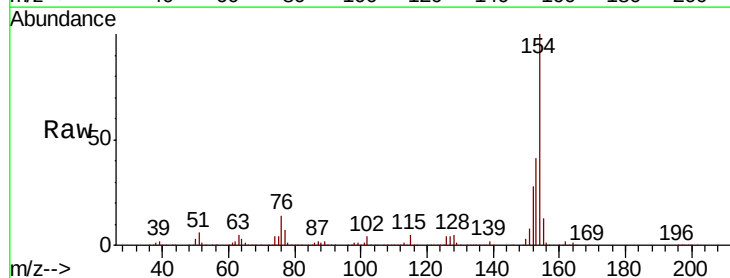
Instrument :
BNA_F
ClientSampleId :

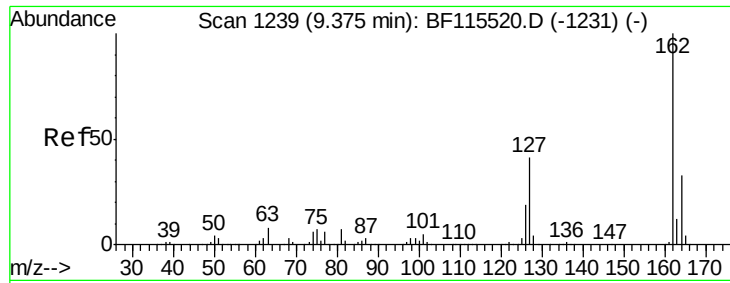
Tot Ion:172 Resp: 2390147
Ion Ratio Lower Upper
172 100
171 37.8 29.3 43.9
170 25.8 20.2 30.4



#46
1,1'-Biphenyl
Concen: 57.230 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

Tgt Ion:154 Resp: 1588649
Ion Ratio Lower Upper
154 100
153 41.4 21.5 61.5
76 14.1 0.0 32.9

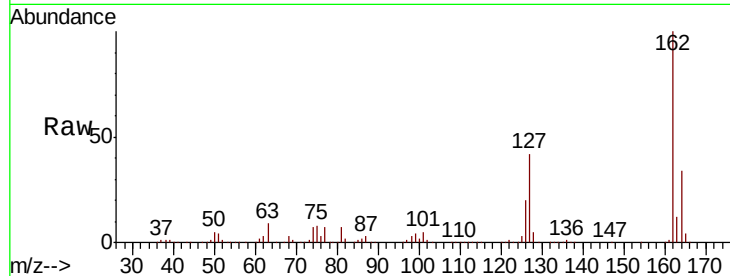




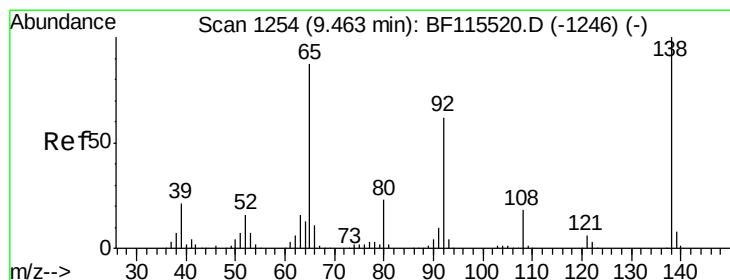
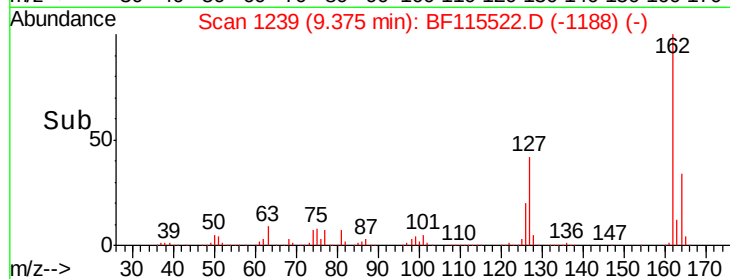
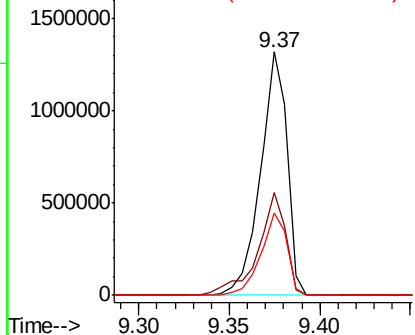
#47
 2-Chloronaphthalene
 Concen: 58.380 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1339377
 Ion Ratio Lower Upper
 162 100
 127 42.1 33.0 49.4
 164 33.8 26.7 40.1

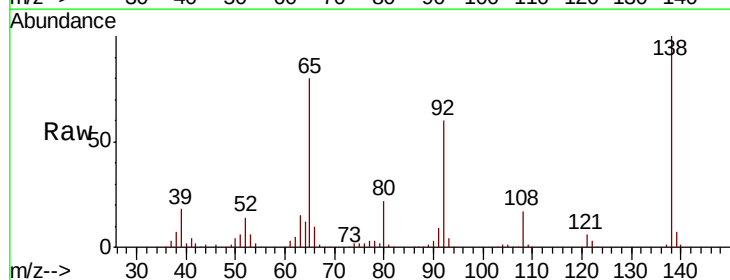


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

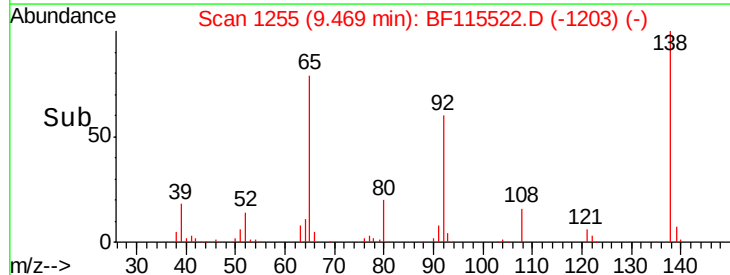
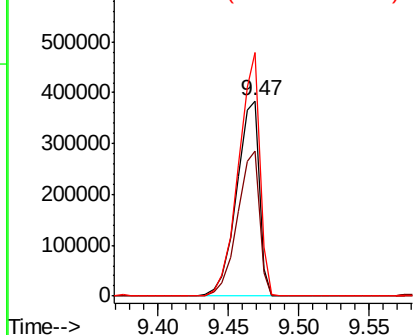


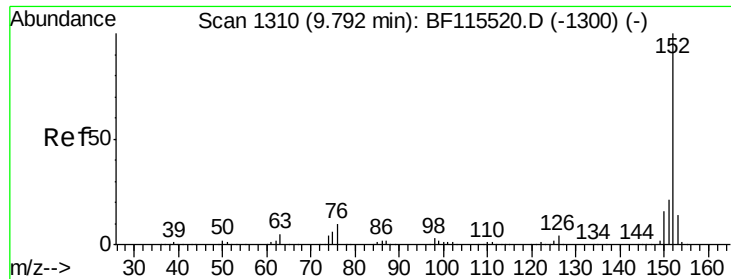
#48
 2-Nitroaniline
 Concen: 63.511 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.01 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

Tgt Ion: 65 Resp: 428092
 Ion Ratio Lower Upper
 65 100
 92 74.3 56.8 85.2
 138 124.7 91.6 137.4



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: 56.629 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

Instrument :

BNA_F

ClientSampleId :

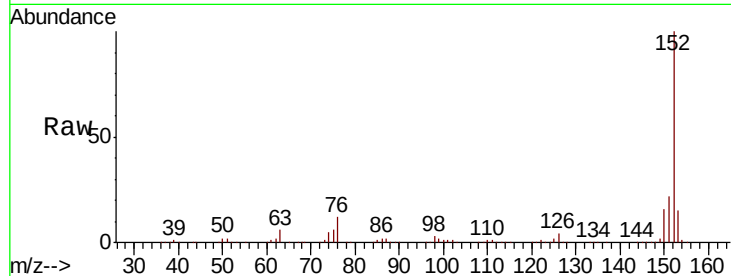
Tot Ion:152 Resp: 1967035

Ion Ratio Lower Upper

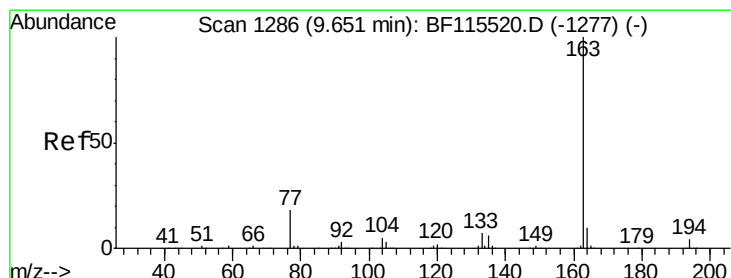
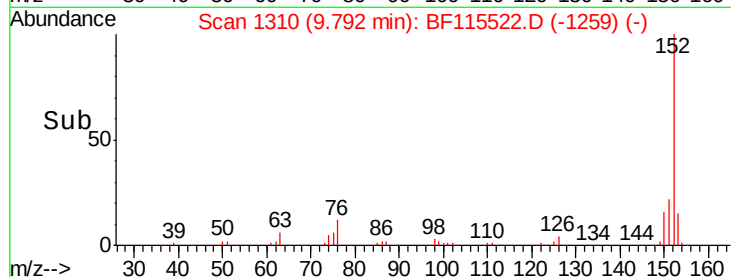
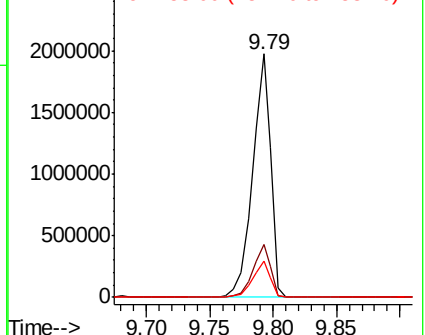
152 100

151 21.7 17.1 25.7

153 14.7 11.4 17.0



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: 57.895 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

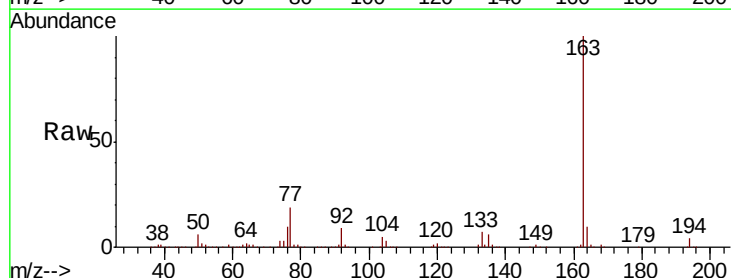
Tgt Ion:163 Resp: 1534359

Ion Ratio Lower Upper

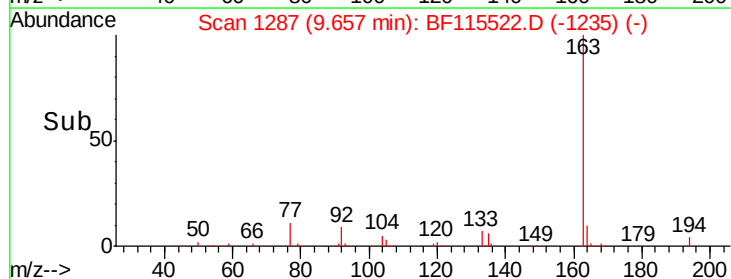
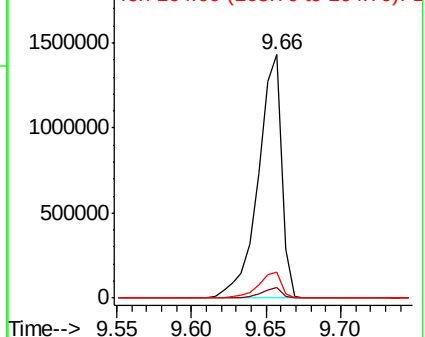
163 100

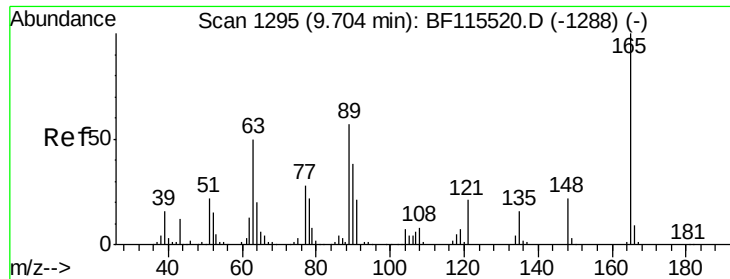
194 4.2 3.4 5.0

164 10.5 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

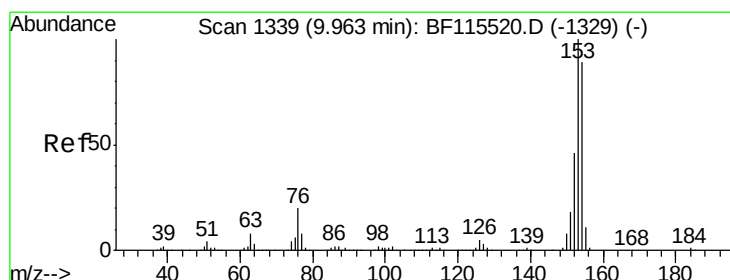
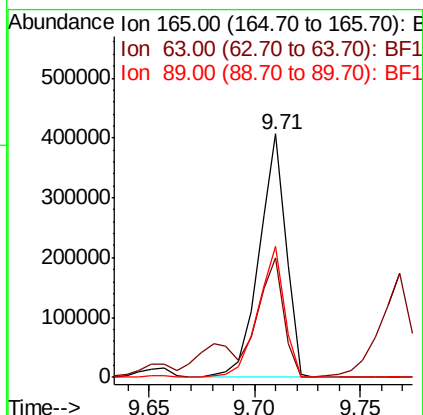
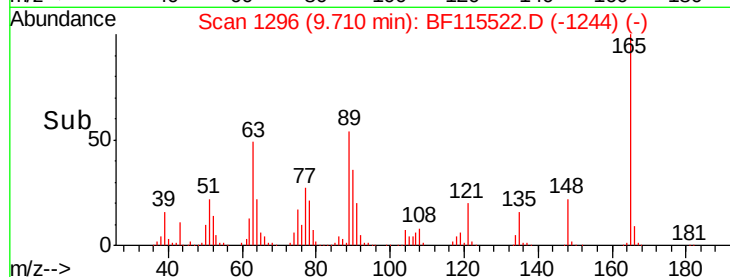
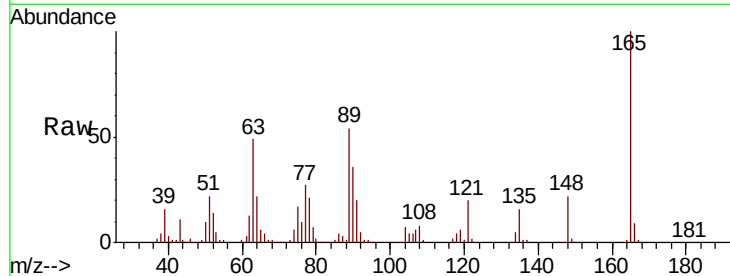




#51
 2,6-Dinitrotoluene
 Concen: 62.785 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

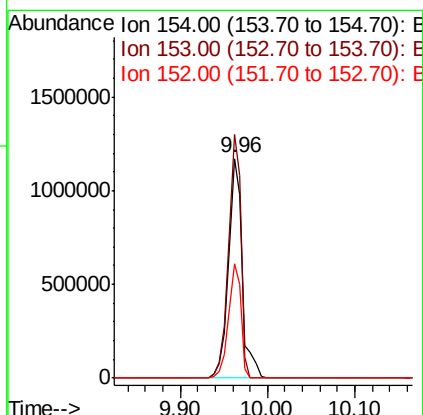
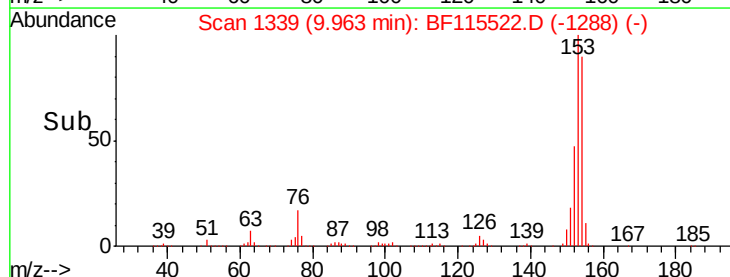
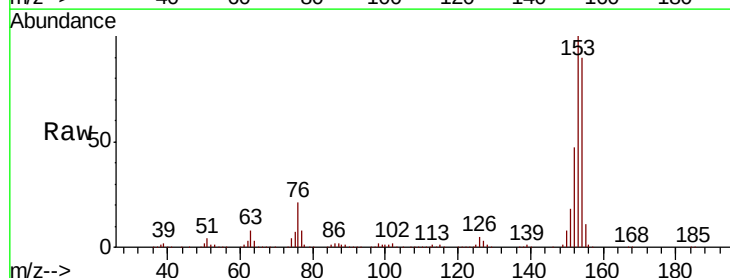
Instrument :
 BNA_F
 ClientSampleId :

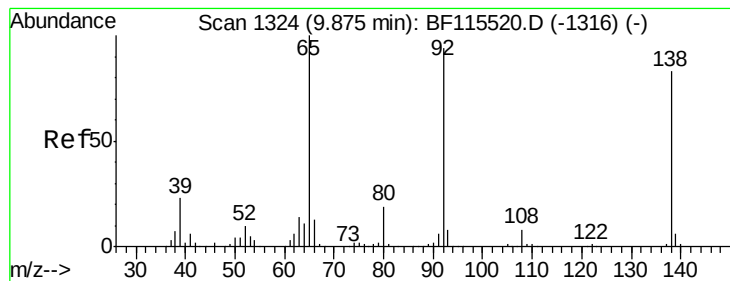
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.9	42.6	63.8
89	53.7	45.2	67.8



#52
 Acenaphthene
 Concen: 58.390 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.8	134.8
152	52.2	41.7	62.5





#53

3-Nitroaniline

Concen: 60.911 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

Instrument :

BNA_F

ClientSampled :

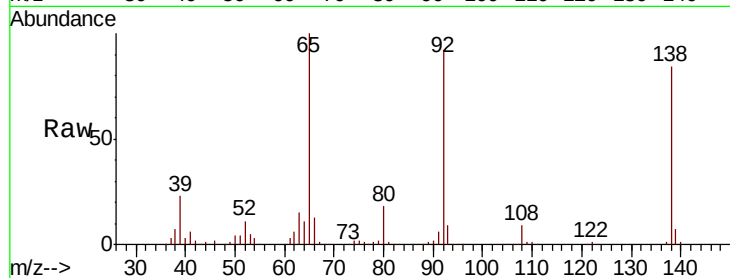
Tot Ion:138 Resp: 406633

Ion Ratio Lower Upper

138 100

108 10.4 8.1 12.1

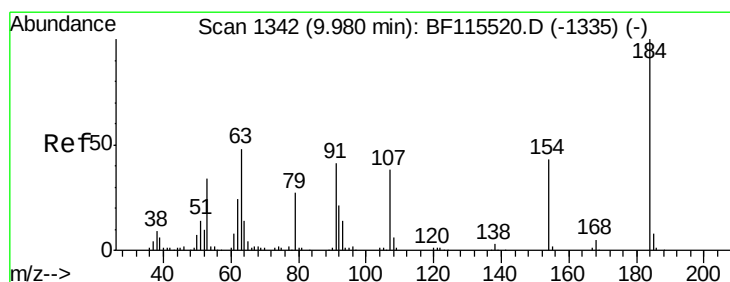
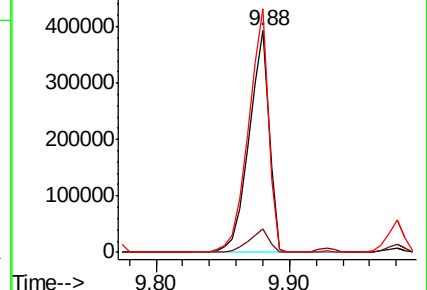
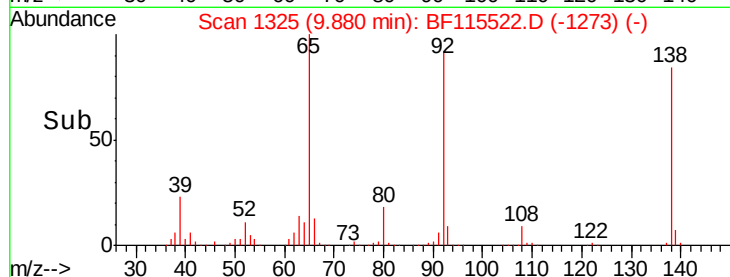
92 109.9 90.0 135.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 100.637 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

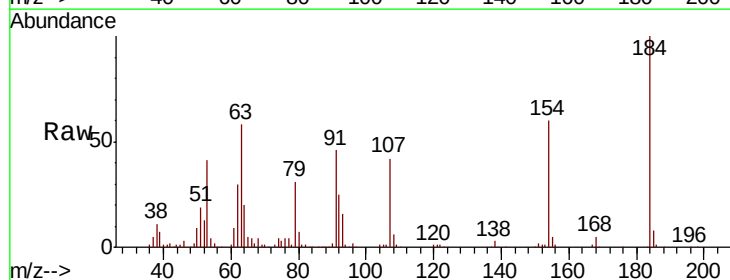
Tgt Ion:184 Resp: 202406

Ion Ratio Lower Upper

184 100

63 58.3 39.8 59.6

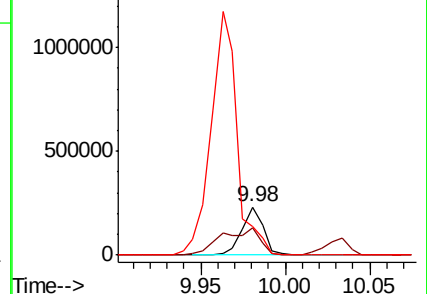
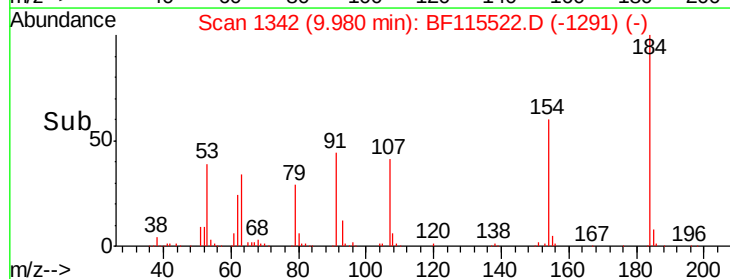
154 60.0 46.8 70.2

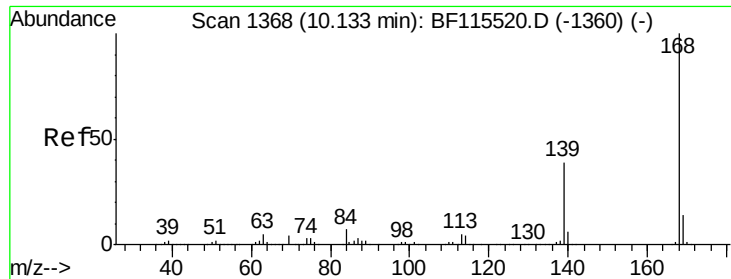


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

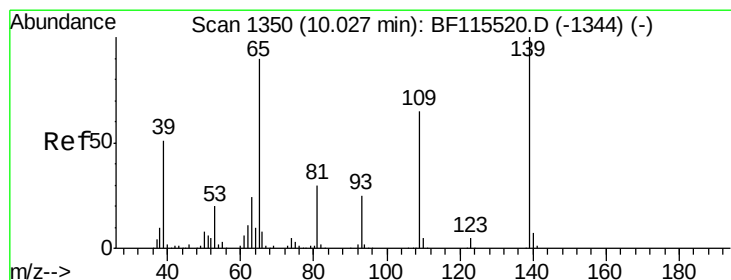
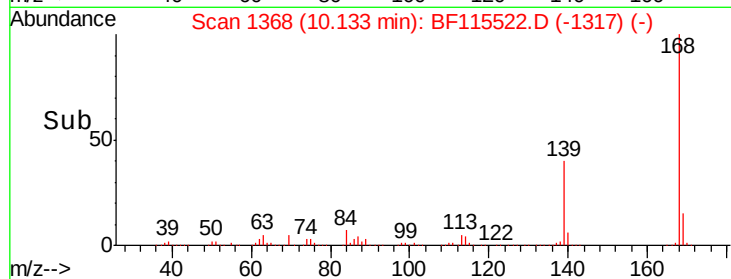
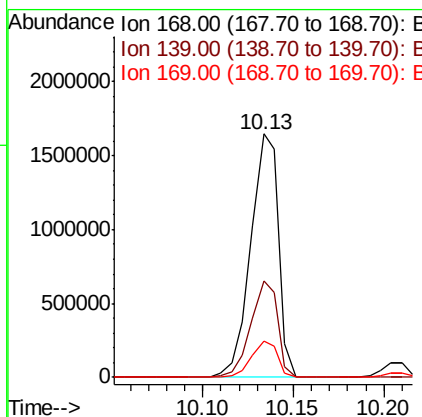
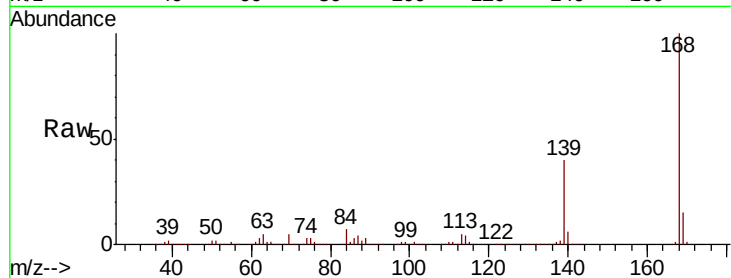




#55
Dibenzenofuran
Concen: 56.857 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

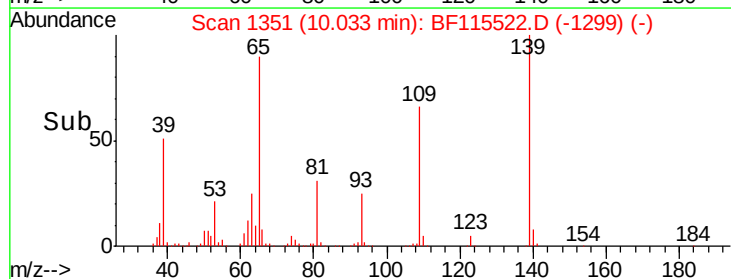
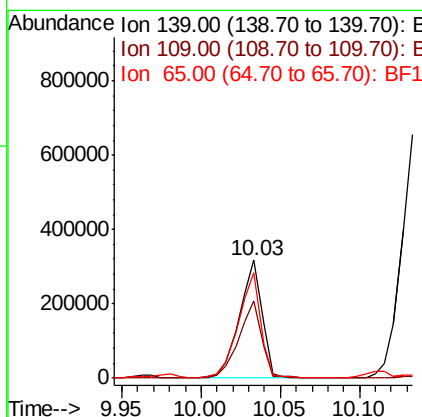
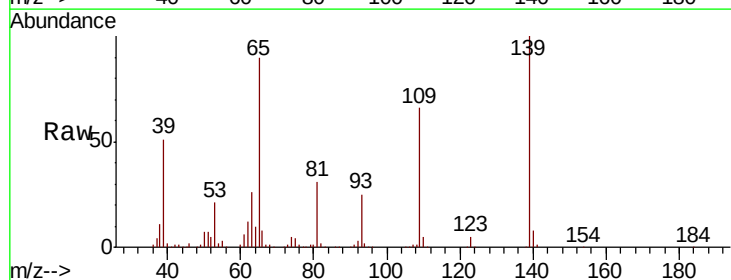
Instrument :
BNA_F
ClientSampleId :

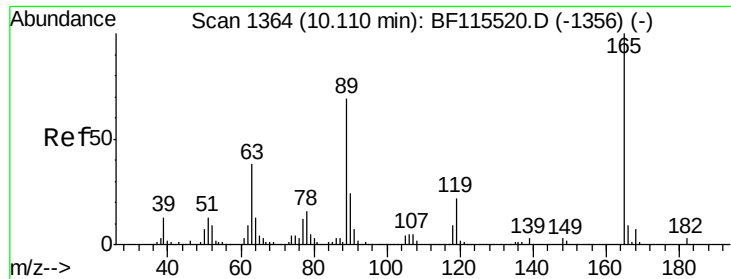
Tot Ion:168 Resp: 1750901
Ion Ratio Lower Upper
168 100
139 39.8 31.1 46.7
169 14.8 11.1 16.7



#56
4-Nitrophenol
Concen: 61.122 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

Tgt Ion:139 Resp: 315692
Ion Ratio Lower Upper
139 100
109 66.0 45.5 85.5
65 90.0 70.7 110.7

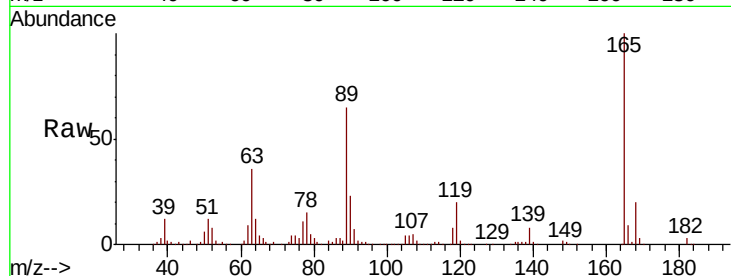




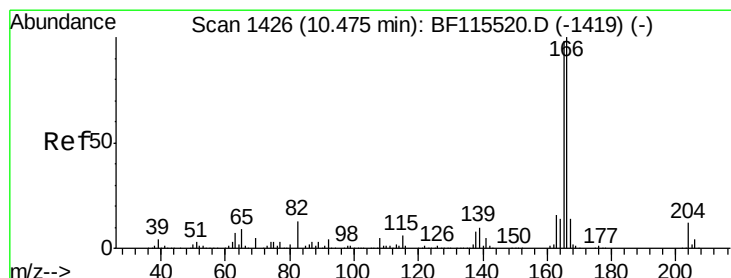
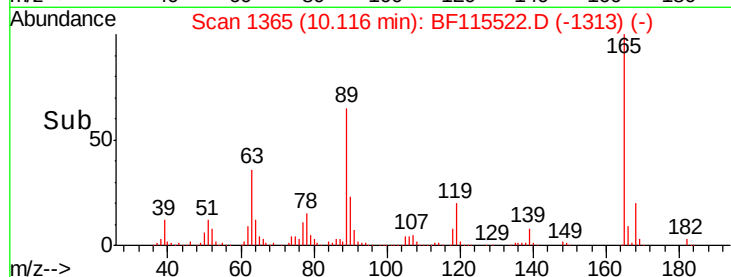
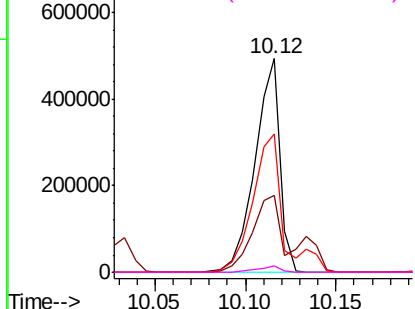
#57
2,4-Dinitrotoluene
Concen: 64.528 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 471361
Ion Ratio Lower Upper
165 100
63 35.8 31.0 46.4
89 65.0 55.3 82.9
182 2.7 2.3 3.5

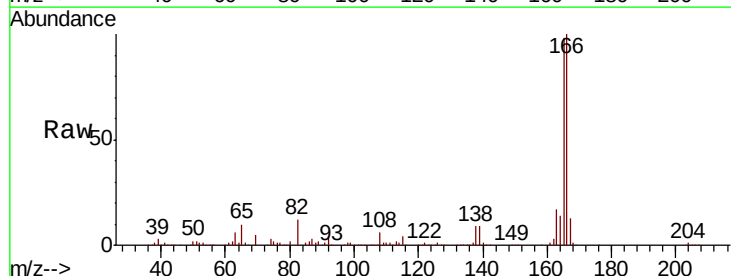


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

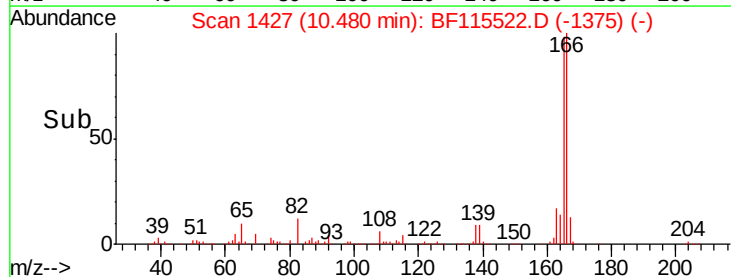
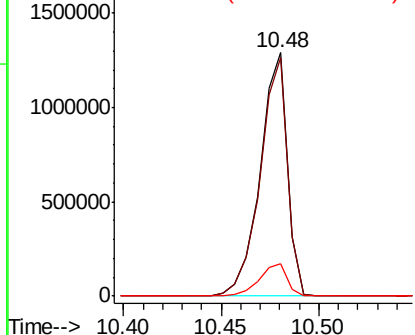


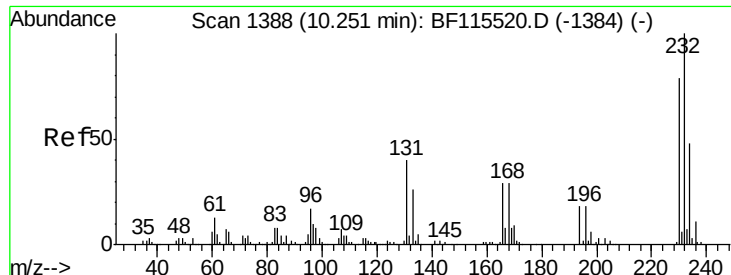
#58
Fluorene
Concen: 51.341 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

Tgt Ion:166 Resp: 1246317
Ion Ratio Lower Upper
166 100
165 97.7 78.7 118.1
167 13.5 11.2 16.8



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

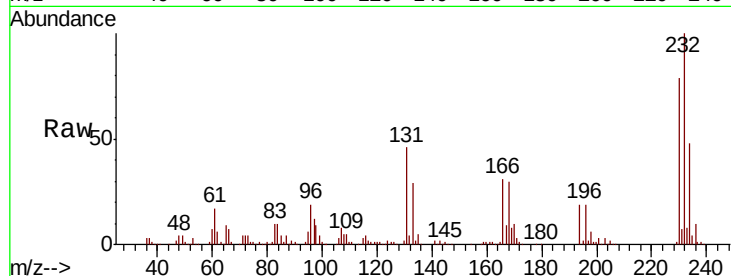




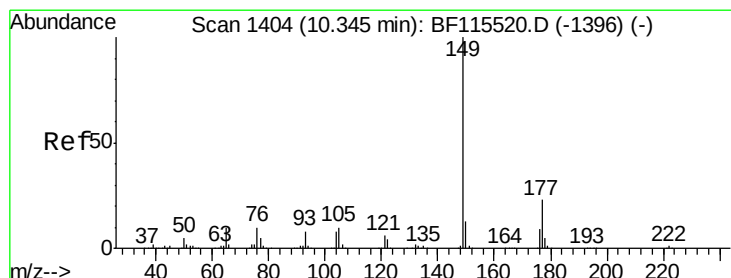
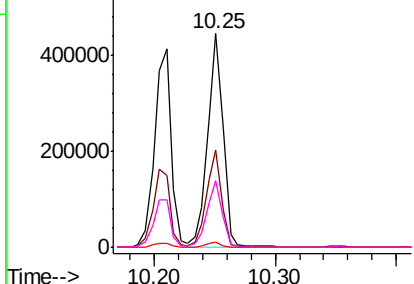
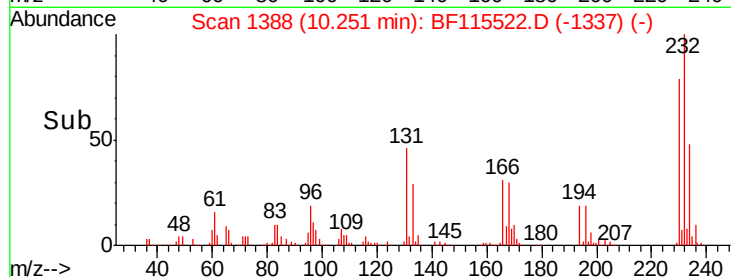
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 58.838 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 389778
 Ion Ratio Lower Upper
 232 100
 131 44.8 35.6 53.4
 130 2.3 1.7 2.5
 166 30.7 24.5 36.7

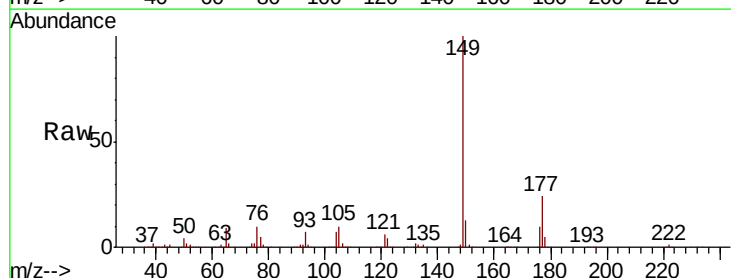


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

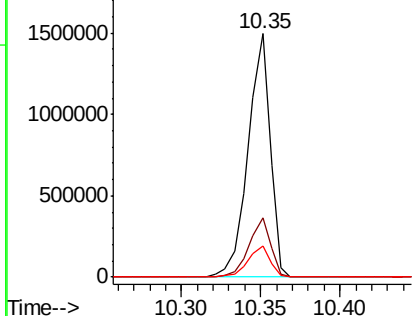
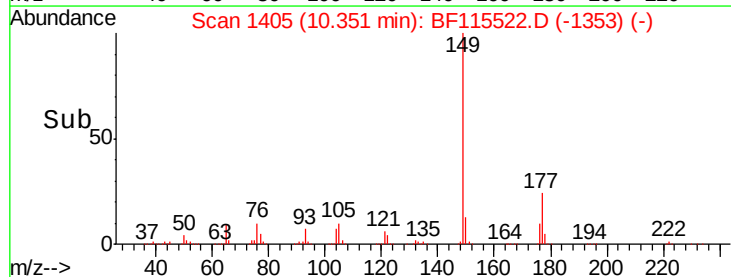


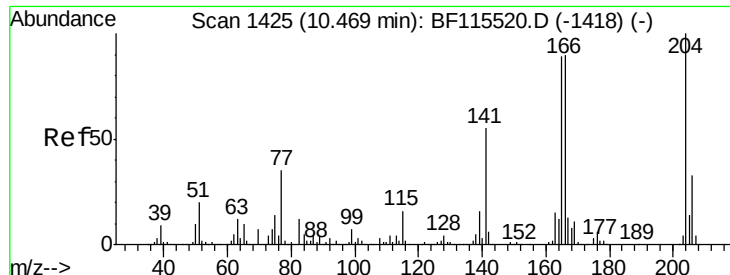
#60
 Diethylphthalate
 Concen: 55.562 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.01 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

Tgt Ion:149 Resp: 1449415
 Ion Ratio Lower Upper
 149 100
 177 24.2 18.7 28.1
 150 12.9 10.3 15.5



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

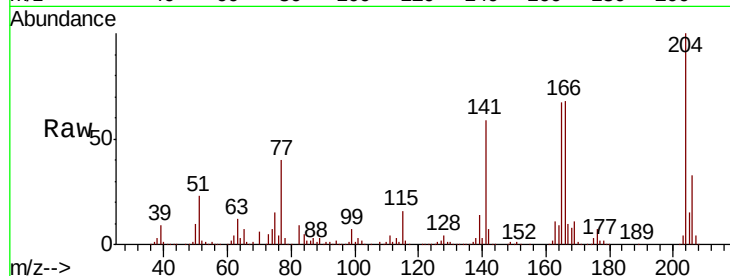




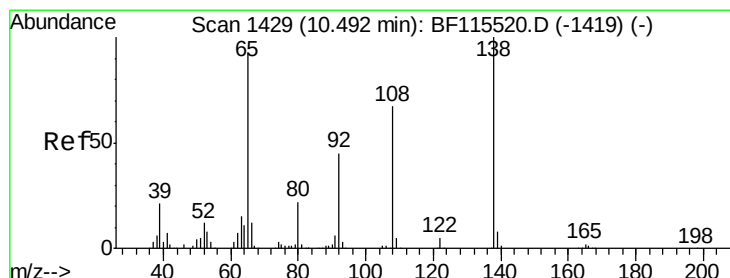
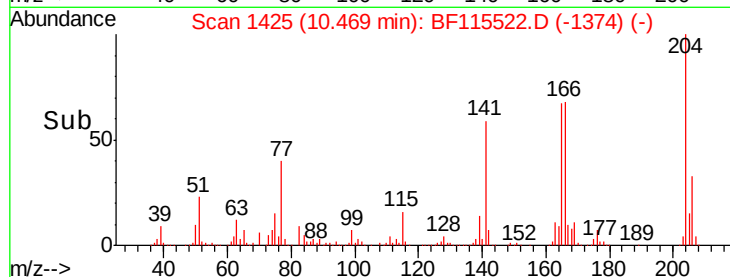
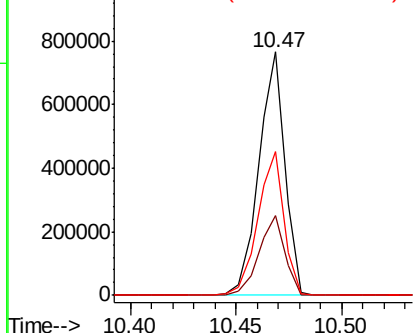
#61
 4-Chlorophenyl-phenylether
 Concen: 55.375 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 656093
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.7 40.1
 141 59.0 44.2 66.2

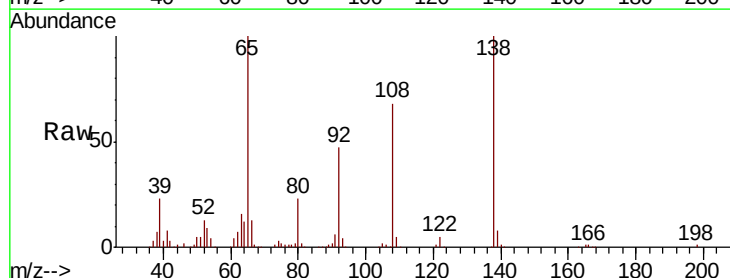


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

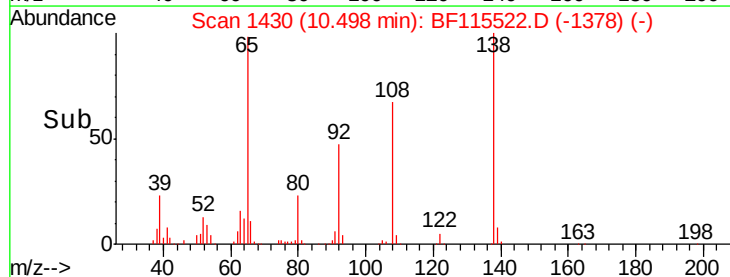
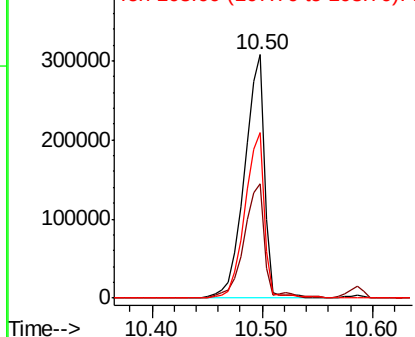


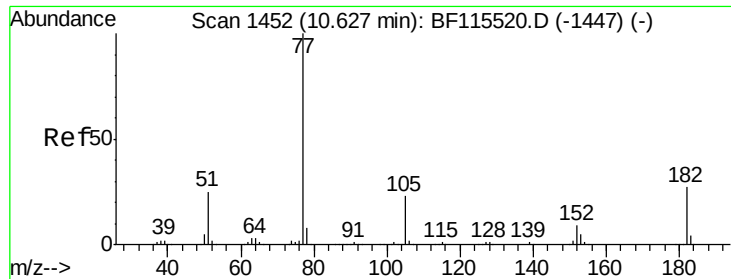
#62
 4-Nitroaniline
 Concen: 60.312 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

Tgt Ion:138 Resp: 395212
 Ion Ratio Lower Upper
 138 100
 92 46.8 25.1 65.1
 108 67.8 46.7 86.7



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

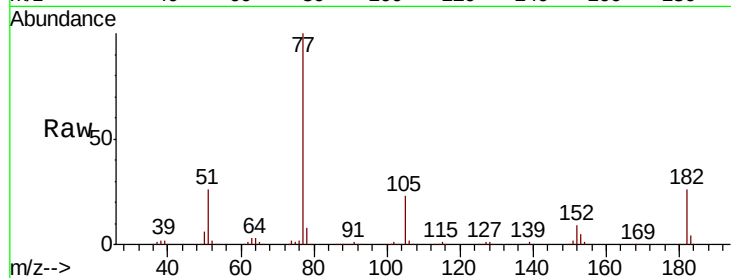




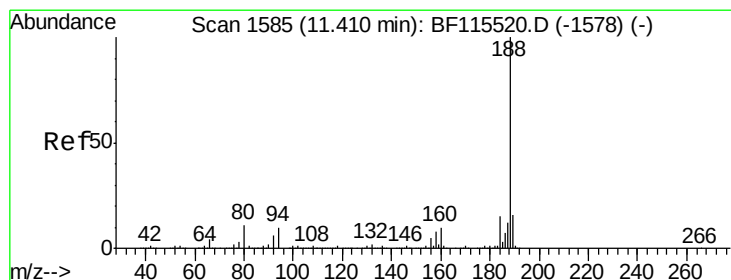
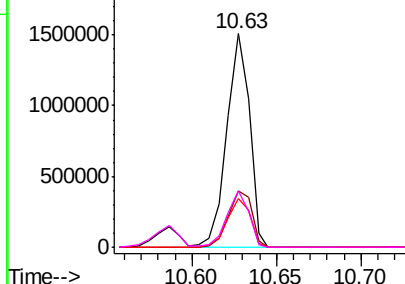
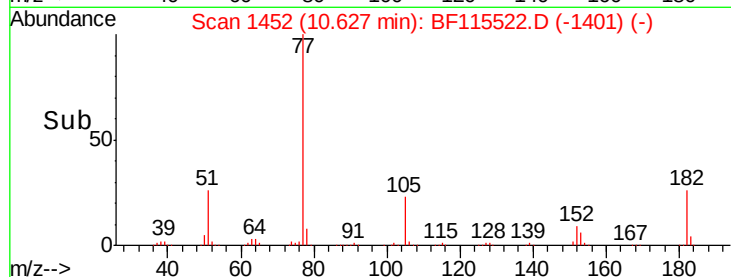
#63
Azobenzene
Concen: 52.189 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1403383
Ion Ratio Lower Upper
77 100
182 26.2 6.6 46.6
105 23.1 3.2 43.2
51 26.2 5.4 45.4

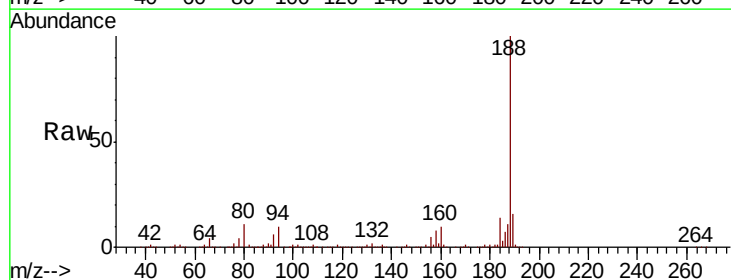


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

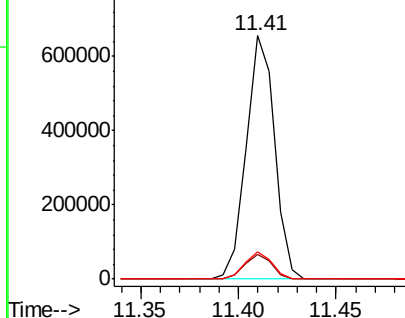
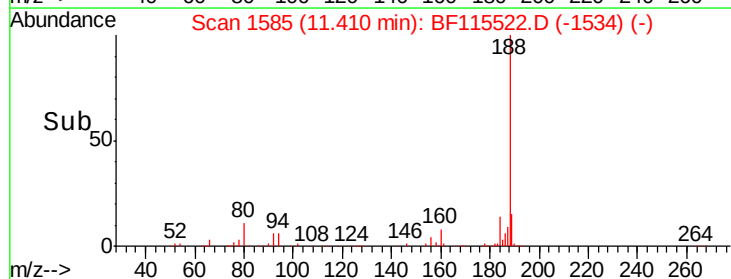


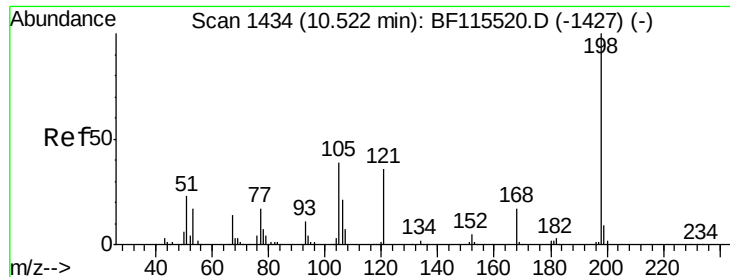
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

Tgt Ion: 188 Resp: 660173
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.2 9.0 13.4



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

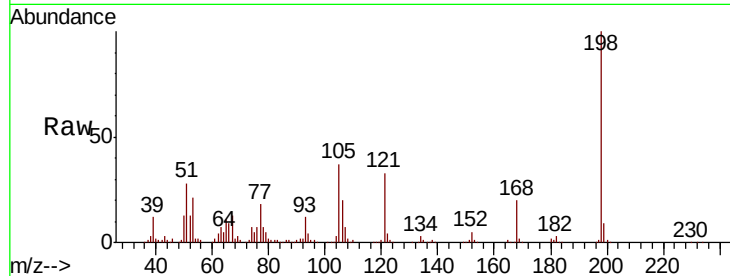




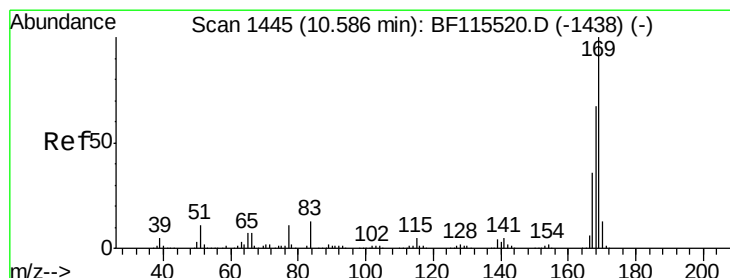
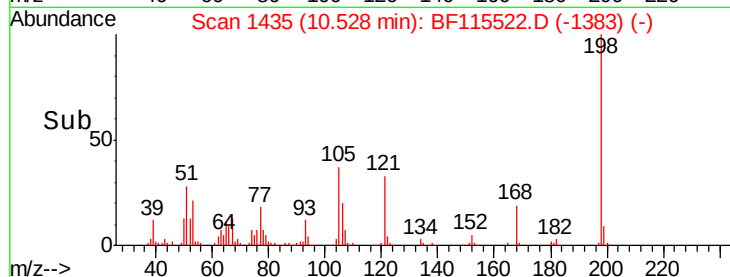
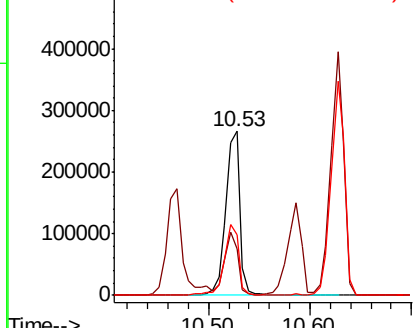
#65
4,6-Dinitro-2-methylphenol
Concen: 89.981 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 258069
Ion Ratio Lower Upper
198 100
51 28.3 12.0 52.0
105 36.8 19.5 59.5

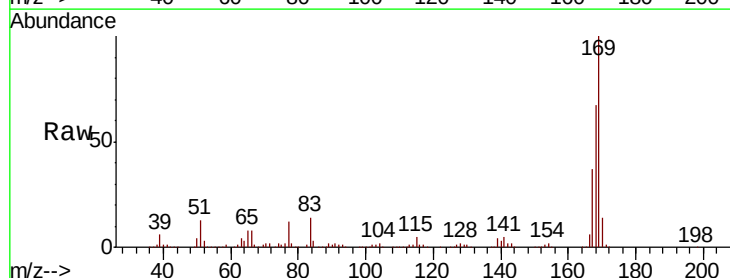


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

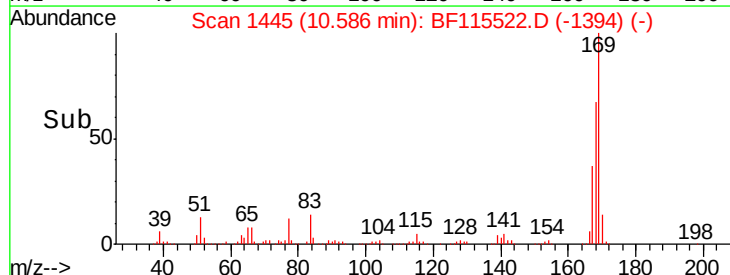
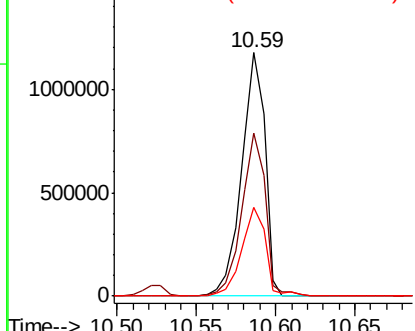


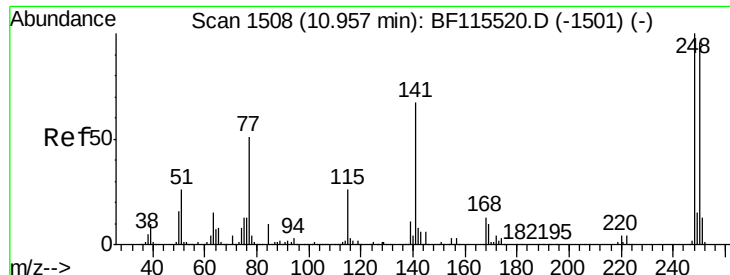
#66
n-Nitrosodiphenylamine
Concen: 57.482 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

Tgt Ion:169 Resp: 1195686
Ion Ratio Lower Upper
169 100
168 67.1 53.5 80.3
167 36.5 28.9 43.3



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

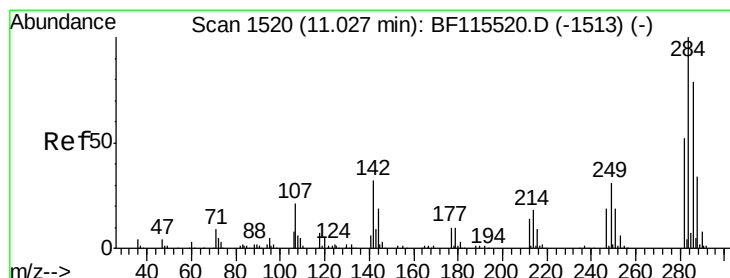
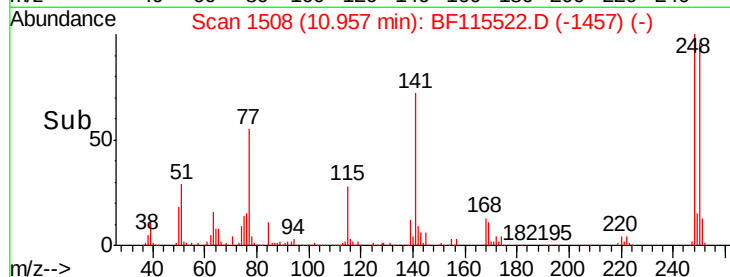
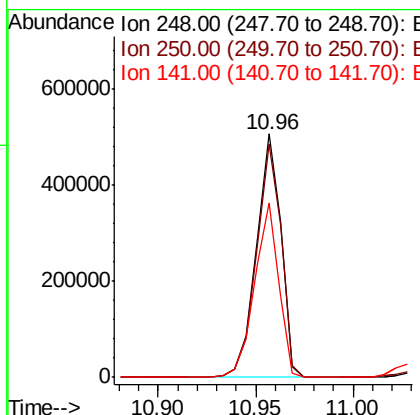
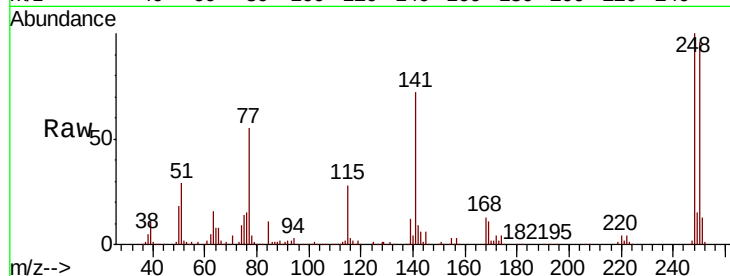




#67
 4-Bromophenyl-phenylether
 Concen: 59.622 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

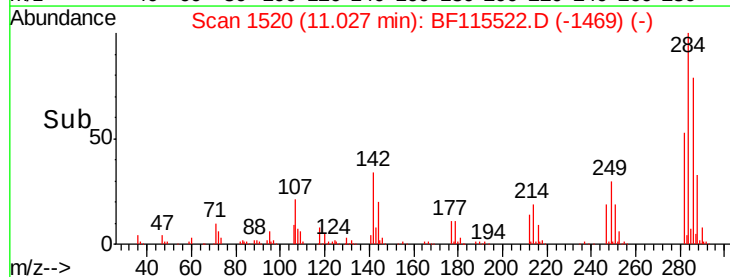
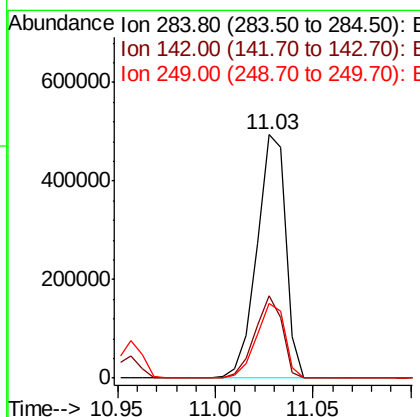
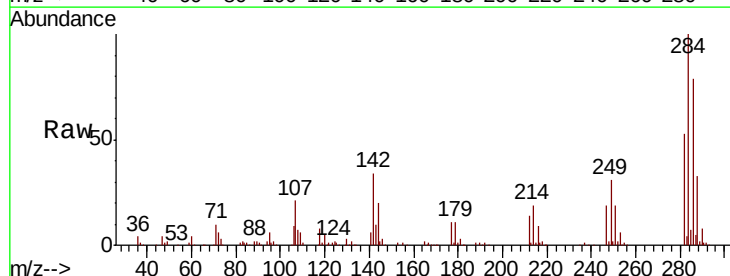
Instrument :
 BNA_F
 ClientSampleId :

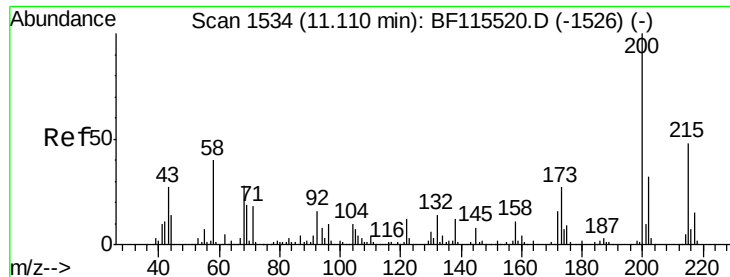
Tot Ion:248 Resp: 441658
 Ion Ratio Lower Upper
 248 100
 250 96.1 76.6 115.0
 141 71.8 53.7 80.5



#68
 Hexachlorobenzene
 Concen: 60.923 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

Tgt Ion:284 Resp: 506410
 Ion Ratio Lower Upper
 284 100
 142 34.1 25.8 38.8
 249 30.5 24.4 36.6





#69

Atrazine

Concen: 54.963 ng

RT: 11.11 min Scan# 1534

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

Instrument :

BNA_F

ClientSampleId :

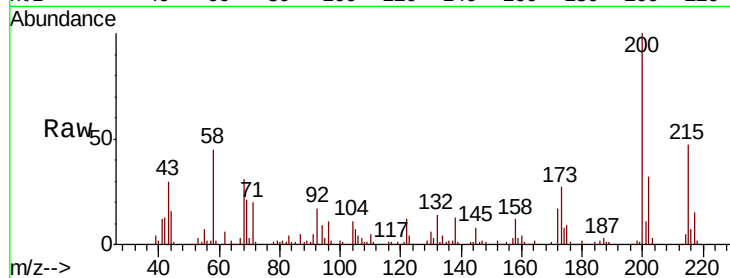
Tot Ion:200 Resp: 353817

Ion Ratio Lower Upper

200 100

173 27.3 6.9 46.9

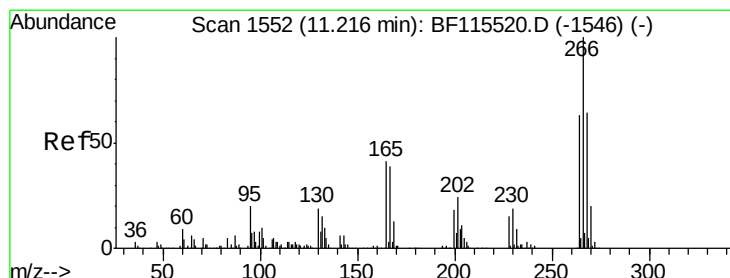
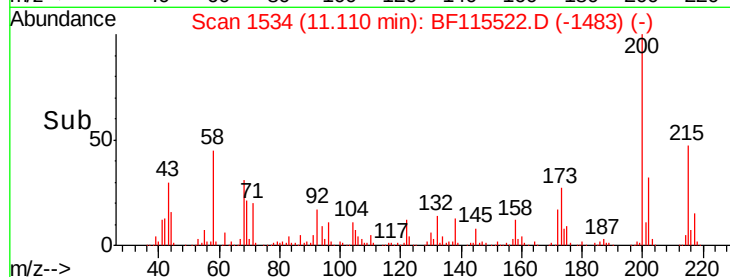
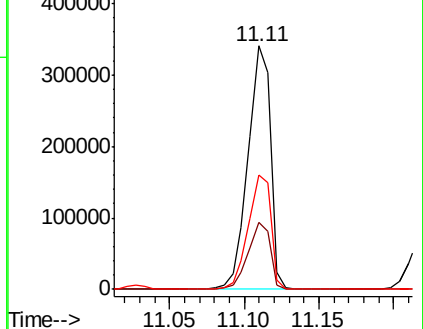
215 46.8 27.9 67.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 62.021 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

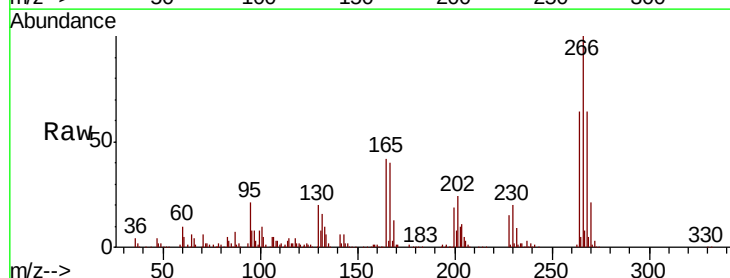
Tgt Ion:266 Resp: 314184

Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.6

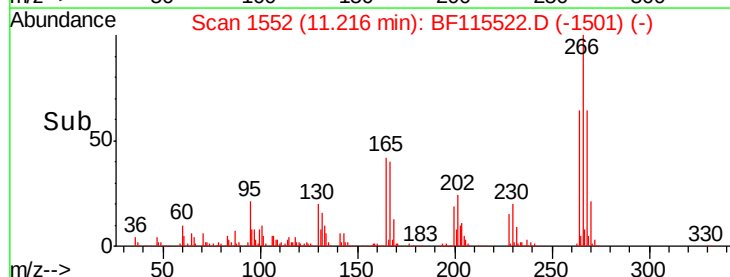
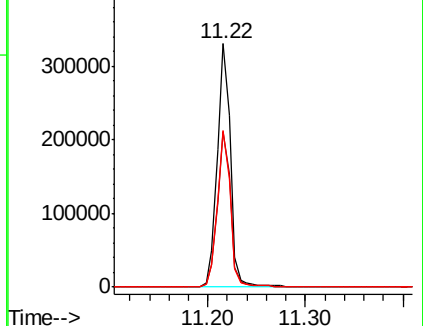
264 64.5 50.2 75.2

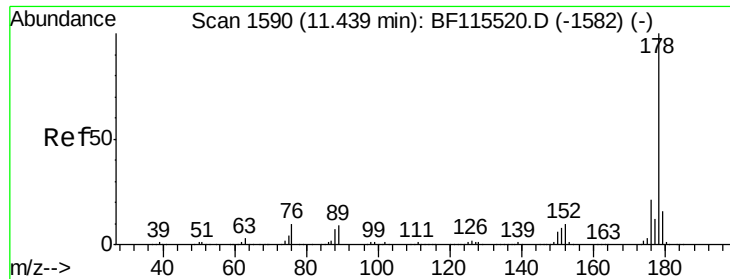


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 56.143 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

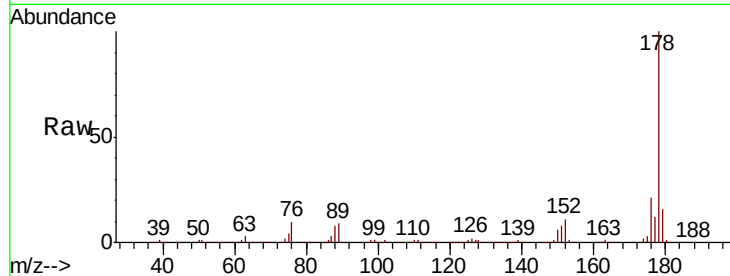
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1949286

Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.5	24.7
179	16.3	12.8	19.2

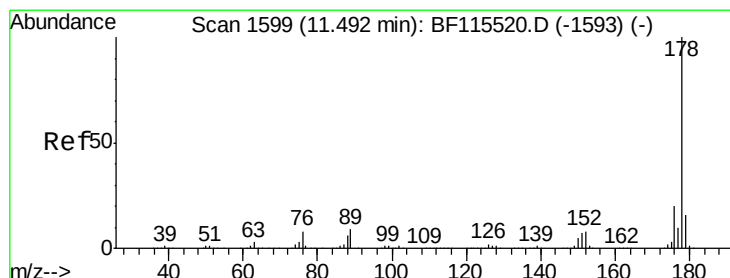
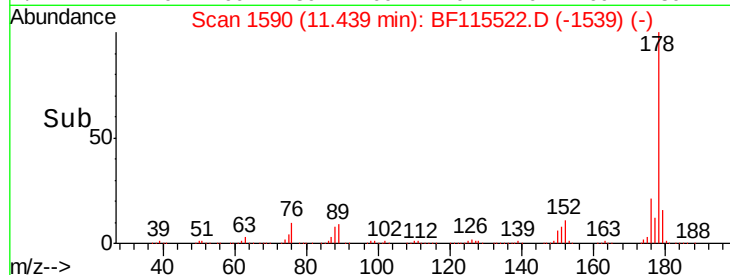
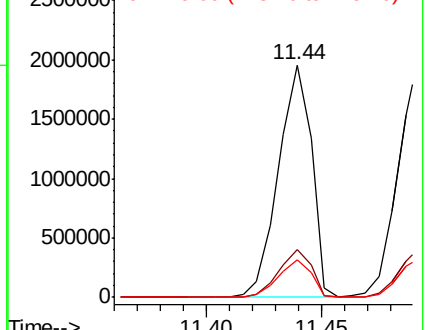


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 55.842 ng

RT: 11.49 min Scan# 1599

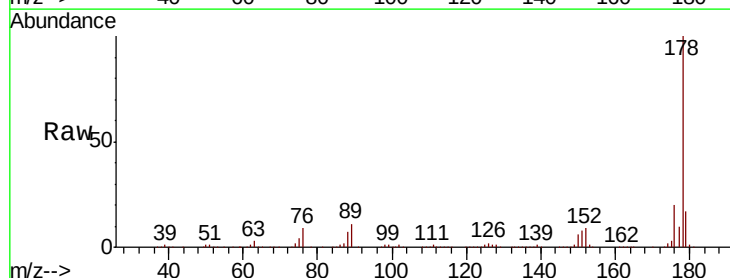
Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

Tgt Ion:178 Resp: 1944212

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.9	23.9
179	16.6	12.7	19.1

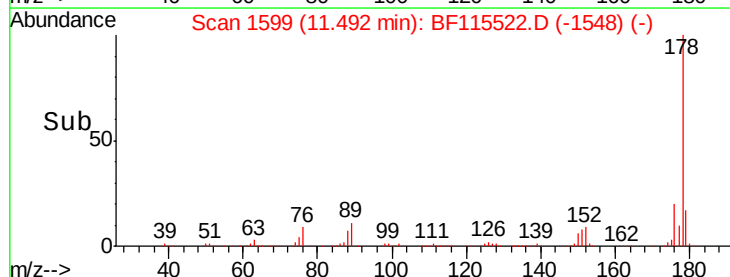
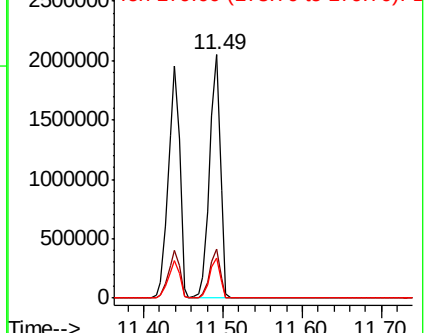


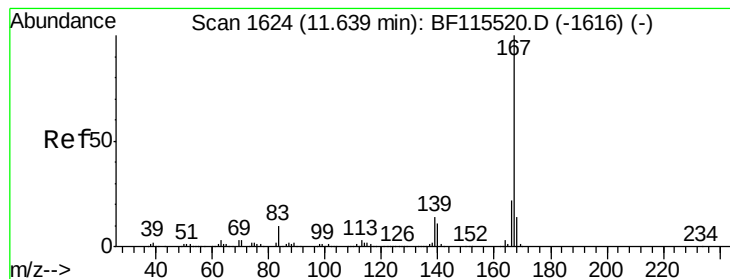
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 55.577 ng

RT: 11.64 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

Instrument :

BNA_F

ClientSampleId :

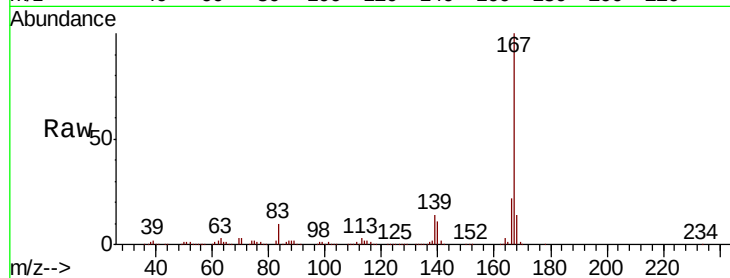
Tot Ion:167 Resp: 1770230

Ion Ratio Lower Upper

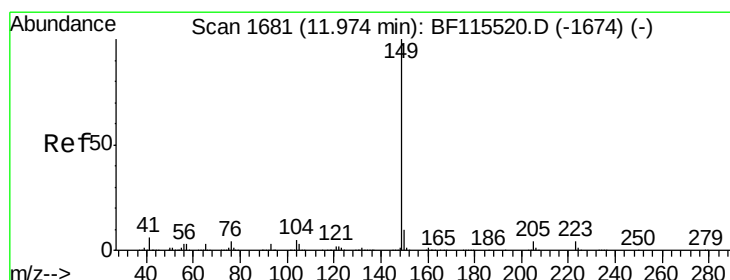
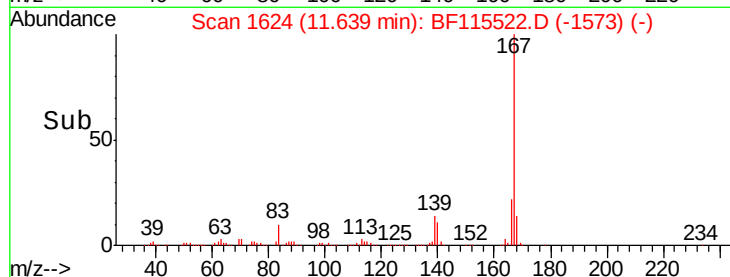
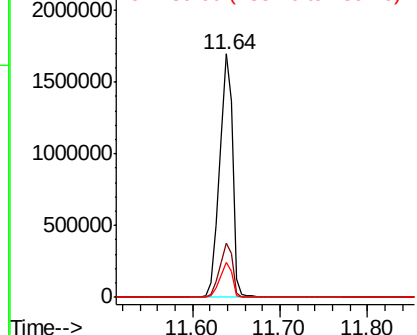
167 100

166 22.2 17.9 26.9

139 14.3 11.0 16.6



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 53.980 ng

RT: 11.97 min Scan# 1681

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

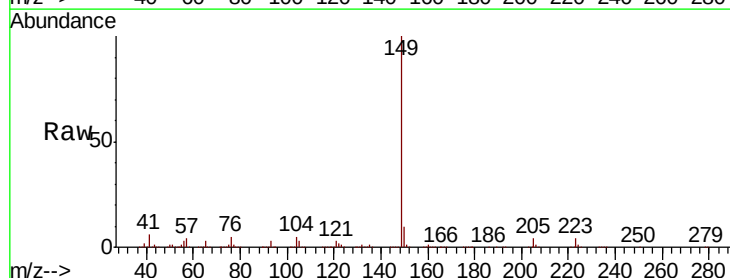
Tgt Ion:149 Resp: 2077921

Ion Ratio Lower Upper

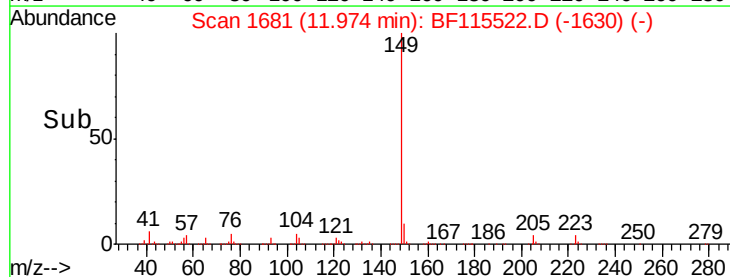
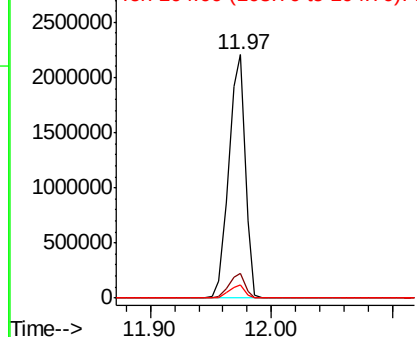
149 100

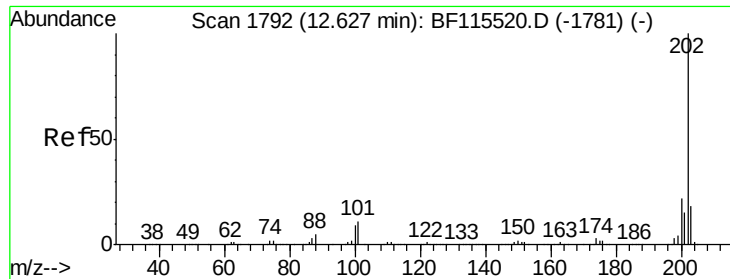
150 10.1 7.7 11.5

104 5.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

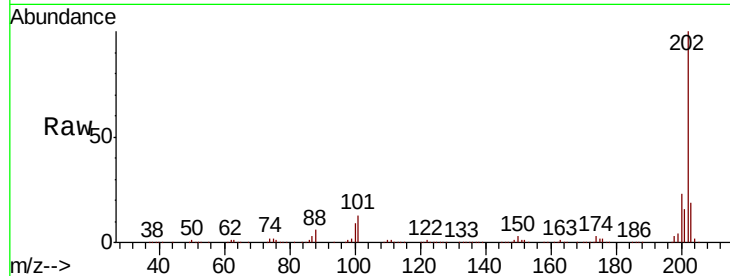




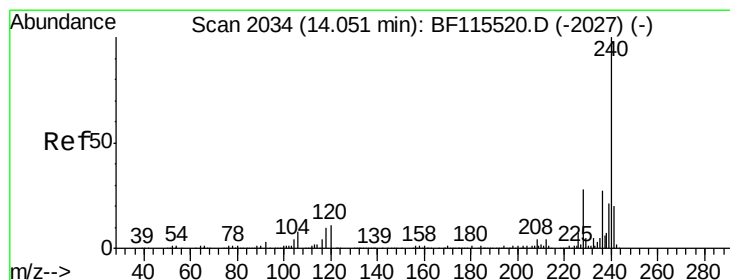
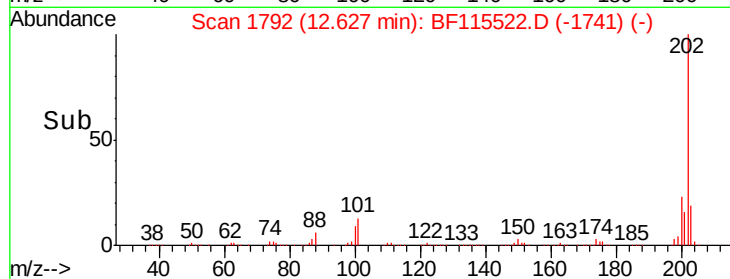
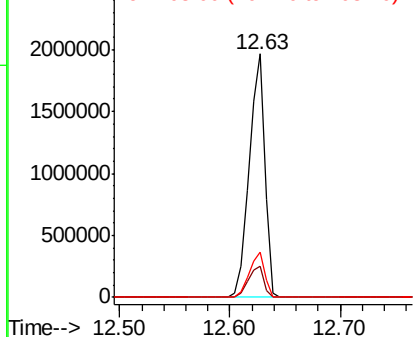
#75
 Fluoranthene
 Concen: 53.653 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1961416
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 31.4
 203 18.7 0.0 38.1

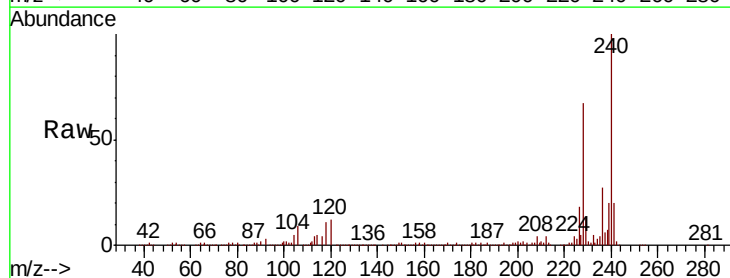


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

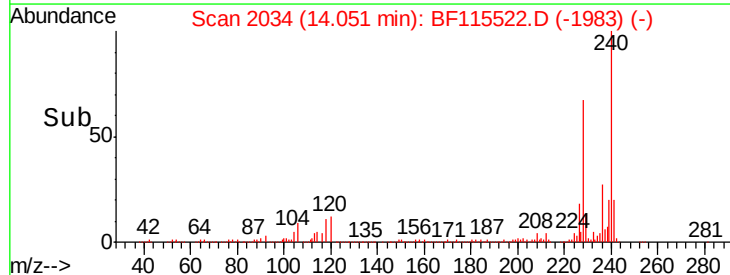
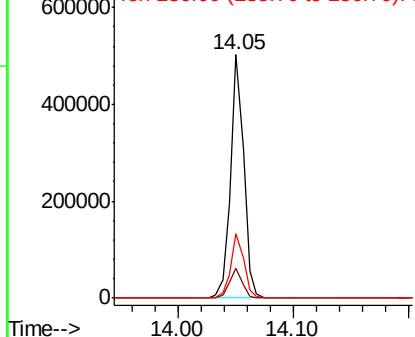


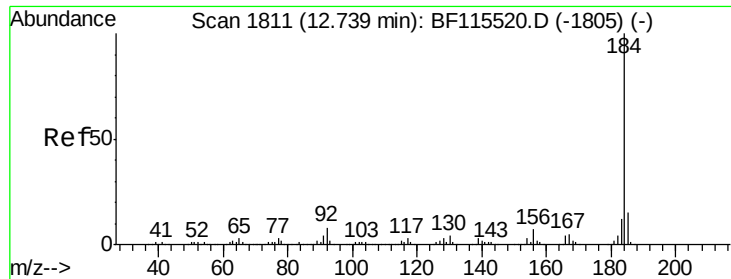
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

Tgt Ion:240 Resp: 396844
 Ion Ratio Lower Upper
 240 100
 120 12.1 9.1 13.7
 236 26.7 21.4 32.2



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: 41.491 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

Instrument :

BNA_F

ClientSampled :

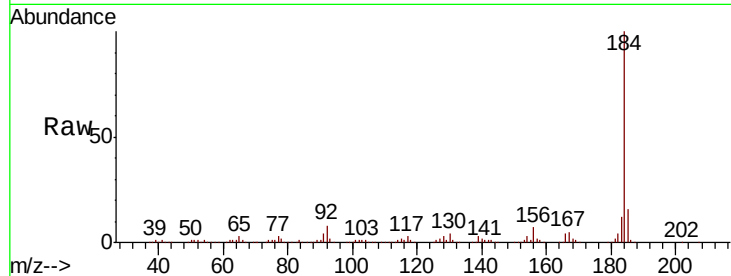
Tot Ion:184 Resp: 642097

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.0	18.0
183	11.8	9.3	13.9

184 100

185 15.6 12.0 18.0

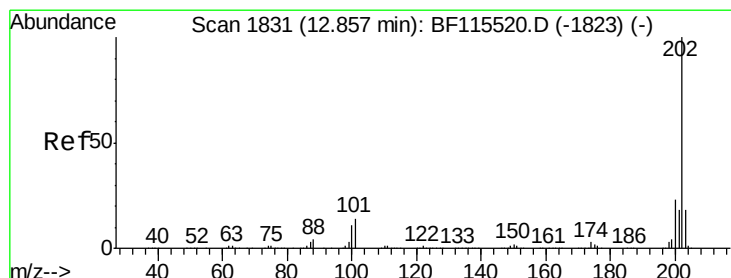
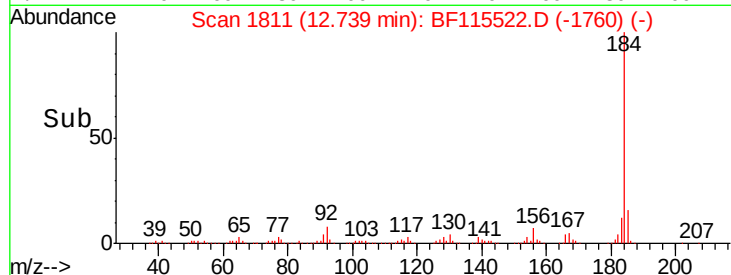
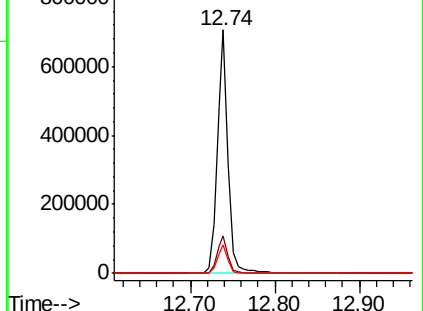
183 11.8 9.3 13.9



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: 63.784 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

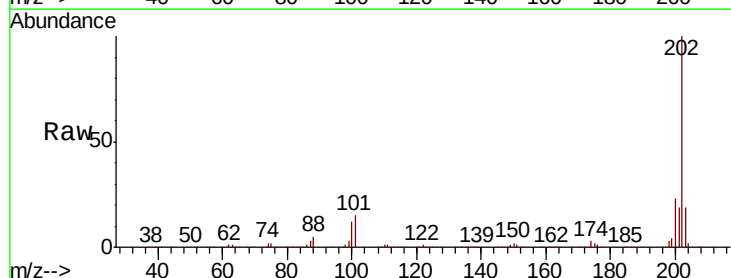
Tgt Ion:202 Resp: 1968415

Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.0	27.0
203	19.0	14.6	21.8

202 100

200 22.9 18.0 27.0

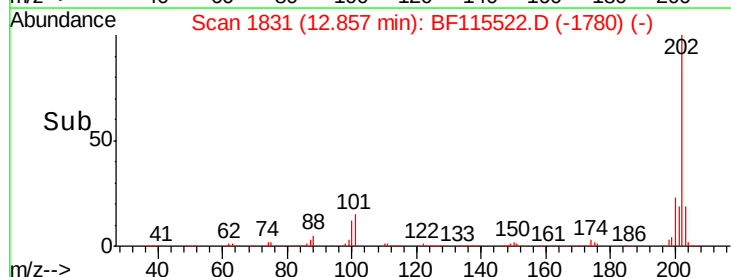
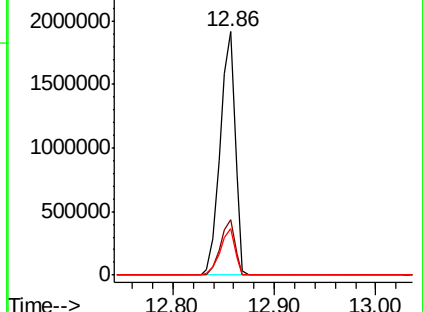
203 19.0 14.6 21.8

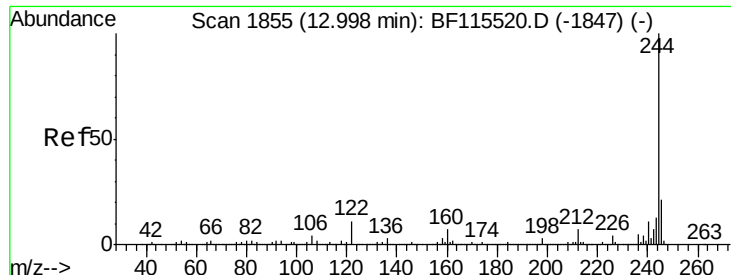


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



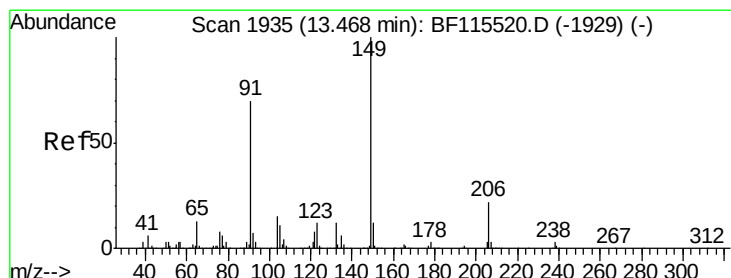
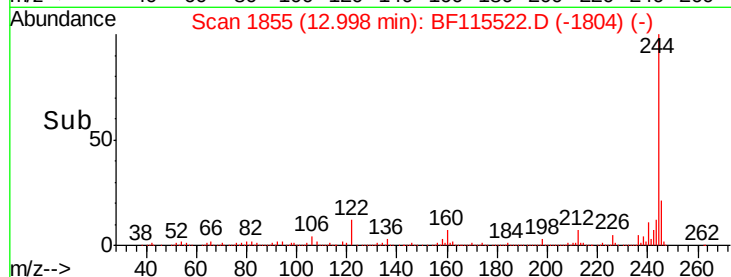
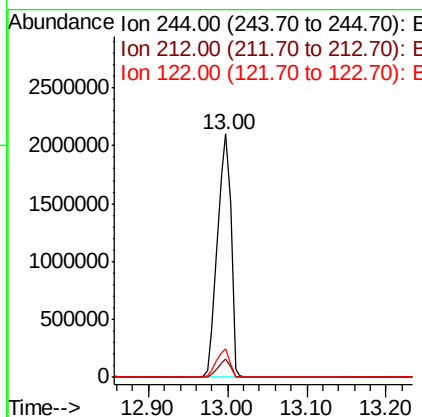
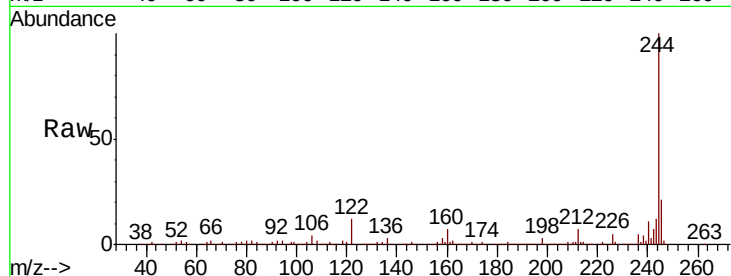


#79
 Terphenyl-d14
 Concen: 128.485 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2490280

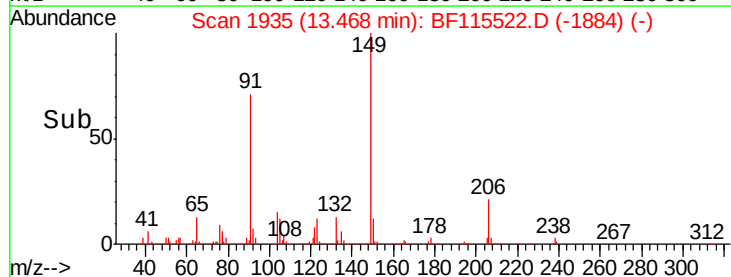
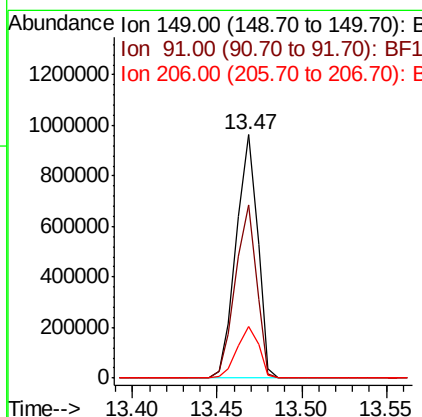
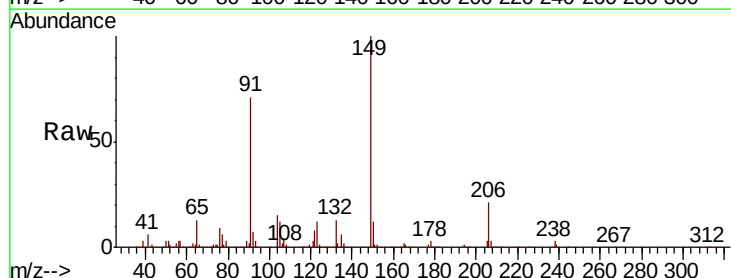
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	11.6	9.0	13.4

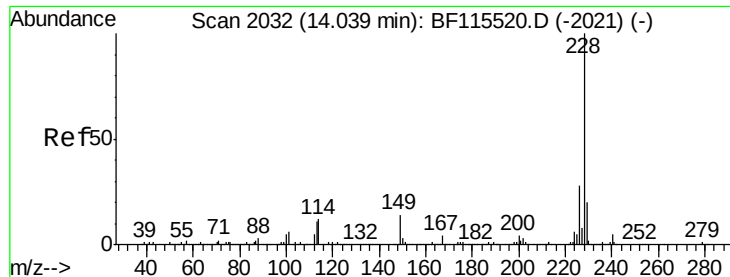


#80
 Butylbenzylphthalate
 Concen: 63.475 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. 0.00 min
 Lab File: BF115522.D
 Acq: 12 Jul 2019 11:21

Tgt Ion:149 Resp: 855871

Ion	Ratio	Lower	Upper
149	100		
91	71.2	56.1	84.1
206	21.4	17.4	26.2





#81

Benzo(a)anthracene

Concen: 59.604 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

Instrument :

BNA_F

ClientSampleId :

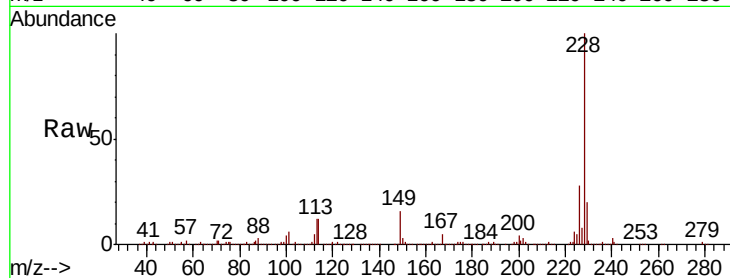
Tot Ion:228 Resp: 1515575

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.4
229	20.4	16.1	24.1

228 100

226 28.0 22.2 33.4

229 20.4 16.1 24.1

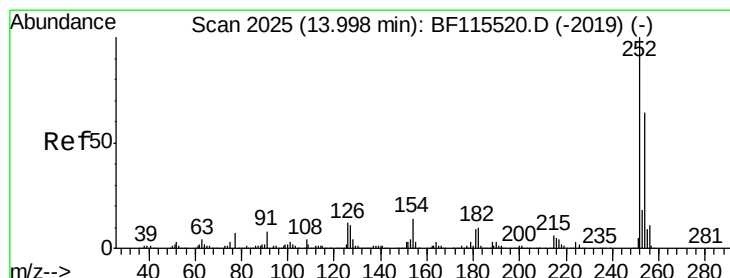
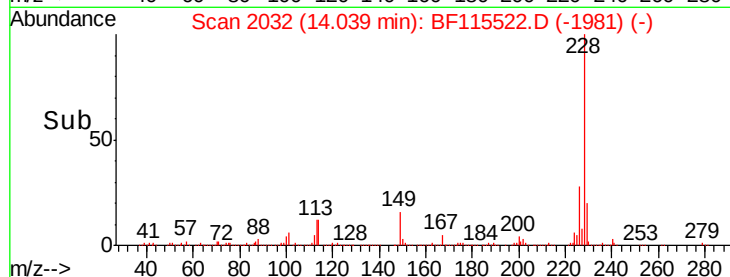
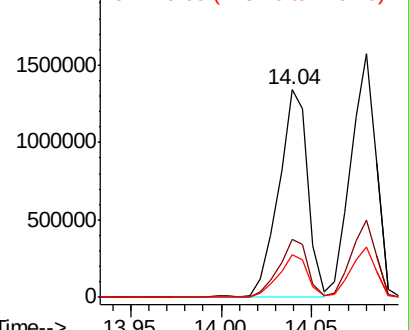


Abundance

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: 58.708 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

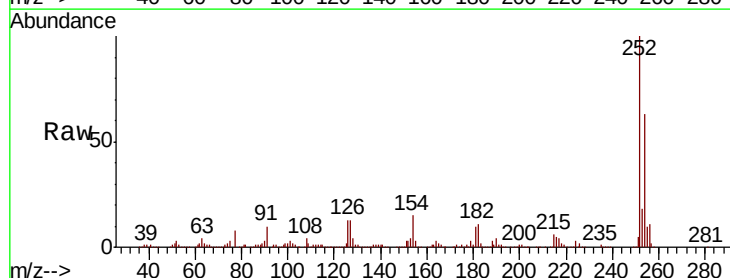
Tgt Ion:252 Resp: 541666

Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.1	76.7
126	13.0	9.4	14.2

252 100

254 63.3 51.1 76.7

126 13.0 9.4 14.2

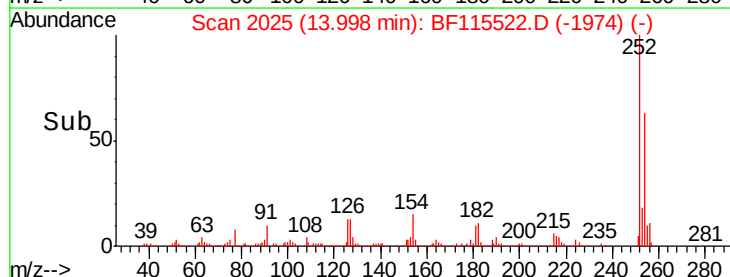
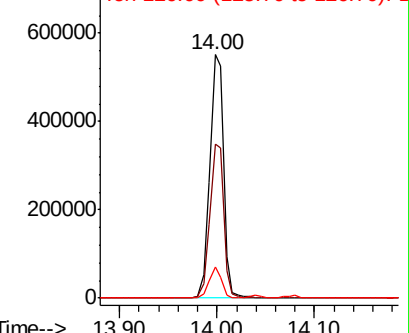


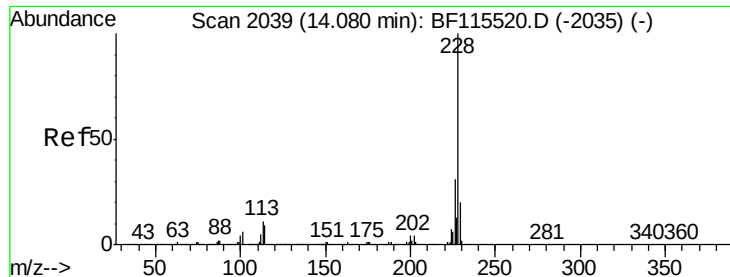
Abundance

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: 58.695 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

Instrument :

BNA_F

ClientSampleId :

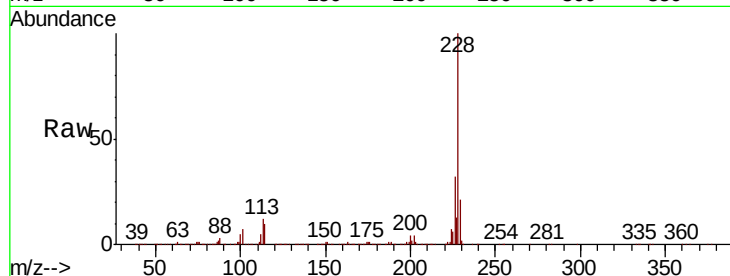
Tot Ion:228 Resp: 1533462

Ion Ratio Lower Upper

228 100

226 31.6 24.6 36.8

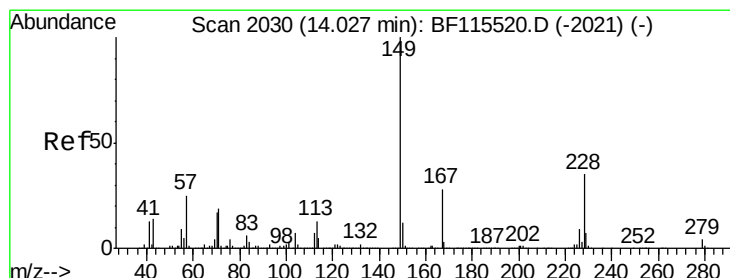
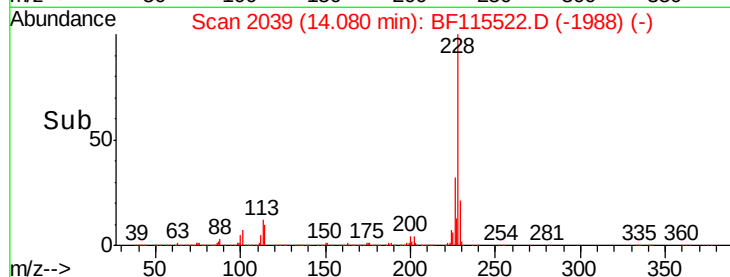
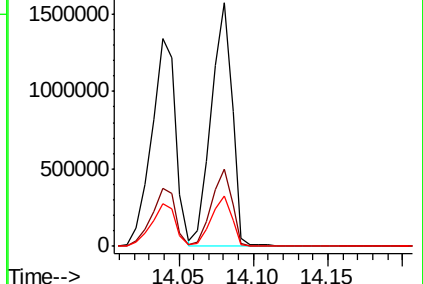
229 20.6 15.7 23.5



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: 61.307 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

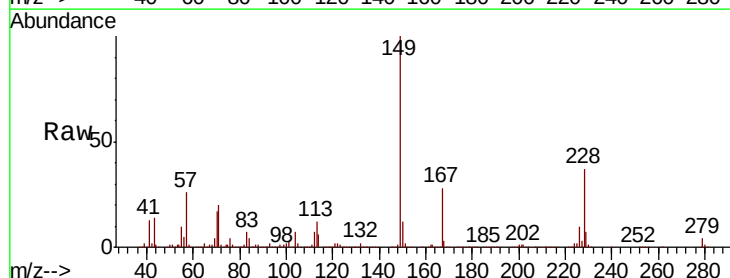
Tgt Ion:149 Resp: 1023721

Ion Ratio Lower Upper

149 100

167 28.5 22.2 33.4

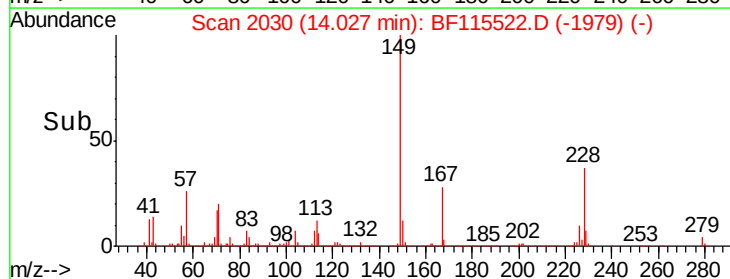
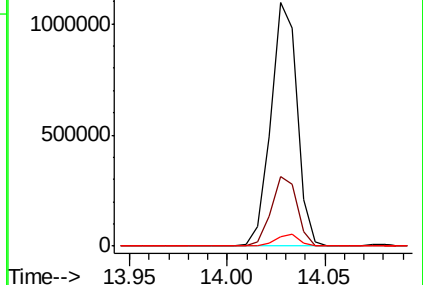
279 4.0 3.1 4.7

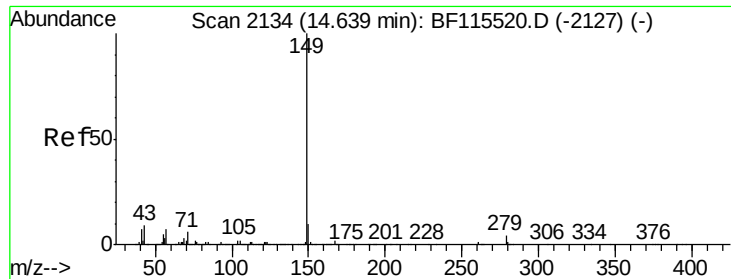


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.662 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

Instrument :

BNA_F

ClientSampleId :

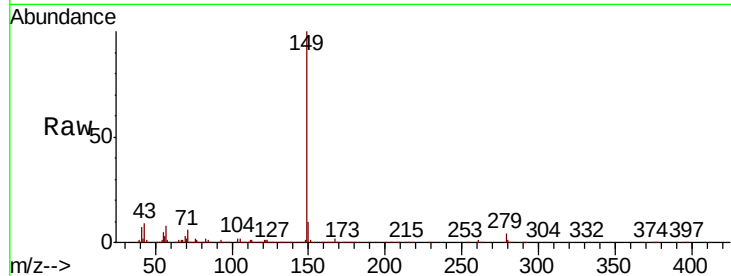
Tot Ion:149 Resp: 1654631

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

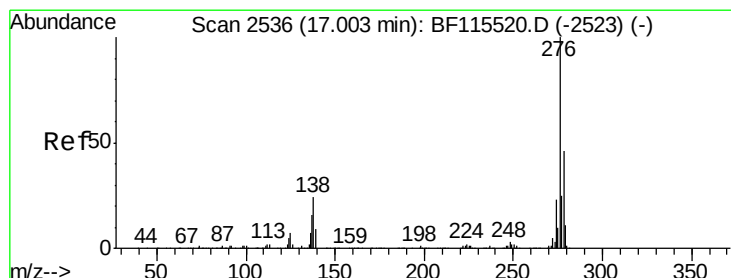
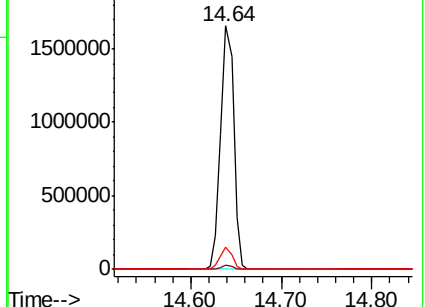
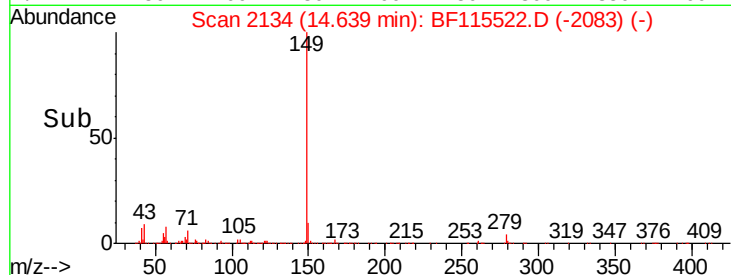
43 8.6 6.8 10.2



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: 56.682 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.00 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

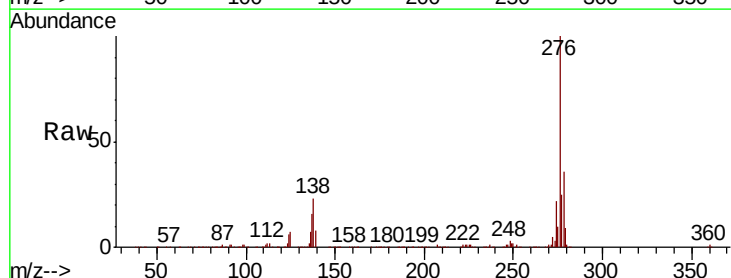
Tgt Ion:276 Resp: 1281617

Ion Ratio Lower Upper

276 100

138 25.3 20.0 30.0

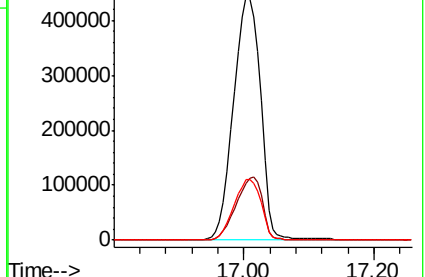
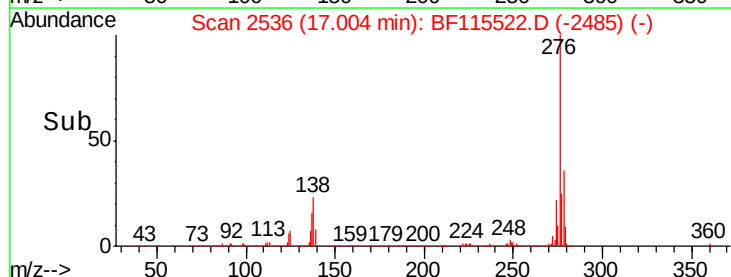
277 25.2 20.1 30.1

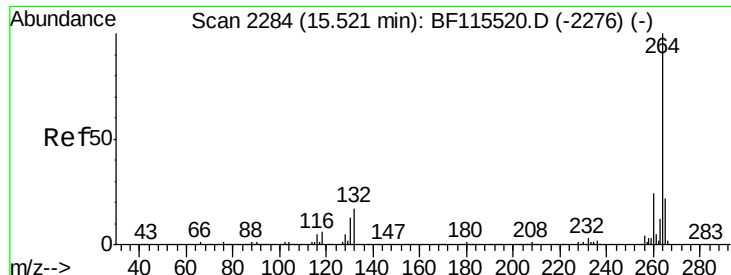


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



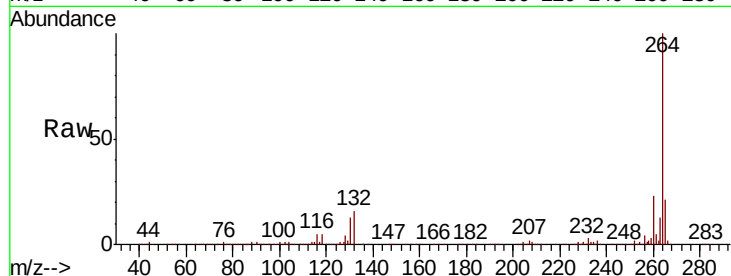


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

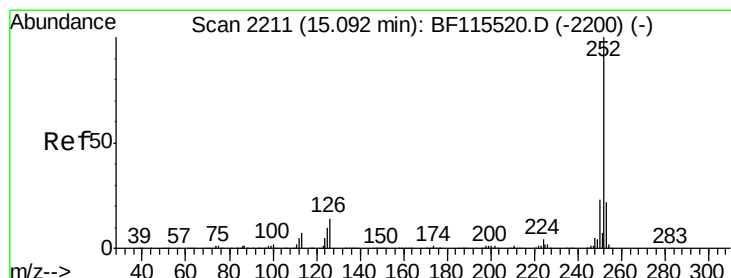
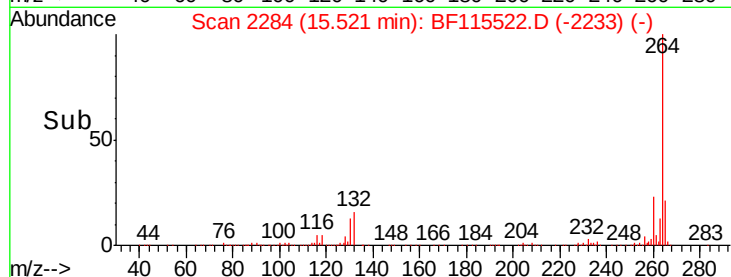
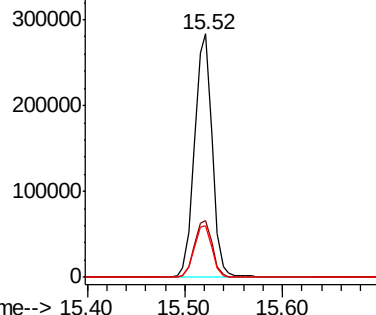
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 354506

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.5	17.2	25.8



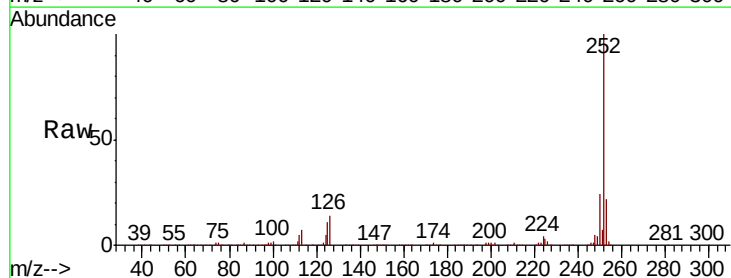
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



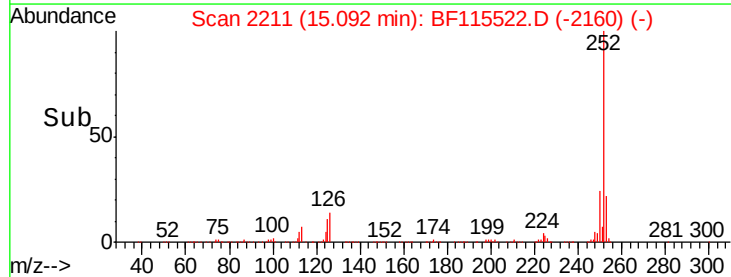
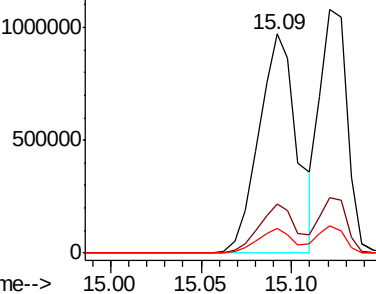
#88
Benzo(b)fluoranthene
Concen: 61.789 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

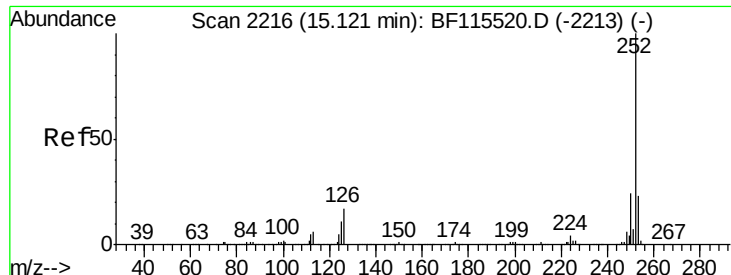
Tgt Ion:252 Resp: 1426182

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	11.0	8.3	12.5



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

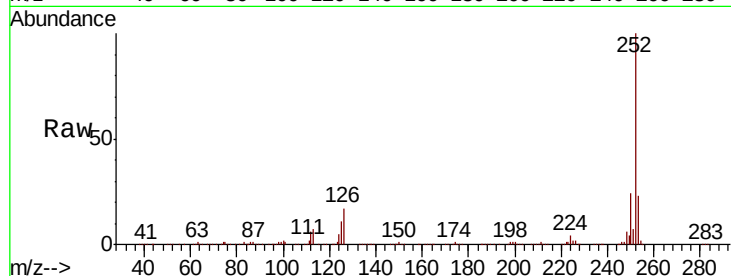




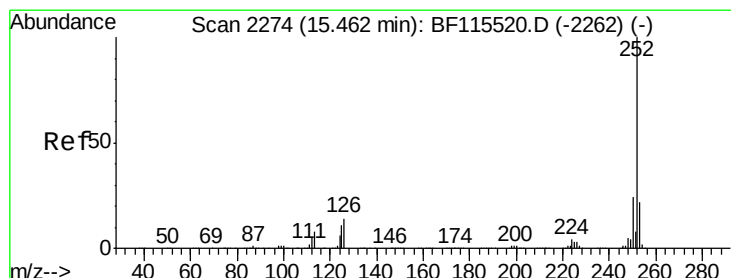
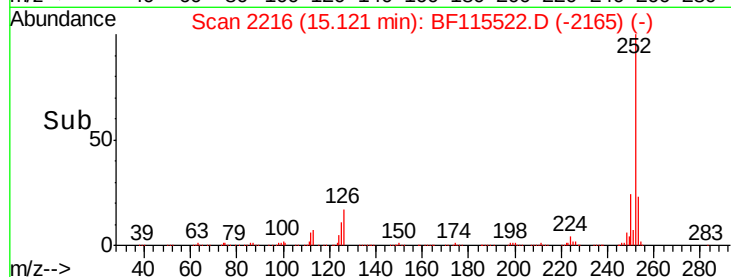
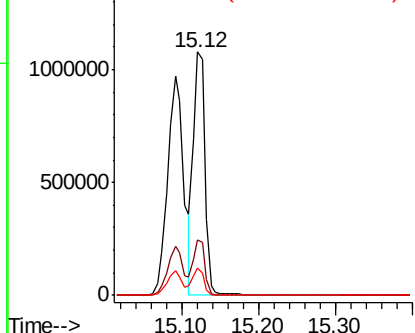
#89
Benzo(k)fluoranthene
Concen: 56.001 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1149545
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 11.4 8.7 13.1

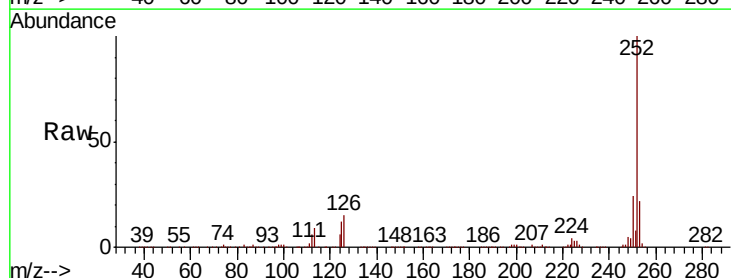


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

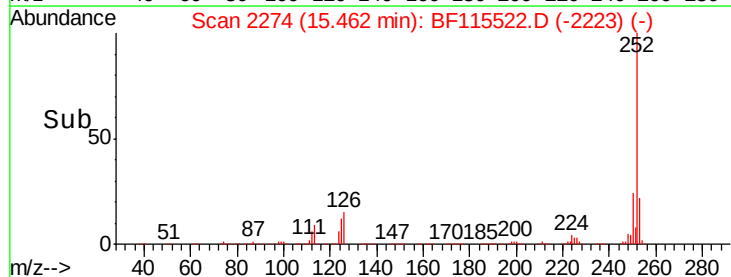
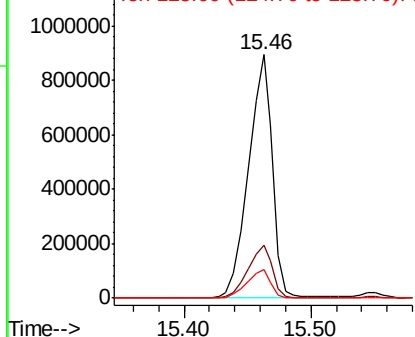


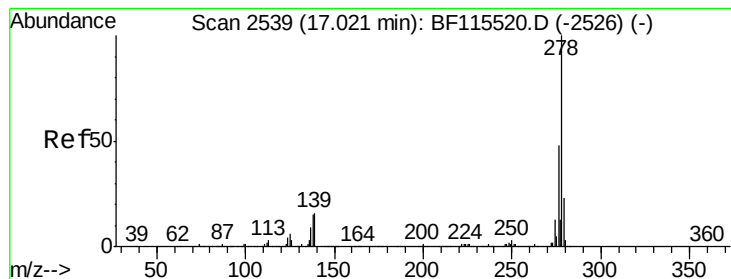
#90
Benzo(a)pyrene
Concen: 58.792 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF115522.D
Acq: 12 Jul 2019 11:21

Tgt Ion:252 Resp: 1170436
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 11.8 8.9 13.3



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





#91

Dibenzo(a,h)anthracene

Concen: 61.143 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

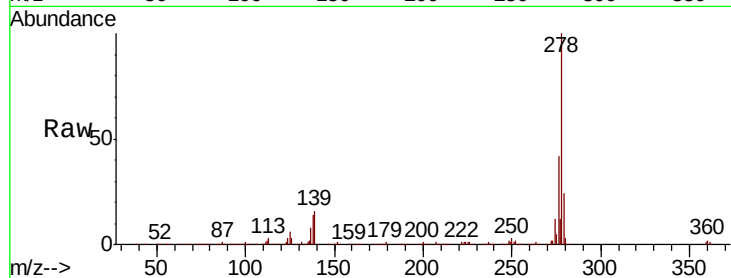
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1040155

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.8	19.2
279	24.5	18.8	28.2

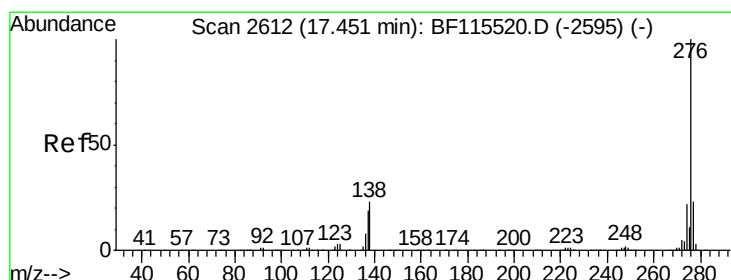
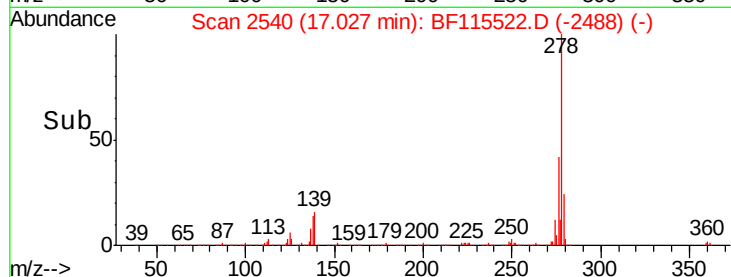
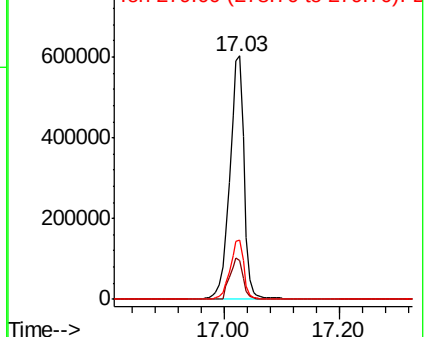


Abundance

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: 64.595 ng

RT: 17.46 min Scan# 2613

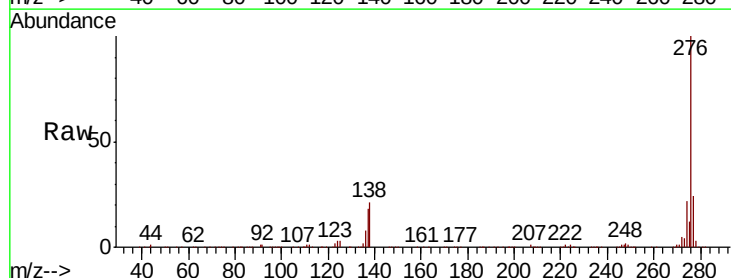
Delta R.T. 0.01 min

Lab File: BF115522.D

Acq: 12 Jul 2019 11:21

Tgt Ion:276 Resp: 1040114

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.5	27.7
138	21.2	18.0	27.0



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

