

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115572.D
 Acq On : 15 Jul 2019 22:20
 Operator : HP/JU
 Sample : K3768-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Quant Time: Jul 16 04:52:23 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 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	222587	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	888928	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	446295	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	861674	20.00	ng	0.00
76) Chrysene-d12	14.04	240	578433	20.00	ng	-0.01
87) Perylene-d12	15.50	264	552234	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1262543	92.78	ng	0.01
7) Phenol-d6	6.52	99	1722456	99.75	ng	0.00
23) Nitrobenzene-d5	7.45	82	1082200	70.79	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	524598	100.70	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1952173	76.56	ng	-0.01
79) Terphenyl-d14	12.99	244	2062614	65.80	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.76	88	191854	28.264	ng	99
3) Pyridine	3.56	79	28139	1.528	ng	98
4) n-Nitrosodimethylamine	3.45	42	223232	33.413	ng	95
6) Aniline	6.55	93	274675	11.431	ng	97
8) 2-Chlorophenol	6.67	128	491750	31.431	ng	100
9) Benzaldehyde	6.43	77	296293	27.459	ng	100
10) Phenol	6.53	94	605215	30.193	ng	83
11) bis(2-Chloroethyl)ether	6.62	93	470719	30.845	ng	100
12) 1,3-Dichlorobenzene	6.83	146	525323	29.864	ng	98
13) 1,4-Dichlorobenzene	6.90	146	537214	30.609	ng	97
14) 1,2-Dichlorobenzene	7.06	146	492099	30.672	ng	96
15) Benzyl Alcohol	7.02	79	436676	31.880	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	600100	29.868	ng	97
17) 2-Methylphenol	7.13	107	421474	31.260	ng	98
18) Hexachloroethane	7.40	117	188201	28.890	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	340054	30.197	ng	99
20) 3+4-Methylphenols	7.28	107	497561	31.068	ng	92
22) Acetophenone	7.29	105	673093	33.517	ng	# 90
24) Nitrobenzene	7.46	77	536512	32.537	ng	98
25) Isophorone	7.70	82	1000570	32.708	ng	99
26) 2-Nitrophenol	7.77	139	287621	33.889	ng	98
27) 2,4-Dimethylphenol	7.81	122	447303	35.224	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	614743	32.757	ng	99
29) 2,4-Dichlorophenol	8.02	162	449175	34.011	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	484735	32.470	ng	99
31) Naphthalene	8.19	128	1450433	33.691	ng	97
32) Benzoic acid	7.89	122	66826	6.412	ng	97
33) 4-Chloroaniline	8.23	127	289060	15.158	ng	97
34) Hexachlorobutadiene	8.31	225	270782	31.630	ng	100
35) Caprolactam	8.60	113	117582m	28.811	ng	
36) 4-Chloro-3-methylphenol	8.71	107	466604	34.060	ng	99
37) 2-Methylnaphthalene	8.87	142	988483	34.638	ng	98
38) 1-Methylnaphthalene	8.97	142	920014	33.942	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	437800	32.576	ng	97

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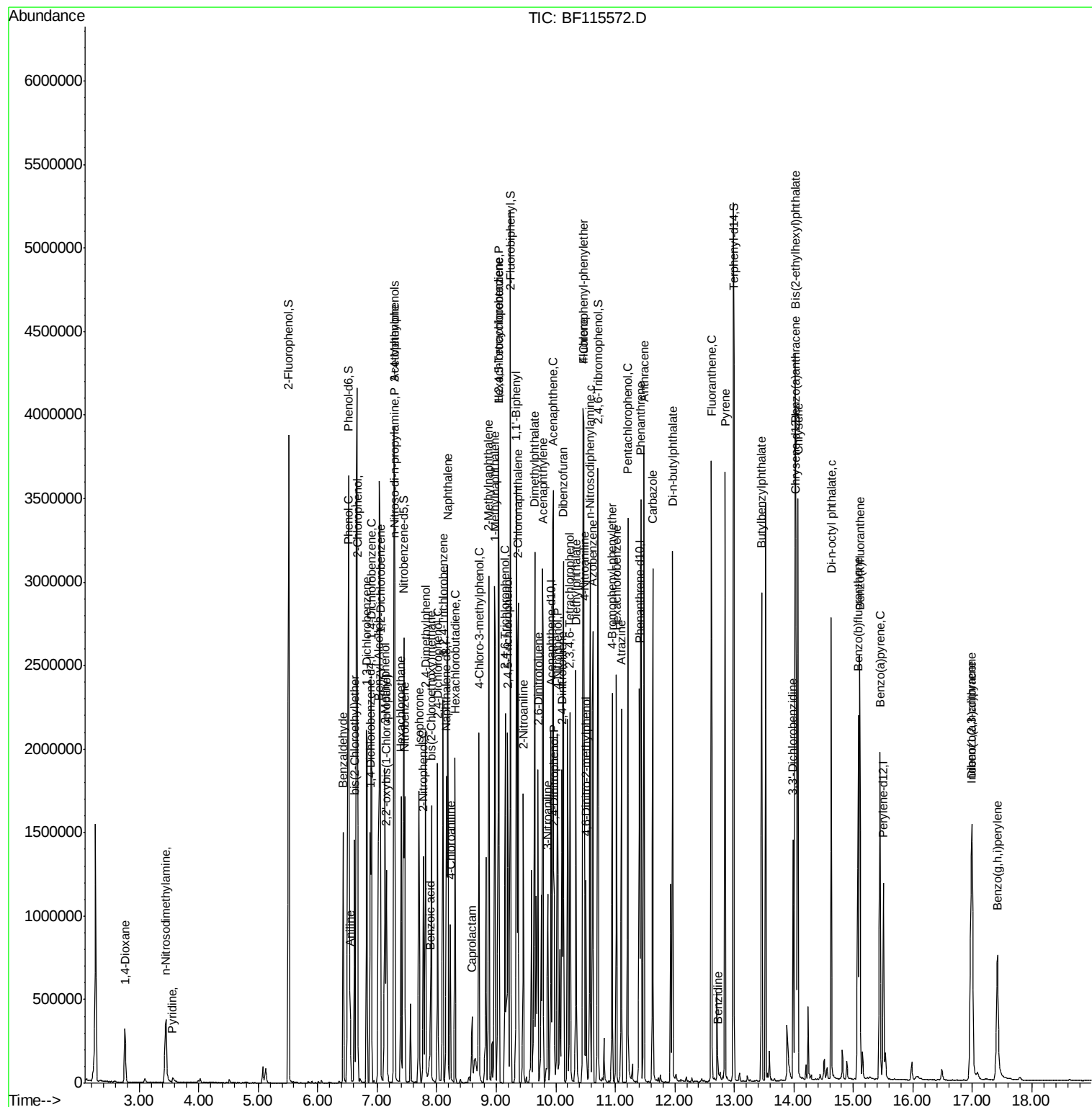
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	502707	65.573	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	325184	33.087	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	343392	34.117	ng	99
46) 1,1'-Biphenyl	9.34	154	1204297	34.516	ng	98
47) 2-Chloronaphthalene	9.37	162	964377	33.195	ng	96
48) 2-Nitroaniline	9.46	65	289843	32.233	ng	97
49) Acenaphthylene	9.78	152	1449298	33.667	ng	98
50) Dimethylphthalate	9.65	163	1528948	45.534	ng	99
51) 2,6-Dinitrotoluene	9.70	165	264086	34.608	ng	98
52) Acenaphthene	9.96	154	963755	34.677	ng	99
53) 3-Nitroaniline	9.86	138	197137	22.607	ng	95
54) 2,4-Dinitrophenol	9.97	184	182593	46.606	ng	90
55) Dibenzofuran	10.13	168	1296664	32.853	ng	99
56) 4-Nitrophenol	10.03	139	445933	67.062	ng	99
57) 2,4-Dinitrotoluene	10.10	165	344006	34.797	ng	91
58) Fluorene	10.47	166	955754	33.873	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	291870	34.689	ng	99
60) Diethylphthalate	10.34	149	1059841	33.687	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	492260	31.460	ng	95
62) 4-Nitroaniline	10.48	138	267801	32.016	ng	97
63) Azobenzene	10.62	77	1032364	33.830	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	175278	33.294	ng	96
66) n-Nitrosodiphenylamine	10.57	169	880833	32.862	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	318066	32.301	ng	94
68) Hexachlorobenzene	11.02	284	361397	32.138	ng	98
69) Atrazine	11.10	200	292674	33.285	ng	100
70) Pentachlorophenol	11.21	266	424334	61.696	ng	100
71) Phenanthrene	11.43	178	1465377	33.177	ng	98
72) Anthracene	11.48	178	1518156	33.259	ng	99
73) Carbazole	11.63	167	1339307	33.459	ng	99
74) Di-n-butylphthalate	11.96	149	1591864	32.285	ng	99
75) Fluoranthene	12.62	202	1548588	33.178	ng	99
77) Benzidine	12.73	184	1330	0.065	ng	# 1
78) Pyrene	12.85	202	1529214	31.204	ng	98
80) Butylbenzylphthalate	13.46	149	663834	31.775	ng	97
81) Benzo(a)anthracene	14.03	228	1205097	31.624	ng	96
82) 3,3'-Dichlorobenzidine	13.99	252	311371	22.985	ng	98
83) Chrysene	14.07	228	1252444	32.740	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	831493	32.132	ng	100
85) Di-n-octyl phthalate	14.63	149	1403956	34.098	ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	1035744	31.869	ng	99
88) Benzo(b)fluoranthene	15.08	252	1146074	32.230	ng	98
89) Benzo(k)fluoranthene	15.11	252	1103842	34.818	ng	99
90) Benzo(a)pyrene	15.44	252	1039200	34.002	ng	98
91) Dibenzo(a,h)anthracene	17.00	278	879293	32.771	ng	99
92) Benzo(g,h,i)perylene	17.42	276	807075	30.160	ng	98

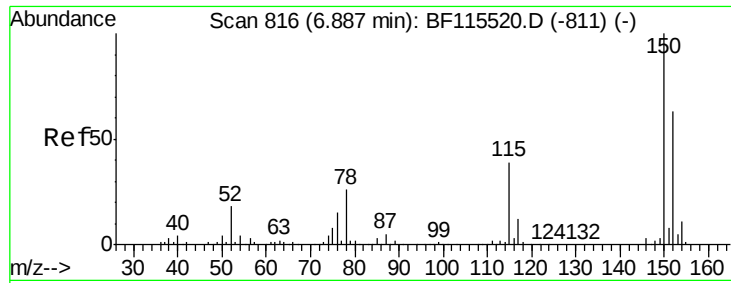
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

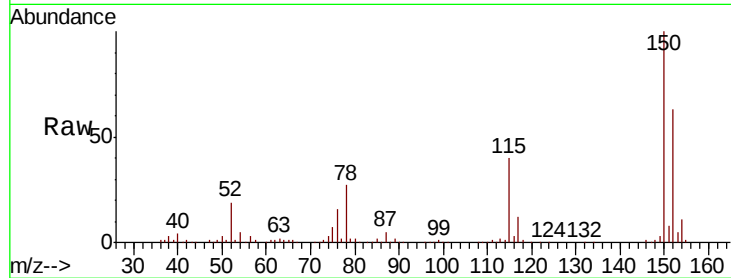
Tot Ion:152 Resp: 222587

Ion Ratio Lower Upper

152 100

150 158.6 129.7 194.5

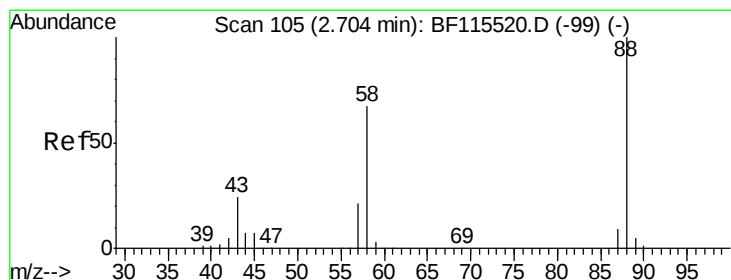
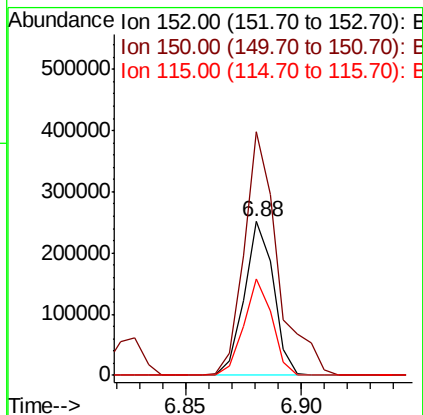
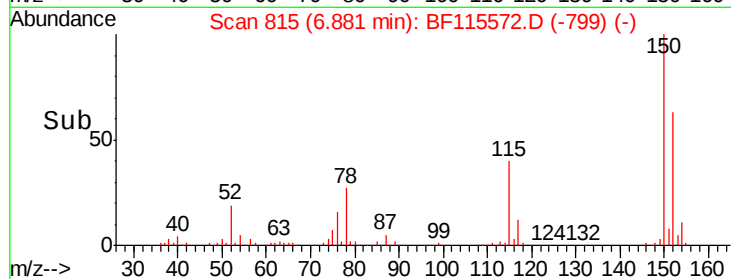
115 62.9 48.2 72.4



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



#2

1,4-Dioxane

Concen: 28.264 ng

RT: 2.76 min Scan# 115

Delta R.T. 0.06 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

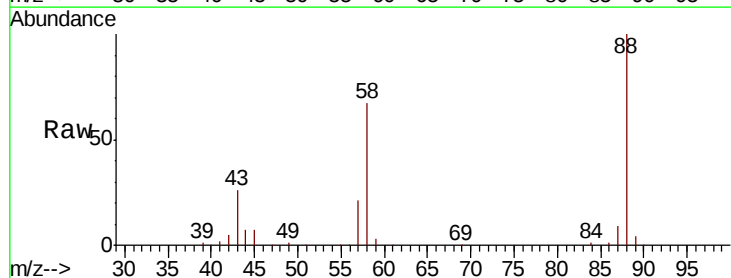
Tgt Ion: 88 Resp: 191854

Ion Ratio Lower Upper

88 100

58 66.2 52.6 79.0

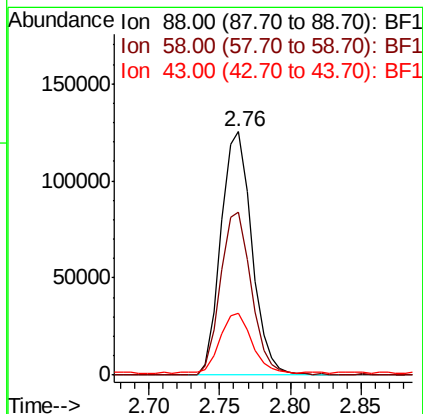
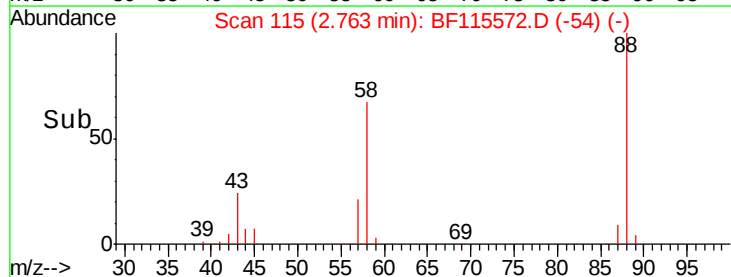
43 24.7 19.1 28.7

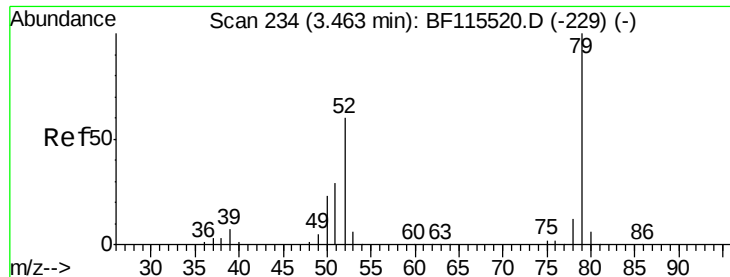


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 1.528 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.10 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

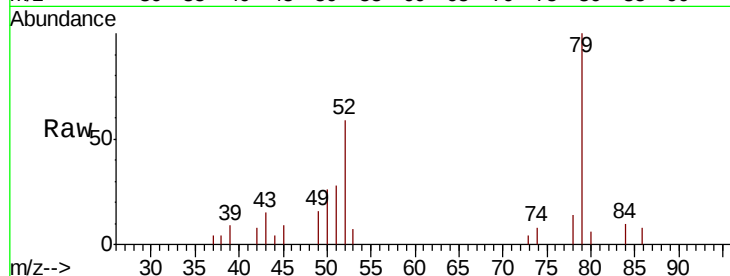
Tot Ion: 79 Resp: 28139

Ion Ratio Lower Upper

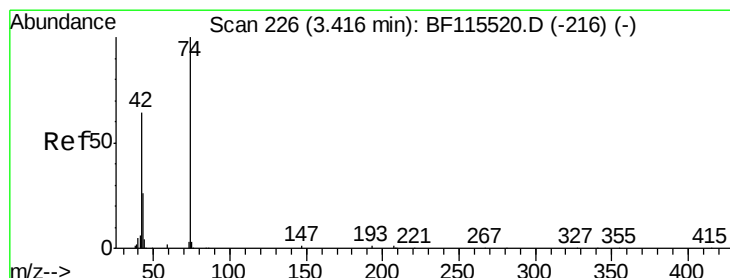
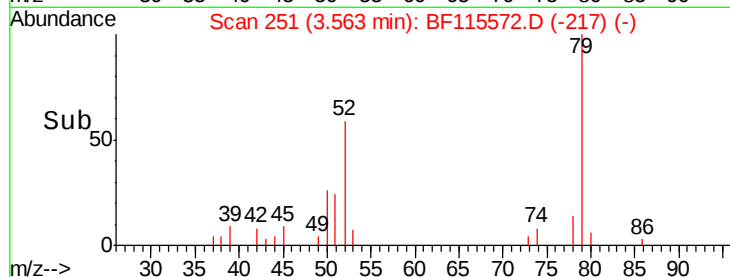
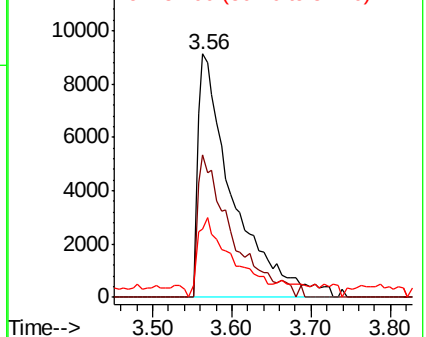
79 100

52 58.7 47.8 71.6

51 28.2 23.8 35.8



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: 33.413 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.04 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

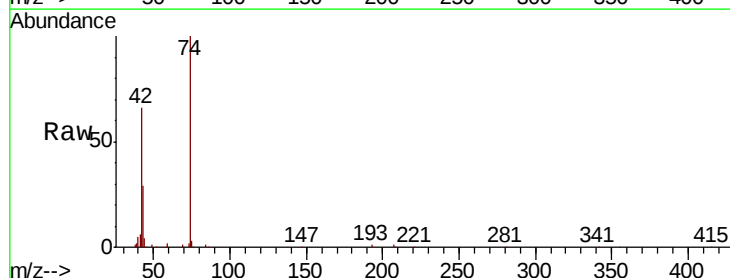
Tgt Ion: 42 Resp: 223232

Ion Ratio Lower Upper

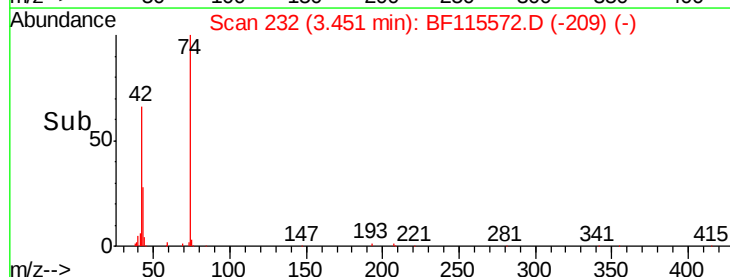
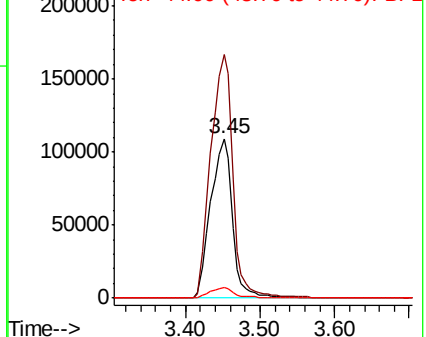
42 100

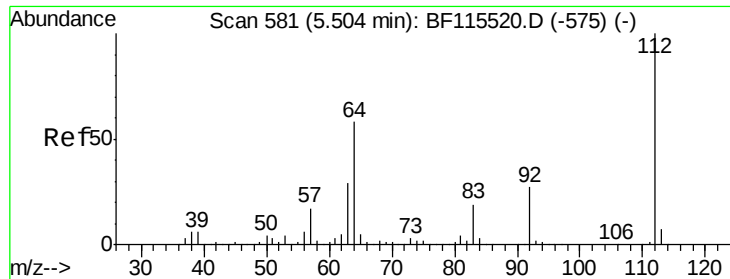
74 152.4 127.5 191.3

44 6.7 5.0 7.6



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: 92.780 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115572.D

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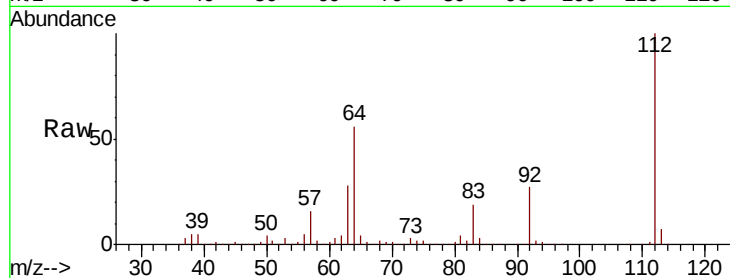
Tot Ion:112 Resp: 1262543

Ion Ratio Lower Upper

112 100

64 55.9 46.8 70.2

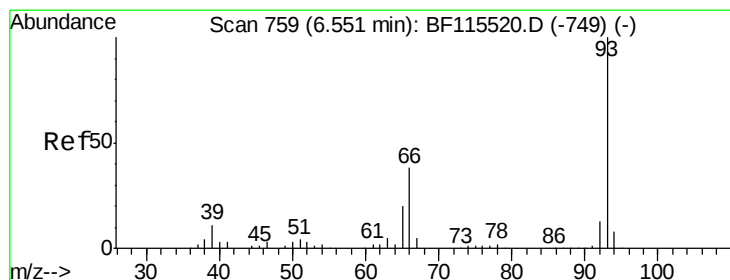
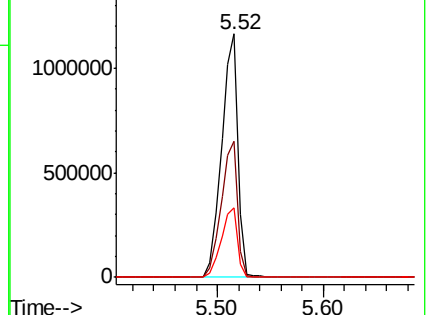
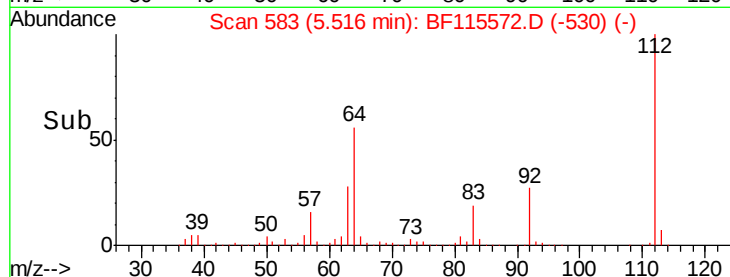
63 28.3 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.431 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

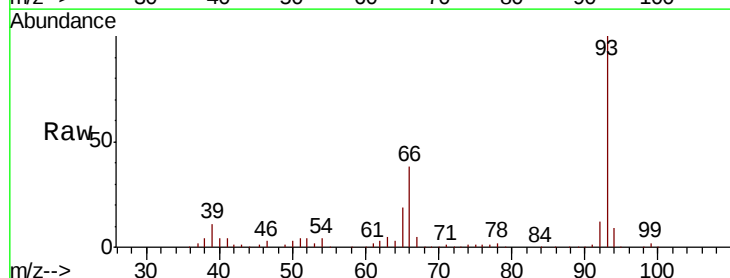
Tgt Ion: 93 Resp: 274675

Ion Ratio Lower Upper

93 100

66 38.0 31.7 47.5

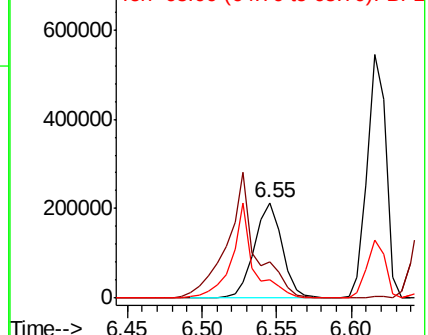
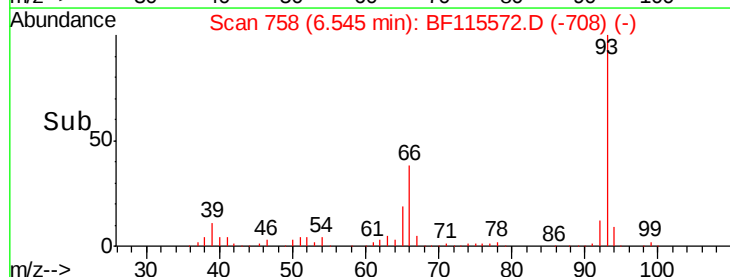
65 18.8 16.2 24.2

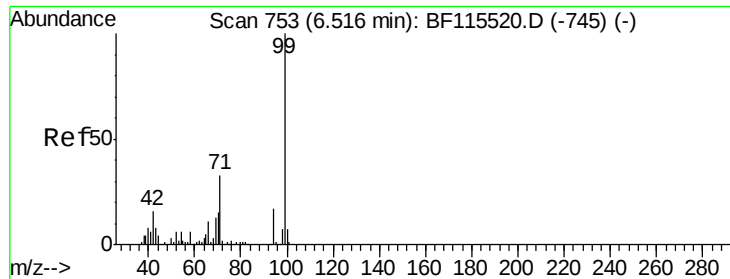


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.755 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

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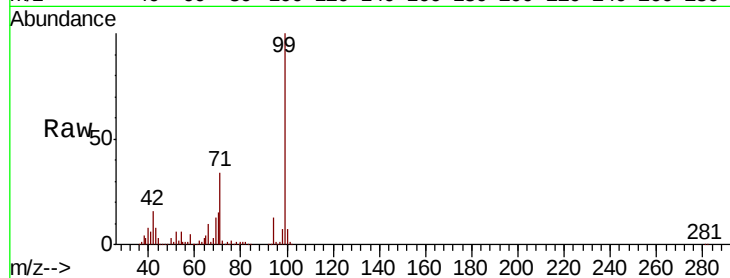
Tot Ion: 99 Resp: 1722456

Ion Ratio Lower Upper

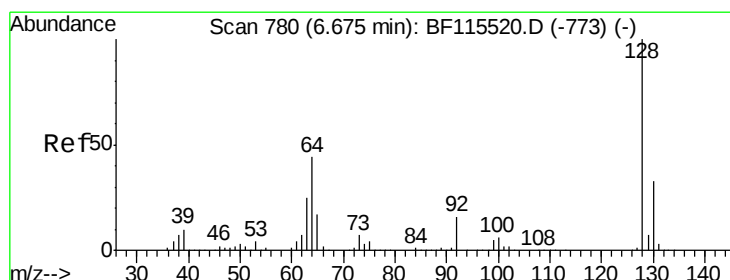
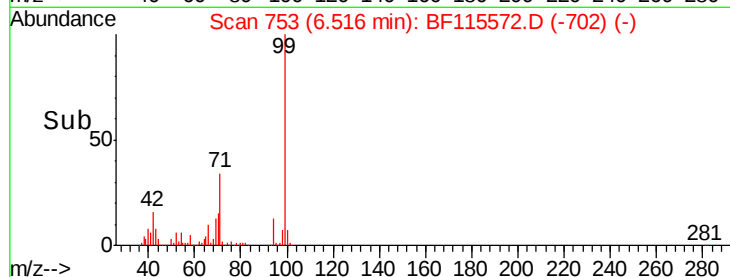
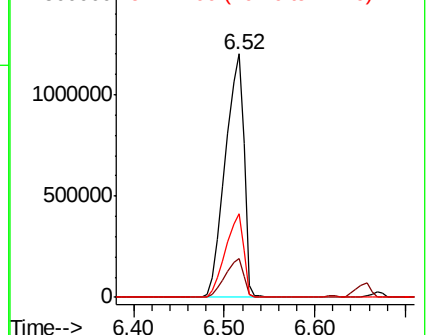
99 100

42 15.8 13.6 20.4

71 34.3 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 31.431 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

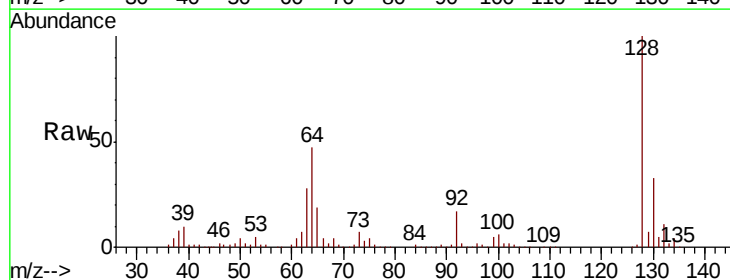
Tgt Ion:128 Resp: 491750

Ion Ratio Lower Upper

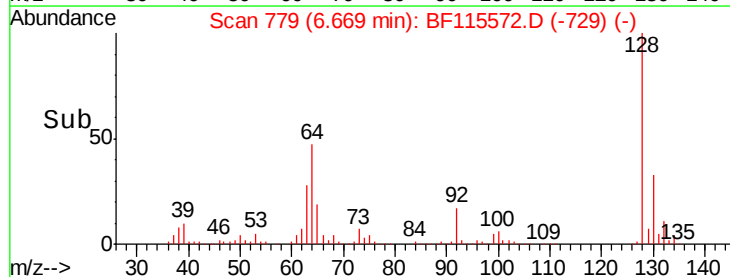
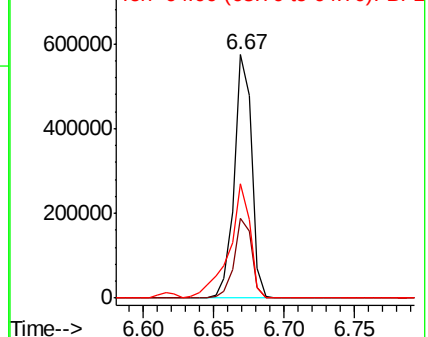
128 100

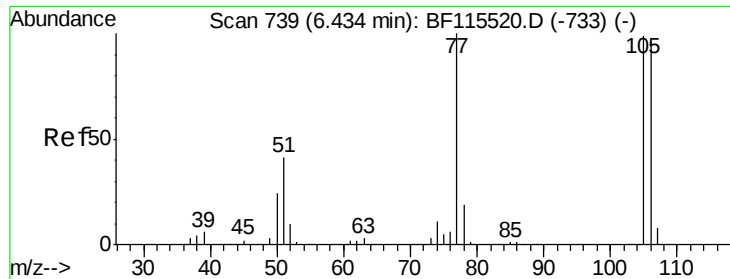
130 32.9 12.8 52.8

64 47.0 26.8 66.8



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

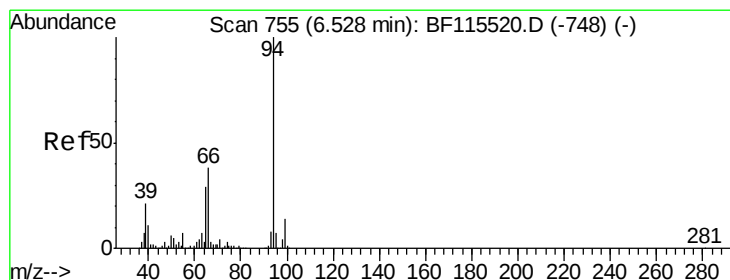
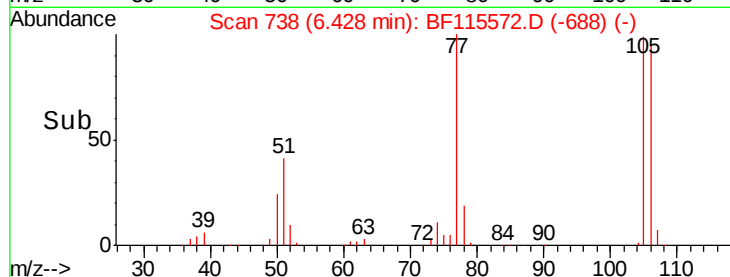
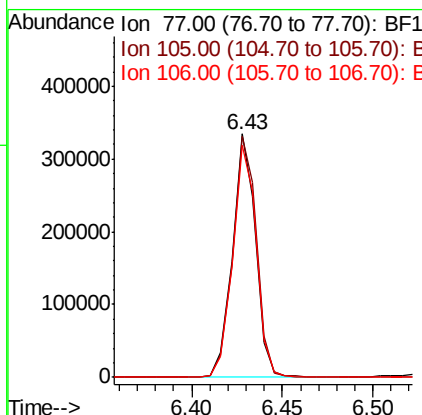
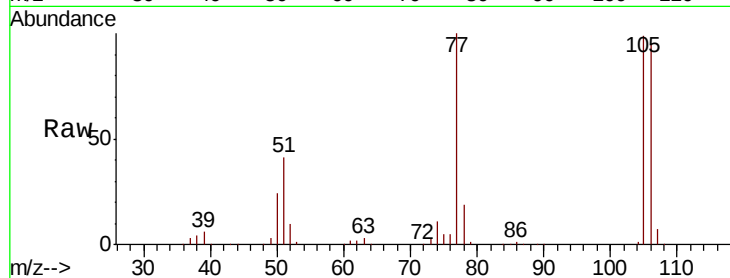




#9
Benzaldehyde
Concen: 27.459 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

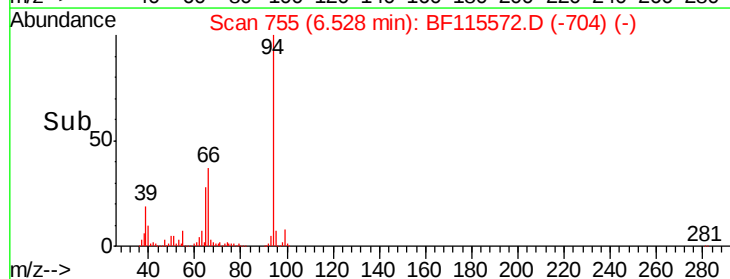
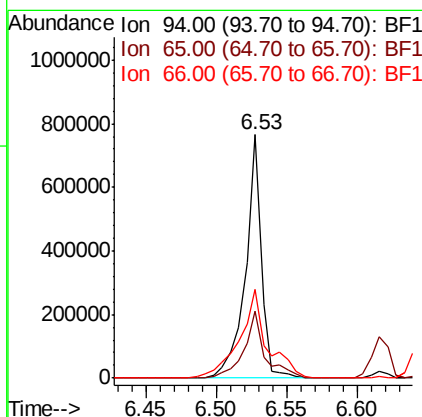
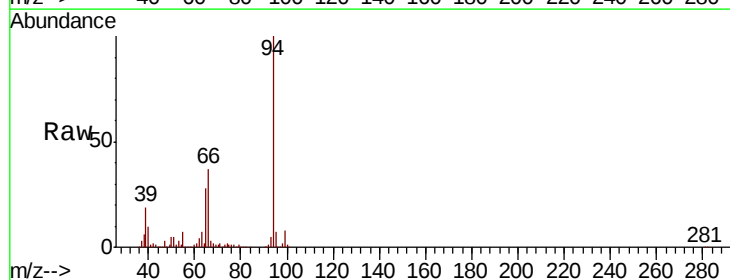
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

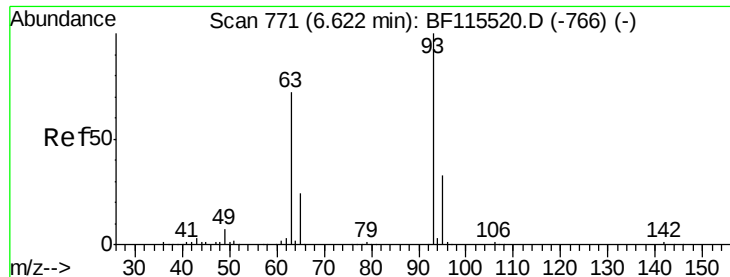
Tot Ion: 77 Resp: 296293
Ion Ratio Lower Upper
77 100
105 98.8 78.8 118.8
106 95.1 75.6 115.6



#10
Phenol
Concen: 30.193 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion: 94 Resp: 605215
Ion Ratio Lower Upper
94 100
65 27.6 14.5 54.5
66 36.7 31.3 71.3

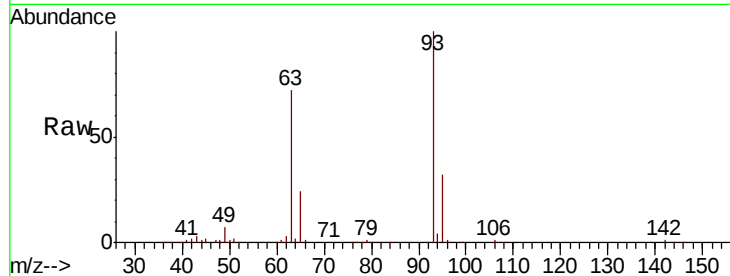




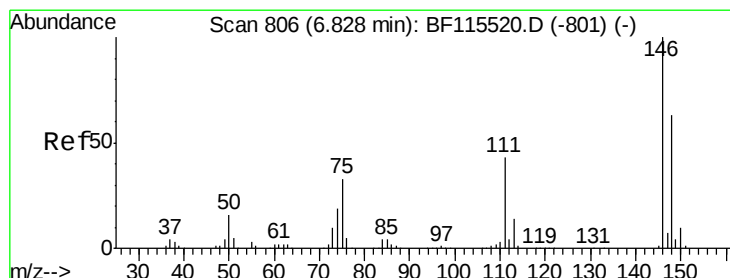
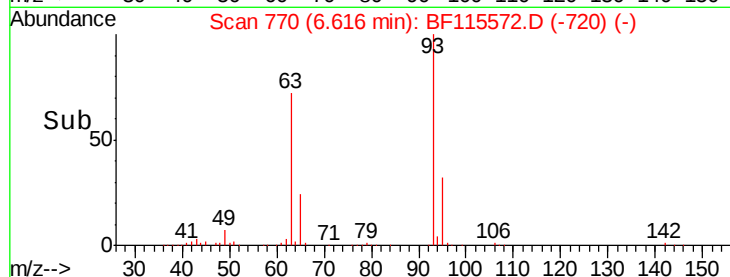
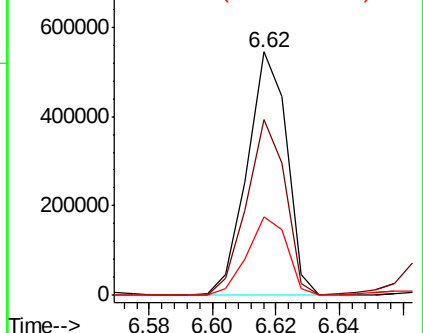
#11
bis(2-Chloroethyl)ether
Concen: 30.845 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion: 93 Resp: 470719
Ion Ratio Lower Upper
93 100
63 72.1 52.2 92.2
95 32.4 12.9 52.9

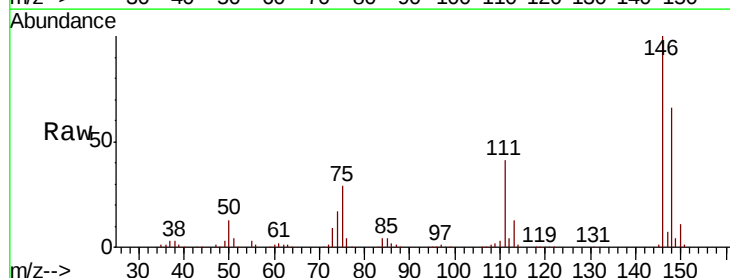


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

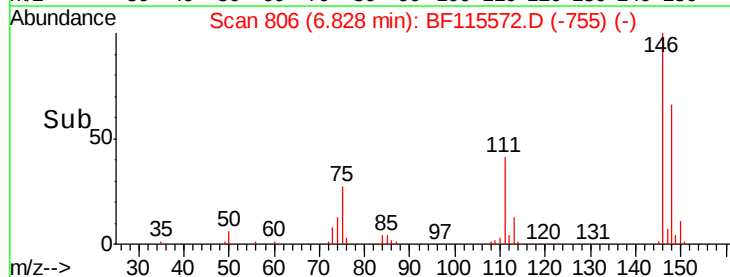
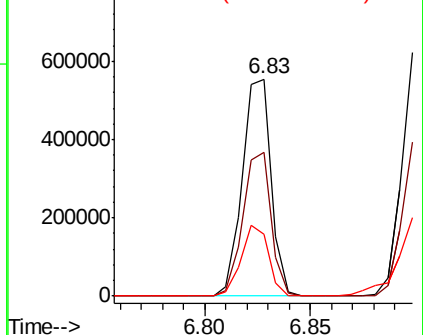


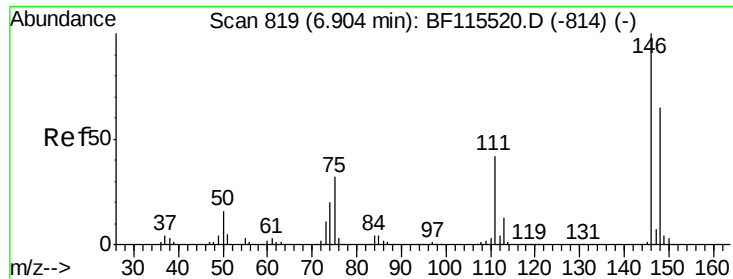
#12
1,3-Dichlorobenzene
Concen: 29.864 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion: 146 Resp: 525323
Ion Ratio Lower Upper
146 100
148 66.3 52.1 78.1
75 28.8 24.9 37.3



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

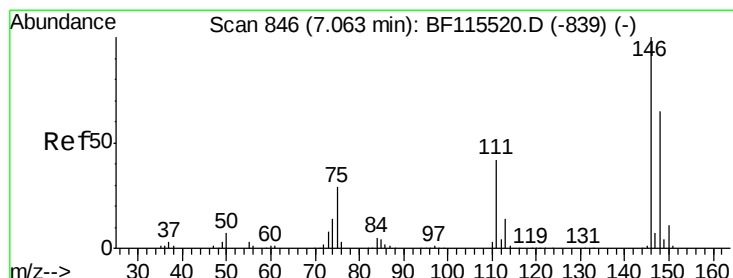
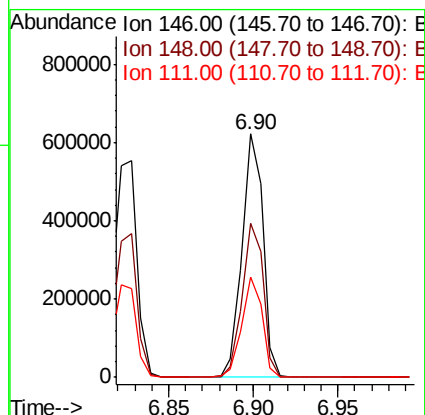
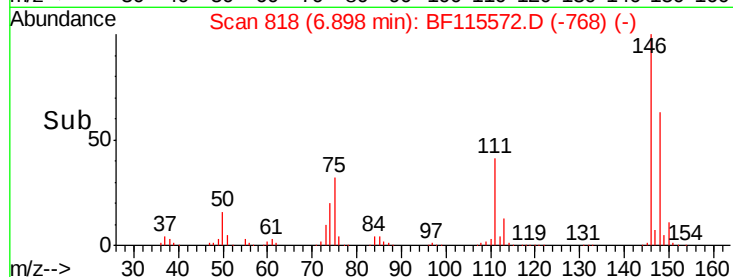
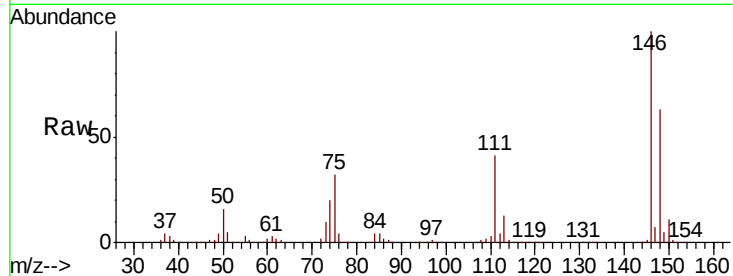




#13
 1,4-Dichlorobenzene
 Concen: 30.609 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

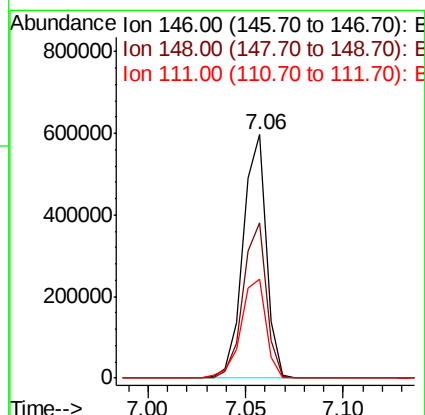
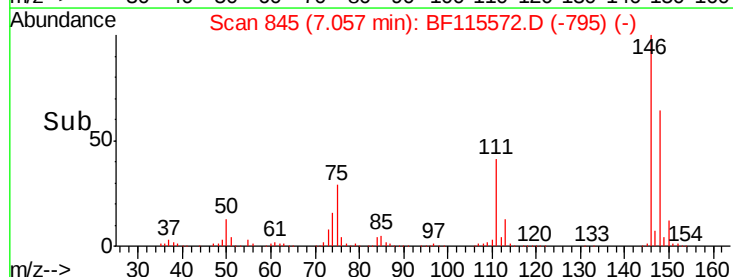
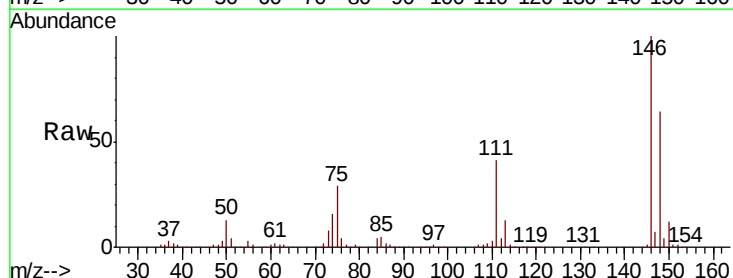
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion:146 Resp: 537214
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.8 77.6
 111 41.0 35.5 53.3



#14
 1,2-Dichlorobenzene
 Concen: 30.672 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Tgt Ion:146 Resp: 492099
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.1 76.7
 111 40.7 37.6 56.4





#15

Benzyl Alcohol

Concen: 31.880 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

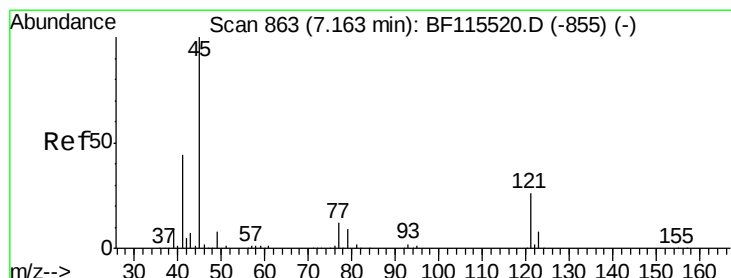
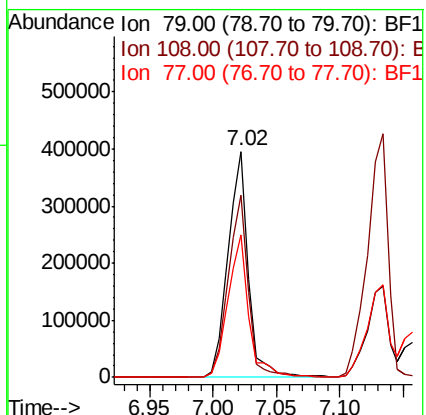
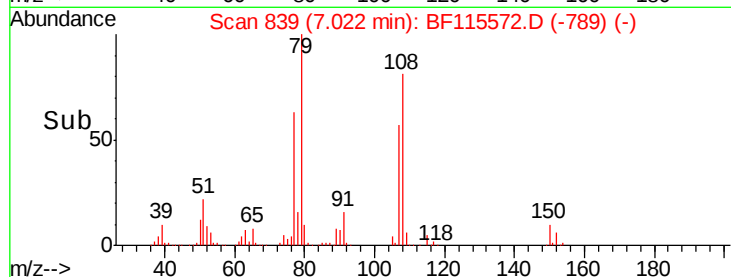
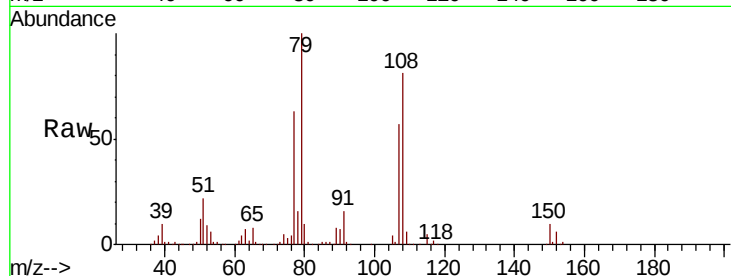
Tot Ion: 79 Resp: 436676

Ion Ratio Lower Upper

79 100

108 80.7 64.2 96.4

77 63.3 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.868 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

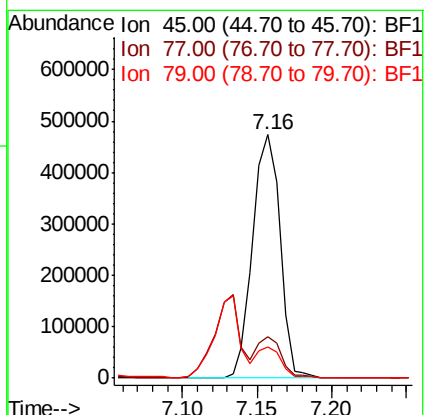
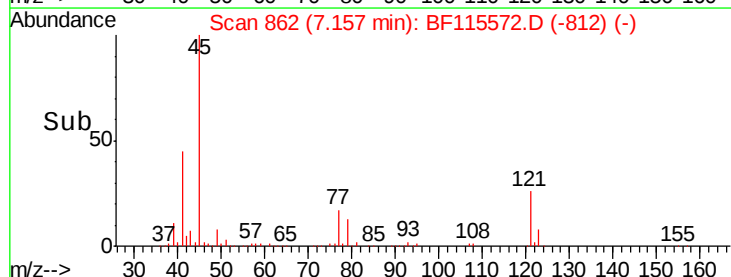
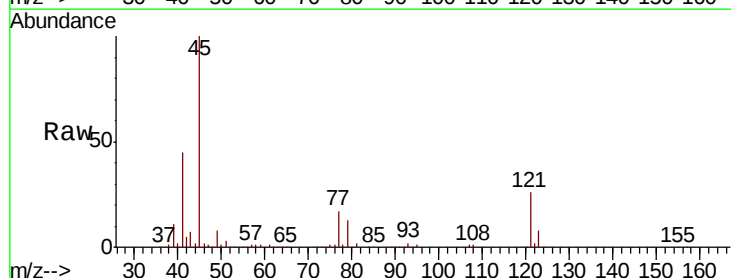
Tgt Ion: 45 Resp: 600100

Ion Ratio Lower Upper

45 100

77 16.8 0.0 38.1

79 12.9 0.0 34.1

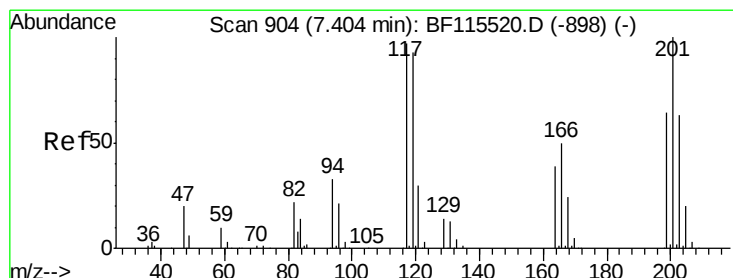
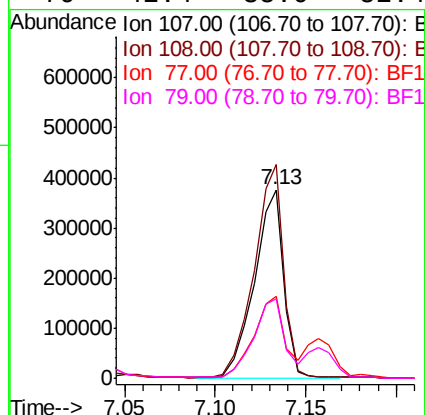
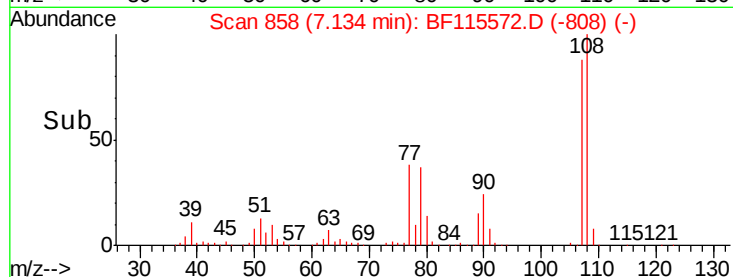
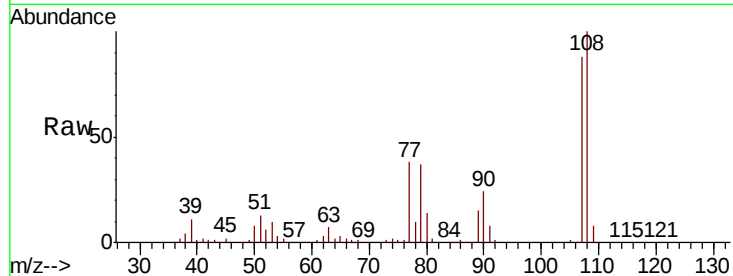




#17
2-Methylphenol
Concen: 31.260 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

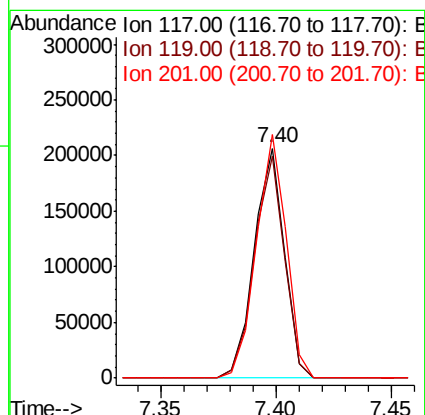
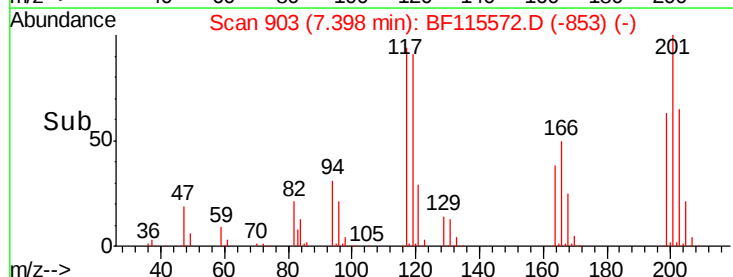
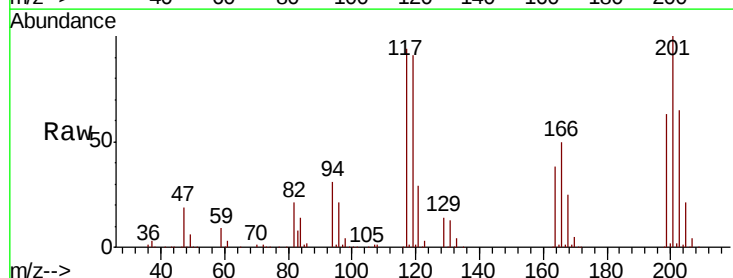
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

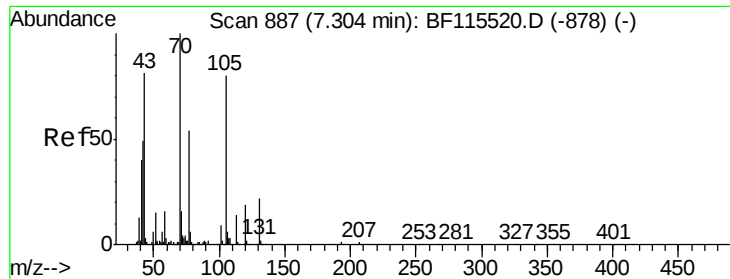
Tot Ion:107 Resp: 421474
Ion Ratio Lower Upper
107 100
108 113.4 89.4 134.2
77 43.3 35.7 53.5
79 42.4 35.0 52.4



#18
Hexachloroethane
Concen: 28.890 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion:117 Resp: 188201
Ion Ratio Lower Upper
117 100
119 96.3 77.7 116.5
201 105.9 86.0 129.0

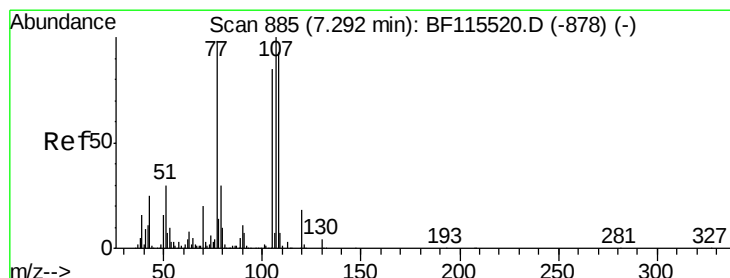
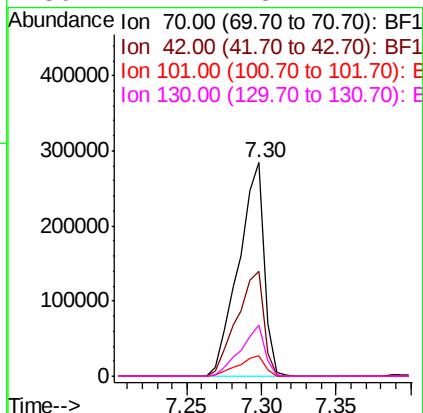
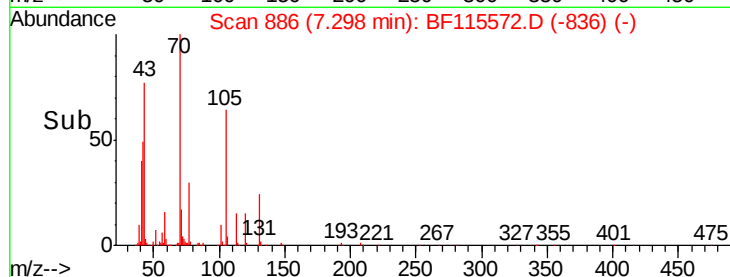
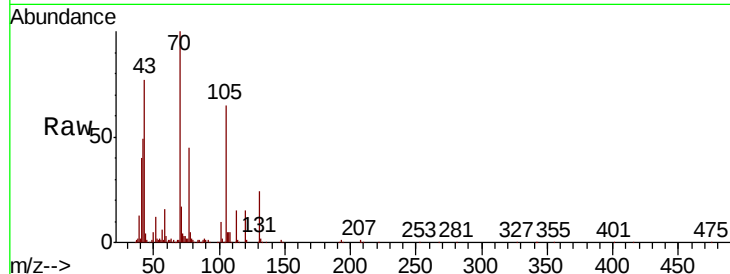




#19
n-Nitroso-di-n-propylamine
Concen: 30.197 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

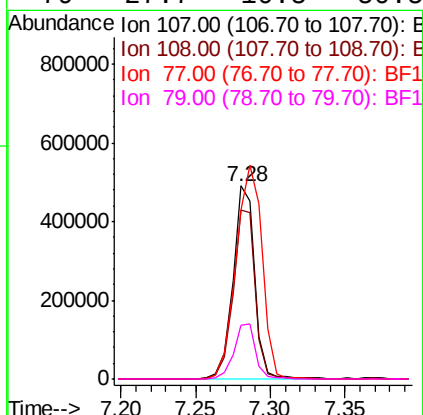
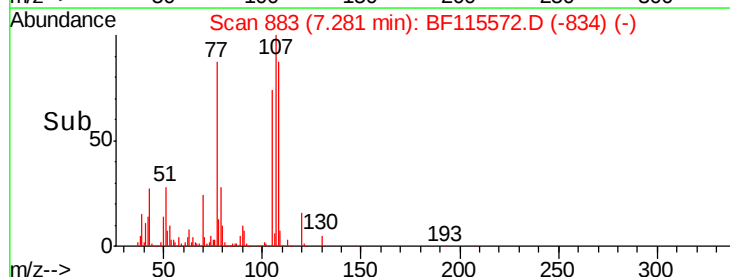
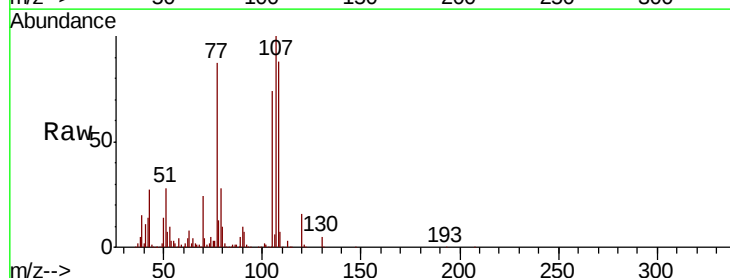
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

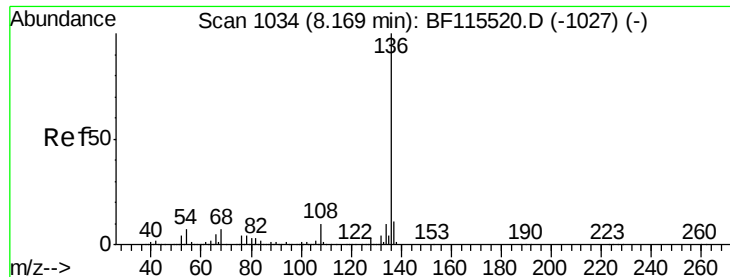
Tot Ion:	70	Resp:	340054
Ion	Ratio	Lower	Upper
70	100		
42	48.9	39.6	59.4
101	9.8	8.1	12.1
130	24.2	18.2	27.2



#20
3+4-Methylphenols
Concen: 31.068 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion:	107	Resp:	497561
Ion	Ratio	Lower	Upper
107	100		
108	87.6	72.9	112.9
77	87.3	77.6	117.6
79	27.7	10.5	50.5

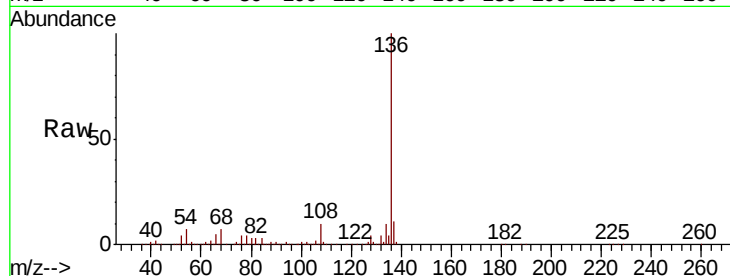




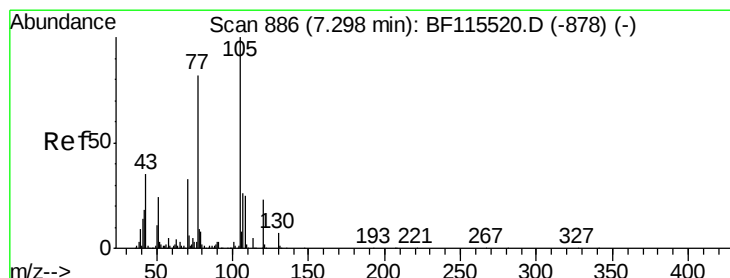
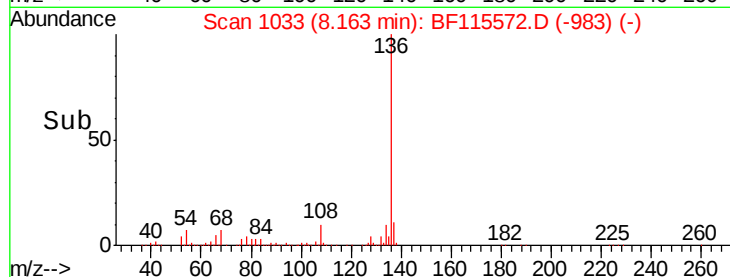
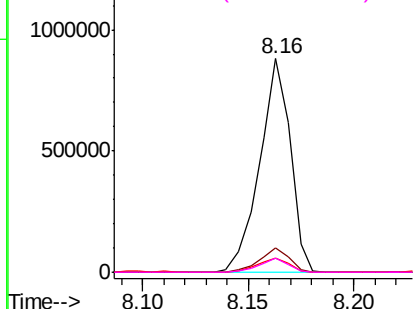
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tot Ion:136	Resp: 888928
Ion Ratio	Lower Upper
136 100	
137 11.3	9.0 13.4
54 6.9	5.6 8.4
68 6.5	5.0 7.6

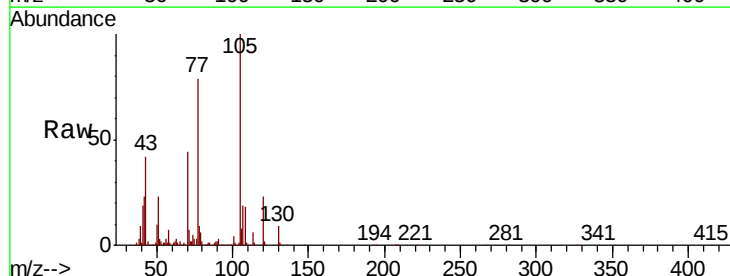


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

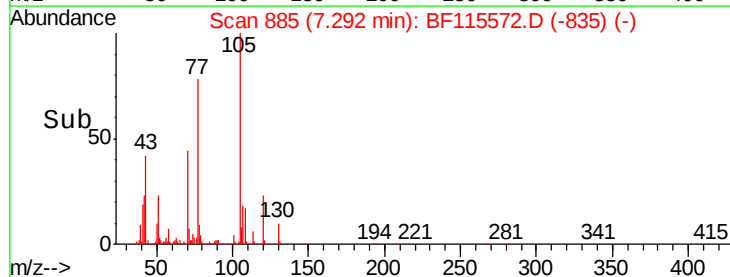
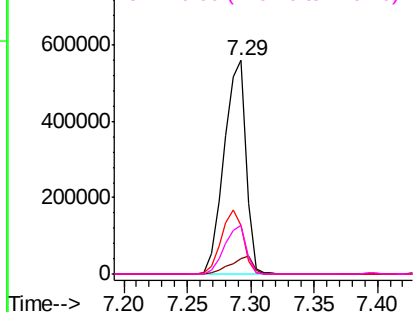


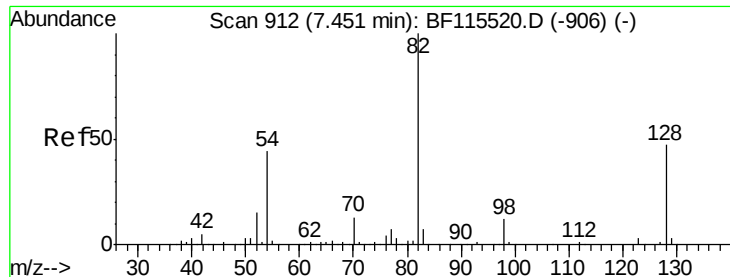
#22
Acetophenone
Concen: 33.517 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt	Ion:105	Resp:	673093
Ion	Ratio	Lower	Upper
105	100		
71	7.4	3.5	5.3#
51	23.0	25.6	38.4#
120	22.5	17.9	26.9



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

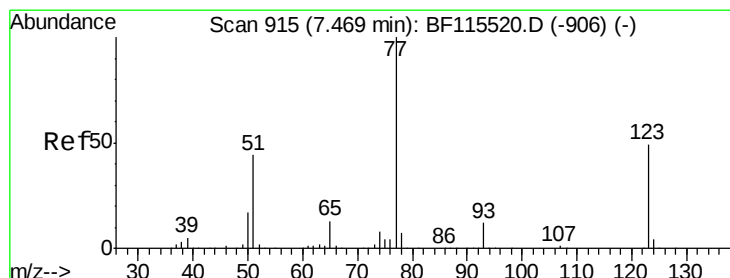
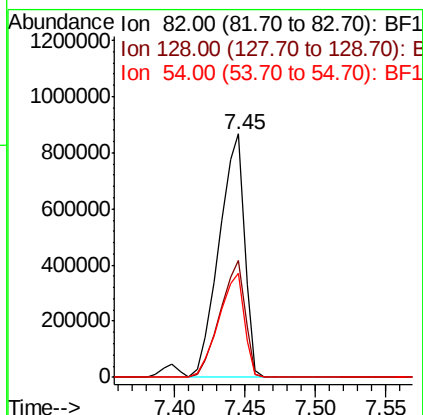
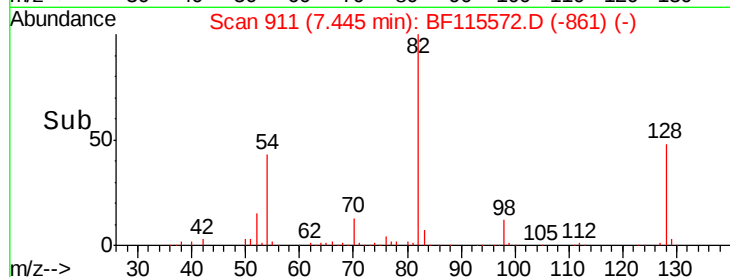
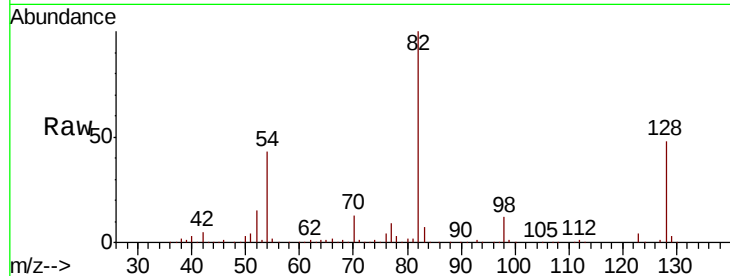




#23
 Nitrobenzene-d5
 Concen: 70.789 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

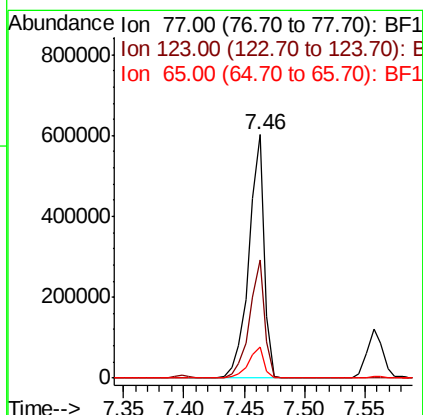
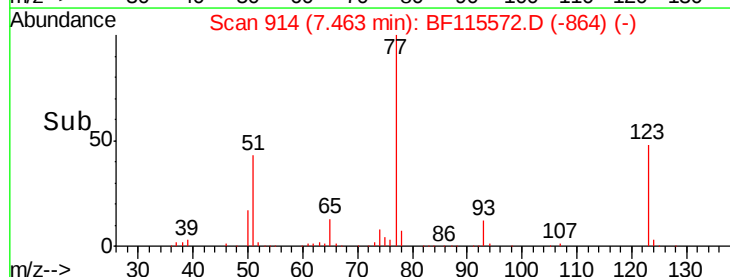
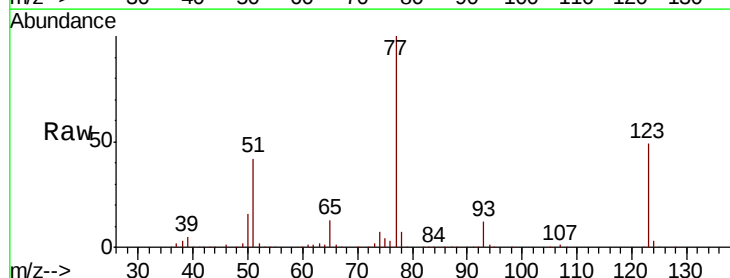
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

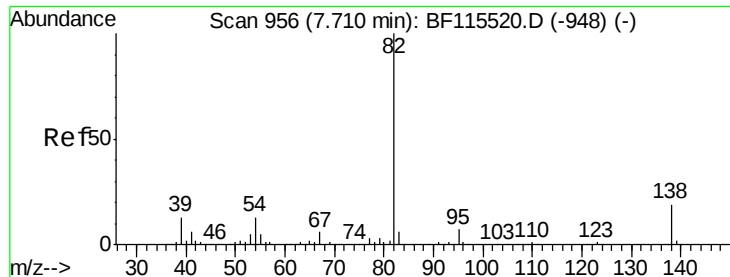
Tot Ion: 82 Resp: 1082200
 Ion Ratio Lower Upper
 82 100
 128 47.9 38.6 57.8
 54 42.6 35.6 53.4



#24
 Nitrobenzene
 Concen: 32.537 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Tgt Ion: 77 Resp: 536512
 Ion Ratio Lower Upper
 77 100
 123 48.6 40.0 60.0
 65 12.8 11.0 16.4





#25

Isophorone

Concen: 32.708 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampled :

TP-1MSD

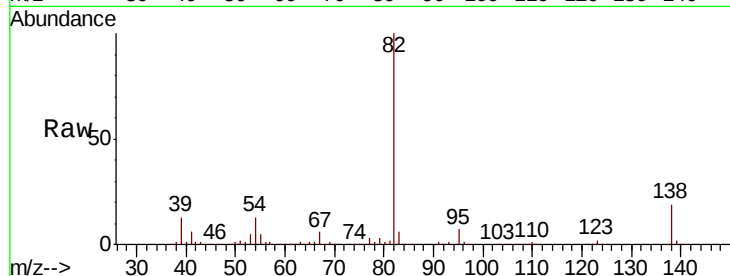
Tot Ion: 82 Resp: 1000570

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

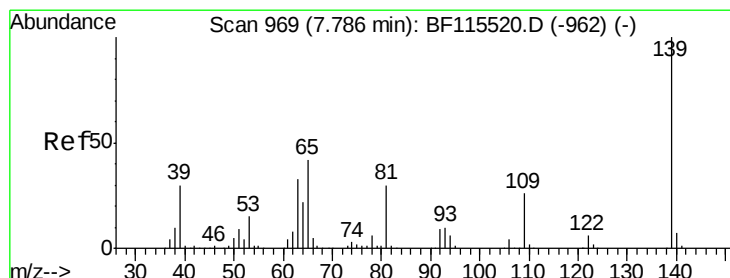
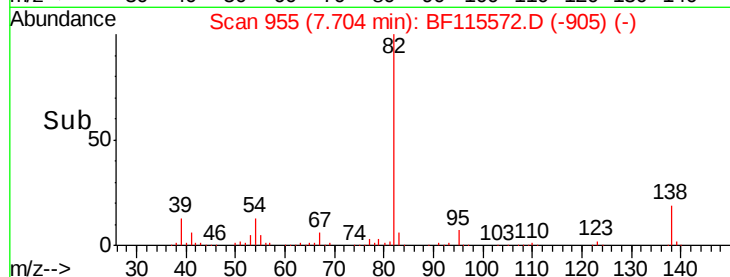
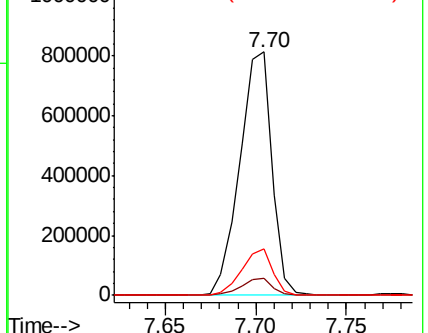
138 19.2 14.9 22.3



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: 33.889 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

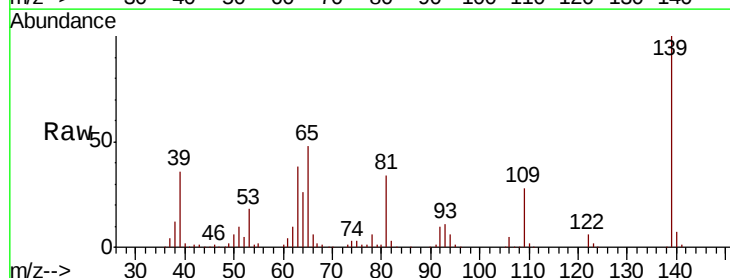
Tgt Ion: 139 Resp: 287621

Ion Ratio Lower Upper

139 100

109 27.5 23.3 34.9

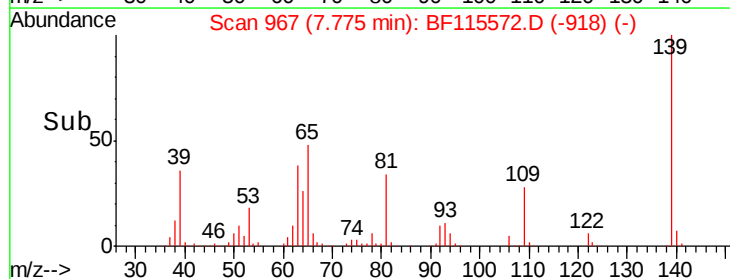
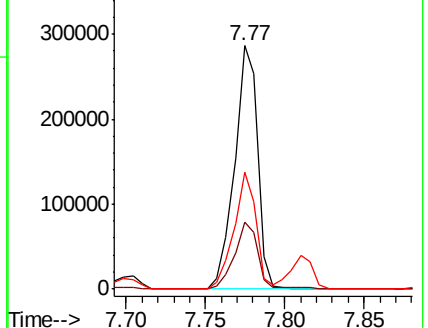
65 48.0 37.9 56.9



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: 35.224 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

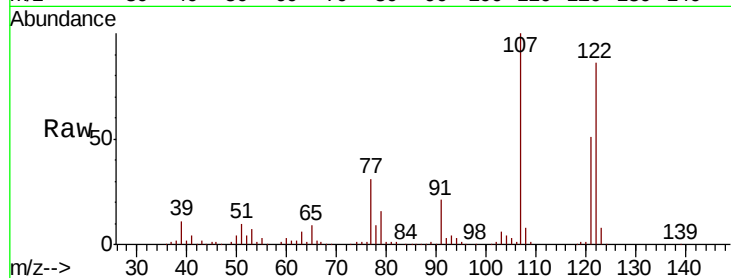
Tot Ion:122 Resp: 447303

Ion Ratio Lower Upper

122 100

107 116.8 92.9 139.3

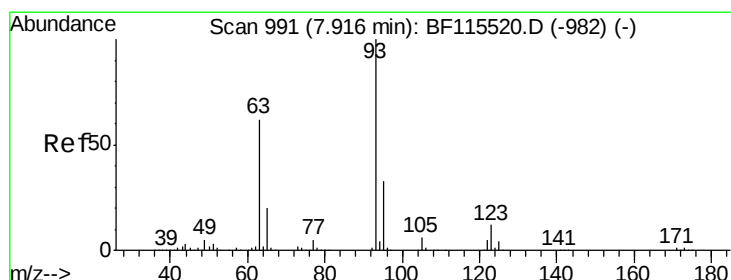
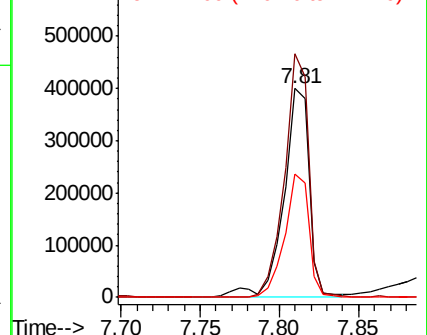
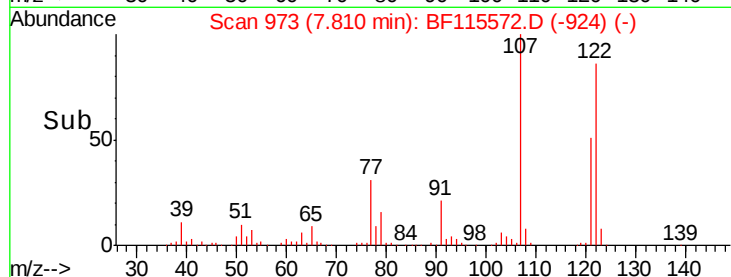
121 59.4 46.9 70.3



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: 32.757 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

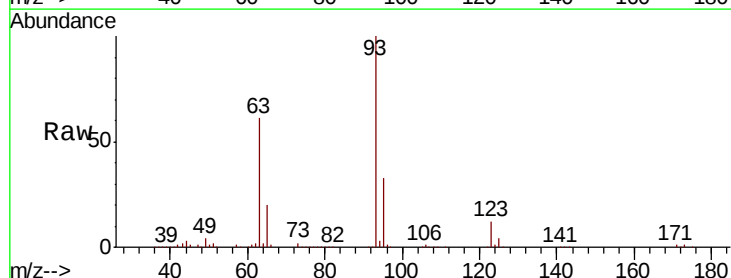
Tgt Ion: 93 Resp: 614743

Ion Ratio Lower Upper

93 100

95 33.2 27.0 40.4

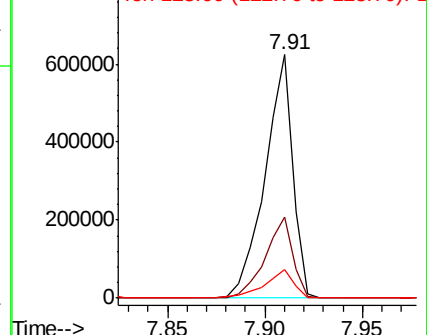
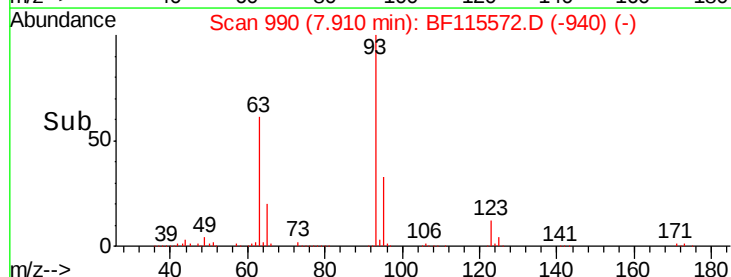
123 11.6 9.9 14.9

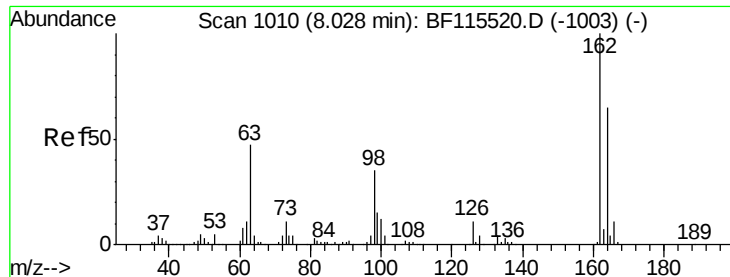


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

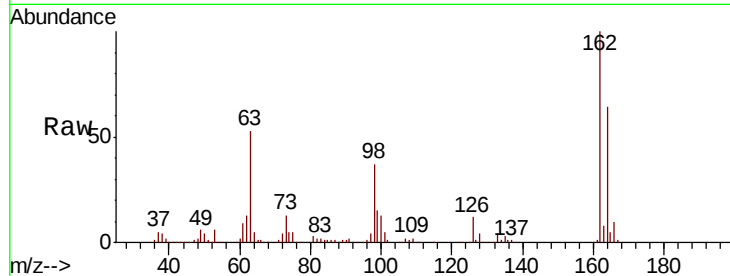




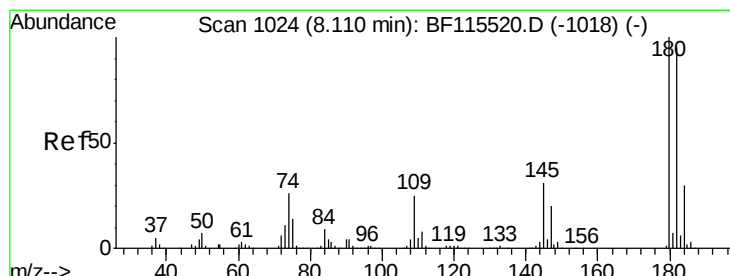
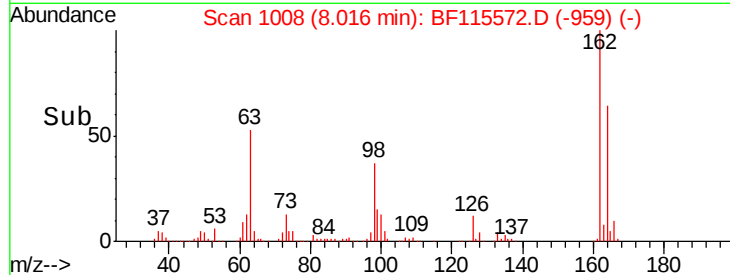
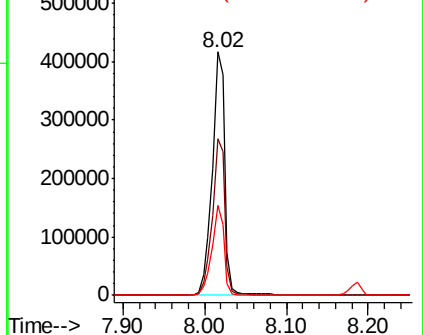
#29
 2,4-Dichlorophenol
 Concen: 34.011 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion:162 Resp: 449175
 Ion Ratio Lower Upper
 162 100
 164 64.2 44.9 84.9
 98 36.9 17.7 57.7

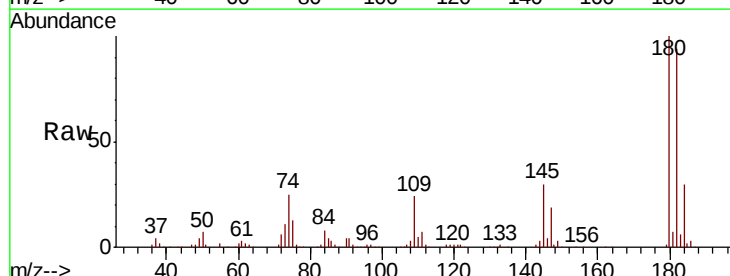


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

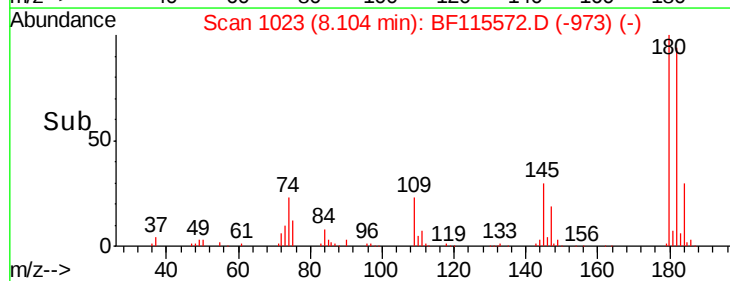
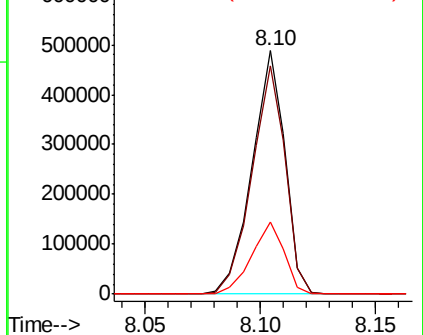


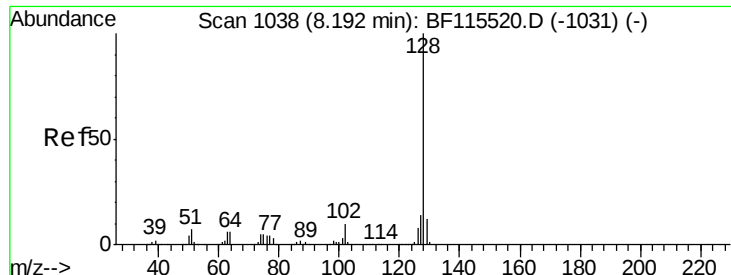
#30
 1,2,4-Trichlorobenzene
 Concen: 32.470 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Tgt Ion:180 Resp: 484735
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.0 112.6
 145 29.7 25.1 37.7



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

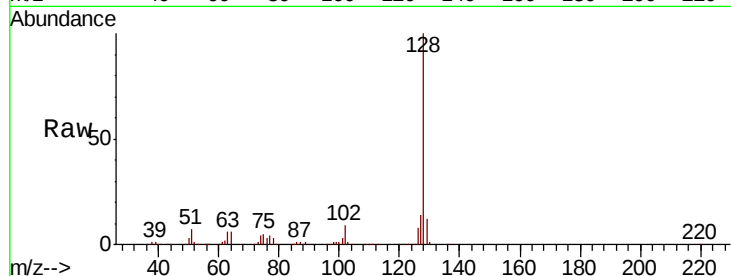




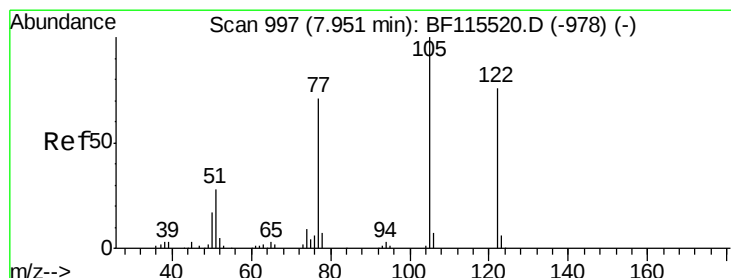
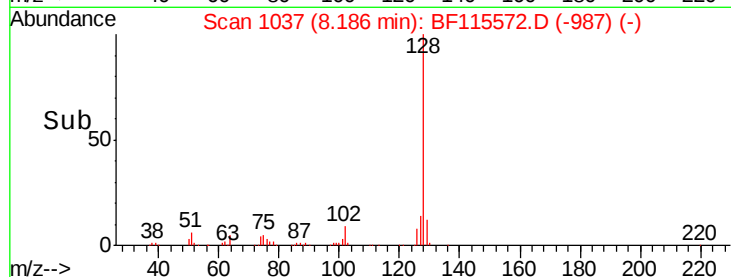
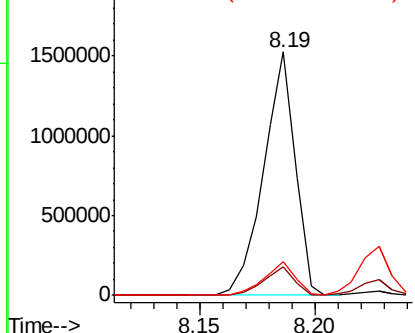
#31
Naphthalene
Concen: 33.691 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion:128 Resp: 1450433
Ion Ratio Lower Upper
128 100
129 11.6 9.9 14.9
127 13.6 12.1 18.1

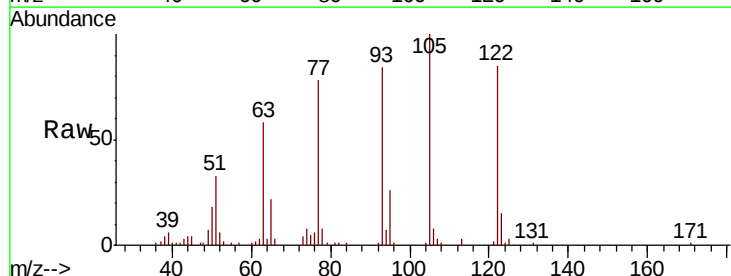


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

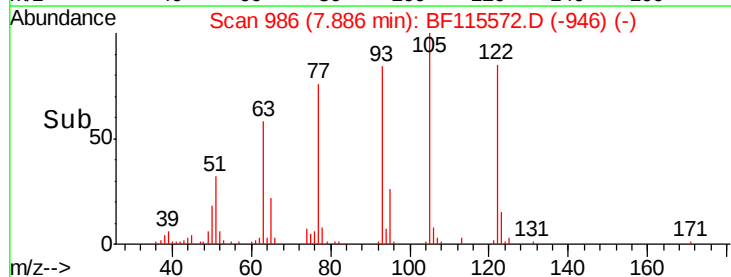
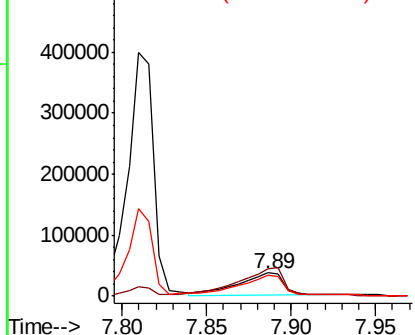


#32
Benzoic acid
Concen: 6.412 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.06 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion:122 Resp: 66826
Ion Ratio Lower Upper
122 100
105 118.3 102.5 142.5
77 91.7 70.2 110.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

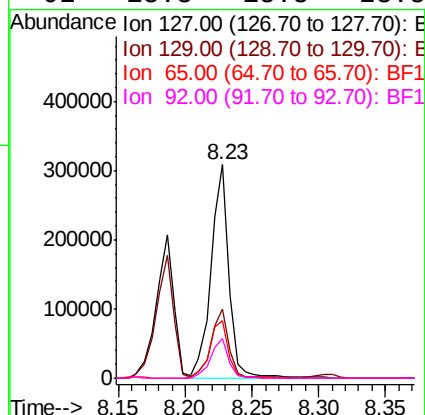
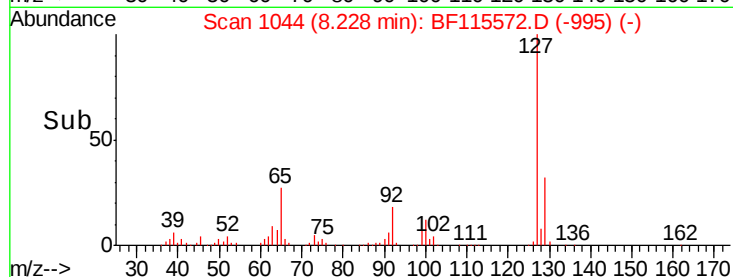
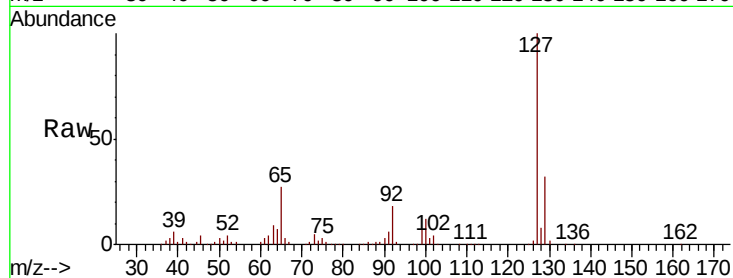




#33
4-Chloroaniline
Concen: 15.158 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

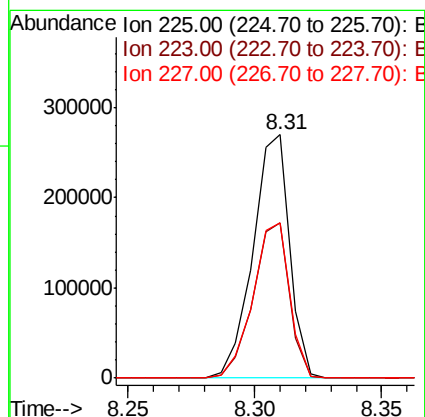
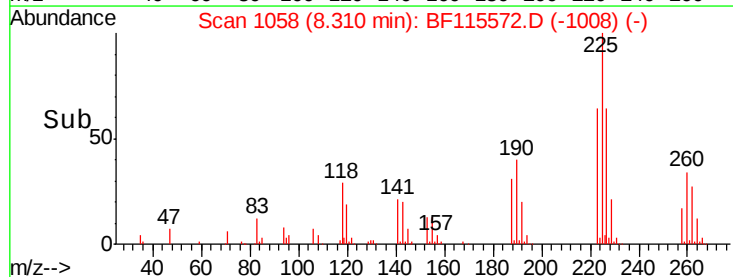
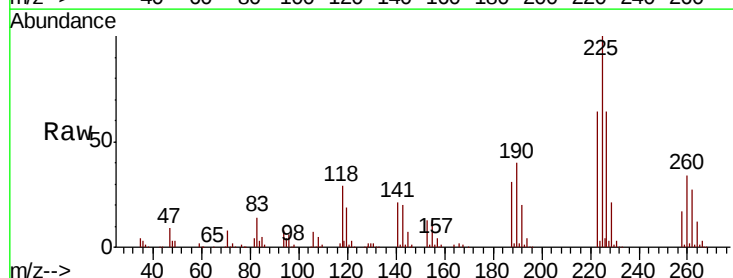
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

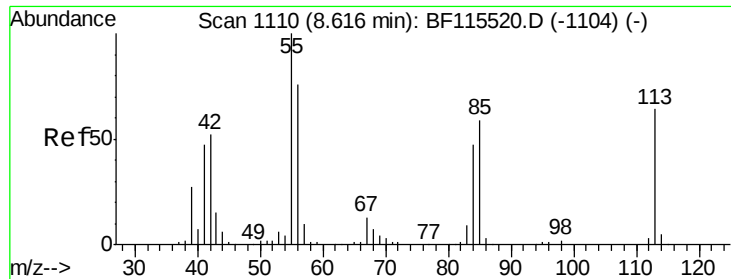
Tot Ion:	127	Resp:	289060
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	27.2	23.7	35.5
92	18.3	15.8	23.8



#34
Hexachlorobutadiene
Concen: 31.630 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion:	225	Resp:	270782
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.9	76.3
227	63.8	50.7	76.1

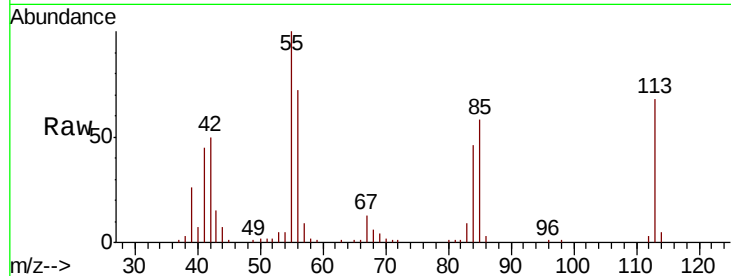




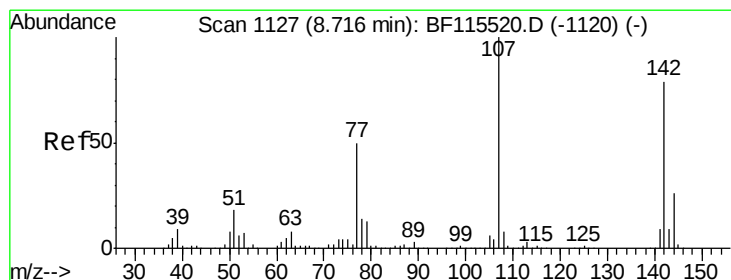
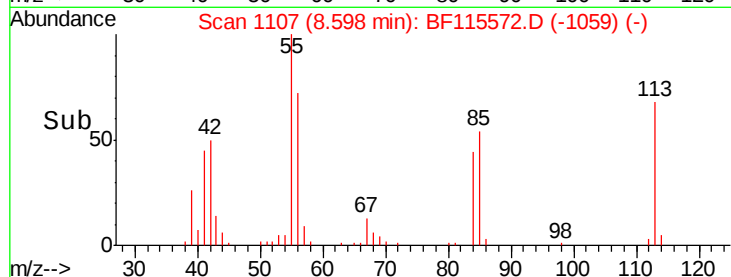
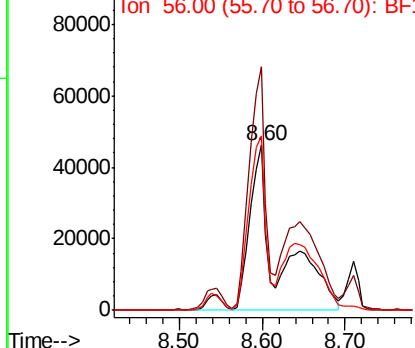
#35
Caprolactam
Concen: 28.811 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tot Ion:113 Resp: 117582
Ion Ratio Lower Upper
113 100
55 147.4 126.9 166.9
56 105.7 90.3 130.3

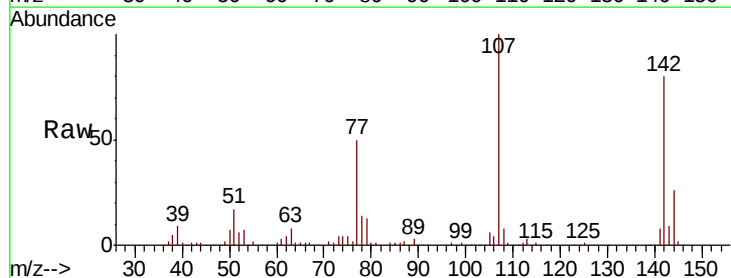


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

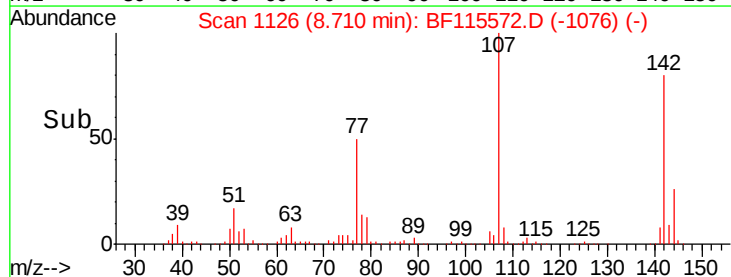
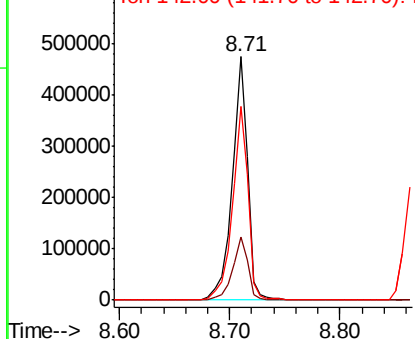


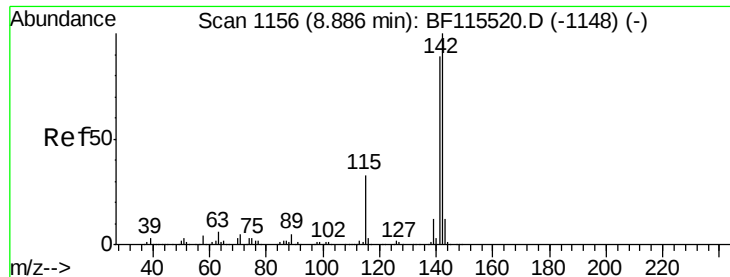
#36
4-Chloro-3-methylphenol
Concen: 34.060 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion:107 Resp: 466604
Ion Ratio Lower Upper
107 100
144 25.8 20.6 30.8
142 79.7 63.1 94.7



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

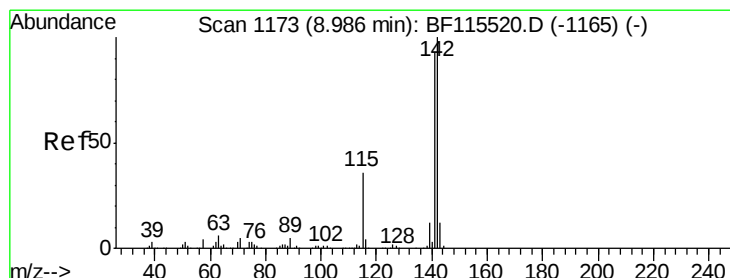
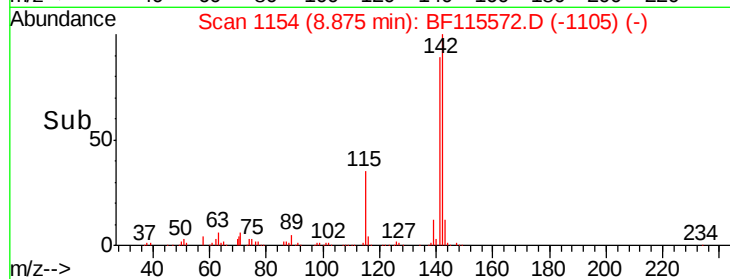
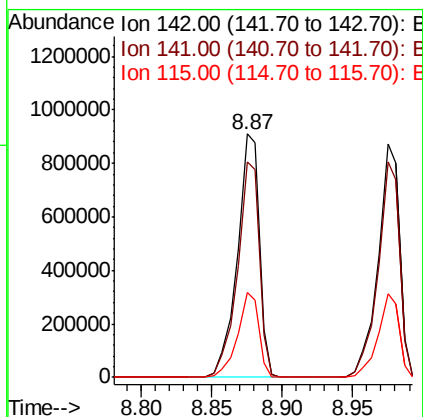
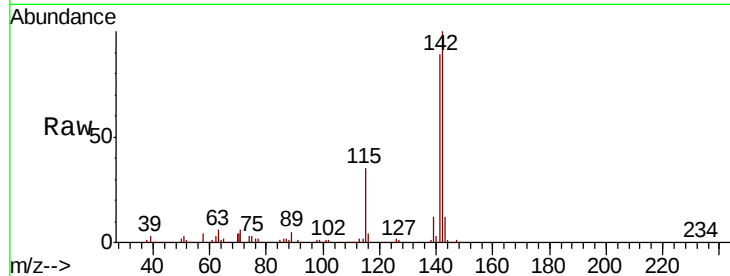




#37
2-Methylnaphthalene
Concen: 34.638 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

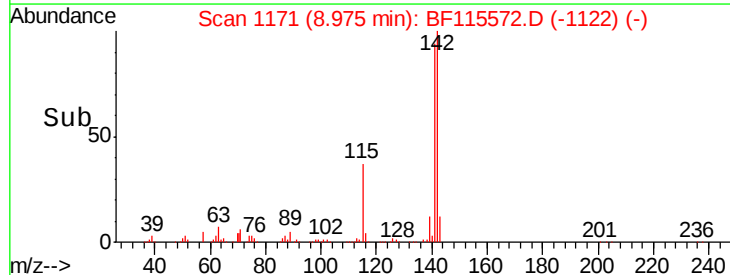
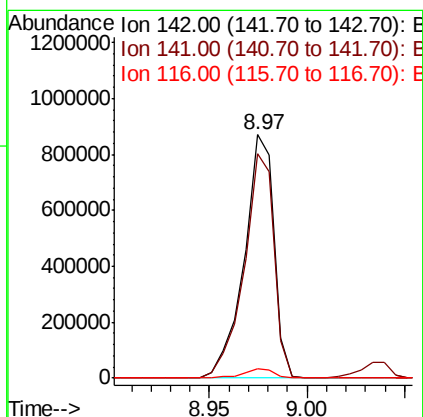
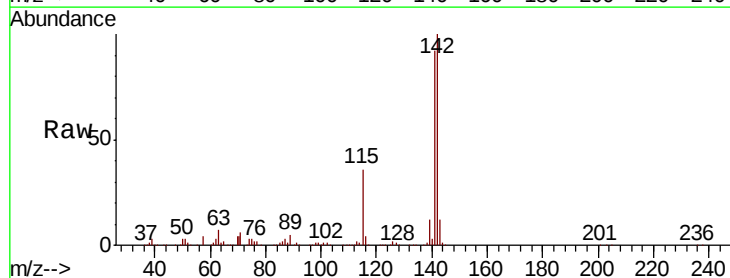
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

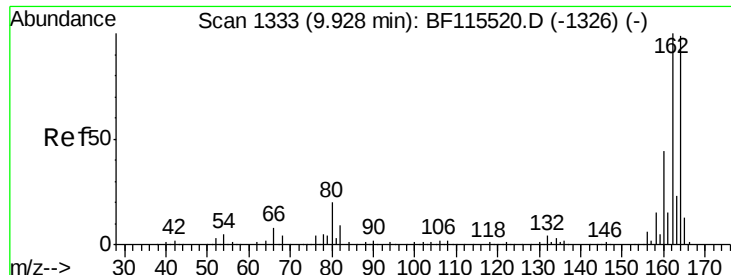
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.0	108.0
115	34.7	29.9	44.9



#38
1-Methylnaphthalene
Concen: 33.942 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.3	112.9
116	3.9	3.3	4.9

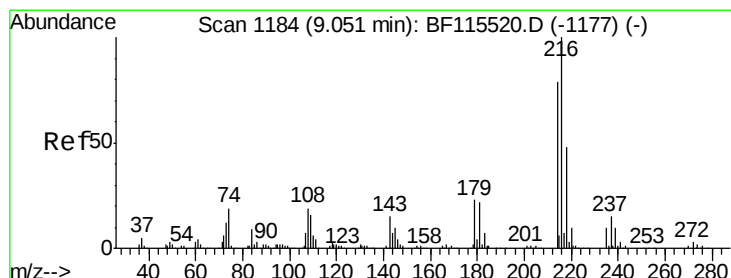
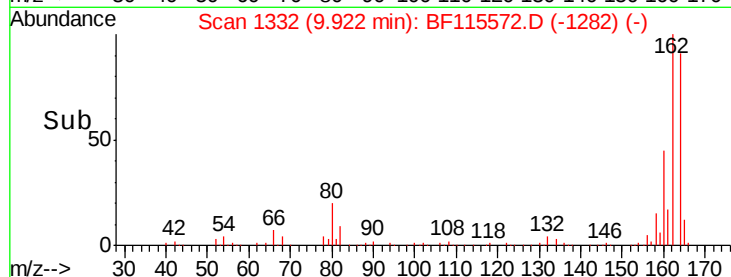
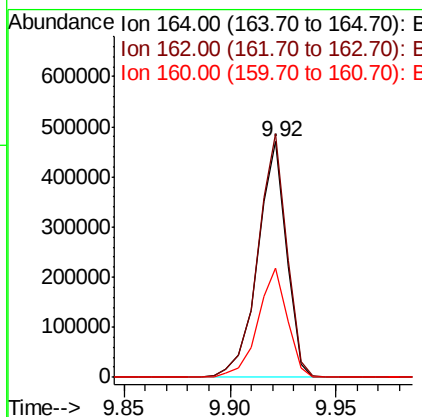
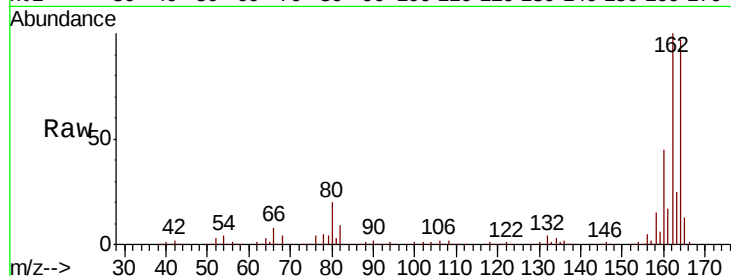




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

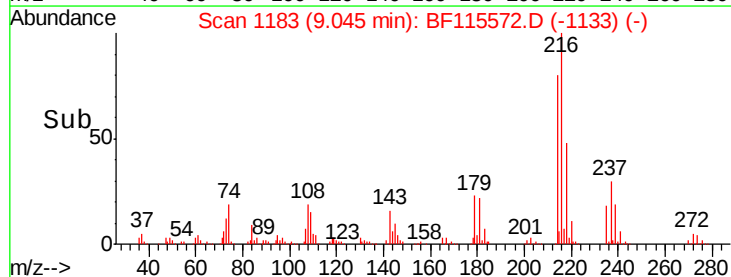
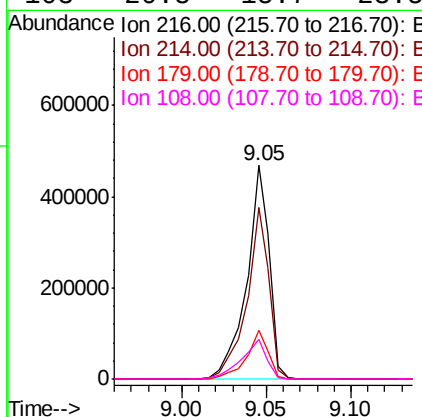
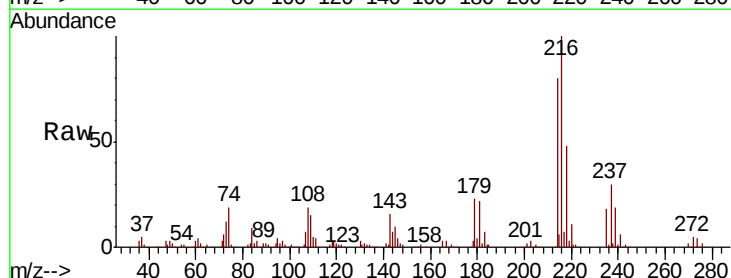
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

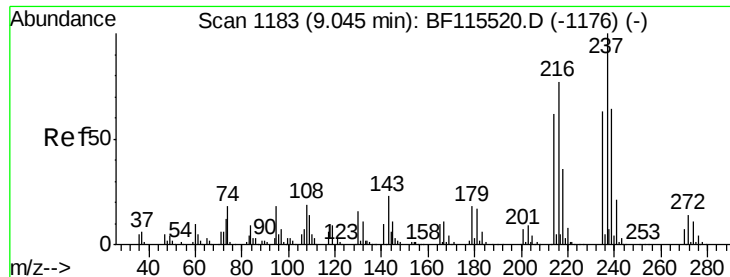
Tot Ion:164 Resp: 446295
Ion Ratio Lower Upper
164 100
162 103.4 82.9 124.3
160 46.2 36.8 55.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.576 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion:216 Resp: 437800
Ion Ratio Lower Upper
216 100
214 78.9 65.1 97.7
179 21.7 18.3 27.5
108 20.8 15.7 23.5

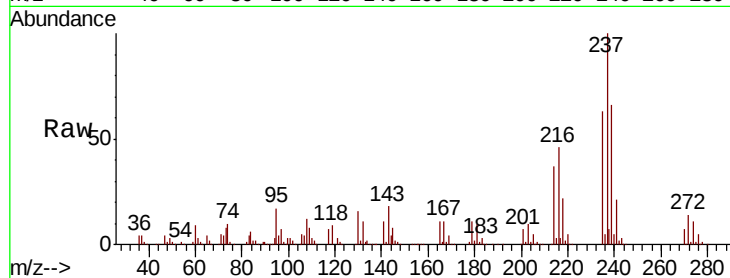




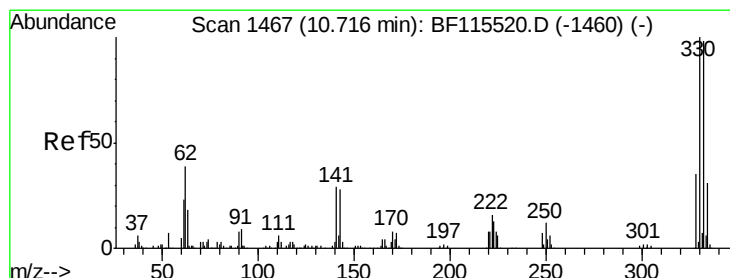
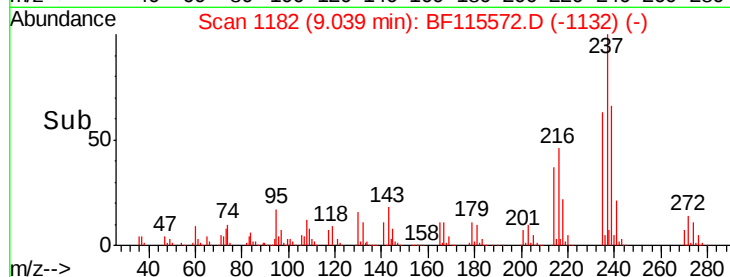
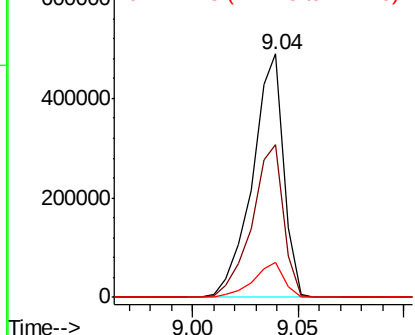
#41
Hexachlorocyclopentadiene
Concen: 65.573 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.6	83.6
272	14.1	0.0	33.9

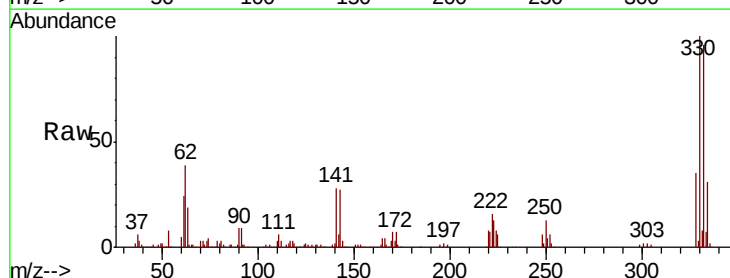


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

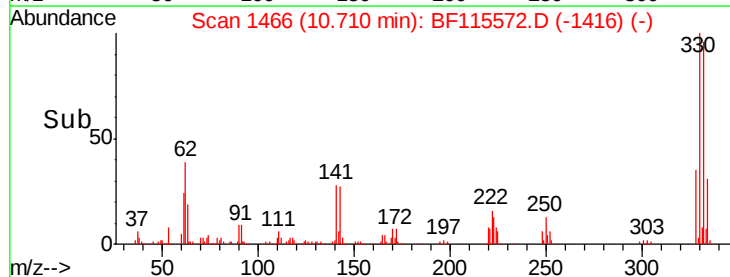
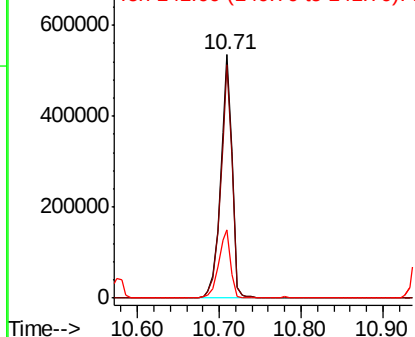


#42
2,4,6-Tribromophenol
Concen: 100.703 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.2
141	29.6	22.4	33.6



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

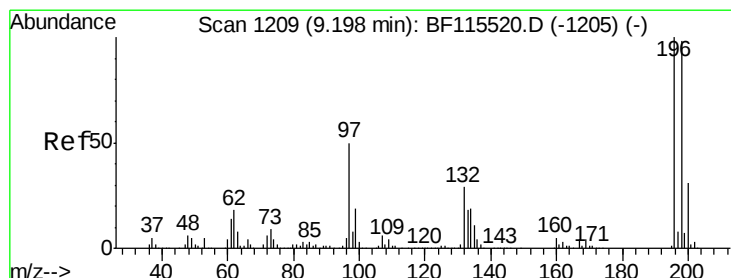
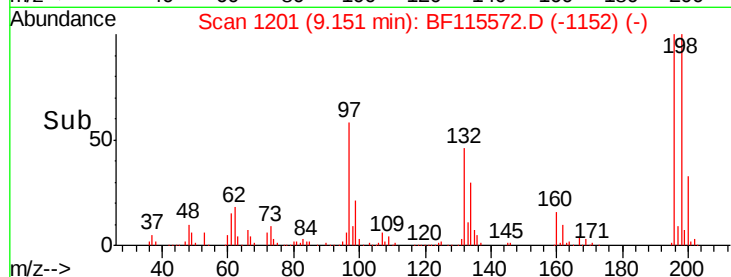
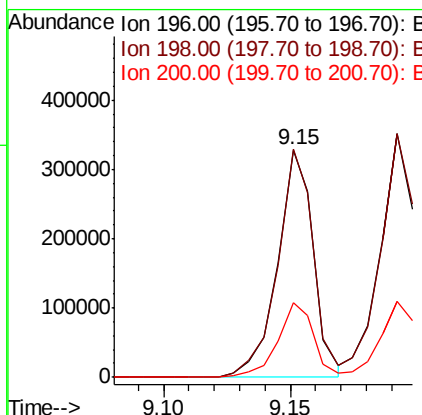
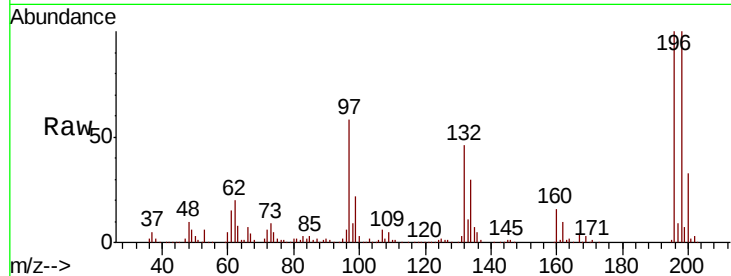




#43
 2,4,6-Trichlorophenol
 Concen: 33.087 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

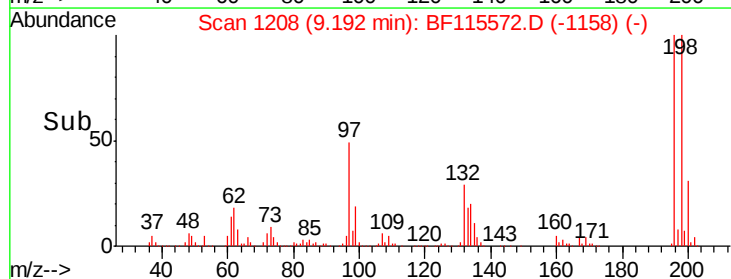
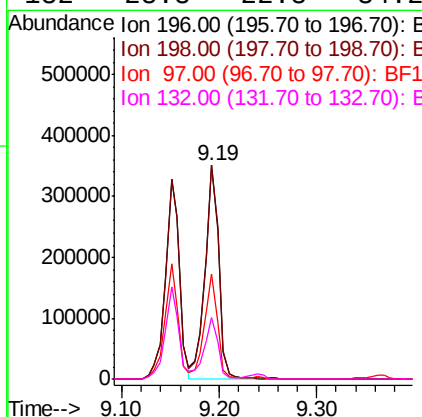
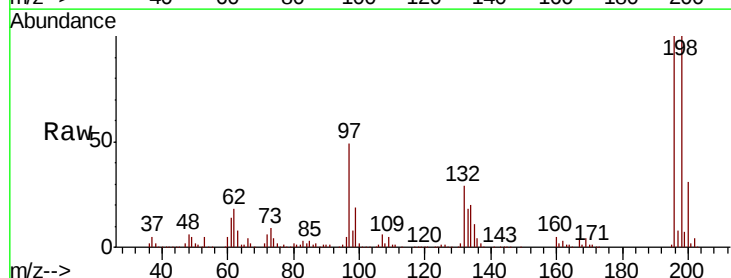
Instrument :
 BNA_F
 ClientSampled :
 TP-1MSD

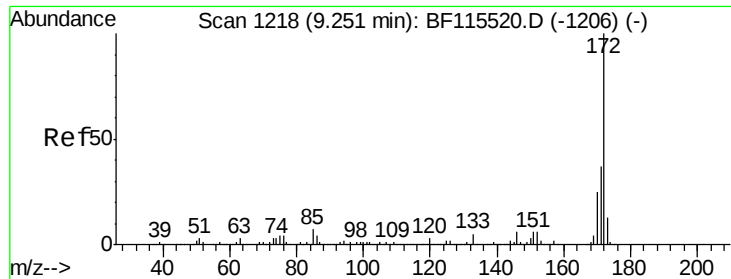
Tot Ion:196 Resp: 325184
 Ion Ratio Lower Upper
 196 100
 198 100.4 80.6 121.0
 200 32.7 25.8 38.6



#44
 2,4,5-Trichlorophenol
 Concen: 34.117 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Tgt Ion:196 Resp: 343392
 Ion Ratio Lower Upper
 196 100
 198 99.9 79.6 119.4
 97 49.4 37.8 56.6
 132 28.8 22.8 34.2

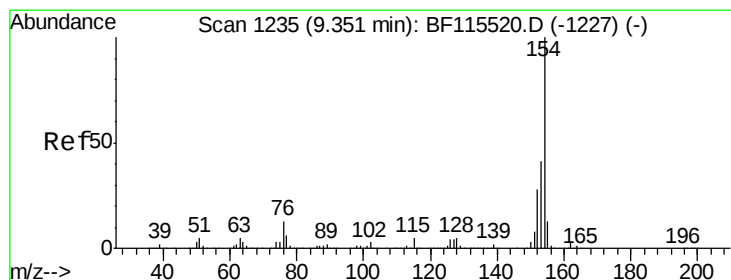
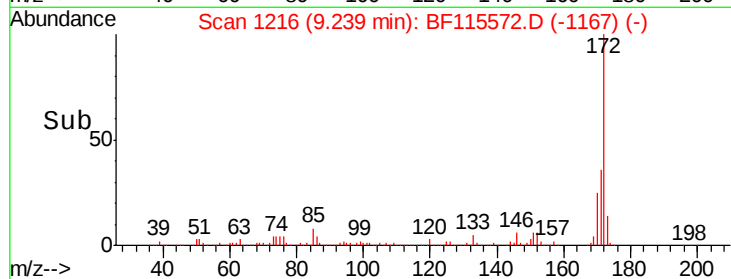
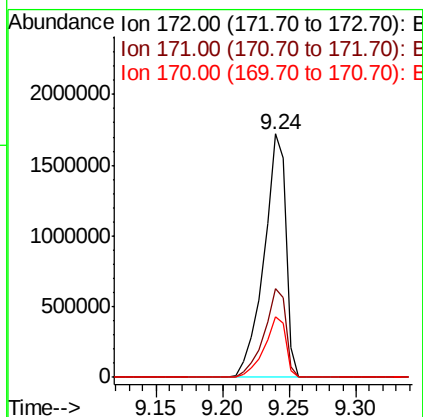
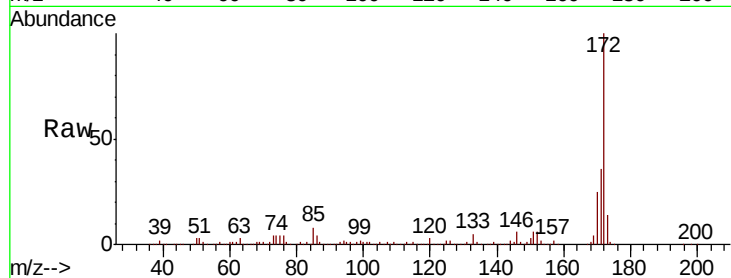




#45
2-Fluorobiphenyl
Concen: 76.560 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

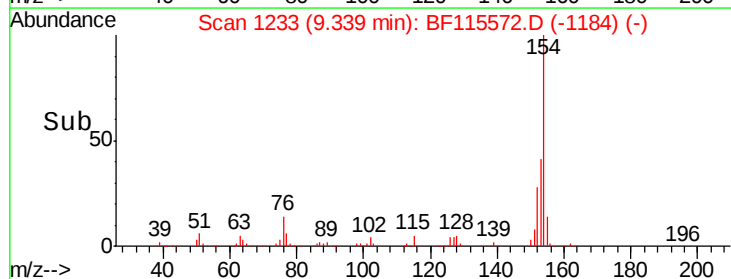
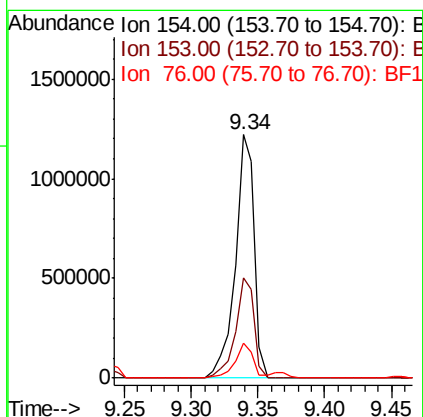
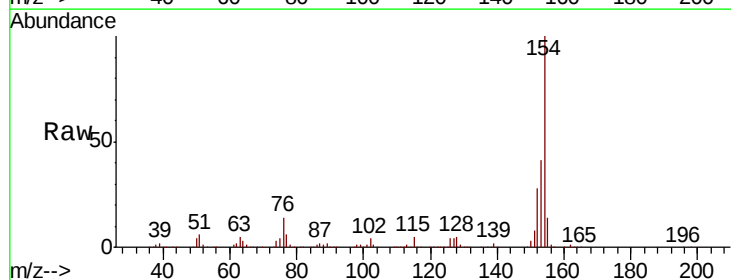
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

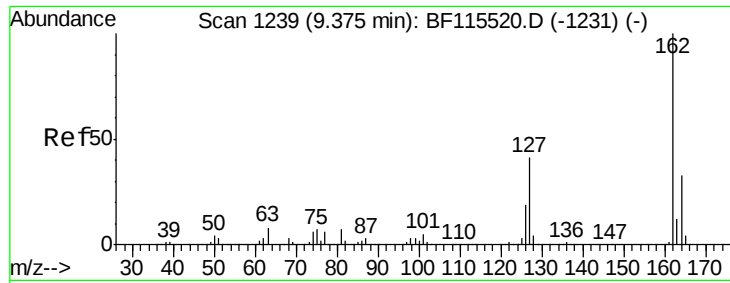
Tot Ion:172 Resp: 1952173
Ion Ratio Lower Upper
172 100
171 36.5 30.6 46.0
170 24.7 20.5 30.7



#46
1,1'-Biphenyl
Concen: 34.516 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion:154 Resp: 1204297
Ion Ratio Lower Upper
154 100
153 41.4 22.6 62.6
76 14.3 0.0 33.4

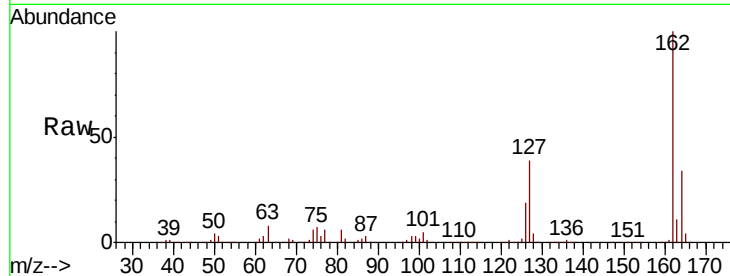




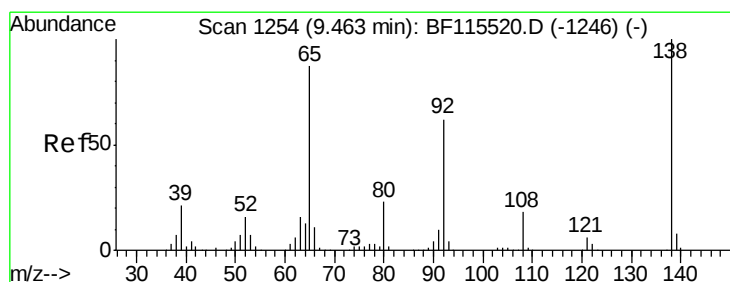
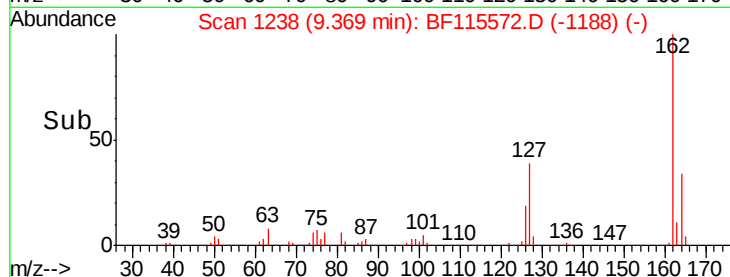
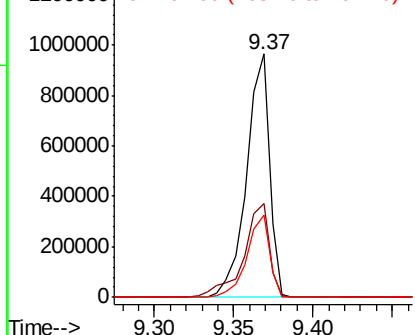
#47
2-Chloronaphthalene
Concen: 33.195 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion:162 Resp: 964377
Ion Ratio Lower Upper
162 100
127 38.5 34.1 51.1
164 33.6 27.4 41.2

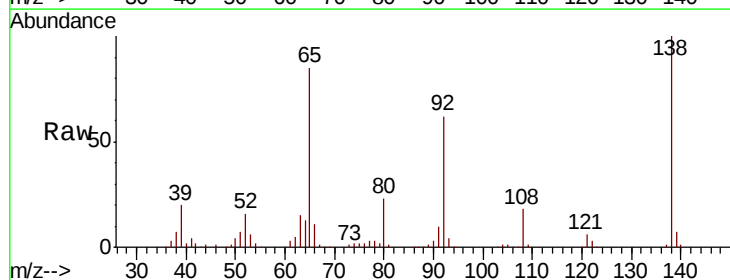


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

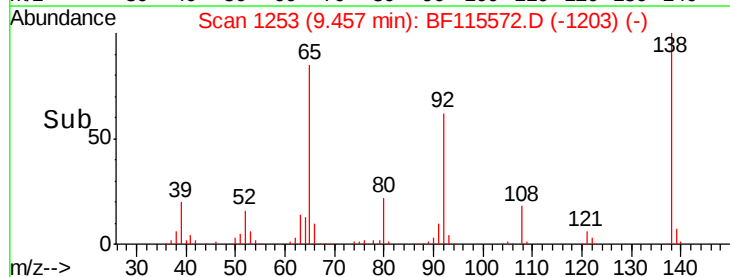
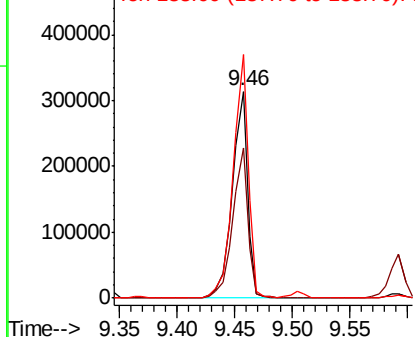


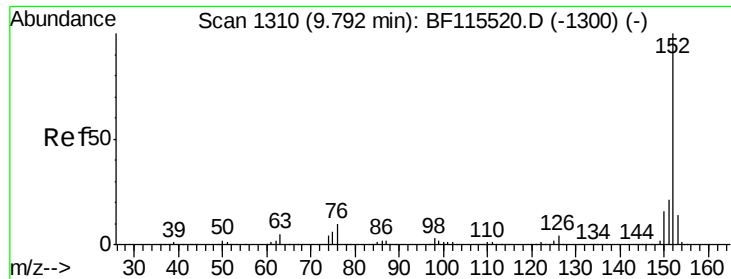
#48
2-Nitroaniline
Concen: 32.233 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion: 65 Resp: 289843
Ion Ratio Lower Upper
65 100
92 73.0 57.8 86.6
138 117.8 91.2 136.8



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: 33.667 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

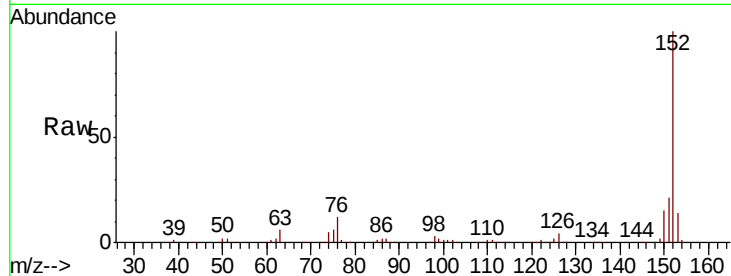
Tot Ion:152 Resp: 1449298

Ion Ratio Lower Upper

152 100

151 20.8 17.7 26.5

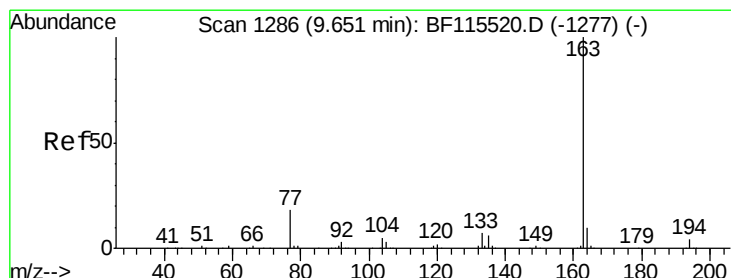
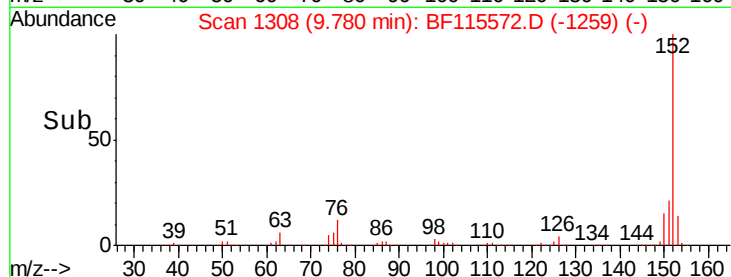
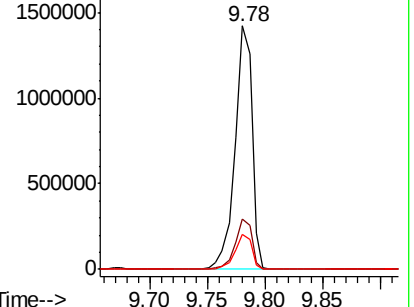
153 14.4 12.0 18.0



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: 45.534 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

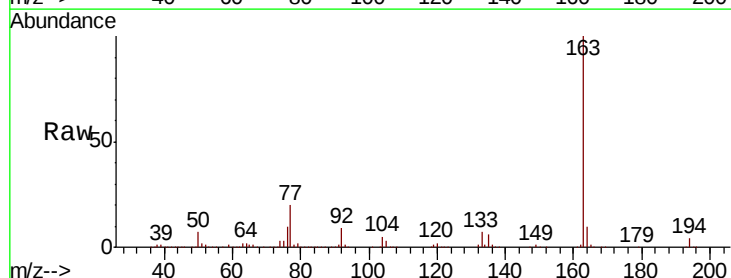
Tgt Ion:163 Resp: 1528948

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

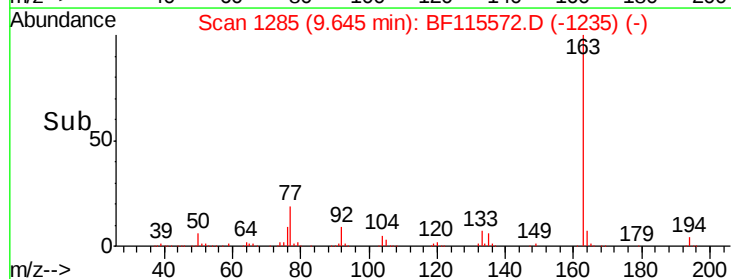
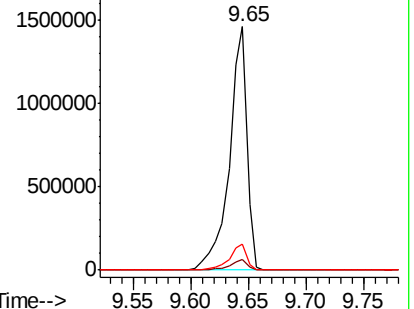
164 10.5 8.7 13.1

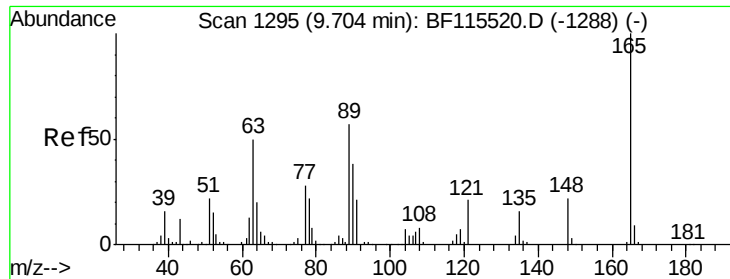


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

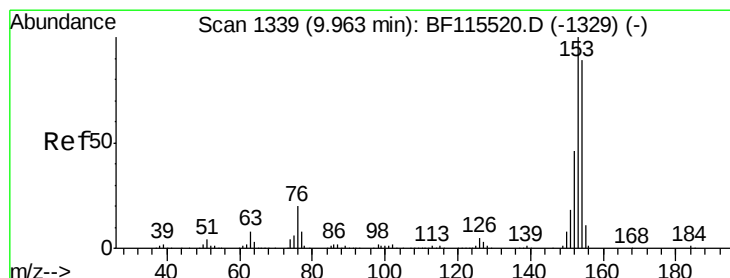
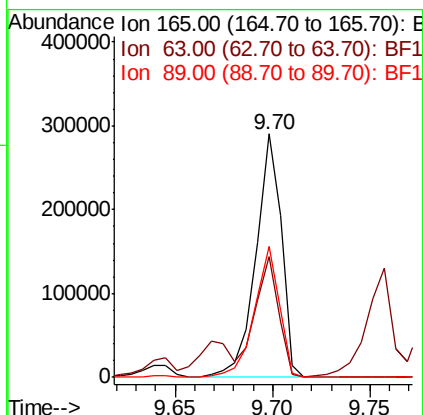
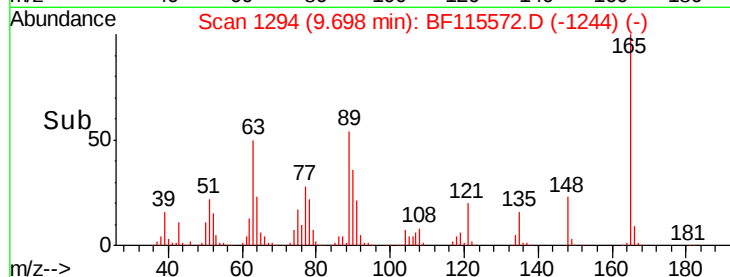
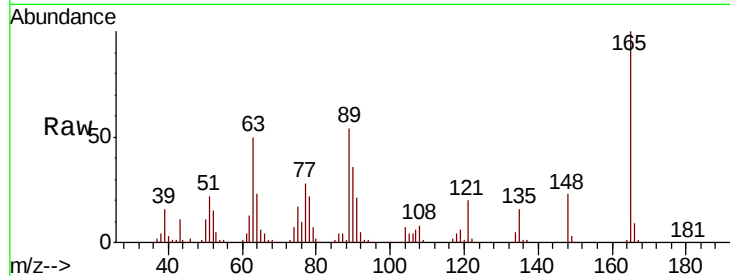




#51
2,6-Dinitrotoluene
Concen: 34.608 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

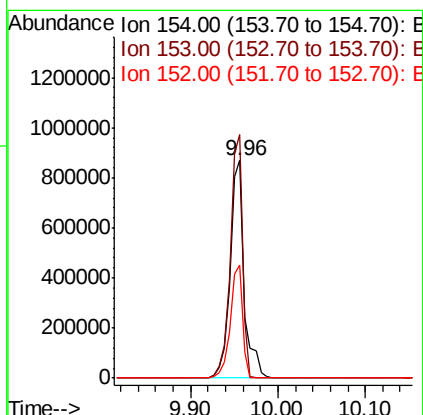
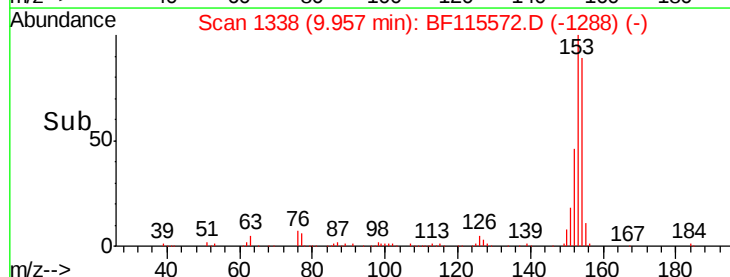
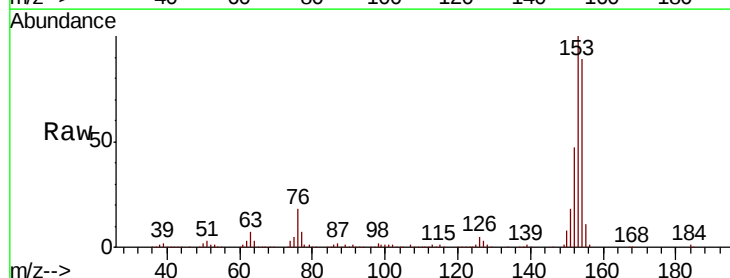
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

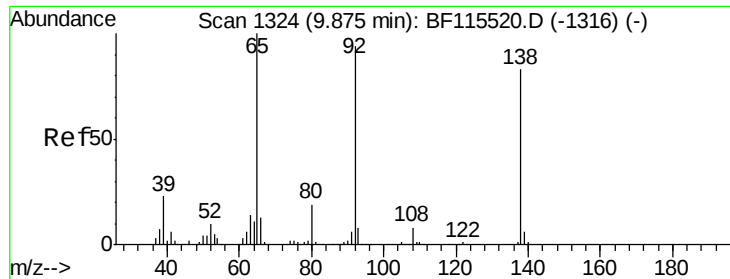
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.6	40.6	61.0
89	53.6	43.9	65.9



#52
Acenaphthene
Concen: 34.677 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.8	88.6	133.0
152	52.1	42.3	63.5

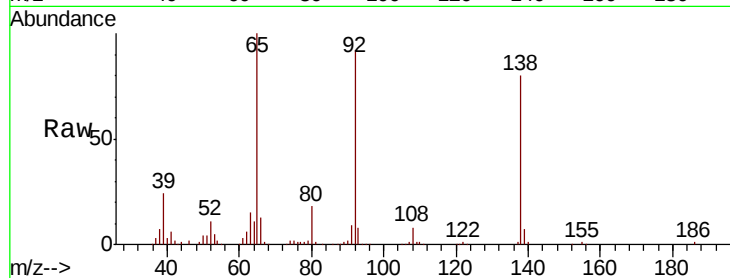




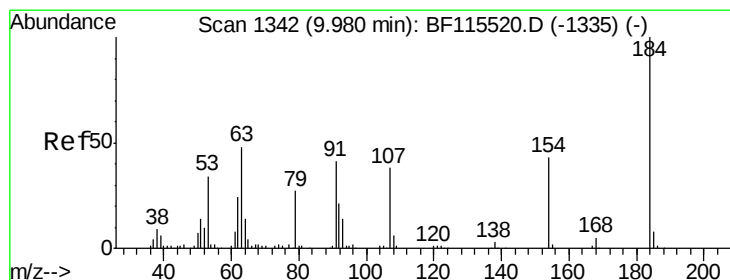
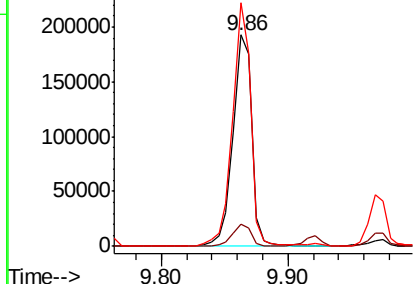
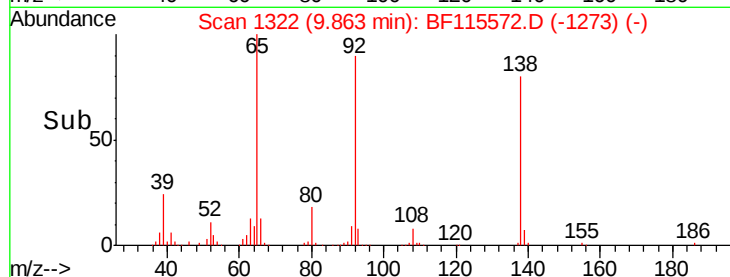
#53
 3-Nitroaniline
 Concen: 22.607 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Instrument :
 BNA_F
 ClientSampled :
 TP-1MSD

Tot Ion:138 Resp: 197137
 Ion Ratio Lower Upper
 138 100
 108 10.4 8.4 12.6
 92 115.3 88.0 132.0

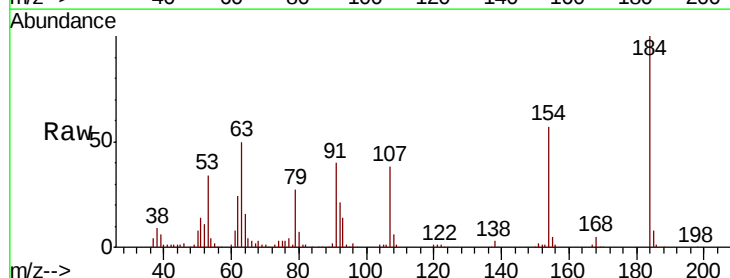


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

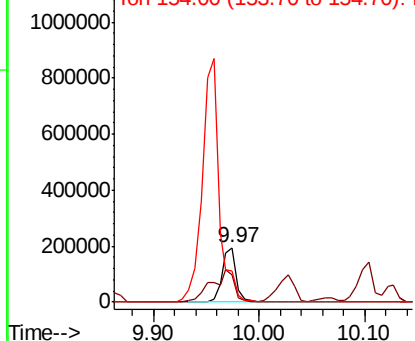
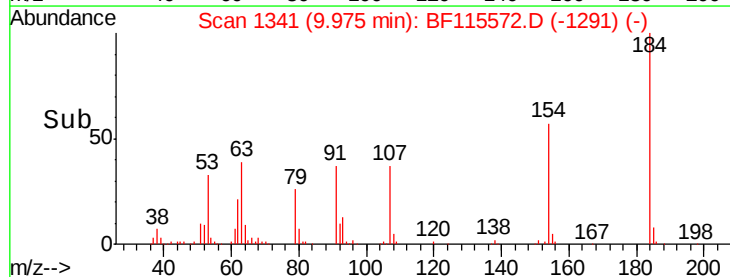


#54
 2,4-Dinitrophenol
 Concen: 46.606 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Tgt Ion:184 Resp: 182593
 Ion Ratio Lower Upper
 184 100
 63 49.5 48.7 73.1
 154 57.3 48.6 73.0



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

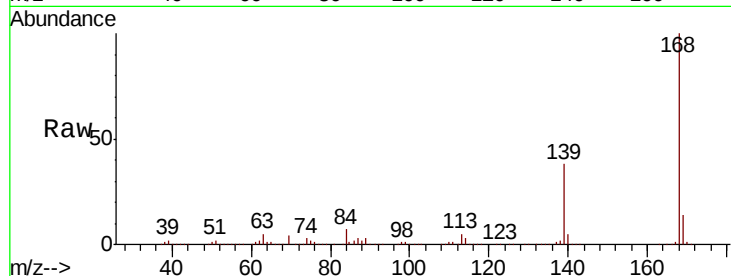




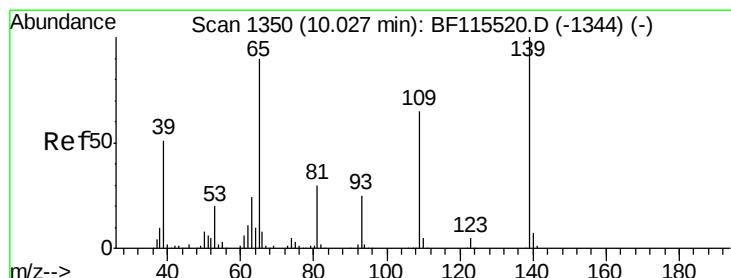
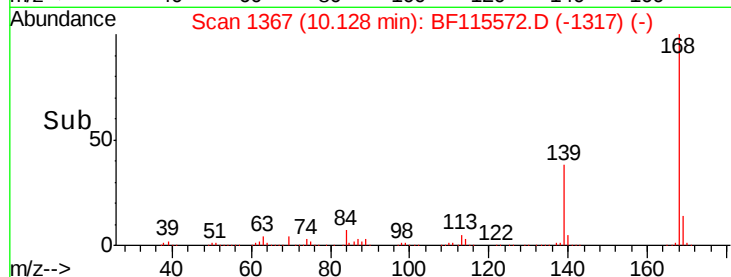
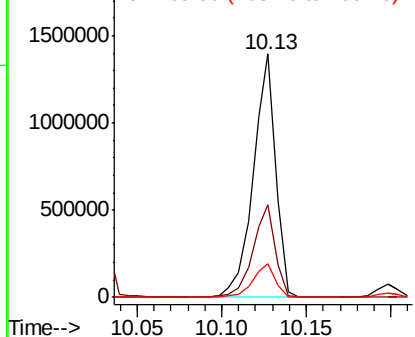
#55
Dibenzofuran
Concen: 32.853 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion:168 Resp: 1296664
Ion Ratio Lower Upper
168 100
139 37.9 31.1 46.7
169 13.8 11.1 16.7

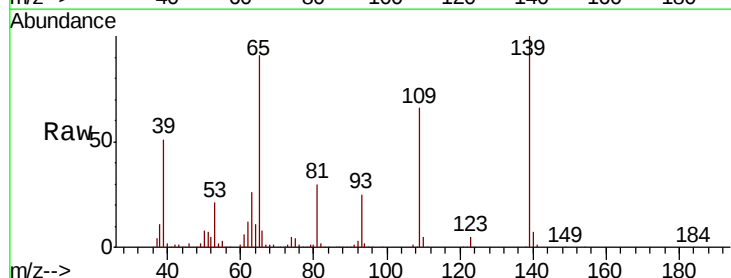


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

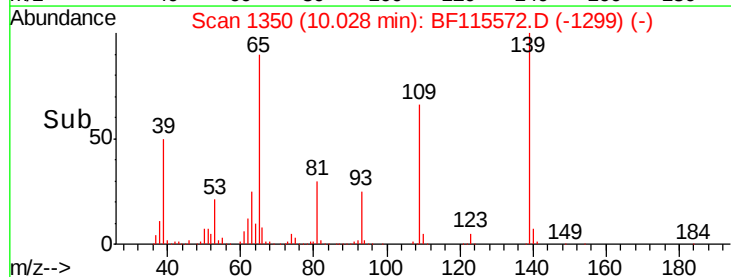
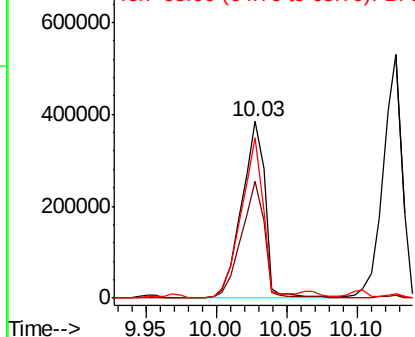


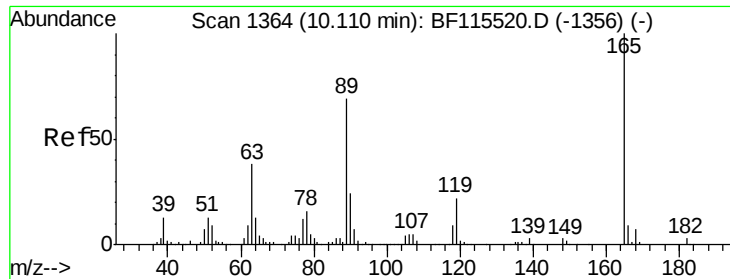
#56
4-Nitrophenol
Concen: 67.062 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion:139 Resp: 445933
Ion Ratio Lower Upper
139 100
109 66.4 46.4 86.4
65 90.6 68.9 108.9



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

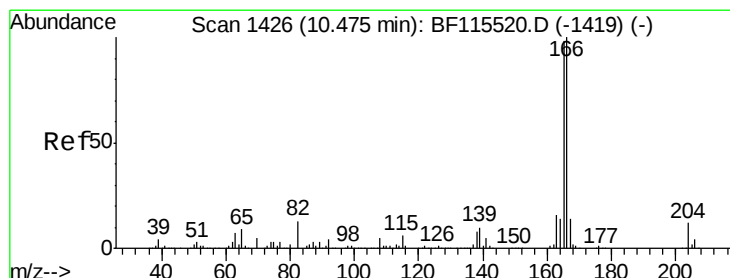
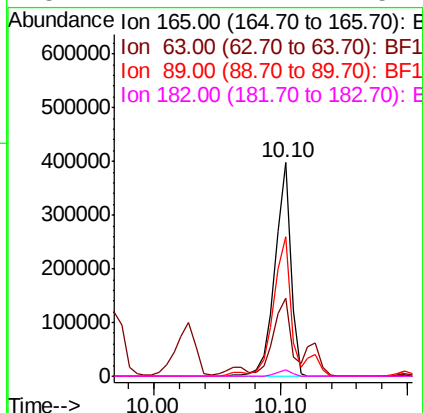
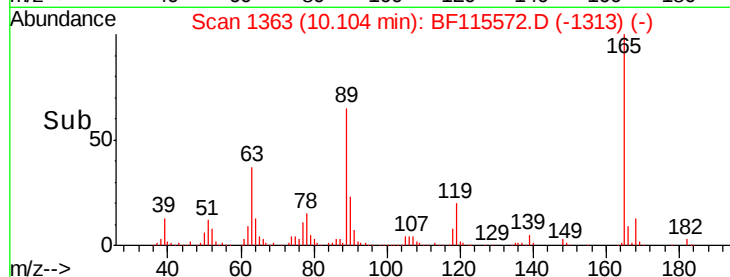
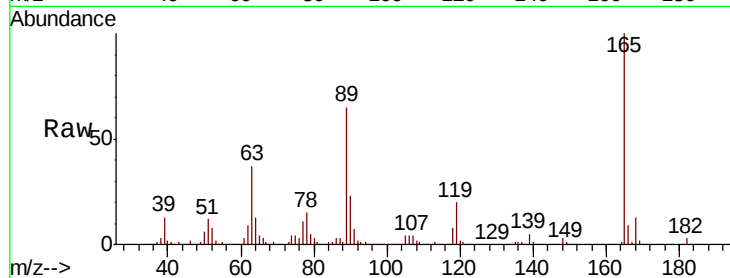




#57
 2,4-Dinitrotoluene
 Concen: 34.797 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

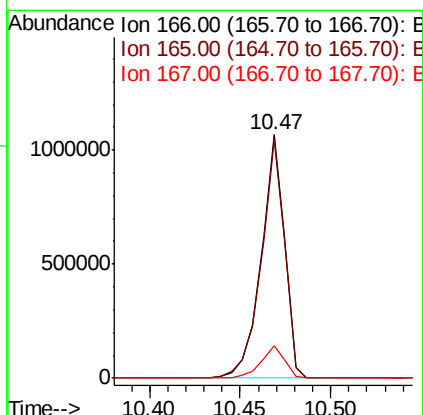
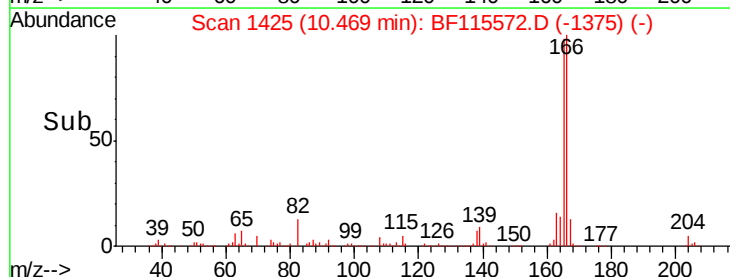
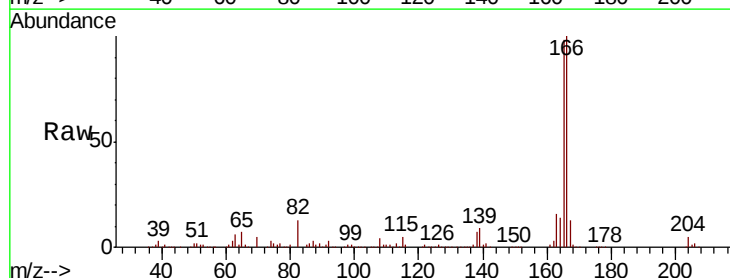
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion:	165	Resp:	344006
Ion	Ratio	Lower	Upper
165	100		
63	36.5	34.9	52.3
89	65.2	57.5	86.3
182	2.7	2.2	3.4



#58
 Fluorene
 Concen: 33.873 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Tgt Ion:	166	Resp:	955754
Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.8	119.6
167	13.5	11.2	16.8

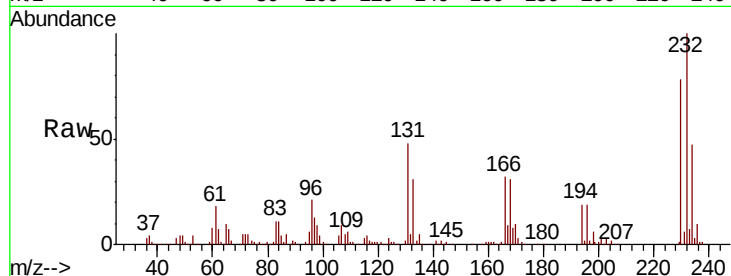




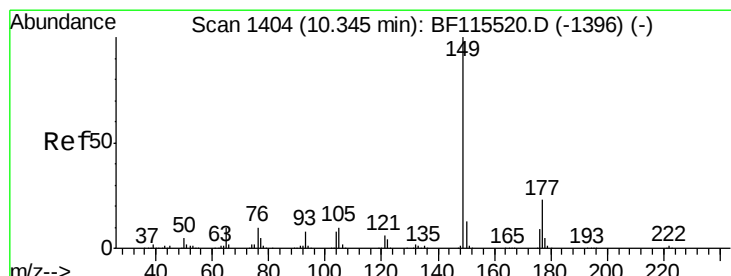
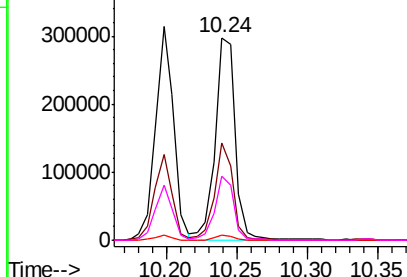
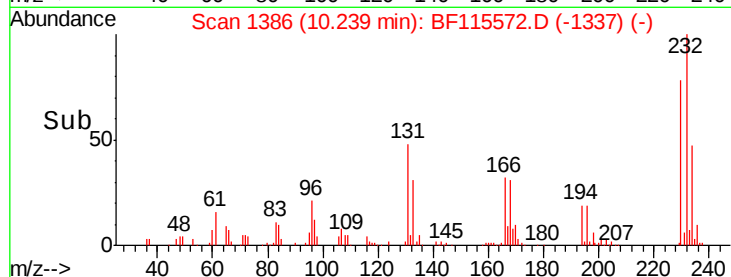
#59
2,3,4,6-Tetrachlorophenol
Concen: 34.689 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tot Ion:232 Resp: 291870
Ion Ratio Lower Upper
232 100
131 44.4 35.9 53.9
130 2.2 1.8 2.6
166 29.7 24.8 37.2

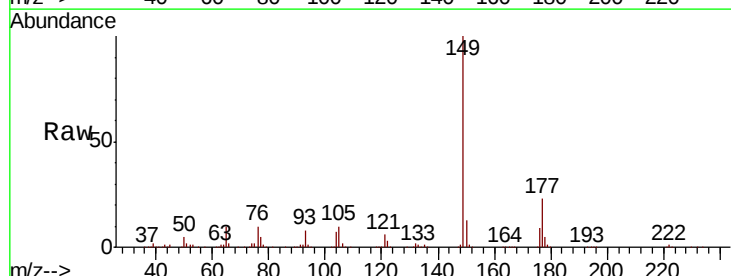


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

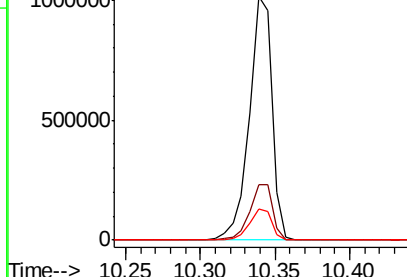
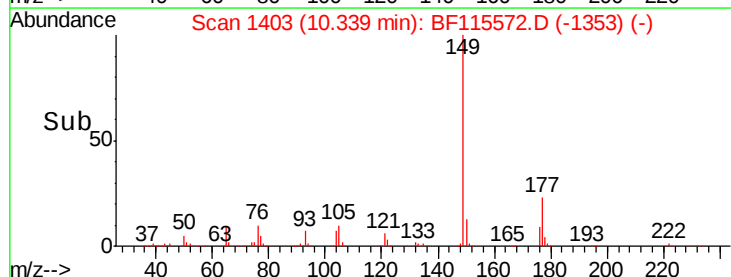


#60
Diethylphthalate
Concen: 33.687 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion:149 Resp: 1059841
Ion Ratio Lower Upper
149 100
177 22.9 19.5 29.3
150 13.0 10.4 15.6



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

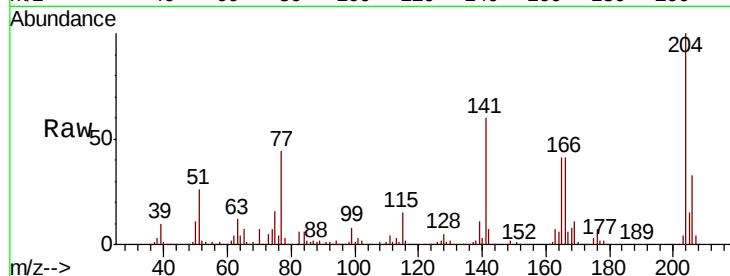




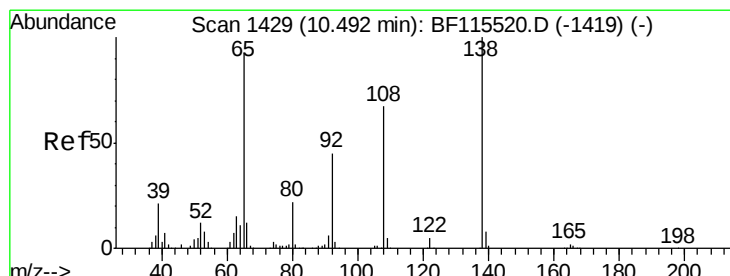
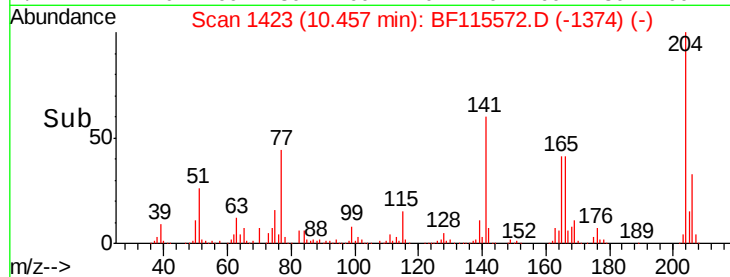
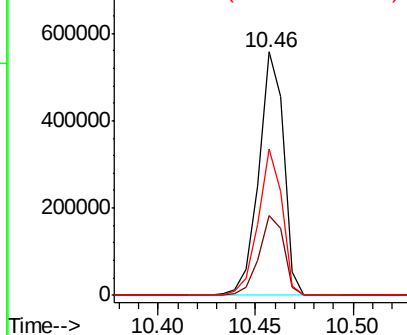
#61
 4-Chlorophenyl-phenylether
 Concen: 31.460 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion:	204	Resp:	492260
Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.7	40.1
141	60.1	44.2	66.2

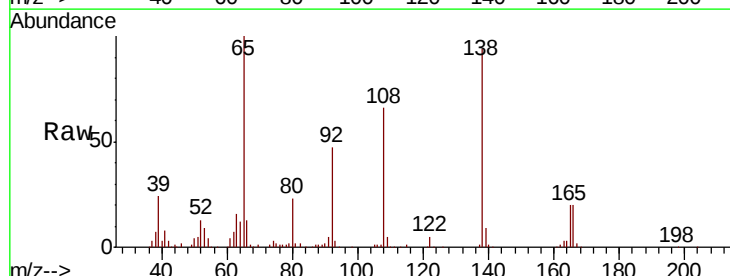


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

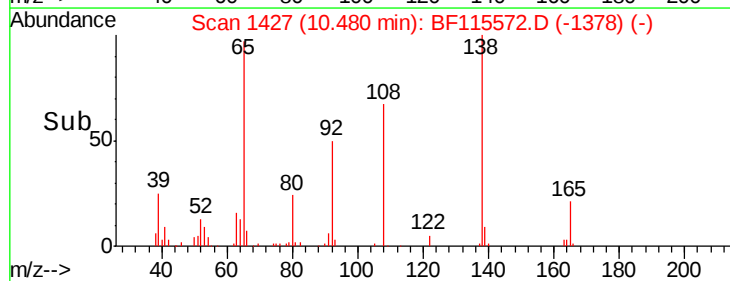
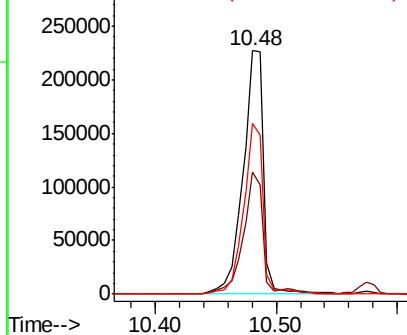


#62
 4-Nitroaniline
 Concen: 32.016 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Tgt Ion:	138	Resp:	267801
Ion	Ratio	Lower	Upper
138	100		
92	50.3	27.1	67.1
108	69.9	48.0	88.0



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

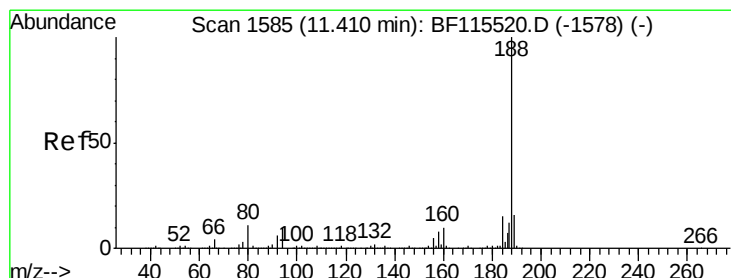
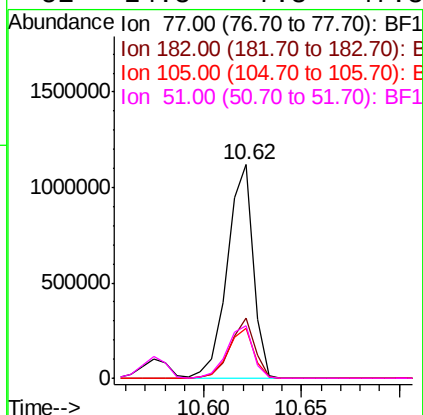
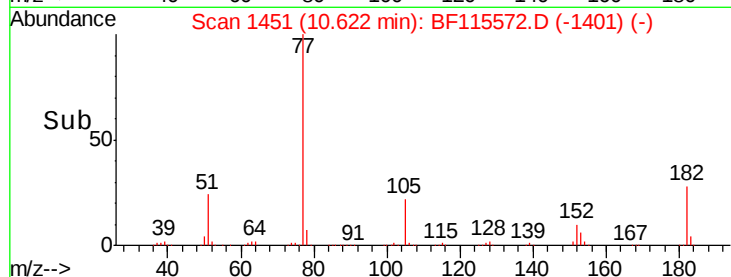
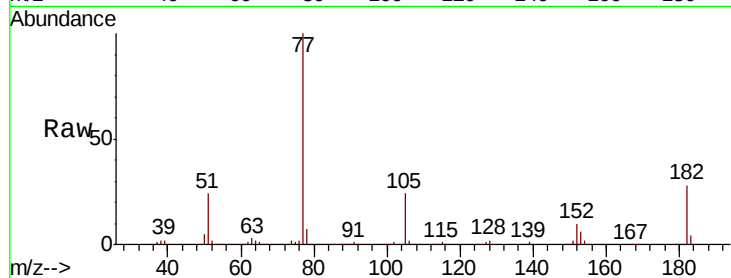




#63
Azobenzene
Concen: 33.830 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

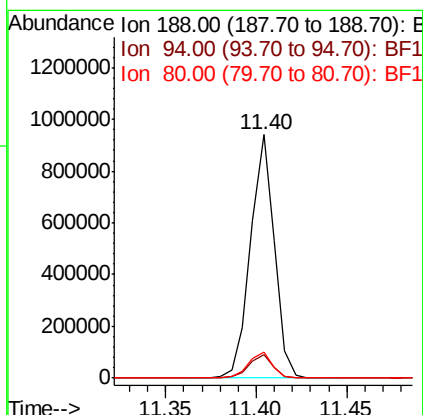
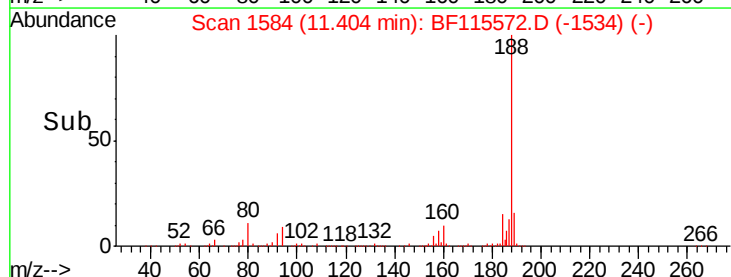
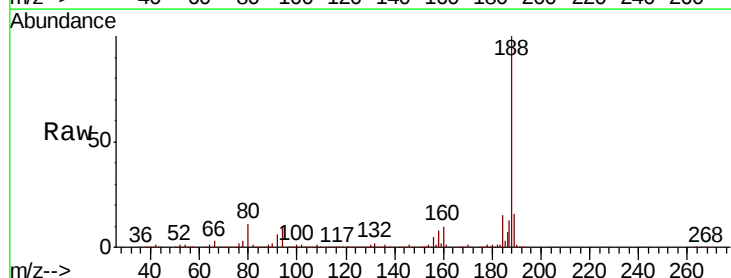
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

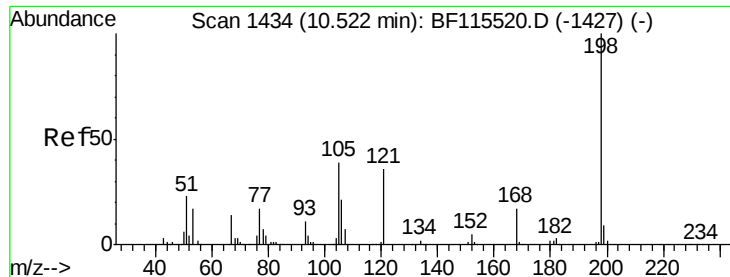
Tot Ion: 77 Resp: 1032364
Ion Ratio Lower Upper
77 100
182 28.2 6.9 46.9
105 23.5 3.9 43.9
51 24.3 7.3 47.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion: 188 Resp: 861674
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 10.8 8.6 13.0

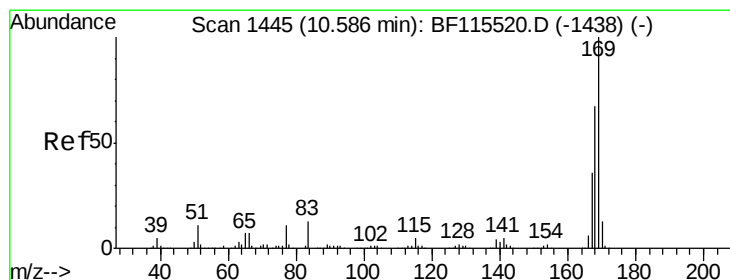
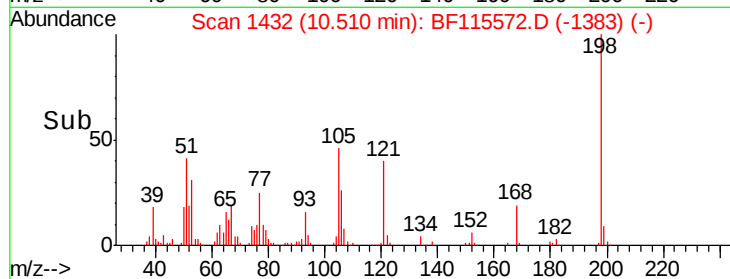
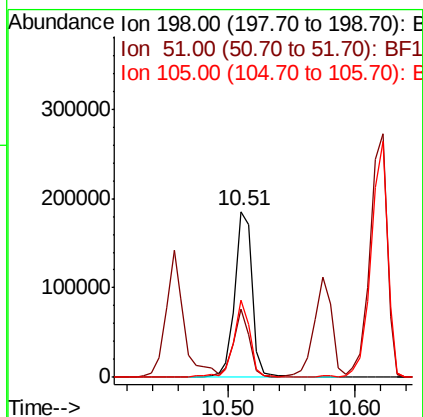
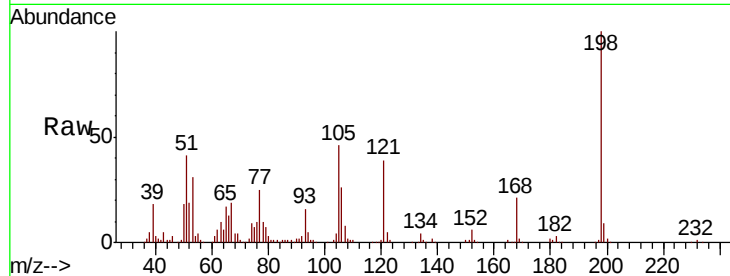




#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.294 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

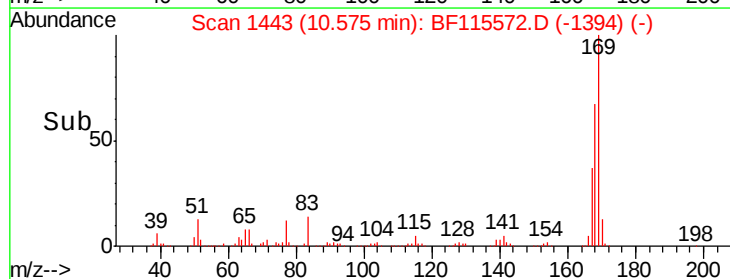
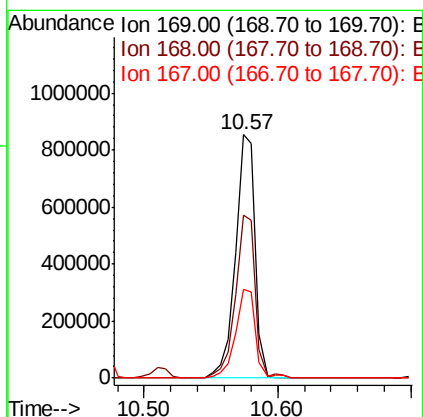
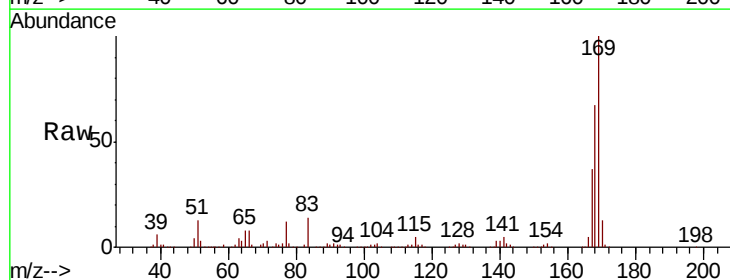
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion:198 Resp: 175278
 Ion Ratio Lower Upper
 198 100
 51 41.2 19.1 59.1
 105 46.3 23.6 63.6



#66
 n-Nitrosodiphenylamine
 Concen: 32.862 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Tgt Ion:169 Resp: 880833
 Ion Ratio Lower Upper
 169 100
 168 66.9 54.3 81.5
 167 36.7 30.2 45.2

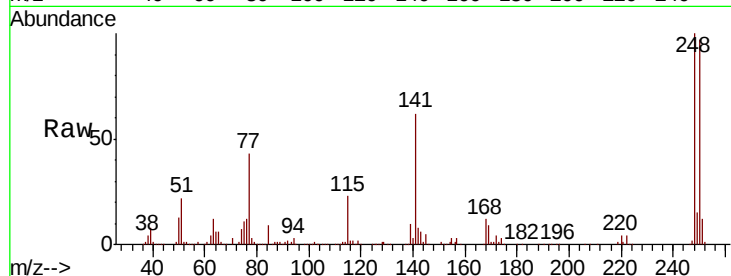




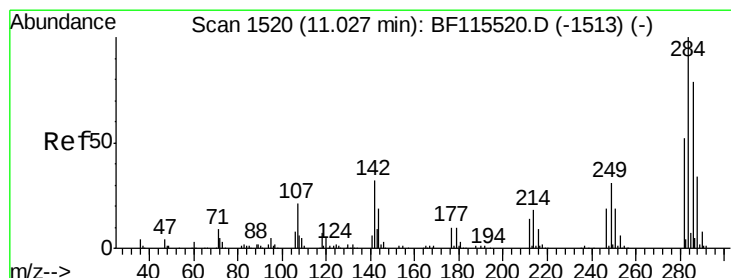
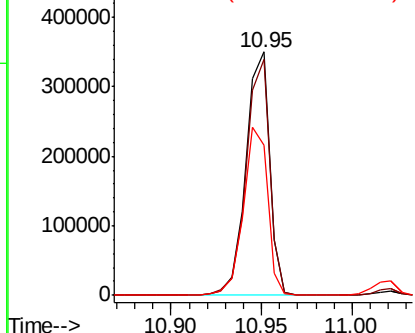
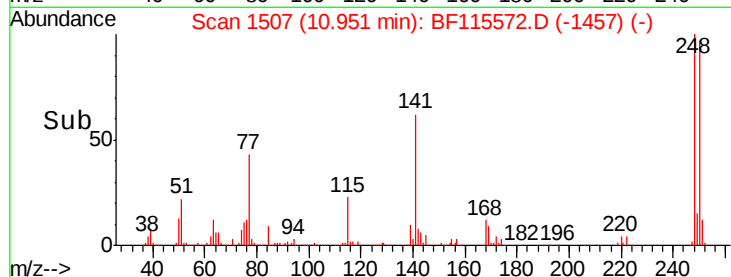
#67
 4-Bromophenyl-phenylether
 Concen: 32.301 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion:248 Resp: 318066
 Ion Ratio Lower Upper
 248 100
 250 96.9 78.0 117.0
 141 61.9 57.7 86.5

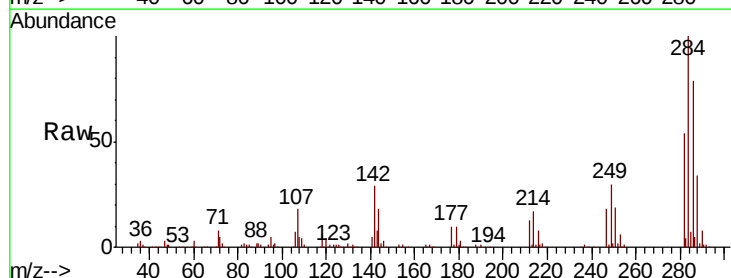


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

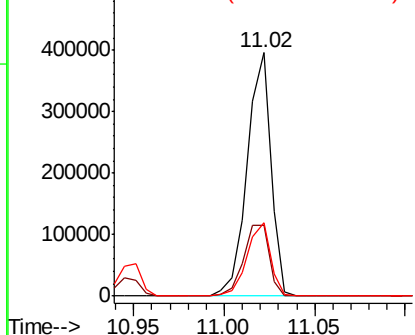
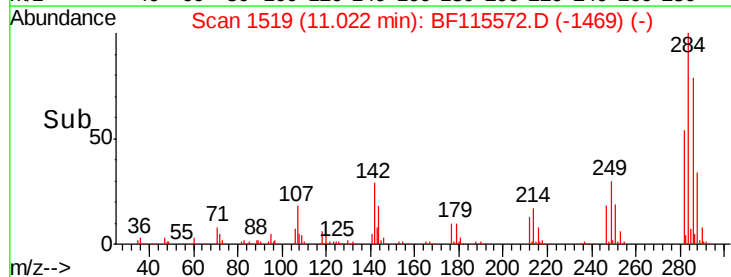


#68
 Hexachlorobenzene
 Concen: 32.138 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Tgt Ion:284 Resp: 361397
 Ion Ratio Lower Upper
 284 100
 142 29.0 22.2 33.2
 249 29.9 23.4 35.2



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

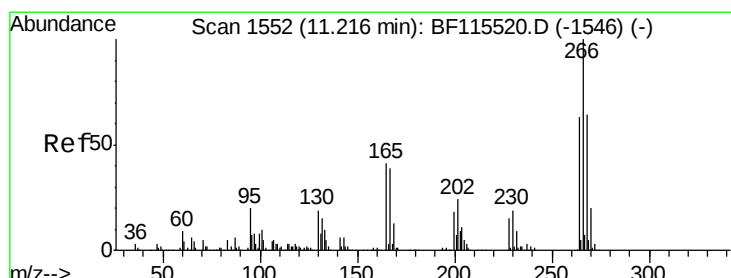
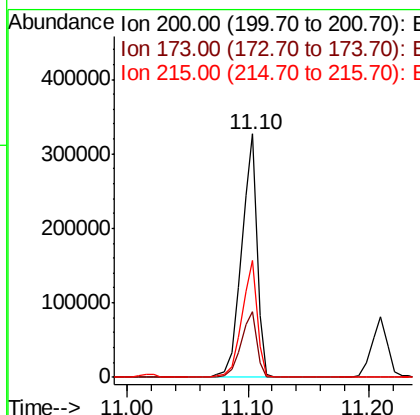
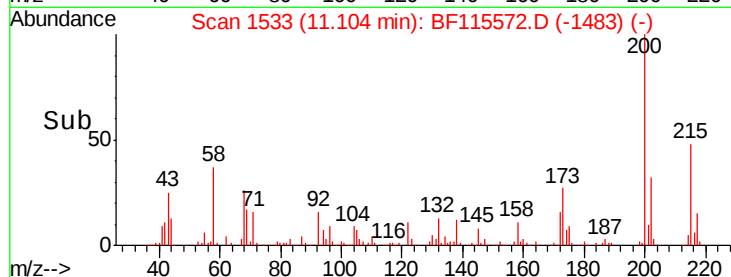
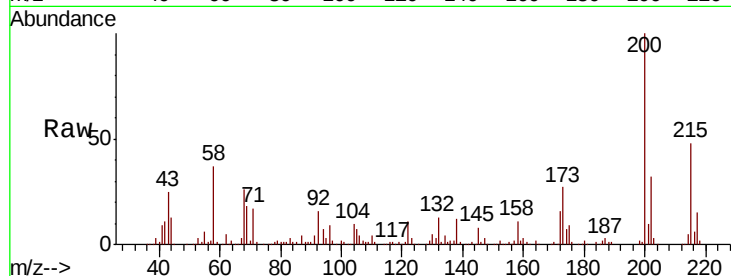




#69
Atrazine
Concen: 33.285 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

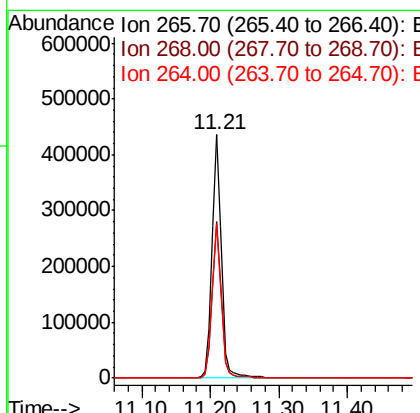
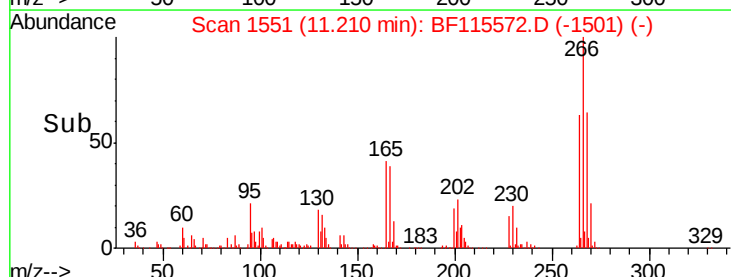
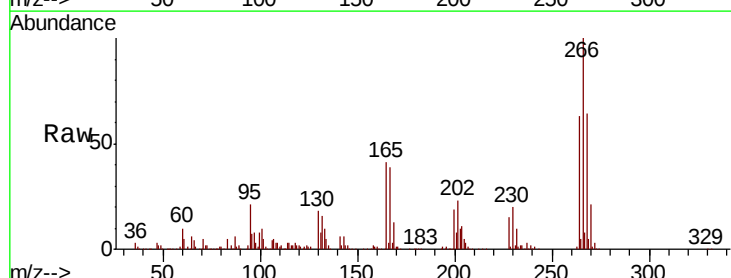
Instrument :
BNA_F
ClientSampled :
TP-1MSD

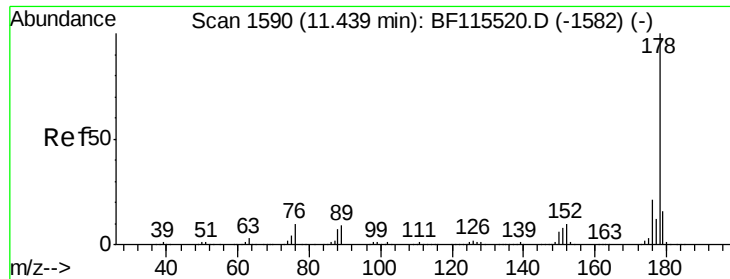
Tot Ion:200 Resp: 292674
Ion Ratio Lower Upper
200 100
173 27.0 6.9 46.9
215 48.2 27.9 67.9



#70
Pentachlorophenol
Concen: 61.696 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion:266 Resp: 424334
Ion Ratio Lower Upper
266 100
268 64.1 51.6 77.4
264 63.4 50.6 76.0

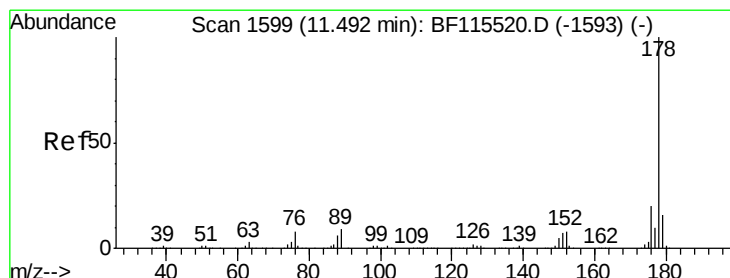
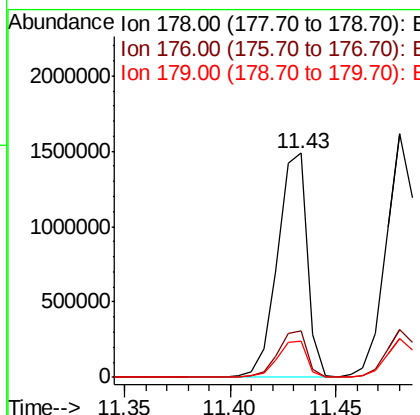
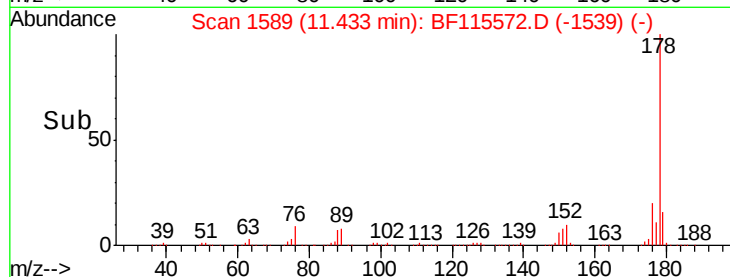
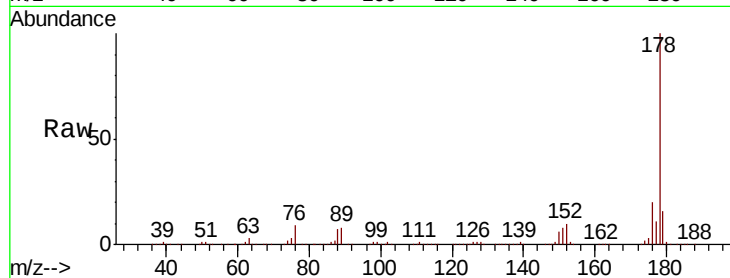




#71
Phenanthrene
Concen: 33.177 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

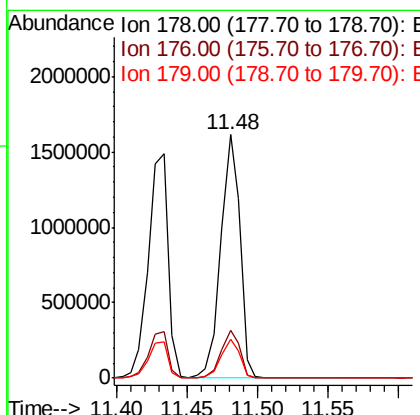
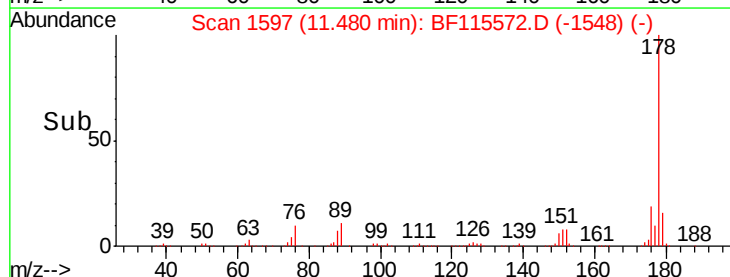
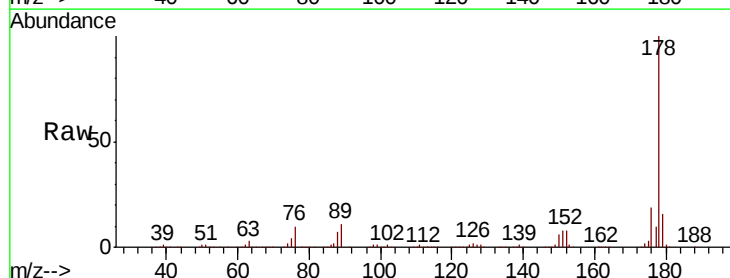
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

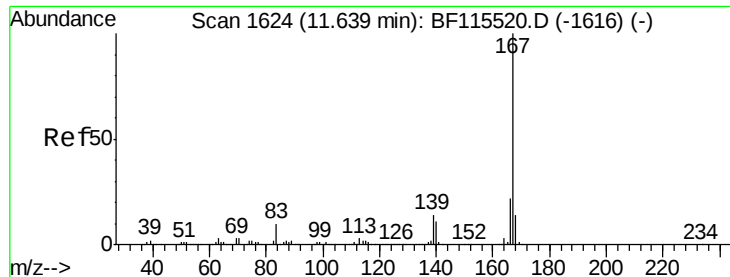
Tot Ion:178 Resp: 1465377
Ion Ratio Lower Upper
178 100
176 20.5 17.2 25.8
179 16.0 13.5 20.3



#72
Anthracene
Concen: 33.259 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion:178 Resp: 1518156
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 16.0 12.7 19.1



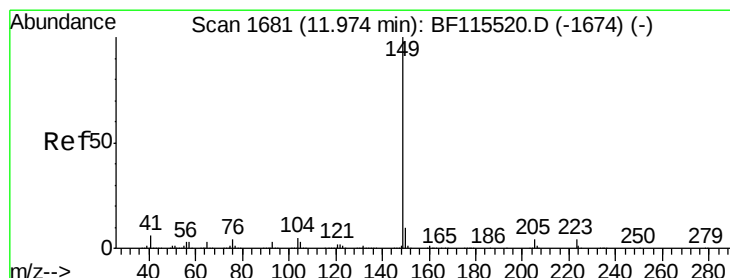
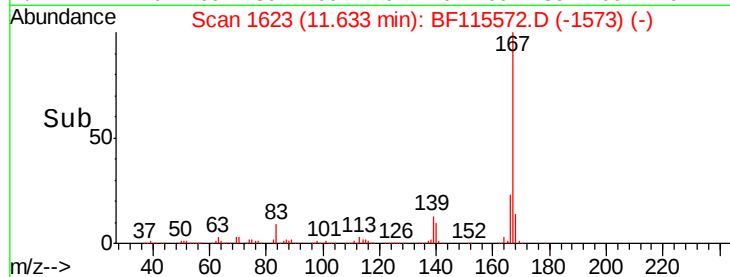
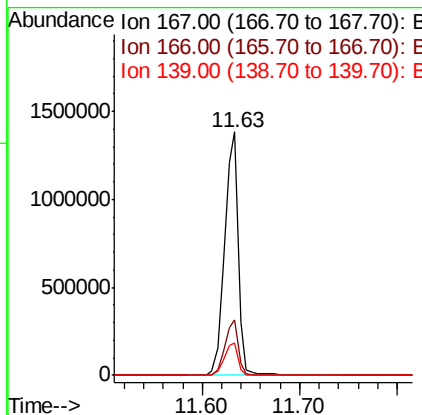
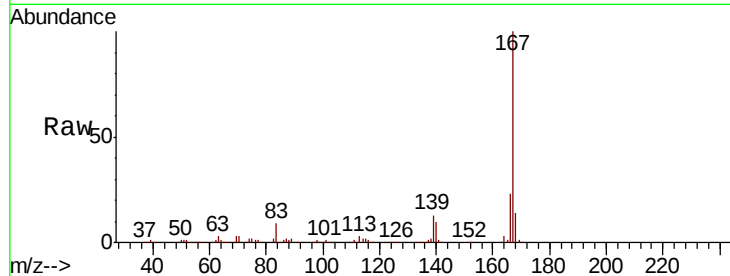


#73
 Carbazole
 Concen: 33.459 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion:167 Resp: 1339307

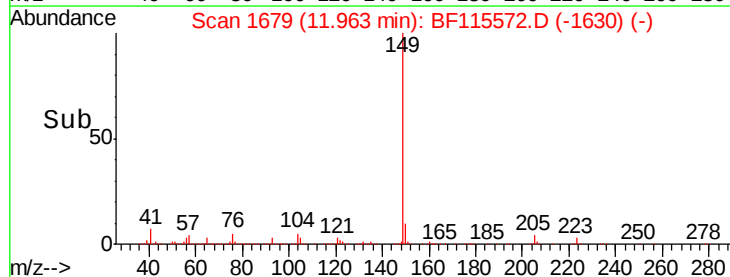
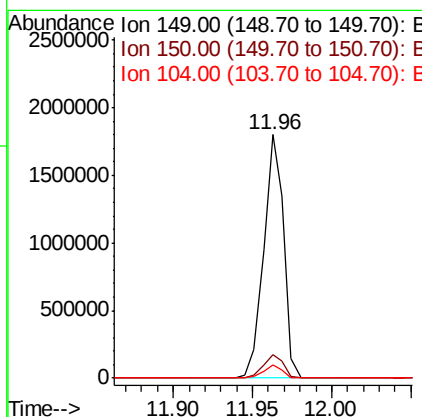
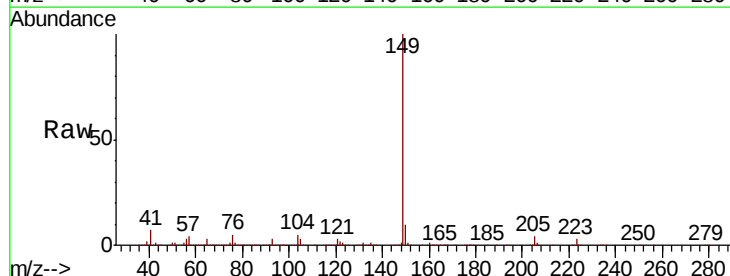
Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.1	27.1
139	13.3	11.3	16.9

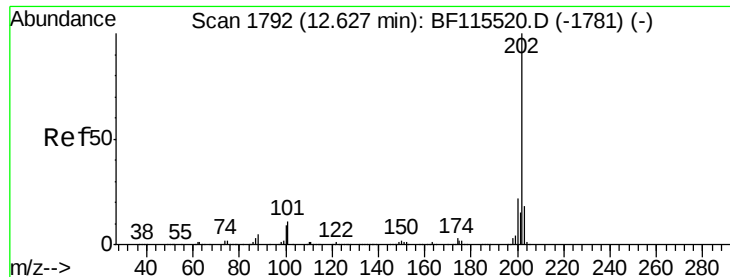


#74
 Di-n-butylphthalate
 Concen: 32.285 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115572.D
 Acq: 15 Jul 2019 22:20

Tgt Ion:149 Resp: 1591864

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.2	3.8	5.8





#75

Fluoranthene

Concen: 33.178 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

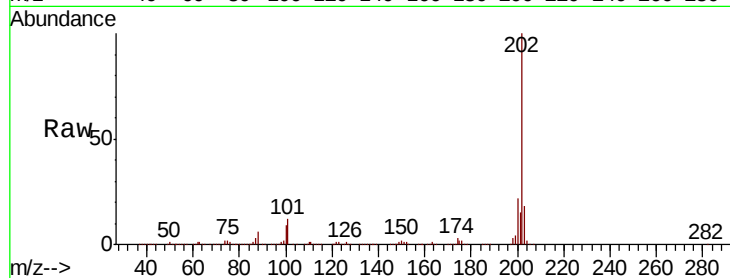
Tot Ion:202 Resp: 1548588

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.4

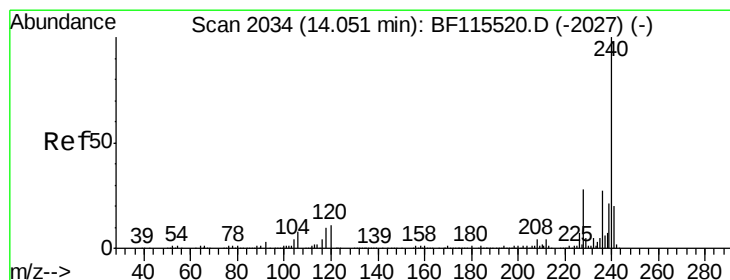
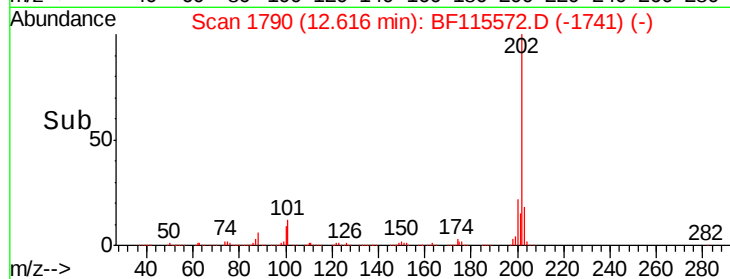
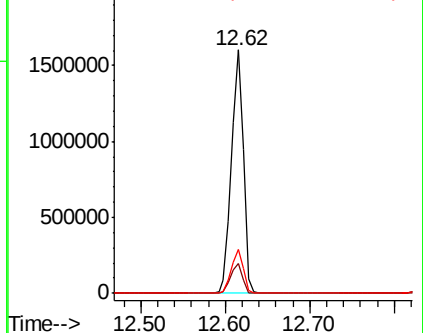
203 18.2 0.0 38.1



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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

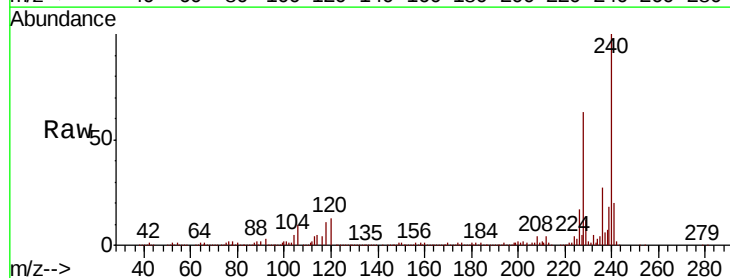
Tgt Ion:240 Resp: 578433

Ion Ratio Lower Upper

240 100

120 12.9 8.6 13.0

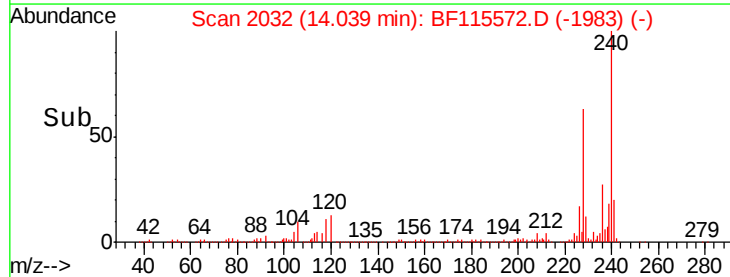
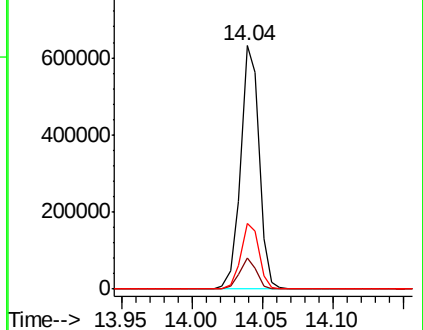
236 26.9 21.3 31.9

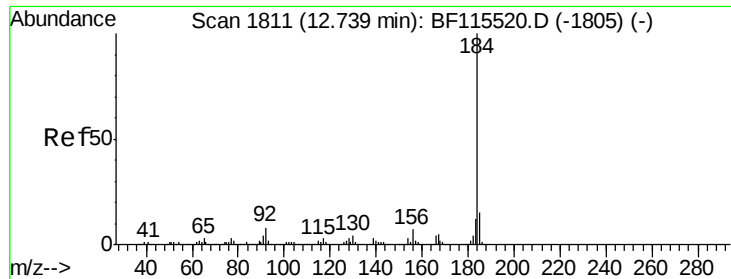


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.065 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

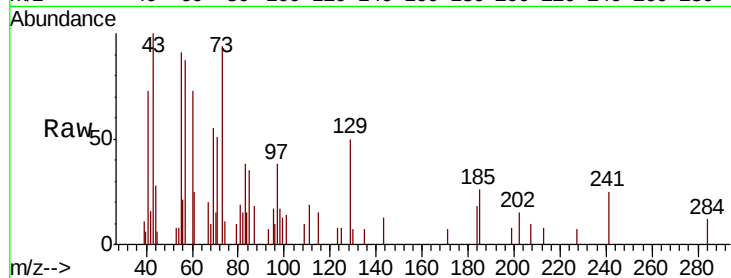
Tot Ion:184 Resp: 1330

Ion Ratio Lower Upper

184 100

185 146.4 12.0 18.0#

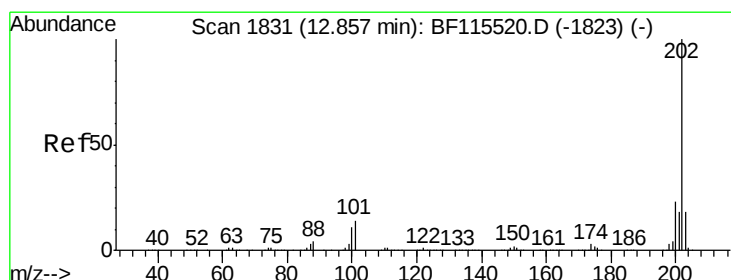
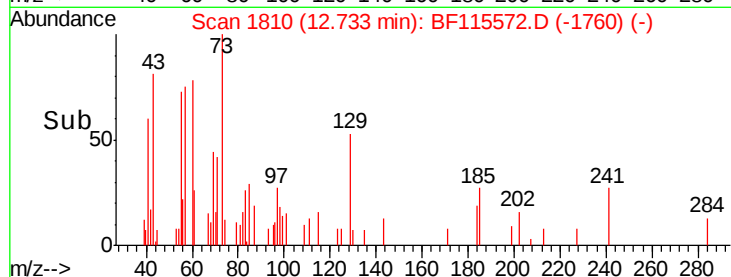
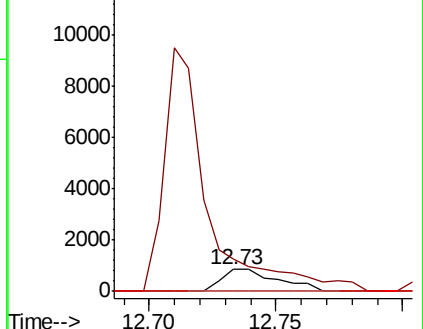
183 0.0 9.3 13.9#



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: 31.204 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

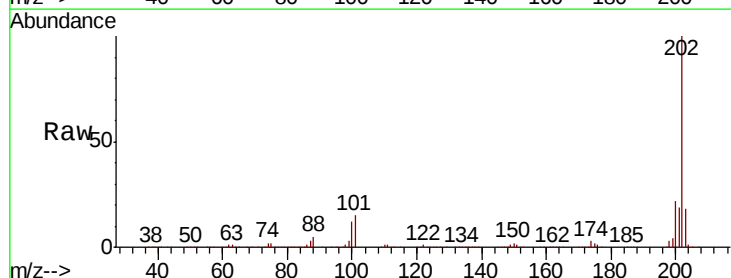
Tgt Ion:202 Resp: 1529214

Ion Ratio Lower Upper

202 100

200 22.2 18.7 28.1

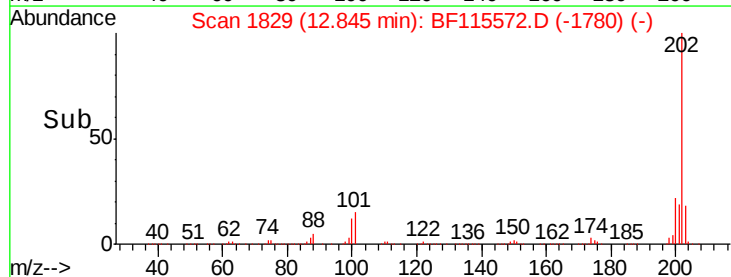
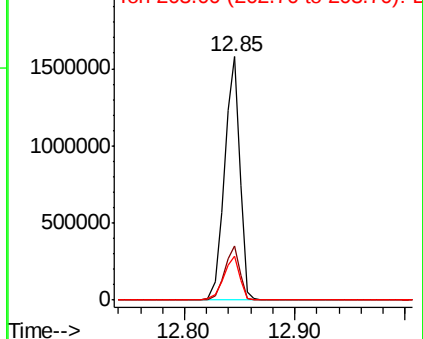
203 18.3 15.2 22.8



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: 65.796 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

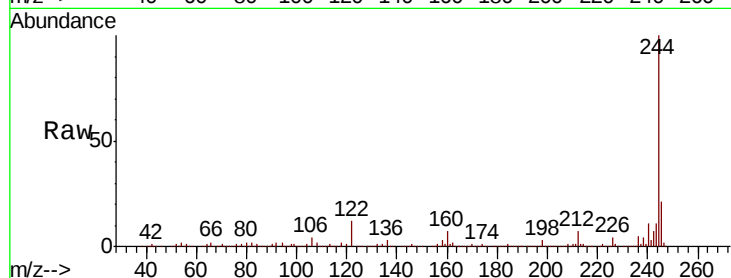
Tot Ion:244 Resp: 2062614

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

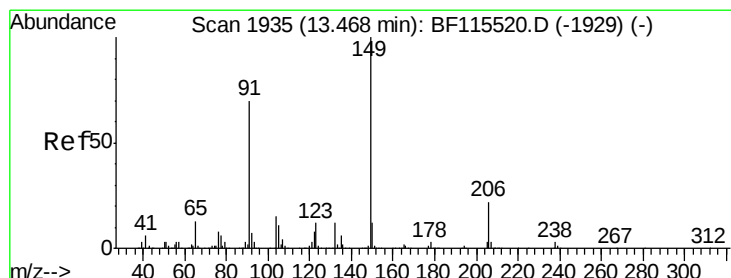
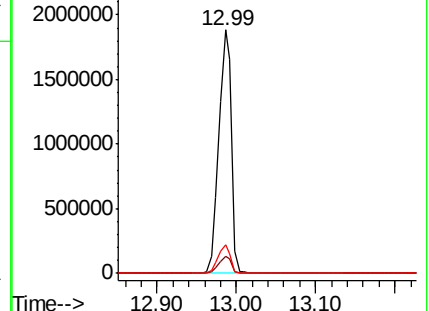
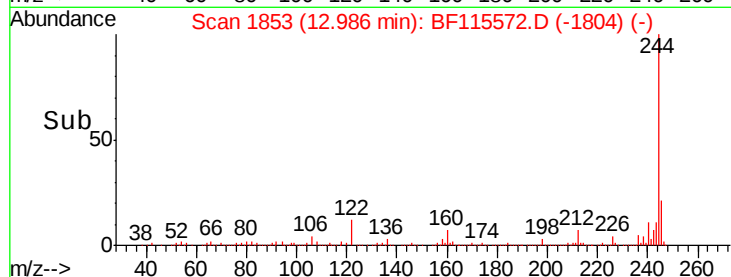
122 11.9 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 31.775 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

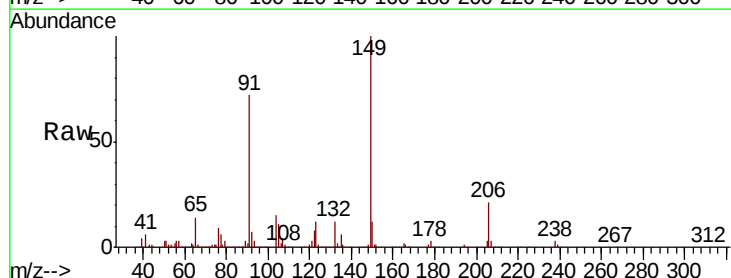
Tgt Ion:149 Resp: 663834

Ion Ratio Lower Upper

149 100

91 72.4 55.8 83.8

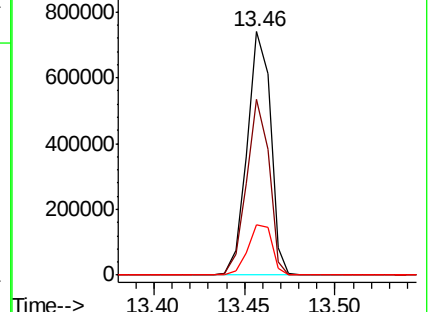
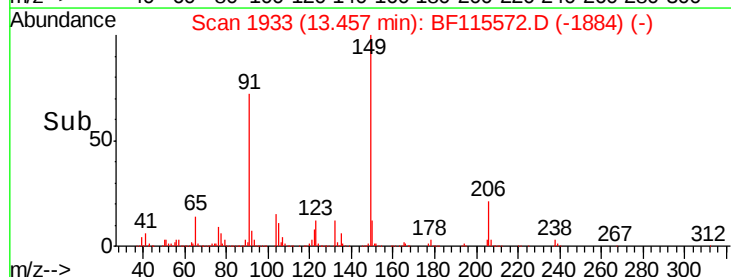
206 20.8 18.2 27.2

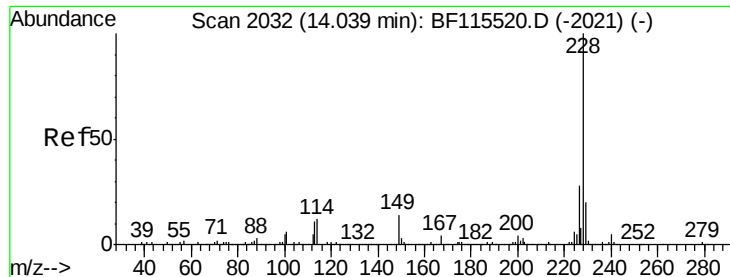


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 31.624 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

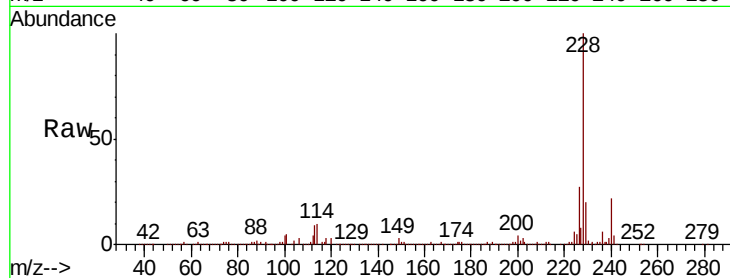
BNA_F

ClientSampleId :

TP-1MSD

Tot Ion:228 Resp: 1205097

Ion	Ratio	Lower	Upper
228	100		
226	27.0	23.4	35.0
229	19.9	17.2	25.8

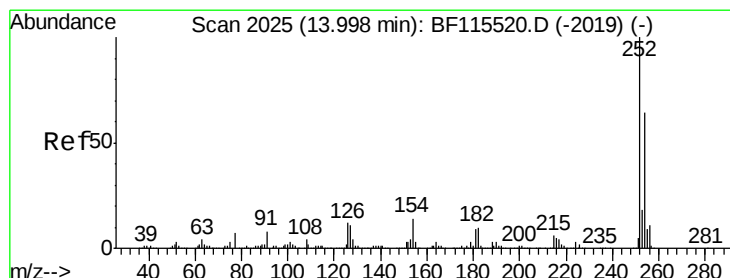
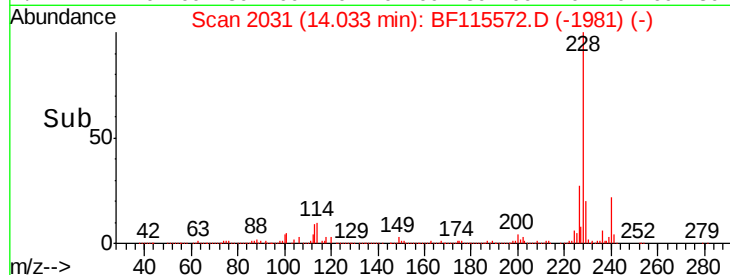
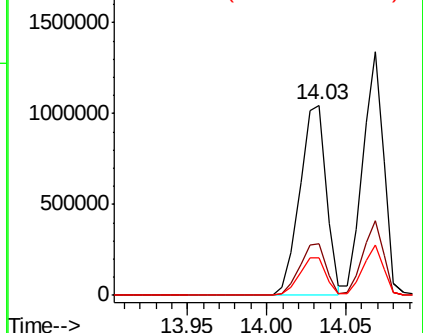


Abundance

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: 22.985 ng

RT: 13.99 min Scan# 2023

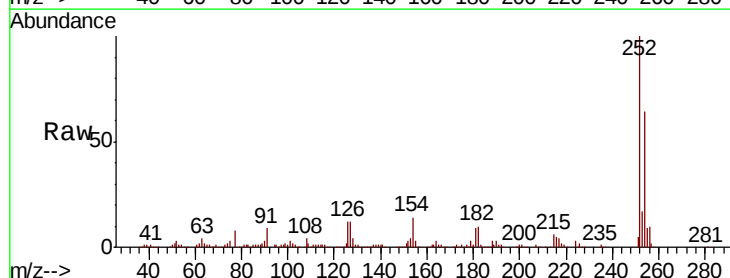
Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Tgt Ion:252 Resp: 311371

Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.9	79.3
126	12.2	9.9	14.9

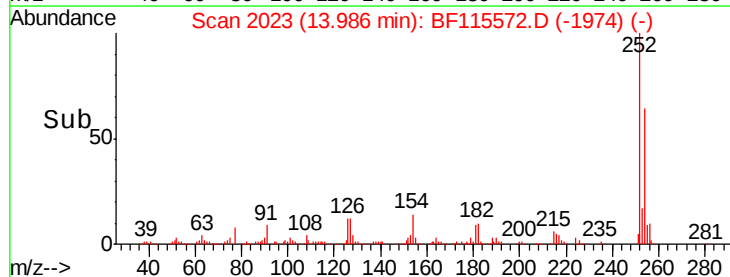
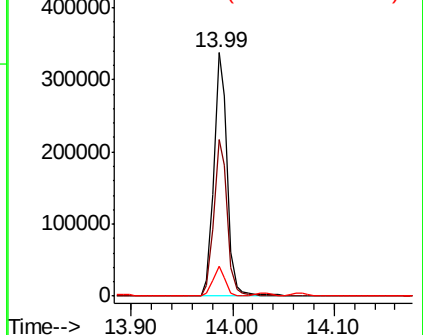


Abundance

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: 32.740 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

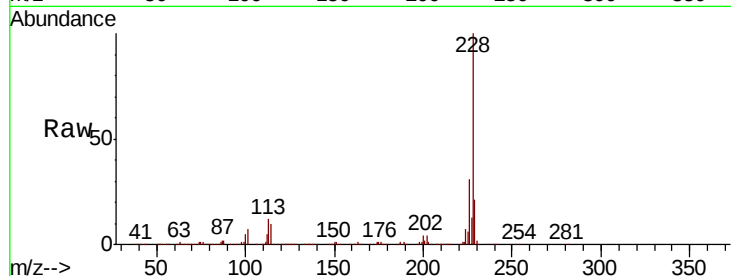
Tot Ion:228 Resp: 1252444

Ion Ratio Lower Upper

228 100

226 30.9 25.7 38.5

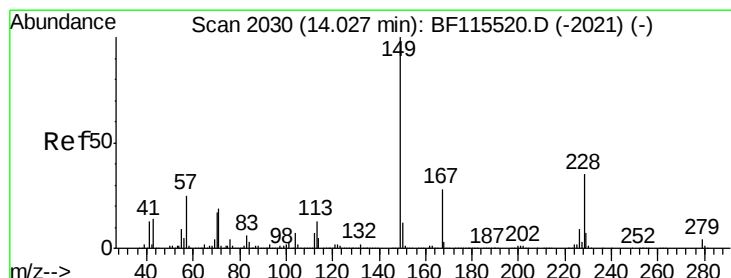
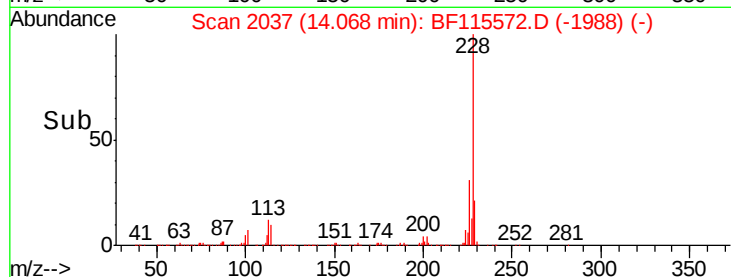
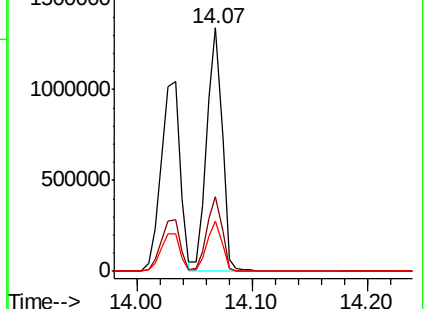
229 20.8 16.6 25.0



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: 32.132 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

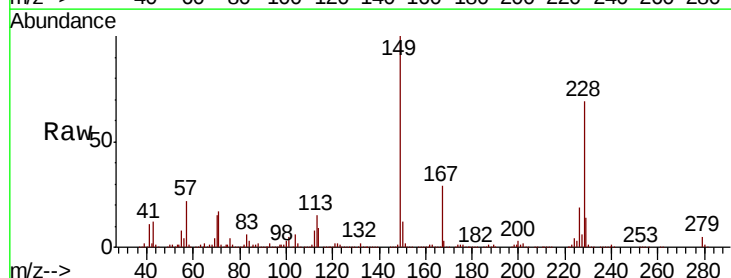
Tgt Ion:149 Resp: 831493

Ion Ratio Lower Upper

149 100

167 28.8 23.0 34.4

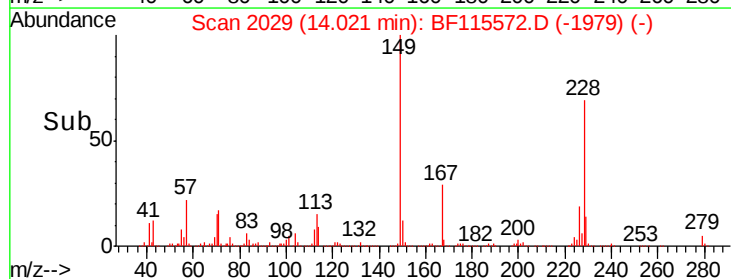
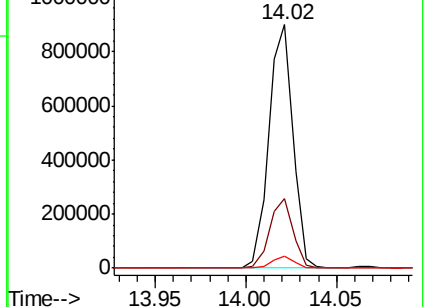
279 4.8 4.2 6.2



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: 34.098 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

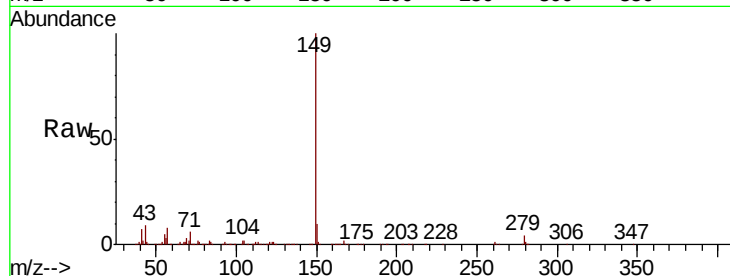
Tot Ion:149 Resp: 1403956

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

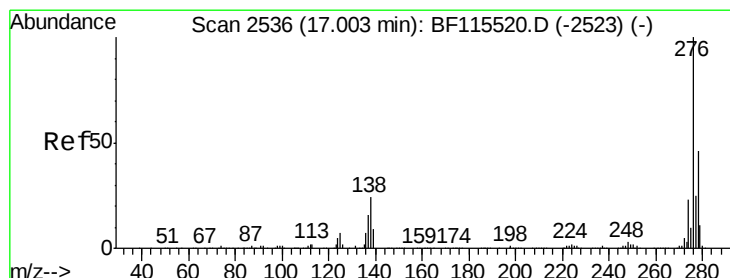
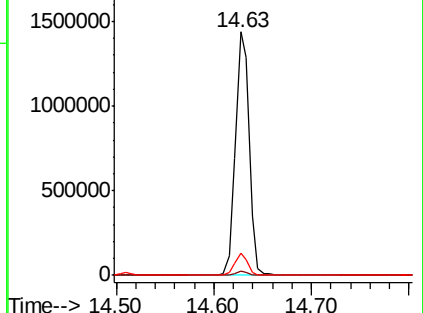
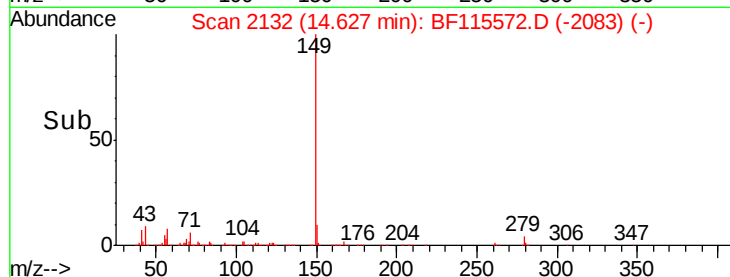
43 8.3 7.2 10.8



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: 31.869 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

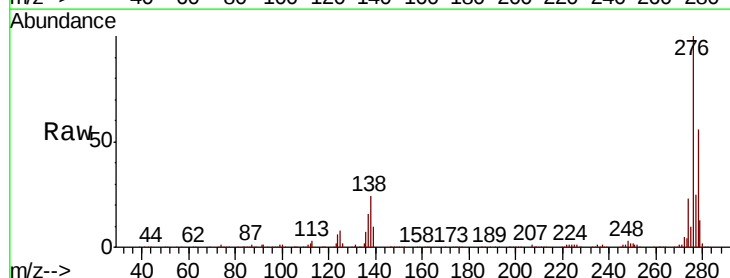
Tgt Ion:276 Resp: 1035744

Ion Ratio Lower Upper

276 100

138 25.5 20.2 30.2

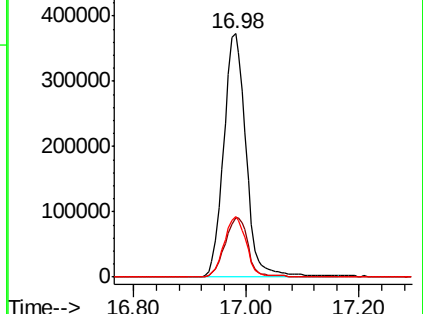
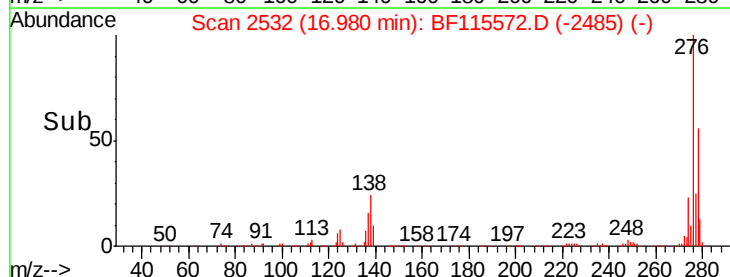
277 25.1 20.4 30.6

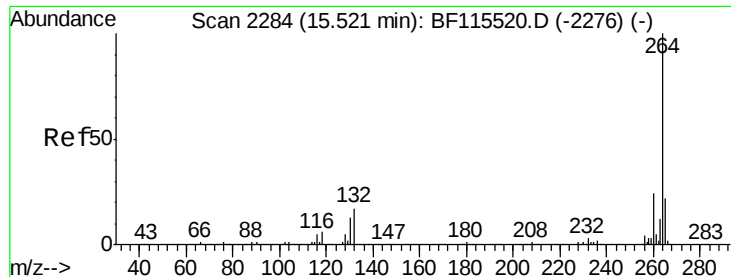


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

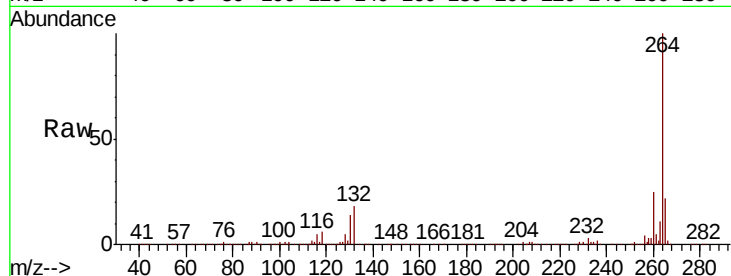
Tot Ion:264 Resp: 552234

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.8

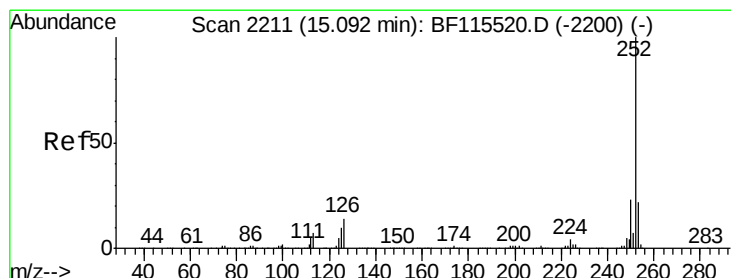
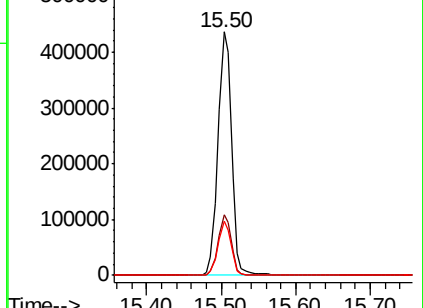
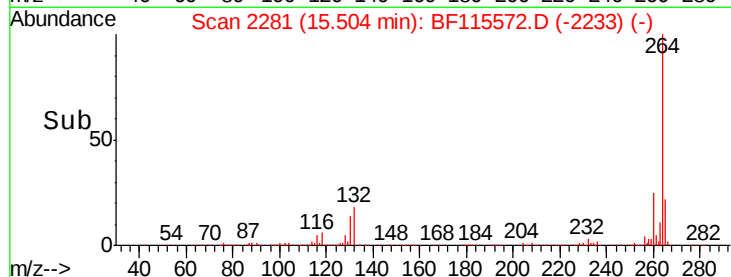
265 22.2 17.7 26.5



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: 32.230 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

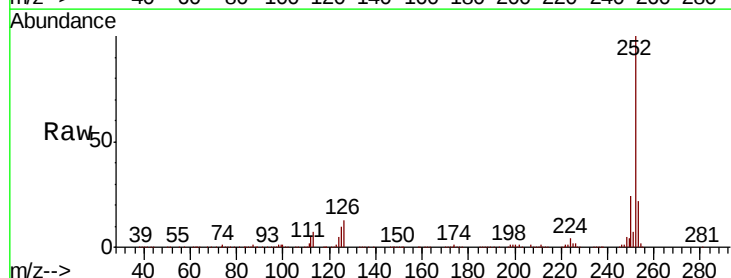
Tgt Ion:252 Resp: 1146074

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

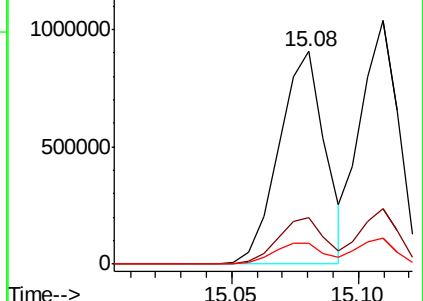
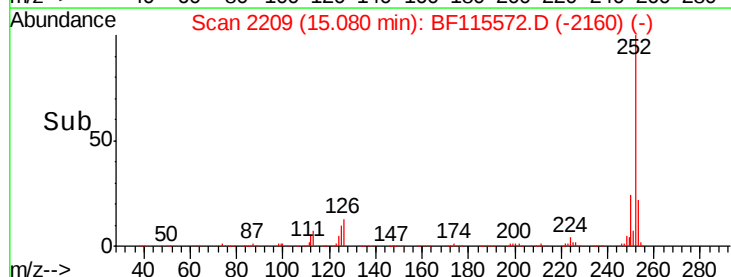
125 9.8 9.0 13.4

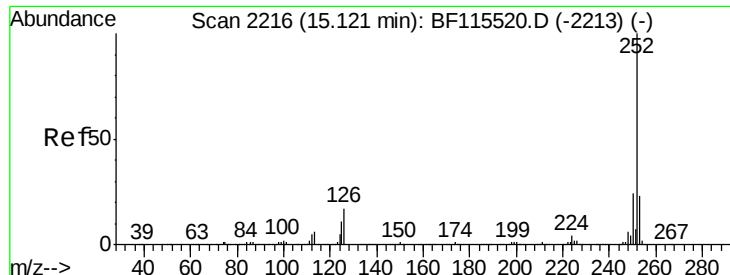


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

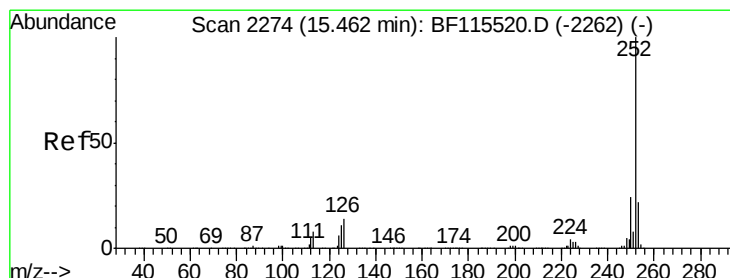
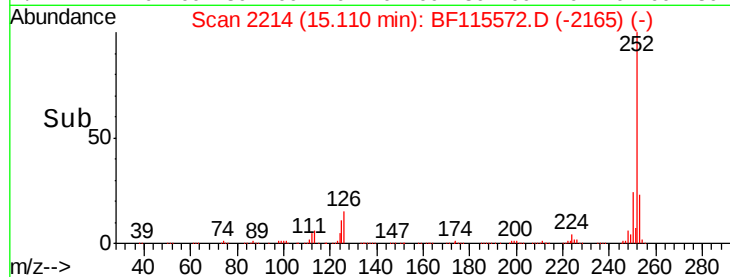
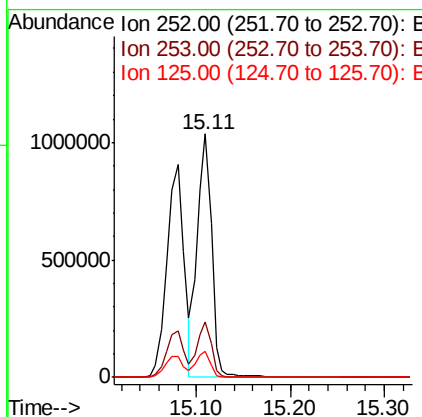
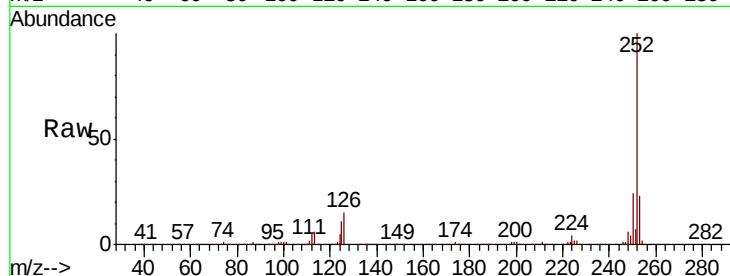




#89
Benzo(k)fluoranthene
Concen: 34.818 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

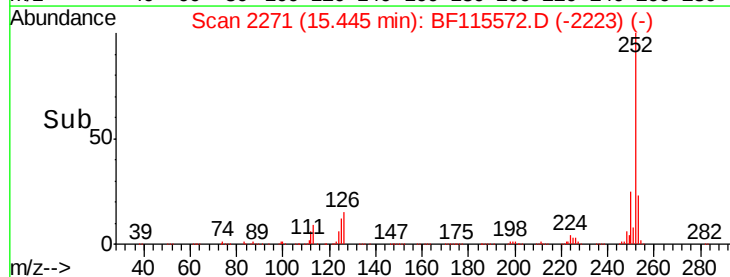
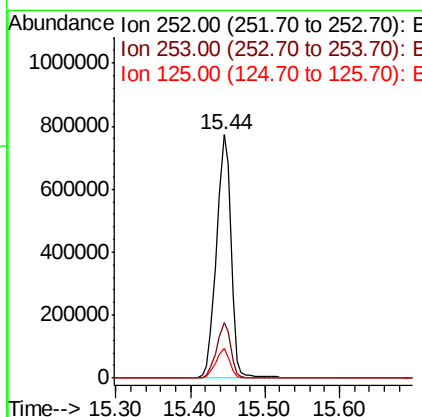
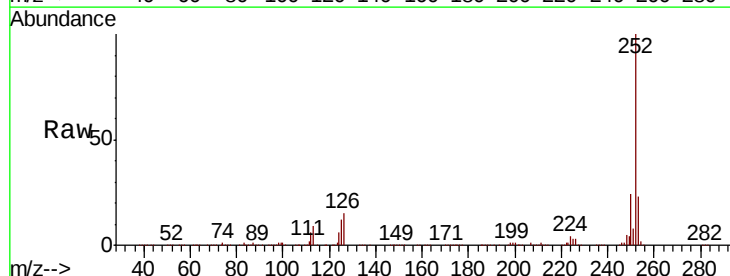
Instrument :
BNA_F
ClientSampled :
TP-1MSD

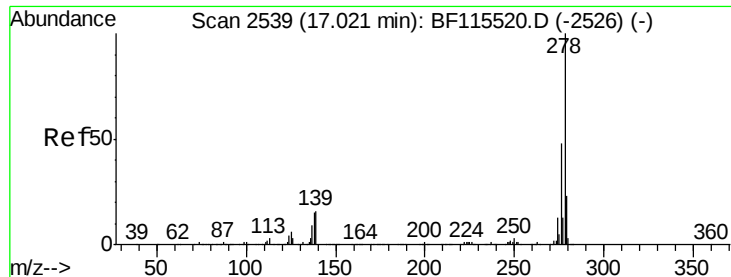
Tot Ion:252 Resp: 1103842
Ion Ratio Lower Upper
252 100
253 22.9 18.6 28.0
125 10.6 9.0 13.6



#90
Benzo(a)pyrene
Concen: 34.002 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115572.D
Acq: 15 Jul 2019 22:20

Tgt Ion:252 Resp: 1039200
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 12.4 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 32.771 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

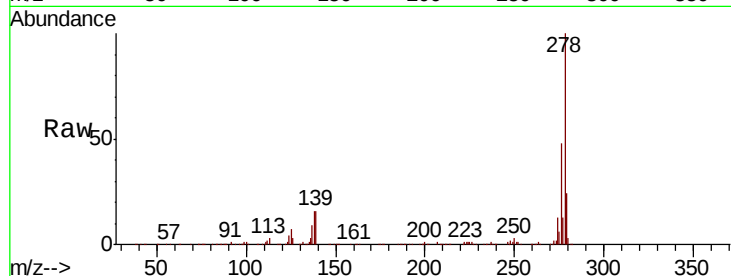
Tot Ion:278 Resp: 879293

Ion Ratio Lower Upper

278 100

139 15.6 13.1 19.7

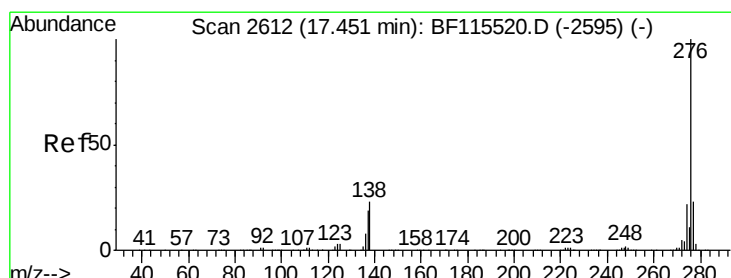
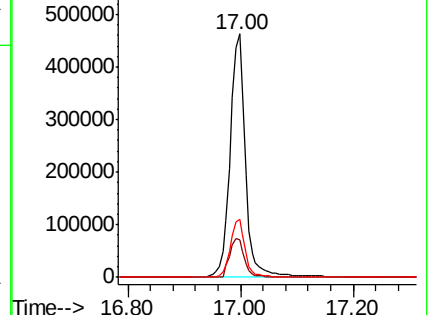
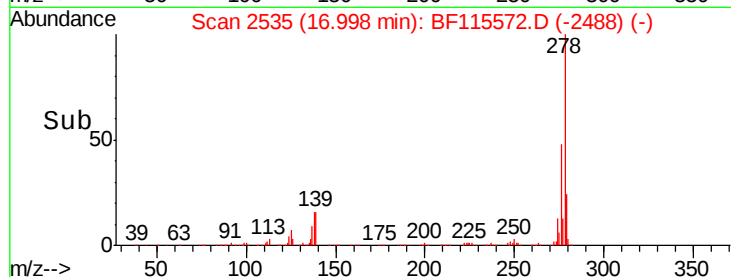
279 24.0 19.6 29.4



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: 30.160 ng

RT: 17.42 min Scan# 2607

Delta R.T. -0.03 min

Lab File: BF115572.D

Acq: 15 Jul 2019 22:20

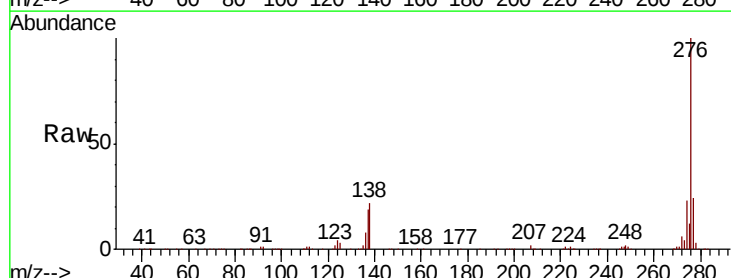
Tgt Ion:276 Resp: 807075

Ion Ratio Lower Upper

276 100

277 24.4 19.0 28.4

138 22.4 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

