

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 :

Quant Time: Jul 16 01:44:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 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
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	59235	15.027	ng	95
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
41) Hexachlorocyclopentadiene	9.04	237	471883	64.240	ng	99

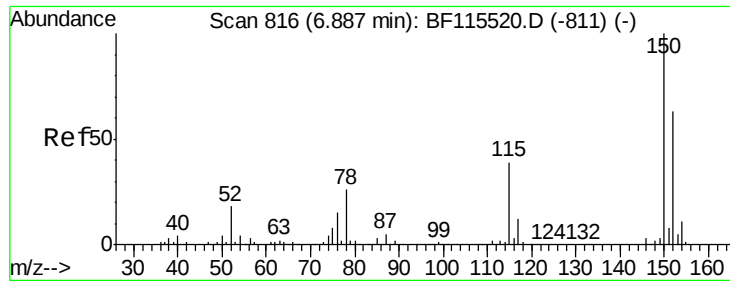
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115571.D
 Acq On : 15 Jul 2019 21:53
 Operator : HP/JU
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Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 01:44:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.15	196	313387	33.279	nq	98
44) 2,4,5-Trichlorophenol	9.19	196	324922	33.692	nq	99
46) 1,1'-Biphenyl	9.34	154	1153959	34.518	nq	98
47) 2-Chloronaphthalene	9.37	162	920006	33.050	nq	96
48) 2-Nitroaniline	9.46	65	277219	32.176	nq	97
49) Acenaphthylene	9.78	152	1383078	33.532	nq	98
50) Dimethylphthalate	9.65	163	1466873	45.593	nq	99
51) 2,6-Dinitrotoluene	9.70	165	249993	34.192	nq	100
52) Acenaphthene	9.96	154	923427	34.677	nq	100
53) 3-Nitroaniline	9.86	138	186886	22.367	nq	97
54) 2,4-Dinitrophenol	9.97	184	165673	44.134	nq	# 89
55) Dibenzofuran	10.13	168	1246192	32.953	nq	99
56) 4-Nitrophenol	10.03	139	413749	64.939	nq	99
57) 2,4-Dinitrotoluene	10.10	165	328435	34.673	nq	91
58) Fluorene	10.47	166	924108	34.182	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	277912	34.472	nq	99
60) Diethylphthalate	10.34	149	1018837	33.798	nq	98
61) 4-Chlorophenyl-phenylether	10.46	204	475935	31.745	nq	95
62) 4-Nitroaniline	10.48	138	258369	32.238	nq	97
63) Azobenzene	10.62	77	989688	33.848	nq	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	161728	32.155	nq	94
66) n-Nitrosodiphenylamine	10.57	169	839329	32.777	nq	98
67) 4-Bromophenyl-phenylether	10.95	248	304980	32.419	nq	95
68) Hexachlorobenzene	11.02	284	343195	31.945	nq	99
69) Atrazine	11.10	200	280847	33.432	nq	100
70) Pentachlorophenol	11.21	266	397148	60.441	nq	99
71) Phenanthrene	11.43	178	1406307	33.327	nq	98
72) Anthracene	11.48	178	1442692	33.082	nq	100
73) Carbazole	11.63	167	1277349	33.401	nq	99
74) Di-n-butylphthalate	11.96	149	1520848	32.286	nq	99
75) Fluoranthene	12.62	202	1457080	32.676	nq	99
78) Pyrene	12.84	202	1462723	31.703	nq	98
80) Butylbenzylphthalate	13.46	149	625584	31.806	nq	96
81) Benzo(a)anthracene	14.03	228	1136254	31.671	nq	96
82) 3,3'-Dichlorobenzidine	13.99	252	291696	22.871	nq	97
83) Chrysene	14.07	228	1172338	32.551	nq	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	785264	32.232	nq	99
85) Di-n-octyl phthalate	14.63	149	1330090	34.312	nq	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	978065	31.965	nq	99
88) Benzo(b)fluoranthene	15.08	252	1079590	32.363	nq	98
89) Benzo(k)fluoranthene	15.11	252	1026544	34.515	nq	98
90) Benzo(a)pyrene	15.44	252	967641	33.749	nq	100
91) Dibenzo(a,h)anthracene	17.00	278	824369	32.751	nq	99
92) Benzo(g,h,i)perylene	17.42	276	762312	30.367	nq	99

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

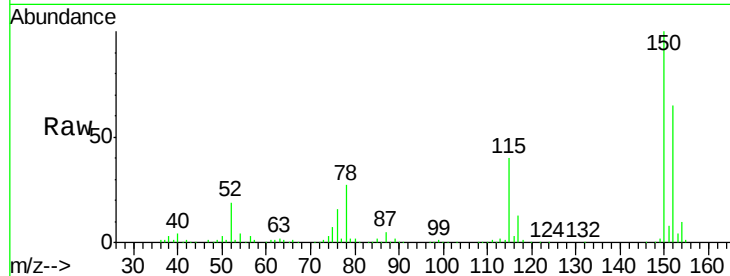


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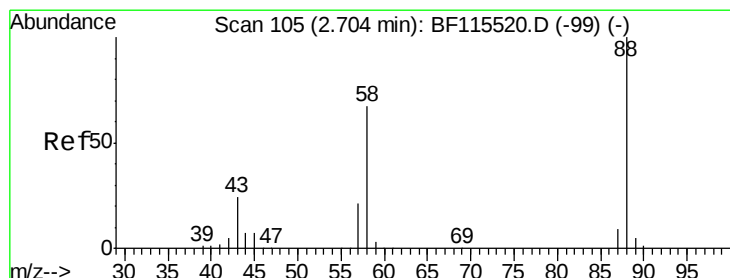
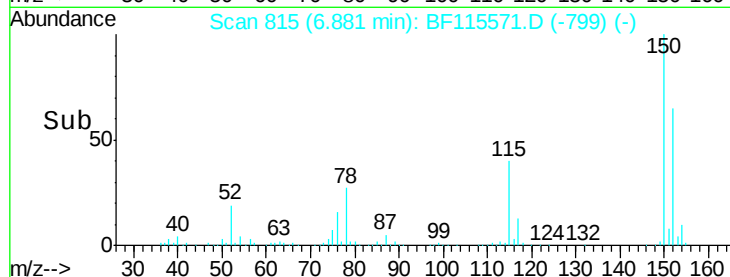
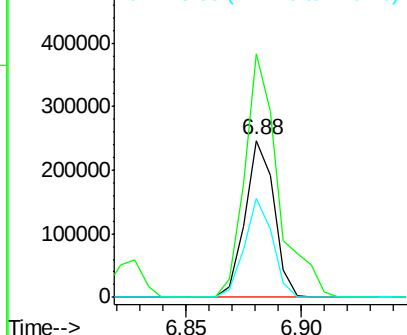
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Instrument :
BNA_F
ClientSampleId :

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



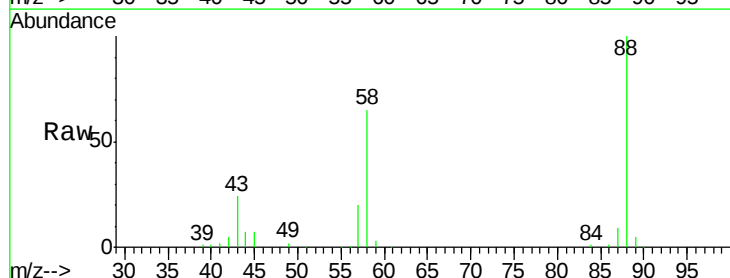
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



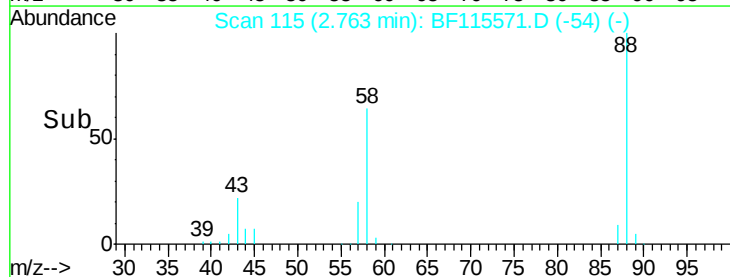
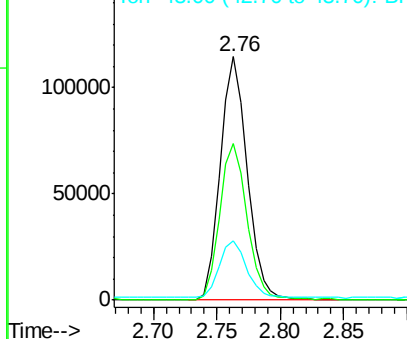
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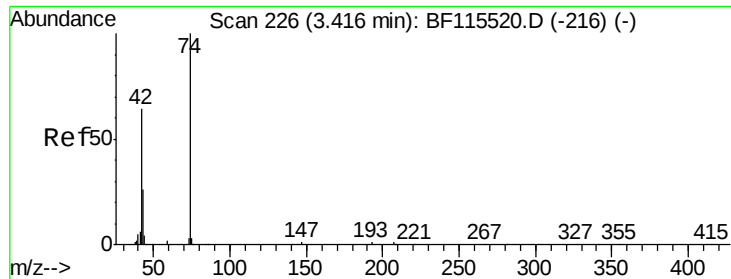
1,4-Dioxane
Concen: 25.514 ng
RT: 2.76 min Scan# 115
Delta R.T. 0.06 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

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



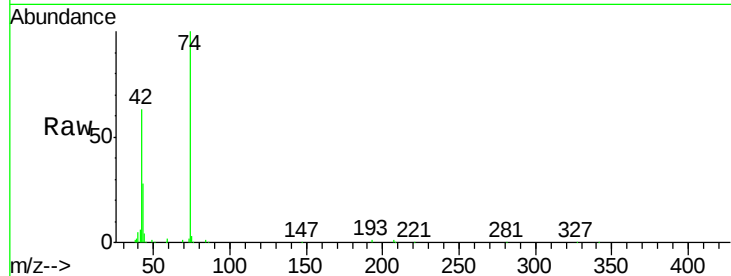


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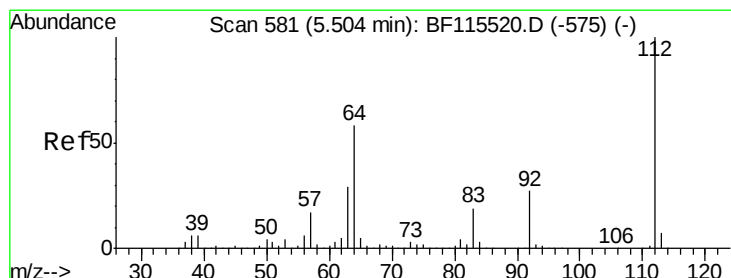
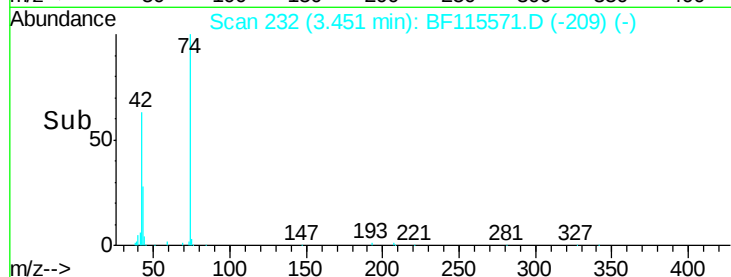
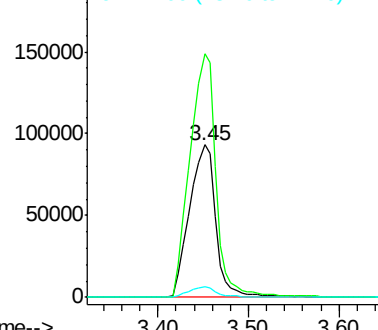
n-Nitrosodimethylamine
 Concen: 28.817 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.04 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	159.9	127.5	191.3
44	6.6	5.0	7.6



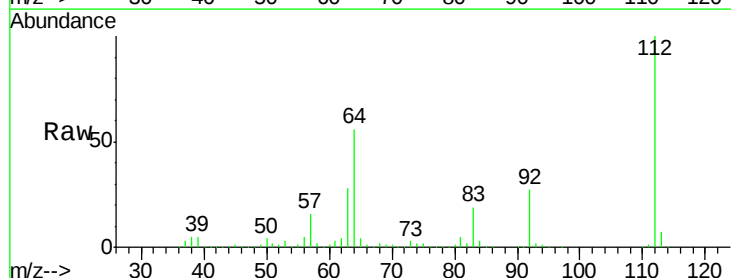
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



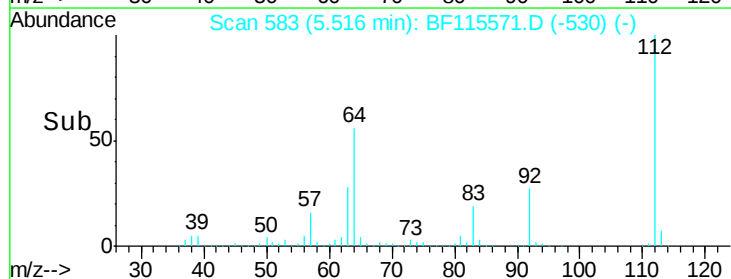
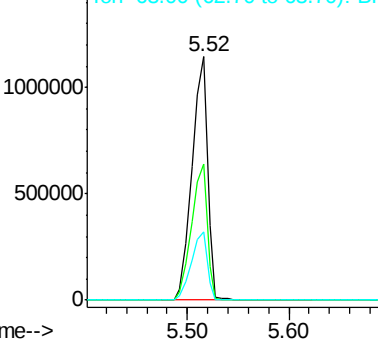
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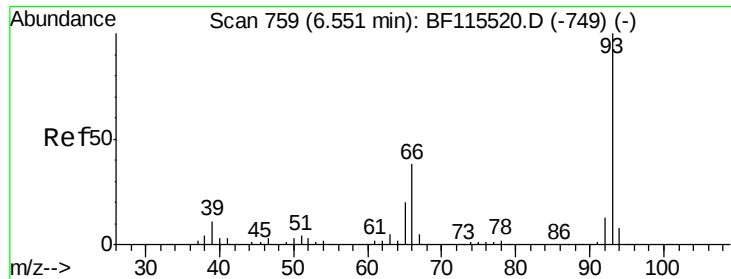
2-Fluorophenol
 Concen: 92.094 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

Tgt 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): E
 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

Instrument :

BNA_F

ClientSampleId :

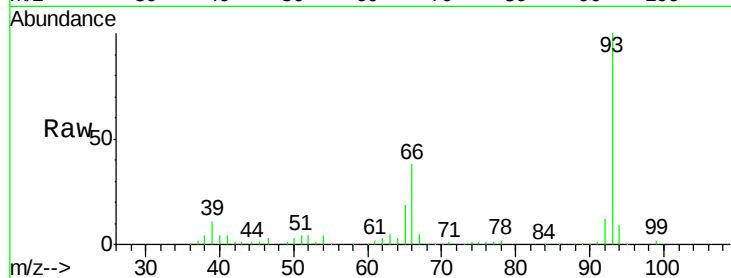
Tot Ion: 93 Resp: 253272

Ion Ratio Lower Upper

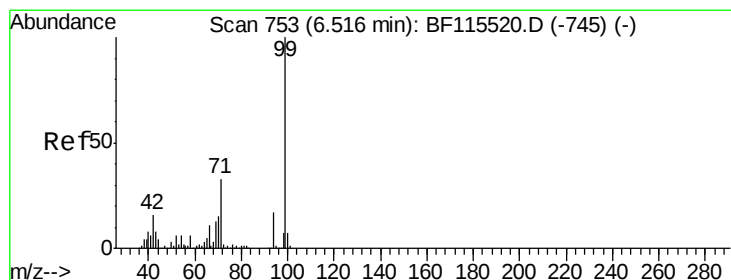
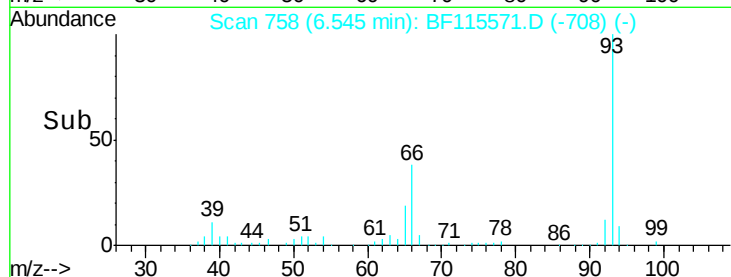
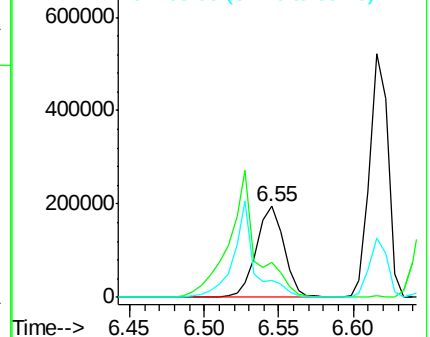
93 100

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

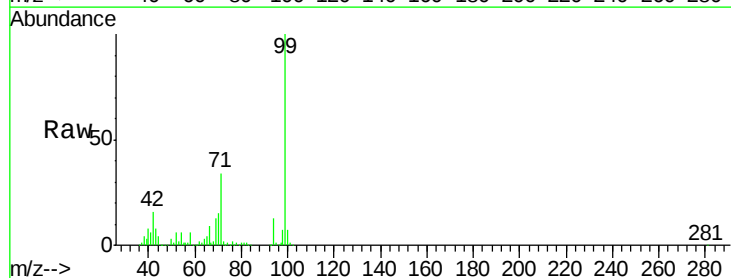
Tgt Ion: 99 Resp: 1624429

Ion Ratio Lower Upper

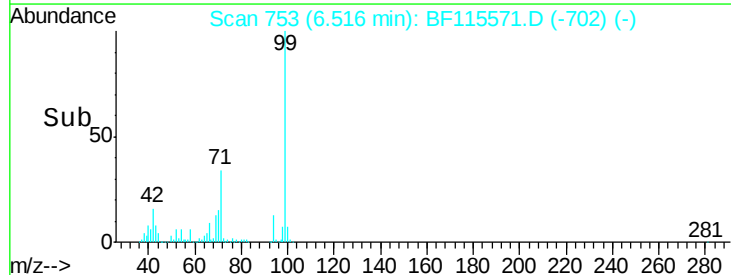
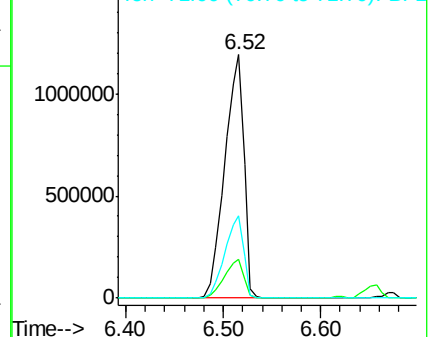
99 100

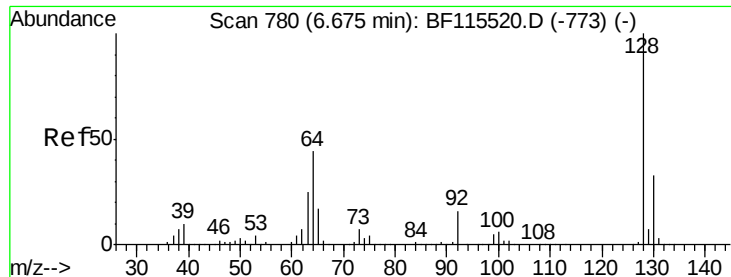
42 16.0 13.6 20.4

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

Instrument :

BNA_F

ClientSampleId :

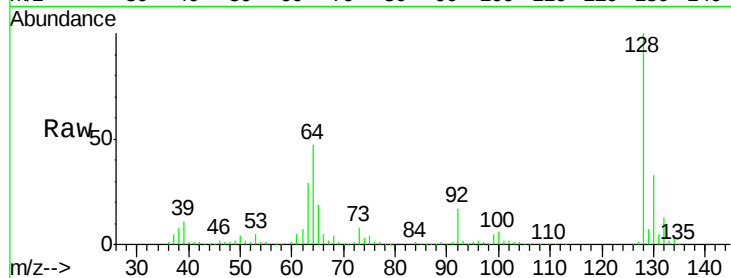
Tot Ion:128 Resp: 470580

Ion Ratio Lower Upper

128 100

130 32.7 12.8 52.8

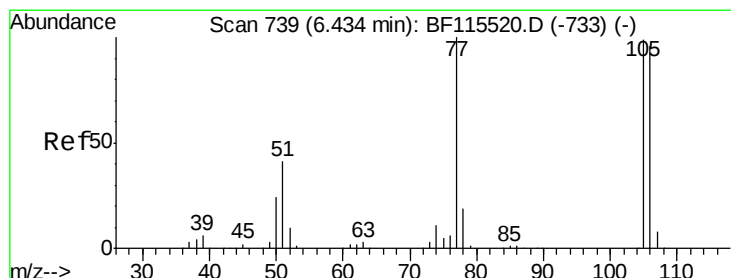
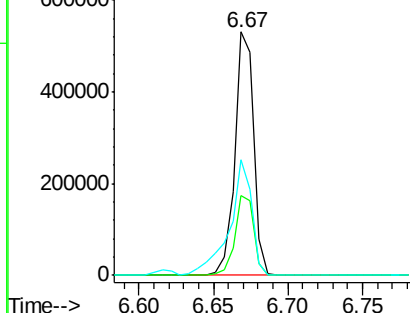
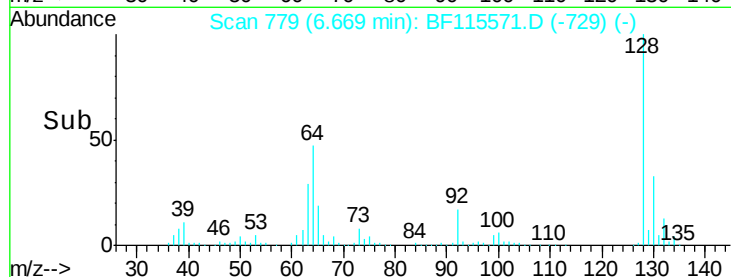
64 47.4 26.8 66.8



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

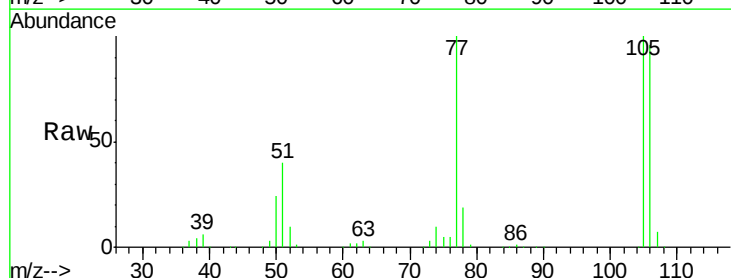
Tgt Ion: 77 Resp: 281735

Ion Ratio Lower Upper

77 100

105 99.9 78.8 118.8

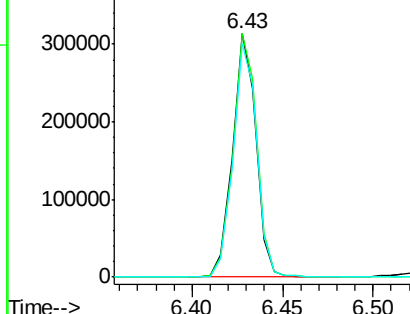
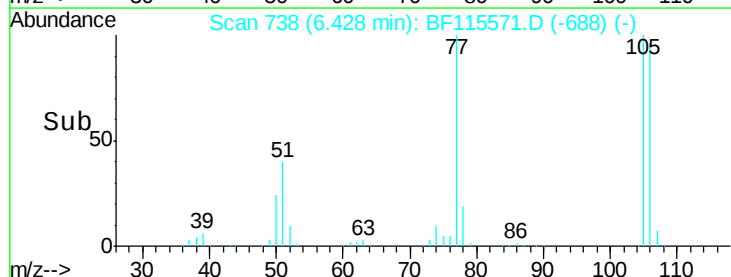
106 95.7 75.6 115.6

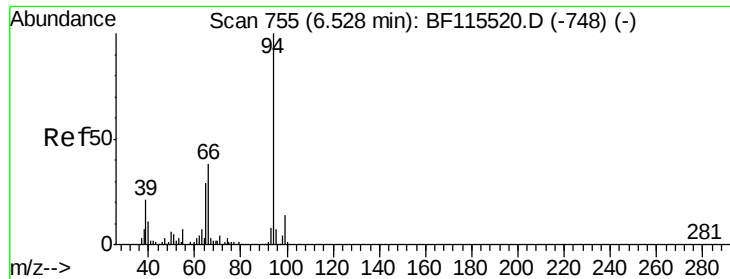


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#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

Instrument :

BNA_F

ClientSampleId :

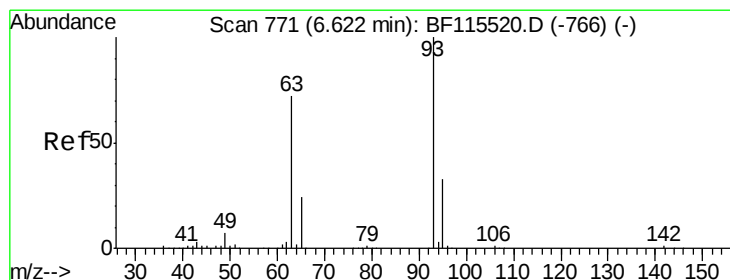
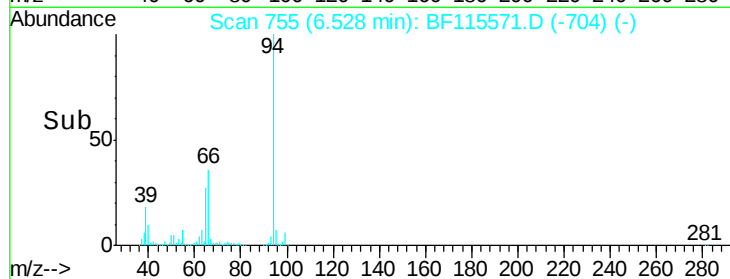
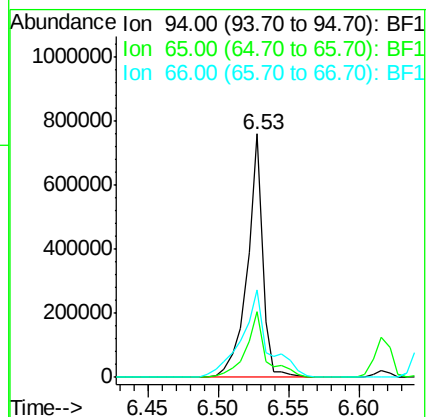
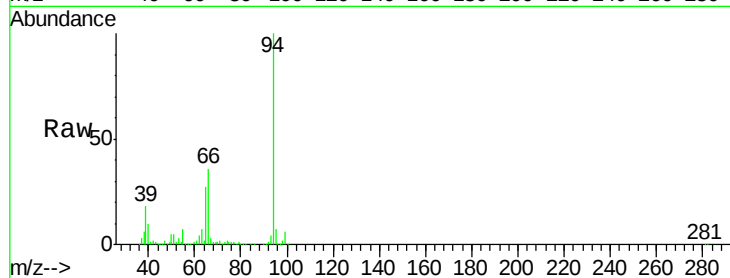
Tot Ion: 94 Resp: 578844

Ion Ratio Lower Upper

94 100

65 27.1 14.5 54.5

66 35.8 31.3 71.3



#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

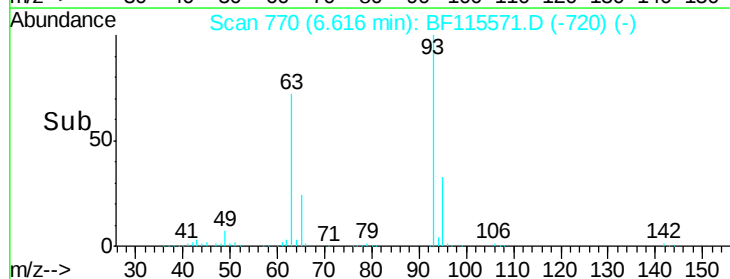
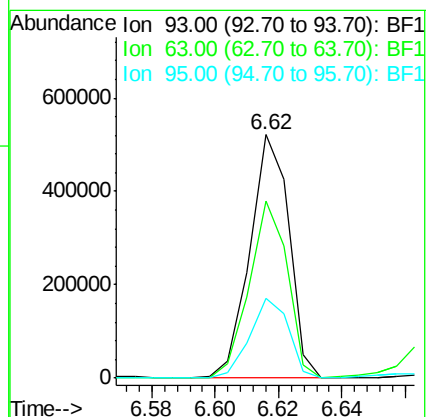
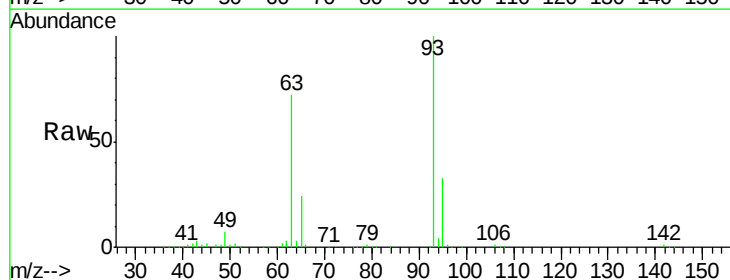
Tgt Ion: 93 Resp: 443955

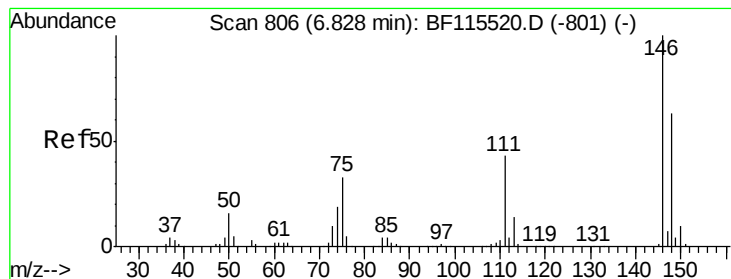
Ion Ratio Lower Upper

93 100

63 72.5 52.2 92.2

95 32.8 12.9 52.9





#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

Instrument :

BNA_F

ClientSampleId :

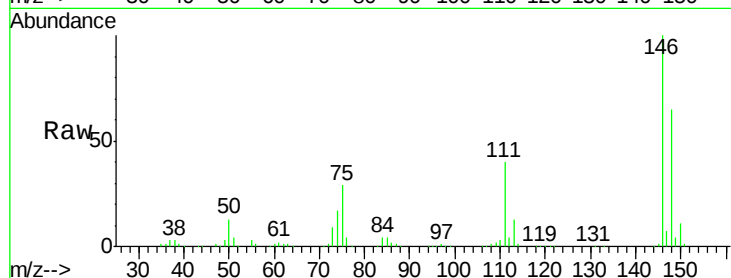
Tot Ion:146 Resp: 508805

Ion Ratio Lower Upper

146 100

148 64.9 52.1 78.1

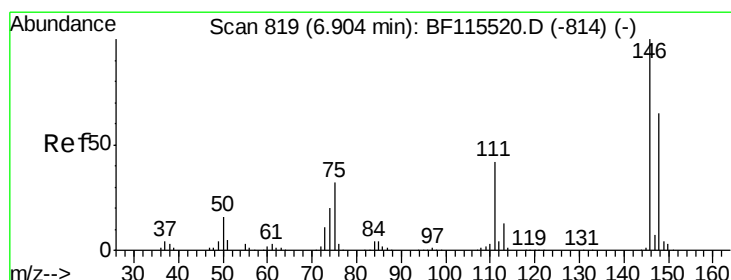
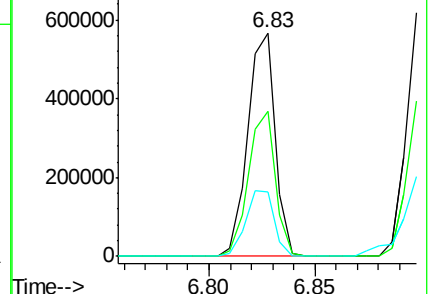
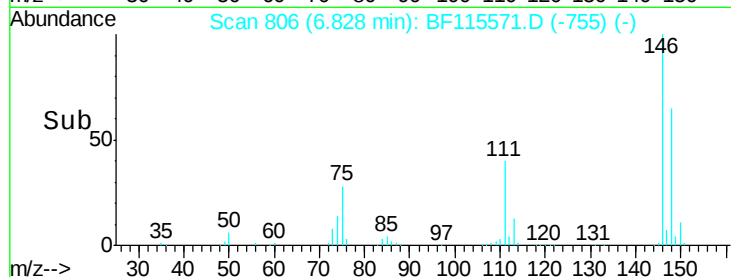
75 29.1 24.9 37.3



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

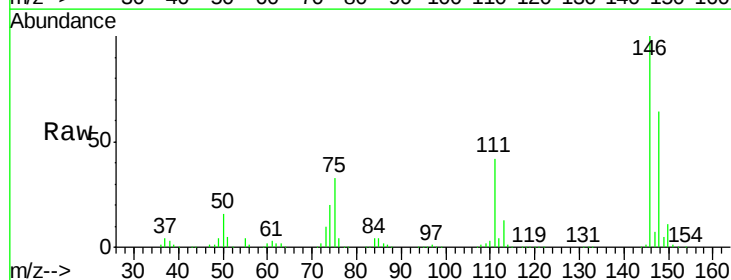
Tgt Ion:146 Resp: 516025

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

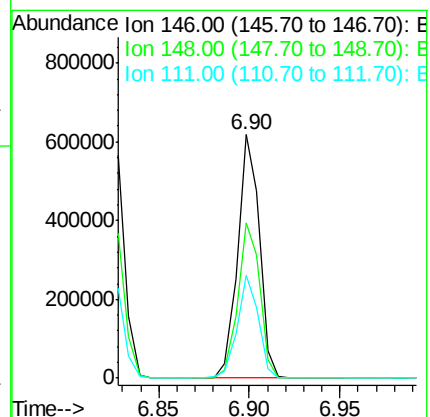
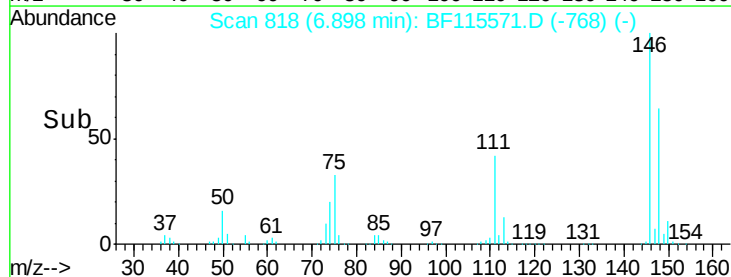
111 42.4 35.5 53.3

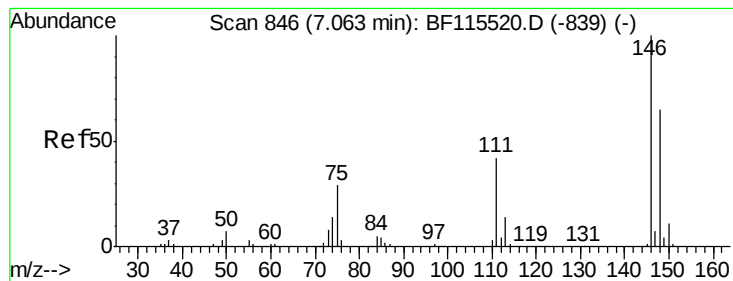


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

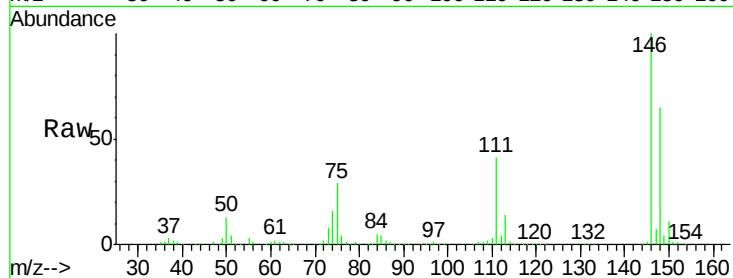
Tot Ion:146 Resp: 481549

Ion Ratio Lower Upper

146 100

148 65.2 51.1 76.7

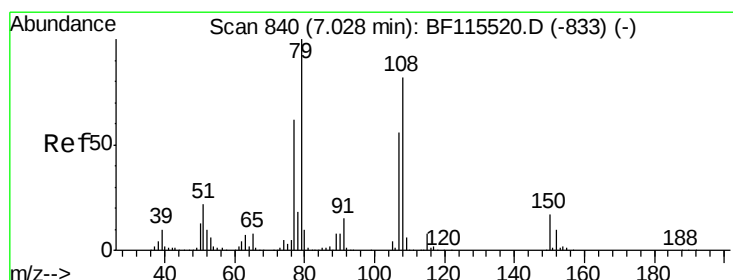
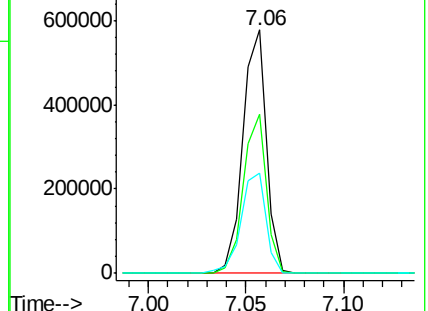
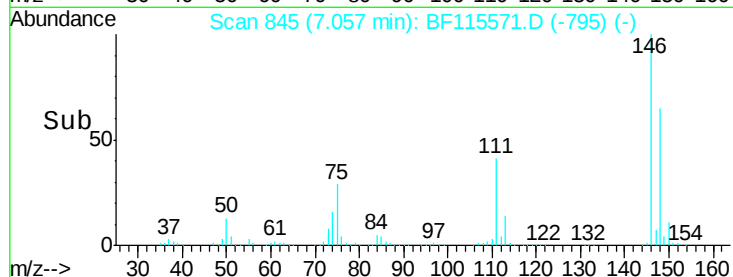
111 41.1 37.6 56.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 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

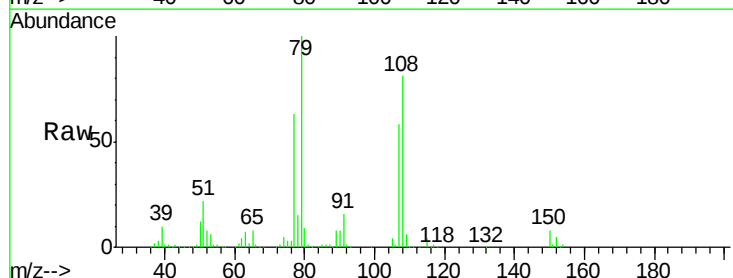
Tgt Ion: 79 Resp: 428922

Ion Ratio Lower Upper

79 100

108 81.4 64.2 96.4

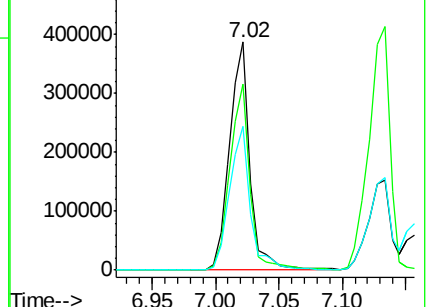
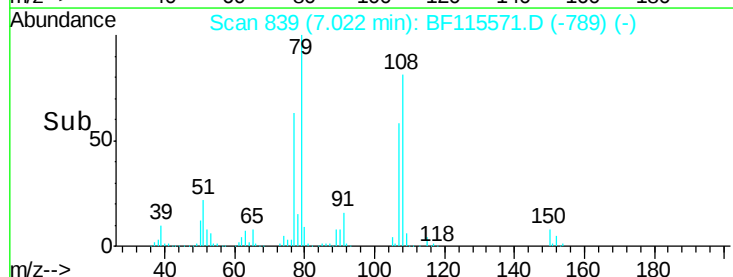
77 62.8 51.8 77.8

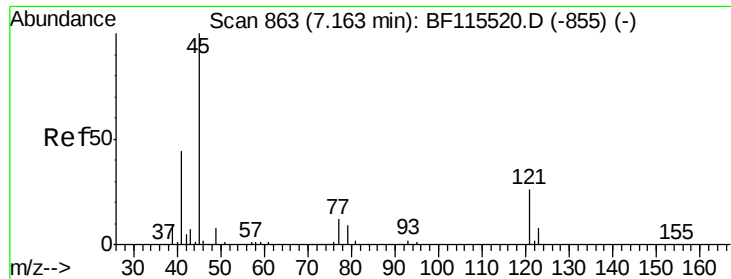


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

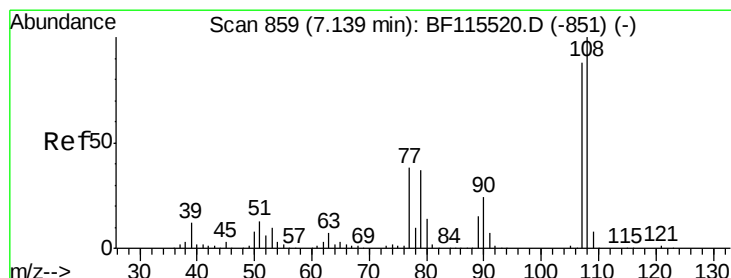
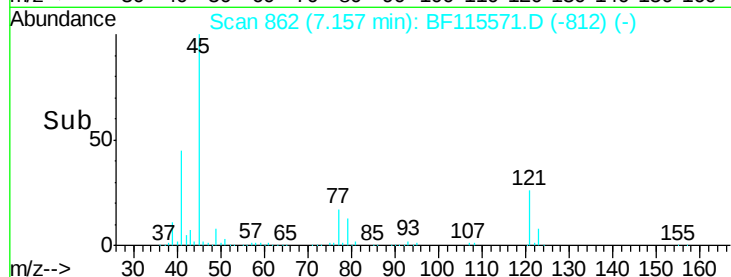
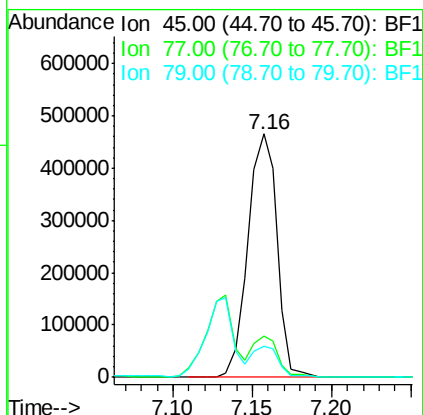
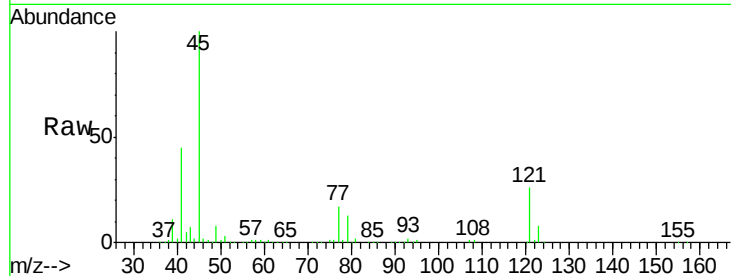




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 30.150 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

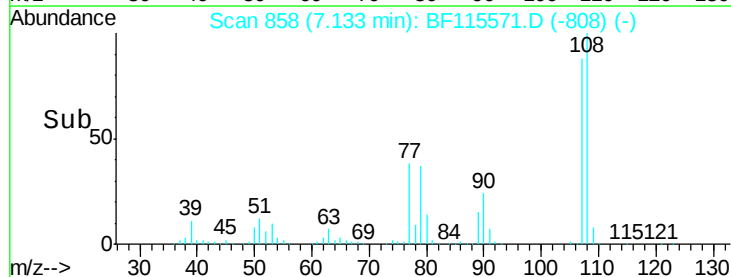
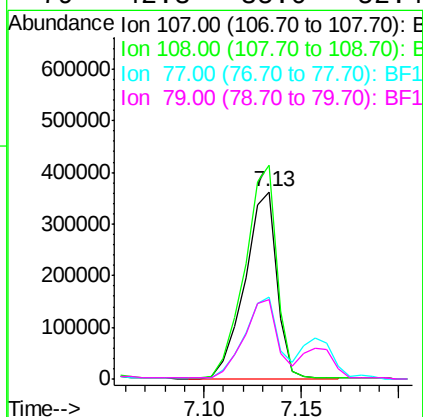
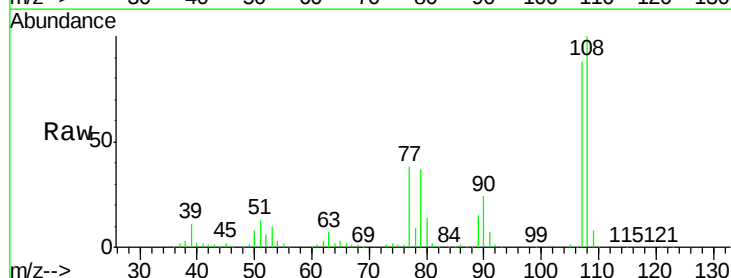
Instrument :
BNA_F
ClientSampleId :

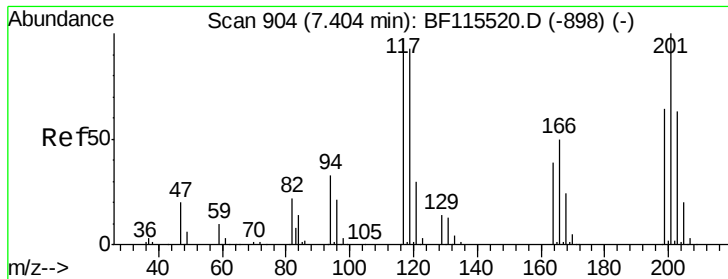
Tot Ion	Ratio	Lower	Upper
45	100		
77	17.1	0.0	38.1
79	12.9	0.0	34.1



#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

Tgt 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

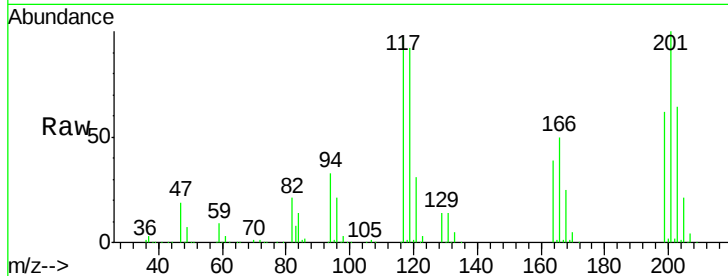




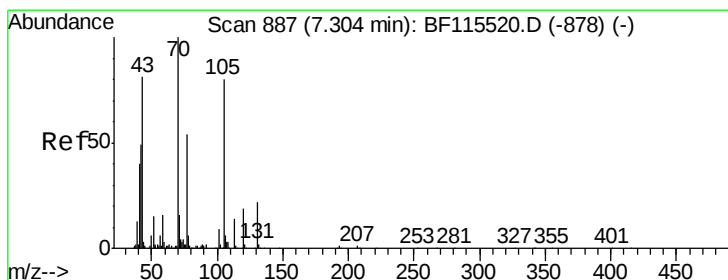
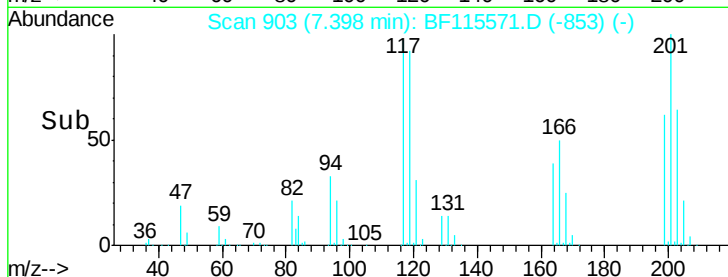
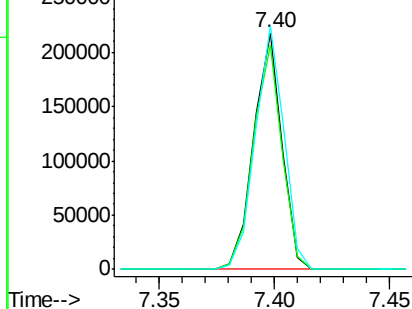
#18
Hexachloroethane
Concen: 29.271 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Instrument :
BNA_F
ClientSampleId :

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

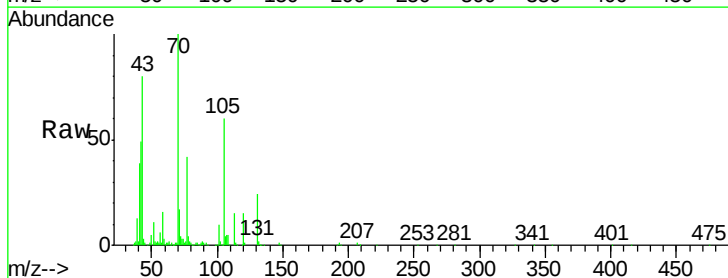


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

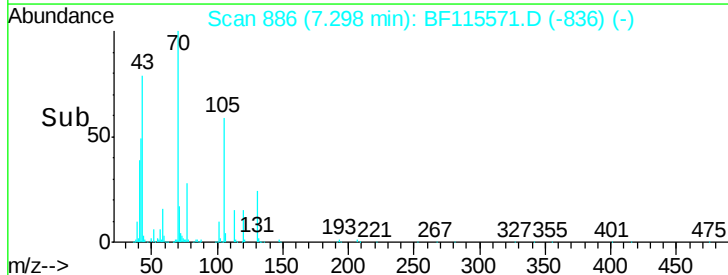
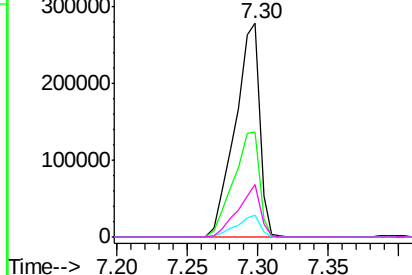


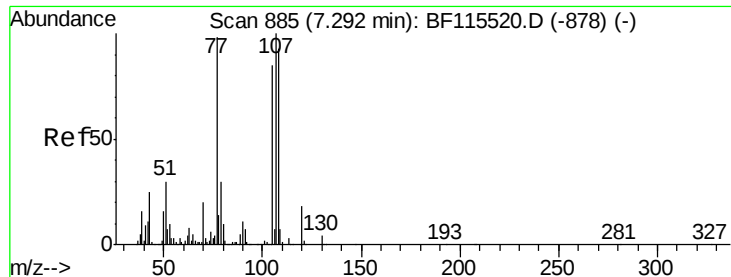
#19
n-Nitroso-di-n-propylamine
Concen: 30.571 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt 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



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

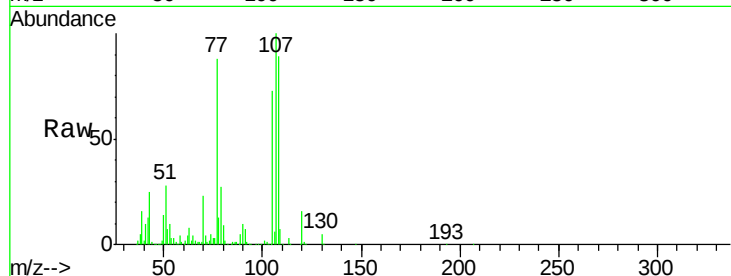




#20
3+4-Methylphenols
Concen: 31.252 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Instrument :
BNA_F
ClientSampleId :

Tot 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



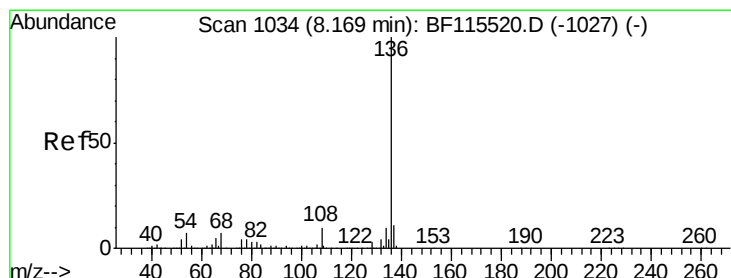
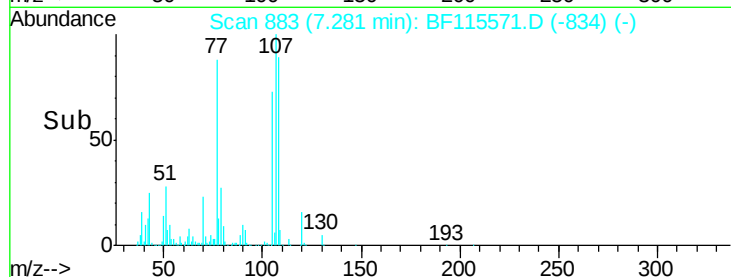
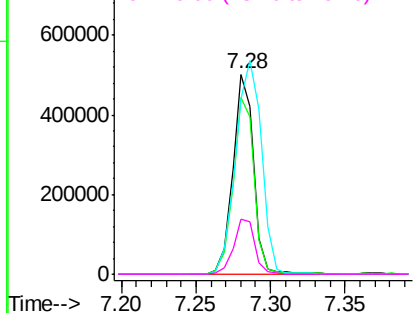
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt 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

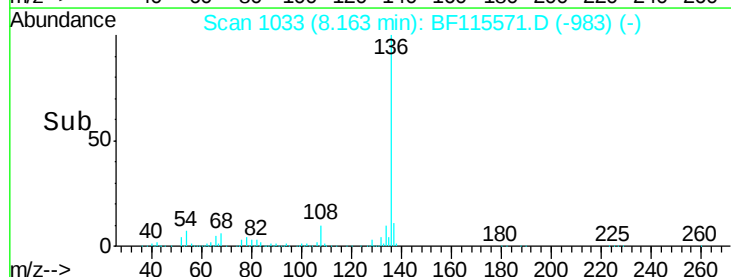
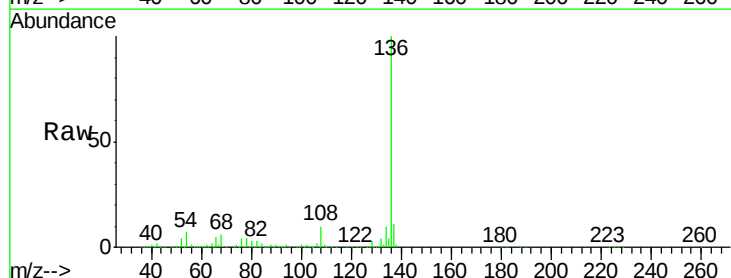
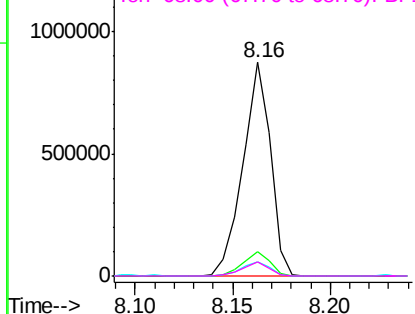
Abundance

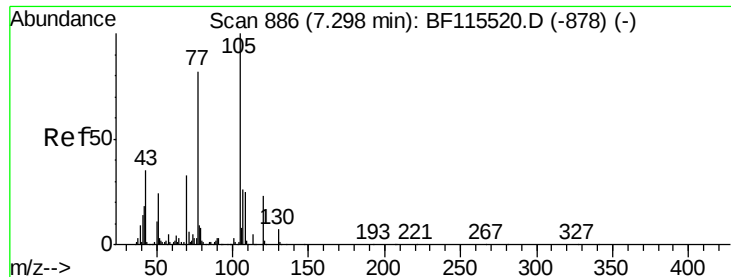
Ion 136.00 (135.70 to 136.70): E

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

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 657265

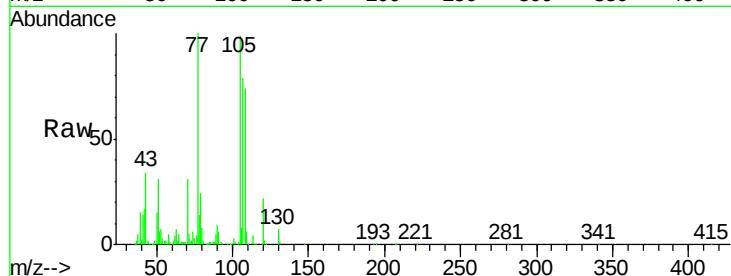
Ion Ratio Lower Upper

105 100

71 5.3 3.5 5.3

51 31.1 25.6 38.4

120 22.2 17.9 26.9

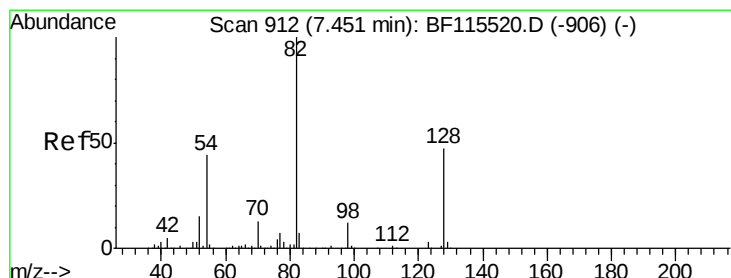
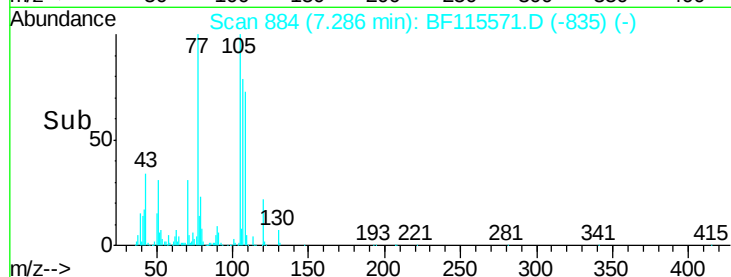
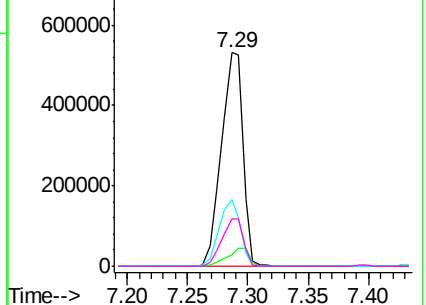


Abundance Ion 105.00 (104.70 to 105.70): E

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

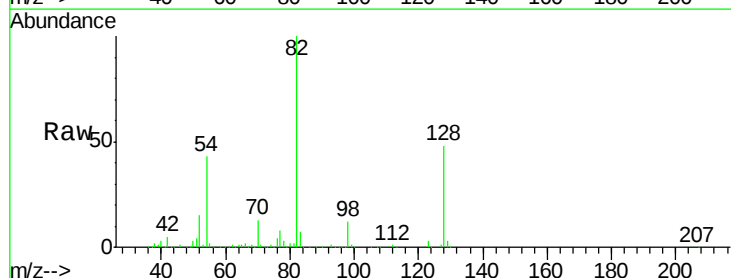
Tgt Ion: 82 Resp: 1057166

Ion Ratio Lower Upper

82 100

128 47.8 38.6 57.8

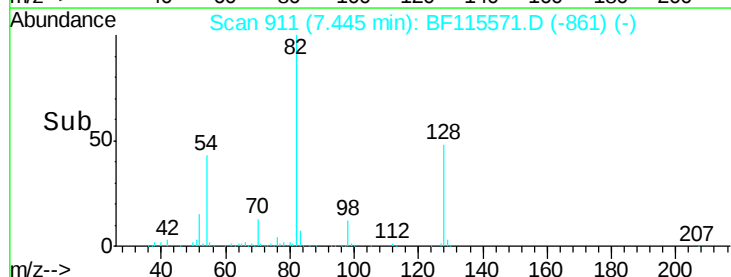
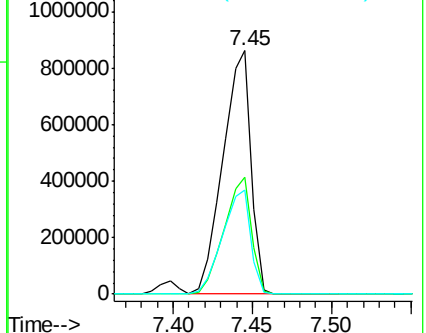
54 43.0 35.6 53.4

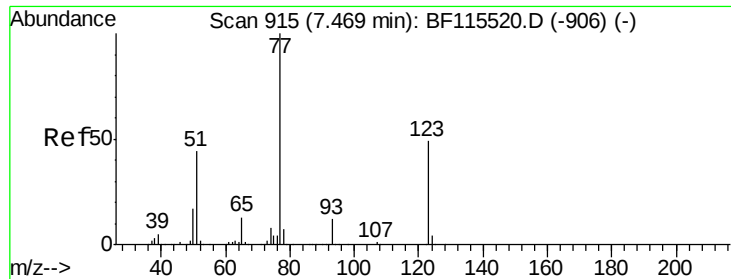


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

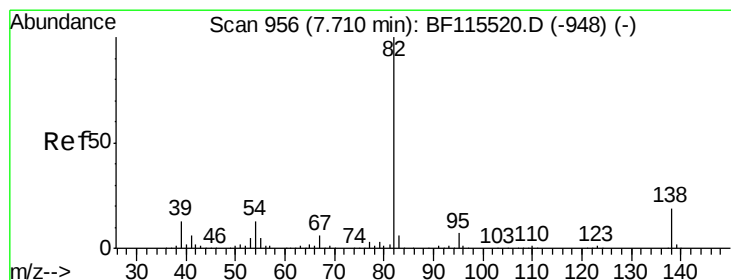
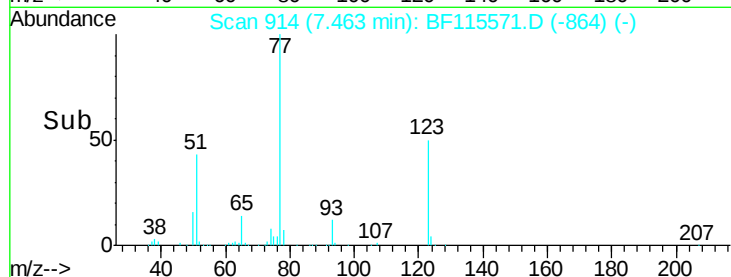
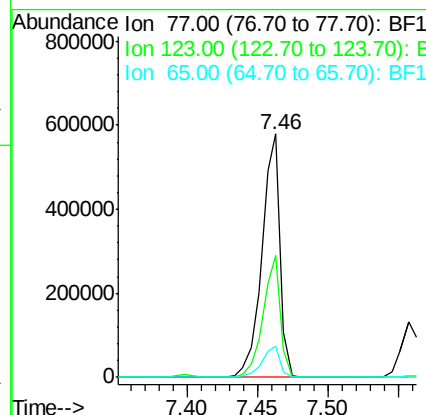
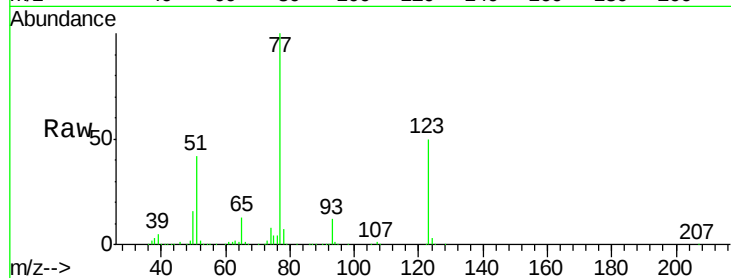




#24
Nitrobenzene
Concen: 32.943 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

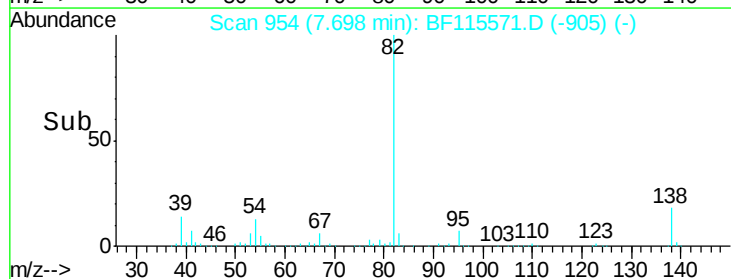
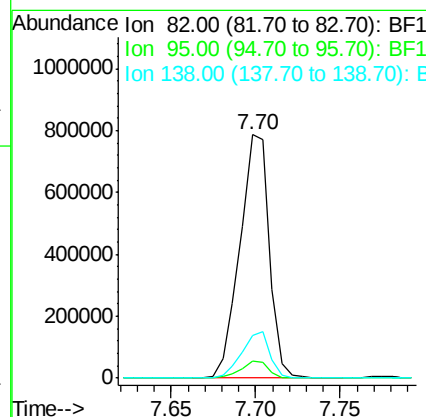
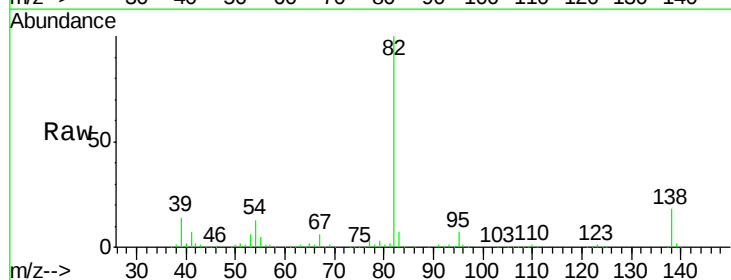
Instrument :
BNA_F
ClientSampleId :

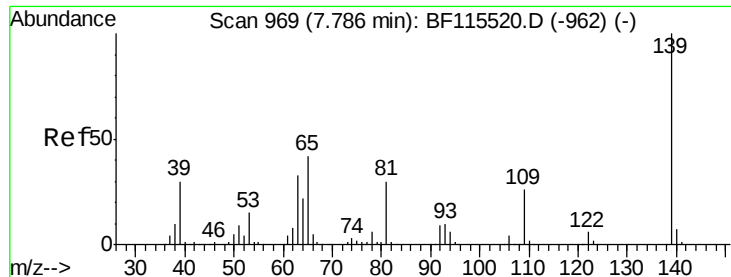
Tot Ion	Ratio	Lower	Upper
77	100		
123	50.2	40.0	60.0
65	13.0	11.0	16.4



#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

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.5	8.3
138	17.7	14.9	22.3





#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

Instrument :

BNA_F

ClientSampleId :

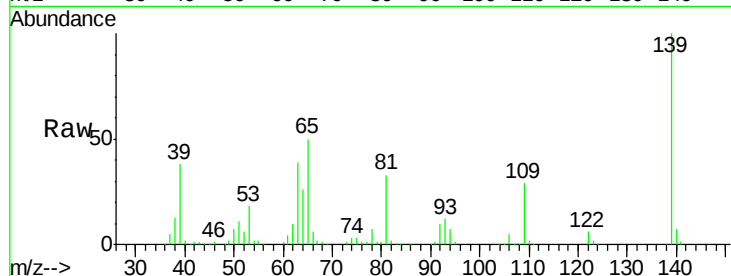
Tot Ion:139 Resp: 270112

Ion Ratio Lower Upper

139 100

109 28.8 23.3 34.9

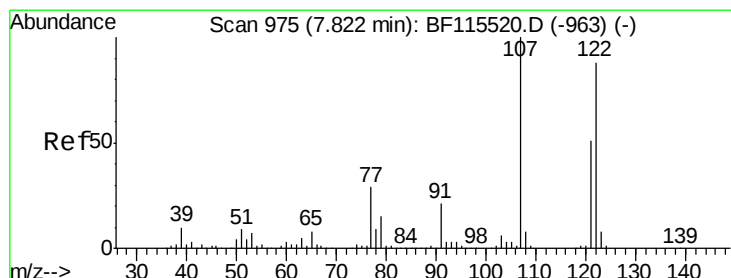
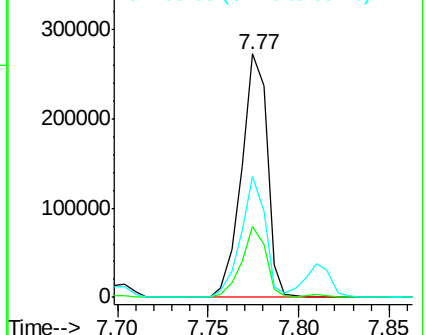
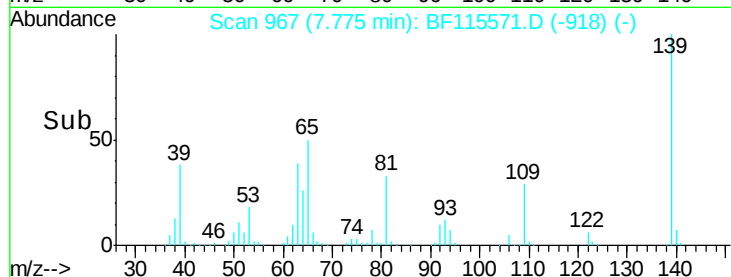
65 49.7 37.9 56.9



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

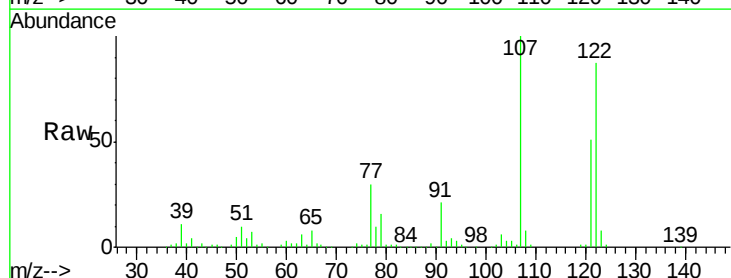
Tgt Ion:122 Resp: 435309

Ion Ratio Lower Upper

122 100

107 114.6 92.9 139.3

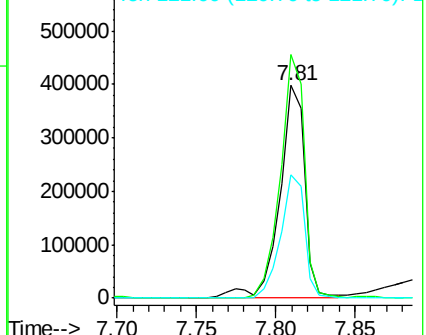
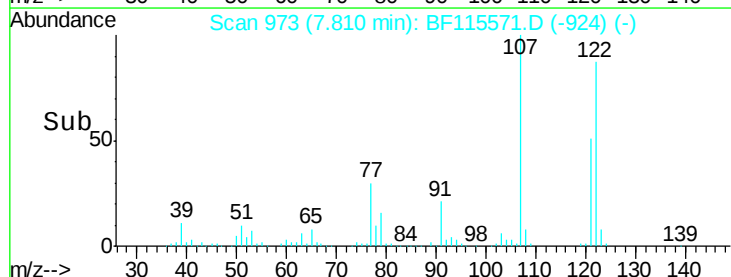
121 58.2 46.9 70.3

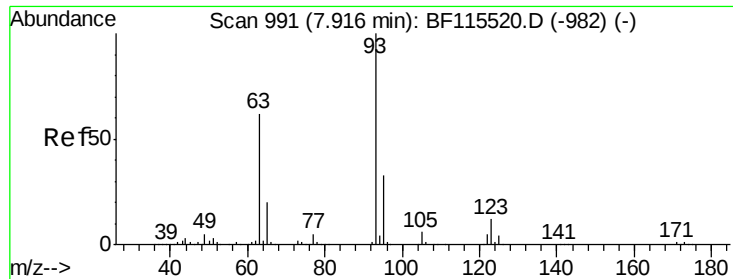


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

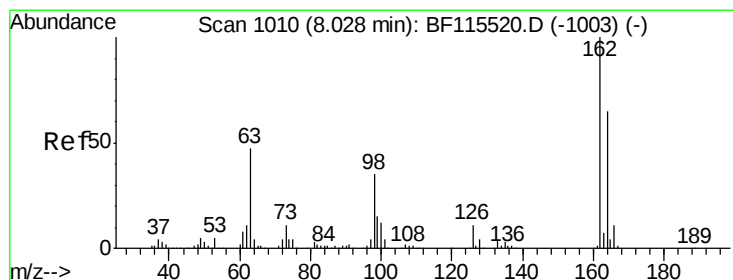
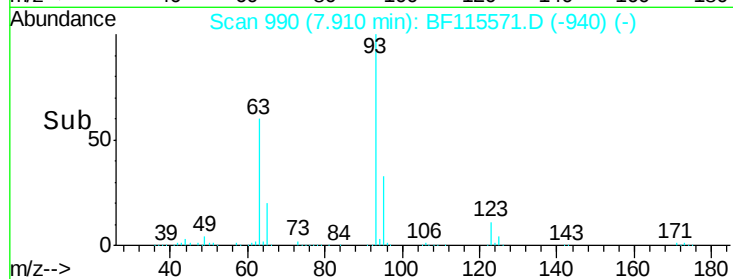
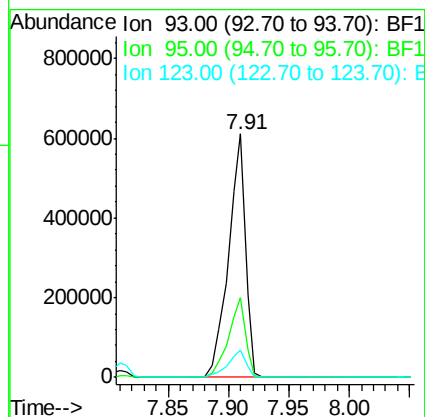
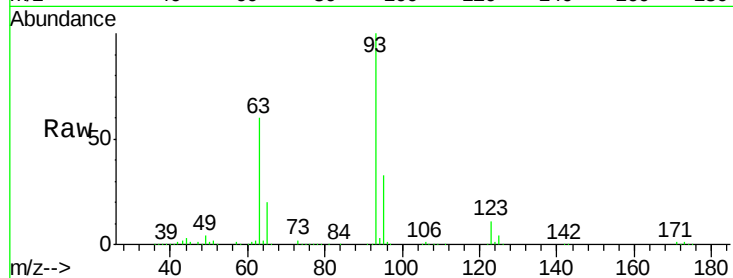




#28
bis(2-Chloroethoxy)methane
Concen: 33.094 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

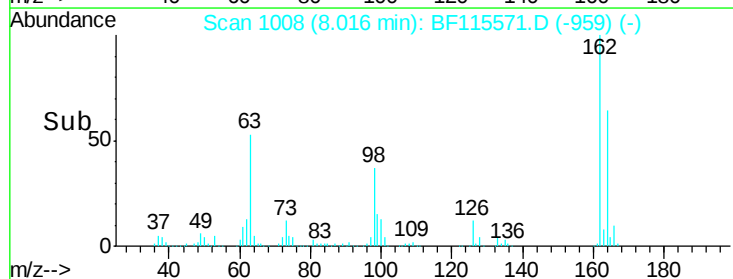
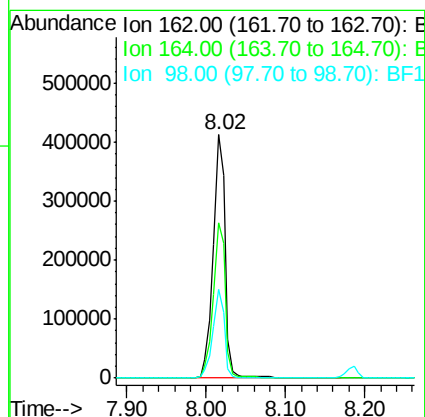
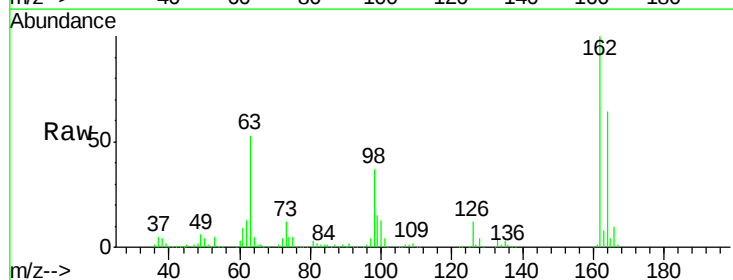
Instrument :
BNA_F
ClientSampleId :

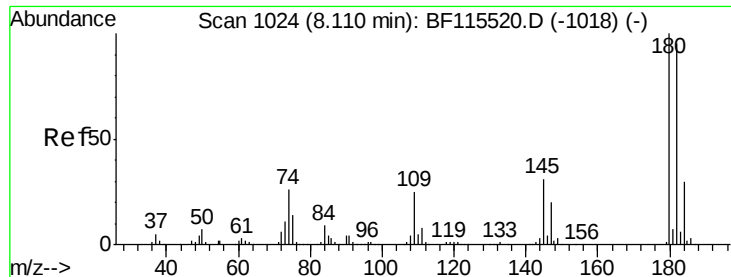
Tot Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.0	40.4
123	11.4	9.9	14.9



#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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.9	84.9
98	36.6	17.7	57.7

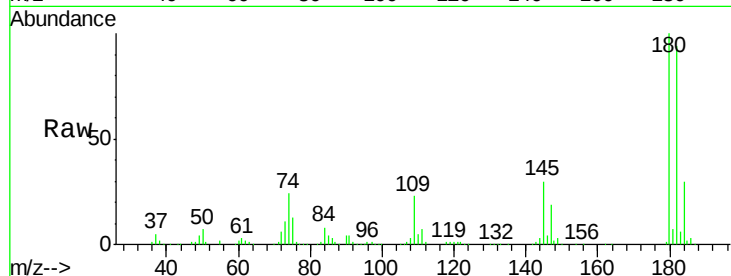




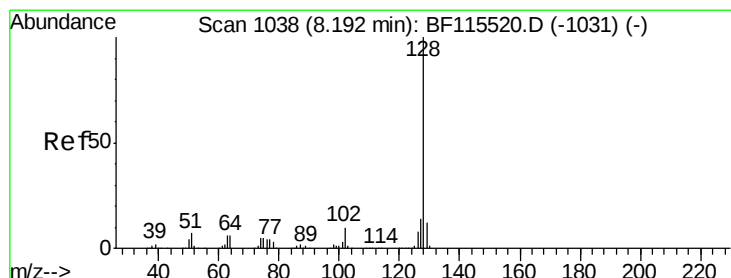
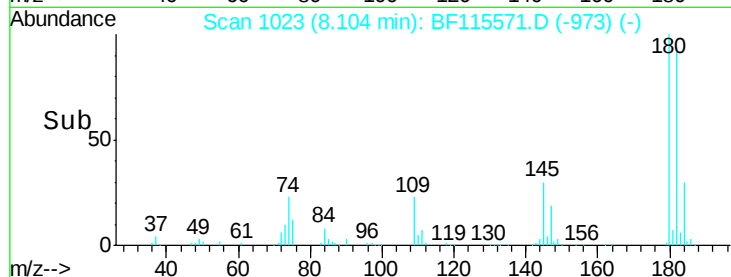
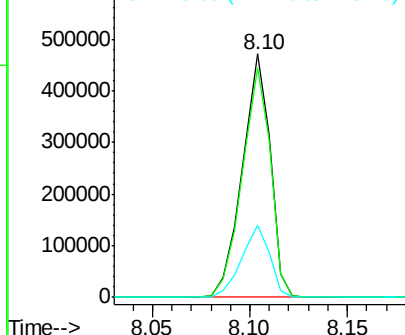
#30
 1,2,4-Trichlorobenzene
 Concen: 32.387 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

Instrument :
 BNA_F
 ClientSampleId :

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

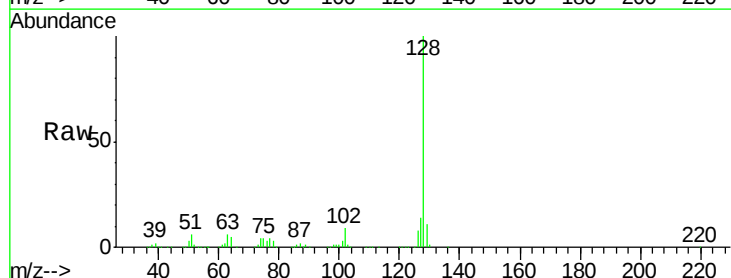


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

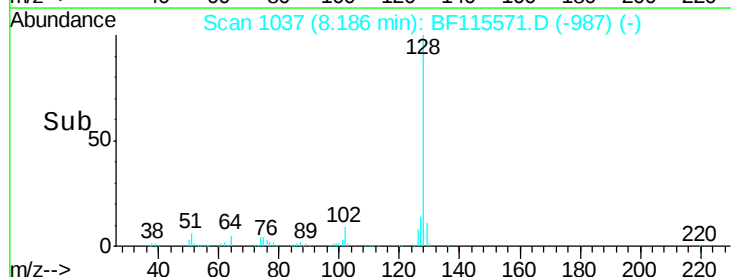
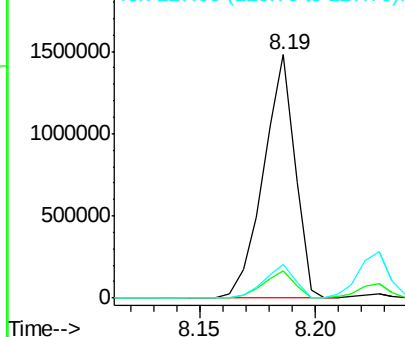


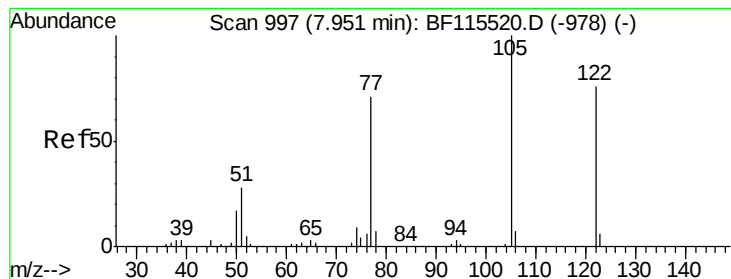
#31
 Naphthalene
 Concen: 33.789 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

Tgt 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
 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

Instrument :

BNA_F

ClientSampleId :

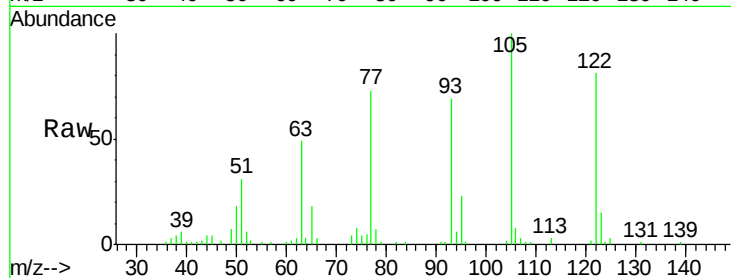
Tot Ion:122 Resp: 60635

Ion Ratio Lower Upper

122 100

105 124.0 102.5 142.5

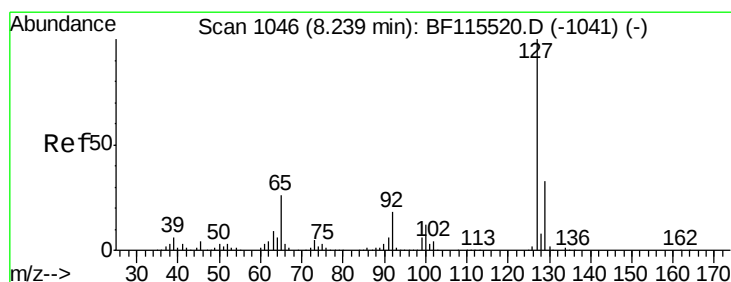
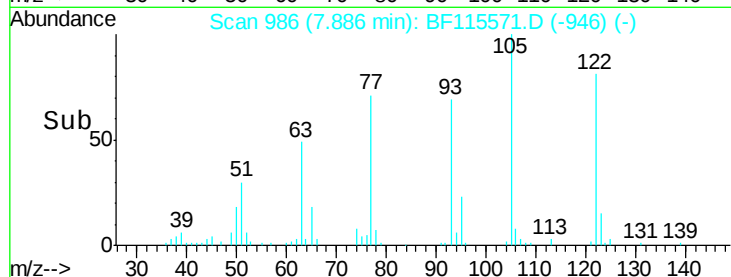
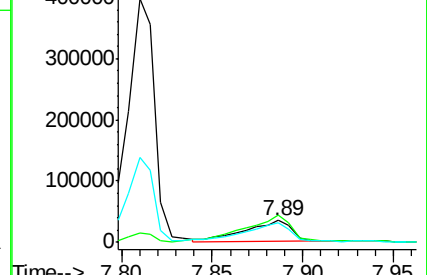
77 90.0 70.2 110.2



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

Tgt Ion:127 Resp: 274116

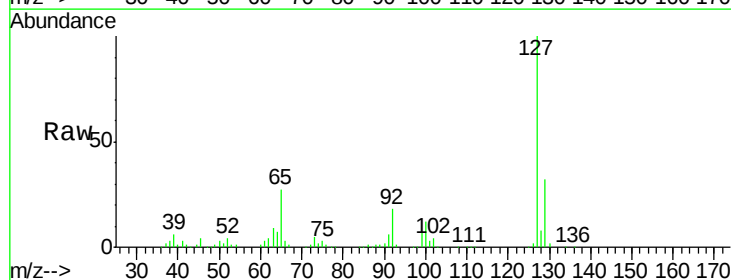
Ion Ratio Lower Upper

127 100

129 32.1 26.6 39.8

65 26.8 23.7 35.5

92 18.1 15.8 23.8

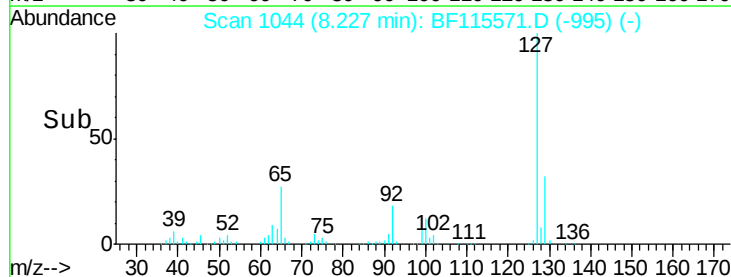
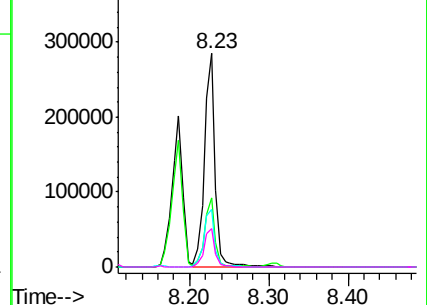


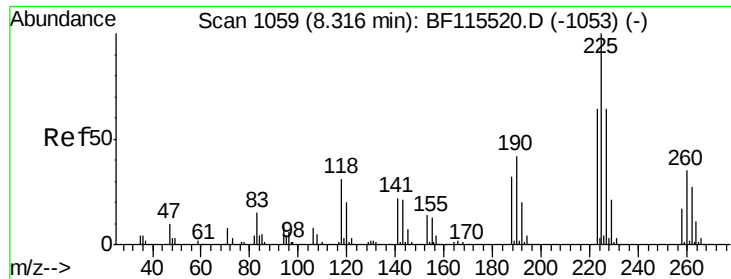
Abundance Ion 127.00 (126.70 to 127.70): E

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

Instrument :

BNA_F

ClientSampleId :

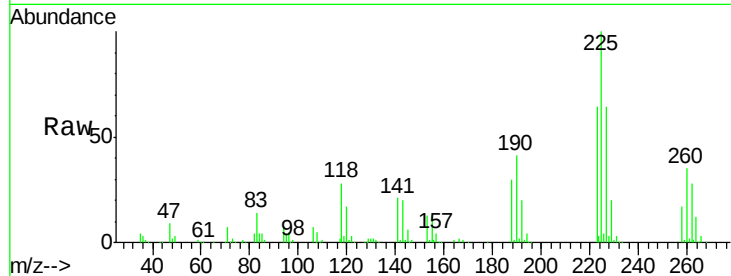
Tot Ion:225 Resp: 259988

Ion Ratio Lower Upper

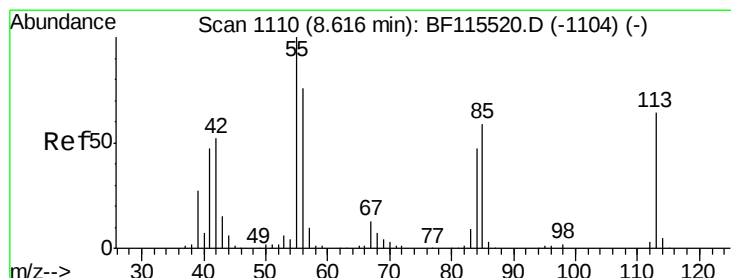
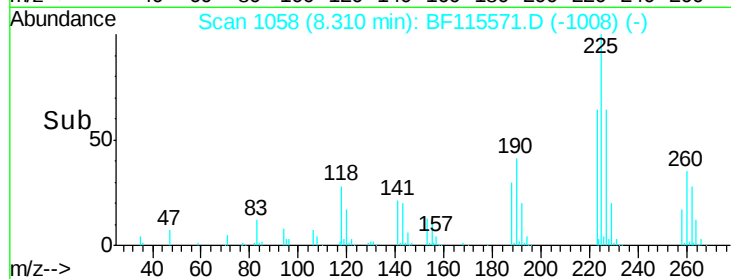
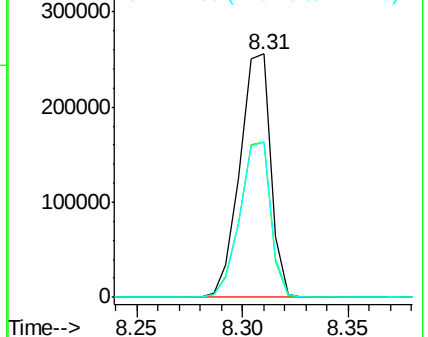
225 100

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: 15.027 ng

RT: 8.59 min Scan# 1106

Delta R.T. -0.02 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

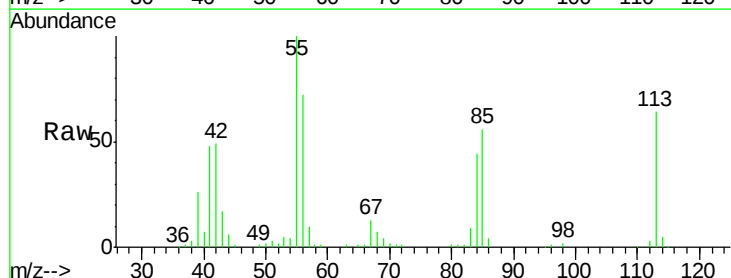
Tgt Ion:113 Resp: 59235

Ion Ratio Lower Upper

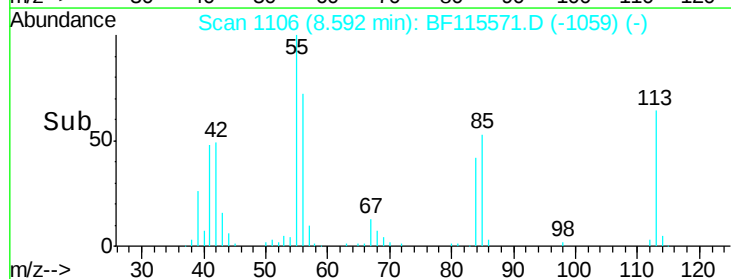
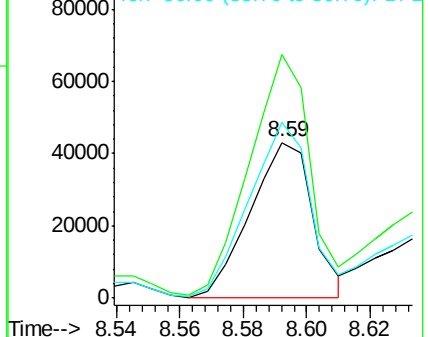
113 100

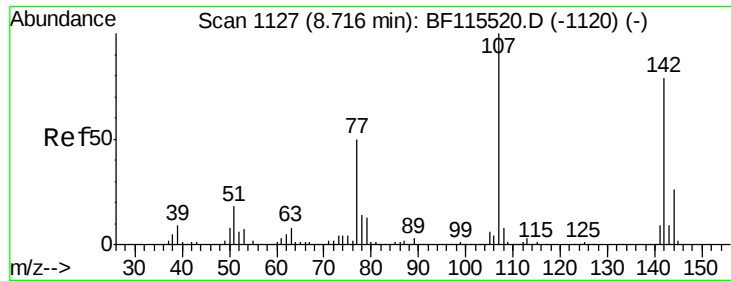
55 156.2 126.9 166.9

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

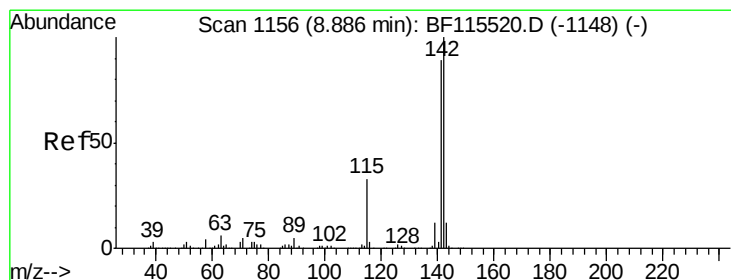
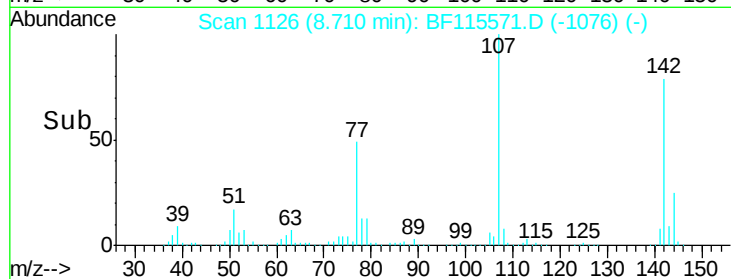
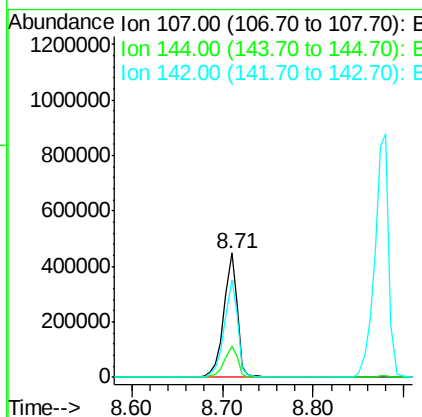
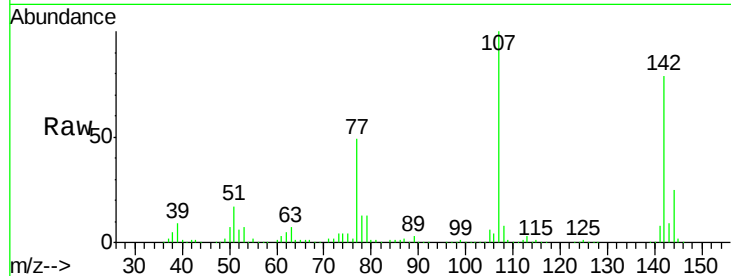




#36
 4-Chloro-3-methylphenol
 Concen: 34.056 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

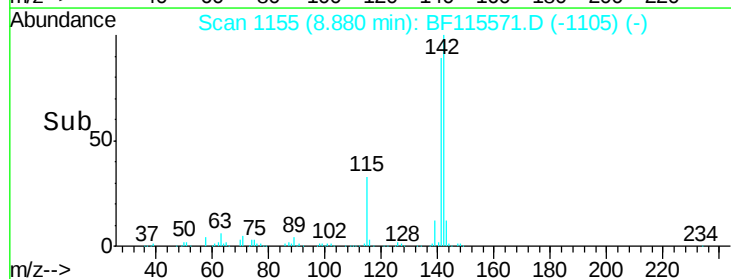
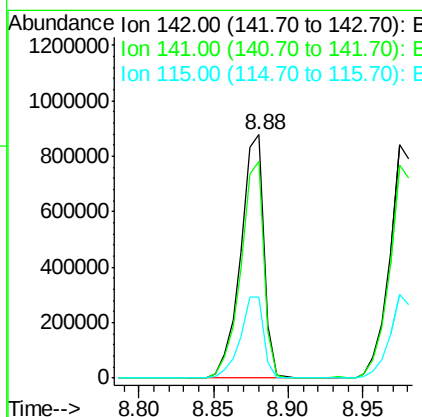
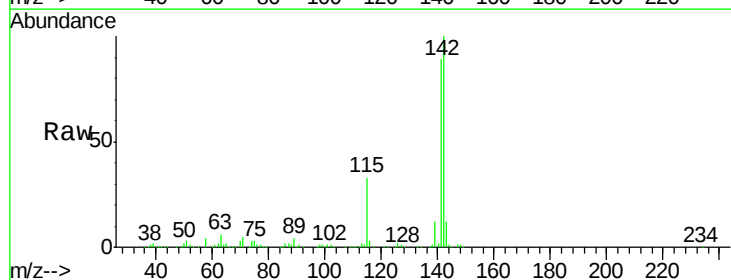
Instrument :
 BNA_F
 ClientSampleId :

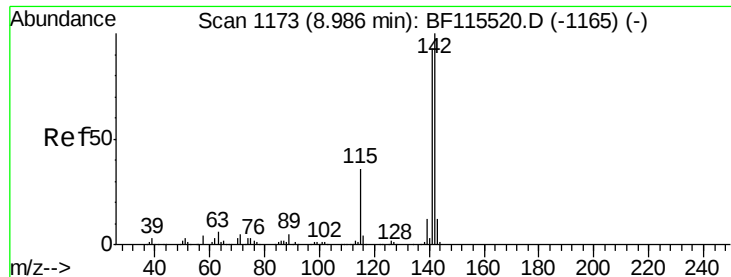
Tot Ion:	107	Resp:	450651
Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.6	30.8
142	78.9	63.1	94.7



#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

Tgt Ion:	142	Resp:	948601
Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.0	108.0
115	33.2	29.9	44.9

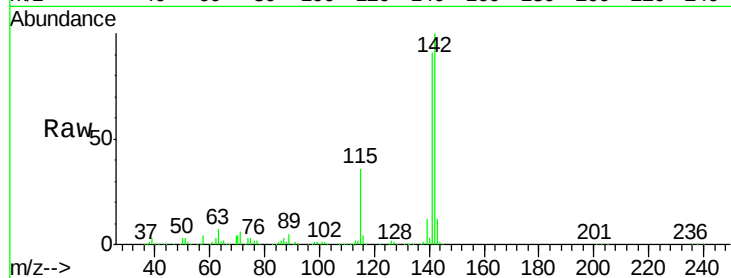




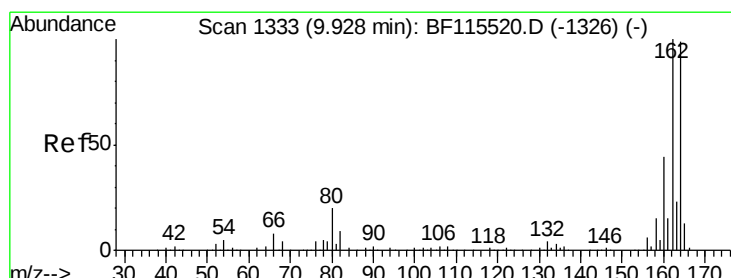
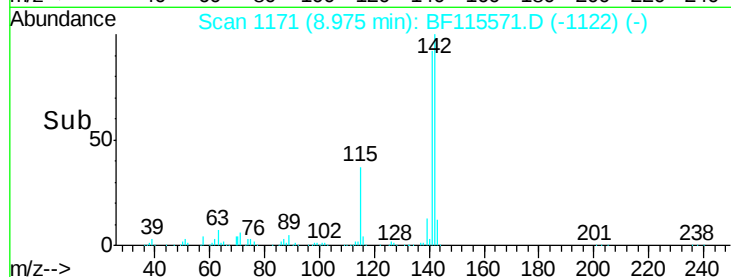
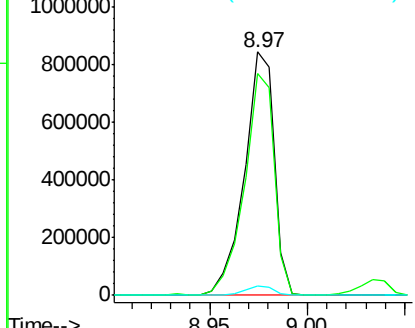
#38
 1-Methylnaphthalene
 Concen: 34.084 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 892391
 Ion Ratio Lower Upper
 142 100
 141 90.9 75.3 112.9
 116 3.7 3.3 4.9

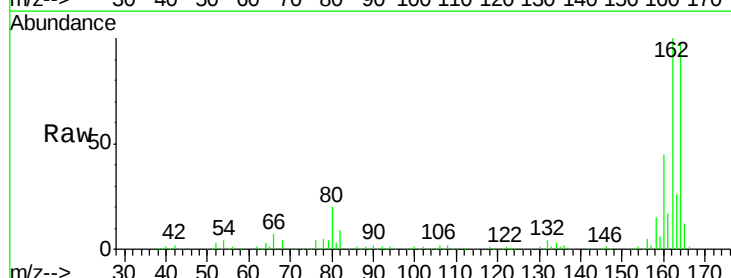


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

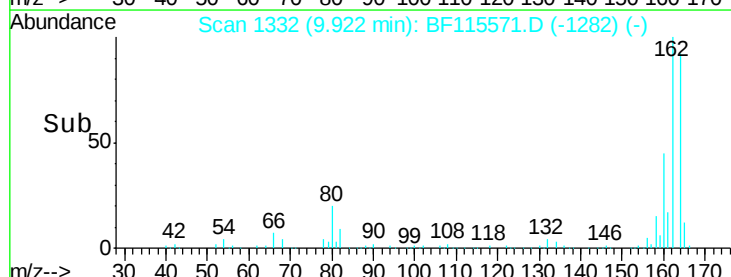
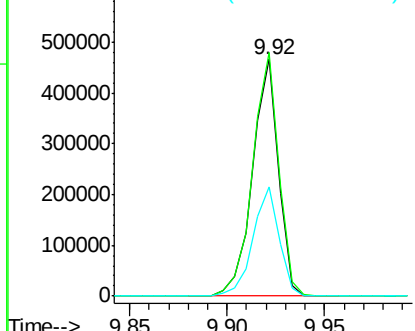


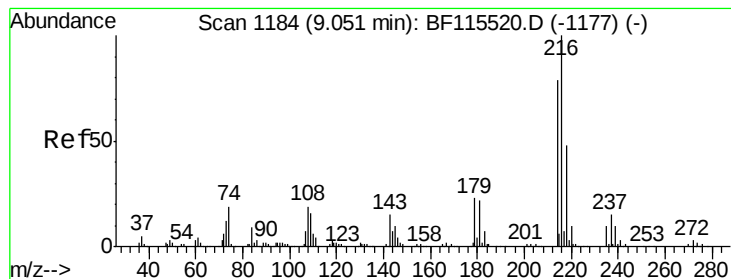
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

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



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





#40

1,2,4,5-Tetrachlorobenzene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 422660

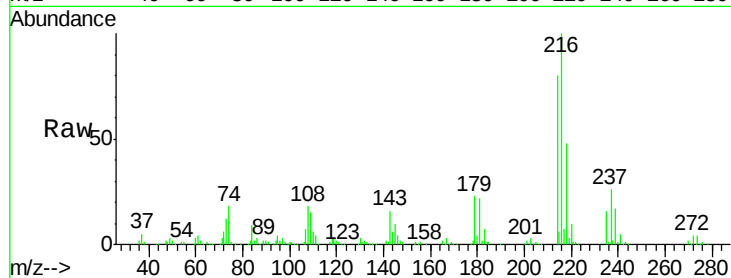
Ion Ratio Lower Upper

216 100

214 79.4 65.1 97.7

179 22.1 18.3 27.5

108 20.7 15.7 23.5

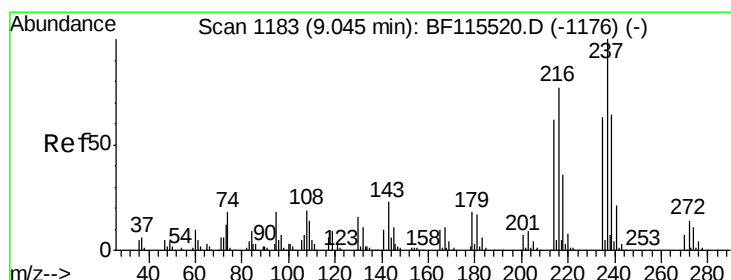
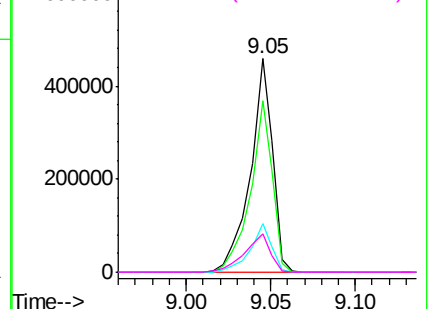
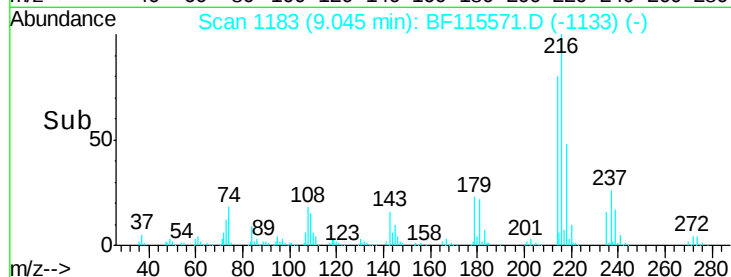


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 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

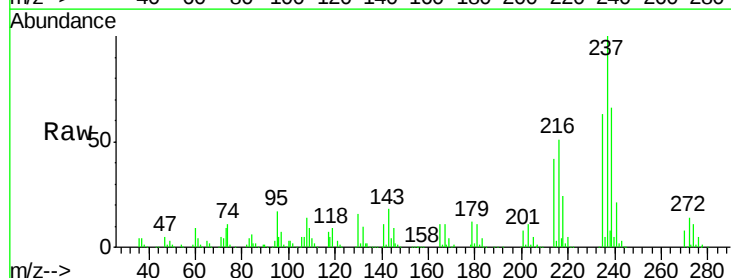
Tgt Ion:237 Resp: 471883

Ion Ratio Lower Upper

237 100

235 63.2 43.6 83.6

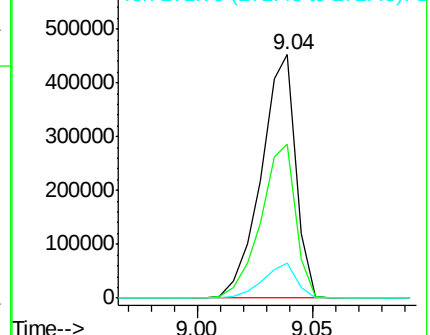
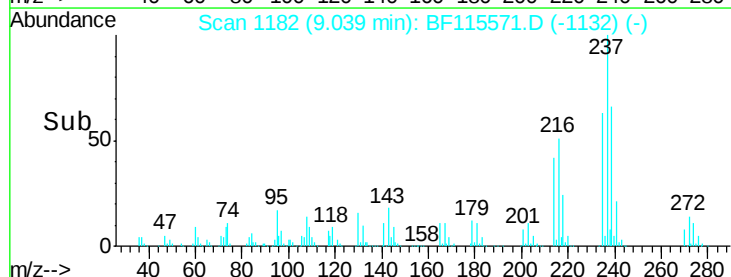
272 14.3 0.0 33.9

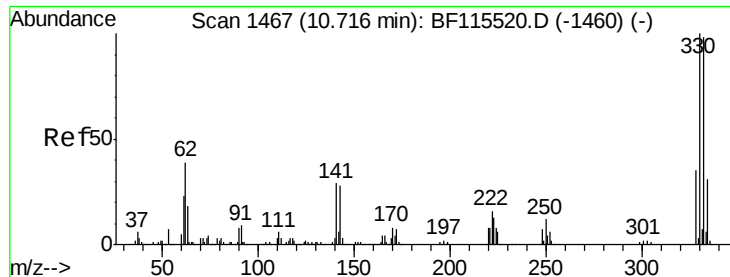


Abundance Ion 236.80 (236.50 to 237.50): E

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

Instrument :

BNA_F

ClientSampleId :

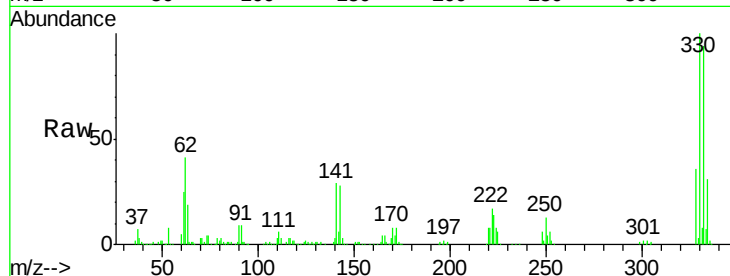
Tot Ion:330 Resp: 498225

Ion Ratio Lower Upper

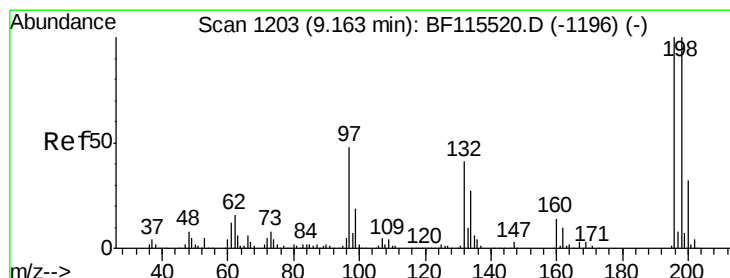
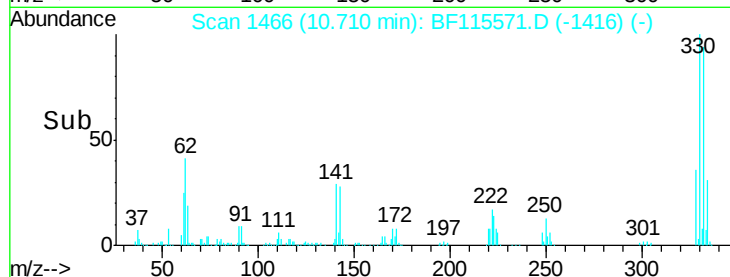
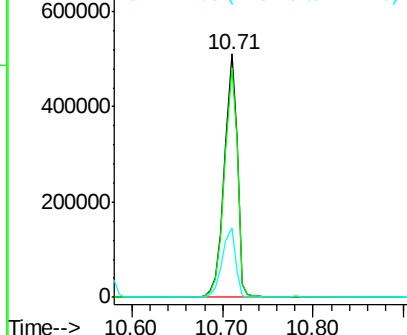
330 100

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

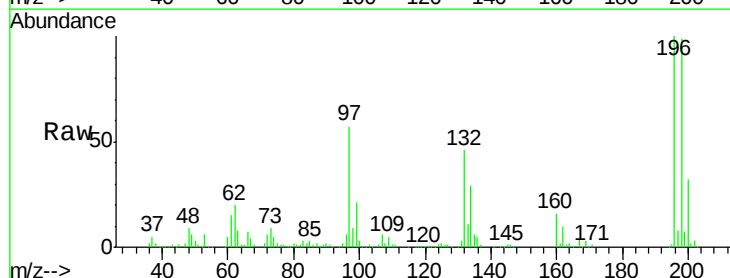
Tgt Ion:196 Resp: 313387

Ion Ratio Lower Upper

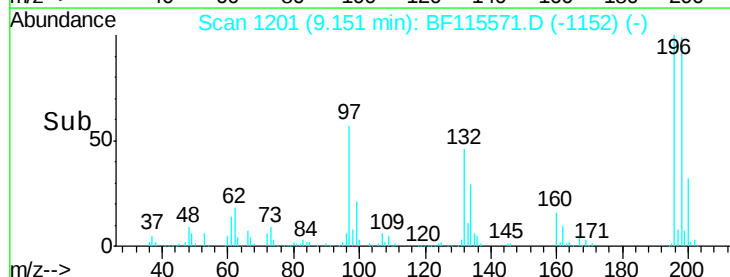
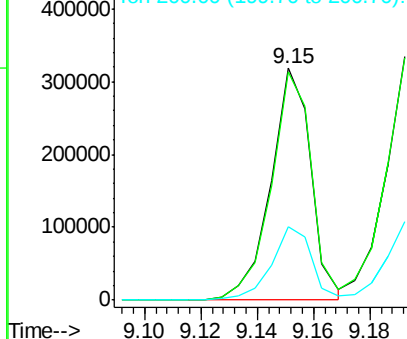
196 100

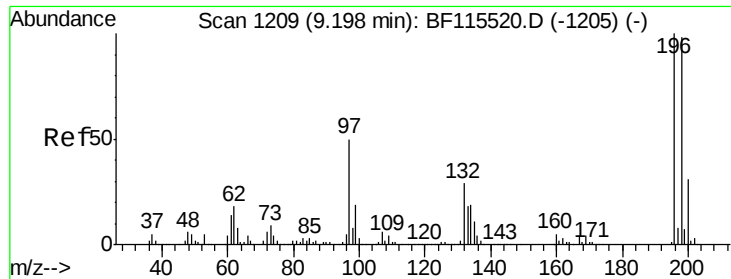
198 98.8 80.6 121.0

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

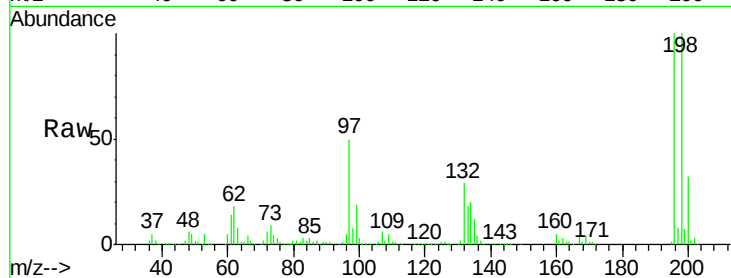




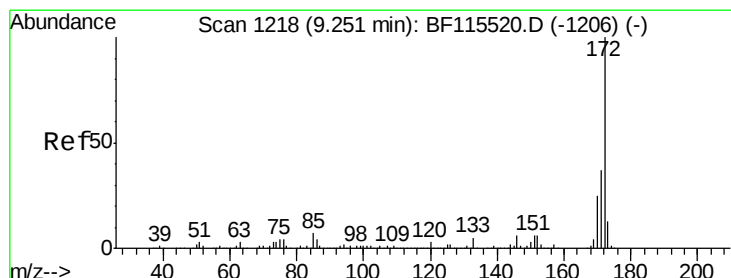
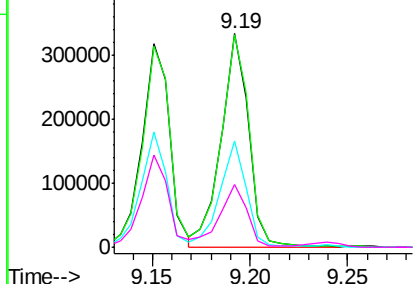
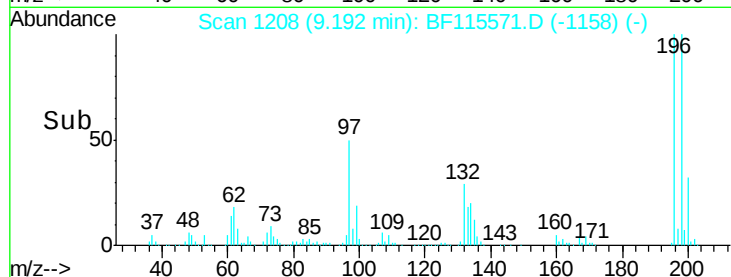
#44
 2,4,5-Trichlorophenol
 Concen: 33.692 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

Instrument :
 BNA_F
 ClientSampled :

Tot 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

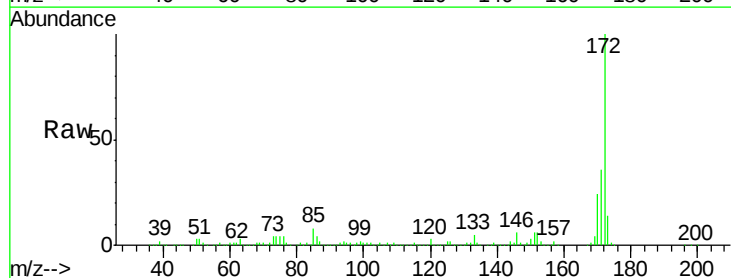


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

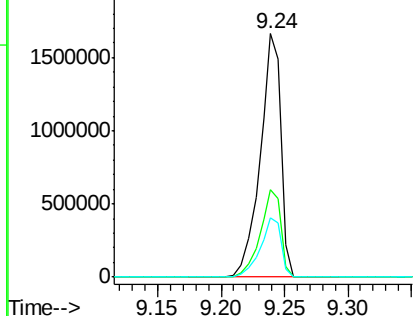
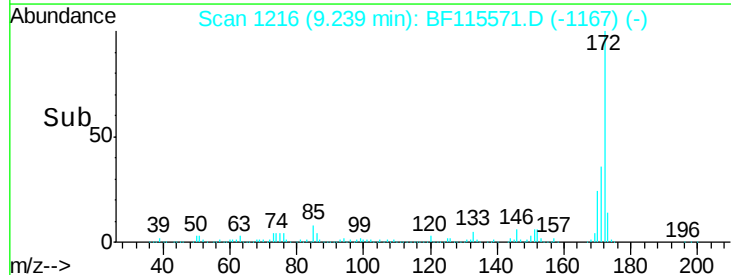


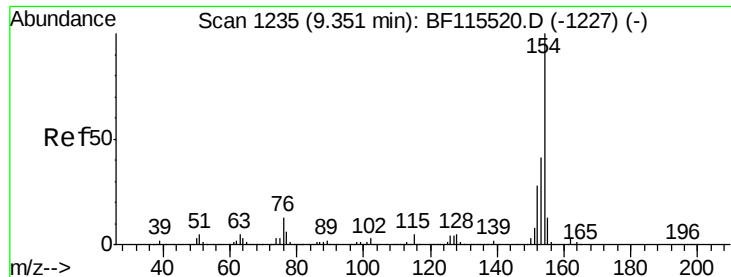
#45
 2-Fluorobiphenyl
 Concen: 77.692 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

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



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

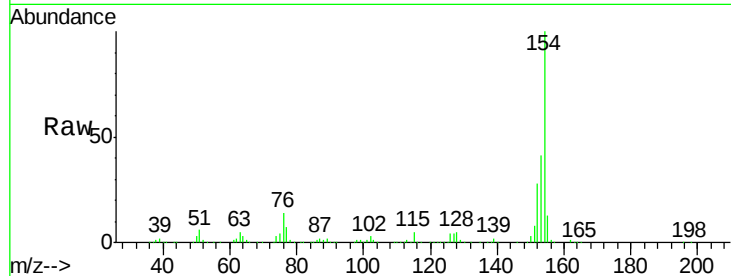




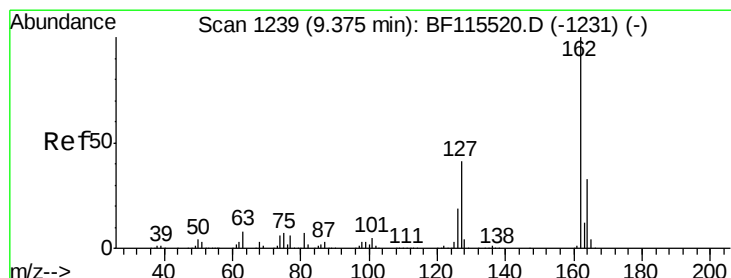
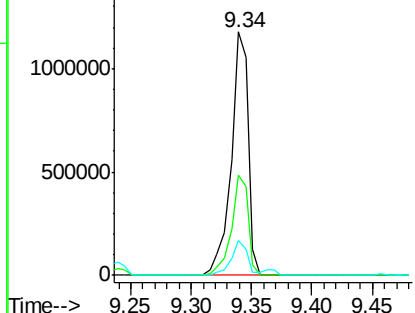
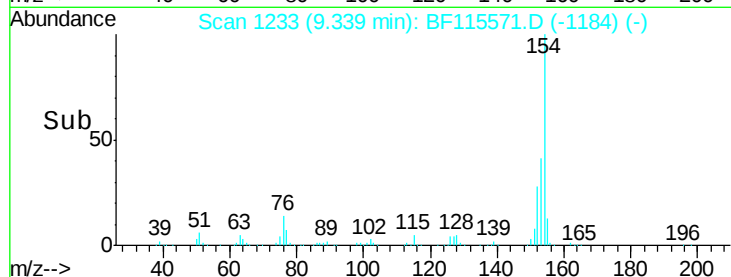
#46
1,1'-Biphenyl
Concen: 34.518 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Instrument :
BNA_F
ClientSampleId :

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

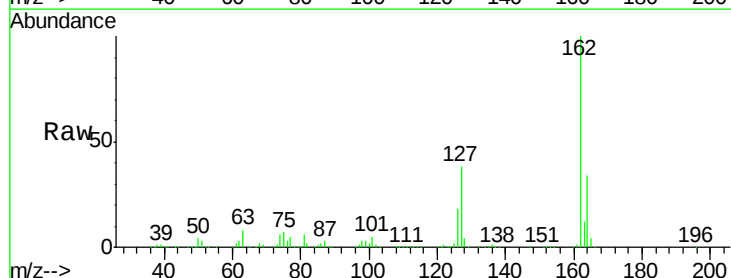


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

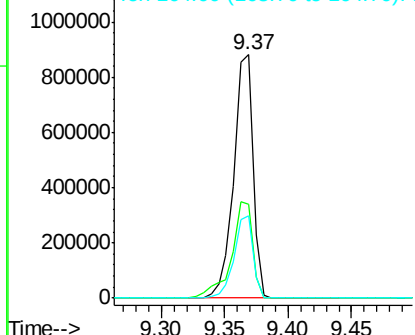
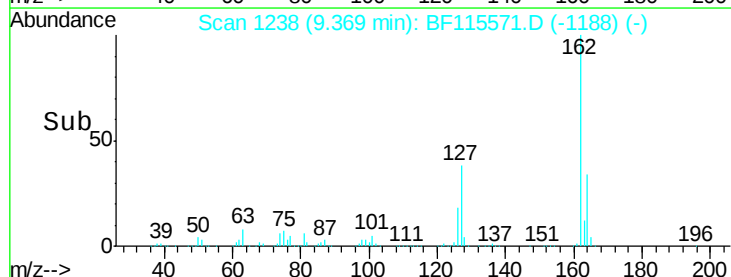


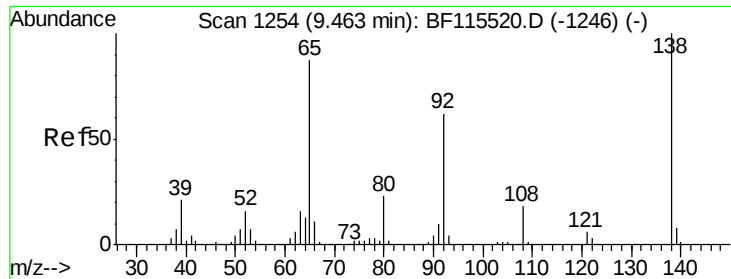
#47
2-Chloronaphthalene
Concen: 33.050 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt Ion:162 Resp: 920006
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

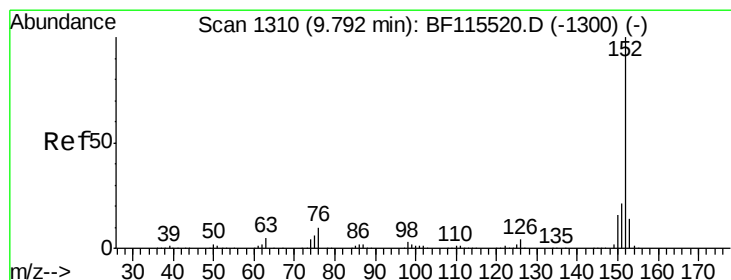
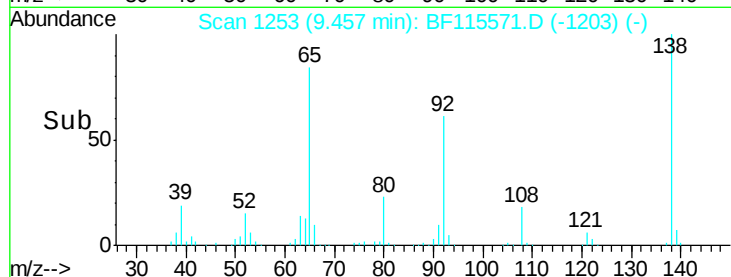
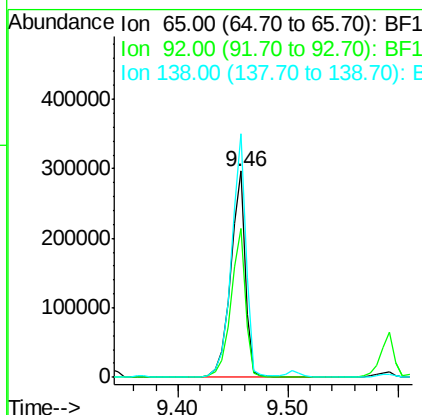
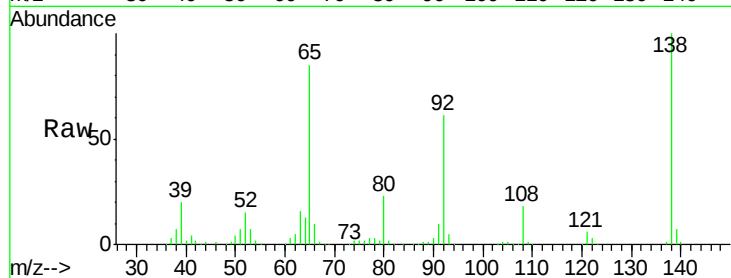




#48
 2-Nitroaniline
 Concen: 32.176 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

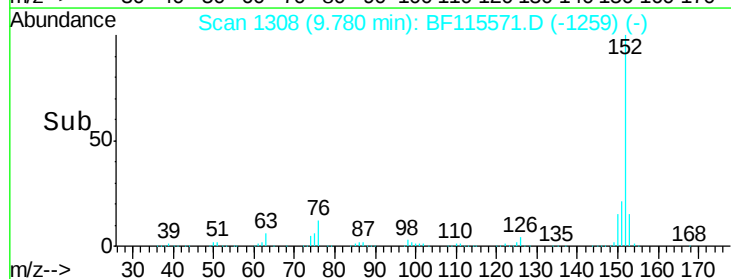
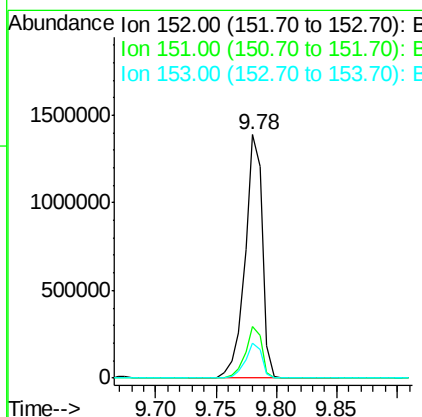
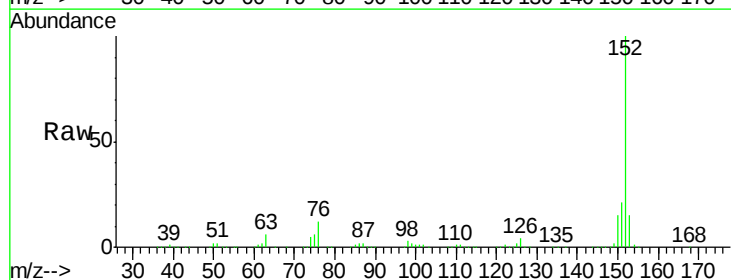
Instrument :
 BNA_F
 ClientSampleId :

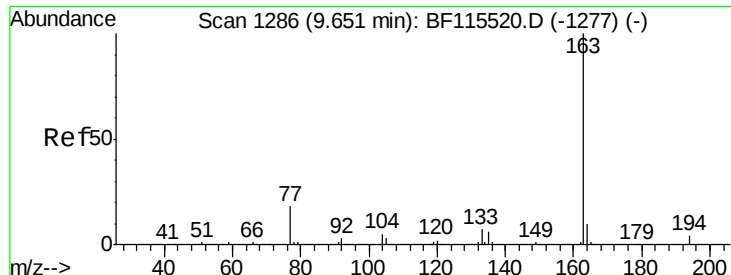
Tot Ion: 65 Resp: 277219
 Ion Ratio Lower Upper
 65 100
 92 72.5 57.8 86.6
 138 118.2 91.2 136.8



#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

Tgt Ion: 152 Resp: 1383078
 Ion Ratio Lower Upper
 152 100
 151 21.2 17.7 26.5
 153 14.6 12.0 18.0

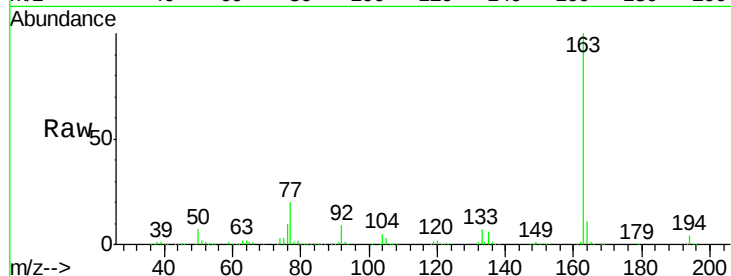




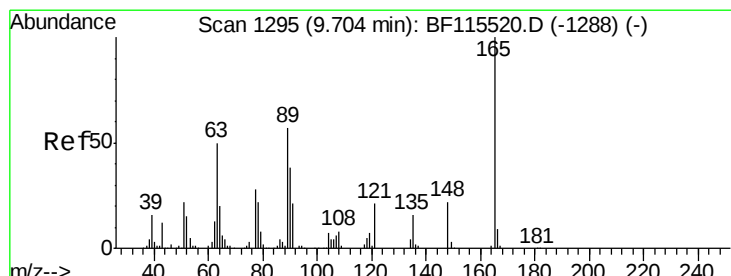
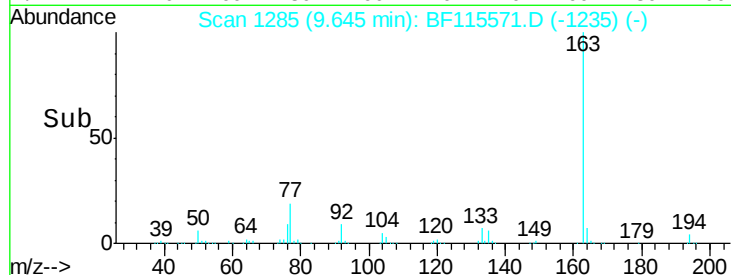
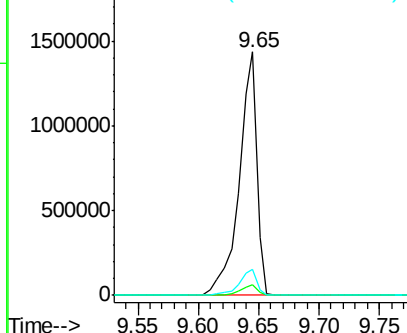
#50
Dimethylphthalate
Concen: 45.593 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1466873
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.5 8.7 13.1

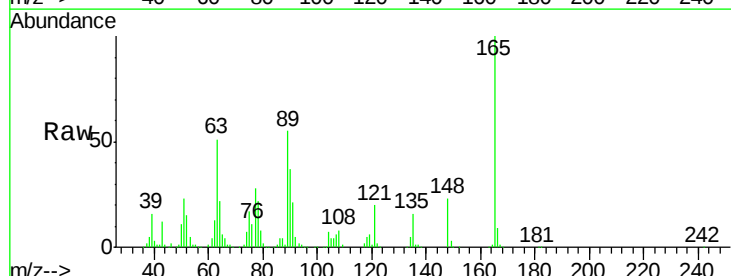


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

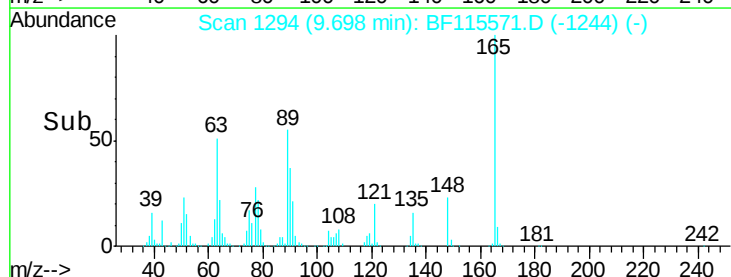
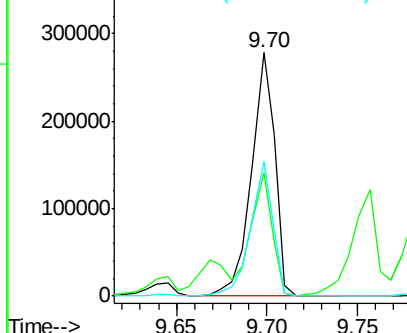


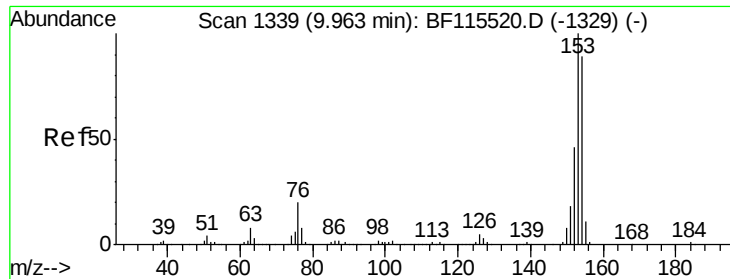
#51
2,6-Dinitrotoluene
Concen: 34.192 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt 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

Instrument :

BNA_F

ClientSampleId :

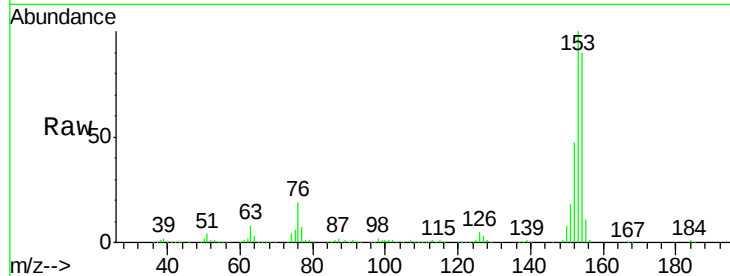
Tot Ion:154 Resp: 923427

Ion Ratio Lower Upper

154 100

153 111.1 88.6 133.0

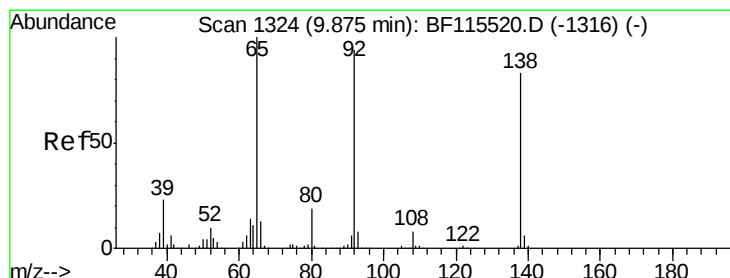
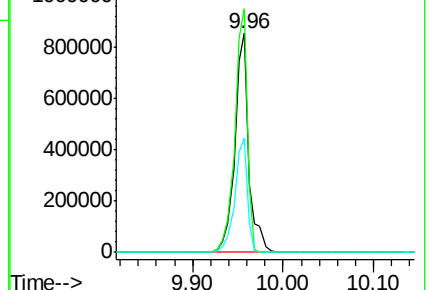
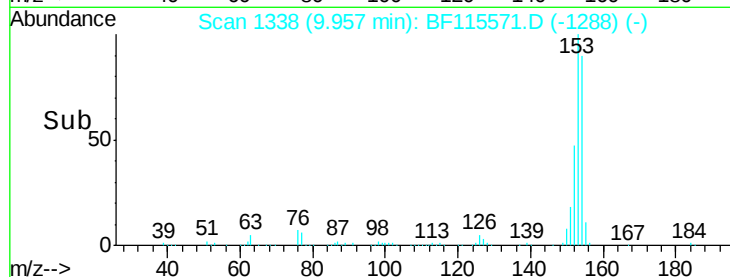
152 52.4 42.3 63.5



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

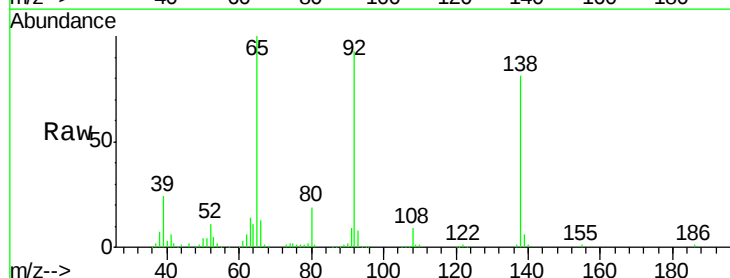
Tgt Ion:138 Resp: 186886

Ion Ratio Lower Upper

138 100

108 10.6 8.4 12.6

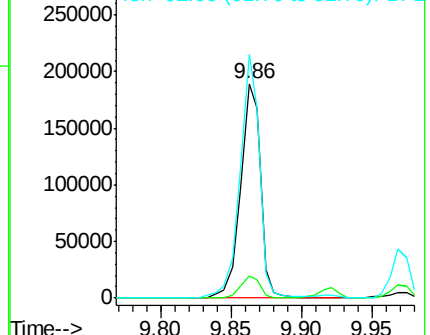
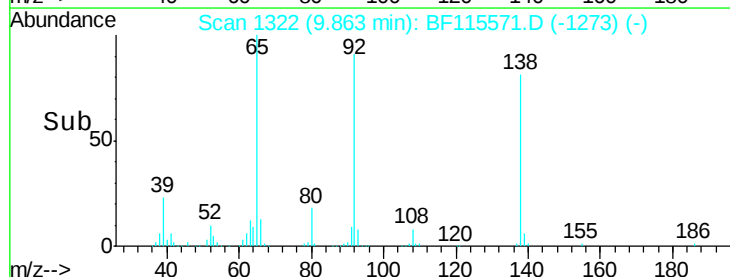
92 113.7 88.0 132.0

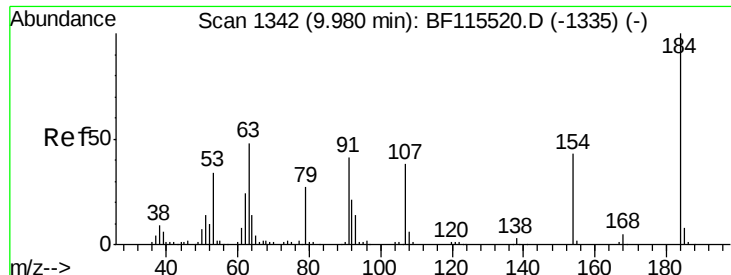


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

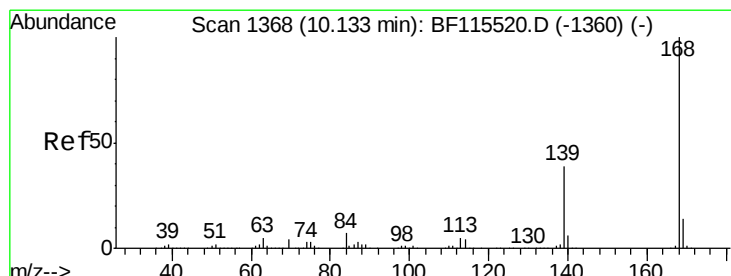
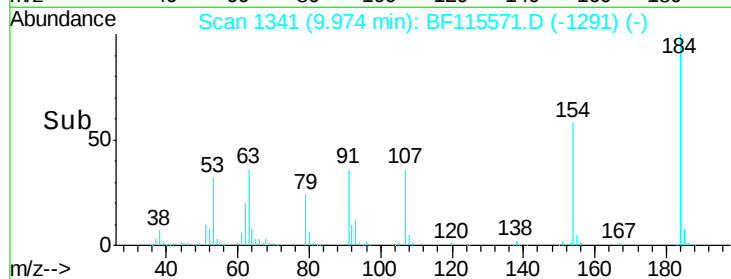
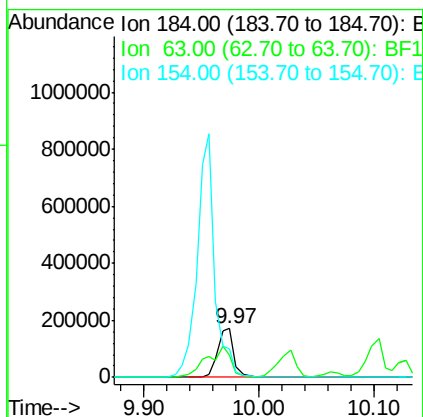
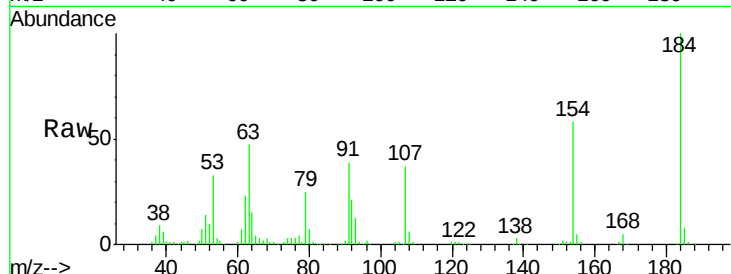




#54
 2,4-Dinitrophenol
 Concen: 44.134 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

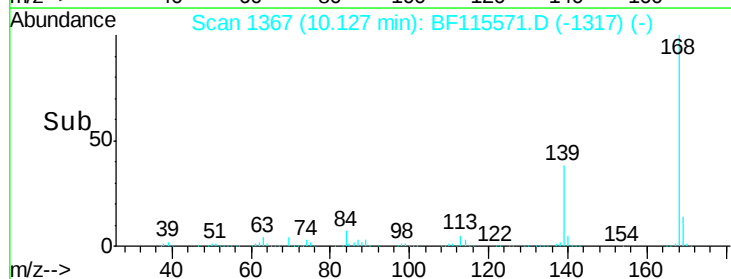
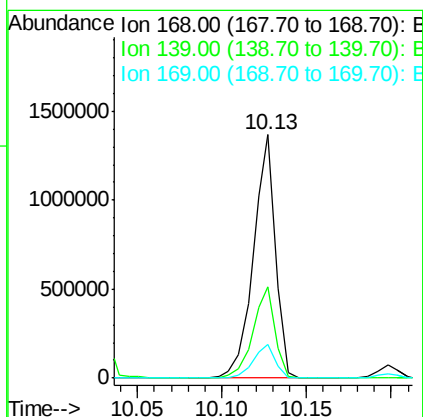
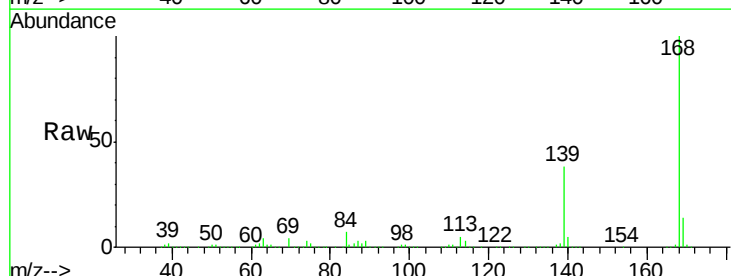
Instrument :
 BNA_F
 ClientSampleId :

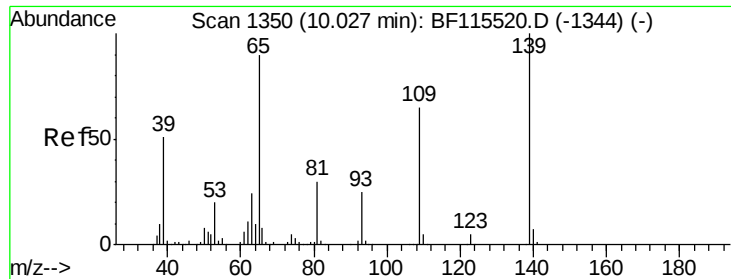
Tot Ion:184 Resp: 165673
 Ion Ratio Lower Upper
 184 100
 63 46.8 48.7 73.1#
 154 58.3 48.6 73.0



#55
 Dibenzofuran
 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

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

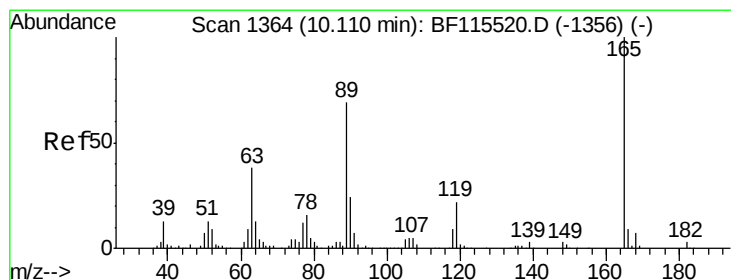
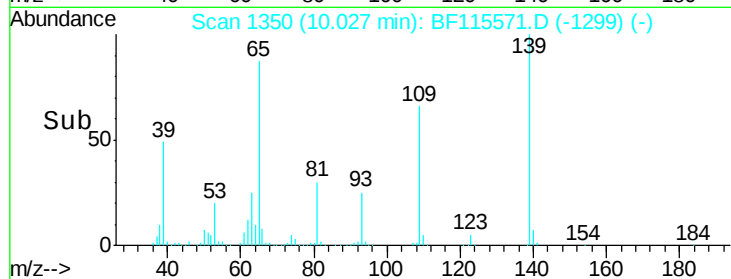
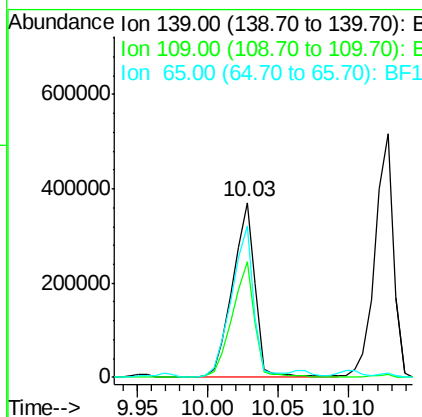
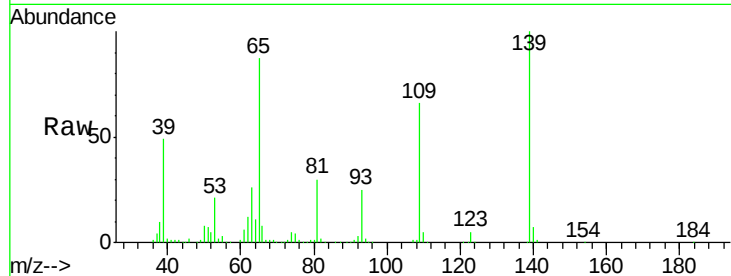




#56
4-Nitrophenol
Concen: 64.939 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

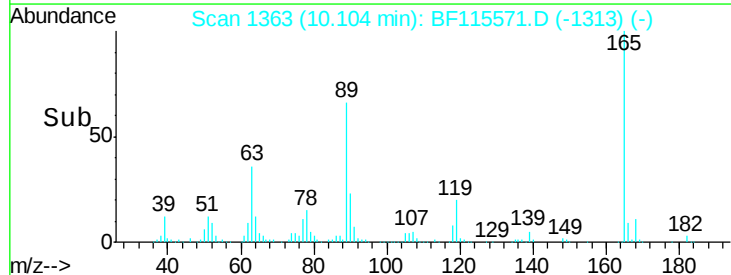
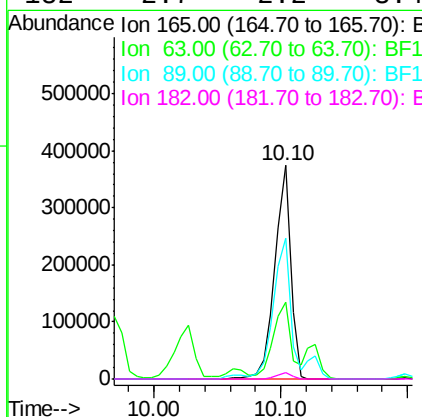
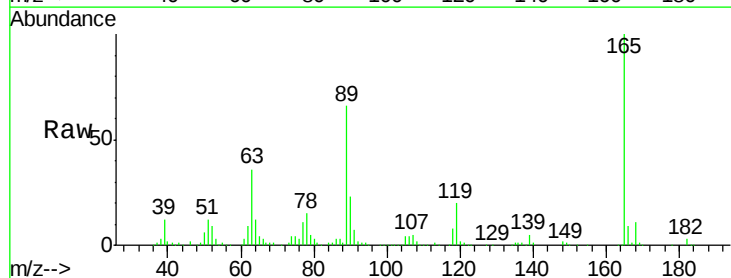
Instrument :
BNA_F
ClientSampleId :

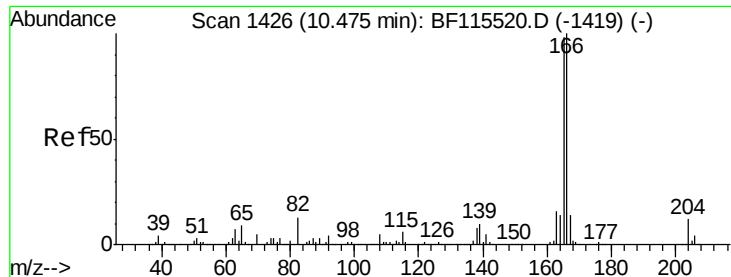
Tot Ion:139 Resp: 413749
Ion Ratio Lower Upper
139 100
109 66.4 46.4 86.4
65 87.0 68.9 108.9



#57
2,4-Dinitrotoluene
Concen: 34.673 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt Ion:165 Resp: 328435
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

Instrument :

BNA_F

ClientSampled :

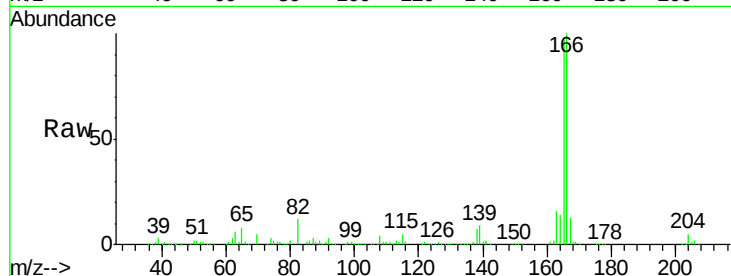
Tot Ion:166 Resp: 924108

Ion Ratio Lower Upper

166 100

165 97.1 79.8 119.6

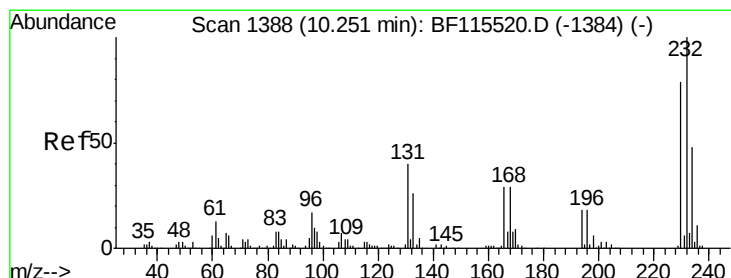
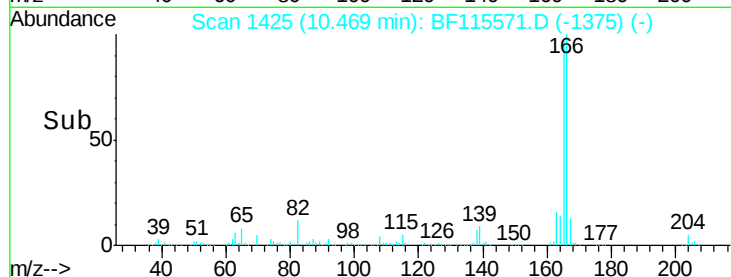
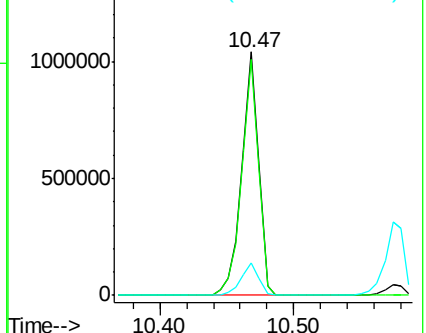
167 13.4 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 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

Tgt Ion:232 Resp: 277912

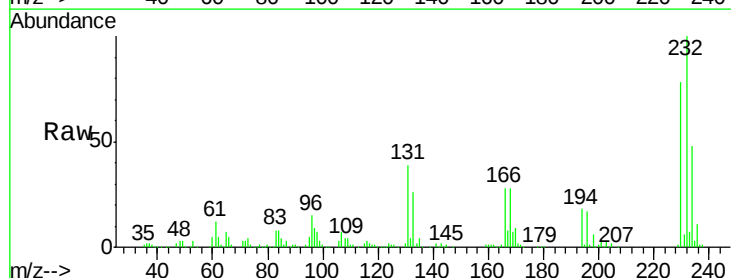
Ion Ratio Lower Upper

232 100

131 43.7 35.9 53.9

130 2.2 1.8 2.6

166 31.0 24.8 37.2

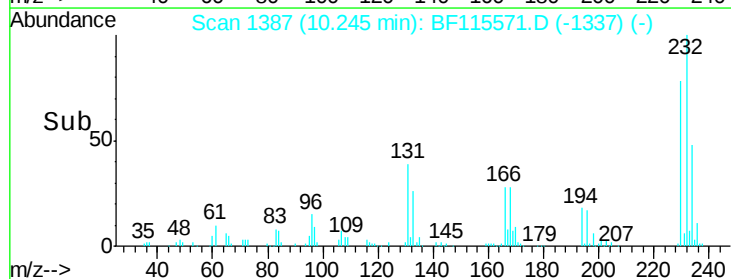
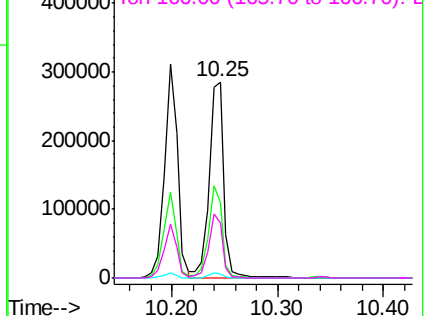


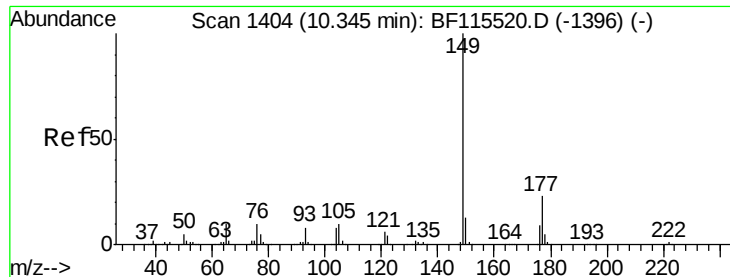
Abundance Ion 232.00 (231.70 to 232.70): E

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

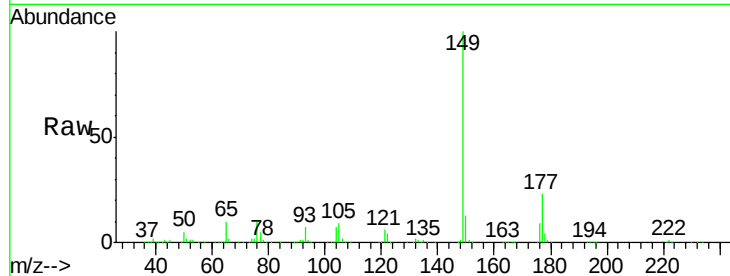




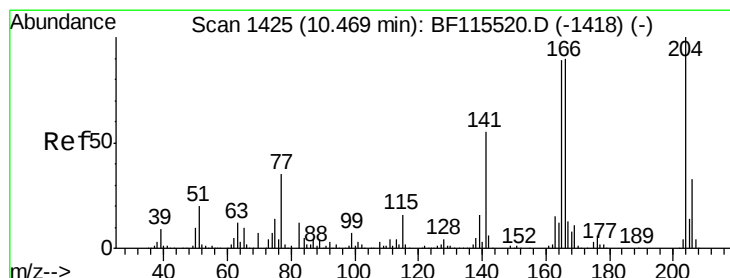
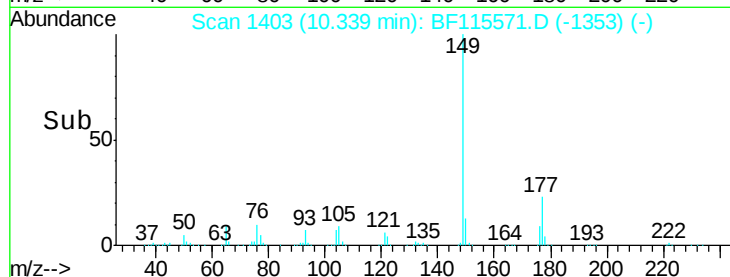
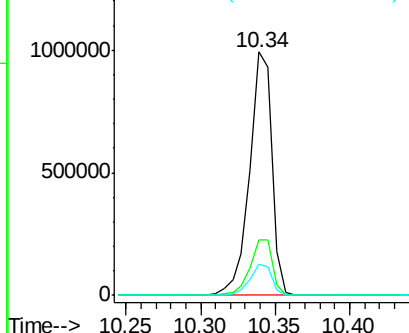
#60
Diethylphthalate
Concen: 33.798 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1018837
Ion Ratio Lower Upper
149 100
177 22.9 19.5 29.3
150 12.8 10.4 15.6

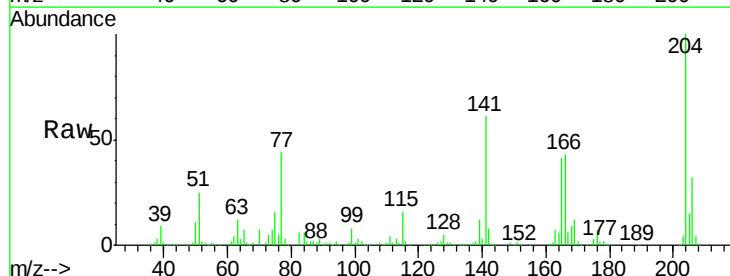


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

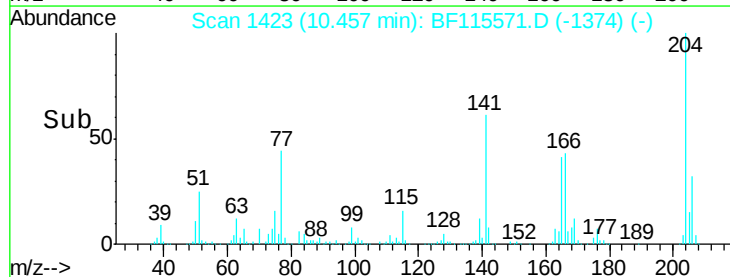
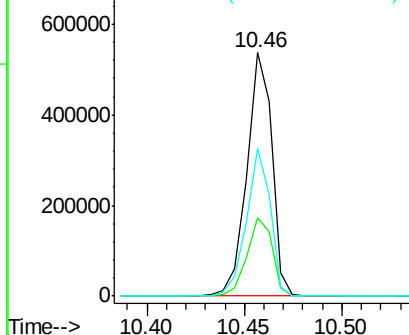


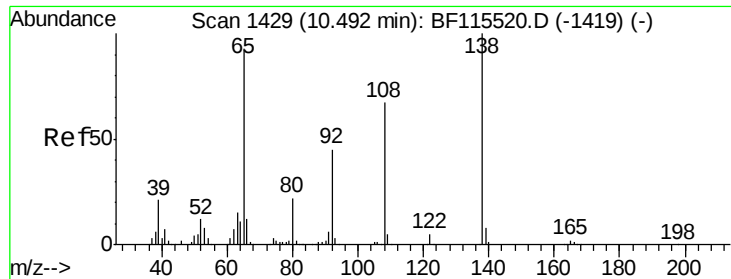
#61
4-Chlorophenyl-phenylether
Concen: 31.745 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt 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

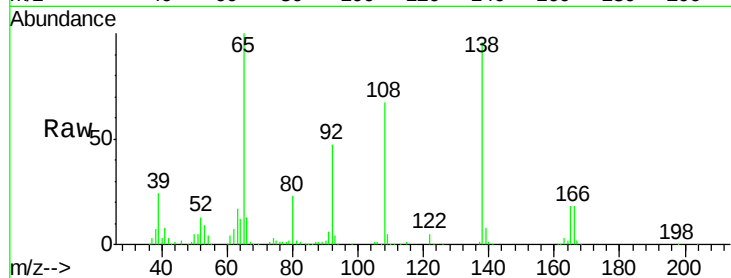




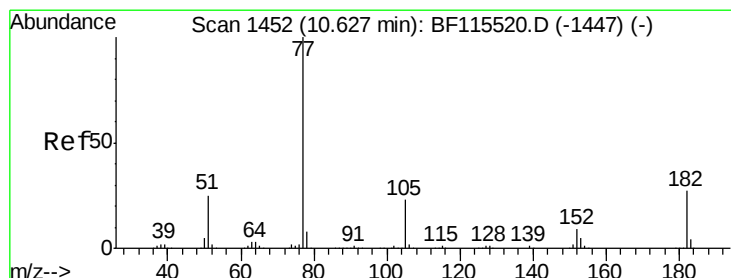
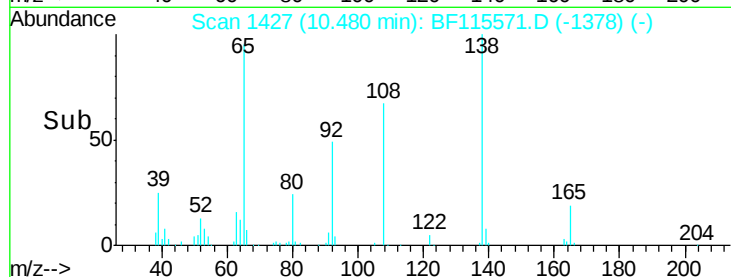
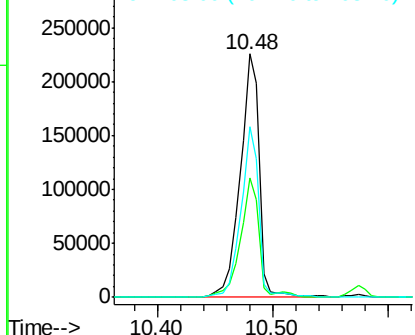
#62
4-Nitroaniline
Concen: 32.238 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 258369
Ion Ratio Lower Upper
138 100
92 48.9 27.1 67.1
108 70.2 48.0 88.0

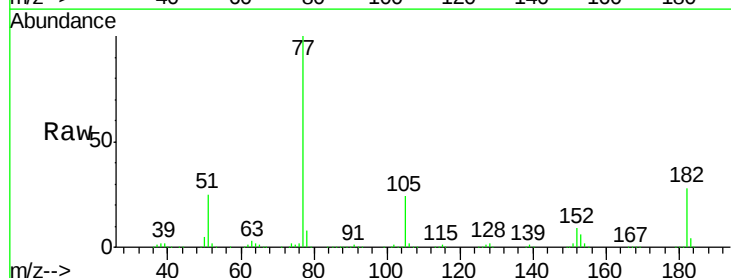


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

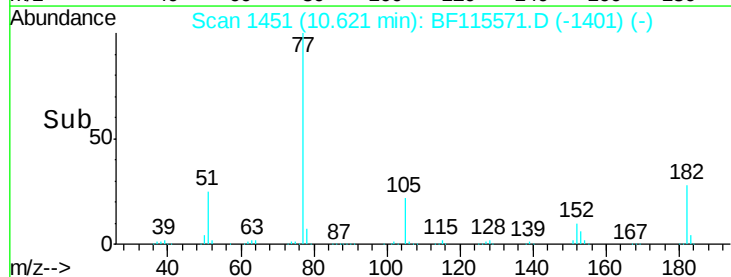
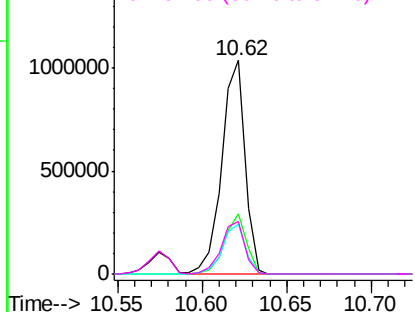


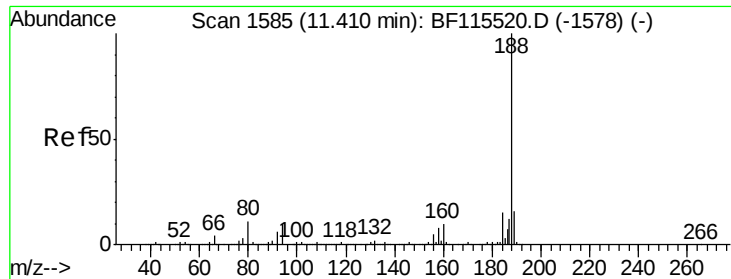
#63
Azobenzene
Concen: 33.848 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Tgt Ion: 77 Resp: 989688
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

Instrument :

BNA_F

ClientSampleId :

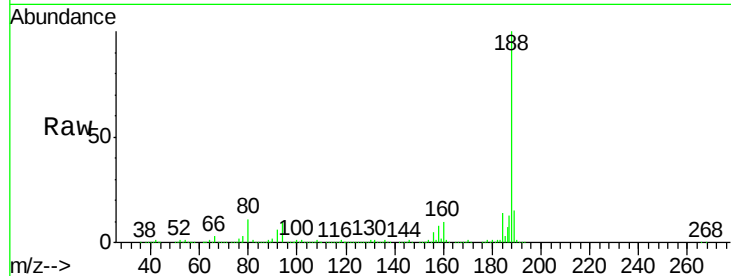
Tot Ion:188 Resp: 823221

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

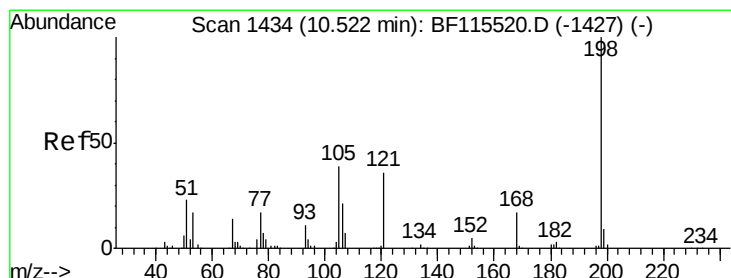
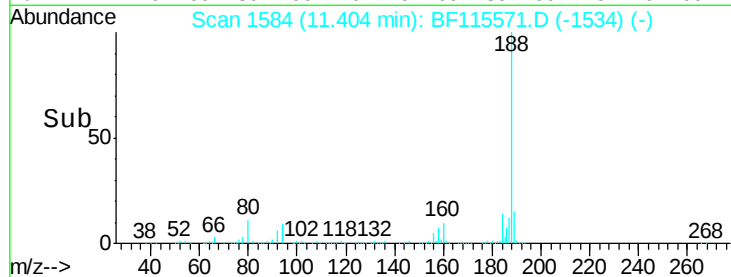
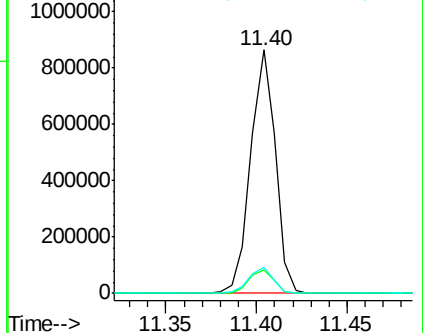
80 10.9 8.6 13.0



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

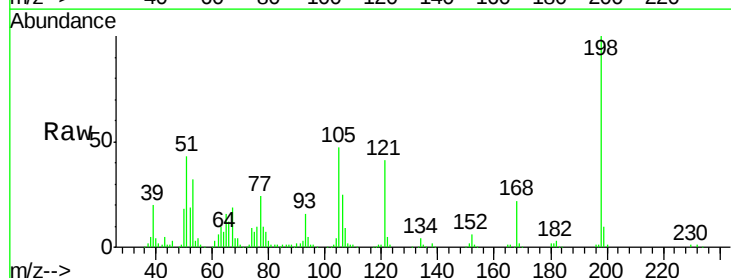
Tgt Ion:198 Resp: 161728

Ion Ratio Lower Upper

198 100

51 42.8 19.1 59.1

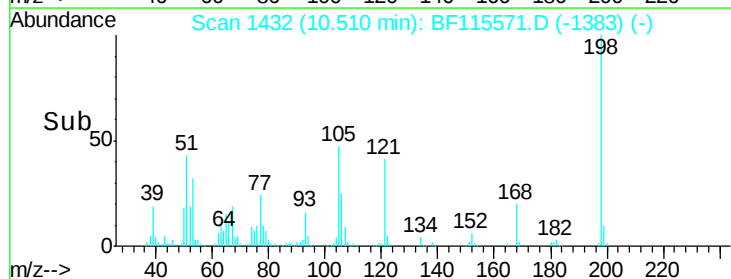
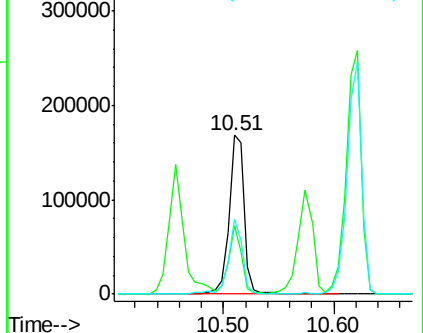
105 46.8 23.6 63.6

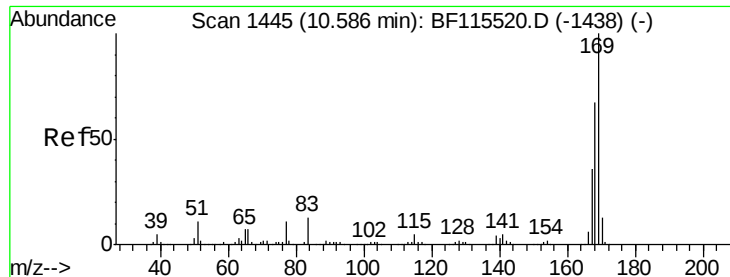


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

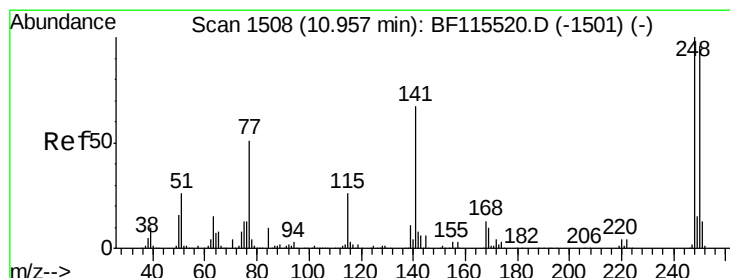
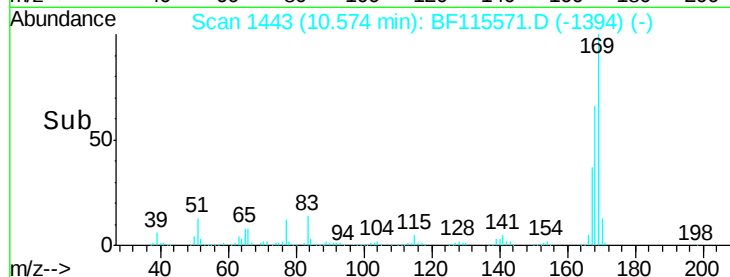
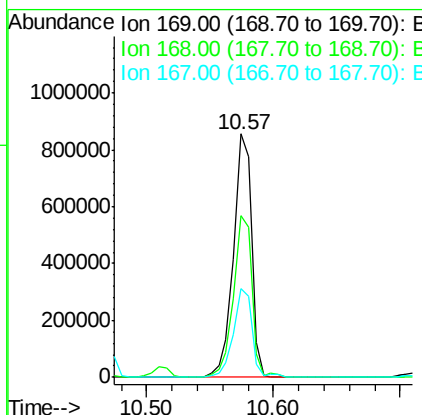
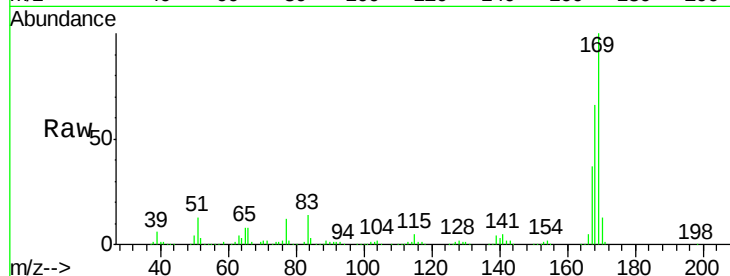




#66
 n-Nitrosodiphenylamine
 Concen: 32.777 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

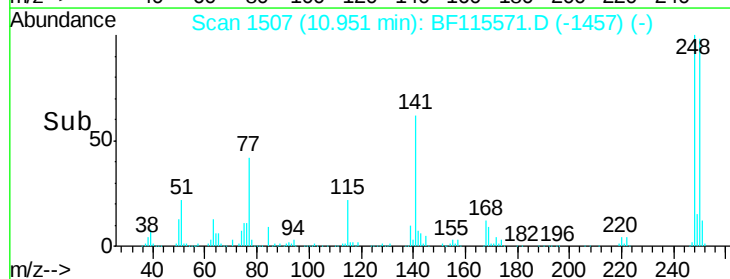
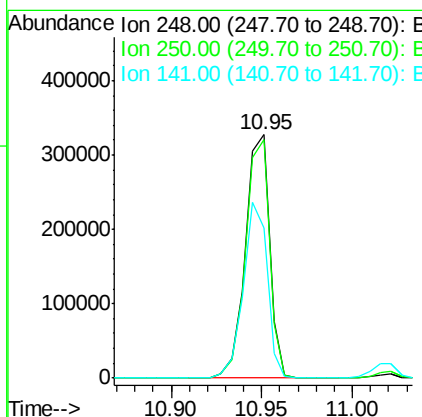
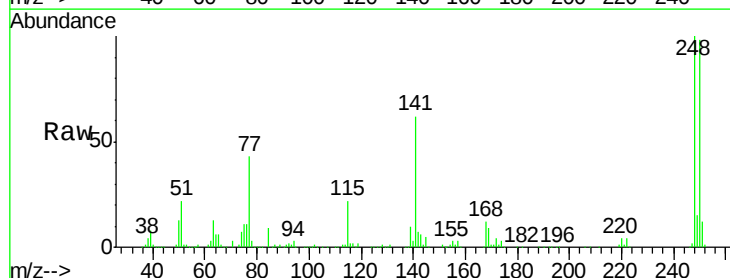
Instrument :
 BNA_F
 ClientSampled :

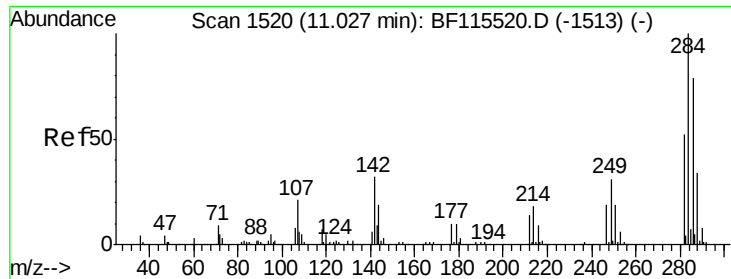
Tot Ion:169 Resp: 839329
 Ion Ratio Lower Upper
 169 100
 168 66.4 54.3 81.5
 167 36.5 30.2 45.2



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

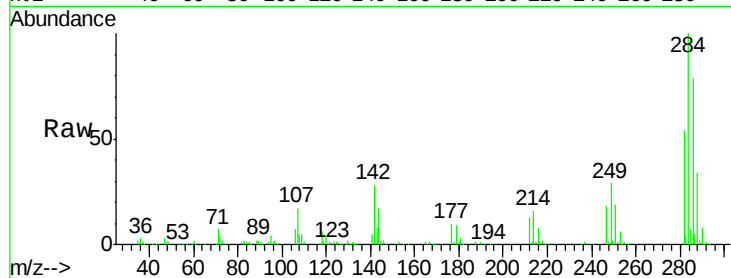
Tot Ion:284 Resp: 343195

Ion Ratio Lower Upper

284 100

142 28.3 22.2 33.2

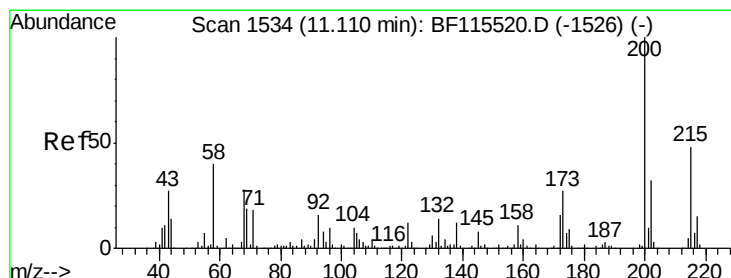
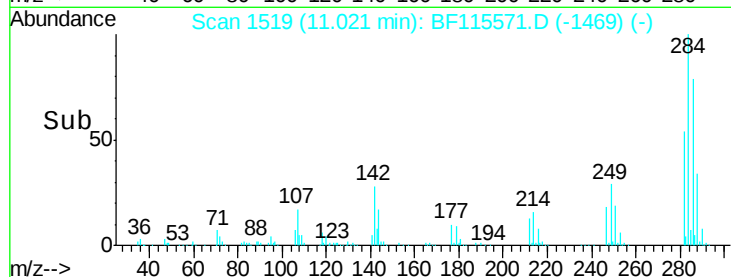
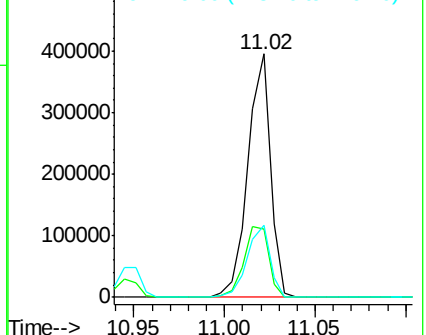
249 29.4 23.4 35.2



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

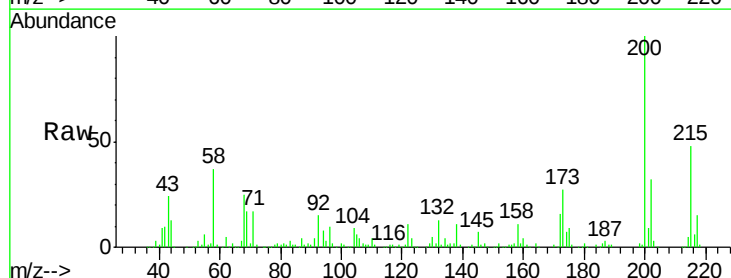
Tgt Ion:200 Resp: 280847

Ion Ratio Lower Upper

200 100

173 26.9 6.9 46.9

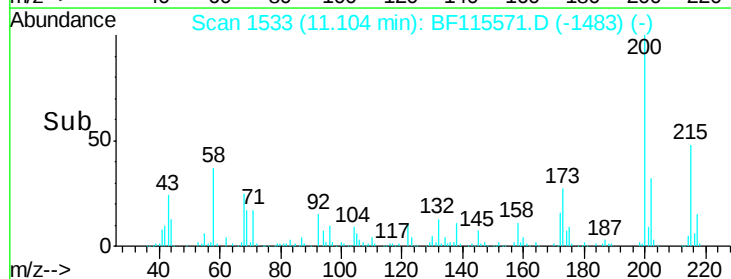
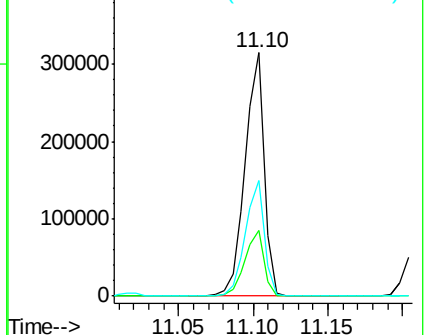
215 47.7 27.9 67.9

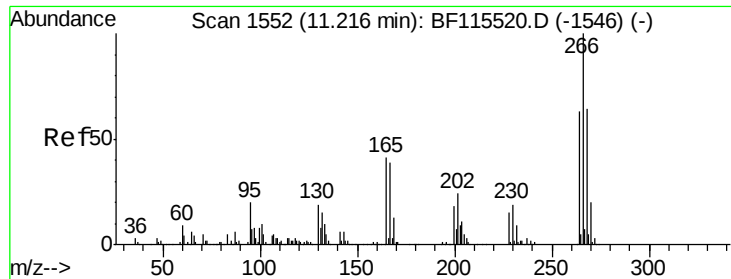


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

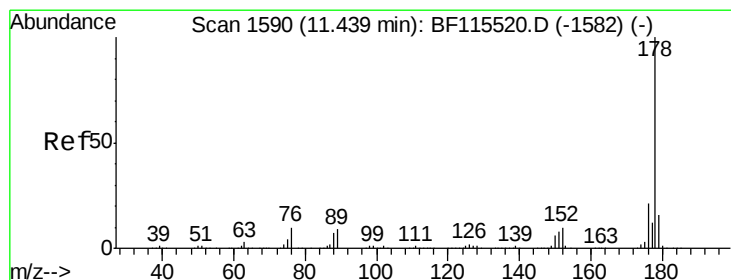
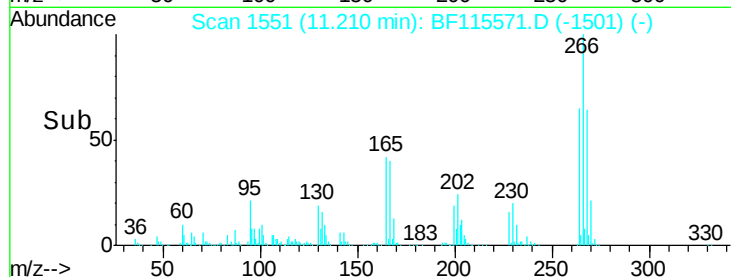
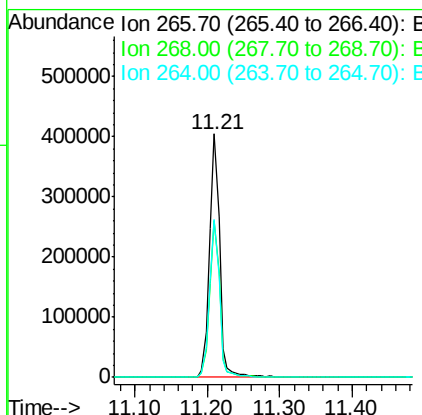
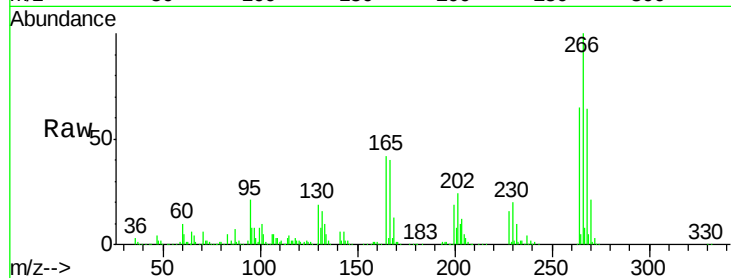




#70
 Pentachlorophenol
 Concen: 60.441 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

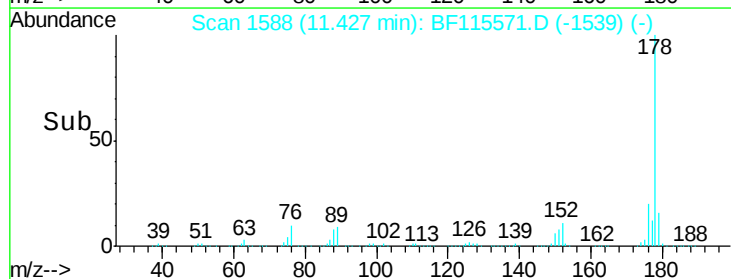
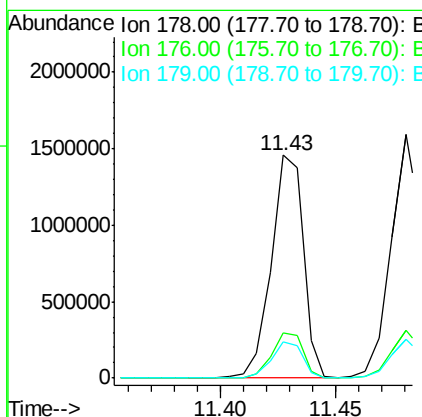
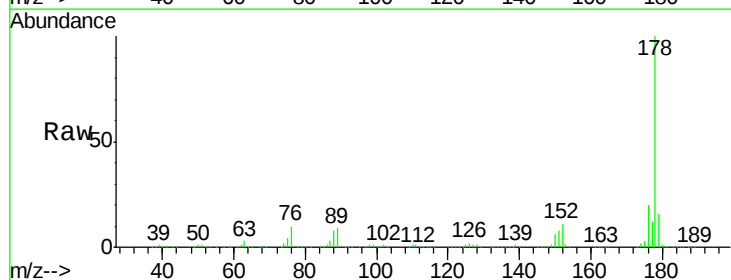
Instrument :
 BNA_F
 ClientSampled :

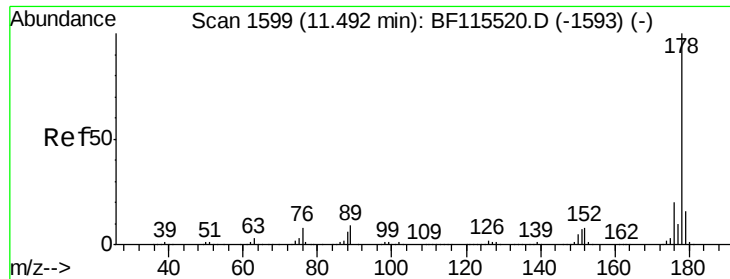
Tot Ion:266 Resp: 397148
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.6 77.4
 264 65.0 50.6 76.0



#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

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

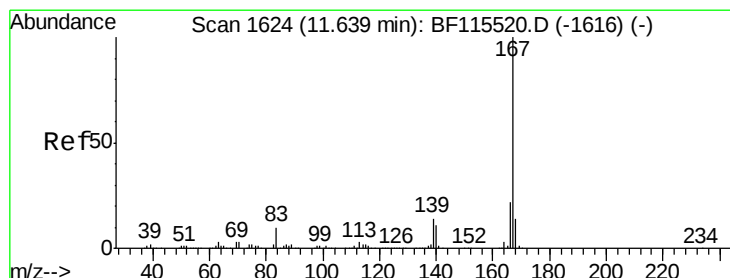
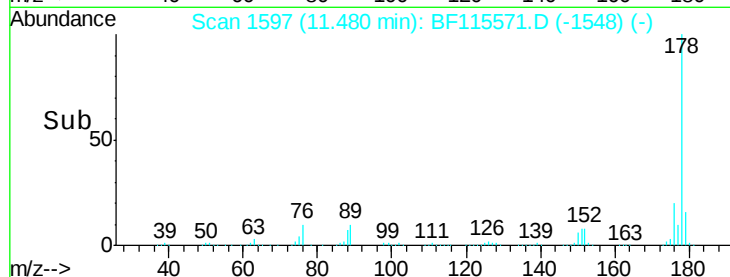
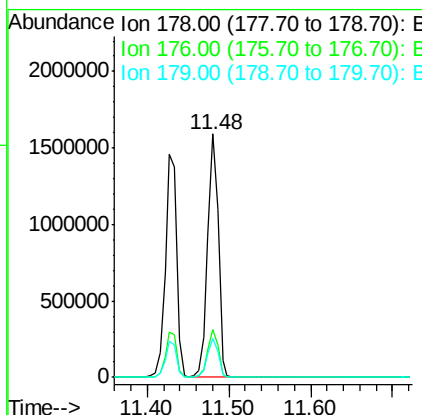
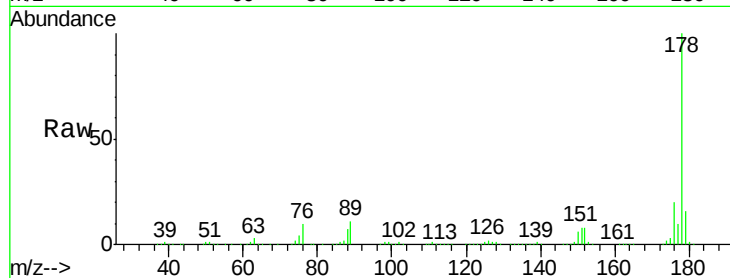




#72
 Anthracene
 Concen: 33.082 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF115571.D
 Acq: 15 Jul 2019 21:53

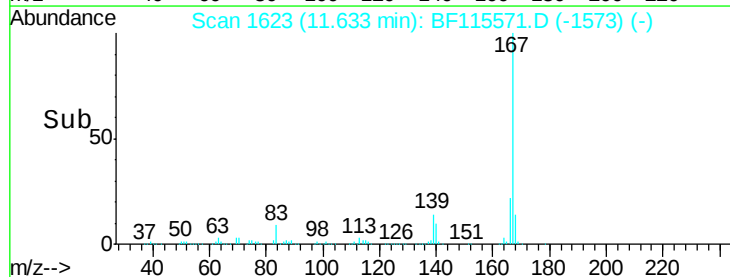
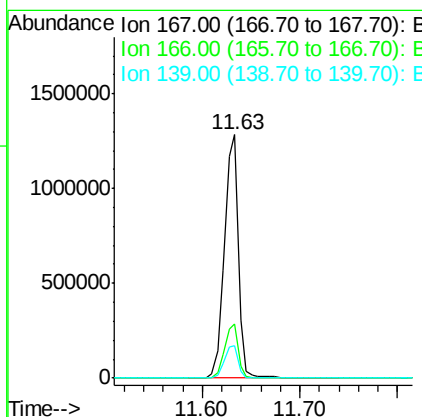
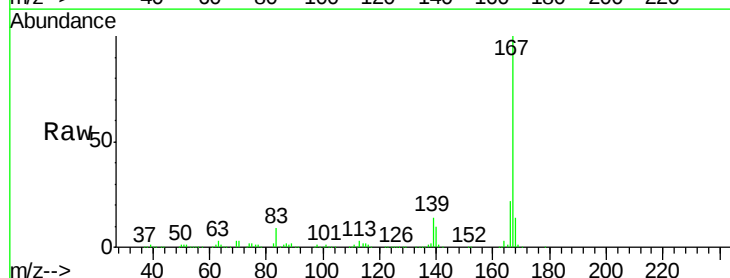
Instrument :
 BNA_F
 ClientSampleId :

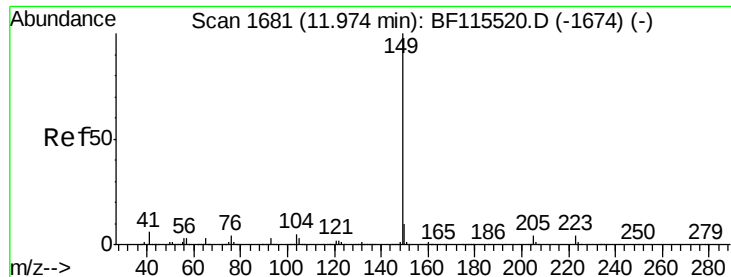
Tot Ion:178 Resp: 1442692
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 16.0 12.7 19.1



#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

Tgt Ion:167 Resp: 1277349
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.6 11.3 16.9





#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

Instrument :

BNA_F

ClientSampleId :

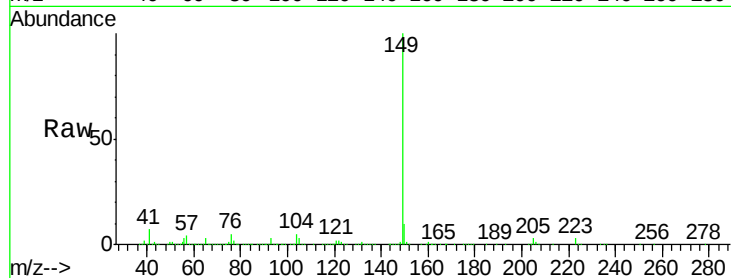
Tot Ion:149 Resp: 1520848

Ion Ratio Lower Upper

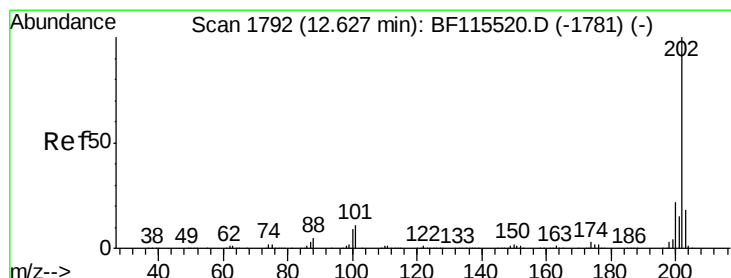
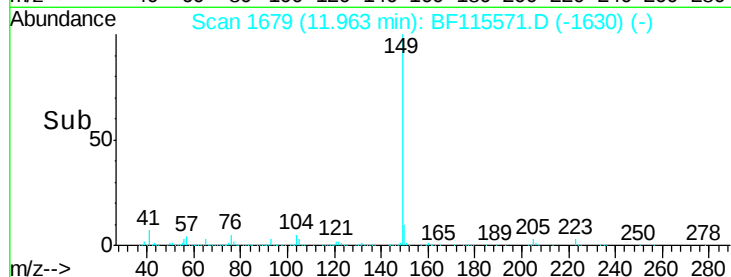
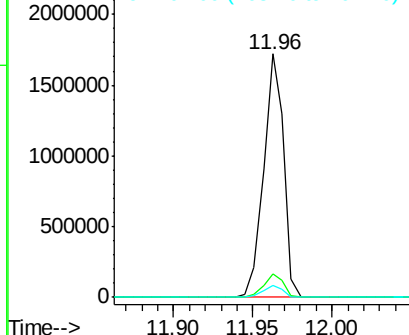
149 100

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

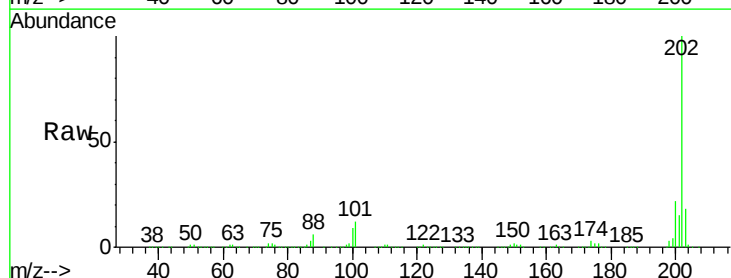
Tgt Ion:202 Resp: 1457080

Ion Ratio Lower Upper

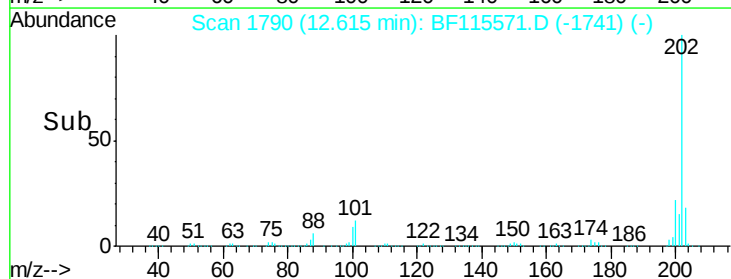
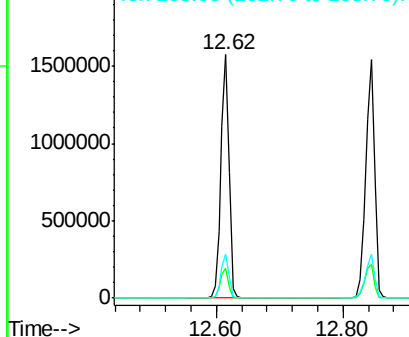
202 100

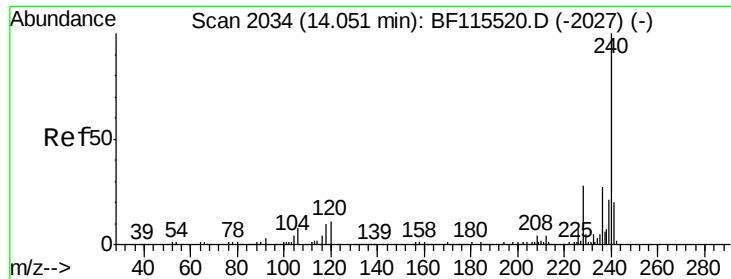
101 12.3 0.0 31.4

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

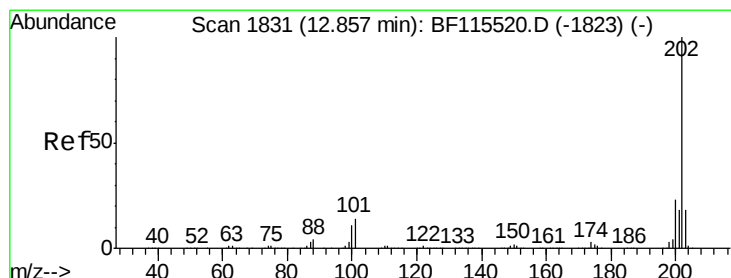
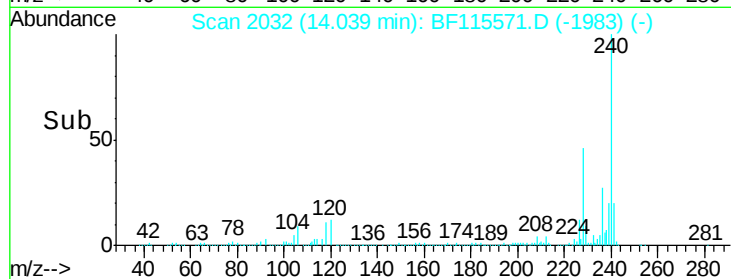
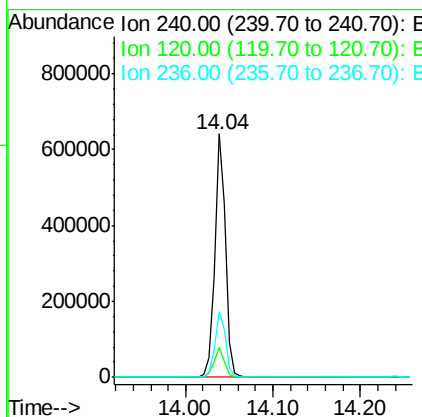
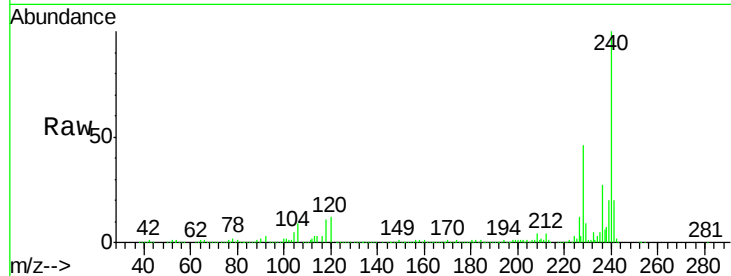




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

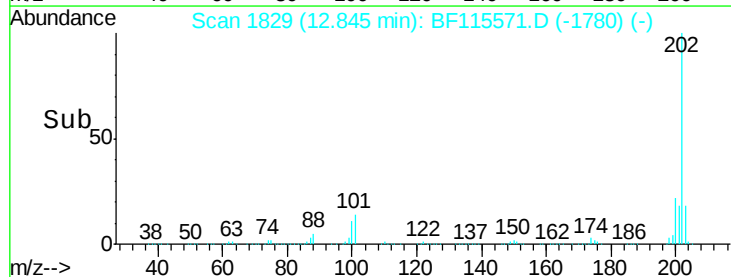
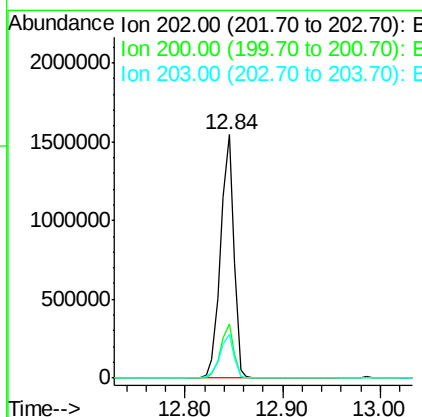
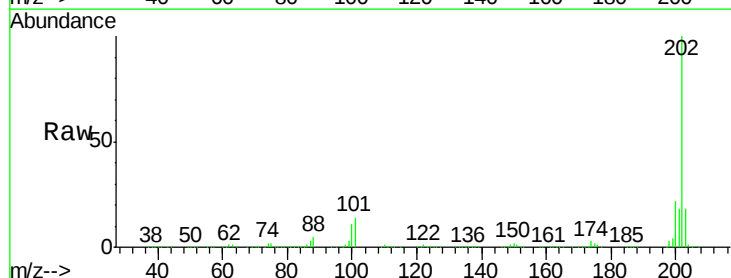
Instrument :
BNA_F
ClientSampleId :

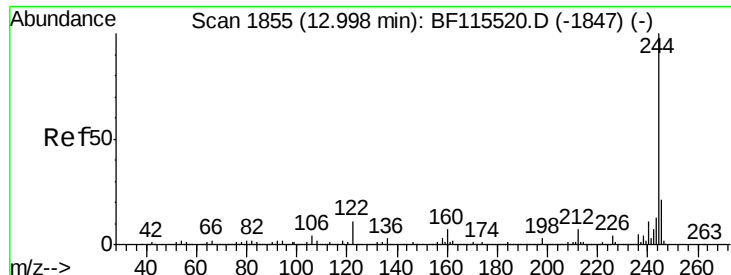
Tot Ion:240 Resp: 544579
Ion Ratio Lower Upper
240 100
120 12.0 8.6 13.0
236 27.0 21.3 31.9



#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





#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

ClientSampled :

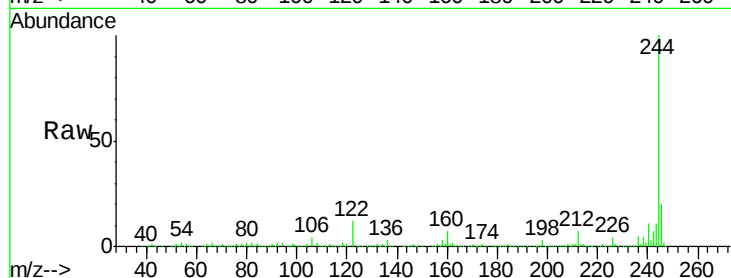
Tot Ion:244 Resp: 1964994

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

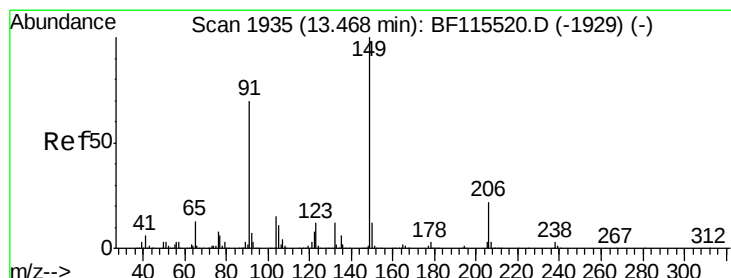
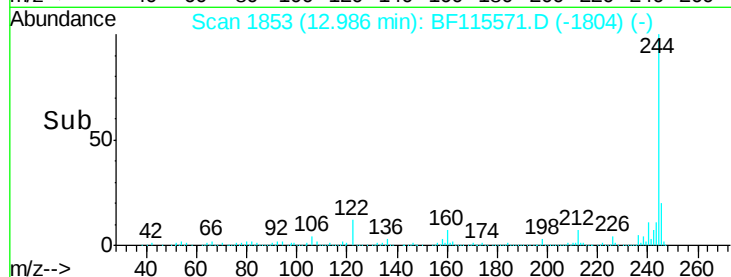
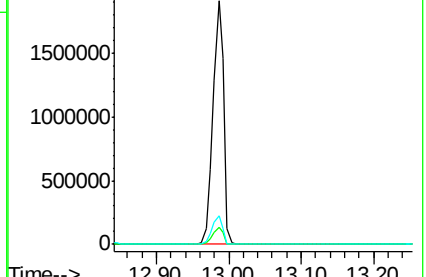
122 11.7 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 31.806 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

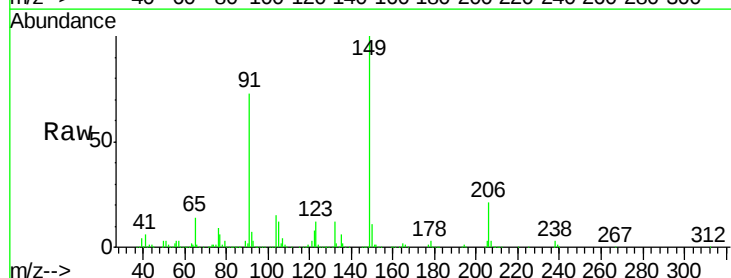
Tgt Ion:149 Resp: 625584

Ion Ratio Lower Upper

149 100

91 73.5 55.8 83.8

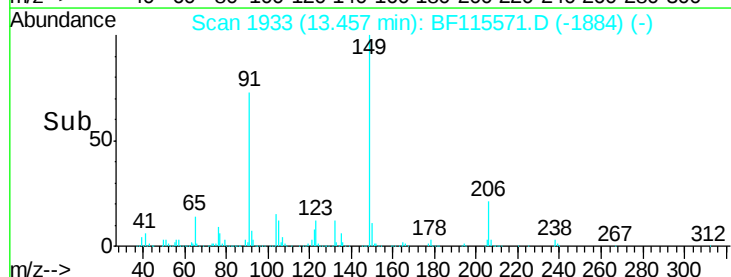
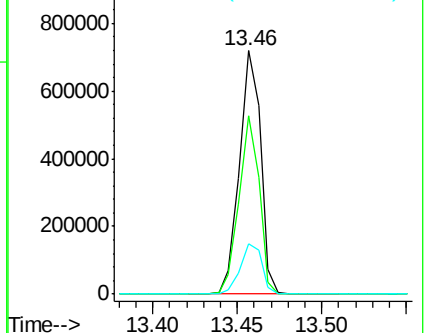
206 20.7 18.2 27.2

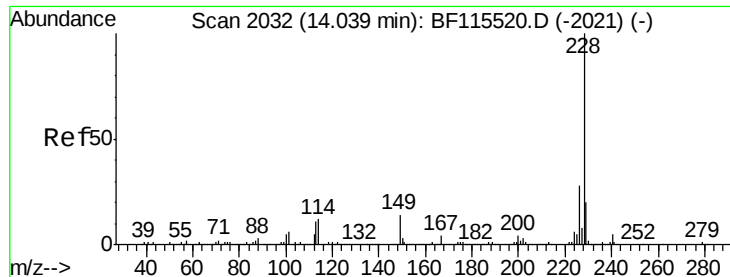


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 31.671 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 :

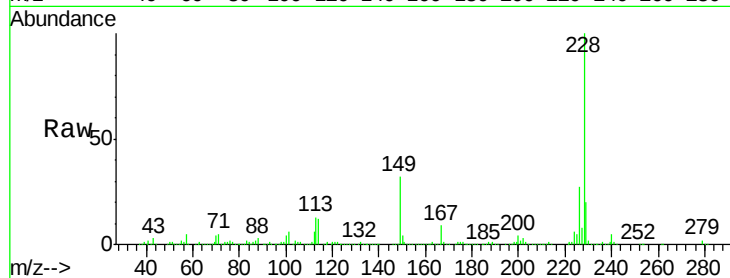
Tot Ion:228 Resp: 1136254

Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.4	35.0
229	19.8	17.2	25.8

228 100

226 27.3 23.4 35.0

229 19.8 17.2 25.8

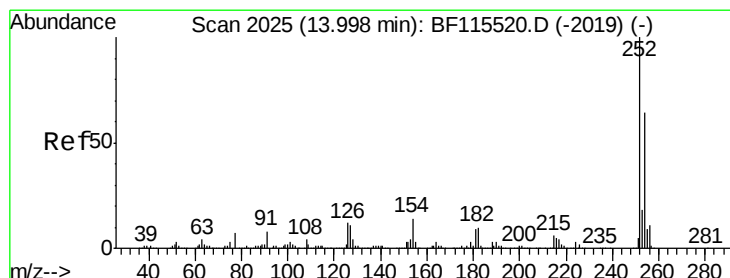
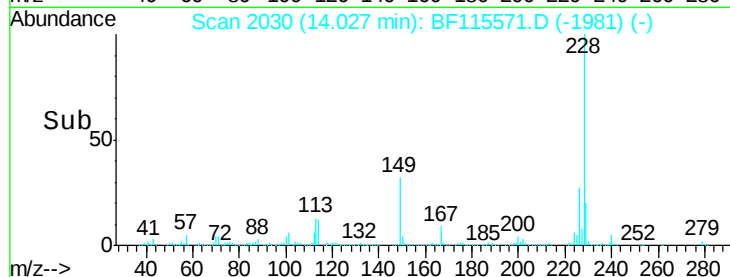
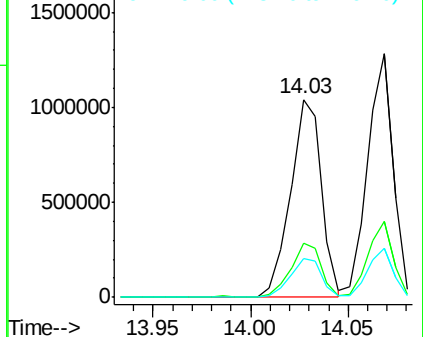


Abundance

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

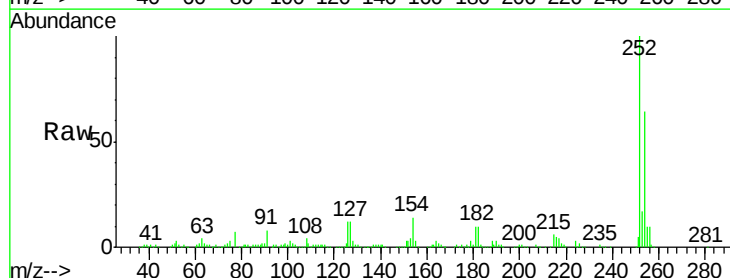
Tgt Ion:252 Resp: 291696

Ion	Ratio	Lower	Upper
252	100		
254	63.6	52.9	79.3
126	12.3	9.9	14.9

252 100

254 63.6 52.9 79.3

126 12.3 9.9 14.9

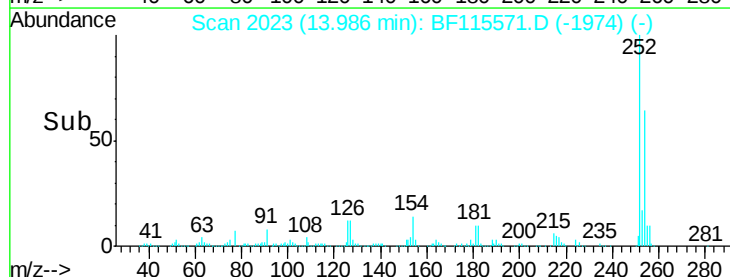
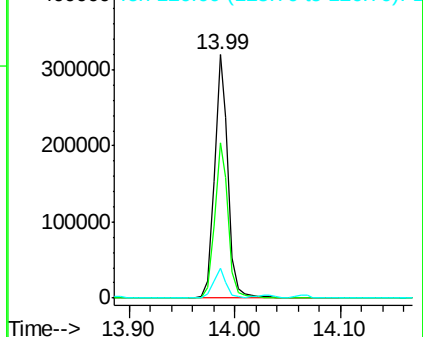


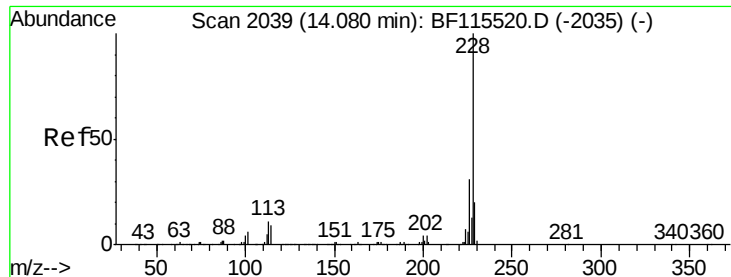
Abundance

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

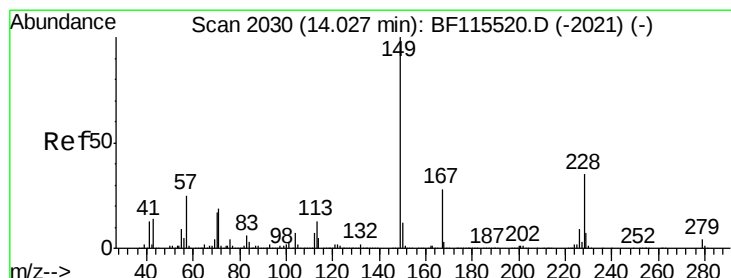
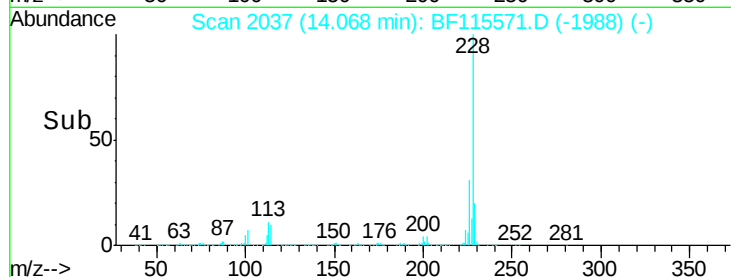
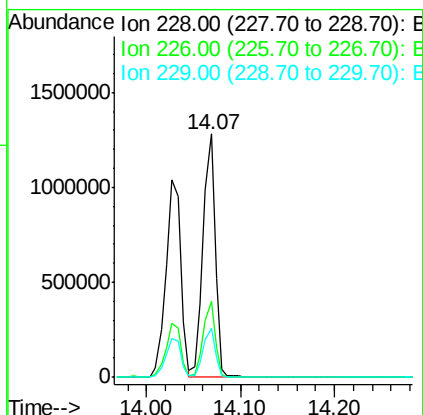
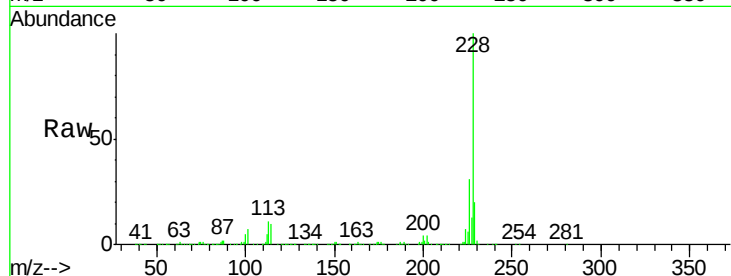




#83
Chrysene
Concen: 32.551 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

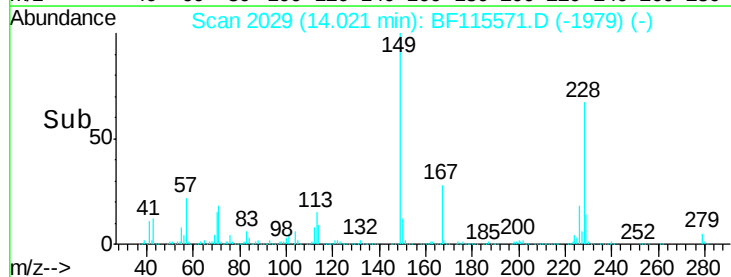
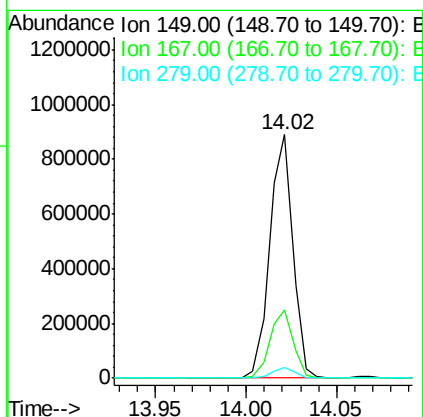
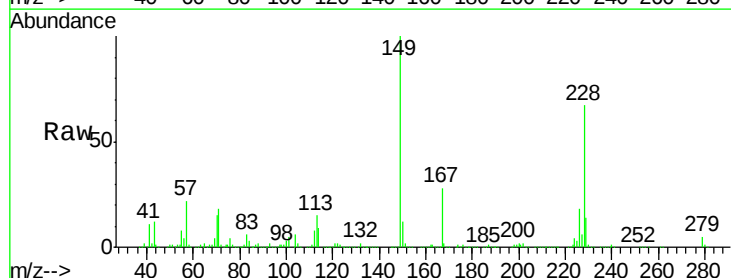
Instrument :
BNA_F
ClientSampleId :

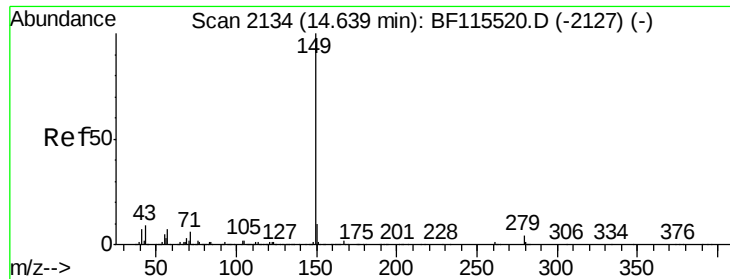
Tot Ion:228 Resp: 1172338
Ion Ratio Lower Upper
228 100
226 31.0 25.7 38.5
229 20.3 16.6 25.0



#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





#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 :

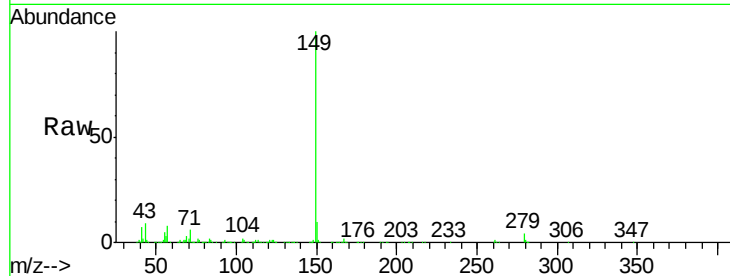
Tot Ion:149 Resp: 1330090

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

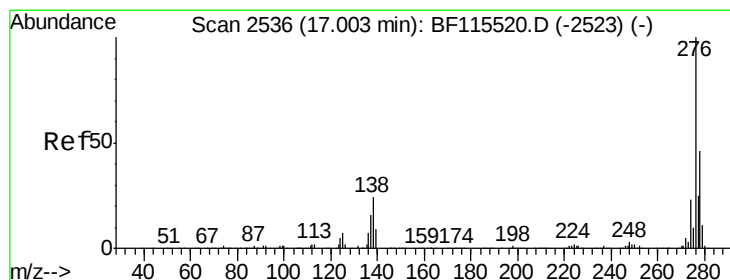
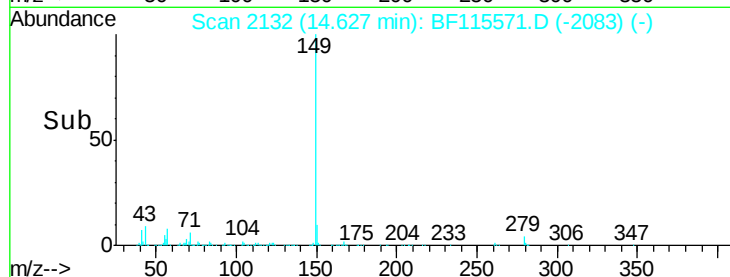
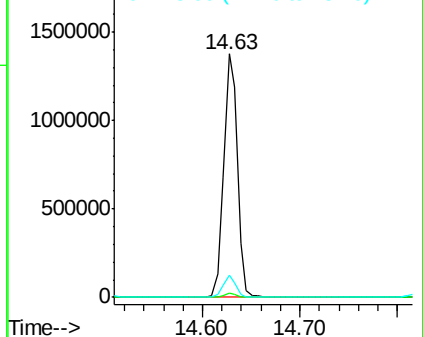
43 8.2 7.2 10.8



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

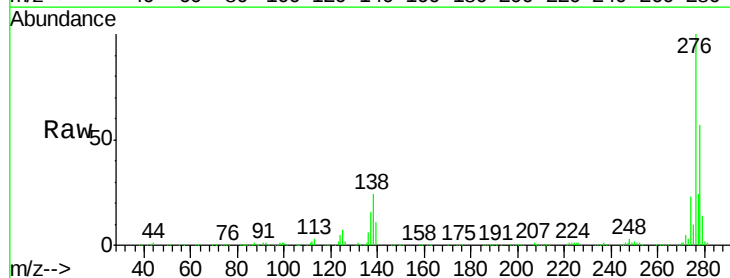
Tgt Ion:276 Resp: 978065

Ion Ratio Lower Upper

276 100

138 25.9 20.2 30.2

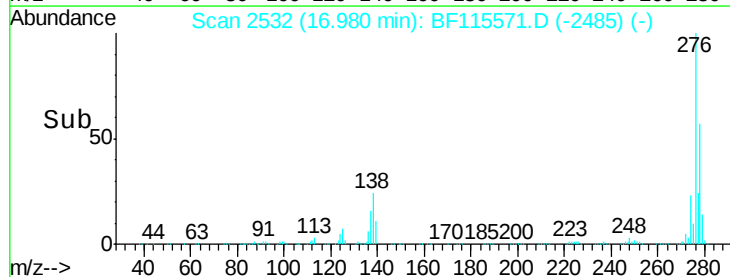
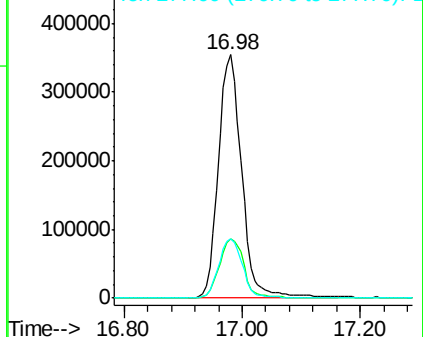
277 25.1 20.4 30.6

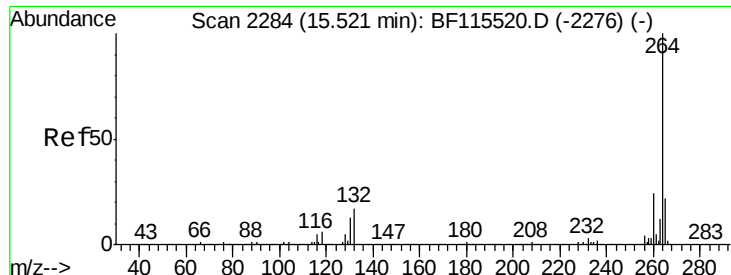


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

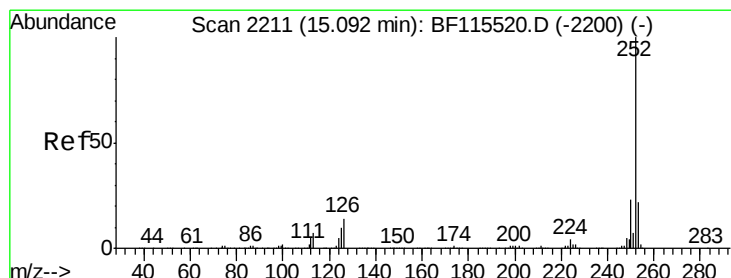
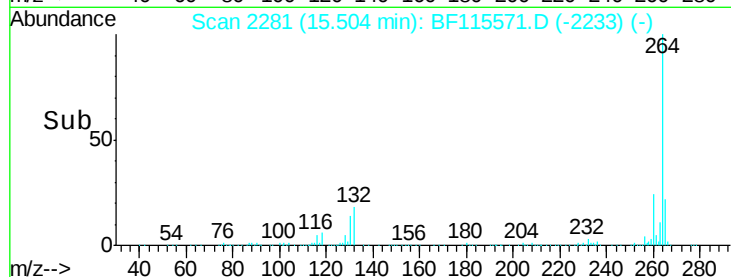
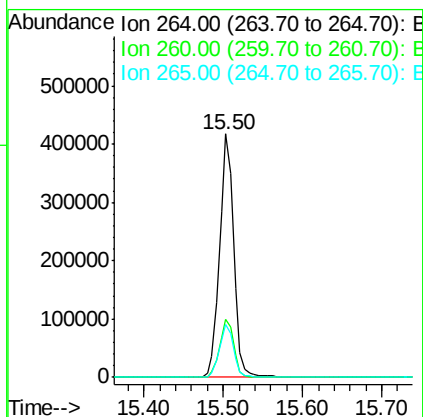
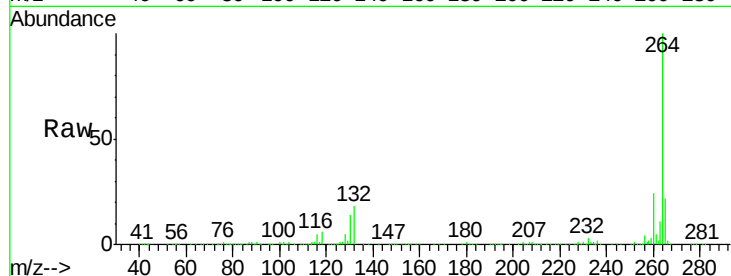




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

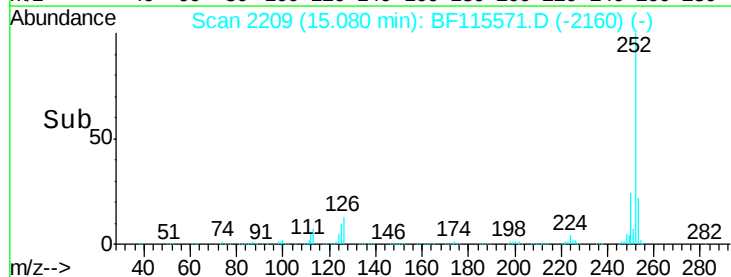
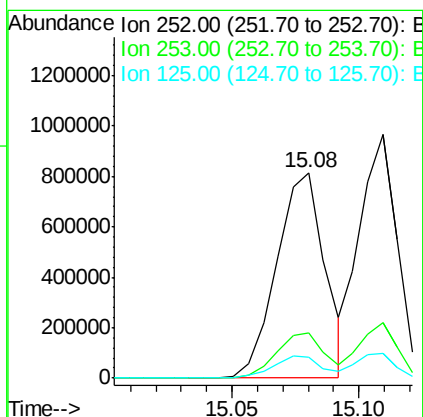
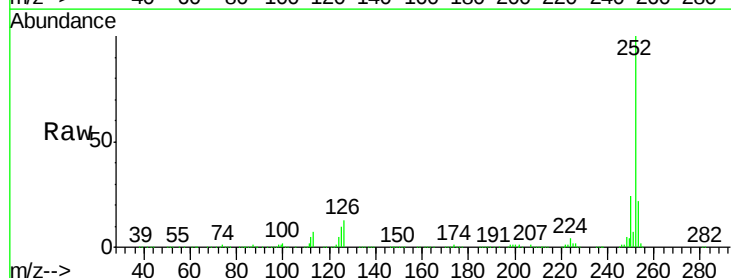
Instrument :
BNA_F
ClientSampleId :

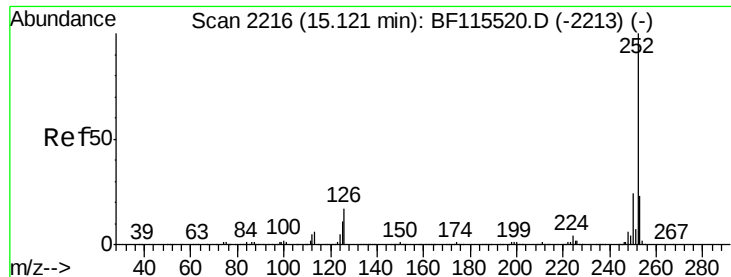
Tot Ion:264 Resp: 518065
Ion Ratio Lower Upper
264 100
260 23.7 19.8 29.8
265 21.6 17.7 26.5



#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

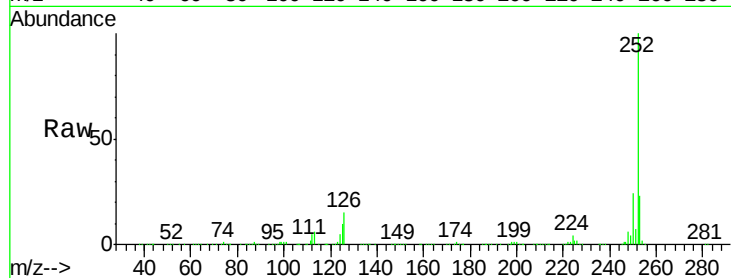




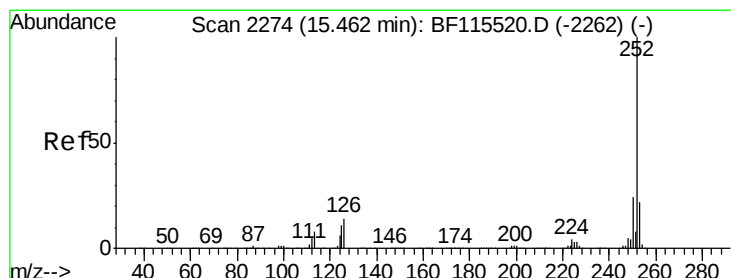
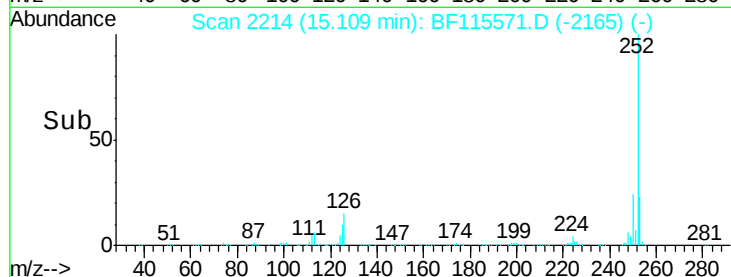
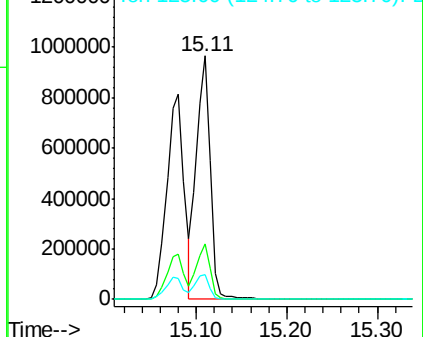
#89
Benzo(k)fluoranthene
Concen: 34.515 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

Instrument :
BNA_F
ClientSampleId :

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

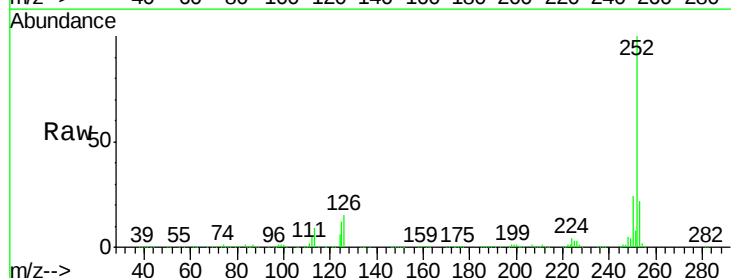


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

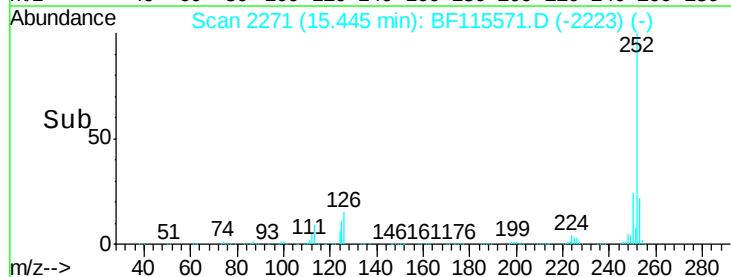
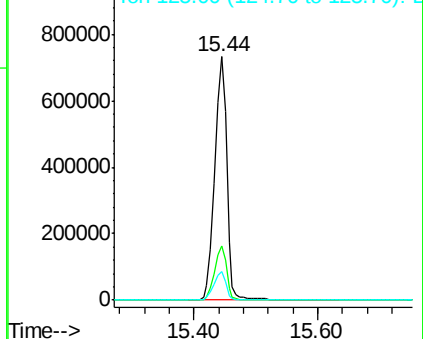


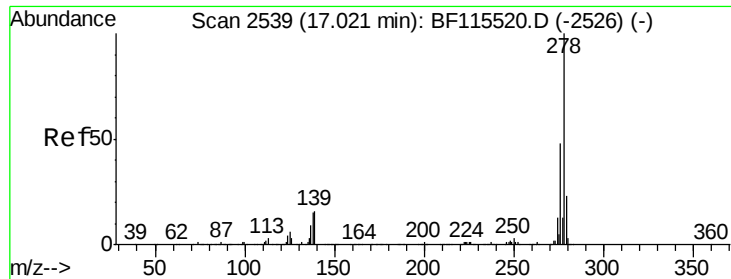
#90
Benzo(a)pyrene
Concen: 33.749 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115571.D
Acq: 15 Jul 2019 21:53

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



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





#91

Dibenzo(a,h)anthracene

Concen: 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

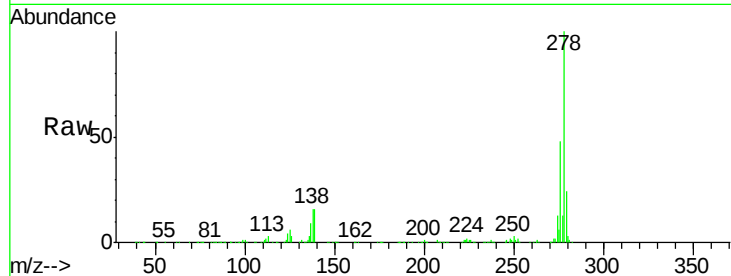
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 824369

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

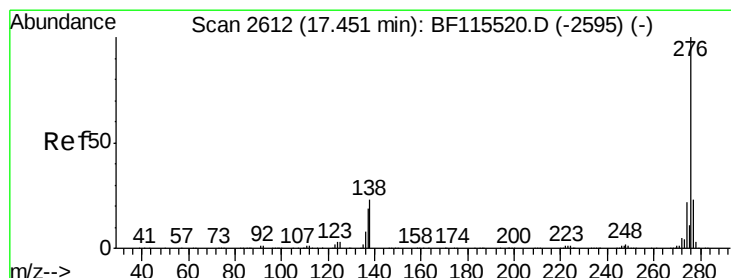
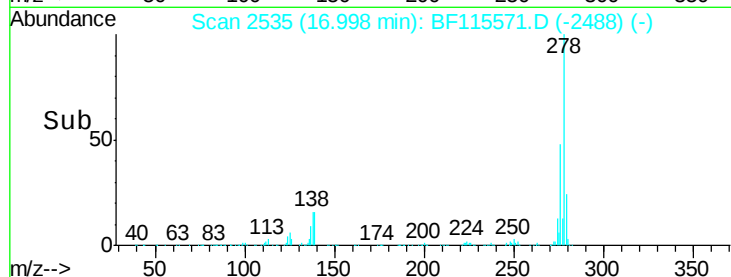
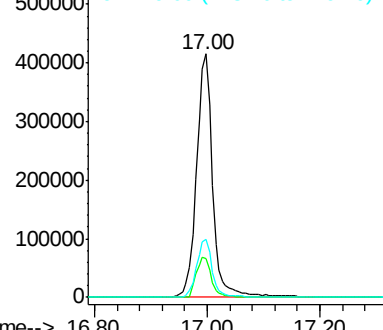


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 30.367 ng

RT: 17.42 min Scan# 2607

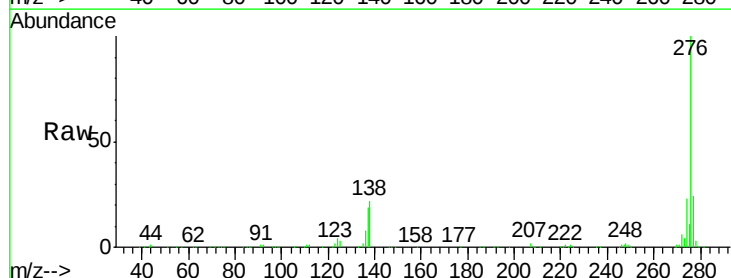
Delta R.T. -0.03 min

Lab File: BF115571.D

Acq: 15 Jul 2019 21:53

Tgt Ion:276 Resp: 762312

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



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

