

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115571.D
 Acq On : 15 Jul 2019 21:53
 Operator : HP/JU
 Sample : K3768-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Quant Time: Jul 16 04:50:20 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	217591	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	858631	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	427622	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	823221	20.00	ng	0.00
76) Chrysene-d12	14.04	240	544579	20.00	ng	-0.01
87) Perylene-d12	15.50	264	518065	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1225078	92.09	ng	0.01
7) Phenol-d6	6.52	99	1624429	96.24	ng	0.00
23) Nitrobenzene-d5	7.45	82	1057166	71.59	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	498225	99.82	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1898142	77.69	ng	-0.01
79) Terphenyl-d14	12.99	244	1964994	66.58	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	169300	25.514	ng	100
3) Pyridine	3.57	79	24584	1.366	ng	96
4) n-Nitrosodimethylamine	3.45	42	188205	28.817	ng	100
6) Aniline	6.55	93	253272	10.782	ng	97
8) 2-Chlorophenol	6.67	128	470580	30.768	ng	99
9) Benzaldehyde	6.43	77	281735	26.710	ng	99
10) Phenol	6.53	94	578844	29.541	ng	82
11) bis(2-Chloroethyl)ether	6.62	93	443955	29.759	ng	100
12) 1,3-Dichlorobenzene	6.83	146	508805	29.589	ng	99
13) 1,4-Dichlorobenzene	6.90	146	516025	30.077	ng	98
14) 1,2-Dichlorobenzene	7.06	146	481549	30.704	ng	95
15) Benzyl Alcohol	7.02	79	428922	32.033	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	592175	30.150	ng	97
17) 2-Methylphenol	7.13	107	411775	31.242	ng	98
18) Hexachloroethane	7.40	117	186402	29.271	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	336543	30.571	ng	99
20) 3+4-Methylphenols	7.28	107	489281	31.252	ng	93
22) Acetophenone	7.29	105	657265	33.884	ng	99
24) Nitrobenzene	7.46	77	524683	32.943	ng	99
25) Isophorone	7.70	82	958885	32.451	ng	98
26) 2-Nitrophenol	7.77	139	270112	32.949	ng	98
27) 2,4-Dimethylphenol	7.81	122	435309	35.489	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	599895	33.094	ng	98
29) 2,4-Dichlorophenol	8.02	162	433332	33.969	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	467021	32.387	ng	99
31) Naphthalene	8.19	128	1405076	33.789	ng	97
32) Benzoic acid	7.89	122	60635	6.023	ng	99
33) 4-Chloroaniline	8.23	127	274116	14.882	ng	96
34) Hexachlorobutadiene	8.31	225	259988	31.441	ng	99
35) Caprolactam	8.59	113	113049m	28.678	ng	
36) 4-Chloro-3-methylphenol	8.71	107	450651	34.056	ng	100
37) 2-Methylnaphthalene	8.88	142	948601	34.414	ng	97
38) 1-Methylnaphthalene	8.97	142	892391	34.084	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	422660	32.822	ng	98

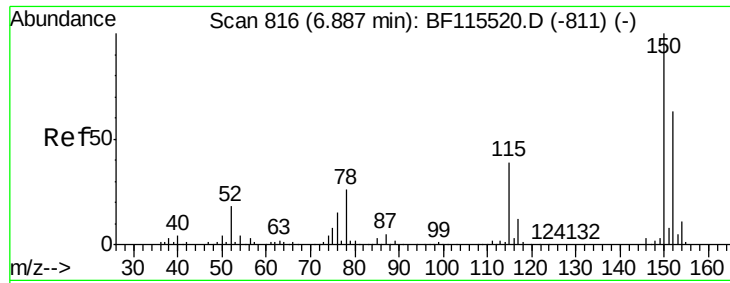
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115571.D
 Acq On : 15 Jul 2019 21:53
 Operator : HP/JU
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Quant Time: Jul 16 04:50:20 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	471883	64.240	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	313387	33.279	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	324922	33.692	ng	99
46) 1,1'-Biphenyl	9.34	154	1153959	34.518	ng	98
47) 2-Chloronaphthalene	9.37	162	920006	33.050	ng	96
48) 2-Nitroaniline	9.46	65	277219	32.176	ng	97
49) Acenaphthylene	9.78	152	1383078	33.532	ng	98
50) Dimethylphthalate	9.65	163	1466873	45.593	ng	99
51) 2,6-Dinitrotoluene	9.70	165	249993	34.192	ng	100
52) Acenaphthene	9.96	154	923427	34.677	ng	100
53) 3-Nitroaniline	9.86	138	186886	22.367	ng	97
54) 2,4-Dinitrophenol	9.97	184	165673	44.134	ng	# 89
55) Dibenzofuran	10.13	168	1246192	32.953	ng	99
56) 4-Nitrophenol	10.03	139	413749	64.939	ng	99
57) 2,4-Dinitrotoluene	10.10	165	323977m	34.202	ng	
58) Fluorene	10.47	166	924108	34.182	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	277912	34.472	ng	99
60) Diethylphthalate	10.34	149	1018837	33.798	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	475935	31.745	ng	95
62) 4-Nitroaniline	10.48	138	258369	32.238	ng	97
63) Azobenzene	10.62	77	989688	33.848	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	161728	32.155	ng	94
66) n-Nitrosodiphenylamine	10.57	169	839329	32.777	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	304980	32.419	ng	95
68) Hexachlorobenzene	11.02	284	343195	31.945	ng	99
69) Atrazine	11.10	200	280847	33.432	ng	100
70) Pentachlorophenol	11.21	266	397148	60.441	ng	99
71) Phenanthrene	11.43	178	1406307	33.327	ng	98
72) Anthracene	11.48	178	1442692	33.082	ng	100
73) Carbazole	11.63	167	1277349	33.401	ng	99
74) Di-n-butylphthalate	11.96	149	1520848	32.286	ng	99
75) Fluoranthene	12.62	202	1457080	32.676	ng	99
77) Benzidine	12.73	184	2026	0.105	ng	# 1
78) Pyrene	12.84	202	1462723	31.703	ng	98
80) Butylbenzylphthalate	13.46	149	625584	31.806	ng	96
81) Benzo(a)anthracene	14.03	228	1136254	31.671	ng	96
82) 3,3'-Dichlorobenzidine	13.99	252	291696	22.871	ng	97
83) Chrysene	14.07	228	1172338	32.551	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	785264	32.232	ng	99
85) Di-n-octyl phthalate	14.63	149	1330090	34.312	ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	978065	31.965	ng	99
88) Benzo(b)fluoranthene	15.08	252	1079590	32.363	ng	98
89) Benzo(k)fluoranthene	15.11	252	1026544	34.515	ng	98
90) Benzo(a)pyrene	15.44	252	967641	33.749	ng	100
91) Dibenzo(a,h)anthracene	17.00	278	824369	32.751	ng	99
92) Benzo(g,h,i)perylene	17.42	276	762312	30.367	ng	99

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

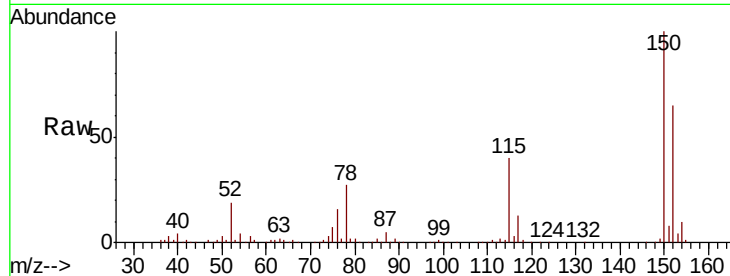


#1

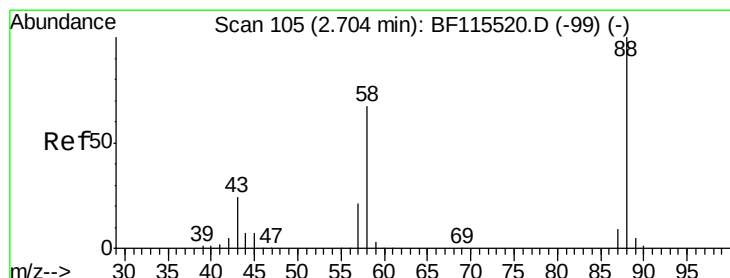
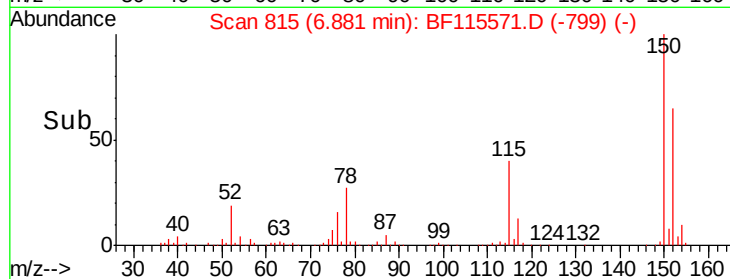
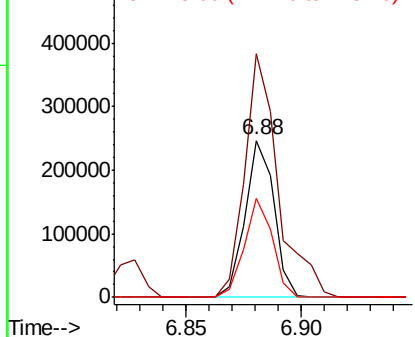
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion:152 Resp: 217591
Ion Ratio Lower Upper
152 100
150 154.9 129.7 194.5
115 62.6 48.2 72.4



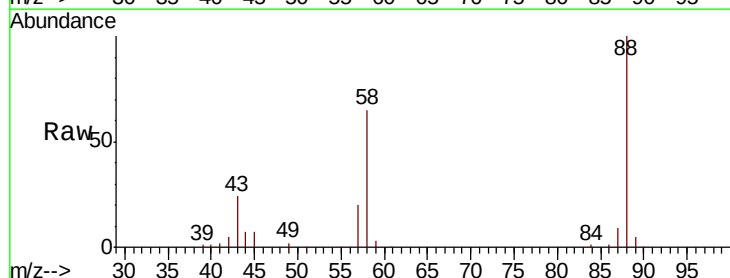
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



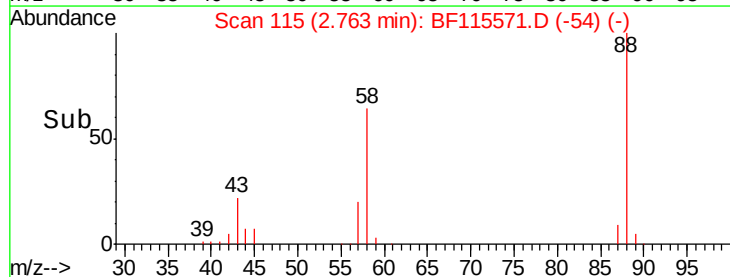
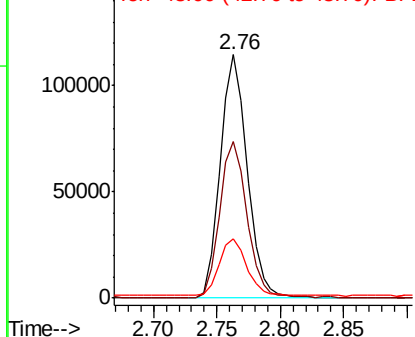
#2

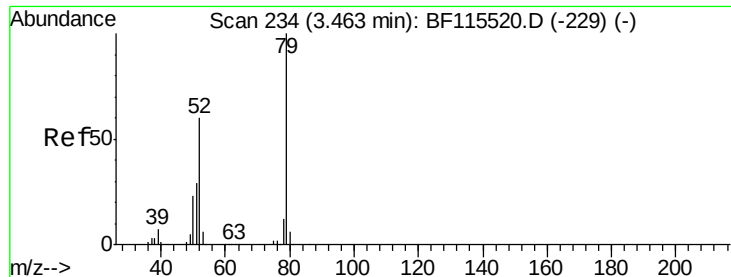
1,4-Dioxane
Concen: 25.514 ng
RT: 2.76 min Scan# 115
Delta R.T. 0.06 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt Ion: 88 Resp: 169300
Ion Ratio Lower Upper
88 100
58 65.9 52.6 79.0
43 23.7 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

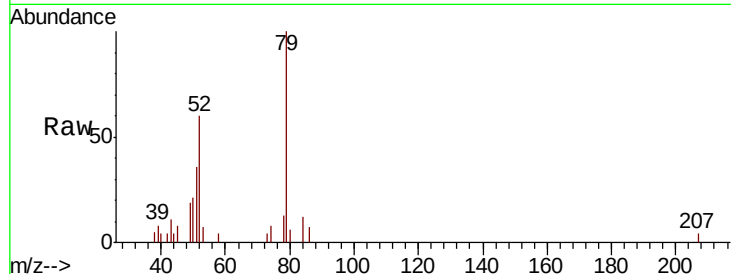




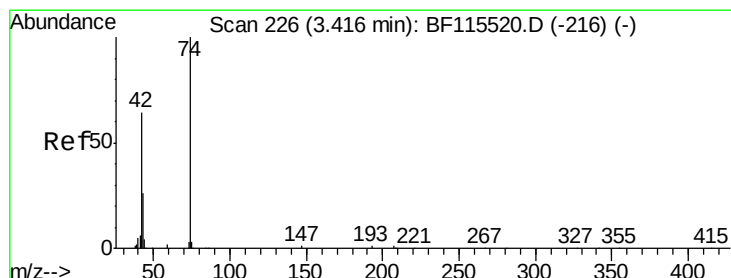
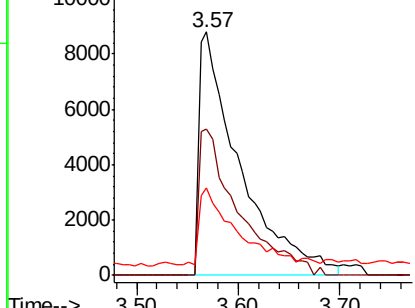
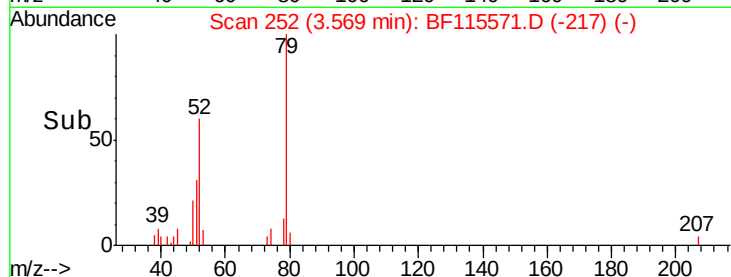
#3
 Pvridine
 Concen: 1.366 ng
 RT: 3.57 min Scan# 252
 Delta R.T. 0.11 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tot Ion: 79 Resp: 24584
 Ion Ratio Lower Upper
 79 100
 52 60.1 47.8 71.6
 51 35.7 23.8 35.8

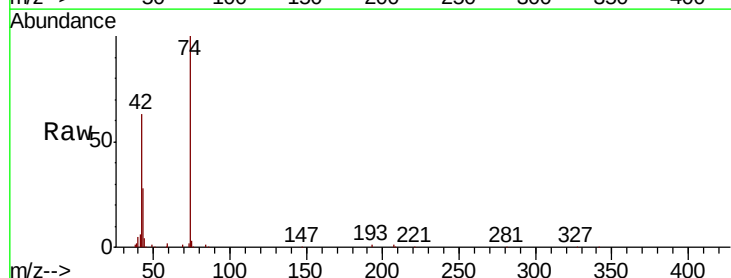


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

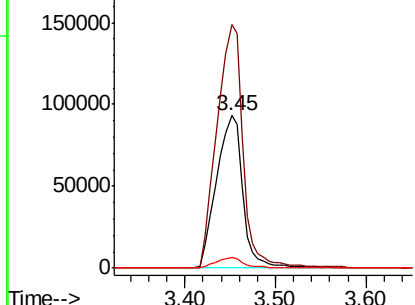
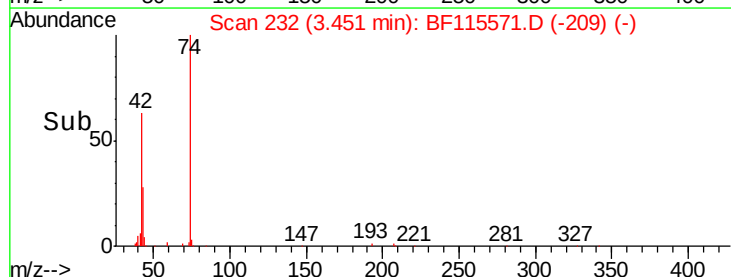


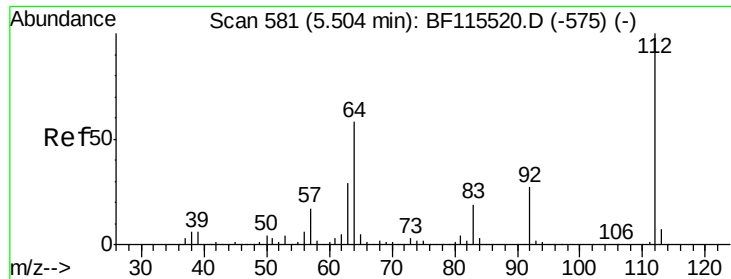
#4
 n-Nitrosodimethylamine
 Concen: 28.817 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.04 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

Tgt Ion: 42 Resp: 188205
 Ion Ratio Lower Upper
 42 100
 74 159.9 127.5 191.3
 44 6.6 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: 92.094 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

Instrument :

BNA_F

ClientSampled :

TP-1MS

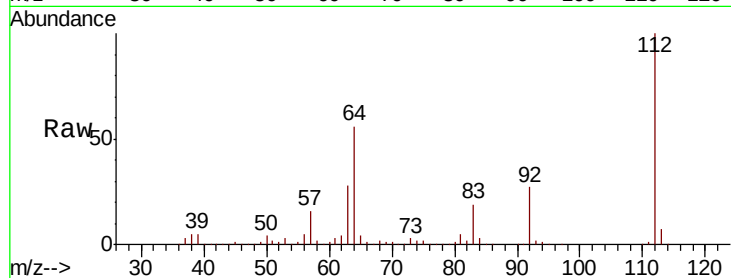
Tot Ion: 112 Resp: 1225078

Ion Ratio Lower Upper

112 100

64 55.7 46.8 70.2

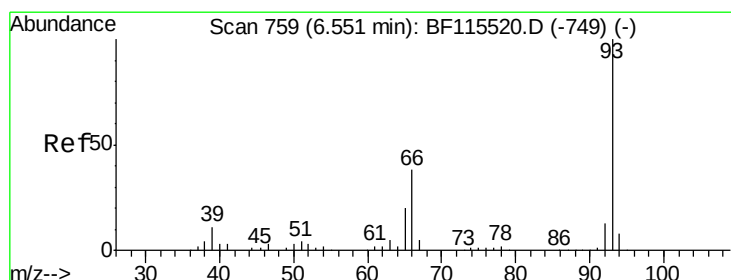
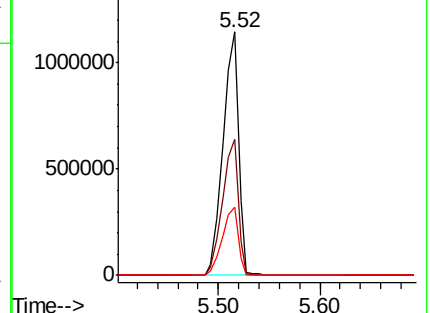
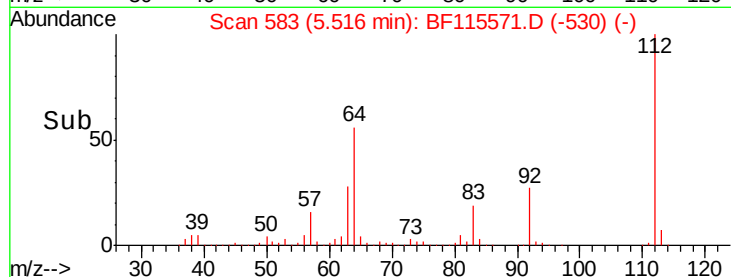
63 28.2 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.782 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

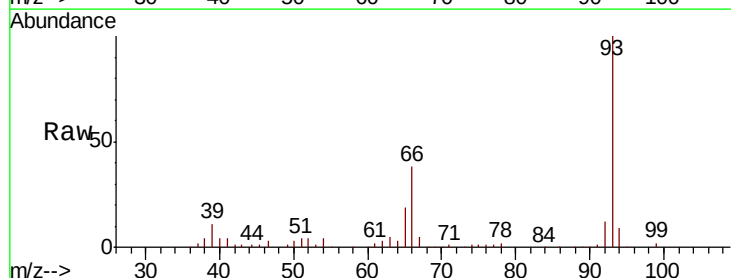
Tgt Ion: 93 Resp: 253272

Ion Ratio Lower Upper

93 100

66 38.0 31.7 47.5

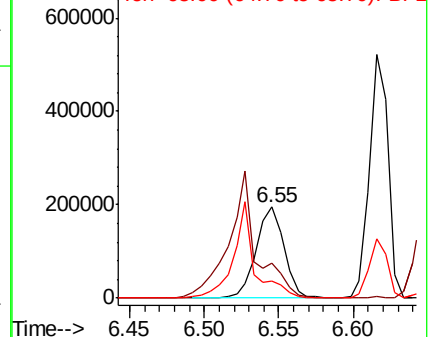
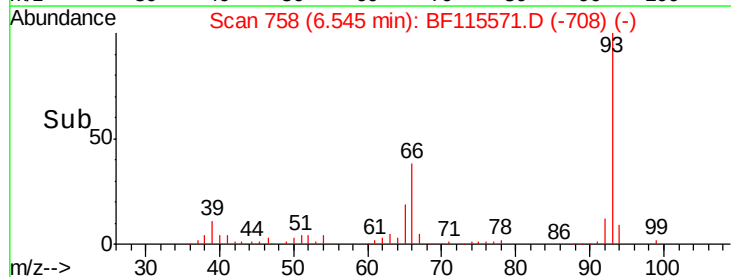
65 19.1 16.2 24.2

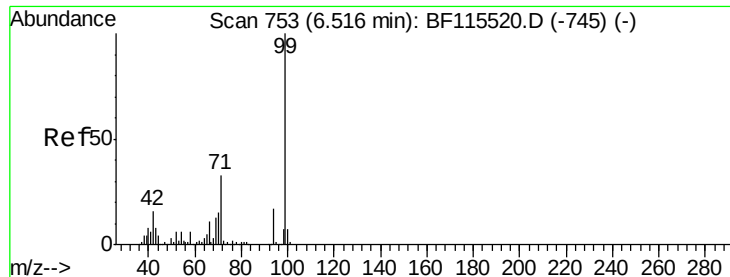


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.237 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

Instrument :

BNA_F

ClientSampleId :

TP-1MS

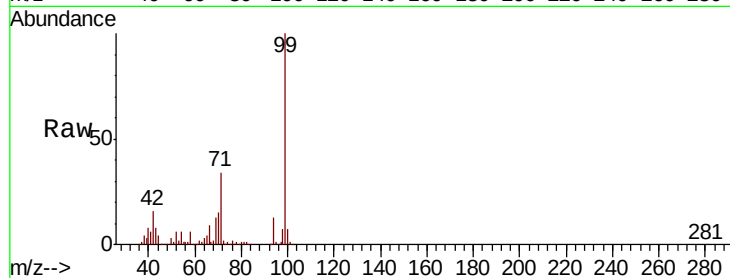
Tot Ion: 99 Resp: 1624429

Ion Ratio Lower Upper

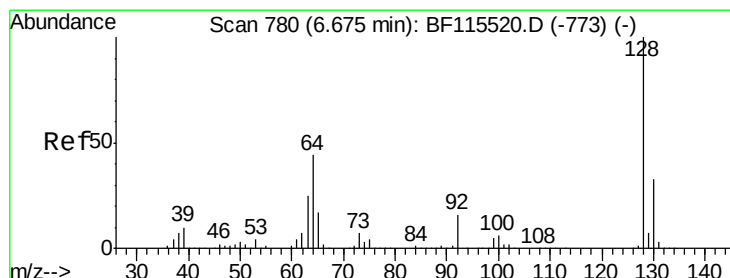
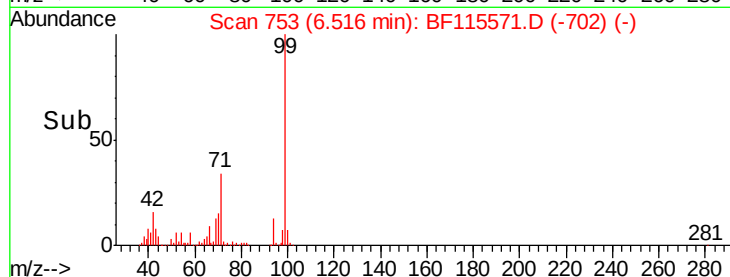
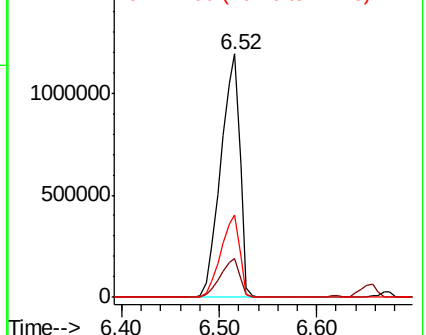
99 100

42 16.0 13.6 20.4

71 33.9 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: 30.768 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

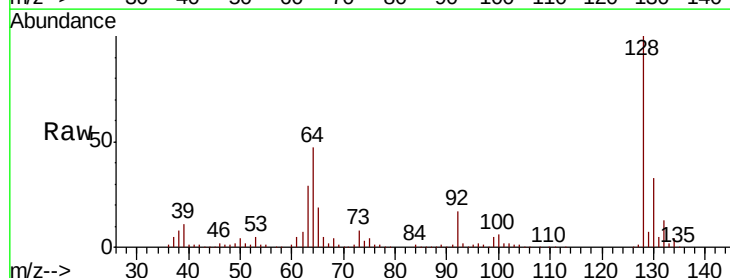
Tgt Ion: 128 Resp: 470580

Ion Ratio Lower Upper

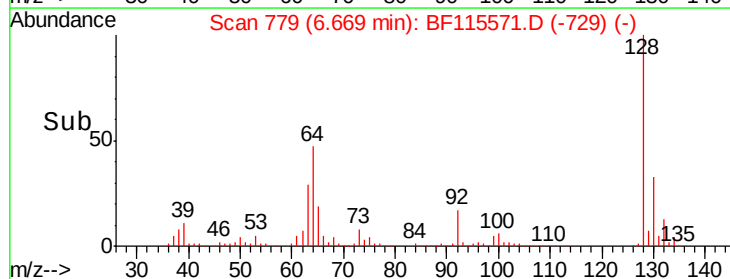
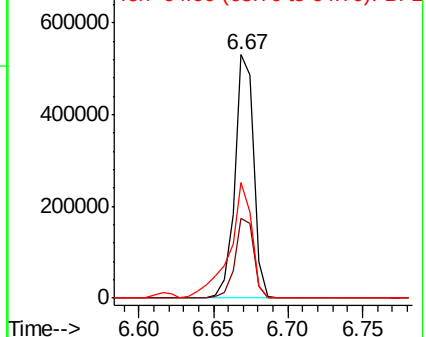
128 100

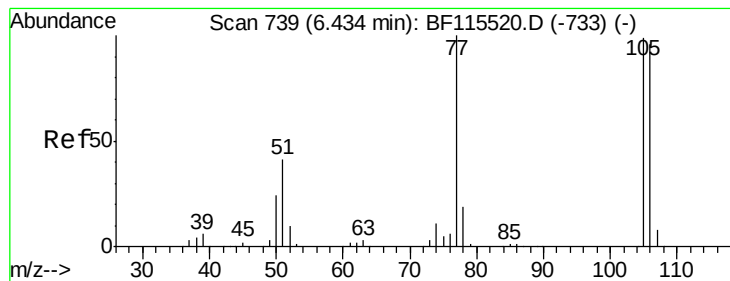
130 32.7 12.8 52.8

64 47.4 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: 26.710 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

Instrument :

BNA_F

ClientSampleId :

TP-1MS

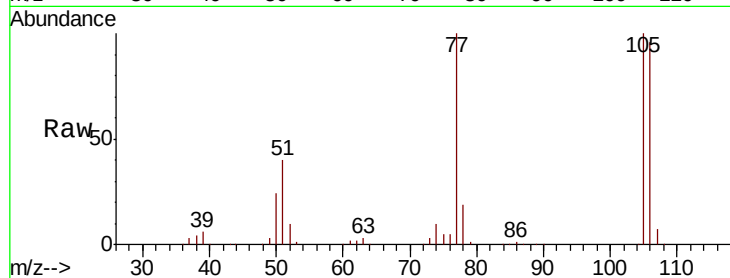
Tot Ion: 77 Resp: 281735

Ion Ratio Lower Upper

77 100

105 99.9 78.8 118.8

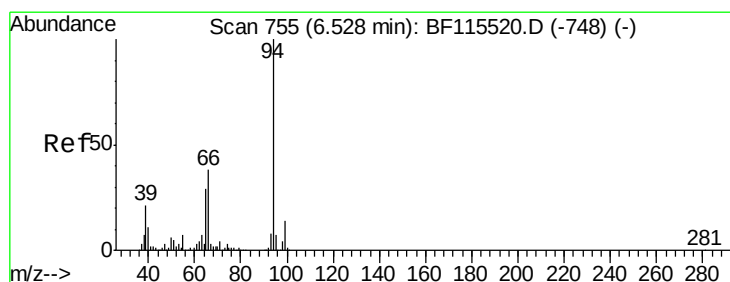
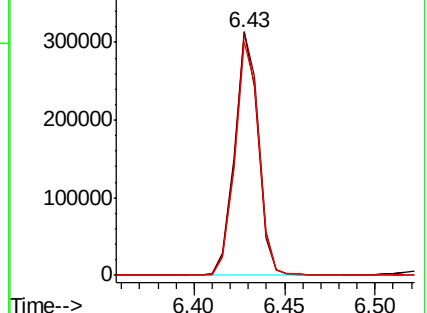
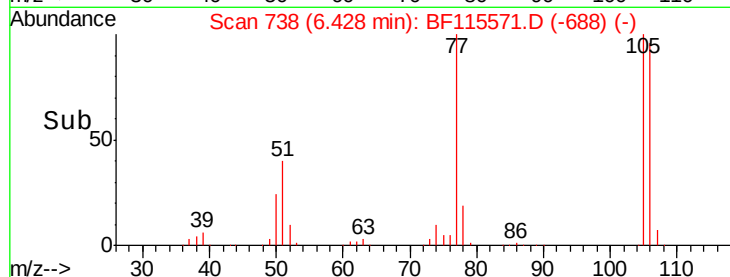
106 95.7 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 29.541 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

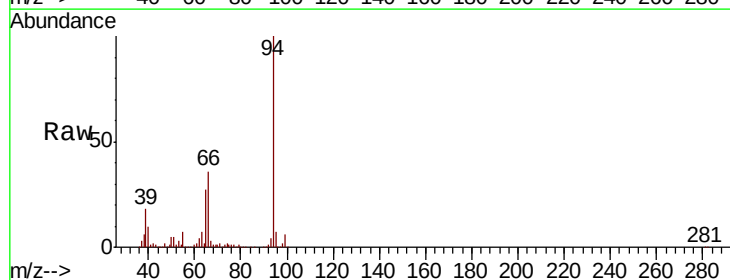
Tgt Ion: 94 Resp: 578844

Ion Ratio Lower Upper

94 100

65 27.1 14.5 54.5

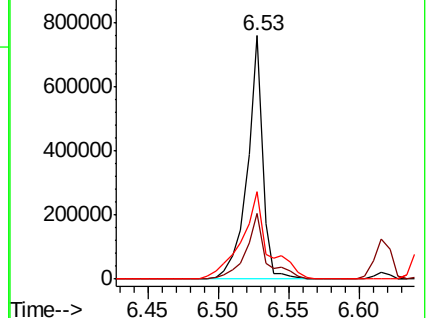
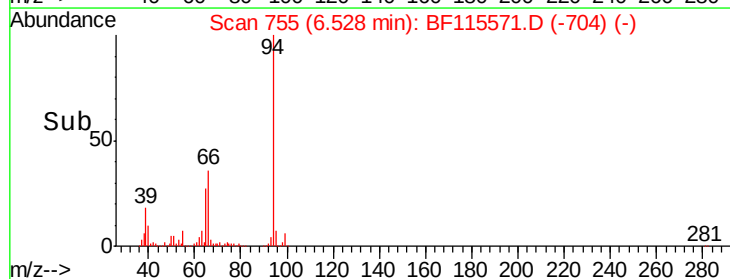
66 35.8 31.3 71.3

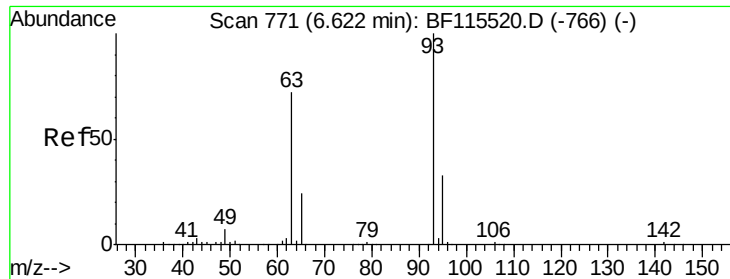


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 29.759 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

Instrument :

BNA_F

ClientSampleId :

TP-1MS

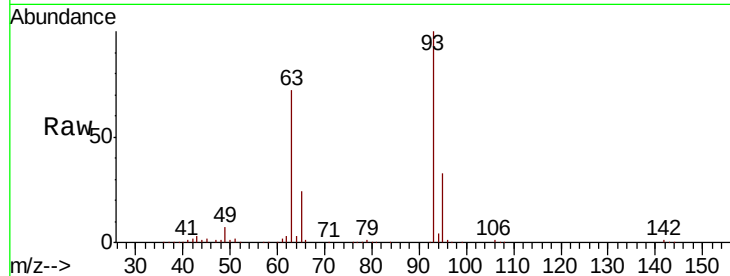
Tot Ion: 93 Resp: 443955

Ion Ratio Lower Upper

93 100

63 72.5 52.2 92.2

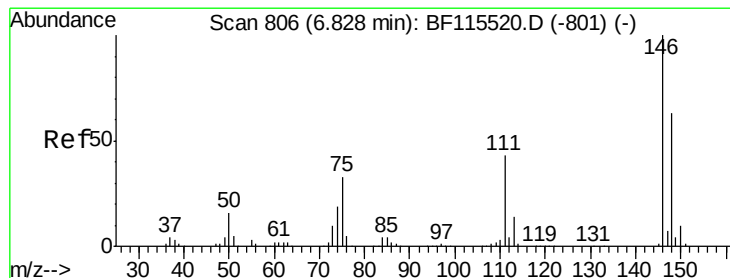
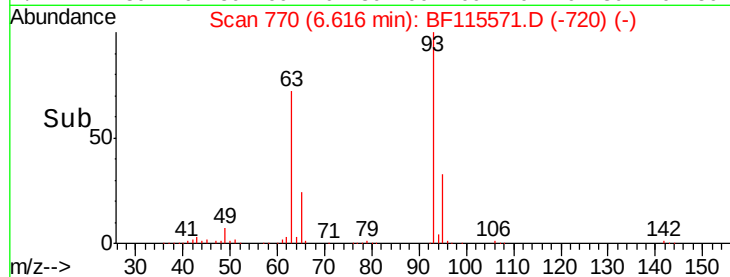
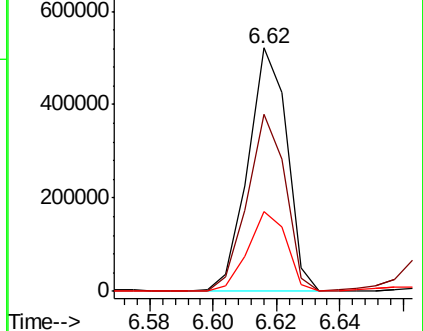
95 32.8 12.9 52.9



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: 29.589 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

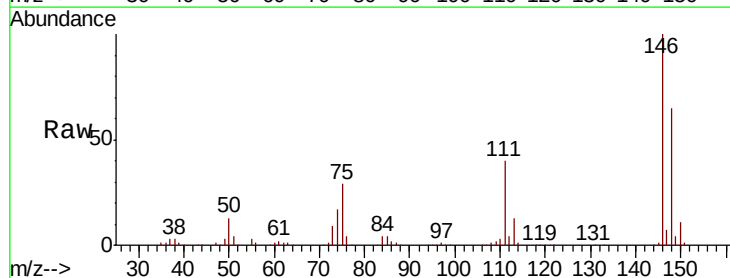
Tgt Ion: 146 Resp: 508805

Ion Ratio Lower Upper

146 100

148 64.9 52.1 78.1

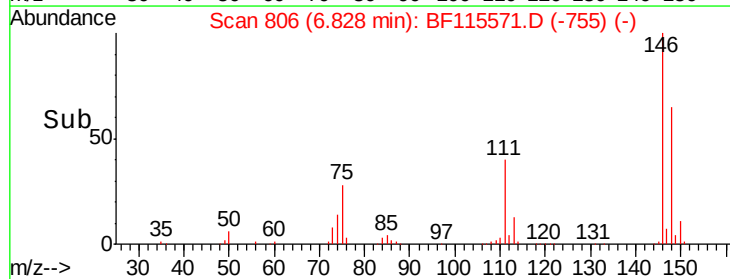
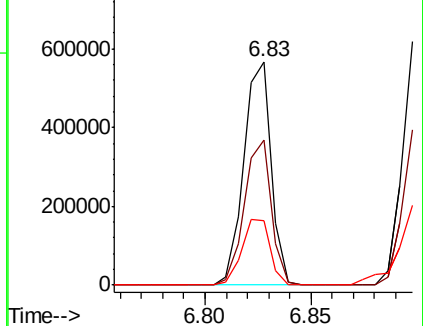
75 29.1 24.9 37.3

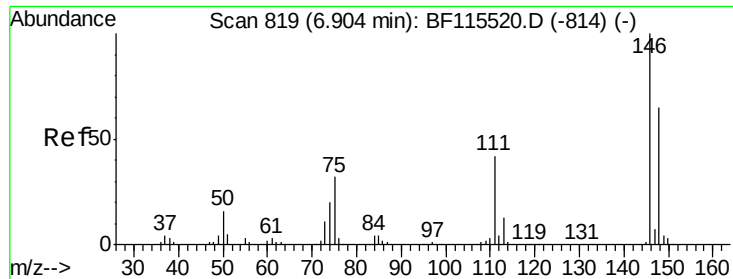


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

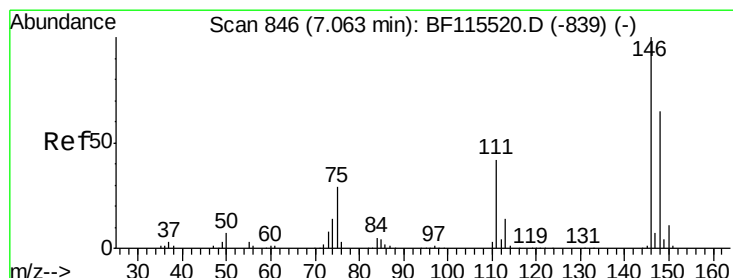
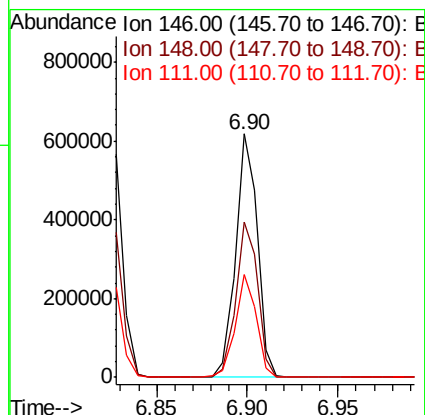
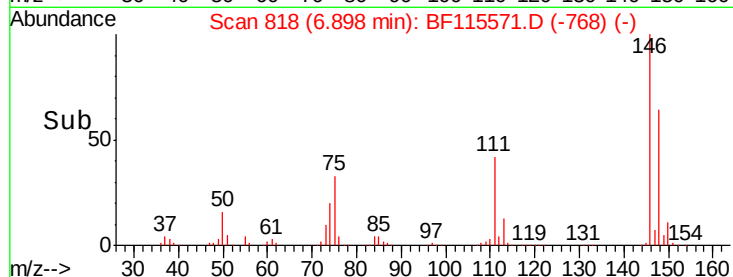
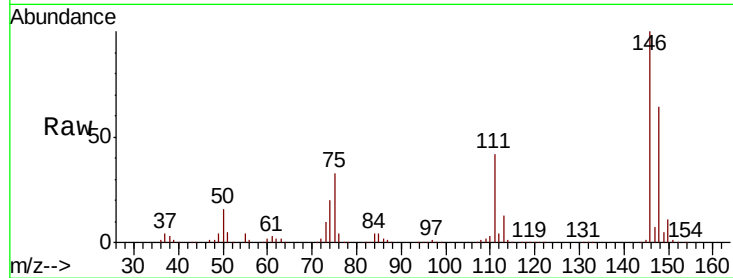




#13
 1,4-Dichlorobenzene
 Concen: 30.077 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

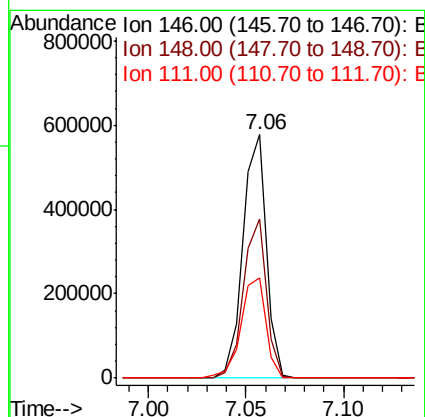
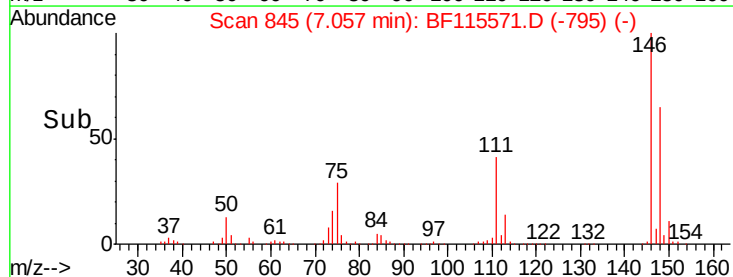
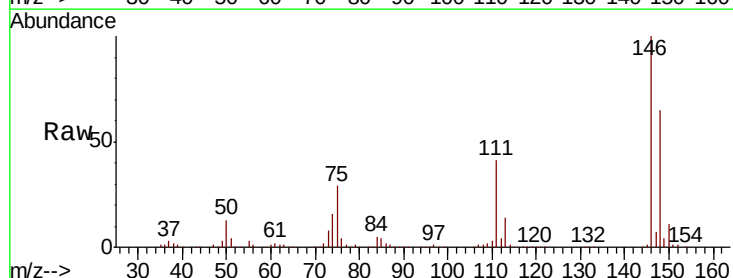
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

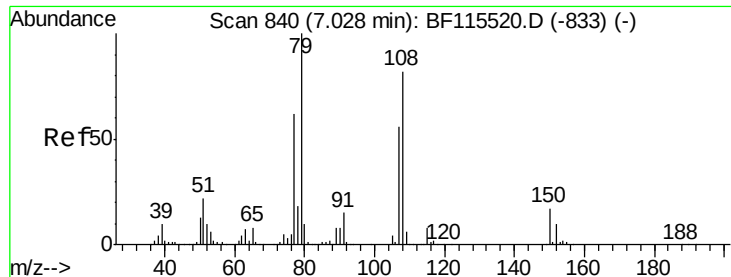
Tot Ion:146 Resp: 516025
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.8 77.6
 111 42.4 35.5 53.3



#14
 1,2-Dichlorobenzene
 Concen: 30.704 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

Tgt Ion:146 Resp: 481549
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.1 76.7
 111 41.1 37.6 56.4





#15

Benzyl Alcohol

Concen: 32.033 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

Instrument :

BNA_F

ClientSampled :

TP-1MS

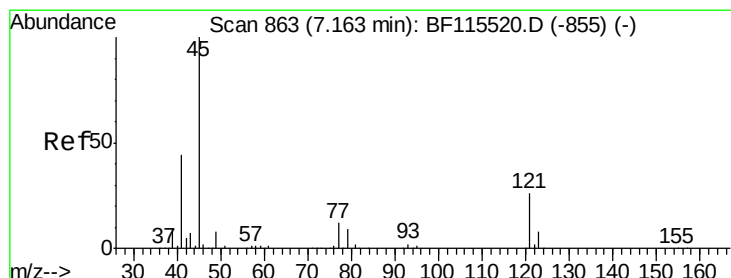
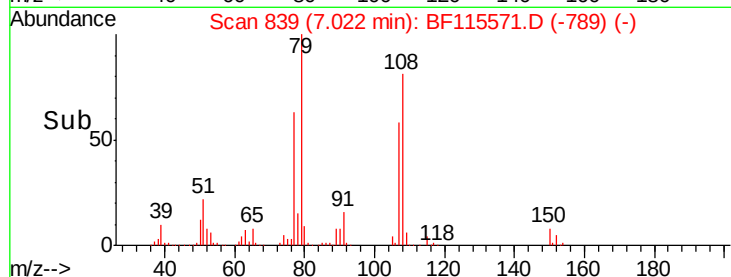
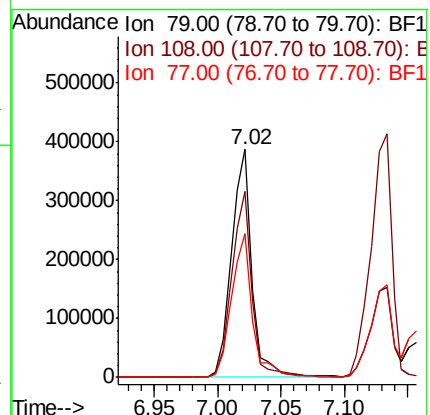
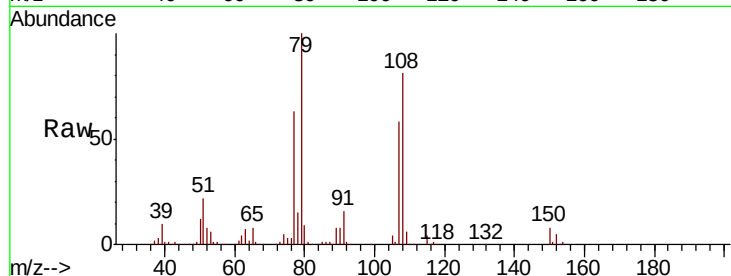
Tot Ion: 79 Resp: 428922

Ion Ratio Lower Upper

79 100

108 81.4 64.2 96.4

77 62.8 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.150 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

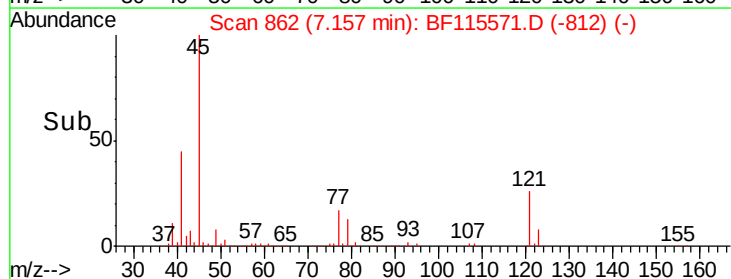
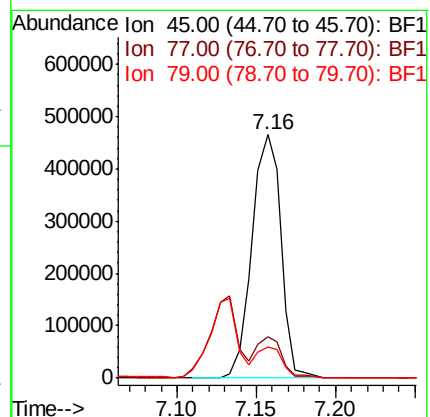
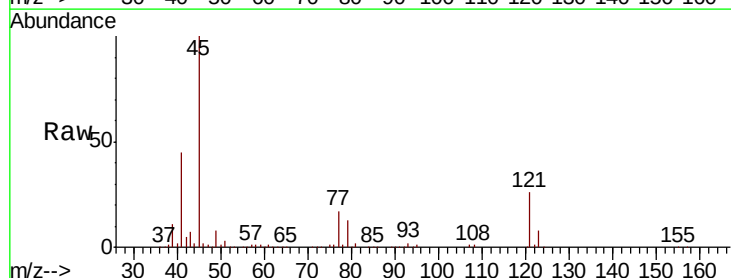
Tgt Ion: 45 Resp: 592175

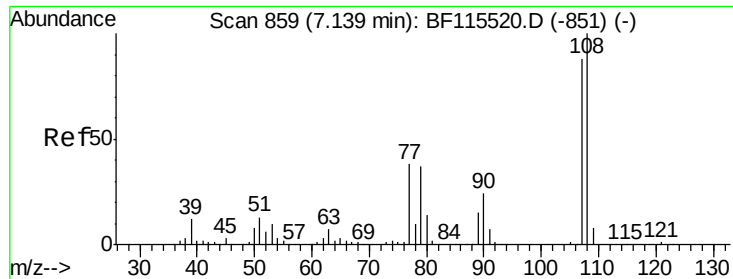
Ion Ratio Lower Upper

45 100

77 17.1 0.0 38.1

79 12.9 0.0 34.1

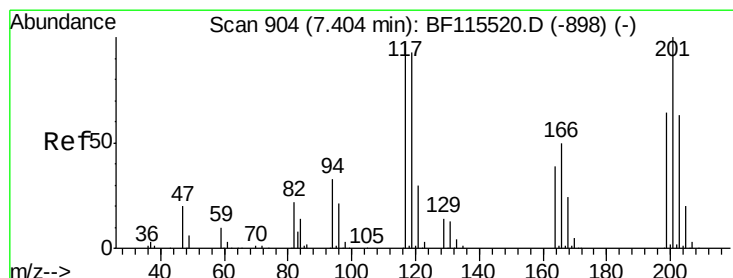
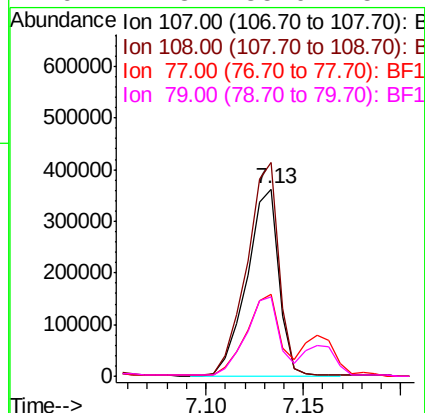
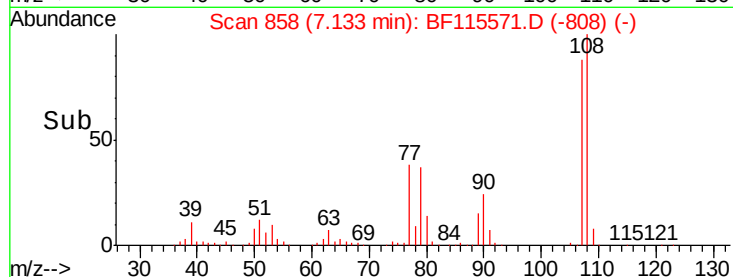
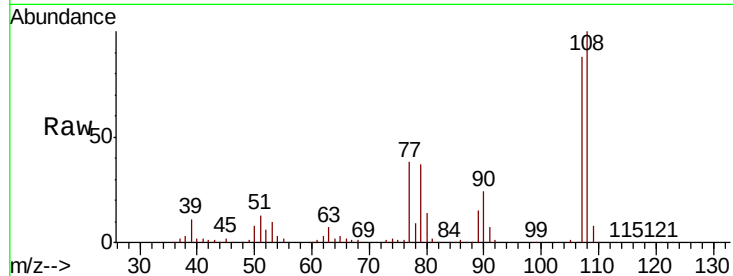




#17
2-Methylphenol
Concen: 31.242 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

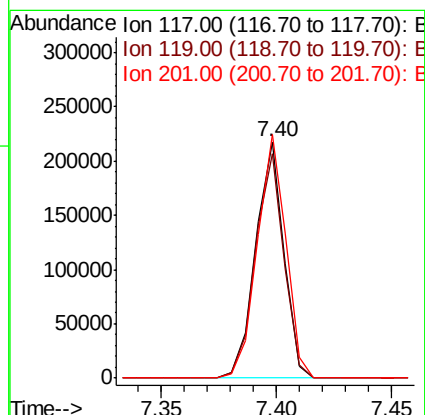
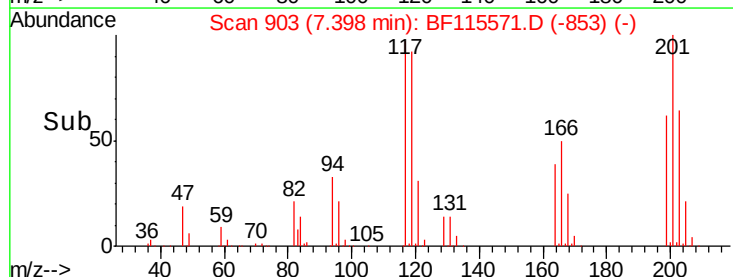
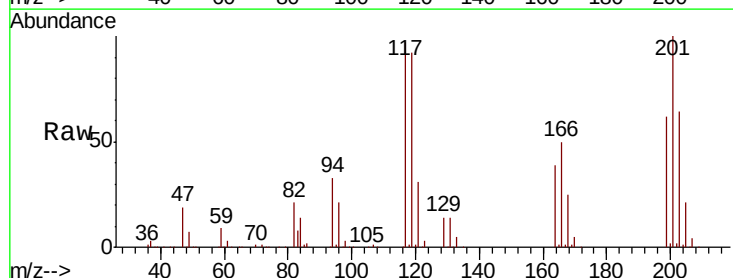
Instrument :
BNA_F
ClientSampleId :
TP-1MS

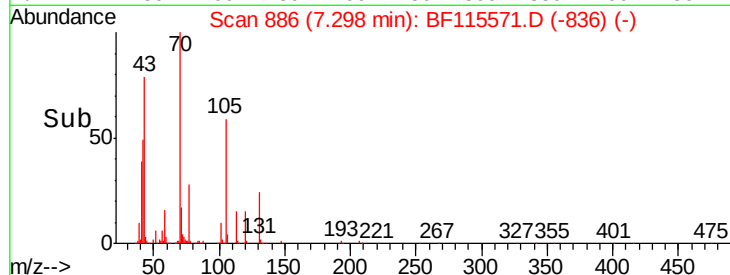
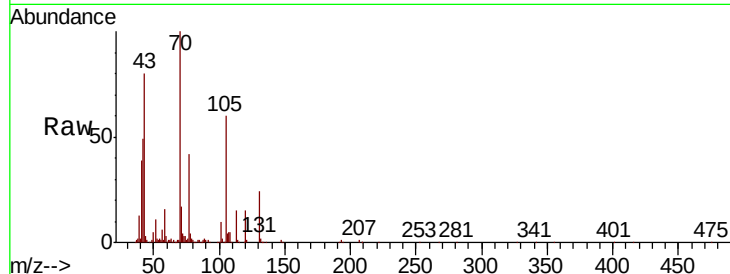
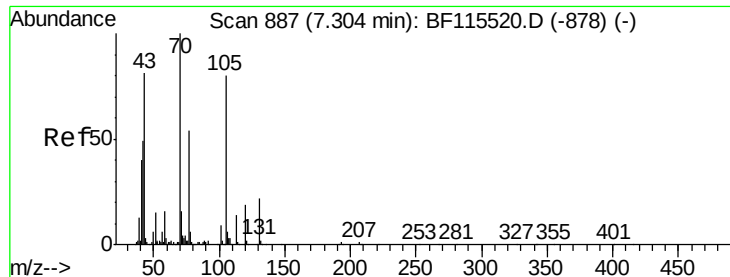
Tot Ion:107 Resp: 411775
Ion Ratio Lower Upper
107 100
108 114.0 89.4 134.2
77 43.6 35.7 53.5
79 42.3 35.0 52.4



#18
Hexachloroethane
Concen: 29.271 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt Ion:117 Resp: 186402
Ion Ratio Lower Upper
117 100
119 95.1 77.7 116.5
201 102.9 86.0 129.0

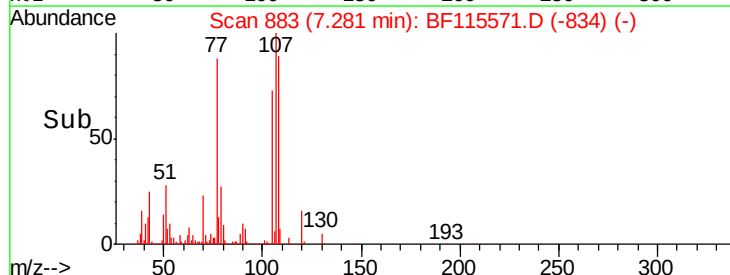
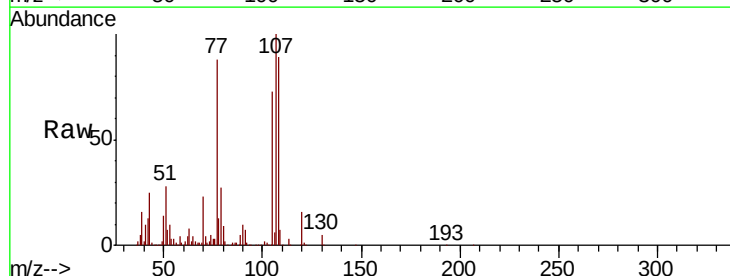
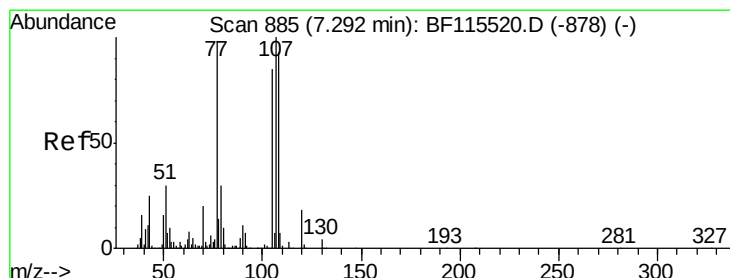
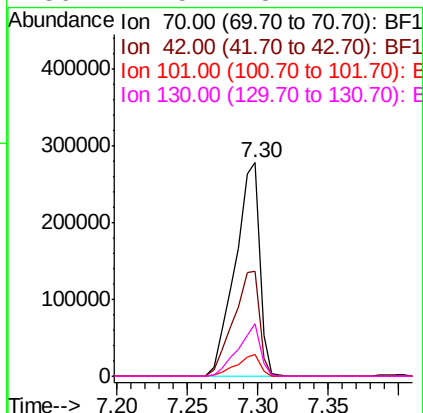




#19
n-Nitroso-di-n-propylamine
Concen: 30.571 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

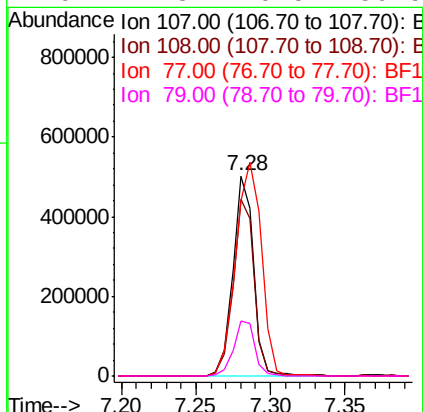
Instrument :
BNA_F
ClientSampleId :
TP-1MS

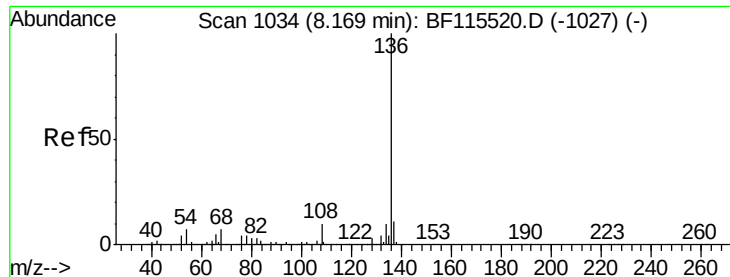
Tot Ion:	70	Resp:	336543
Ion	Ratio	Lower	Upper
70	100		
42	49.2	39.6	59.4
101	10.3	8.1	12.1
130	24.5	18.2	27.2



#20
3+4-Methylphenols
Concen: 31.252 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt Ion:	107	Resp:	489281
Ion	Ratio	Lower	Upper
107	100		
108	88.6	72.9	112.9
77	87.7	77.6	117.6
79	27.3	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: BF115571.D

Acq: 15 Jul 2019 21:53

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tot Ion:136 Resp: 858631

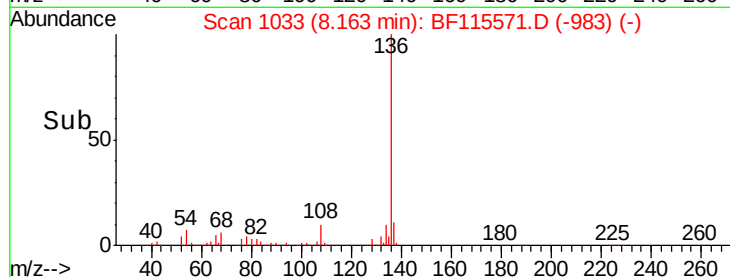
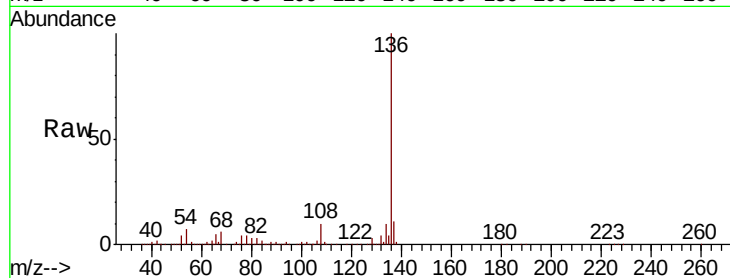
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 6.8 5.6 8.4

68 6.4 5.0 7.6

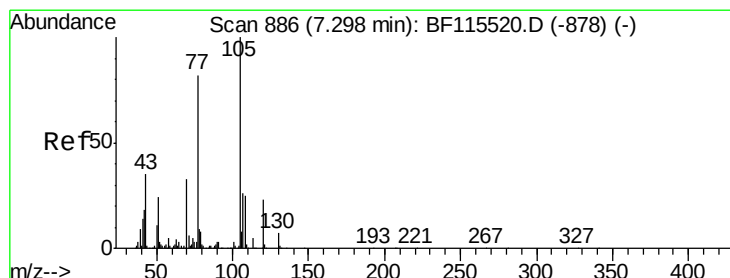
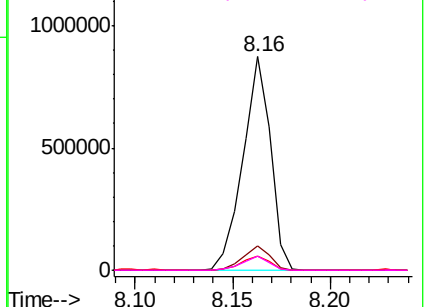


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.884 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

Tgt Ion:105 Resp: 657265

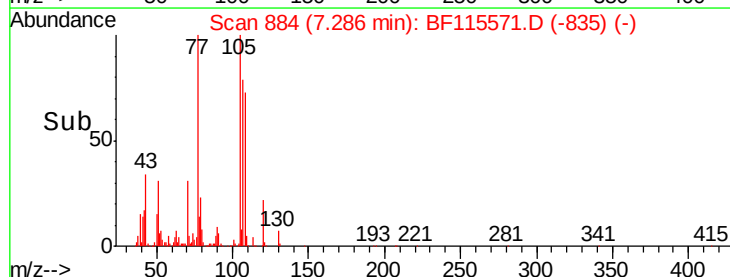
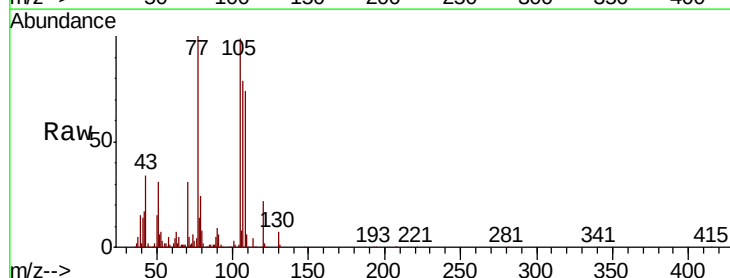
Ion Ratio Lower Upper

105 100

71 5.3 3.5 5.3

51 31.1 25.6 38.4

120 22.2 17.9 26.9

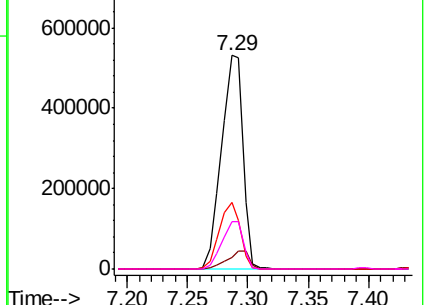


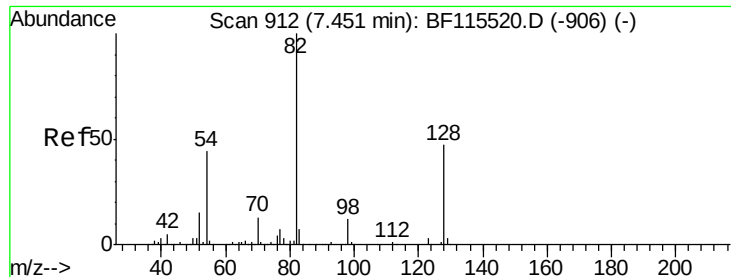
Abundance Ion 105.00 (104.70 to 105.70): E

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



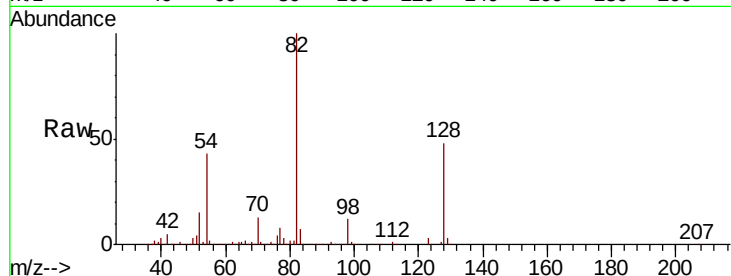


#23
 Nitrobenzene-d5
 Concen: 71.591 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

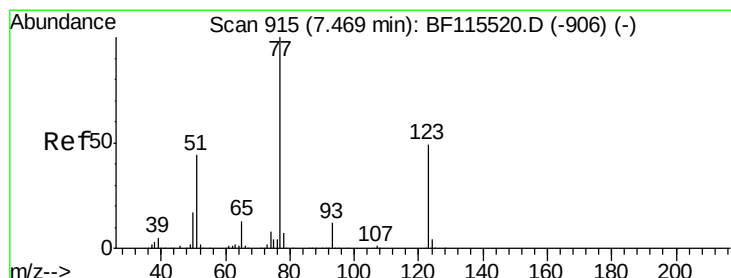
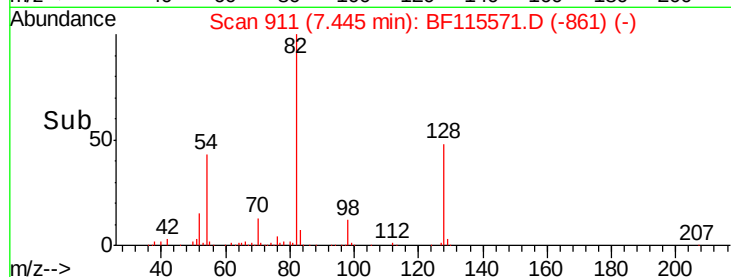
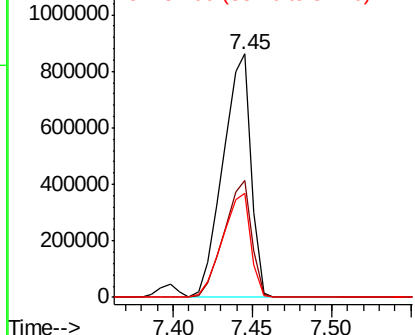
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tot Ion: 82 Resp: 1057166

Ion	Ratio	Lower	Upper
82	100		
128	47.8	38.6	57.8
54	43.0	35.6	53.4



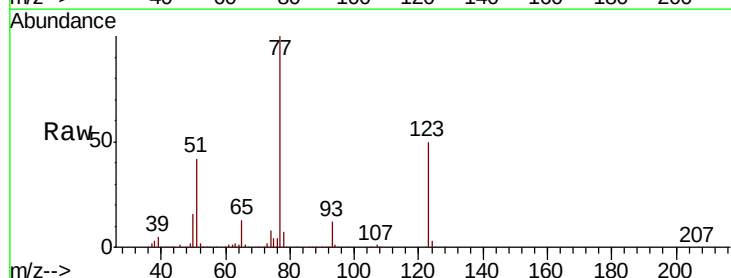
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



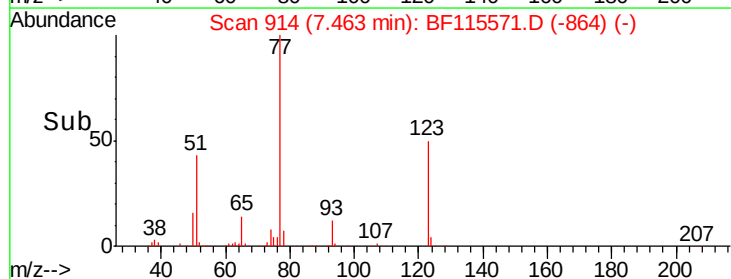
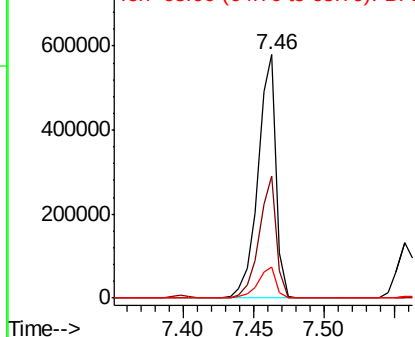
#24
 Nitrobenzene
 Concen: 32.943 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

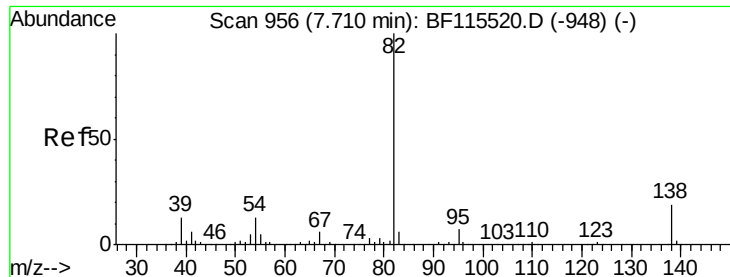
Tgt Ion: 77 Resp: 524683

Ion	Ratio	Lower	Upper
77	100		
123	50.2	40.0	60.0
65	13.0	11.0	16.4



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





#25

Isophorone

Concen: 32.451 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

Instrument :

BNA_F

ClientSampleId :

TP-1MS

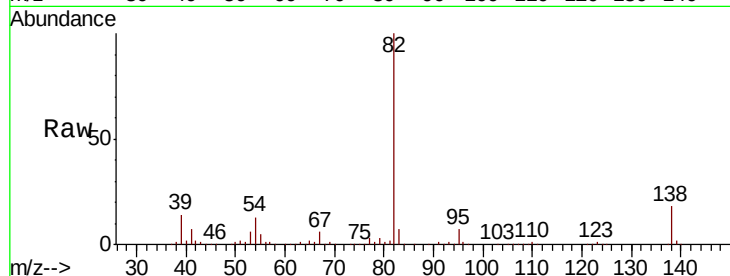
Tot Ion: 82 Resp: 958885

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

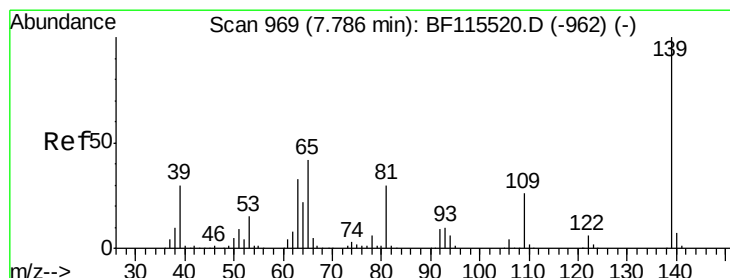
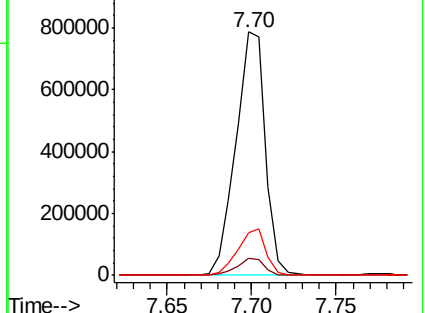
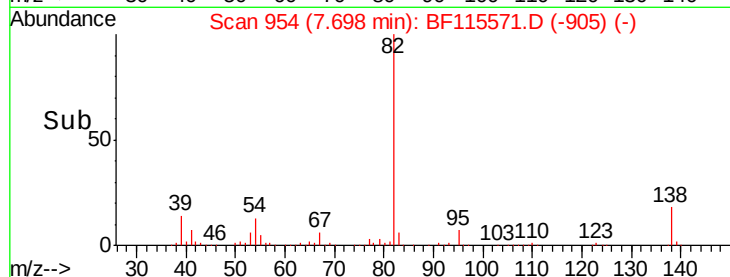
138 17.7 14.9 22.3



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: 32.949 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

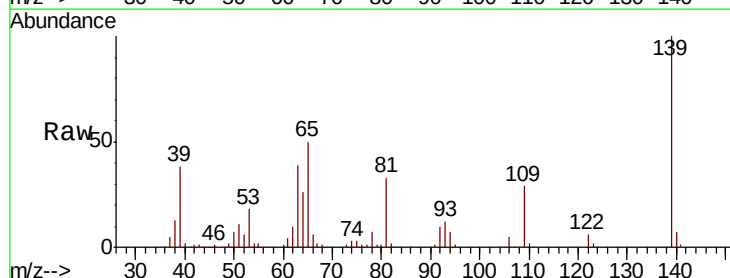
Tgt Ion: 139 Resp: 270112

Ion Ratio Lower Upper

139 100

109 28.8 23.3 34.9

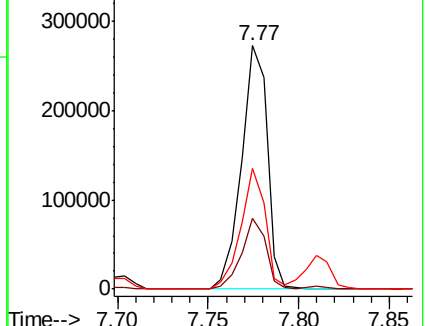
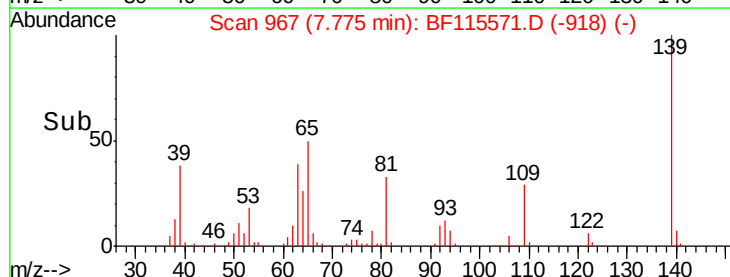
65 49.7 37.9 56.9

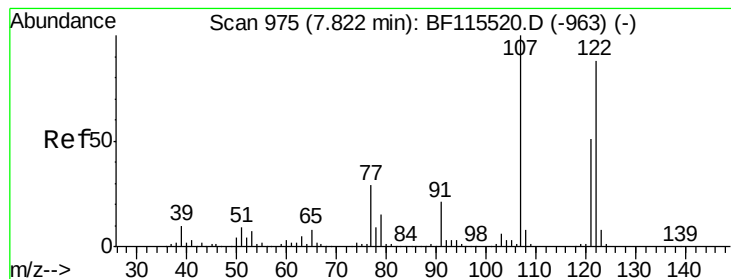


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 35.489 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

Instrument :

BNA_F

ClientSampleId :

TP-1MS

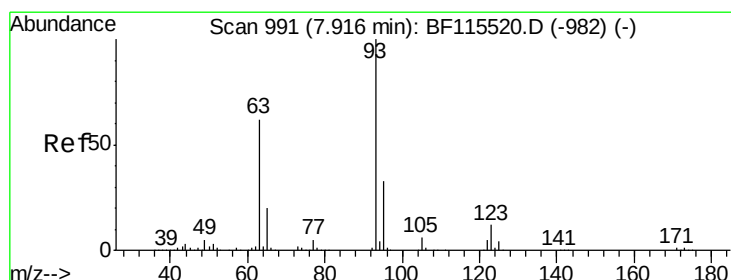
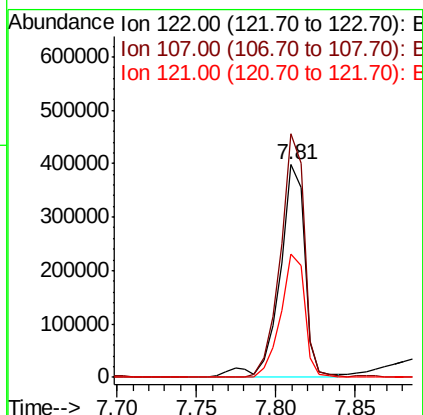
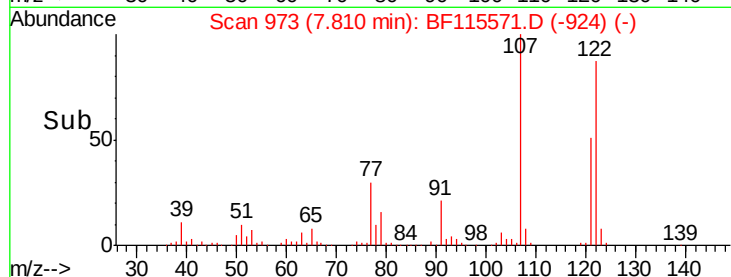
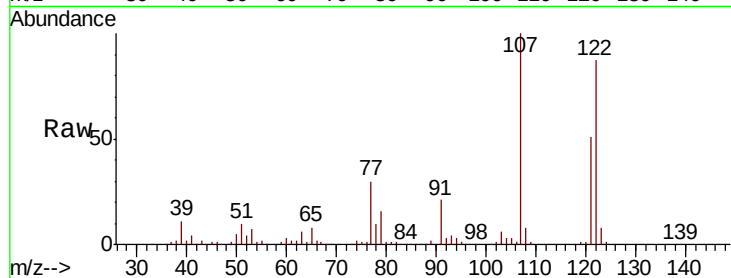
Tot Ion:122 Resp: 435309

Ion Ratio Lower Upper

122 100

107 114.6 92.9 139.3

121 58.2 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 33.094 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

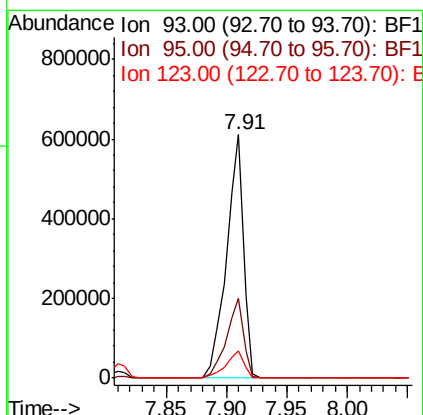
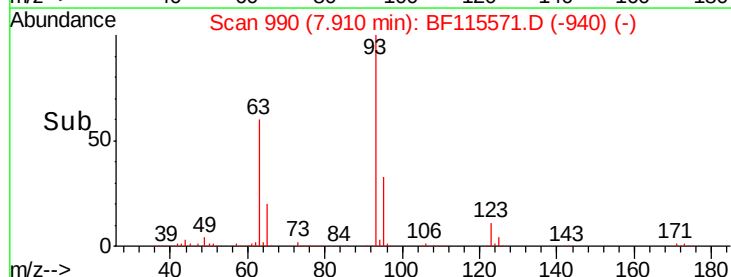
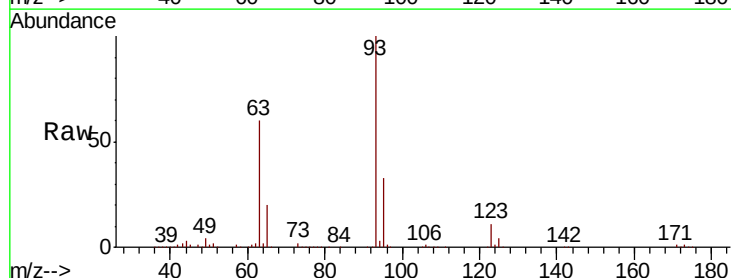
Tgt Ion: 93 Resp: 599895

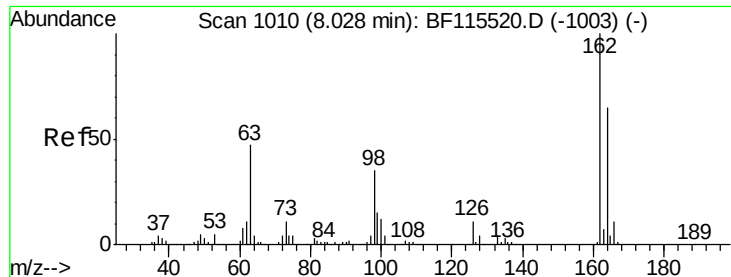
Ion Ratio Lower Upper

93 100

95 32.8 27.0 40.4

123 11.4 9.9 14.9

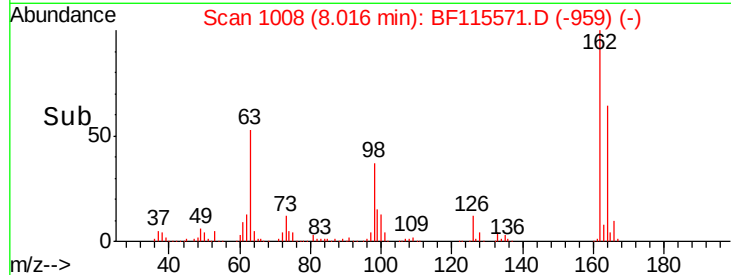
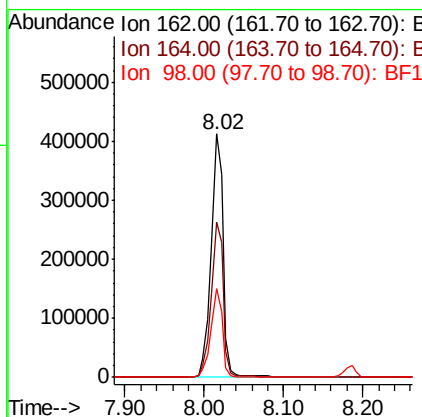
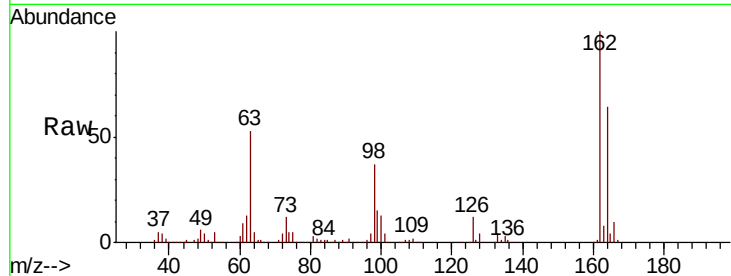




#29
 2,4-Dichlorophenol
 Concen: 33.969 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

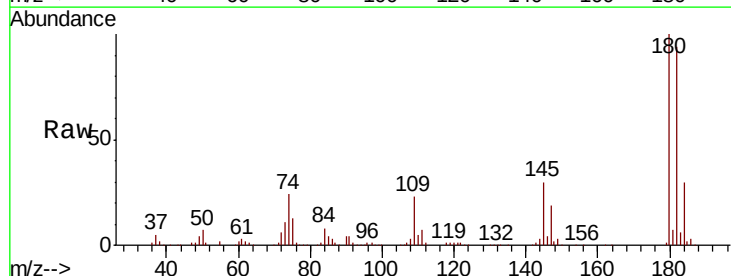
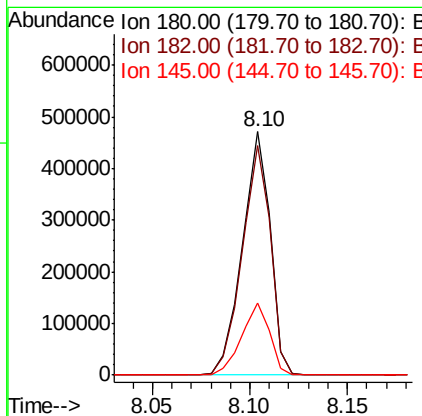
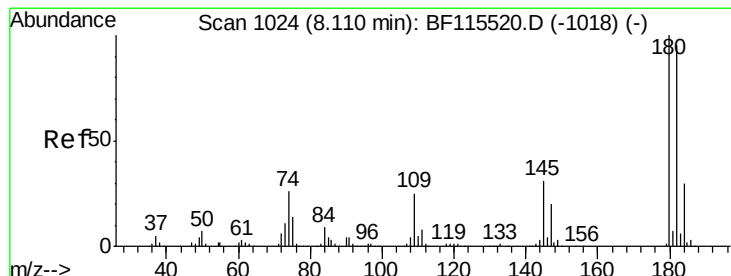
Instrument :
 BNA_F
 ClientSampled :
 TP-1MS

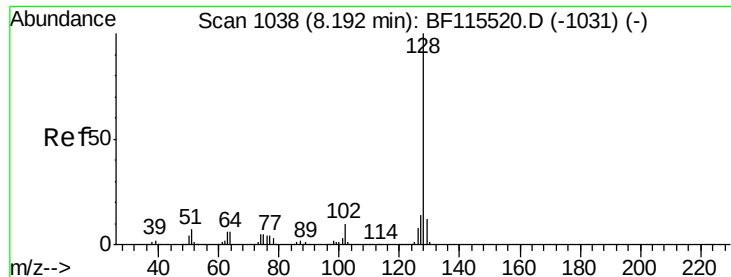
Tot Ion:162 Resp: 433332
 Ion Ratio Lower Upper
 162 100
 164 63.8 44.9 84.9
 98 36.6 17.7 57.7



#30
 1,2,4-Trichlorobenzene
 Concen: 32.387 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

Tgt Ion:180 Resp: 467021
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.0 112.6
 145 29.5 25.1 37.7

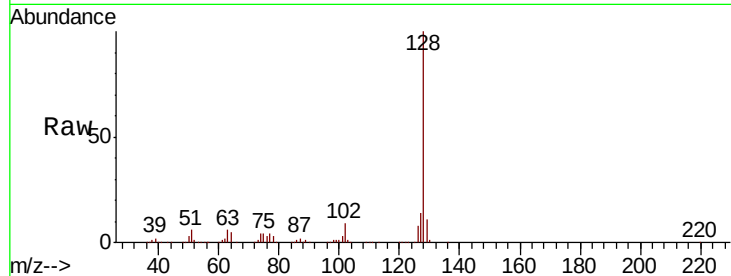




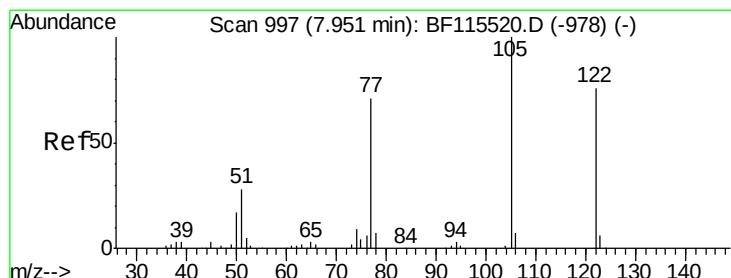
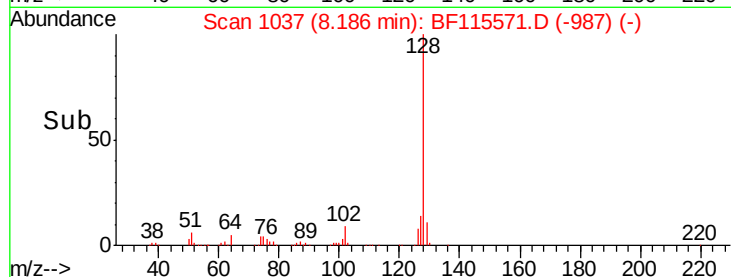
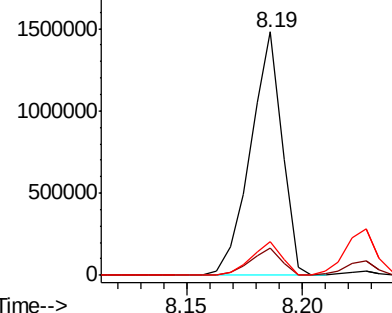
#31
Naphthalene
Concen: 33.789 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion:128 Resp: 1405076
Ion Ratio Lower Upper
128 100
129 11.4 9.9 14.9
127 13.6 12.1 18.1

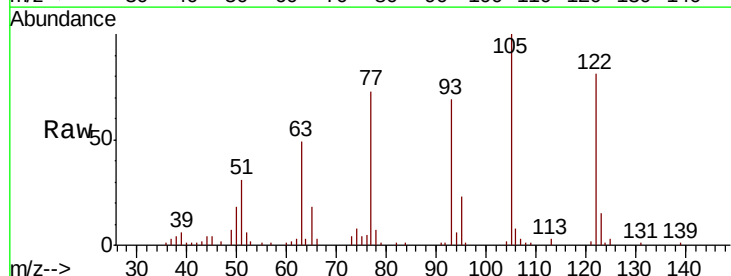


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

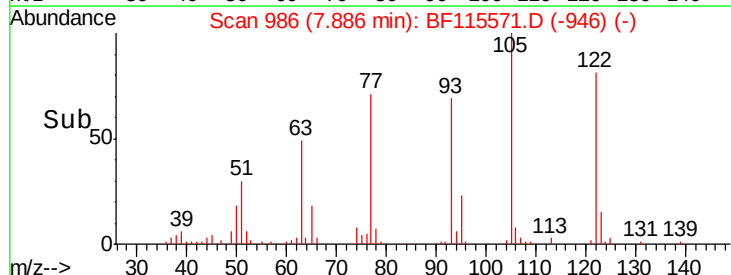
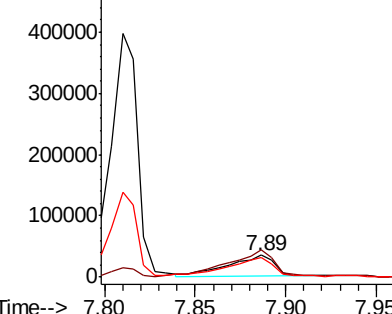


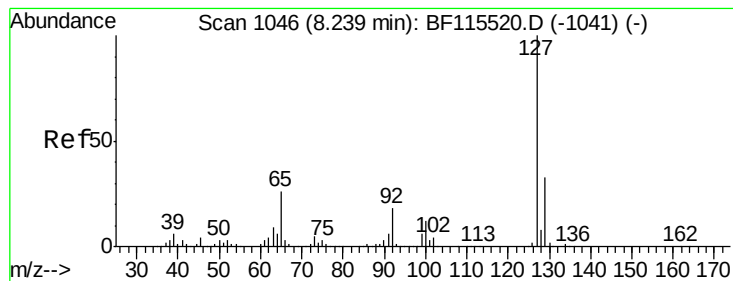
#32
Benzoic acid
Concen: 6.023 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.06 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt Ion:122 Resp: 60635
Ion Ratio Lower Upper
122 100
105 124.0 102.5 142.5
77 90.0 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: 14.882 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tot Ion:127 Resp: 274116

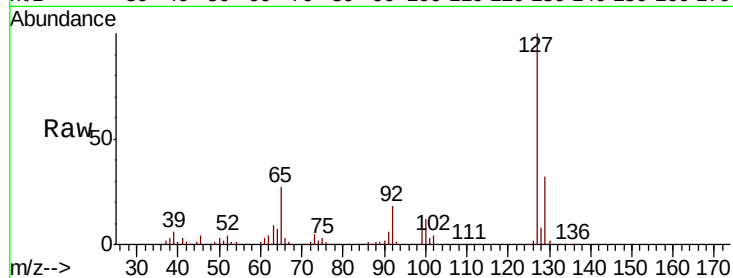
Ion Ratio Lower Upper

127 100

129 32.1 26.6 39.8

65 26.8 23.7 35.5

92 18.1 15.8 23.8

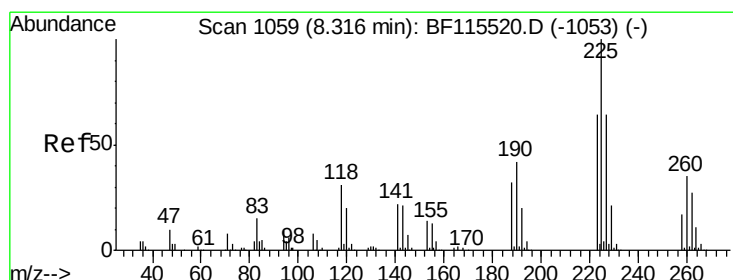
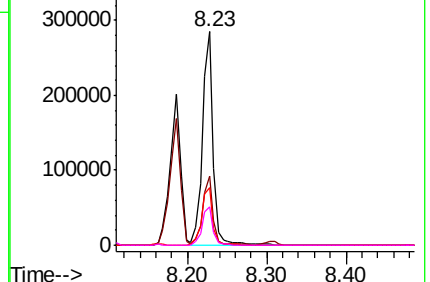
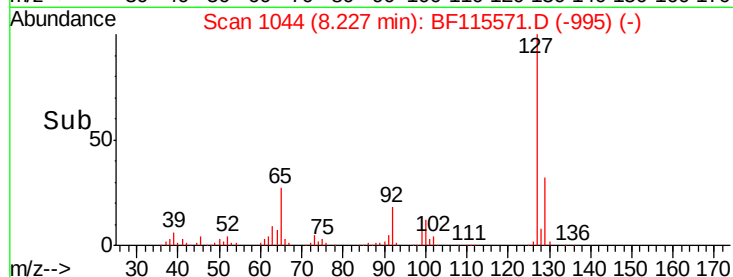


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 31.441 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

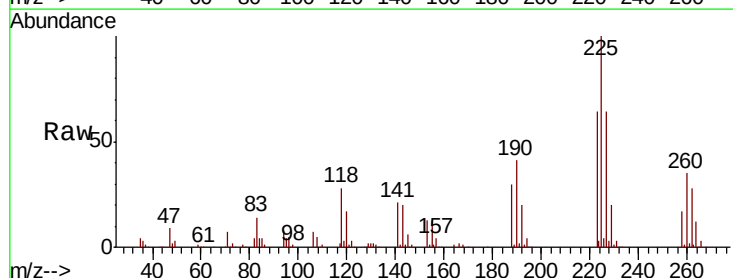
Tgt Ion:225 Resp: 259988

Ion Ratio Lower Upper

225 100

223 63.9 50.9 76.3

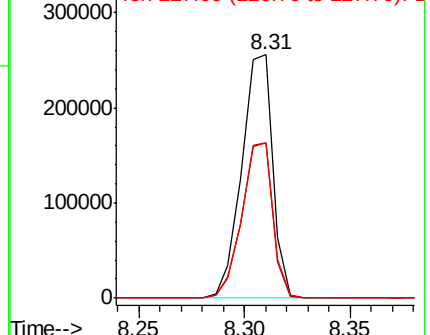
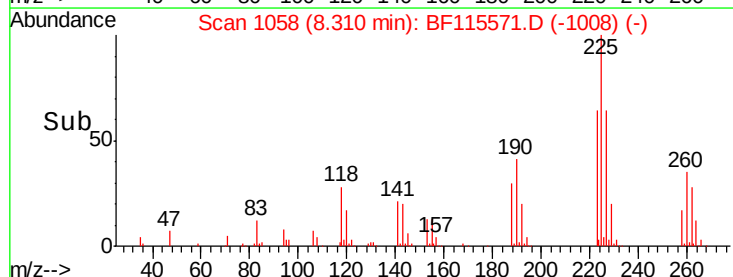
227 64.0 50.7 76.1

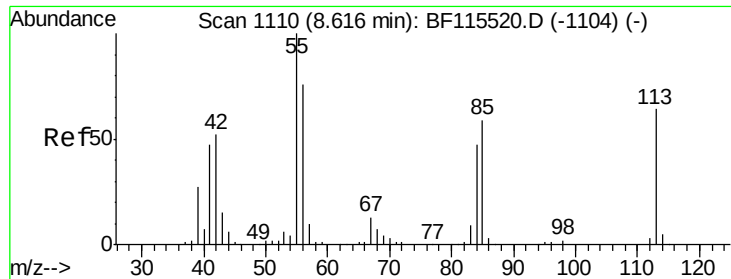


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

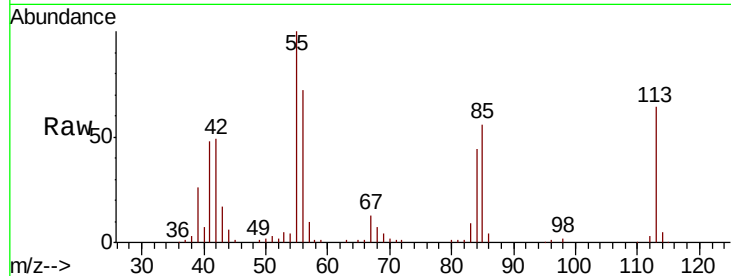




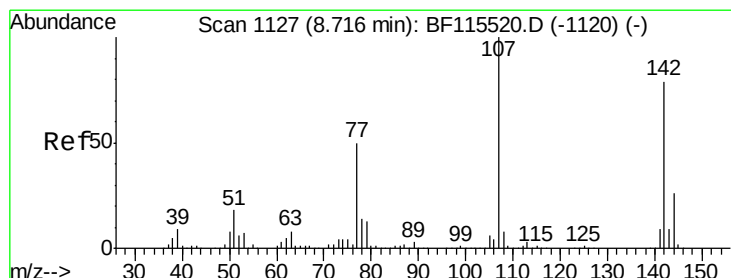
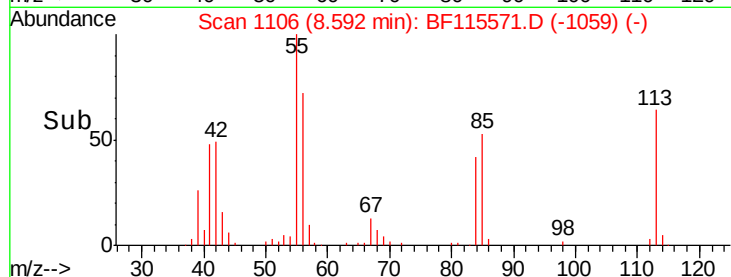
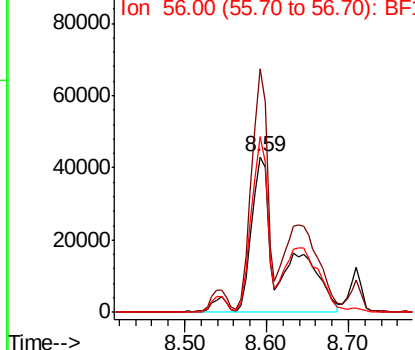
#35
 Caprolactam
 Concen: 28.678 ng/ml
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.02 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tot Ion:113 Resp: 113049
 Ion Ratio Lower Upper
 113 100
 55 156.2 126.9 166.9
 56 112.8 90.3 130.3

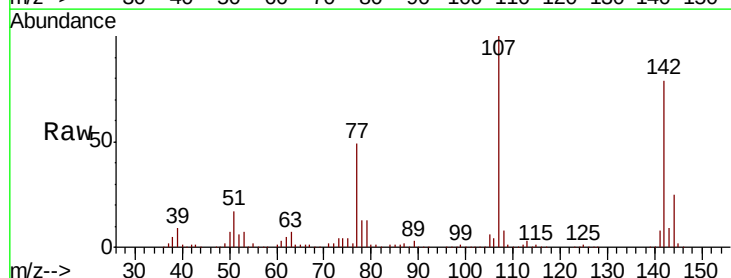


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

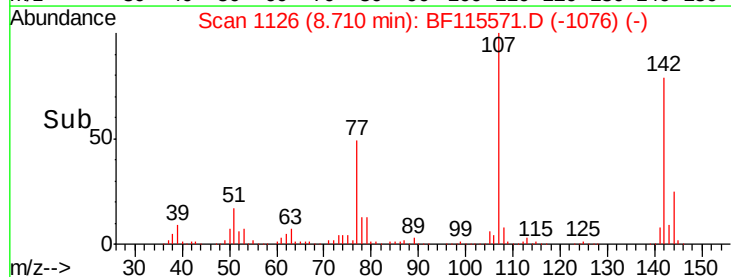
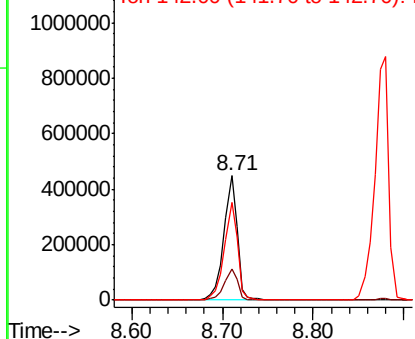


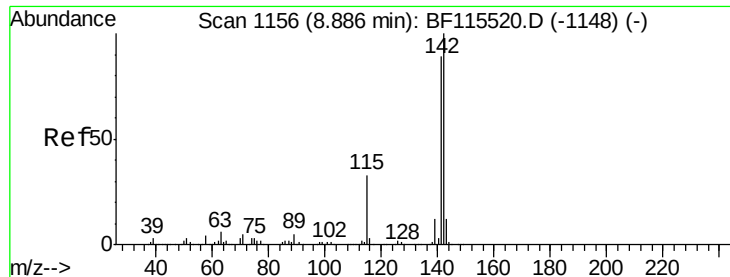
#36
 4-Chloro-3-methylphenol
 Concen: 34.056 ng/ml
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

Tgt Ion:107 Resp: 450651
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.6 30.8
 142 78.9 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

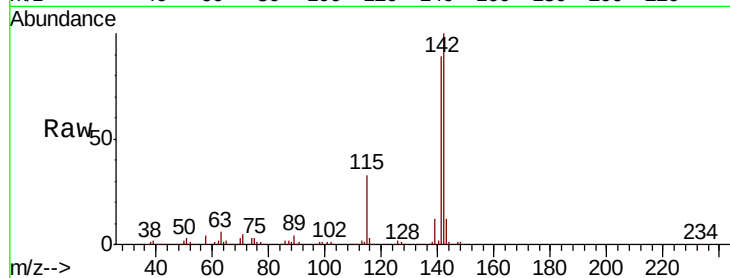




#37
2-Methylnaphthalene
Concen: 34.414 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.0	108.0
115	33.2	29.9	44.9

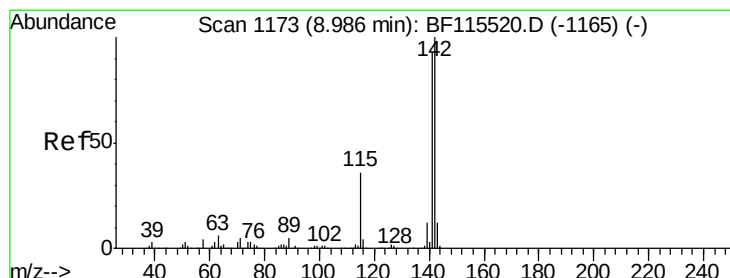
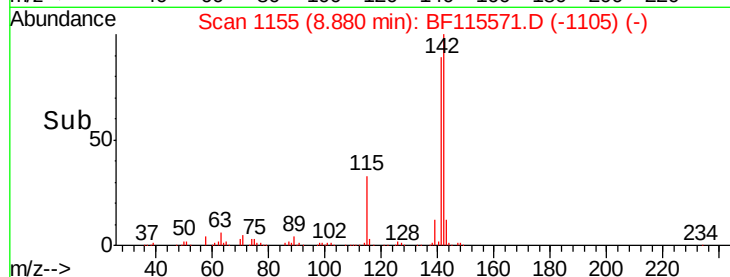
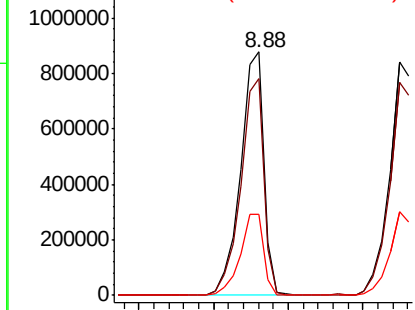


Abundance

Ion 142.00 (141.70 to 142.70): E

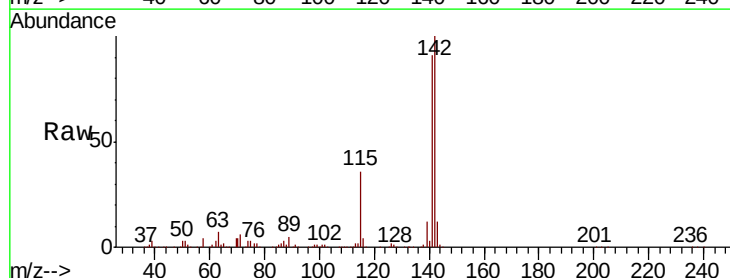
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 34.084 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	75.3	112.9
116	3.7	3.3	4.9

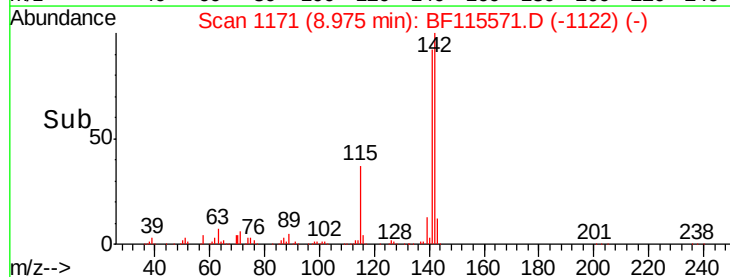
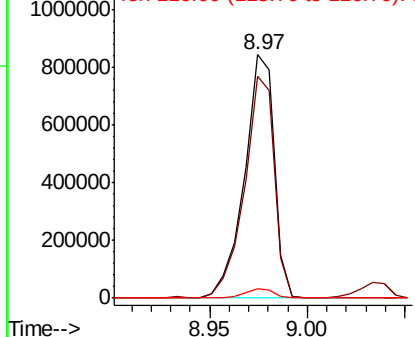


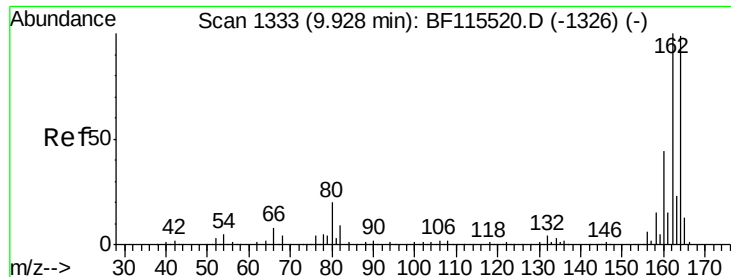
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

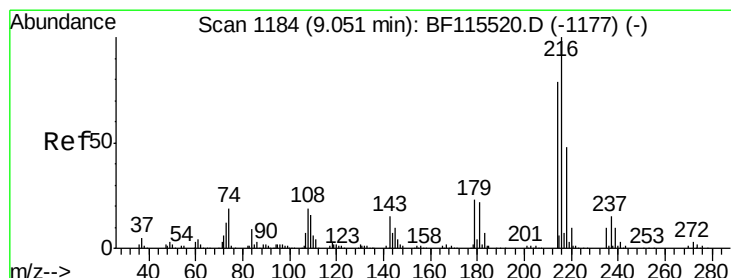
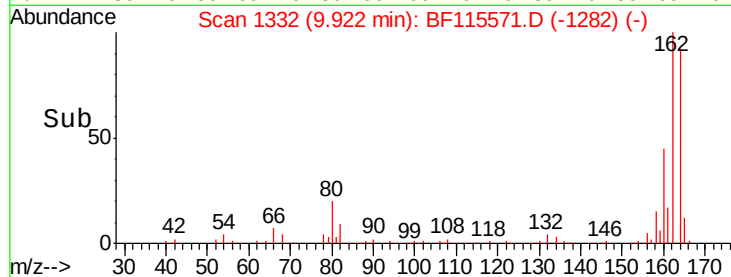
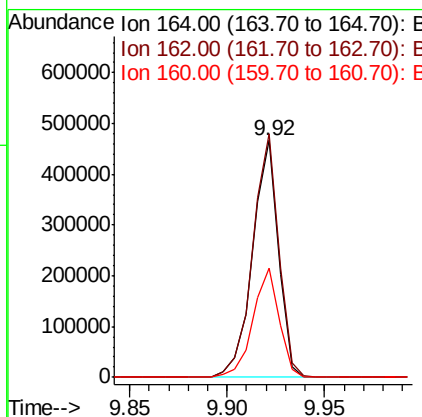
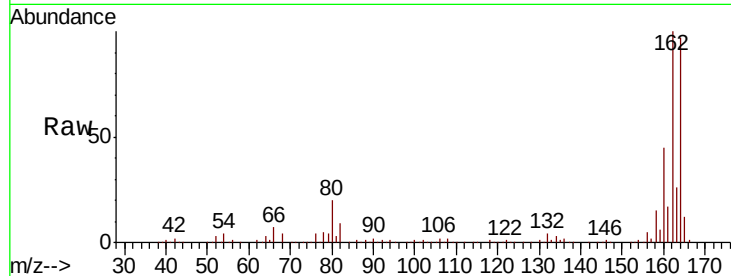




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

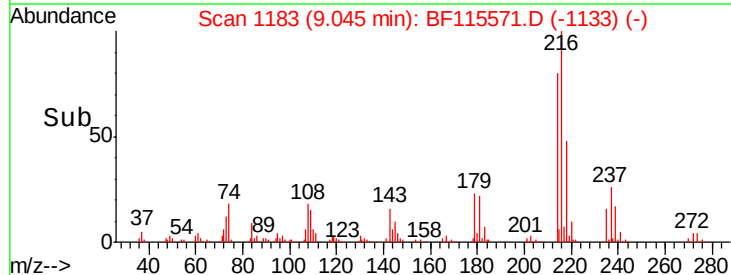
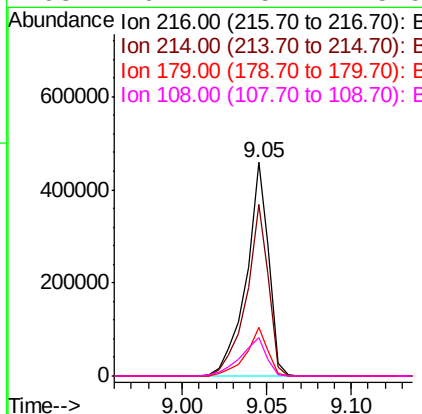
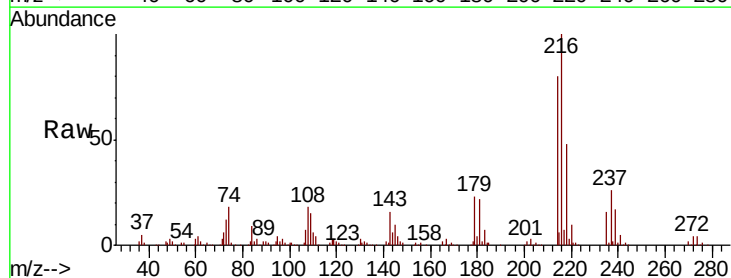
Instrument :
BNA_F
ClientSampleId :
TP-1MS

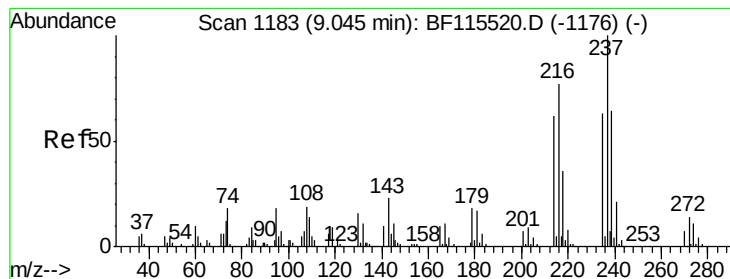
Tot Ion:164 Resp: 427622
Ion Ratio Lower Upper
164 100
162 102.7 82.9 124.3
160 45.9 36.8 55.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.822 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt Ion:216 Resp: 422660
Ion Ratio Lower Upper
216 100
214 79.4 65.1 97.7
179 22.1 18.3 27.5
108 20.7 15.7 23.5





#41

Hexachlorocyclopentadiene

Concen: 64.240 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

Instrument :

BNA_F

ClientSampleId :

TP-1MS

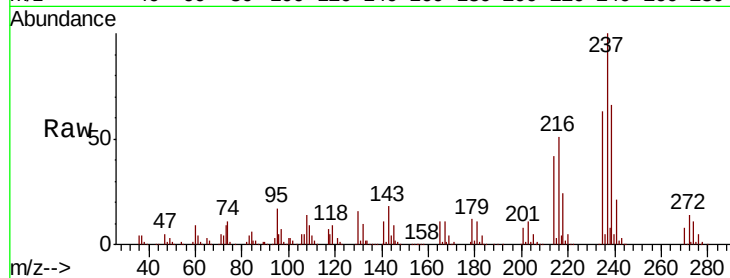
Tot Ion:237 Resp: 471883

Ion Ratio Lower Upper

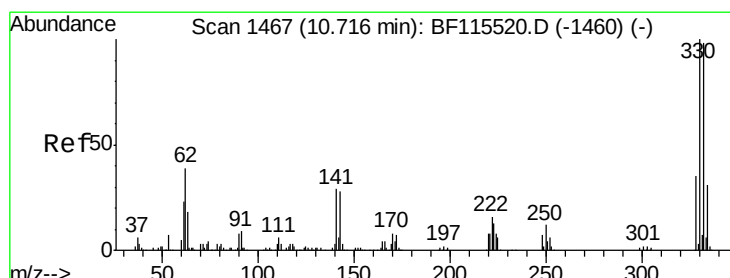
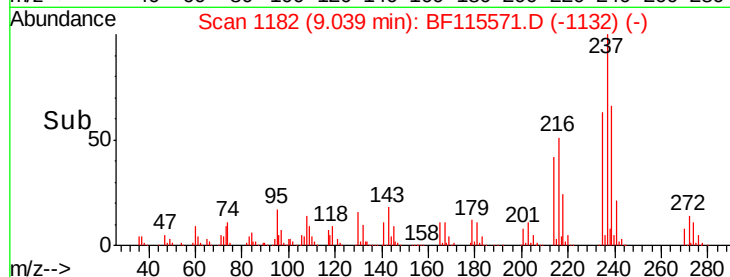
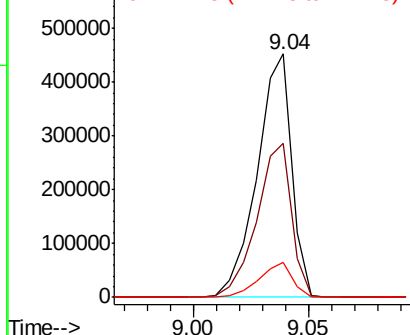
237 100

235 63.2 43.6 83.6

272 14.3 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: 99.817 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

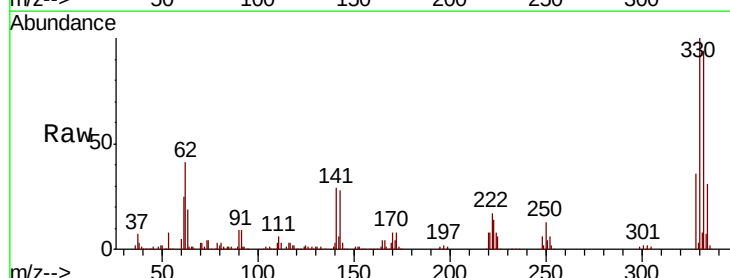
Tgt Ion:330 Resp: 498225

Ion Ratio Lower Upper

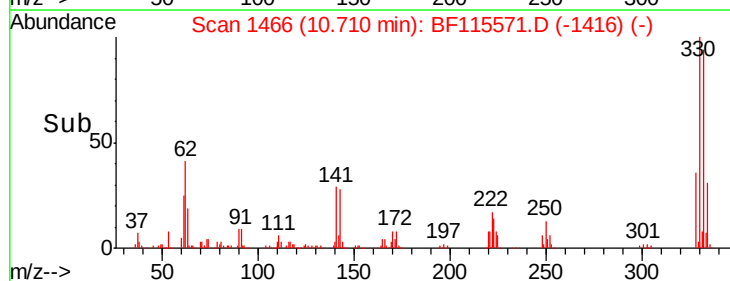
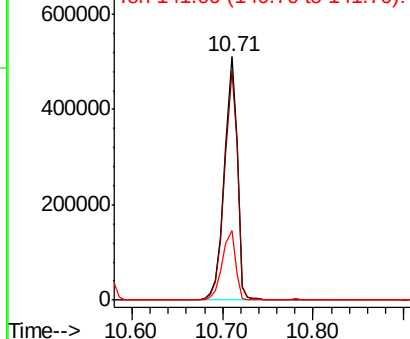
330 100

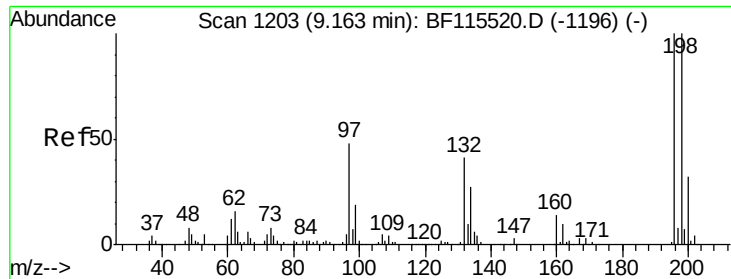
332 95.9 77.4 116.2

141 29.7 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

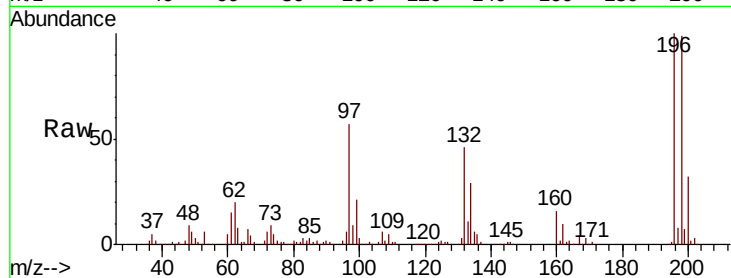




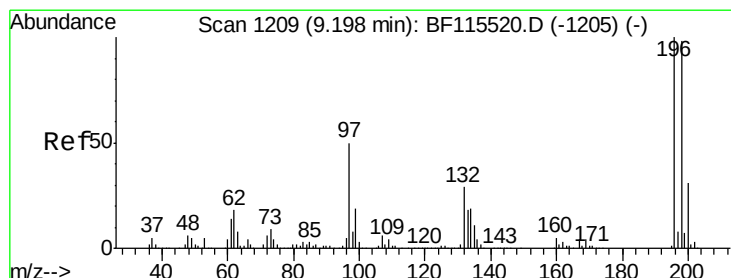
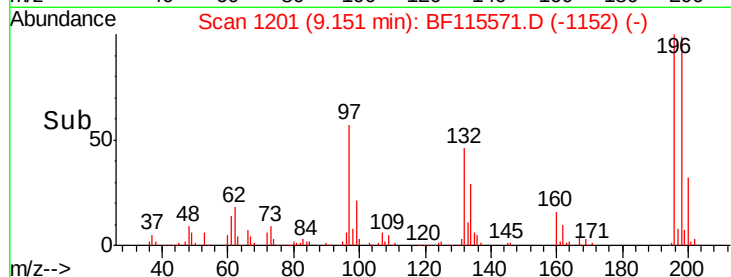
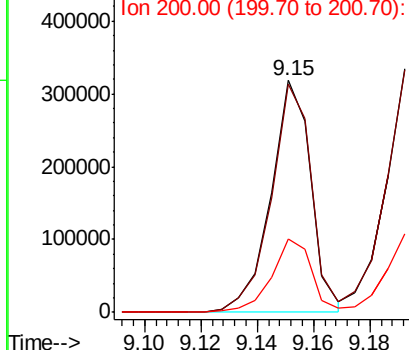
#43
 2,4,6-Trichlorophenol
 Concen: 33.279 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

Instrument :
 BNA_F
 ClientSampled :
 TP-1MS

Tot Ion:196 Resp: 313387
 Ion Ratio Lower Upper
 196 100
 198 98.8 80.6 121.0
 200 31.6 25.8 38.6

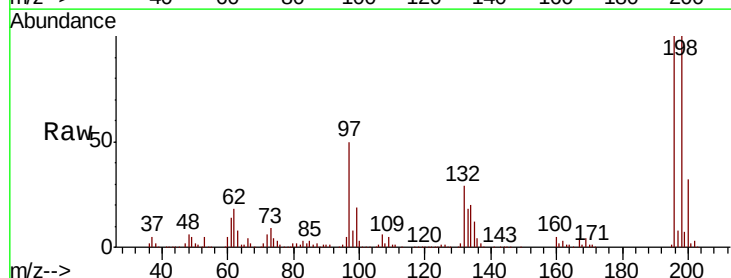


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

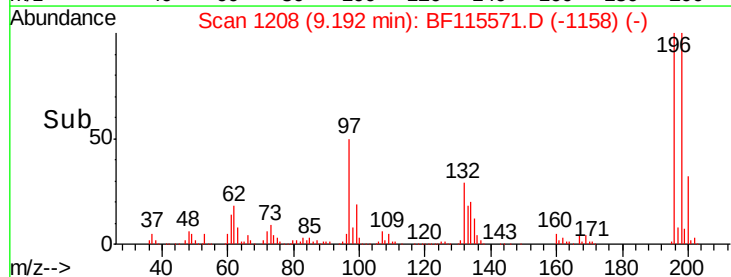
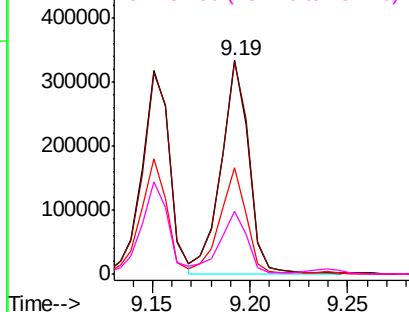


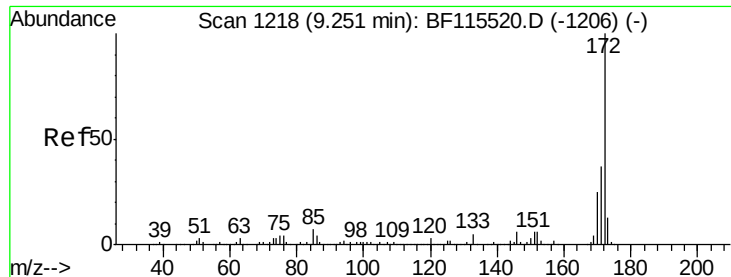
#44
 2,4,5-Trichlorophenol
 Concen: 33.692 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

Tgt Ion:196 Resp: 324922
 Ion Ratio Lower Upper
 196 100
 198 99.7 79.6 119.4
 97 49.8 37.8 56.6
 132 29.3 22.8 34.2



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

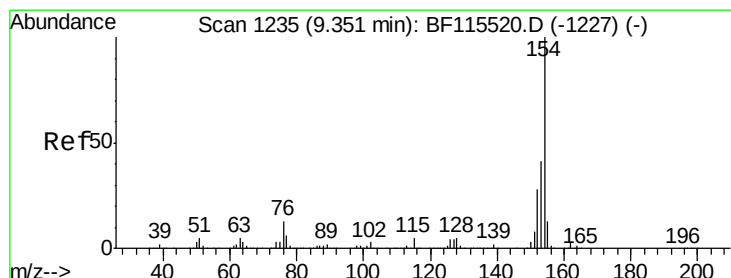
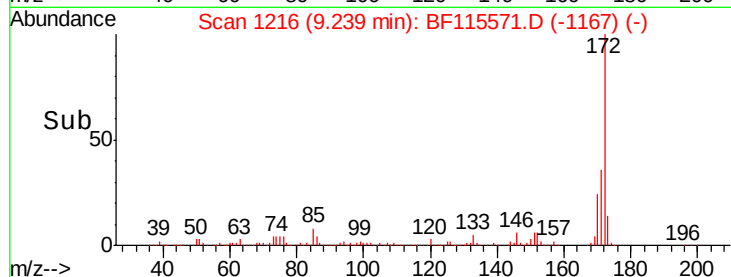
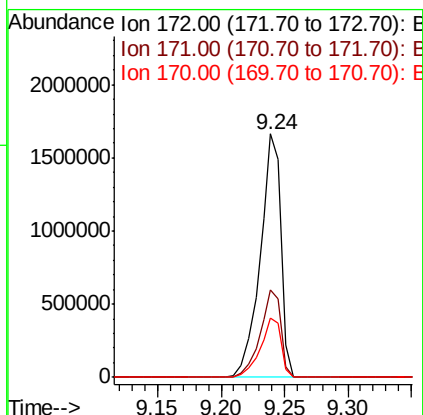
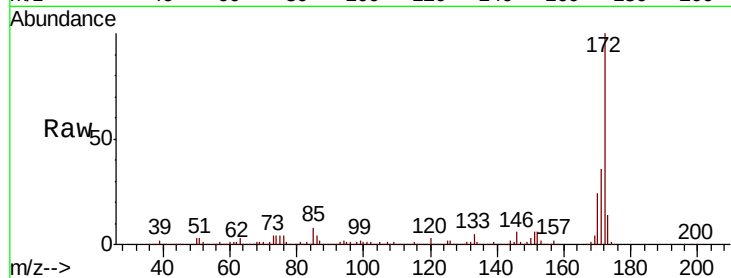




#45
2-Fluorobiphenyl
Concen: 77.692 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

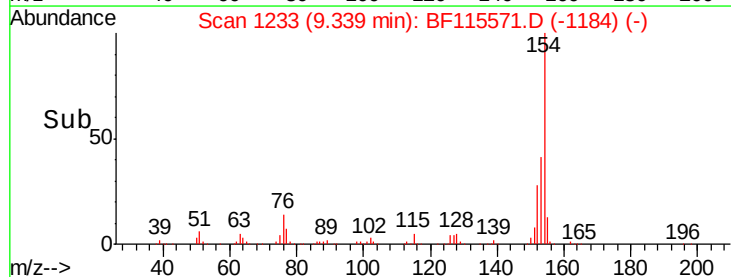
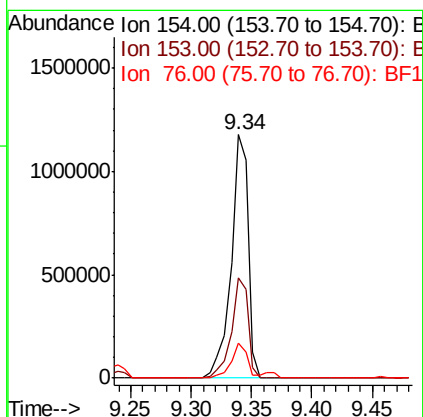
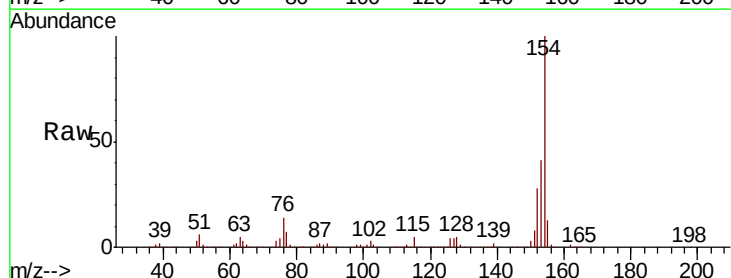
Instrument :
BNA_F
ClientSampleId :
TP-1MS

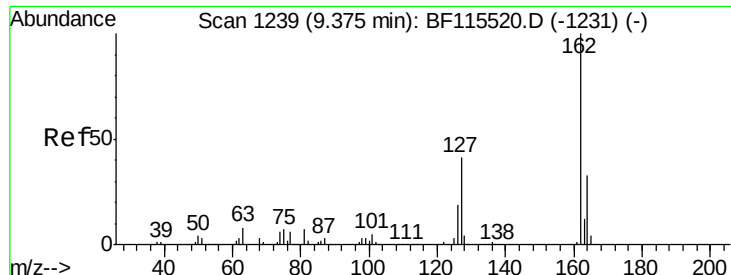
Tot Ion:172 Resp: 1898142
Ion Ratio Lower Upper
172 100
171 36.1 30.6 46.0
170 24.5 20.5 30.7



#46
1,1'-Biphenyl
Concen: 34.518 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt Ion:154 Resp: 1153959
Ion Ratio Lower Upper
154 100
153 41.3 22.6 62.6
76 14.3 0.0 33.4

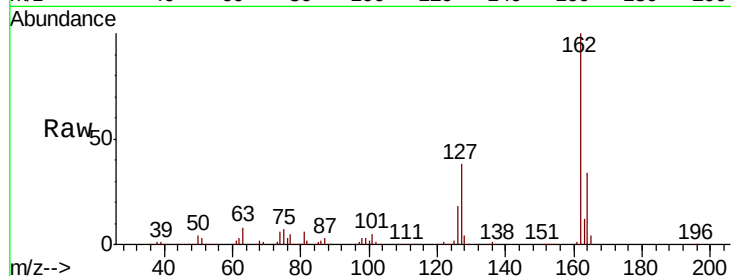




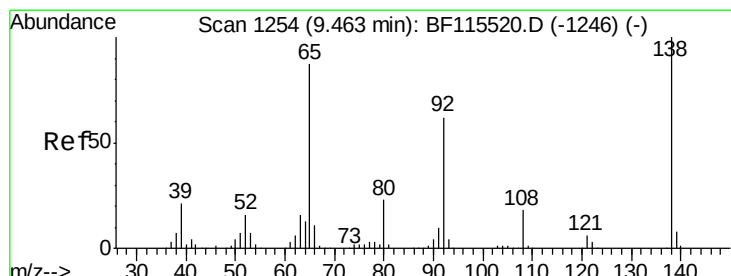
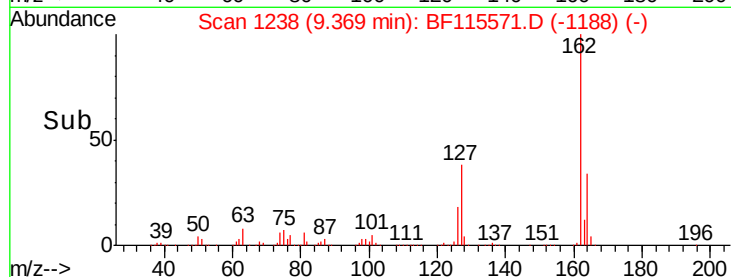
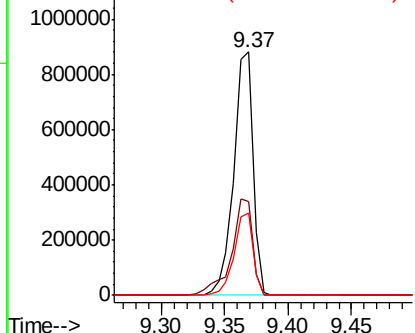
#47
2-Chloronaphthalene
Concen: 33.050 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Instrument :
BNA_F
ClientSampleId :
TP-1MS

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

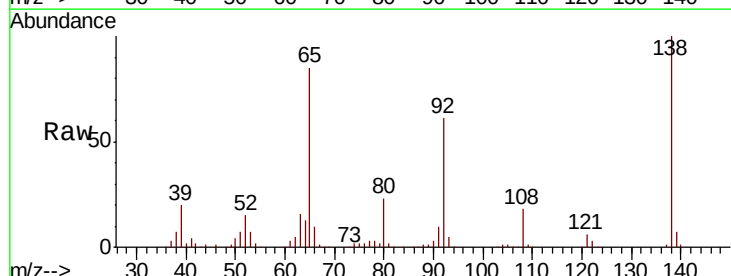


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

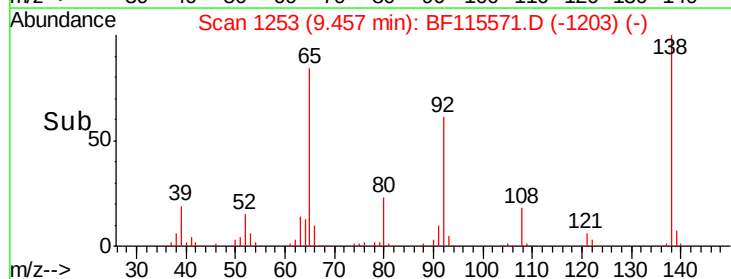
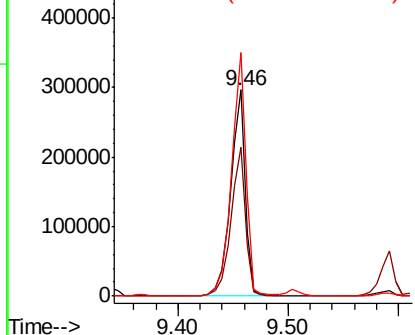


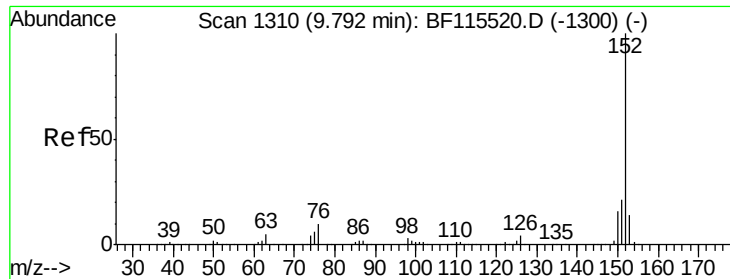
#48
2-Nitroaniline
Concen: 32.176 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	57.8	86.6
138	118.2	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: 33.532 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

Instrument :

BNA_F

ClientSampleId :

TP-1MS

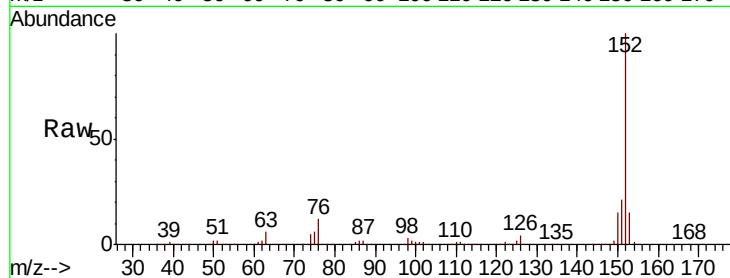
Tot Ion:152 Resp: 1383078

Ion Ratio Lower Upper

152 100

151 21.2 17.7 26.5

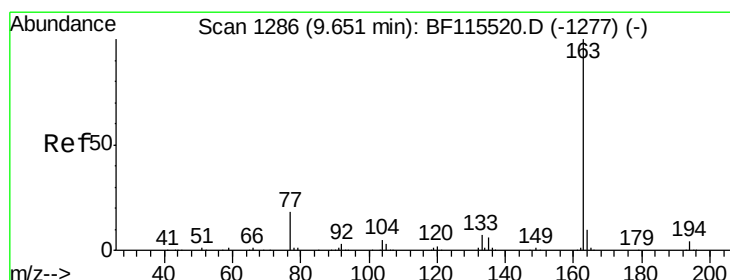
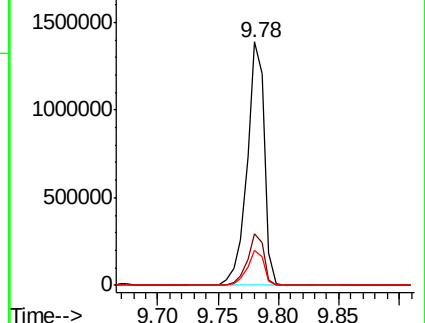
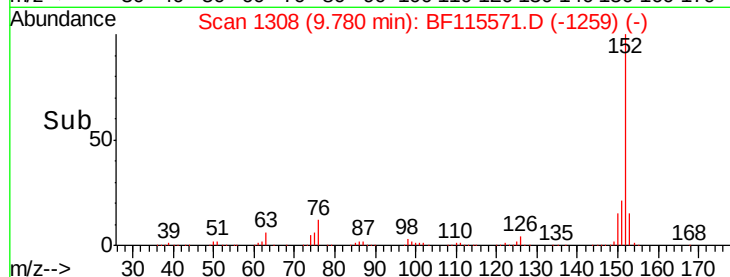
153 14.6 12.0 18.0



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: 45.593 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

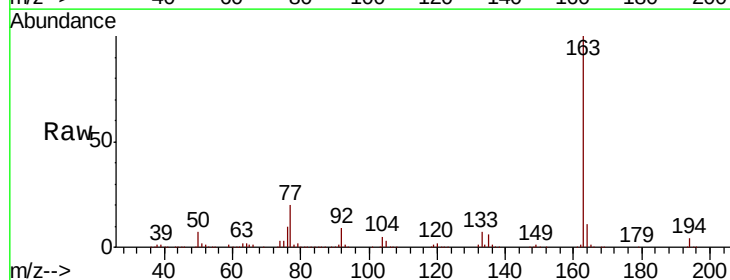
Tgt Ion:163 Resp: 1466873

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

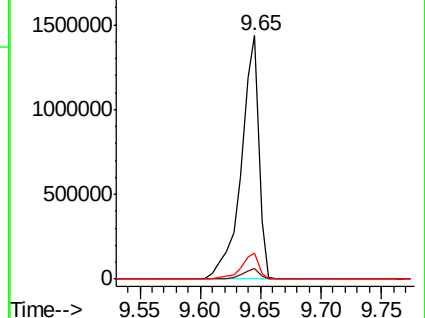
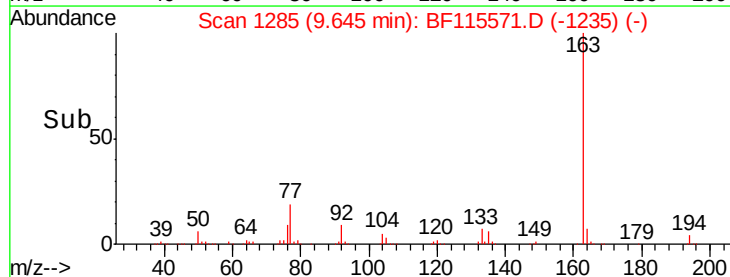
164 10.5 8.7 13.1

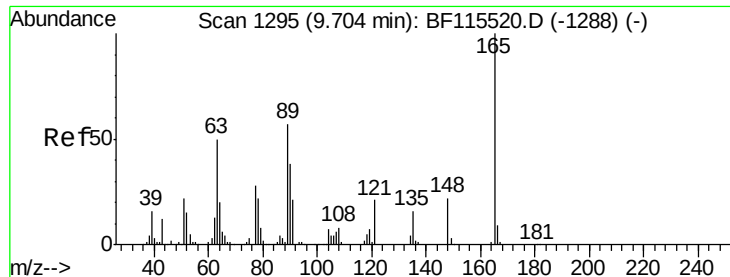


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 34.192 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

Instrument :

BNA_F

ClientSampleId :

TP-1MS

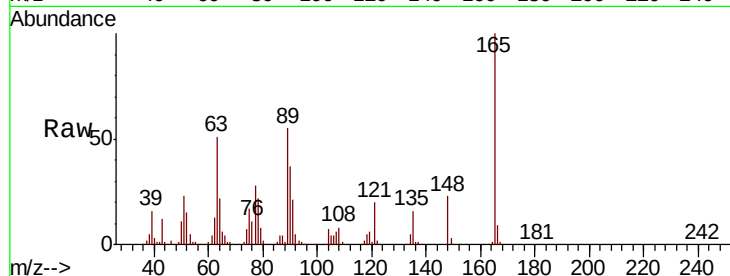
Tot Ion:165 Resp: 249993

Ion Ratio Lower Upper

165 100

63 50.9 40.6 61.0

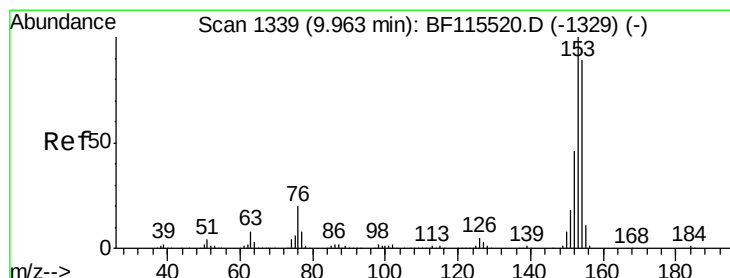
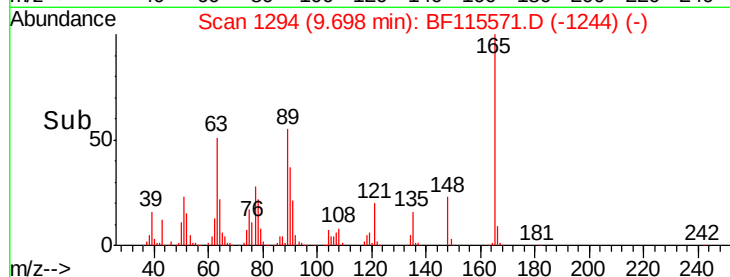
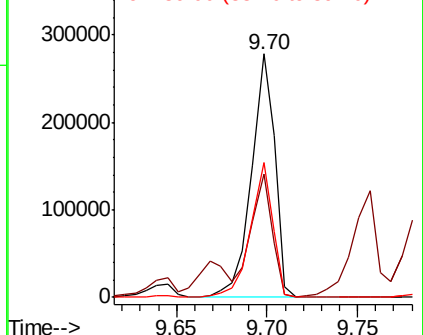
89 55.2 43.9 65.9



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 34.677 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

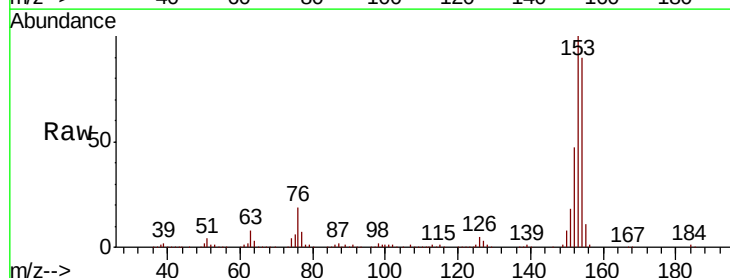
Tgt Ion:154 Resp: 923427

Ion Ratio Lower Upper

154 100

153 111.1 88.6 133.0

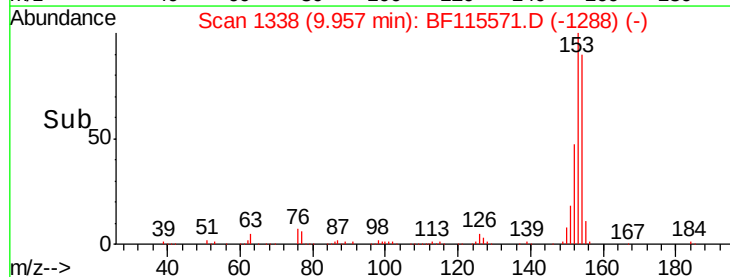
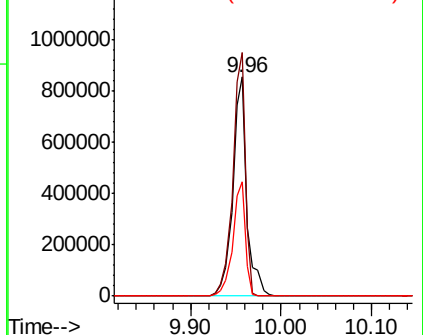
152 52.4 42.3 63.5

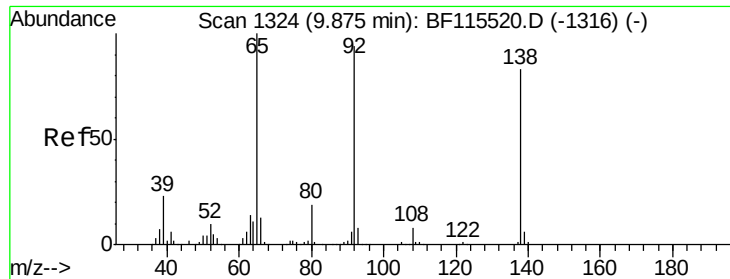


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

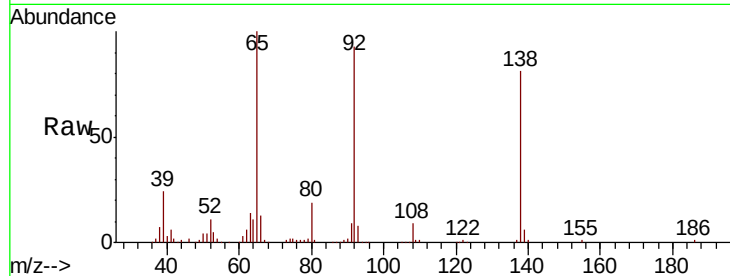




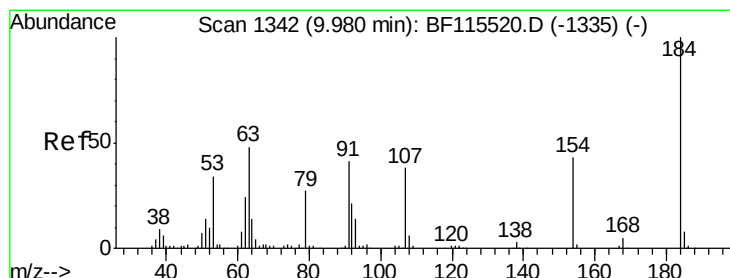
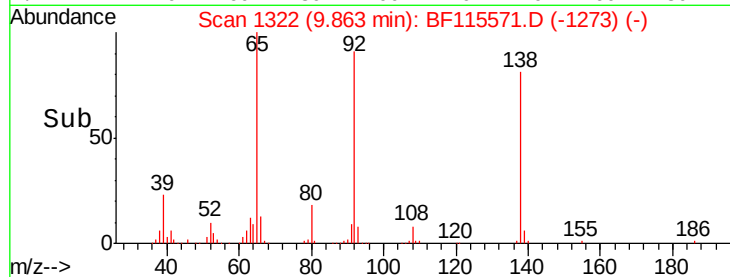
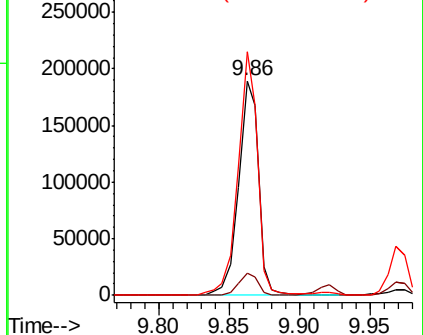
#53
 3-Nitroaniline
 Concen: 22.367 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tot Ion:138 Resp: 186886
 Ion Ratio Lower Upper
 138 100
 108 10.6 8.4 12.6
 92 113.7 88.0 132.0

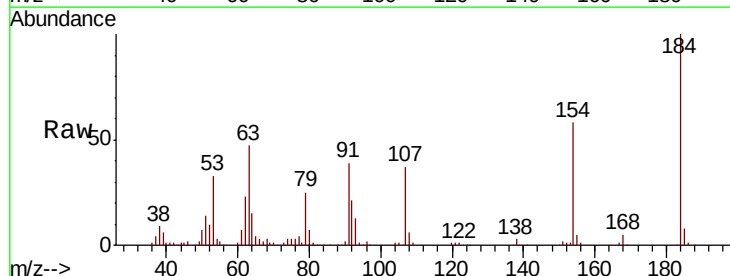


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

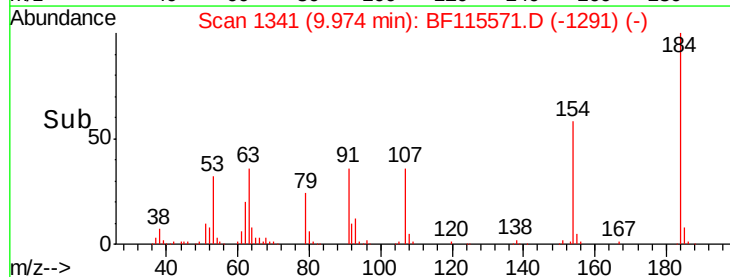
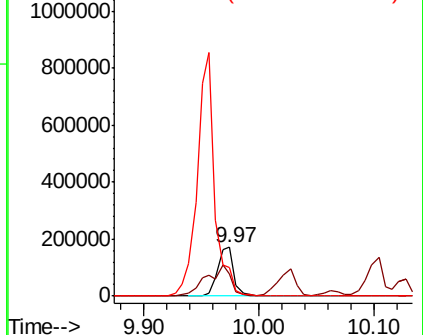


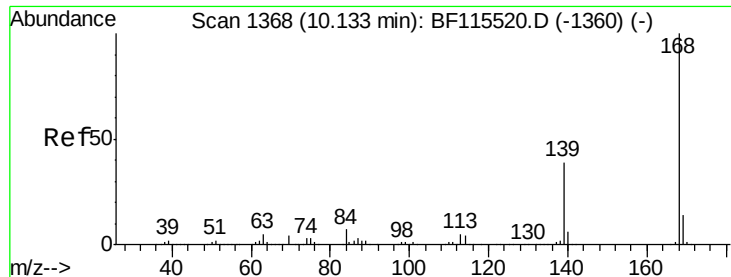
#54
 2,4-Dinitrophenol
 Concen: 44.134 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

Tgt Ion:184 Resp: 165673
 Ion Ratio Lower Upper
 184 100
 63 46.8 48.7 73.1#
 154 58.3 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

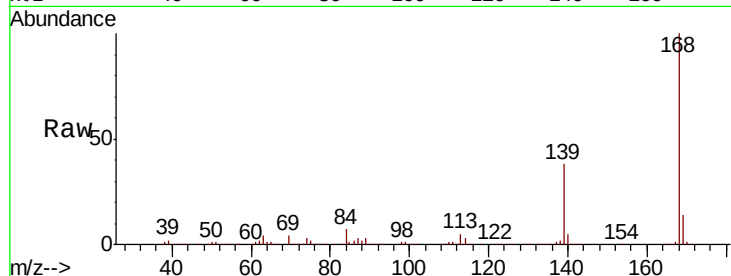




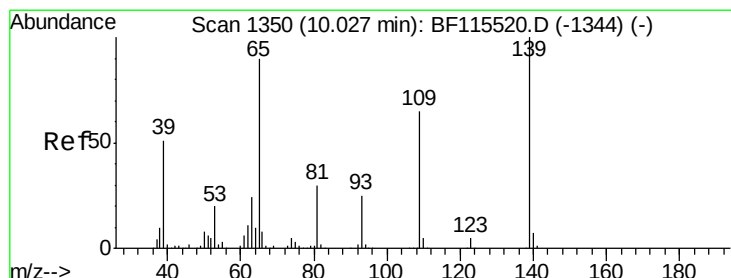
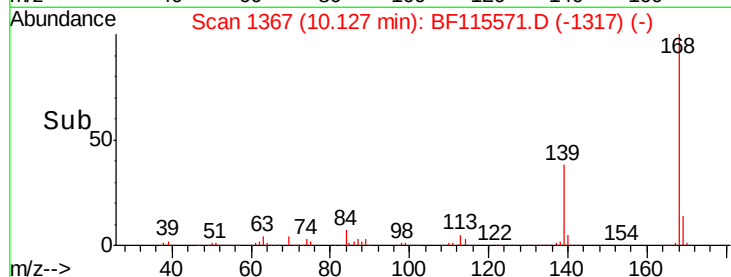
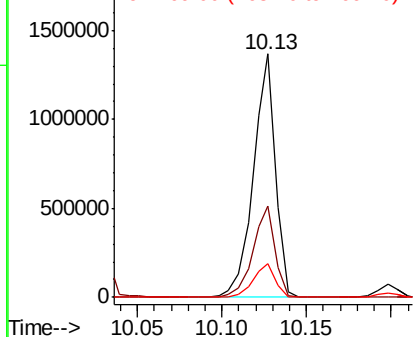
#55
Dibenzenofuran
Concen: 32.953 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion:168 Resp: 1246192
Ion Ratio Lower Upper
168 100
139 37.8 31.1 46.7
169 13.8 11.1 16.7

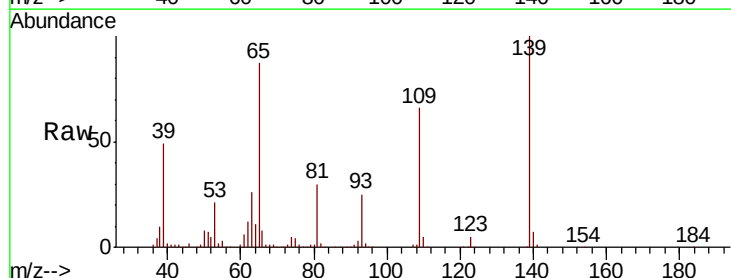


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

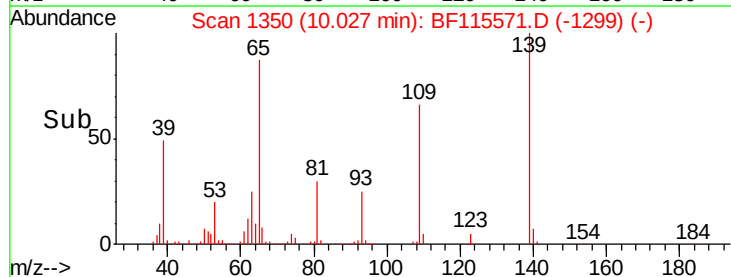
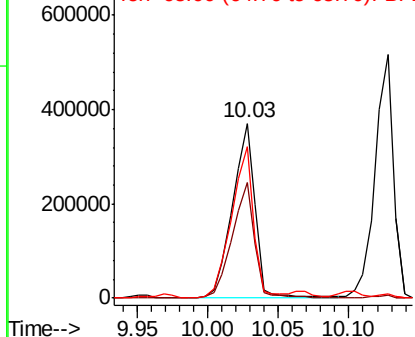


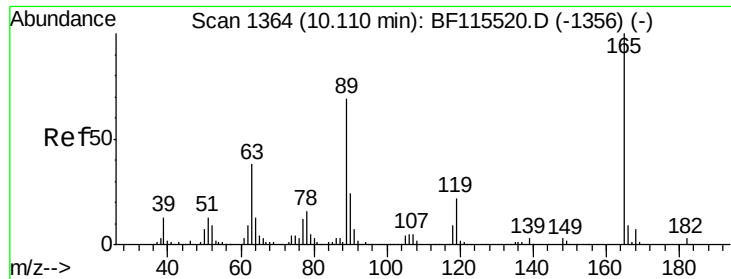
#56
4-Nitrophenol
Concen: 64.939 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt Ion:139 Resp: 413749
Ion Ratio Lower Upper
139 100
109 66.4 46.4 86.4
65 87.0 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

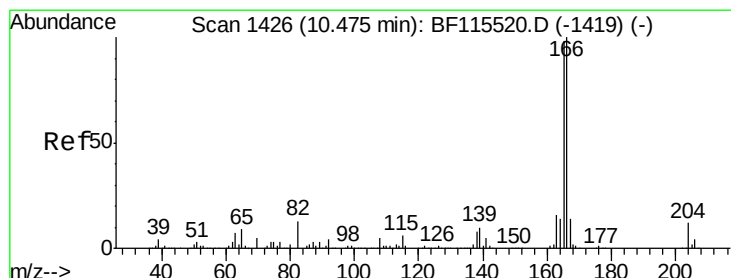
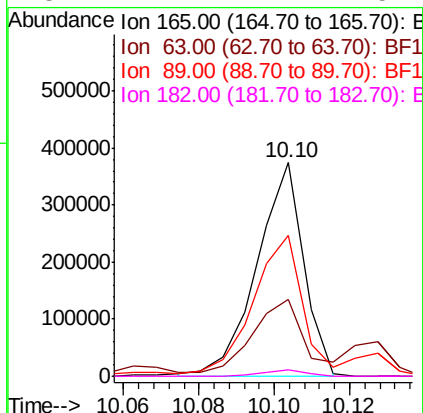
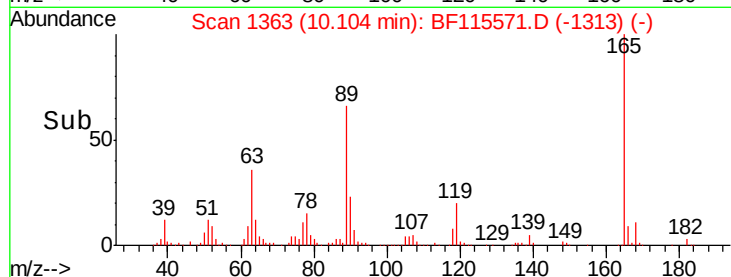
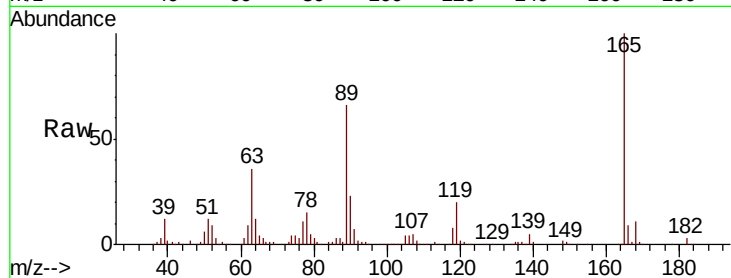




#57
2,4-Dinitrotoluene
Concen: 34.202 ng m
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

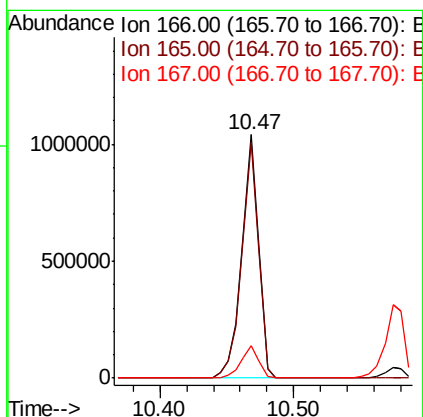
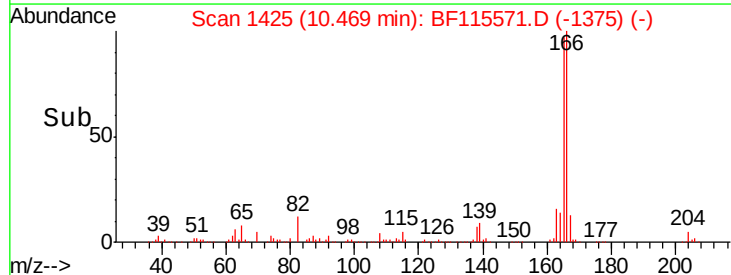
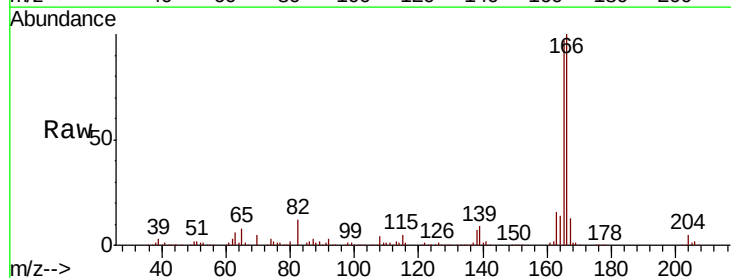
Instrument :
BNA_F
ClientSampled :
TP-1MS

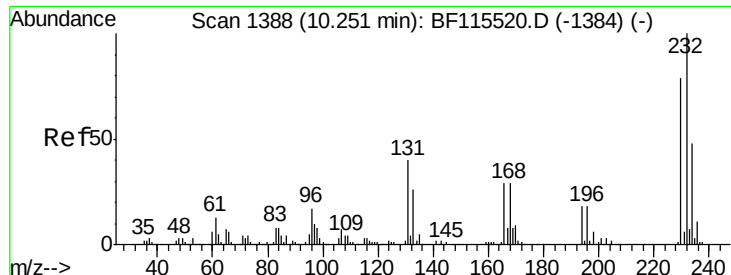
Tot Ion	Ratio	Lower	Upper
165	100		
63	36.0	34.9	52.3
89	65.7	57.5	86.3
182	2.7	2.2	3.4



#58
Fluorene
Concen: 34.182 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	79.8	119.6
167	13.4	11.2	16.8

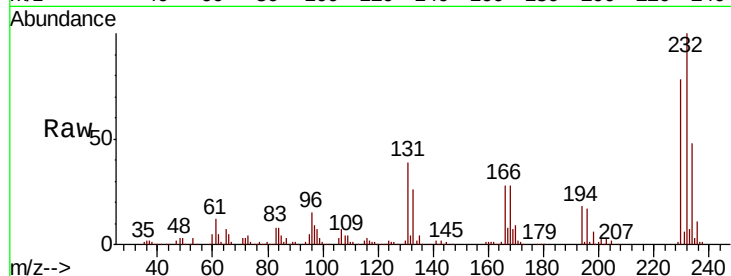




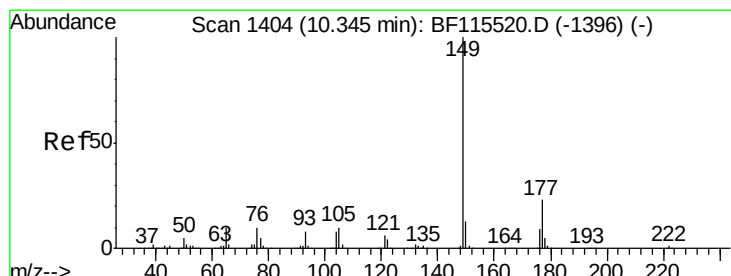
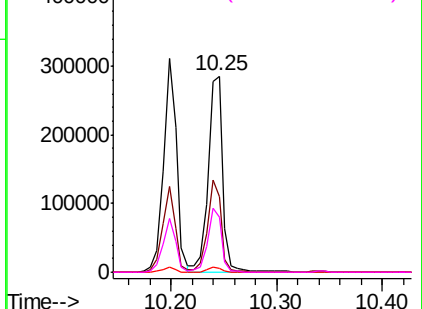
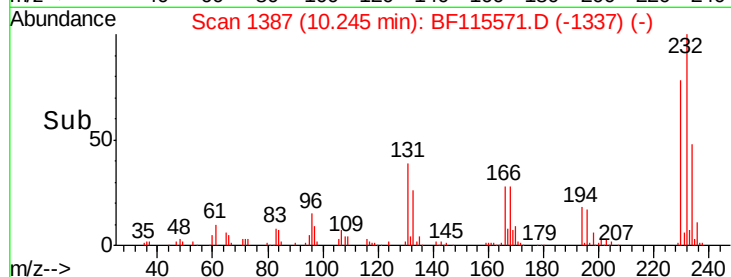
#59
2,3,4,6-Tetrachlorophenol
Concen: 34.472 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Instrument :
BNA_F
ClientSampled :
TP-1MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.7	35.9	53.9
130	2.2	1.8	2.6
166	31.0	24.8	37.2

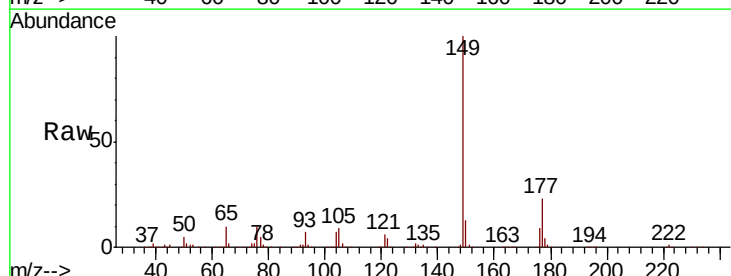


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

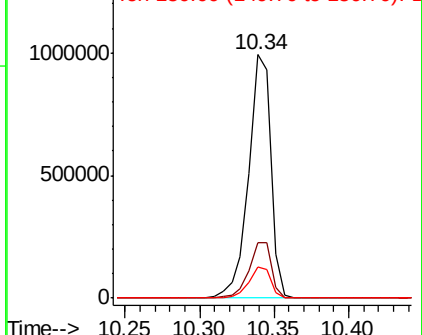
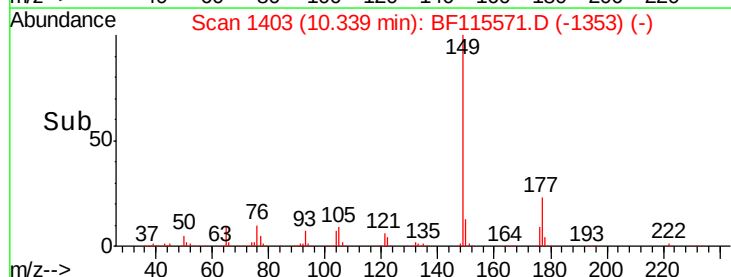


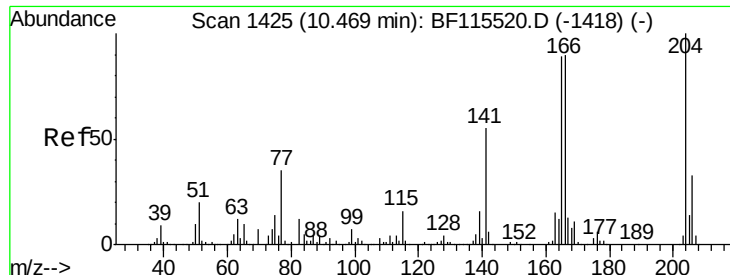
#60
Diethylphthalate
Concen: 33.798 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.5	29.3
150	12.8	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

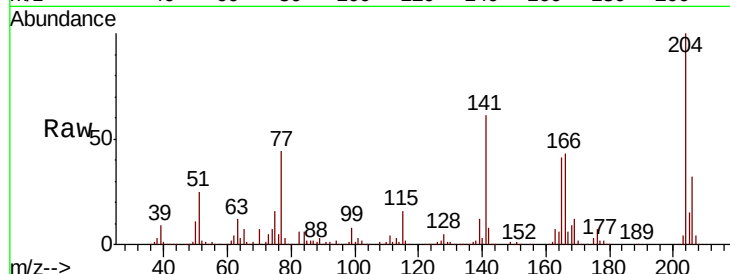




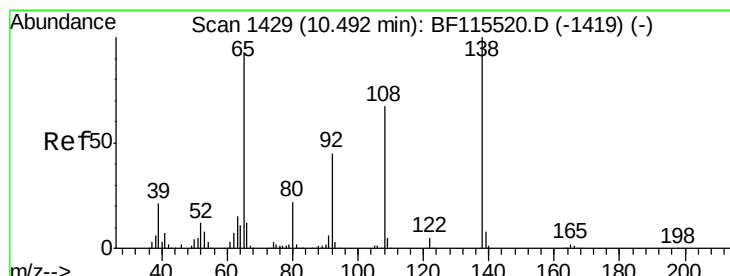
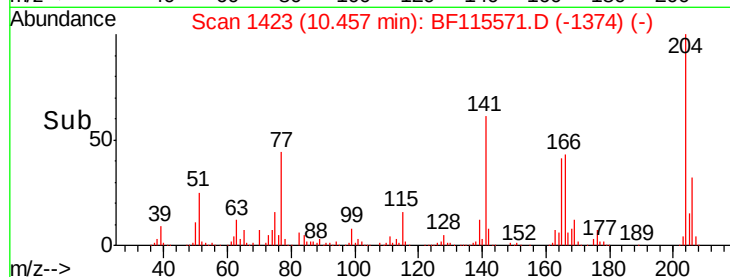
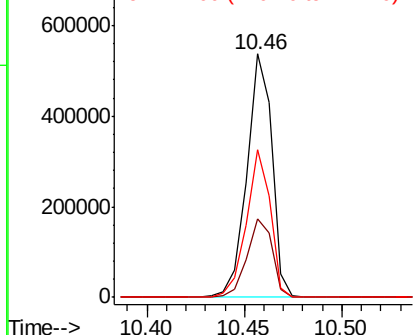
#61
4-Chlorophenyl-phenylether
Concen: 31.745 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion:204 Resp: 475935
Ion Ratio Lower Upper
204 100
206 32.2 26.7 40.1
141 60.7 44.2 66.2

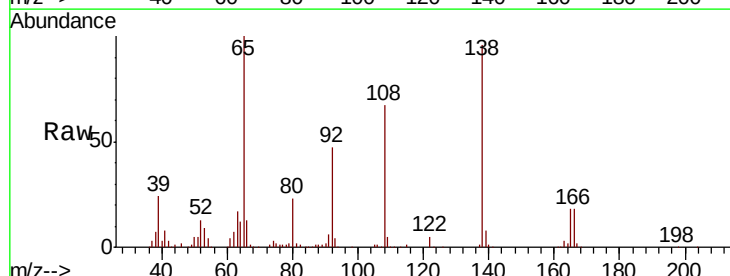


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

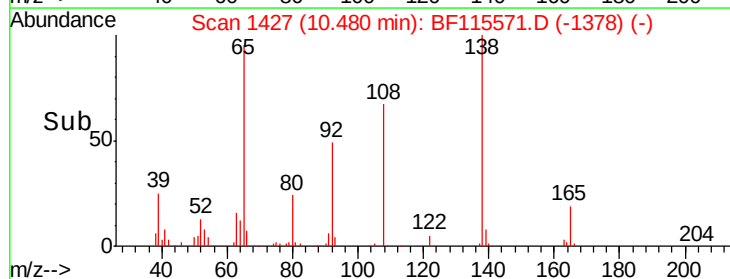
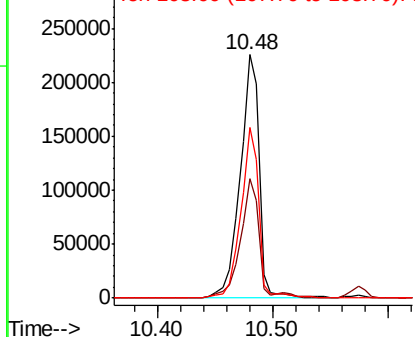


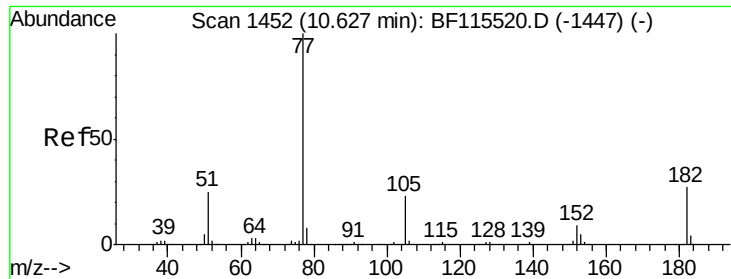
#62
4-Nitroaniline
Concen: 32.238 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt Ion:138 Resp: 258369
Ion Ratio Lower Upper
138 100
92 48.9 27.1 67.1
108 70.2 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

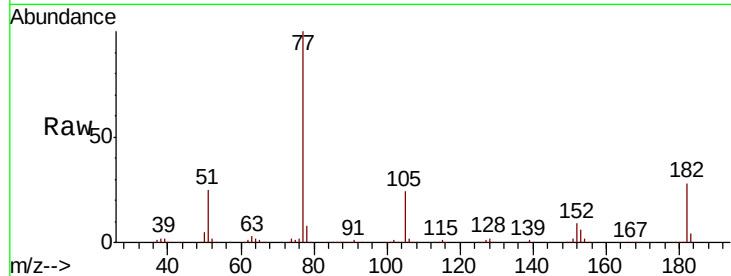




#63
Azobenzene
Concen: 33.848 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.2	6.9	46.9	
105	23.7	3.9	43.9	
51	24.9	7.3	47.3	



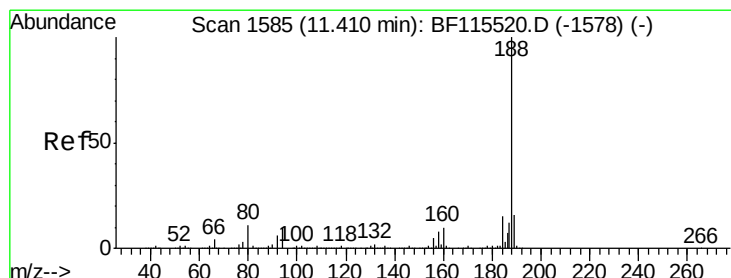
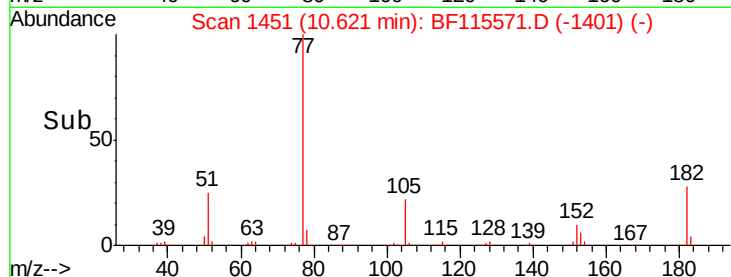
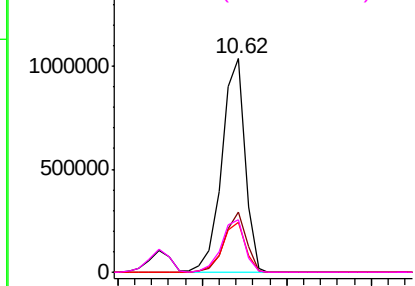
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

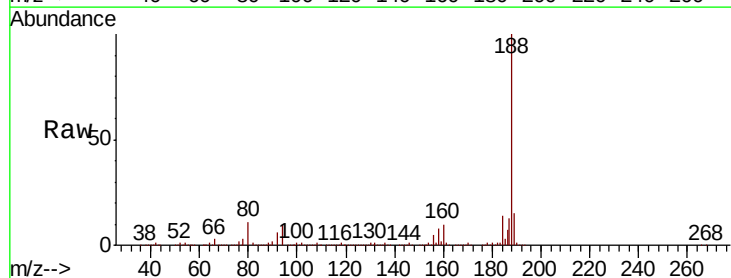
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.7	7.8	11.6	
80	10.9	8.6	13.0	

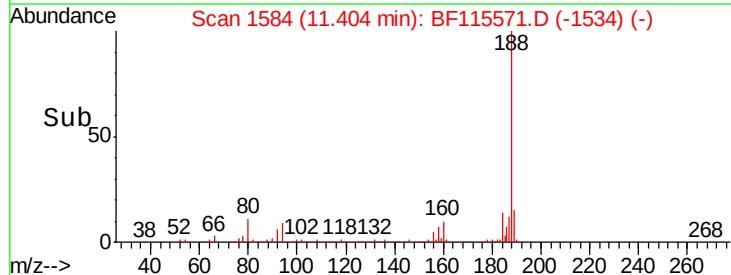
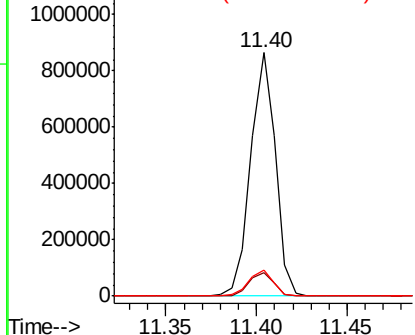


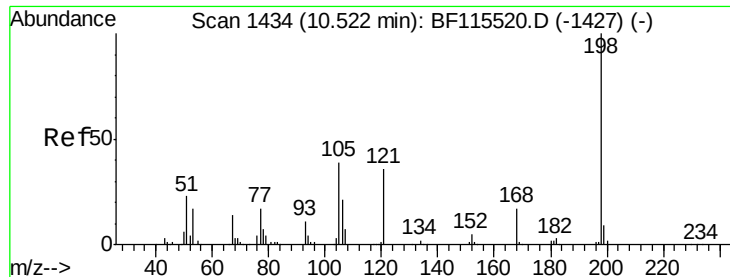
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

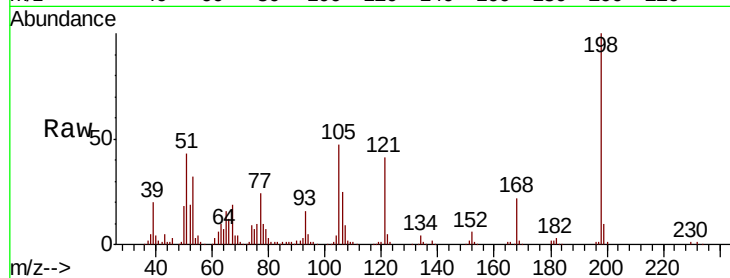




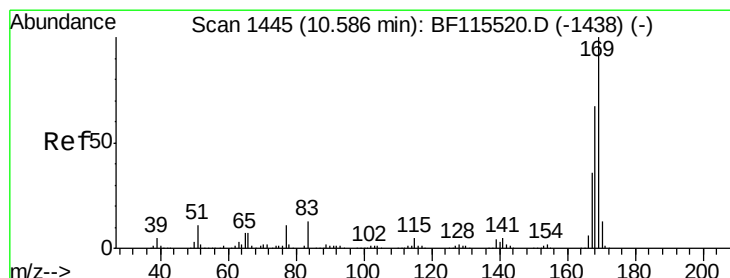
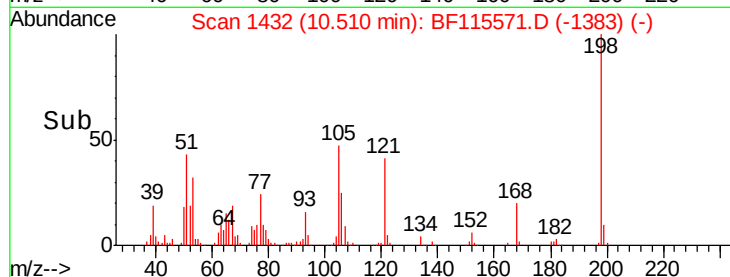
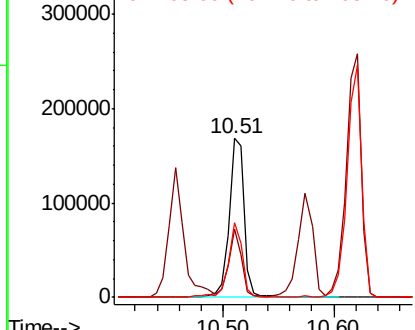
#65
 4,6-Dinitro-2-methylphenol
 Concen: 32.155 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tot Ion:198 Resp: 161728
 Ion Ratio Lower Upper
 198 100
 51 42.8 19.1 59.1
 105 46.8 23.6 63.6

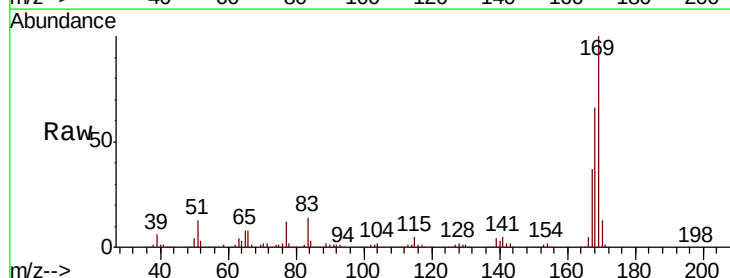


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

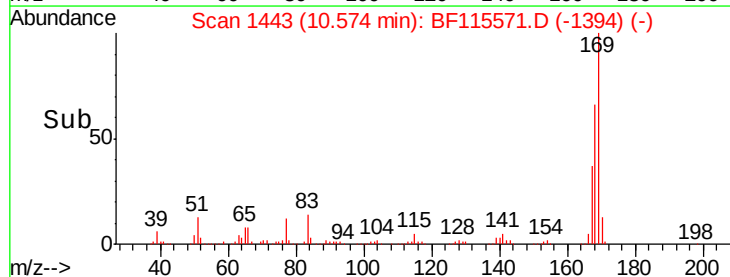
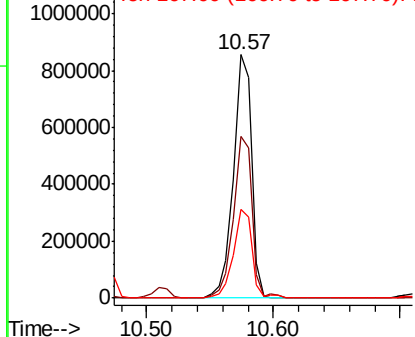


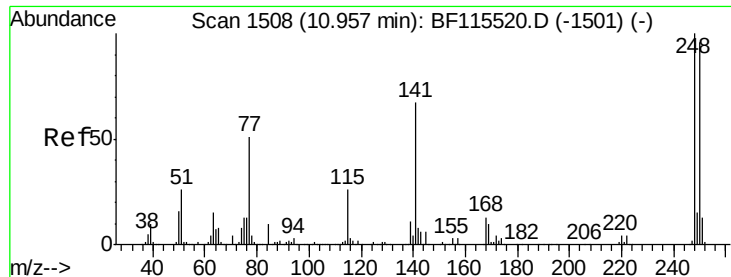
#66
 n-Nitrosodiphenylamine
 Concen: 32.777 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

Tgt Ion:169 Resp: 839329
 Ion Ratio Lower Upper
 169 100
 168 66.4 54.3 81.5
 167 36.5 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

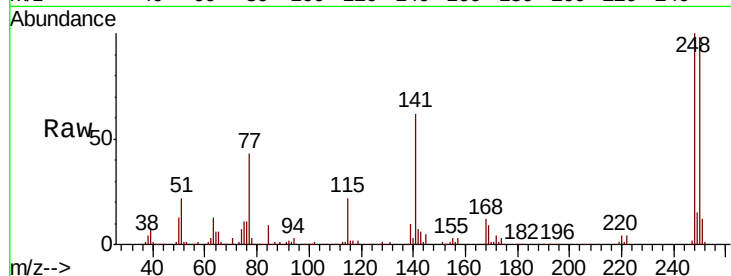




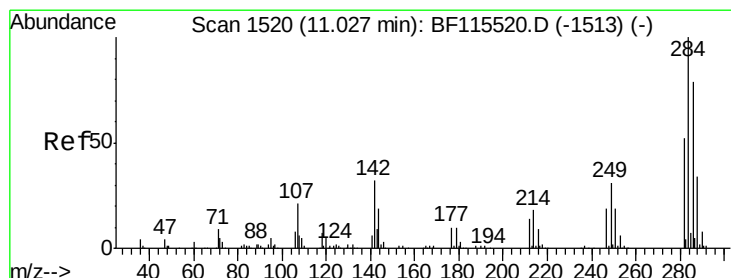
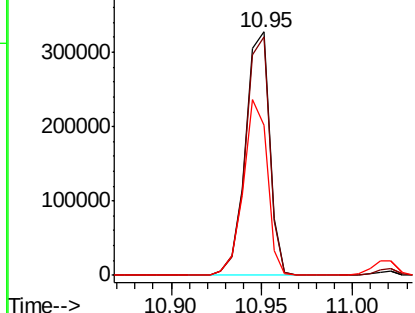
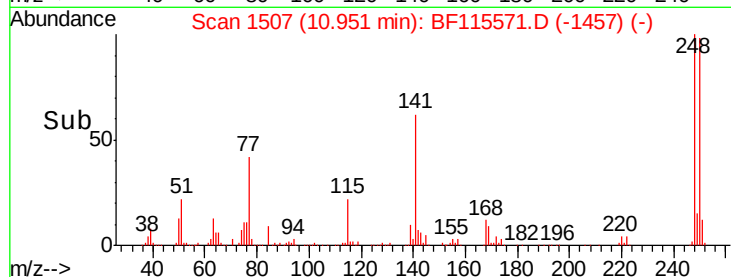
#67
 4-Bromophenyl-phenylether
 Concen: 32.419 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tot Ion:248 Resp: 304980
 Ion Ratio Lower Upper
 248 100
 250 97.8 78.0 117.0
 141 61.9 57.7 86.5

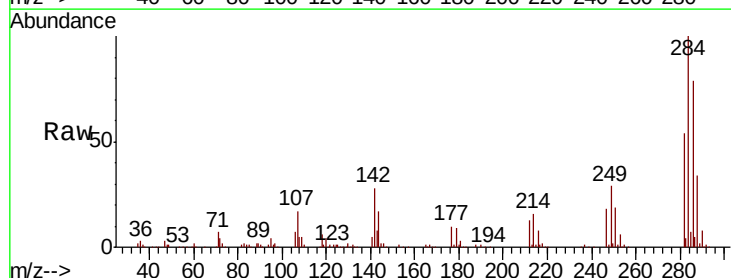


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

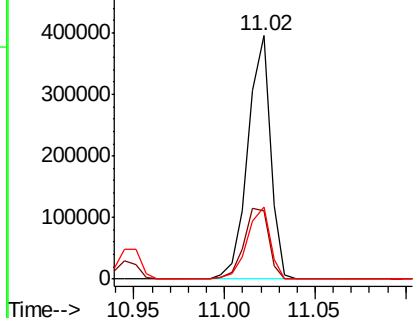
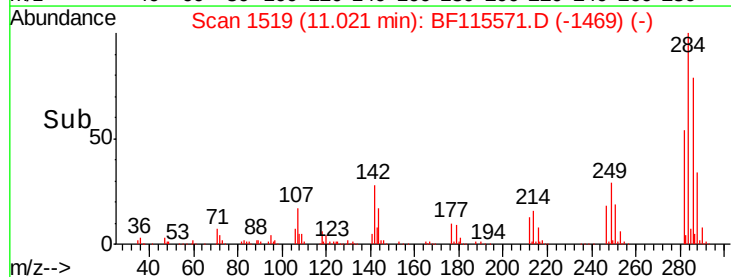


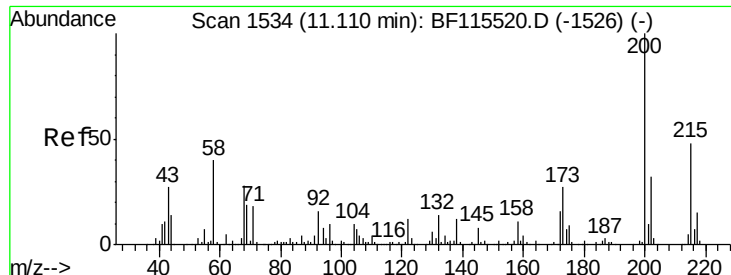
#68
 Hexachlorobenzene
 Concen: 31.945 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

Tgt Ion:284 Resp: 343195
 Ion Ratio Lower Upper
 284 100
 142 28.3 22.2 33.2
 249 29.4 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

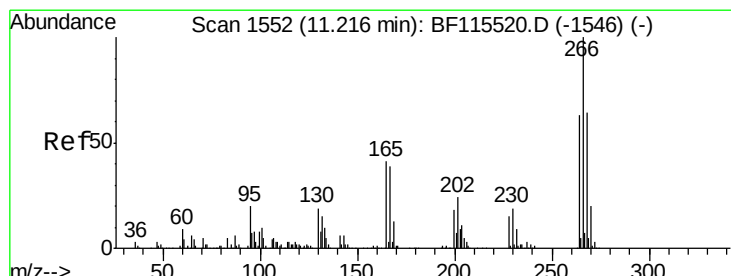
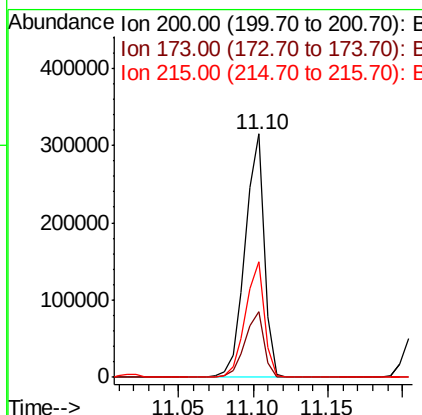
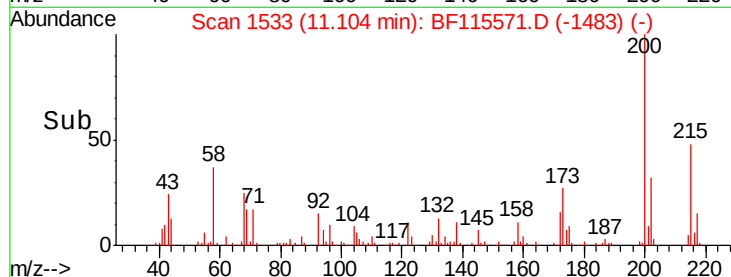
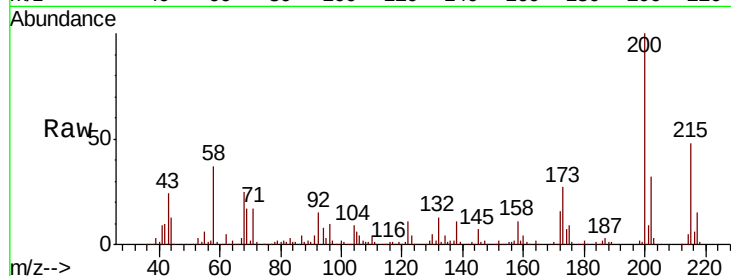




#69
Atrazine
Concen: 33.432 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

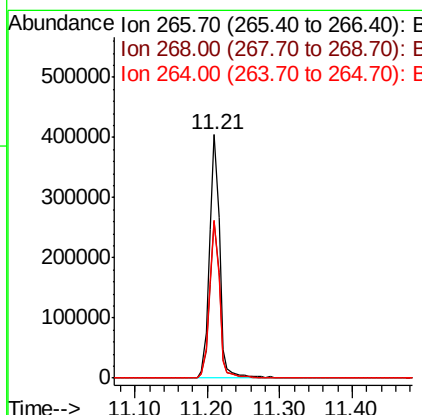
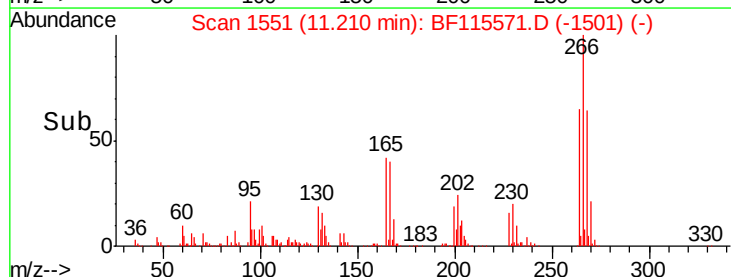
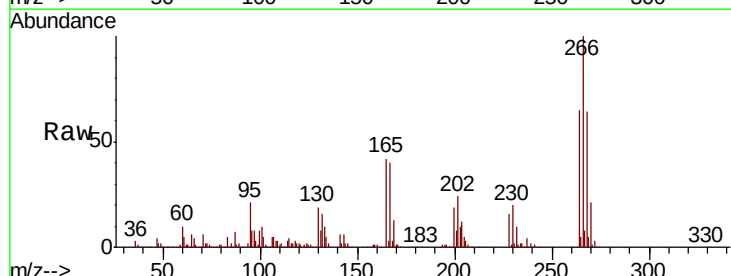
Instrument :
BNA_F
ClientSampleId :
TP-1MS

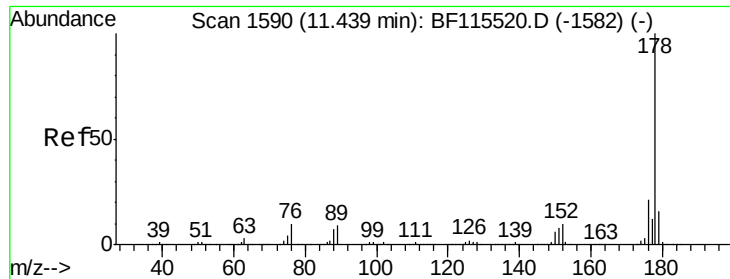
Tot Ion:200 Resp: 280847
Ion Ratio Lower Upper
200 100
173 26.9 6.9 46.9
215 47.7 27.9 67.9



#70
Pentachlorophenol
Concen: 60.441 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt Ion:266 Resp: 397148
Ion Ratio Lower Upper
266 100
268 64.3 51.6 77.4
264 65.0 50.6 76.0

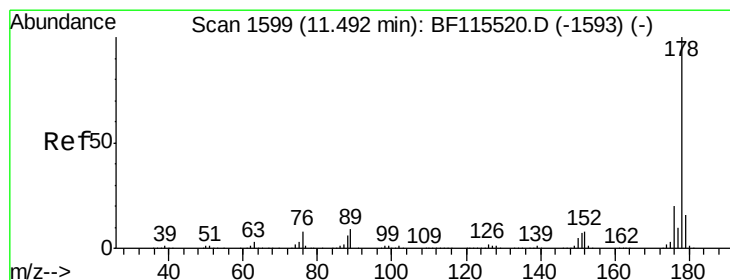
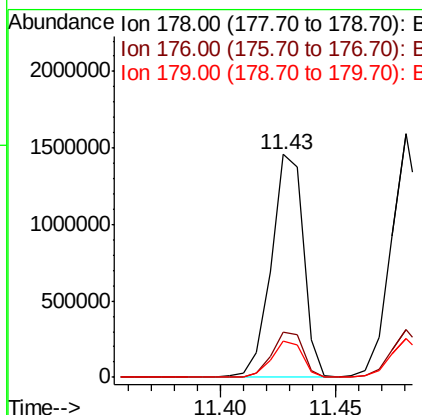
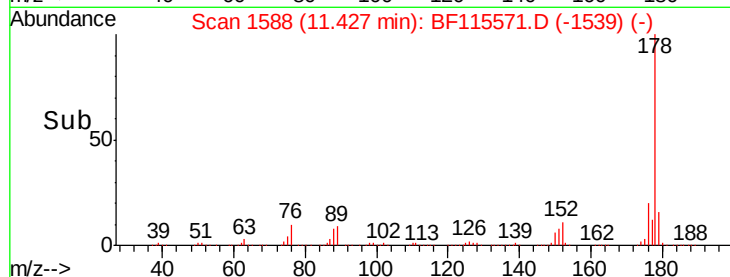
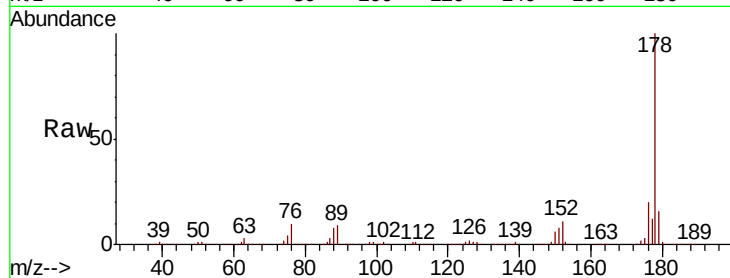




#71
Phenanthrene
Concen: 33.327 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

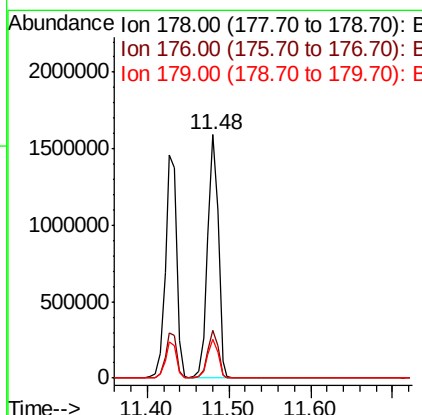
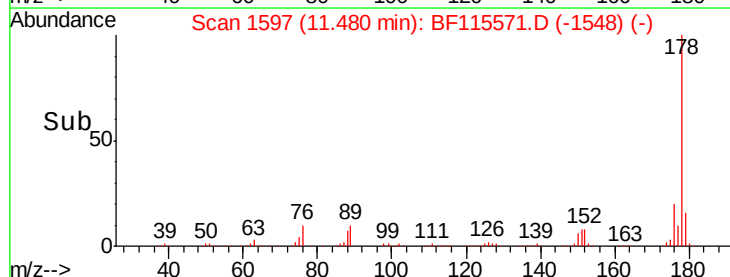
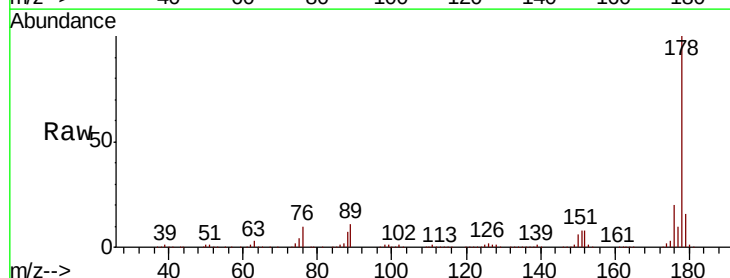
Instrument :
BNA_F
ClientSampleId :
TP-1MS

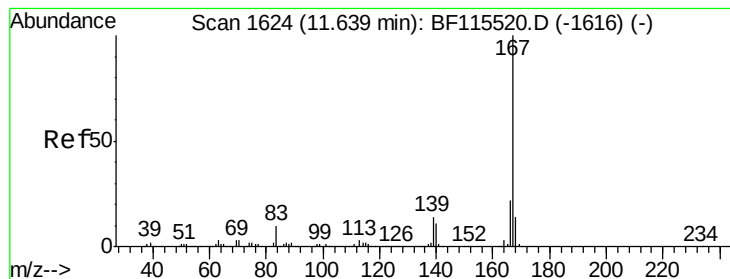
Tot Ion:178 Resp: 1406307
Ion Ratio Lower Upper
178 100
176 20.1 17.2 25.8
179 16.2 13.5 20.3



#72
Anthracene
Concen: 33.082 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt Ion:178 Resp: 1442692
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 16.0 12.7 19.1





#73

Carbazole

Concen: 33.401 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

Instrument :

BNA_F

ClientSampleId :

TP-1MS

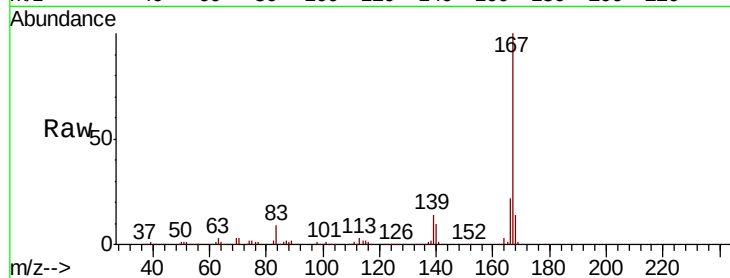
Tot Ion:167 Resp: 1277349

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

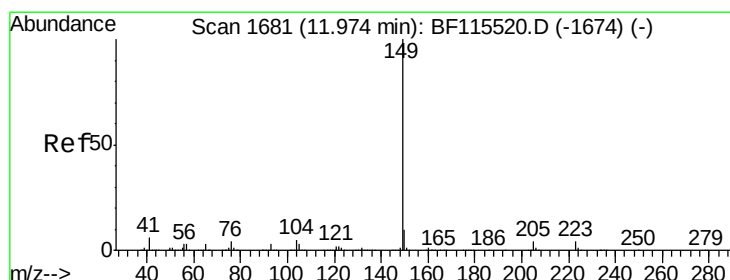
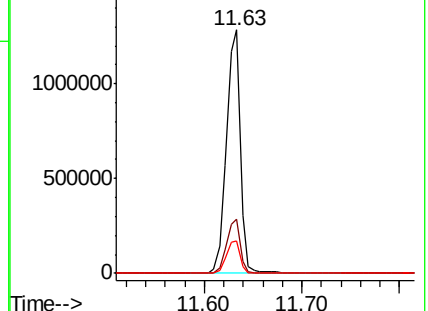
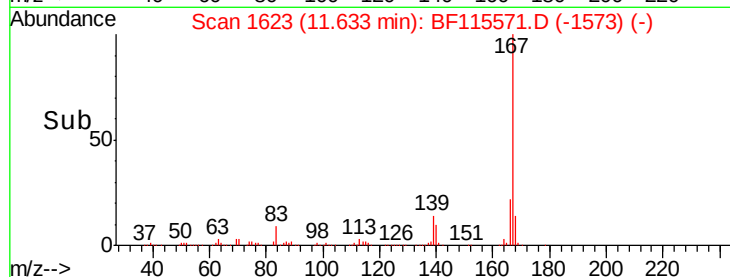
139 13.6 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 32.286 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

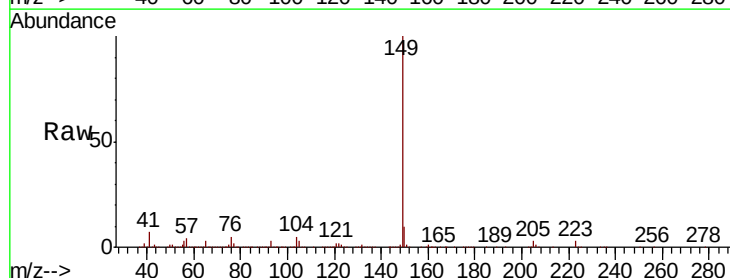
Tgt Ion:149 Resp: 1520848

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

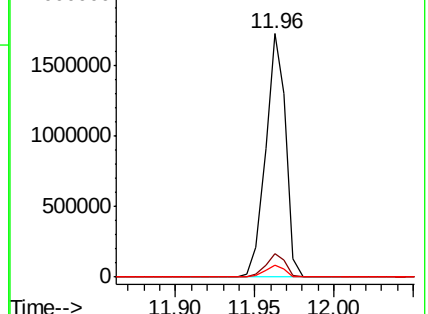
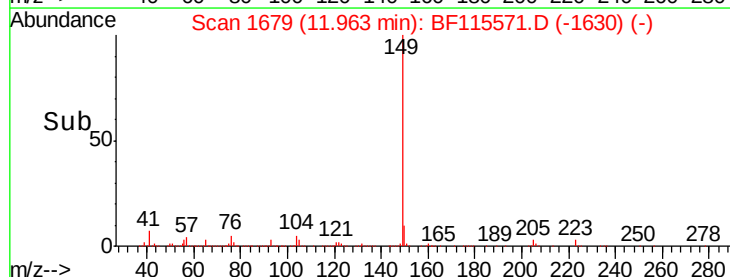
104 5.1 3.8 5.8

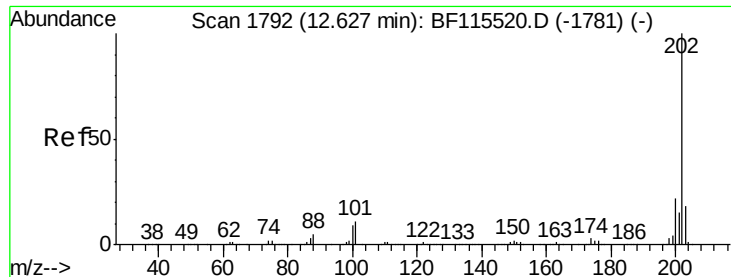


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

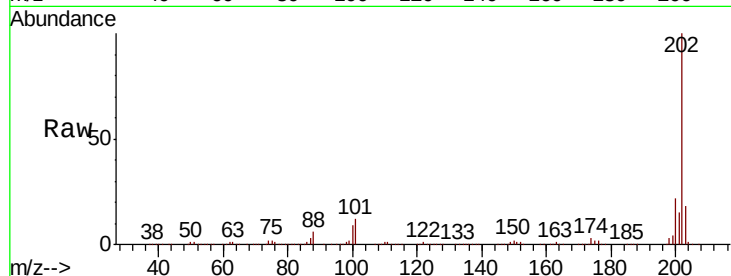




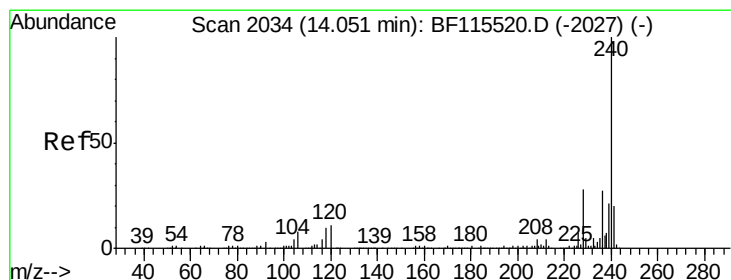
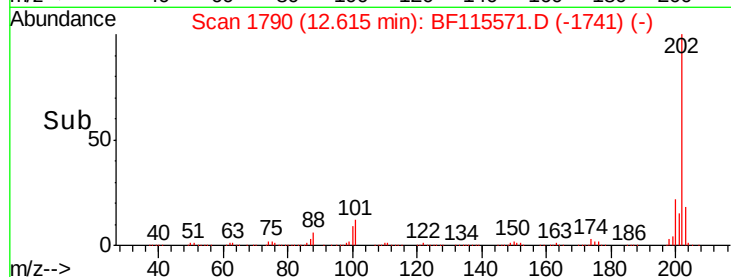
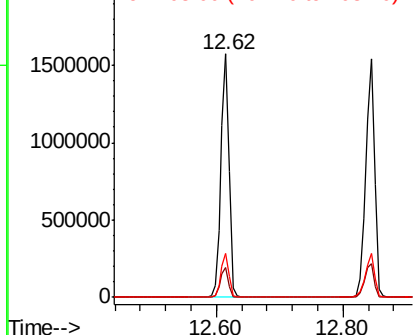
#75
 Fluoranthene
 Concen: 32.676 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tot Ion:202 Resp: 1457080
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 31.4
 203 18.1 0.0 38.1

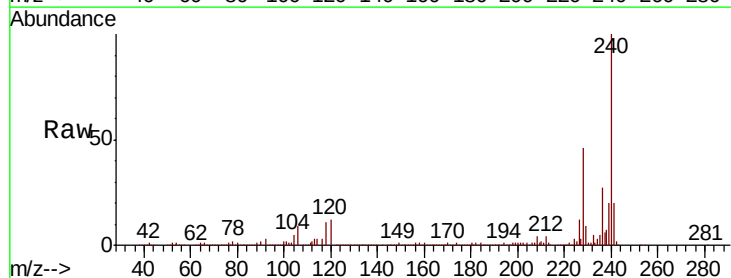


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

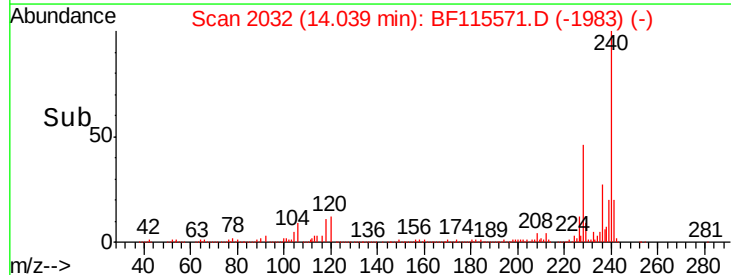
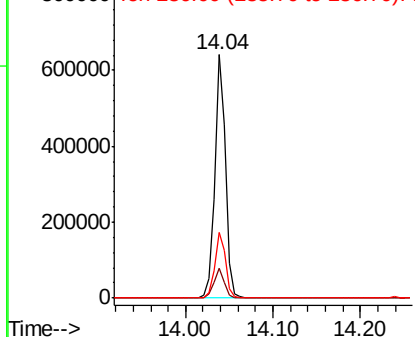


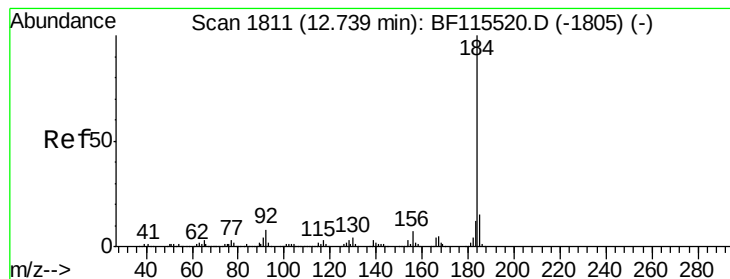
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

Tgt Ion:240 Resp: 544579
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.6 13.0
 236 27.0 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: 0.105 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

Instrument :

BNA_F

ClientSampleId :

TP-1MS

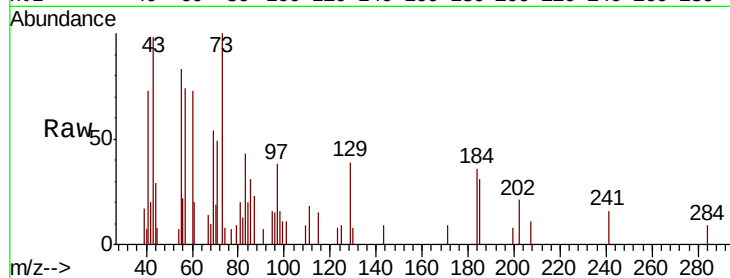
Tot Ion:184 Resp: 2026

Ion Ratio Lower Upper

184 100

185 86.9 12.0 18.0#

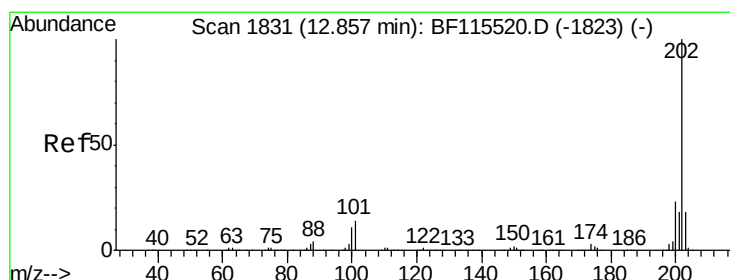
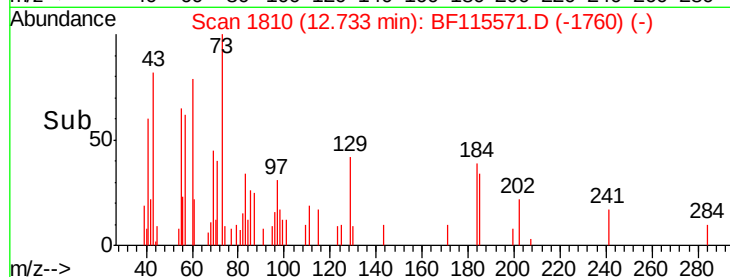
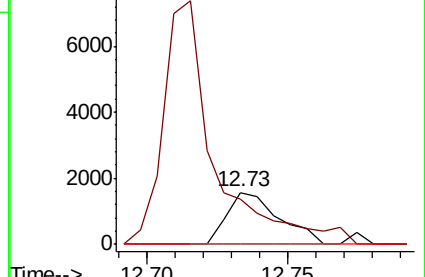
183 0.0 9.3 13.9#



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: 31.703 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

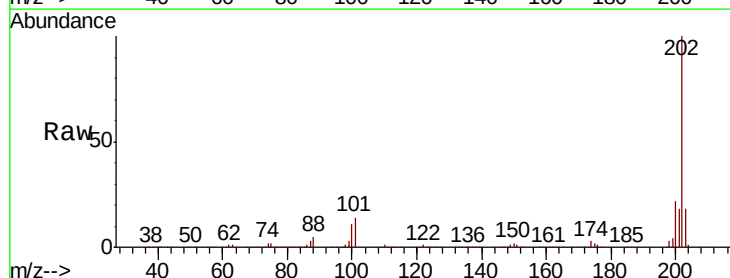
Tgt Ion:202 Resp: 1462723

Ion Ratio Lower Upper

202 100

200 22.3 18.7 28.1

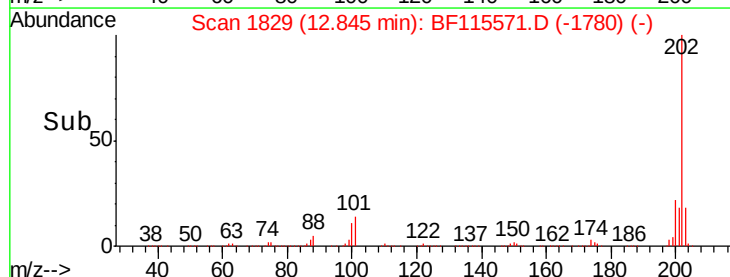
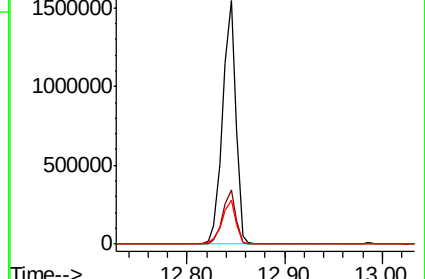
203 18.3 15.2 22.8

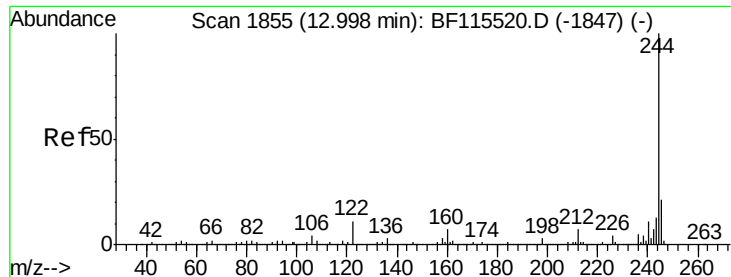


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

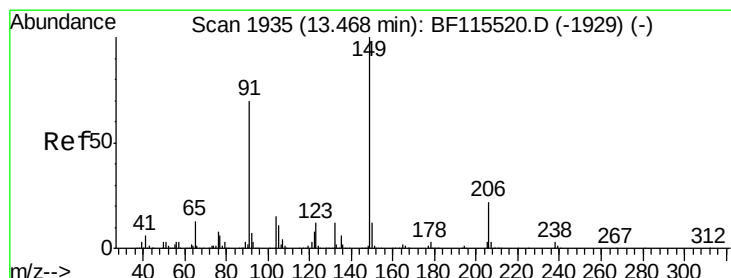
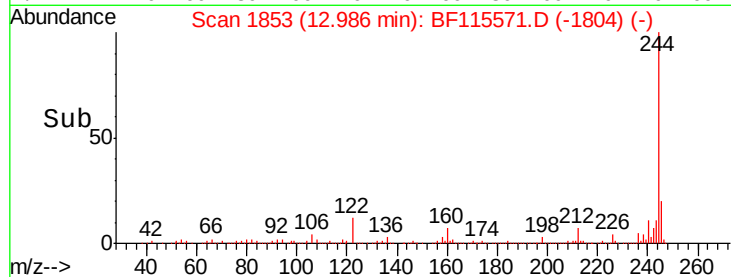
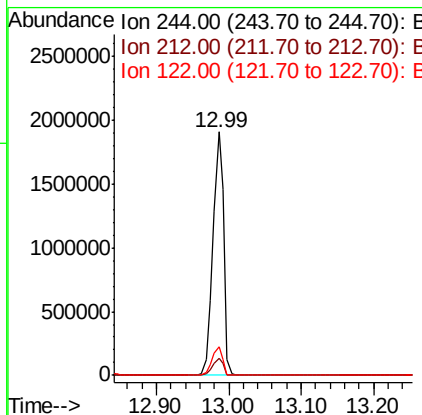
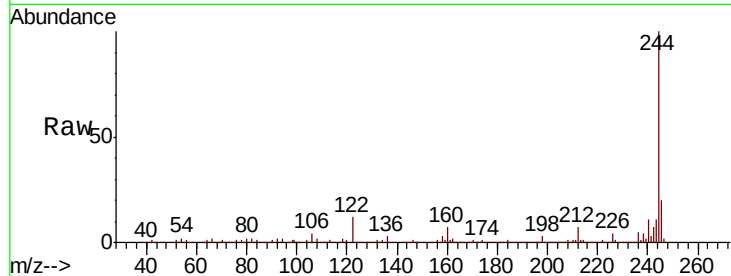




#79
 Terphenyl-d14
 Concen: 66.579 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

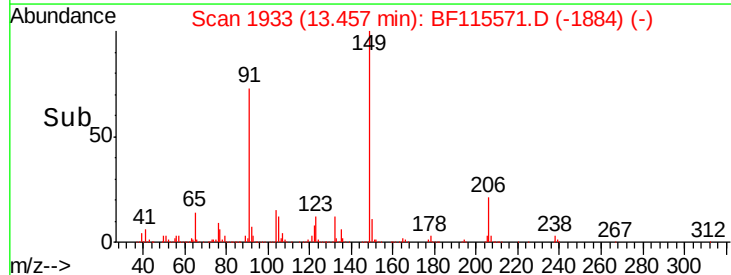
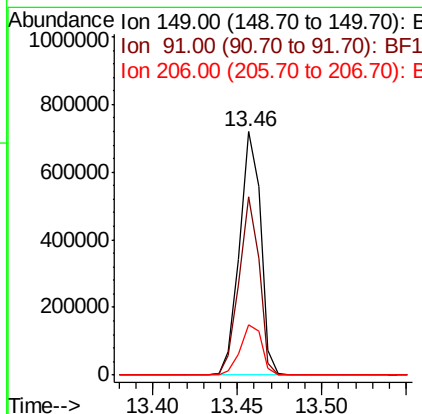
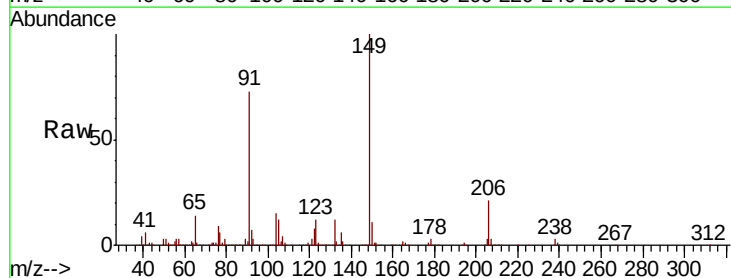
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

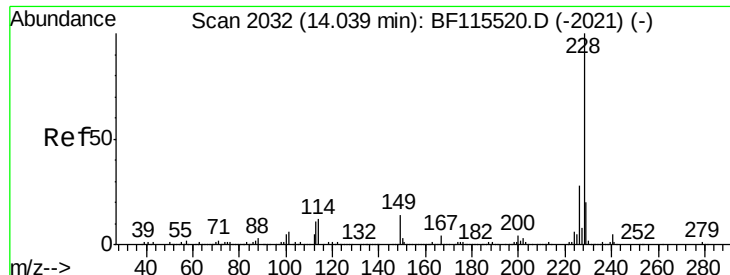
Tot Ion:244 Resp: 1964994
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.7 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 31.806 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

Tgt Ion:149 Resp: 625584
 Ion Ratio Lower Upper
 149 100
 91 73.5 55.8 83.8
 206 20.7 18.2 27.2

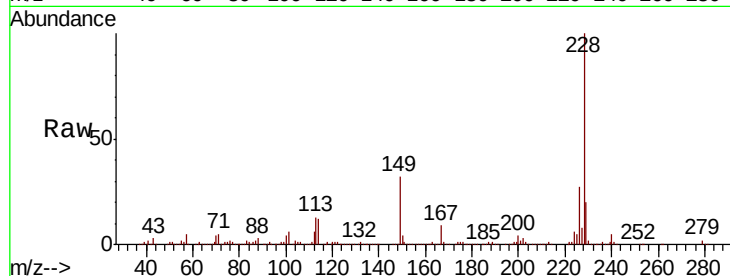




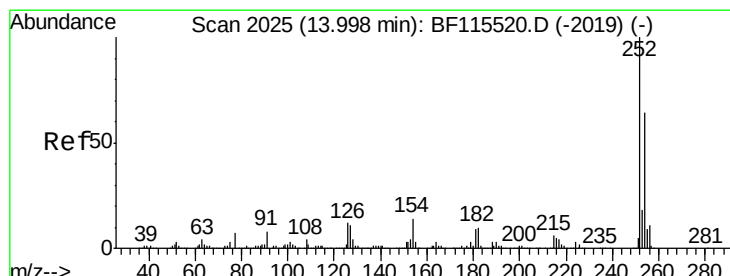
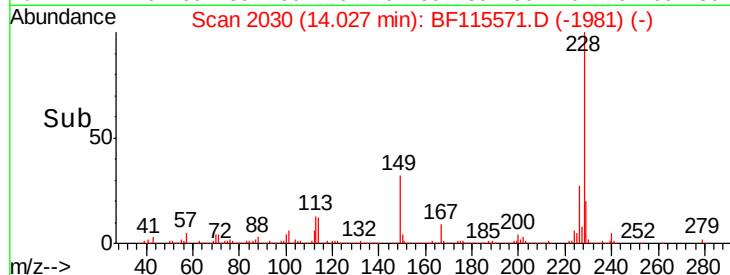
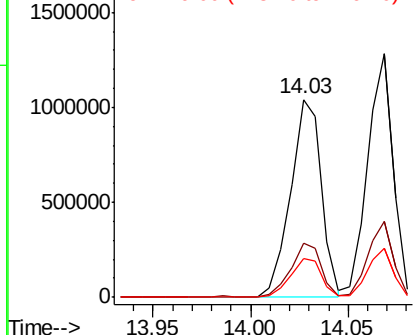
#81
Benzo(a)anthracene
Concen: 31.671 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion:228 Resp: 1136254
Ion Ratio Lower Upper
228 100
226 27.3 23.4 35.0
229 19.8 17.2 25.8

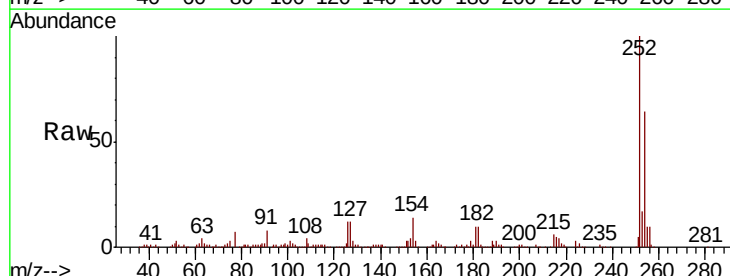


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

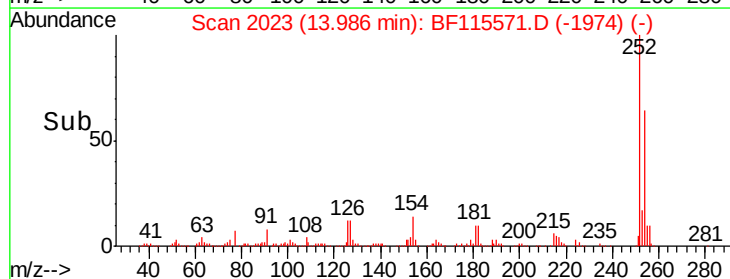
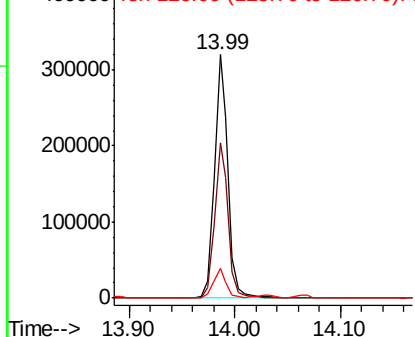


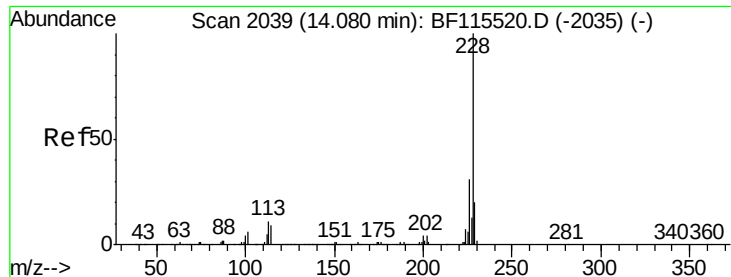
#82
3,3'-Dichlorobenzidine
Concen: 22.871 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt Ion:252 Resp: 291696
Ion Ratio Lower Upper
252 100
254 63.6 52.9 79.3
126 12.3 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: 32.551 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

Instrument :

BNA_F

ClientSampleId :

TP-1MS

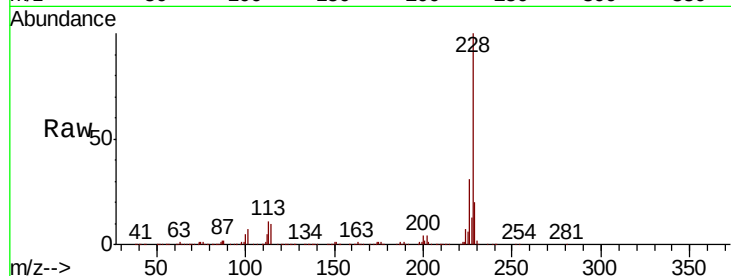
Tot Ion:228 Resp: 1172338

Ion Ratio Lower Upper

228 100

226 31.0 25.7 38.5

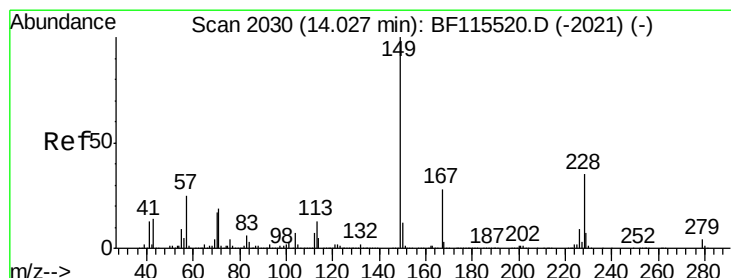
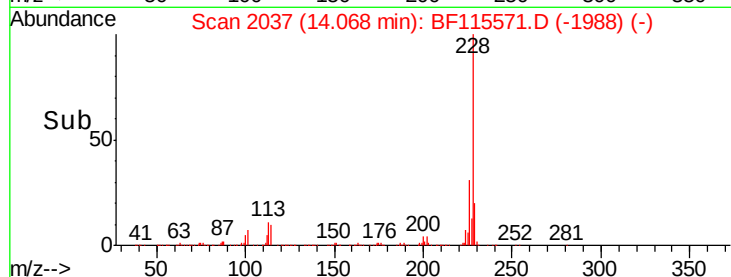
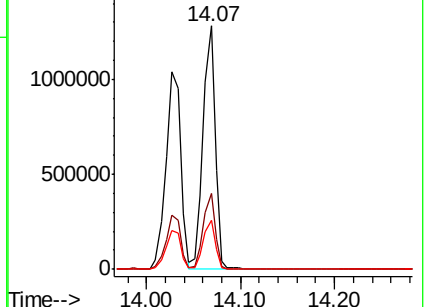
229 20.3 16.6 25.0



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: 32.232 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

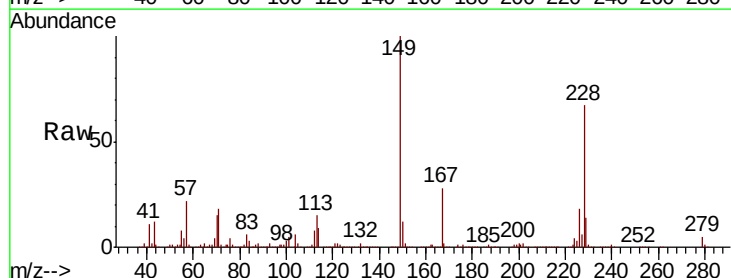
Tgt Ion:149 Resp: 785264

Ion Ratio Lower Upper

149 100

167 28.1 23.0 34.4

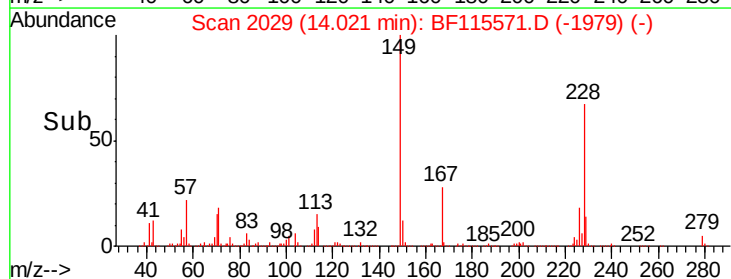
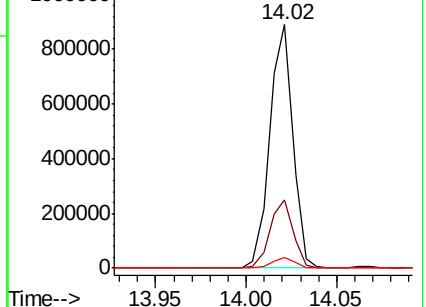
279 4.6 4.2 6.2

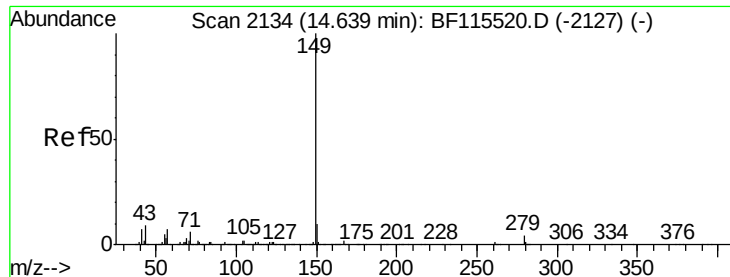


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 34.312 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

Instrument :

BNA_F

ClientSampleId :

TP-1MS

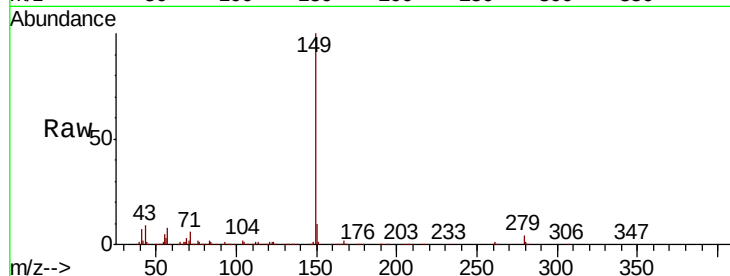
Tot Ion:149 Resp: 1330090

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

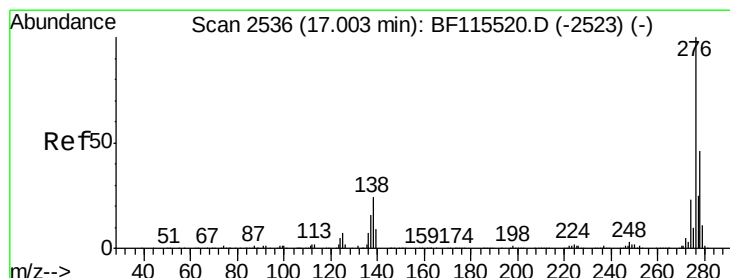
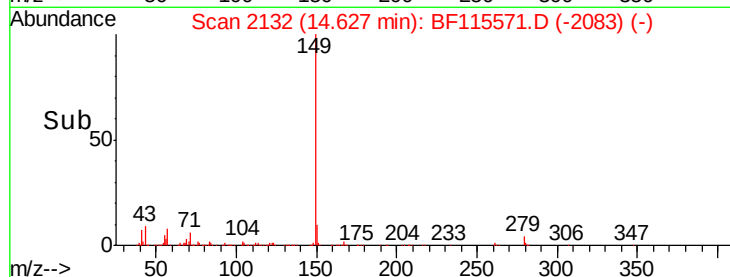
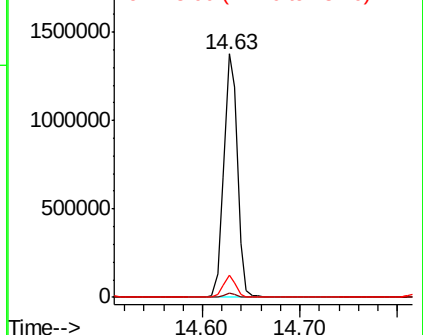
43 8.2 7.2 10.8



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: 31.965 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

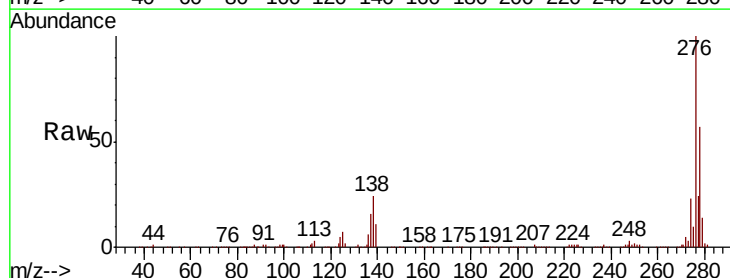
Tgt Ion:276 Resp: 978065

Ion Ratio Lower Upper

276 100

138 25.9 20.2 30.2

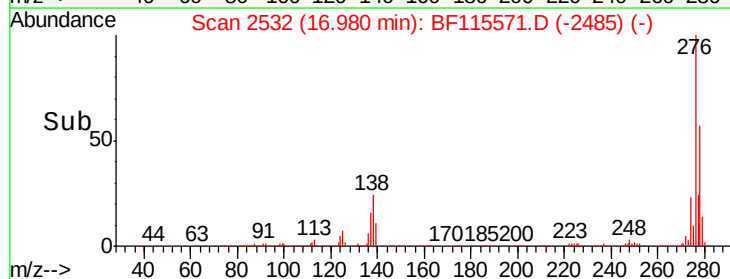
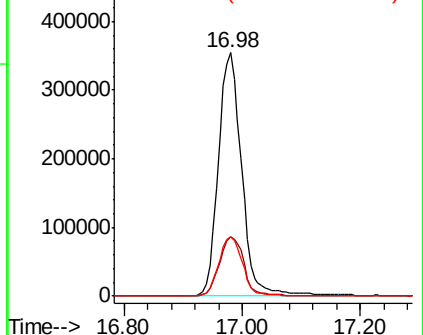
277 25.1 20.4 30.6

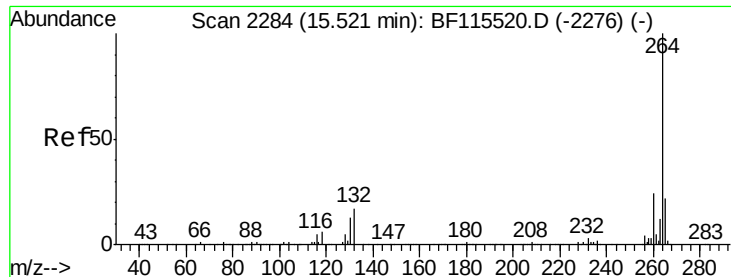


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



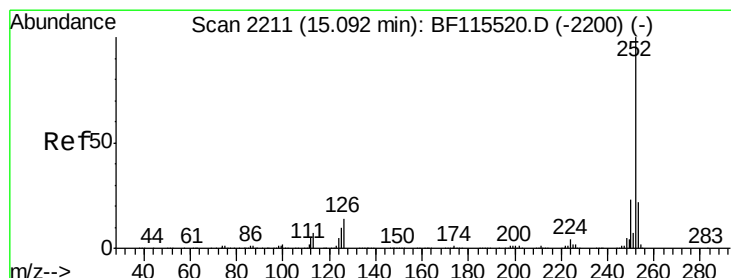
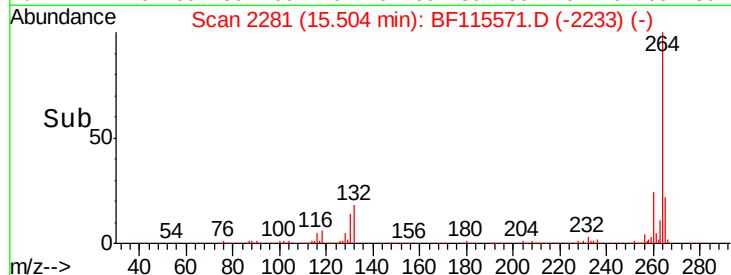
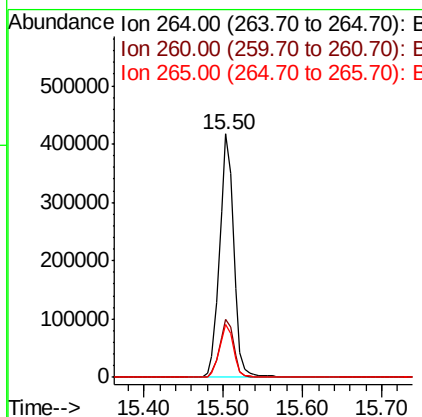
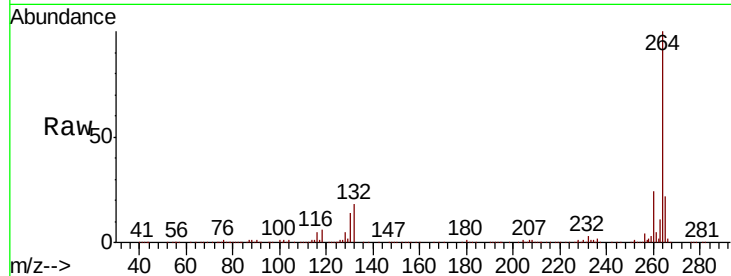


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Instrument :
BNA_F
ClientSampled :
TP-1MS

Tot Ion:264 Resp: 518065

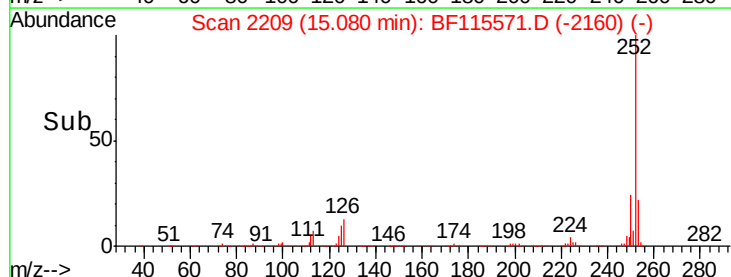
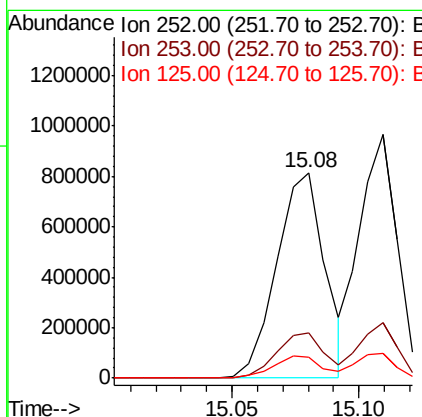
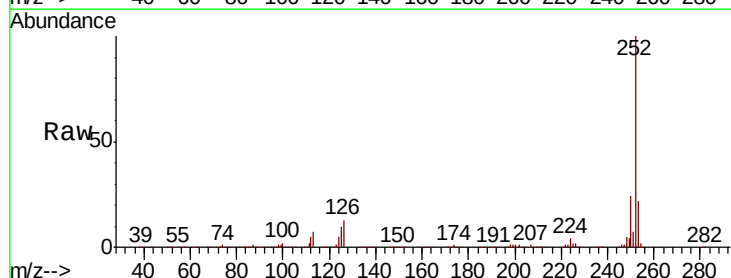
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.8
265	21.6	17.7	26.5

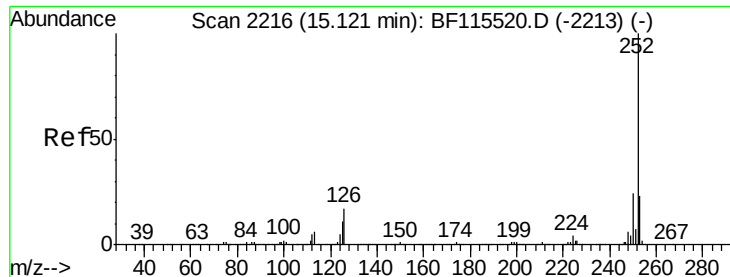


#88
Benzo(b)fluoranthene
Concen: 32.363 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt Ion:252 Resp: 1079590

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	10.1	9.0	13.4

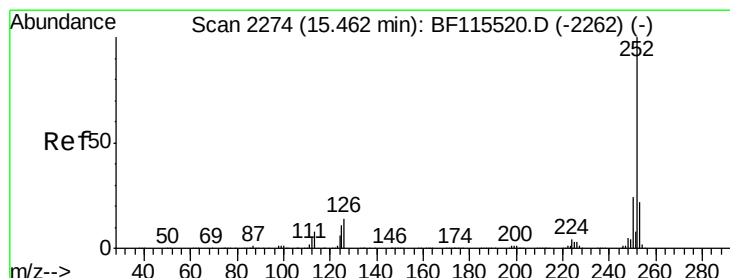
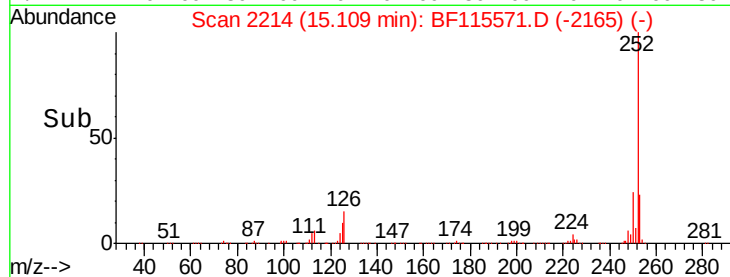
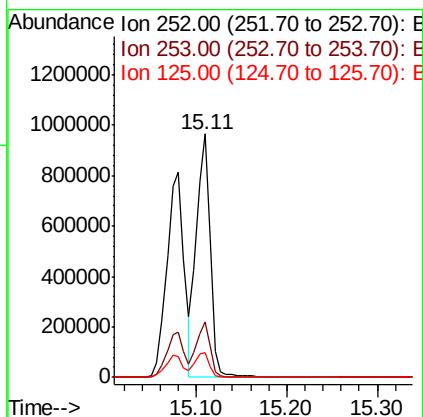
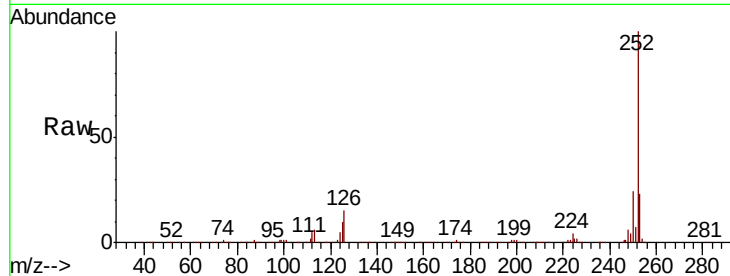




#89
Benzo(k)fluoranthene
Concen: 34.515 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

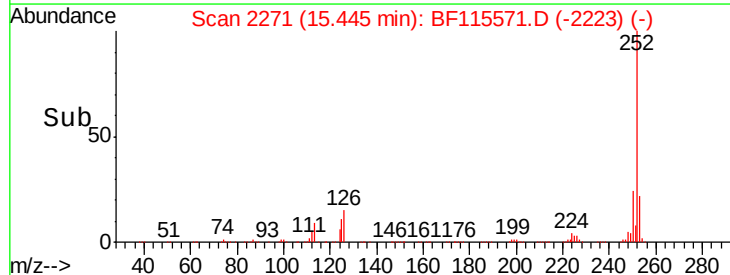
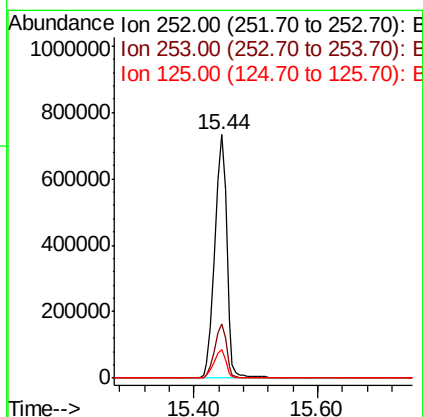
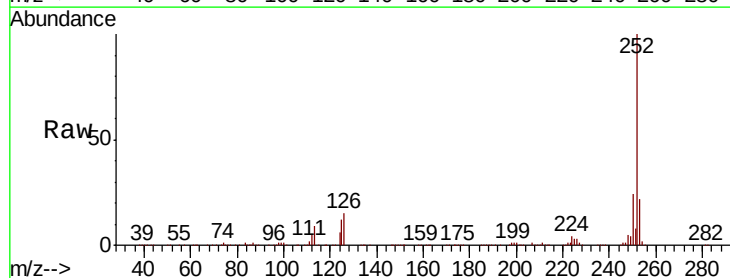
Instrument :
BNA_F
ClientSampleId :
TP-1MS

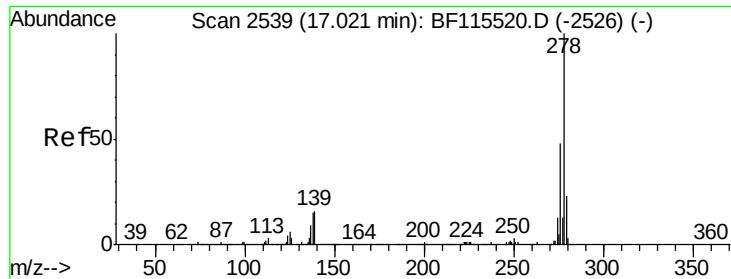
Tot Ion:252 Resp: 1026544
Ion Ratio Lower Upper
252 100
253 22.6 18.6 28.0
125 10.1 9.0 13.6



#90
Benzo(a)pyrene
Concen: 33.749 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt Ion:252 Resp: 967641
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 11.6 9.1 13.7

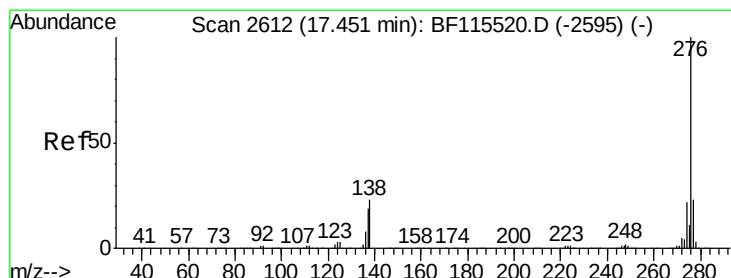
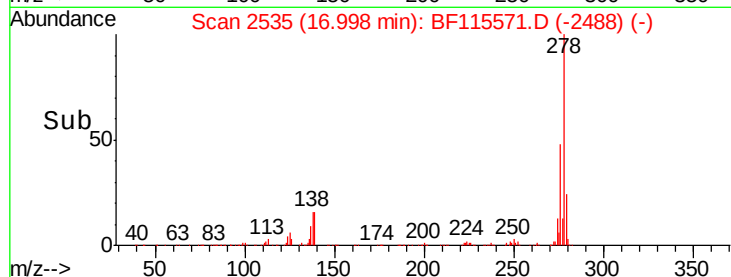
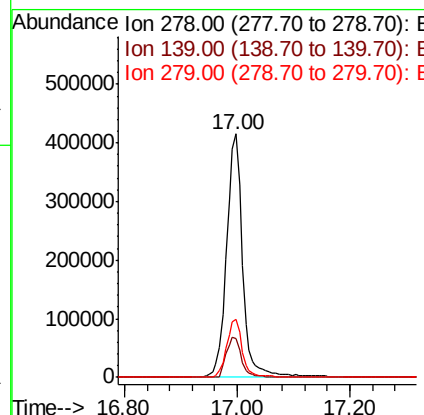
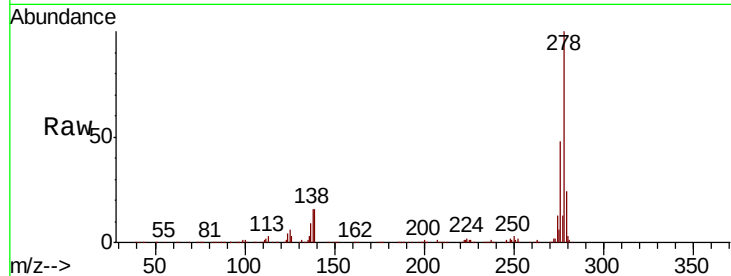




#91
Dibenzo(a,h)anthracene
Concen: 32.751 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Instrument :
BNA_F
ClientSampled :
TP-1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.1	19.7
279	24.0	19.6	29.4



#92
Benzo(g,h,i)perylene
Concen: 30.367 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.03 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	21.8	17.2	25.8

