

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115562.D
 Acq On : 15 Jul 2019 17:52
 Operator : HP/JU
 Sample : PB121222BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 01:40:12 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	166219	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	655125	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	333165	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	648119	20.00	ng	0.00
76) Chrysene-d12	14.04	240	439305	20.00	ng	-0.01
87) Perylene-d12	15.50	264	427333	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1266652	124.65	ng	0.01
7) Phenol-d6	6.52	99	1601789	124.22	ng	0.00
23) Nitrobenzene-d5	7.44	82	1028758	91.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	516977	132.94	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1938115	101.82	ng	-0.01
79) Terphenyl-d14	12.99	244	2071374	87.00	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	207789	40.993	ng	99
3) Pyridine	3.53	79	536612	39.019	ng	99
4) n-Nitrosodimethylamine	3.48	42	206358	41.362	ng	100
6) Aniline	6.55	93	586679	32.695	ng	97
8) 2-Chlorophenol	6.67	128	510875	43.727	ng	100
9) Benzaldehyde	6.43	77	374175	46.437	ng	100
10) Phenol	6.53	94	638923	42.685	ng	83
11) bis(2-Chloroethyl)ether	6.62	93	484823	42.542	ng	100
12) 1,3-Dichlorobenzene	6.82	146	557948	42.475	ng	98
13) 1,4-Dichlorobenzene	6.90	146	564330	43.058	ng	98
14) 1,2-Dichlorobenzene	7.05	146	526824	43.972	ng	98
15) Benzyl Alcohol	7.02	79	459227	44.896	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	635488	42.356	ng	97
17) 2-Methylphenol	7.13	107	445968	44.293	ng	98
18) Hexachloroethane	7.40	117	207054	42.563	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	358447	42.624	ng	97
20) 3+4-Methylphenols	7.28	107	524011	43.815	ng	95
22) Acetophenone	7.29	105	701482	47.397	ng	# 97
24) Nitrobenzene	7.46	77	566223	46.594	ng	96
25) Isophorone	7.70	82	1033121	45.825	ng	99
26) 2-Nitrophenol	7.77	139	296435	47.392	ng	99
27) 2,4-Dimethylphenol	7.81	122	500361	53.464	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	630558	45.591	ng	99
29) 2,4-Dichlorophenol	8.02	162	468608	48.145	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	505697	45.963	ng	98
31) Naphthalene	8.19	128	1531077	48.257	ng	97
32) Benzoic acid	7.94	122	344320	44.830	ng	99
33) 4-Chloroaniline	8.23	127	386984	27.536	ng	98
34) Hexachlorobutadiene	8.30	225	285633	45.272	ng	100
35) Caprolactam	8.60	113	82944	27.577	ng	93
36) 4-Chloro-3-methylphenol	8.71	107	485080	48.045	ng	100
37) 2-Methylnaphthalene	8.87	142	1025256	48.749	ng	98
38) 1-Methylnaphthalene	8.97	142	966671	48.390	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	460848	45.934	ng	97

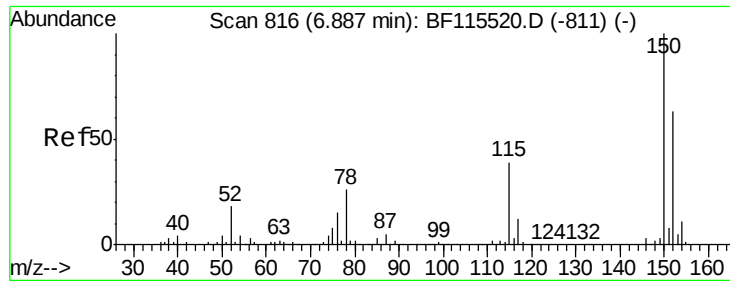
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115562.D
 Acq On : 15 Jul 2019 17:52
 Operator : HP/JU
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Quant Time: Jul 16 01:40:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS 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)
41) Hexachlorocyclopentadiene	9.04	237	476534	83.265	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	344422	46.944	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	351679	46.805	ng	99
46) 1,1'-Biphenyl	9.34	154	1244202	47.769	ng	98
47) 2-Chloronaphthalene	9.37	162	990004	45.648	ng	97
48) 2-Nitroaniline	9.46	65	298495	44.468	ng	97
49) Acenaphthylene	9.78	152	1512505	47.066	ng	98
50) Dimethylphthalate	9.64	163	1153949	46.036	ng	99
51) 2,6-Dinitrotoluene	9.70	165	268394	47.116	ng	99
52) Acenaphthene	9.96	154	1053770	50.790	ng	99
53) 3-Nitroaniline	9.86	138	190629	29.284	ng	98
54) 2,4-Dinitrophenol	9.97	184	278692	95.290	ng	98
55) Dibenzofuran	10.13	168	1341622	45.535	ng	100
56) 4-Nitrophenol	10.03	139	482698	97.240	ng	97
57) 2,4-Dinitrotoluene	10.10	165	354672	48.058	ng	96
58) Fluorene	10.47	166	993922	47.187	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	304837	48.533	ng	98
60) Diethylphthalate	10.35	149	1105250	47.060	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	517208	44.279	ng	96
62) 4-Nitroaniline	10.49	138	282856	45.299	ng	98
63) Azobenzene	10.62	77	1082619	47.524	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	190461	48.099	ng	88
66) n-Nitrosodiphenylamine	10.58	169	938058	46.529	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	332336	44.871	ng	94
68) Hexachlorobenzene	11.02	284	373503	44.159	ng	97
69) Atrazine	11.10	200	300178	45.386	ng	99
70) Pentachlorophenol	11.21	266	453207	87.606	ng	99
71) Phenanthrene	11.43	178	1509522	45.437	ng	98
72) Anthracene	11.48	178	1562841	45.519	ng	100
73) Carbazole	11.63	167	1374728	45.660	ng	99
74) Di-n-butylphthalate	11.96	149	1659896	44.758	ng	99
75) Fluoranthene	12.62	202	1579709	44.997	ng	97
77) Benzidine	12.73	184	857722	55.115	ng	100
78) Pyrene	12.85	202	1620684	43.544	ng	98
80) Butylbenzylphthalate	13.46	149	693378	43.701	ng	96
81) Benzo(a)anthracene	14.03	228	1294928	44.743	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	373468	36.299	ng	98
83) Chrysene	14.07	228	1324885	45.602	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	879194	44.735	ng	99
85) Di-n-octyl phthalate	14.63	149	1509268	48.265	ng	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	1152641	46.697	ng	99
88) Benzo(b)fluoranthene	15.08	252	1218299	44.275	ng	100
89) Benzo(k)fluoranthene	15.11	252	1199181	48.881	ng	99
90) Benzo(a)pyrene	15.44	252	1138991	48.160	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	959993	46.236	ng	99
92) Benzo(g,h,i)perylene	17.43	276	901595	43.540	ng	100

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

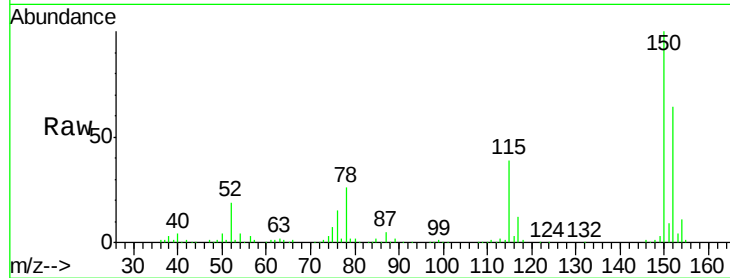


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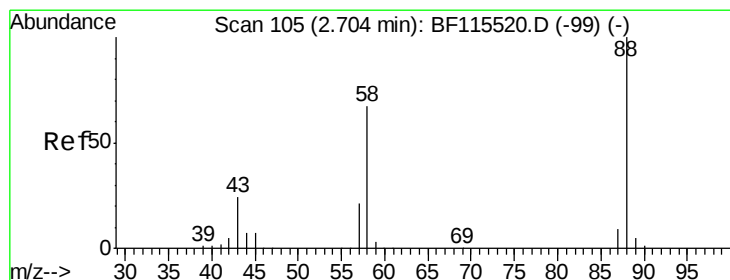
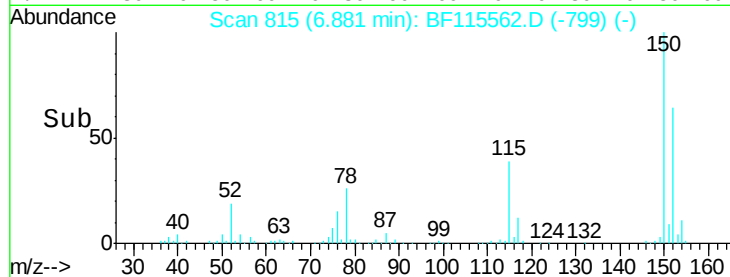
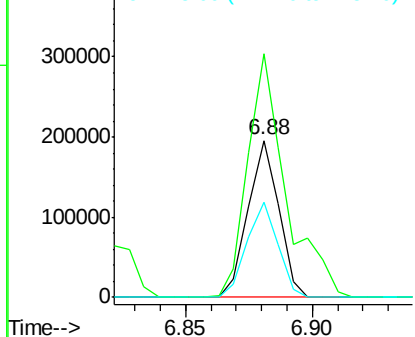
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 166219
Ion Ratio Lower Upper
152 100
150 155.4 129.7 194.5
115 60.4 48.2 72.4



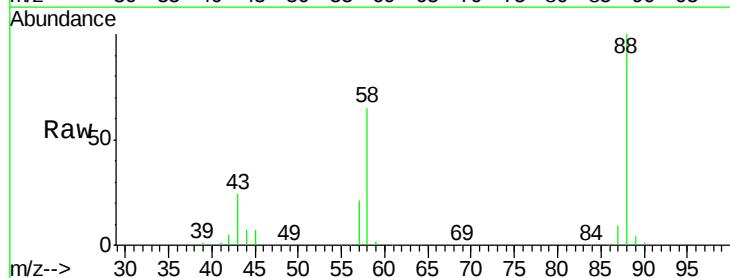
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



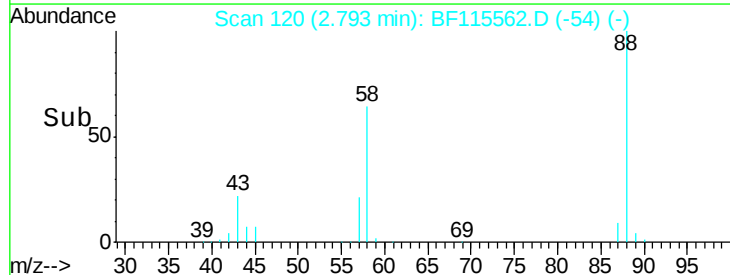
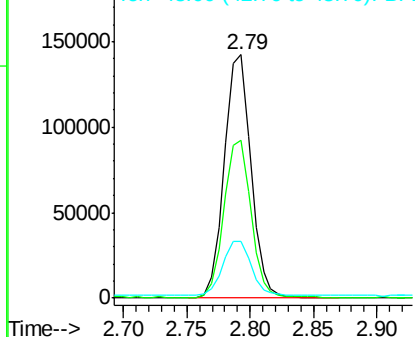
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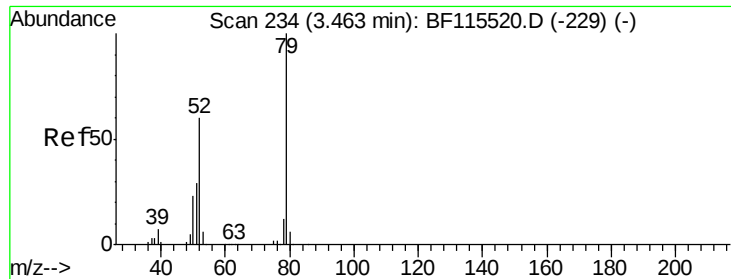
1,4-Dioxane
Concen: 40.993 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.09 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion: 88 Resp: 207789
Ion Ratio Lower Upper
88 100
58 64.9 52.6 79.0
43 23.9 19.1 28.7



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.019 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.06 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

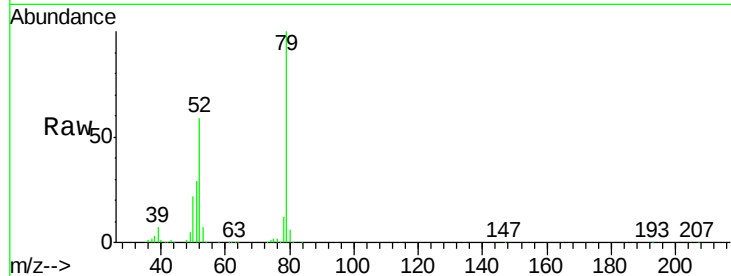
Tot Ion: 79 Resp: 536612

Ion Ratio Lower Upper

79 100

52 59.4 47.8 71.6

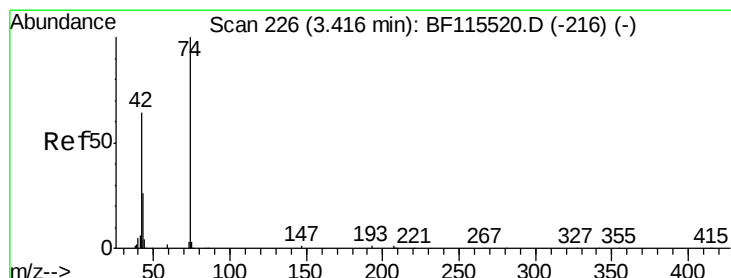
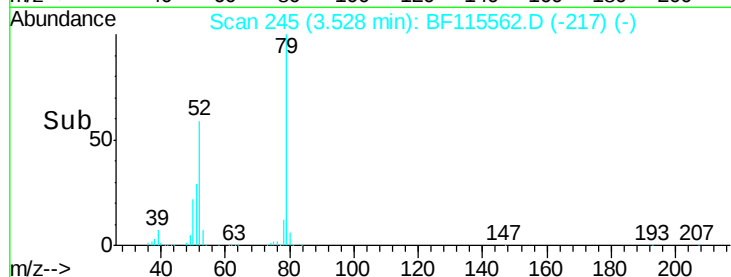
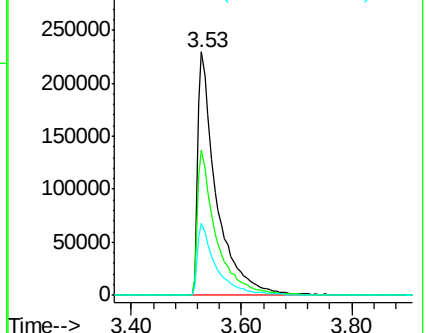
51 29.4 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.362 ng

RT: 3.48 min Scan# 236

Delta R.T. 0.06 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

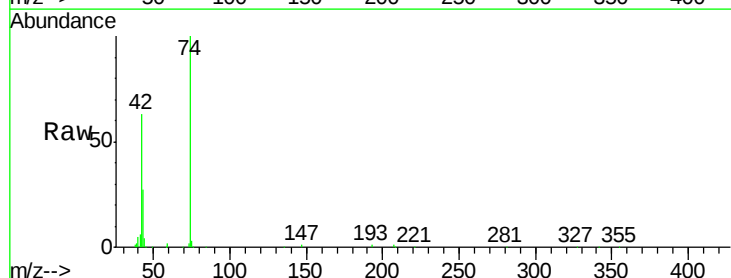
Tgt Ion: 42 Resp: 206358

Ion Ratio Lower Upper

42 100

74 159.3 127.5 191.3

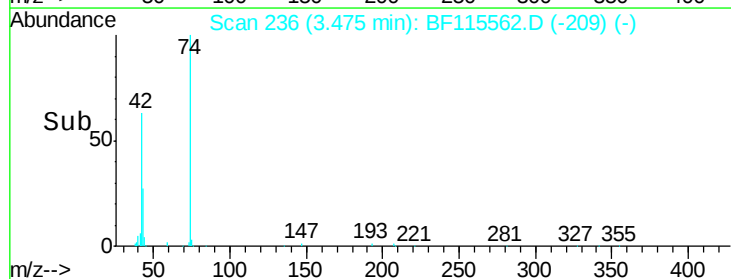
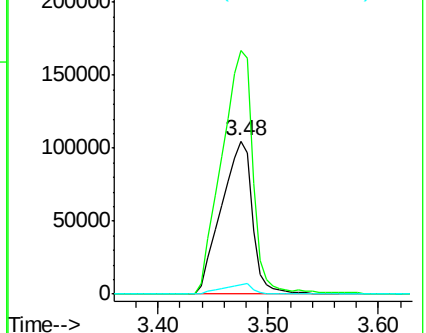
44 6.5 5.0 7.6

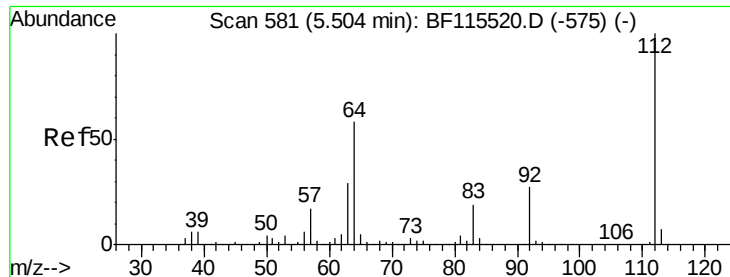


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 124.647 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

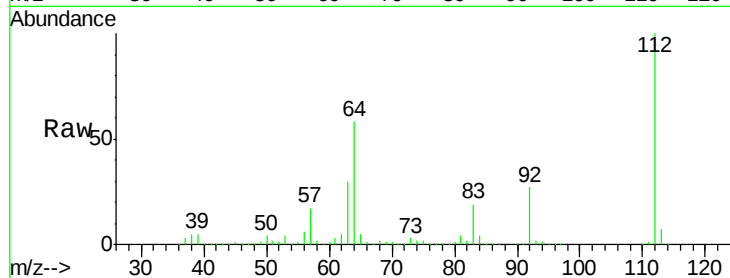
Tot Ion: 112 Resp: 1266652

Ion Ratio Lower Upper

112 100

64 58.0 46.8 70.2

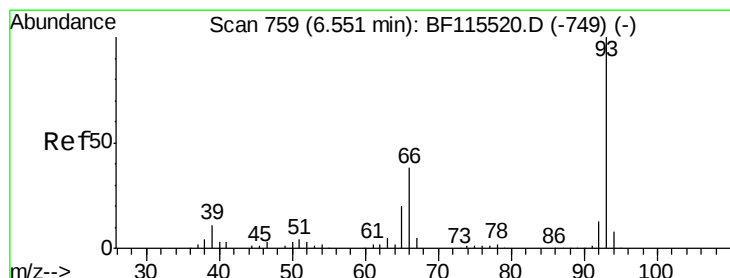
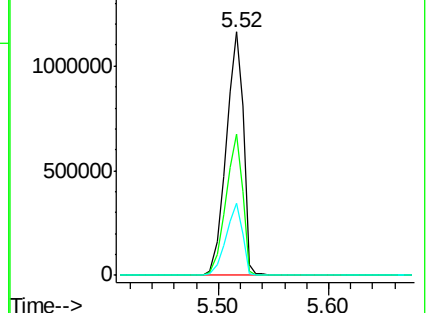
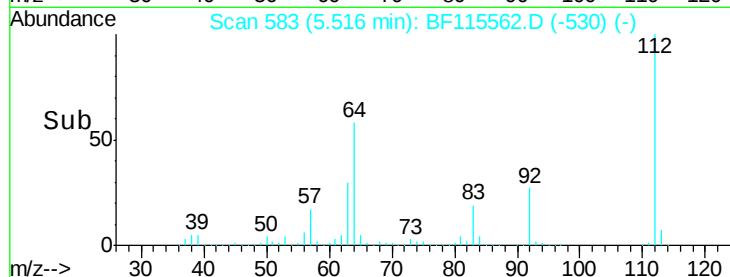
63 29.8 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.695 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

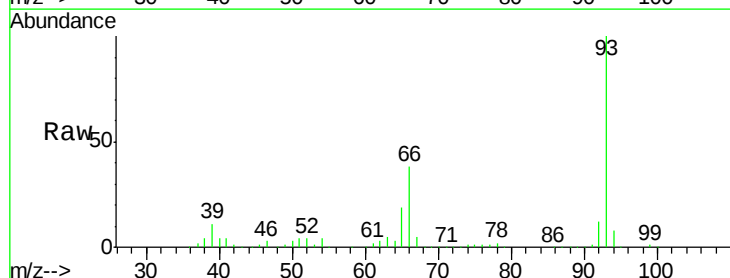
Tgt Ion: 93 Resp: 586679

Ion Ratio Lower Upper

93 100

66 37.9 31.7 47.5

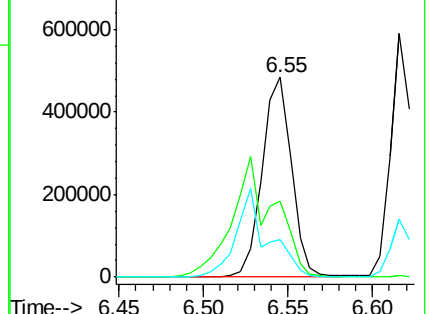
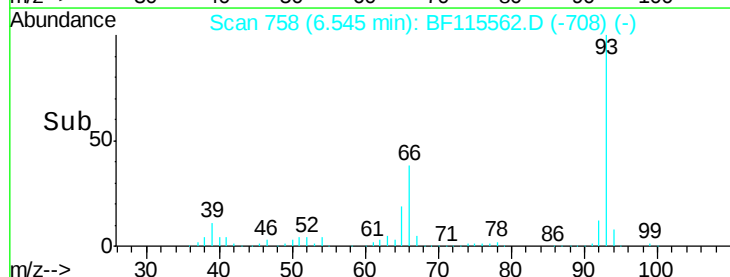
65 19.0 16.2 24.2

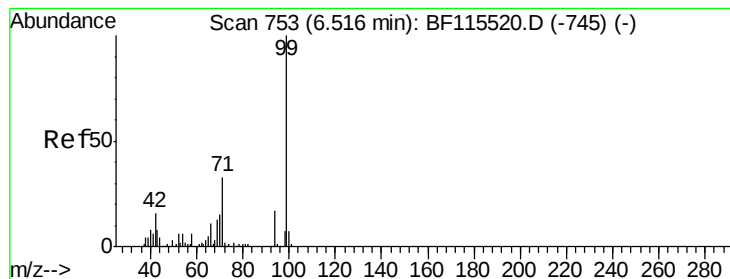


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.225 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

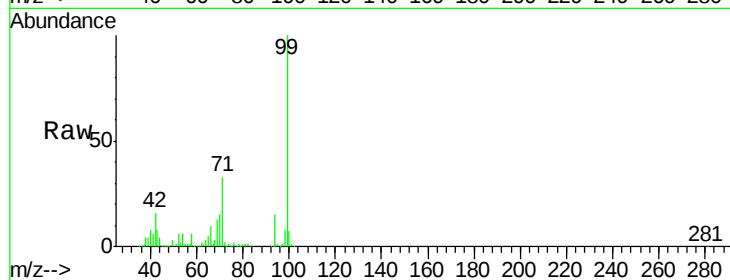
Tot Ion: 99 Resp: 1601789

Ion Ratio Lower Upper

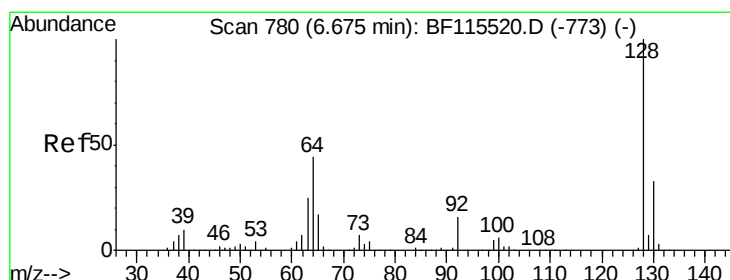
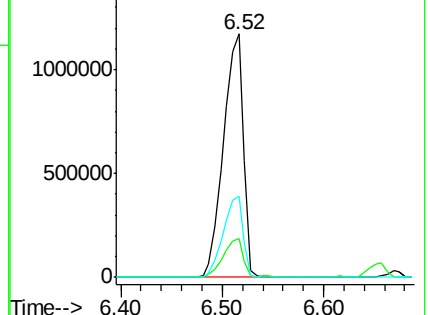
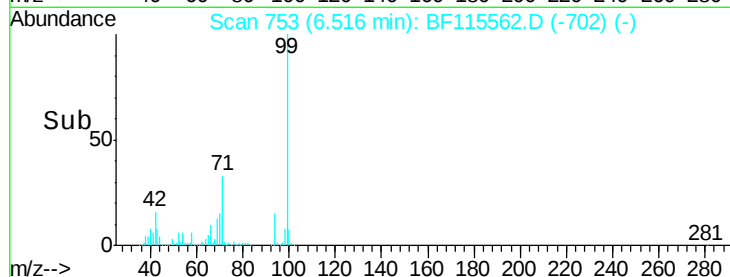
99 100

42 15.9 13.6 20.4

71 33.3 28.5 42.7



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



#8

2-Chlorophenol

Concen: 43.727 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

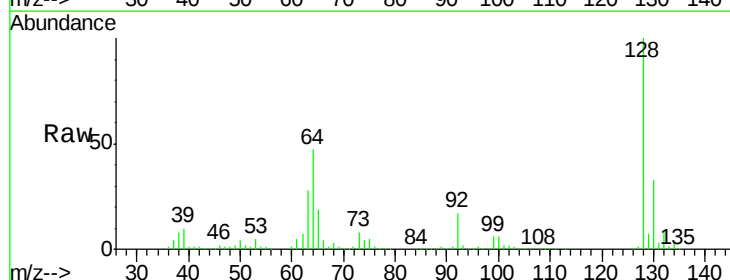
Tgt Ion: 128 Resp: 510875

Ion Ratio Lower Upper

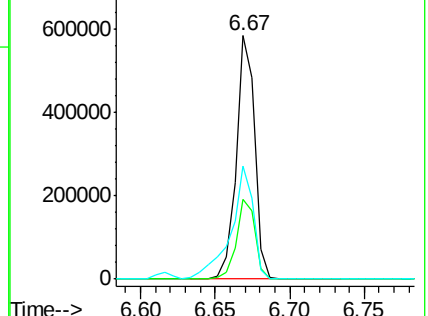
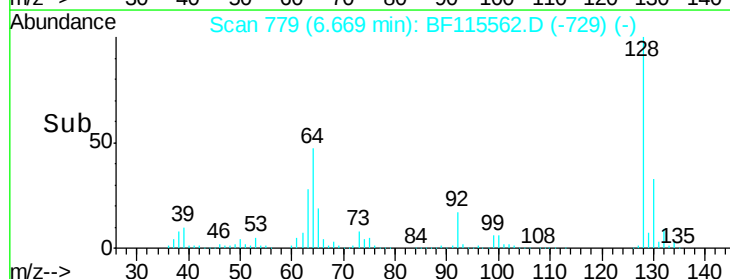
128 100

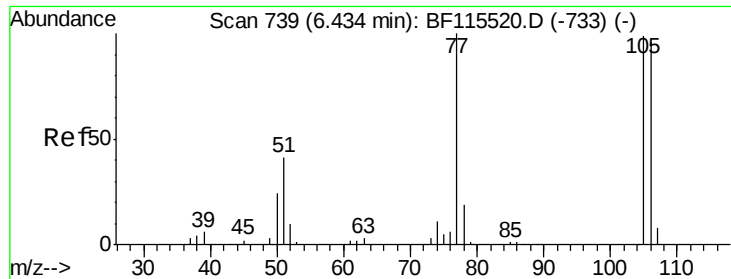
130 32.8 12.8 52.8

64 46.5 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

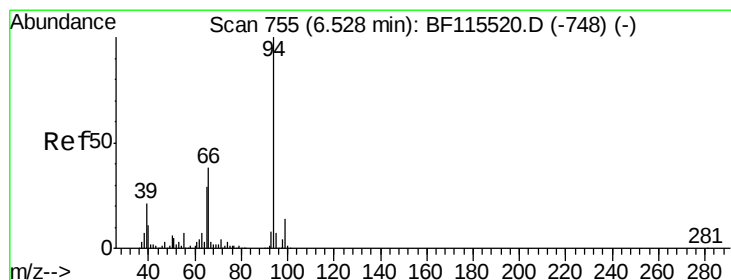
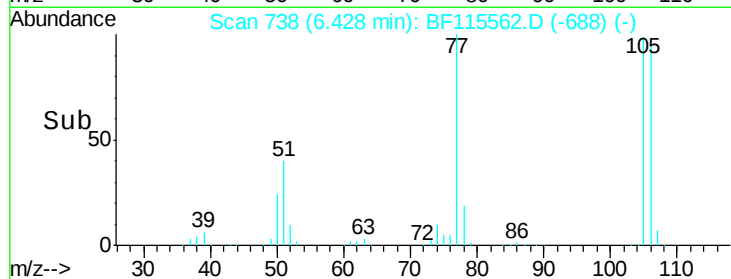
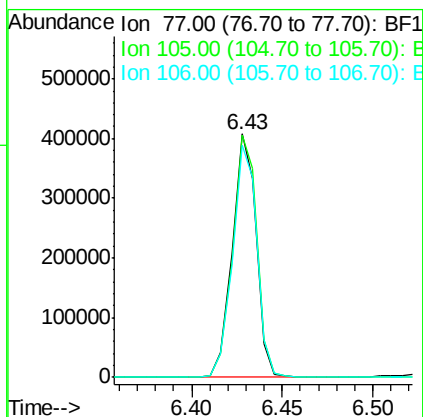
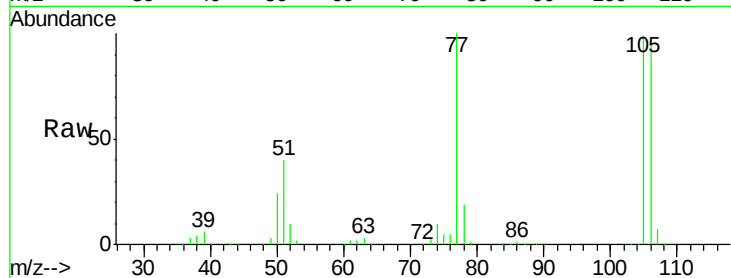




#9
Benzaldehyde
Concen: 46.437 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

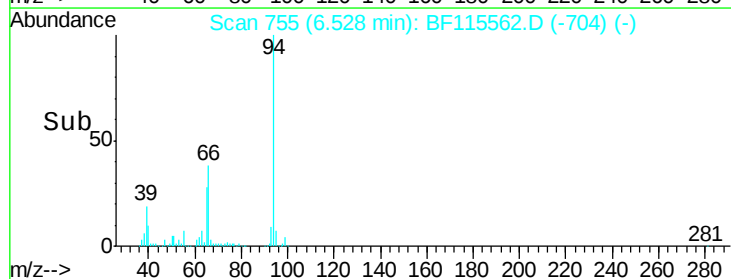
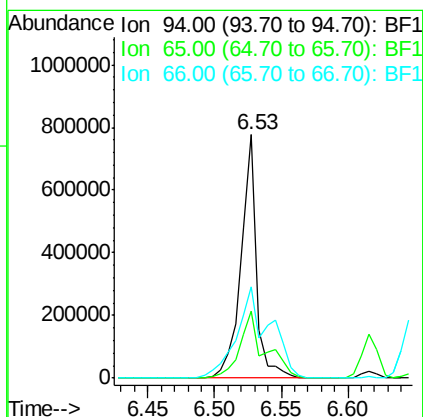
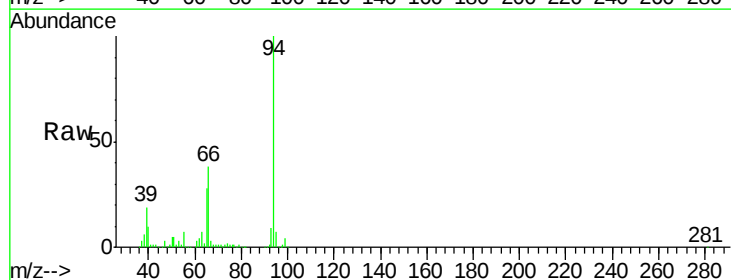
Instrument :
BNA_F
ClientSampleId :

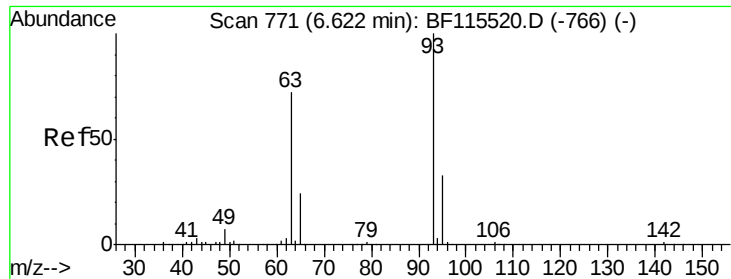
Tot Ion: 77 Resp: 374175
Ion Ratio Lower Upper
77 100
105 99.5 78.8 118.8
106 95.3 75.6 115.6



#10
Phenol
Concen: 42.685 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion: 94 Resp: 638923
Ion Ratio Lower Upper
94 100
65 27.5 14.5 54.5
66 37.5 31.3 71.3

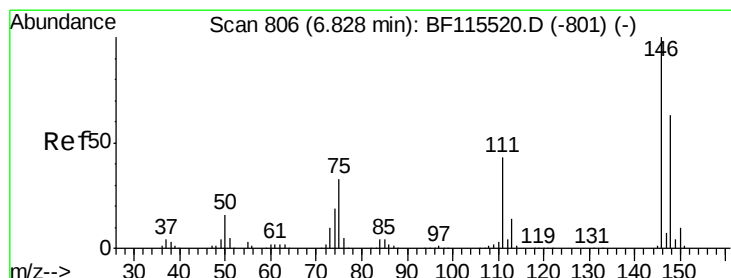
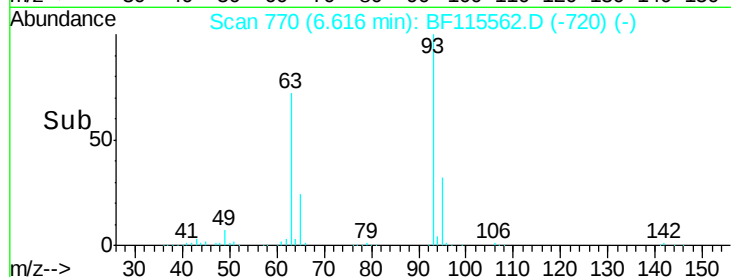
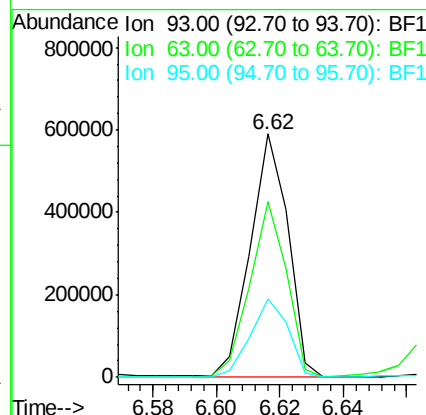
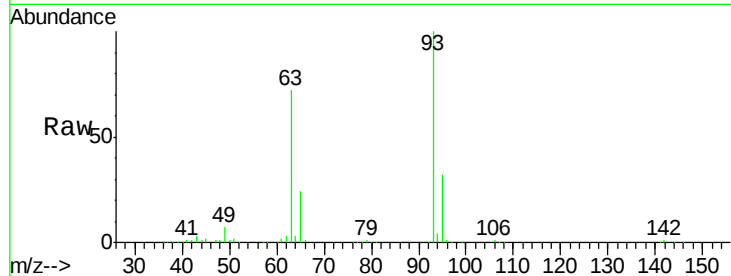




#11
bis(2-Chloroethyl)ether
Concen: 42.542 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

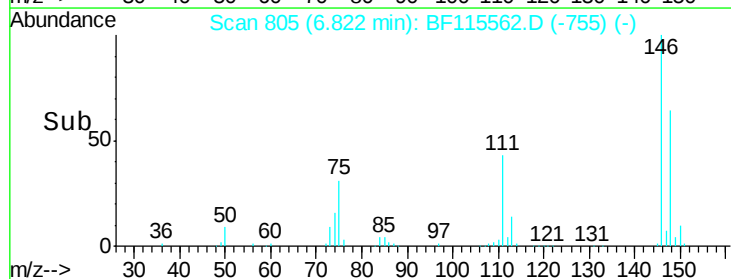
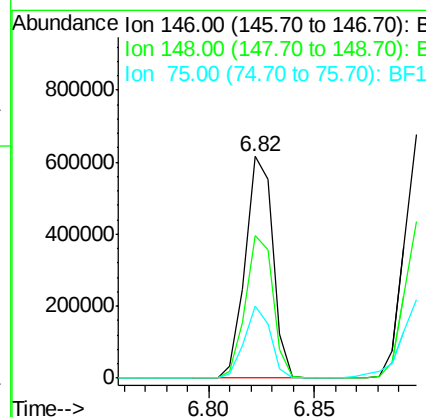
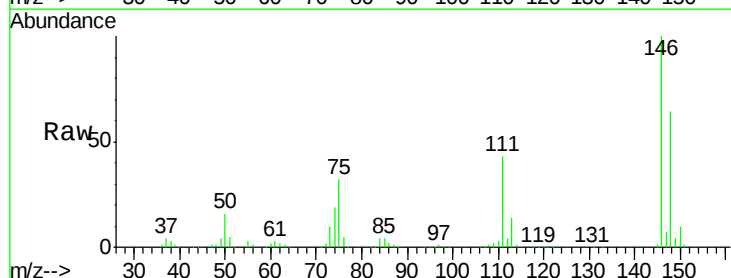
Instrument :
BNA_F
ClientSampleId :

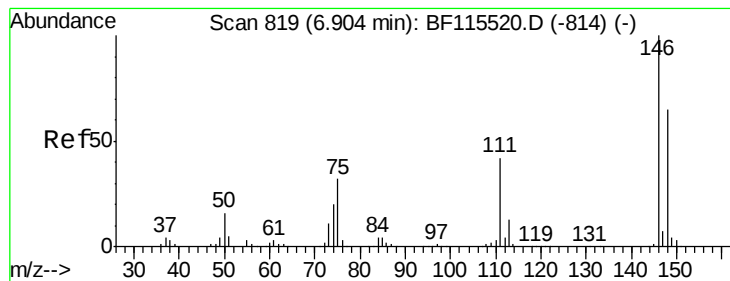
Tot Ion	93	Resp	484823
Ion	Ratio	Lower	Upper
93	100		
63	72.4	52.2	92.2
95	32.5	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 42.475 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion	146	Resp	557948
Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.1	78.1
75	32.4	24.9	37.3





#13

1,4-Dichlorobenzene

Concen: 43.058 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampled :

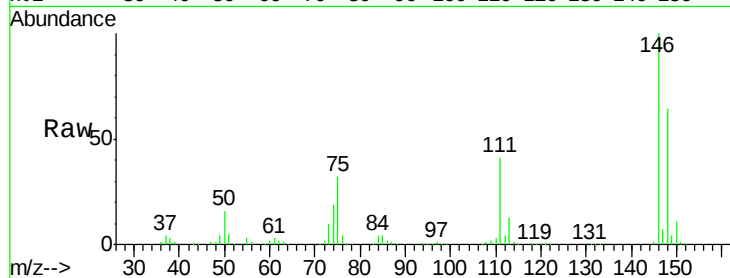
Tot Ion:146 Resp: 564330

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

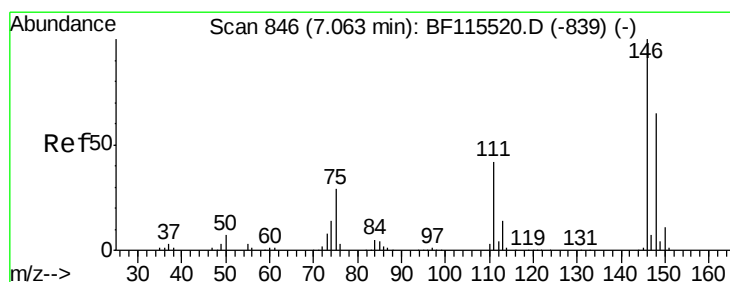
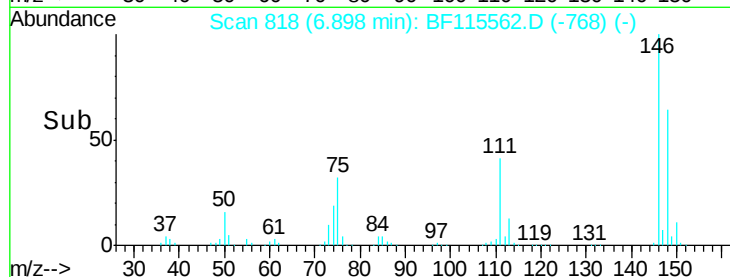
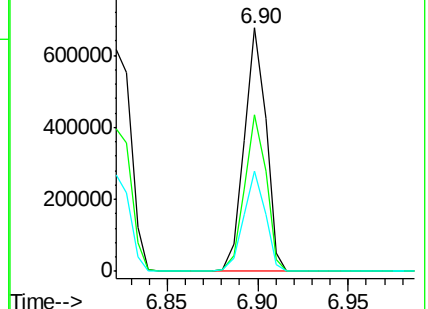
111 41.2 35.5 53.3



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: 43.972 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

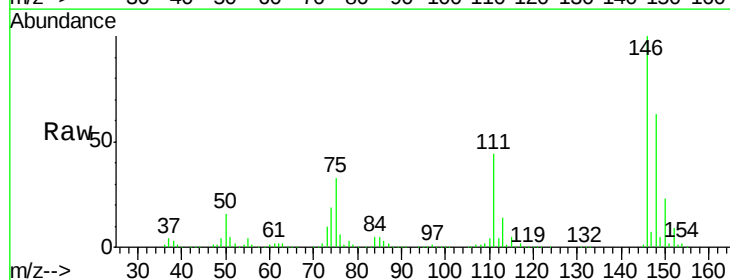
Tgt Ion:146 Resp: 526824

Ion Ratio Lower Upper

146 100

148 63.2 51.1 76.7

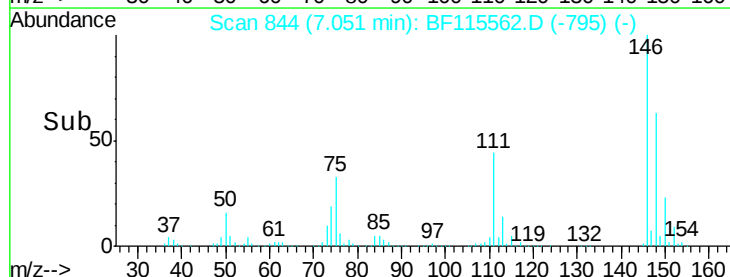
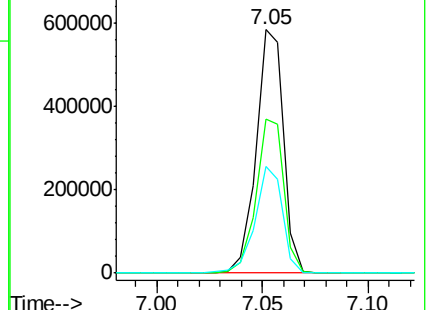
111 44.0 37.6 56.4



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

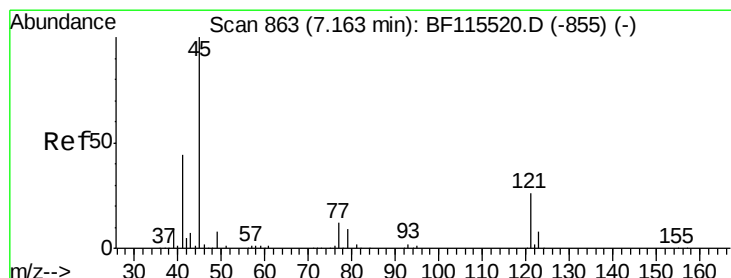
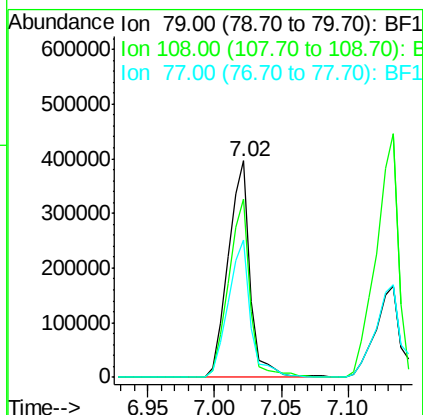
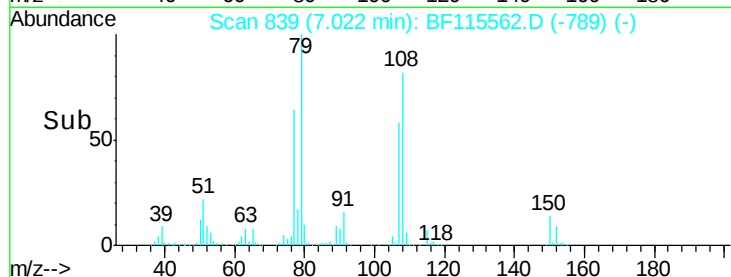
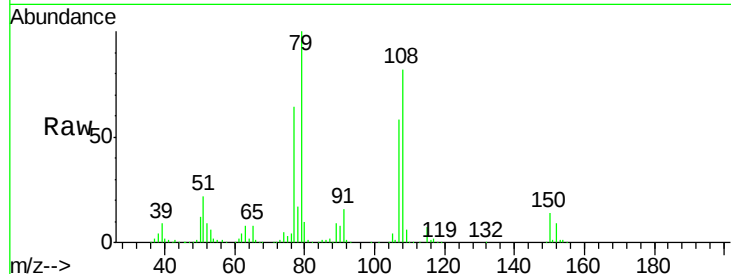




#15
Benzyl Alcohol
Concen: 44.896 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

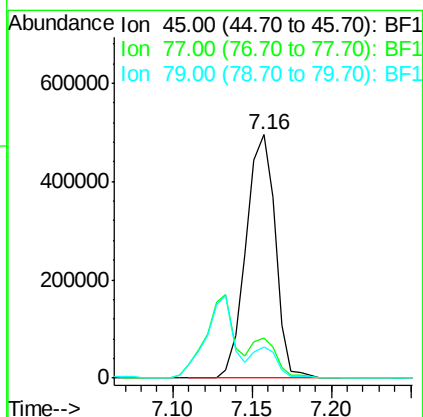
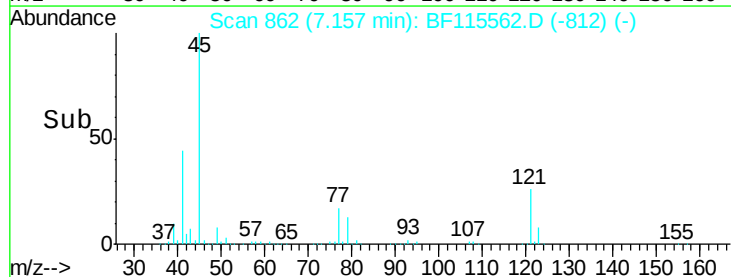
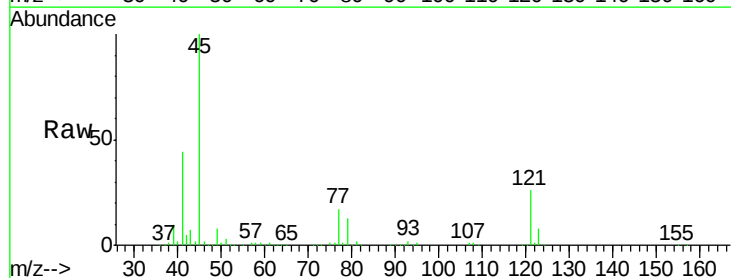
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.3	64.2	96.4
77	63.5	51.8	77.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.356 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	38.1
79	12.9	0.0	34.1

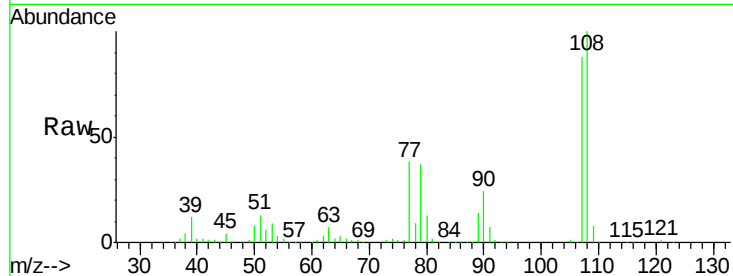




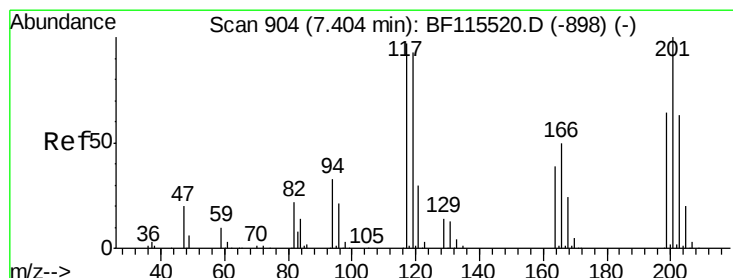
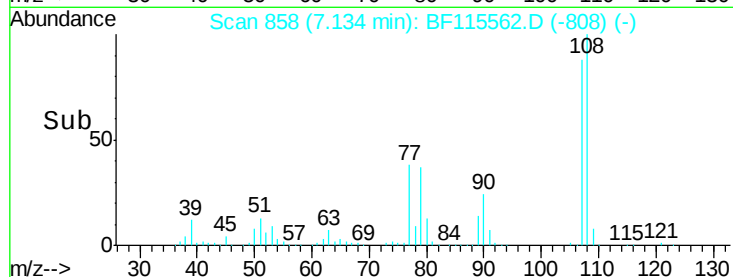
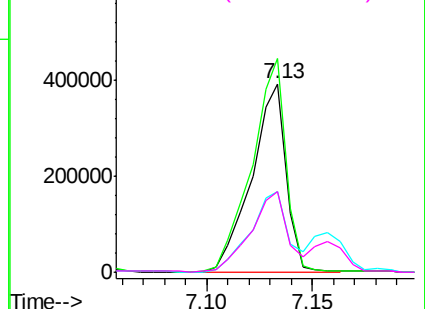
#17
2-Methylphenol
Concen: 44.293 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 445968
Ion Ratio Lower Upper
107 100
108 113.2 89.4 134.2
77 43.0 35.7 53.5
79 42.4 35.0 52.4

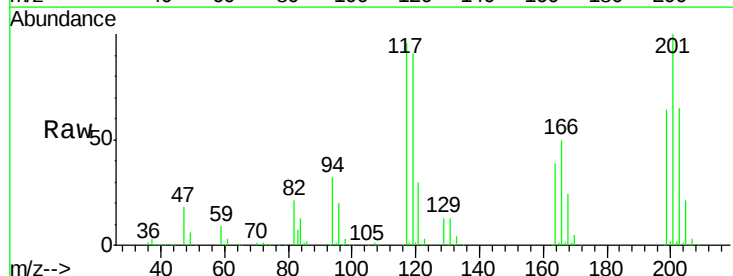


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

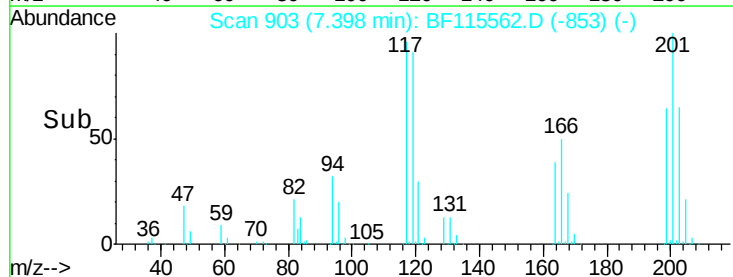
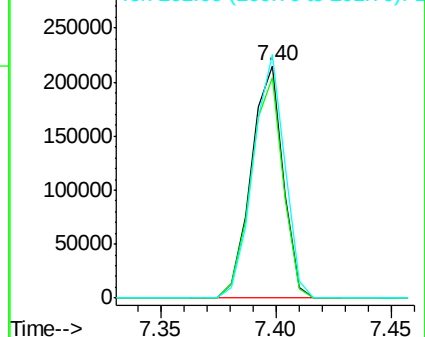


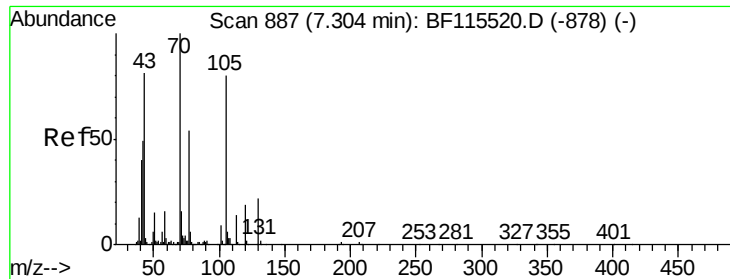
#18
Hexachloroethane
Concen: 42.563 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:117 Resp: 207054
Ion Ratio Lower Upper
117 100
119 94.9 77.7 116.5
201 104.6 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

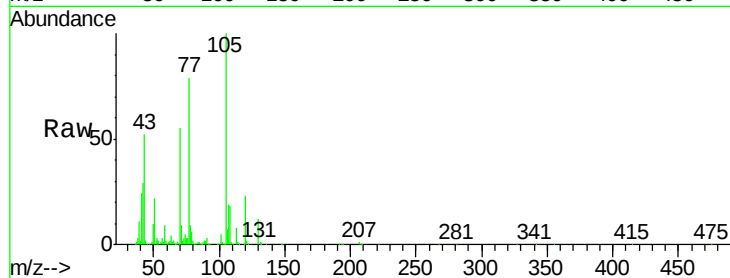




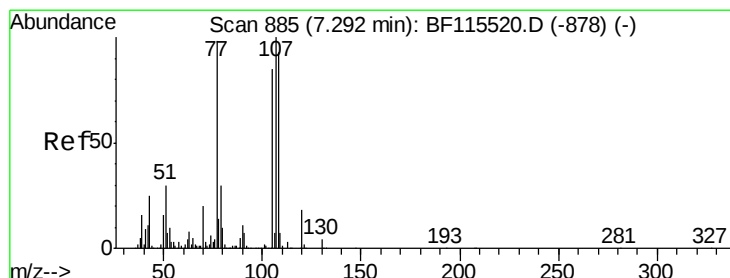
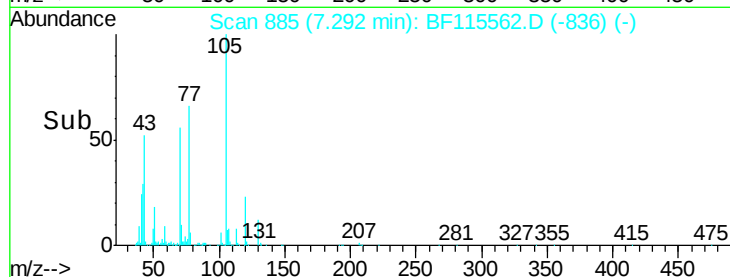
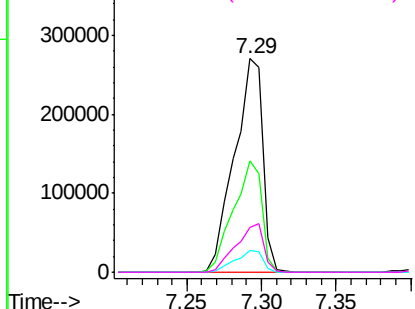
#19
n-Nitroso-di-n-propylamine
Concen: 42.624 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 358447
Ion Ratio Lower Upper
70 100
42 52.3 39.6 59.4
101 9.9 8.1 12.1
130 21.0 18.2 27.2



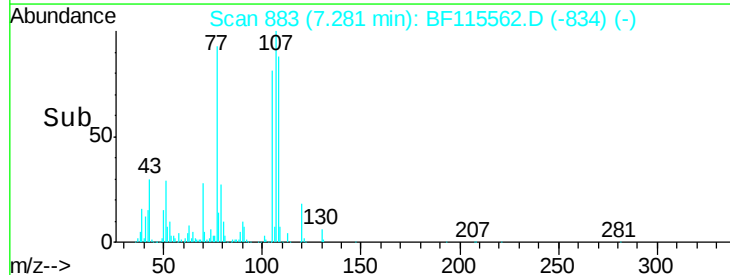
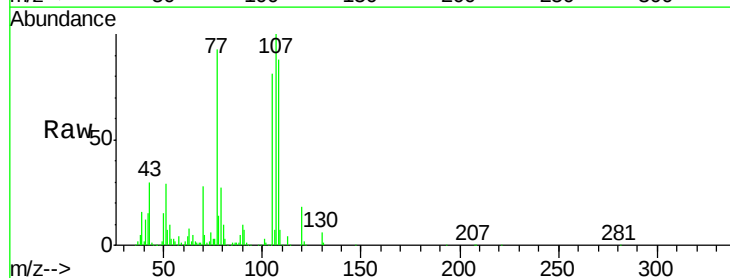
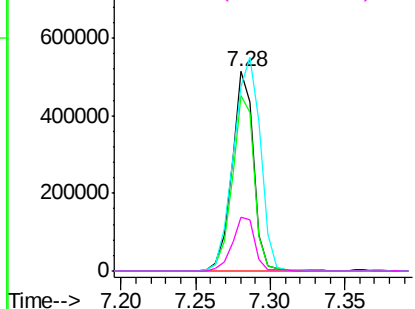
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 43.815 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:107 Resp: 524011
Ion Ratio Lower Upper
107 100
108 87.6 72.9 112.9
77 92.6 77.6 117.6
79 26.8 10.5 50.5

Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
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: BF115562.D

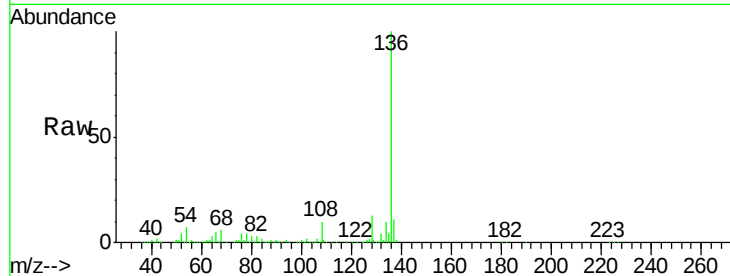
Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp: 655125
Ion Ratio	Lower Upper
136 100	
137 11.3	9.0 13.4
54 6.6	5.6 8.4
68 6.0	5.0 7.6

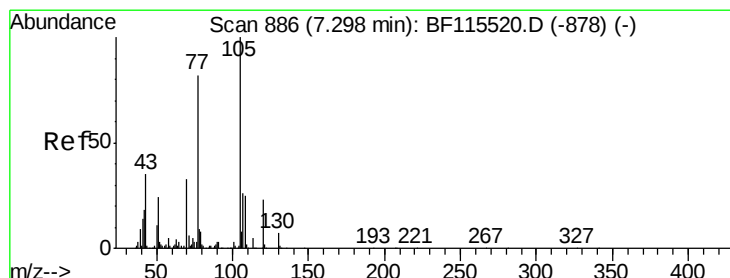
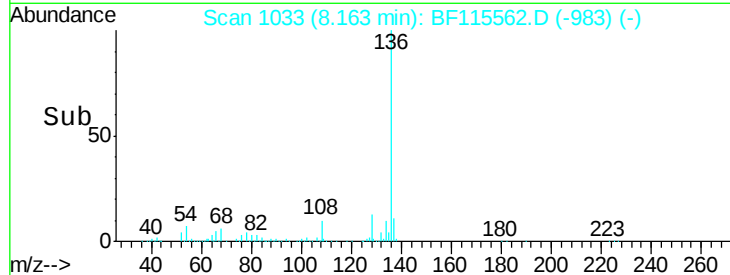
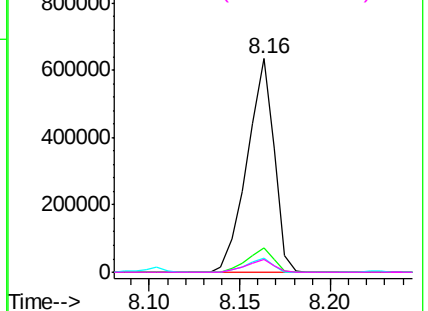


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.397 ng

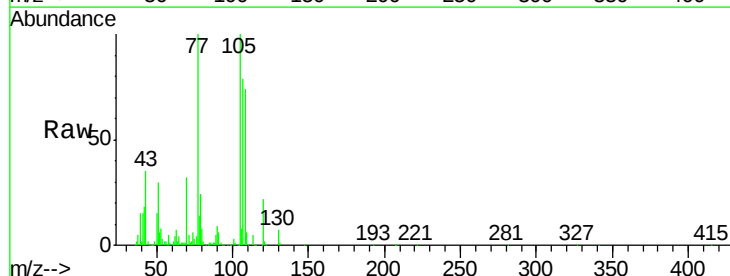
RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Tgt Ion:105	Resp: 701482
Ion Ratio	Lower Upper
105 100	
71 5.5	3.5 5.3#
51 30.1	25.6 38.4
120 21.6	17.9 26.9

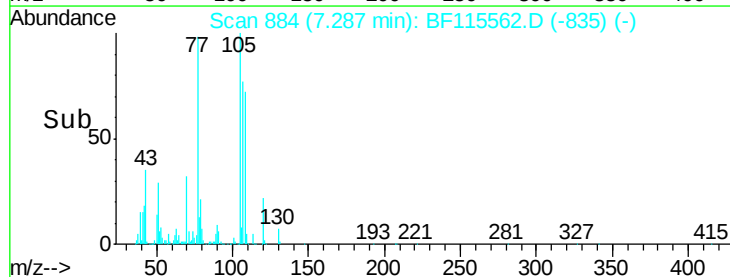
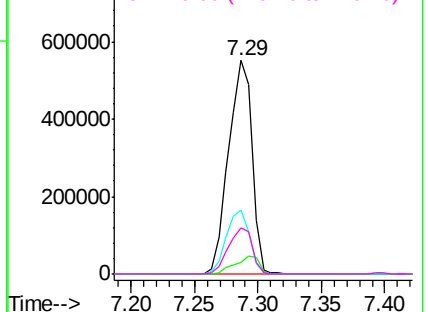


Abundance Ion 105.00 (104.70 to 105.70): E

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

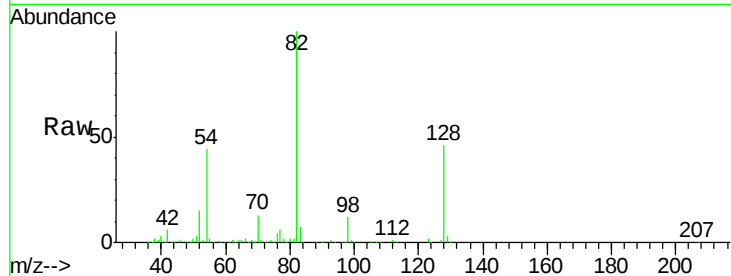




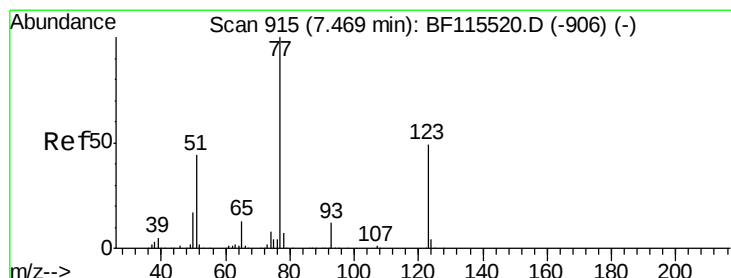
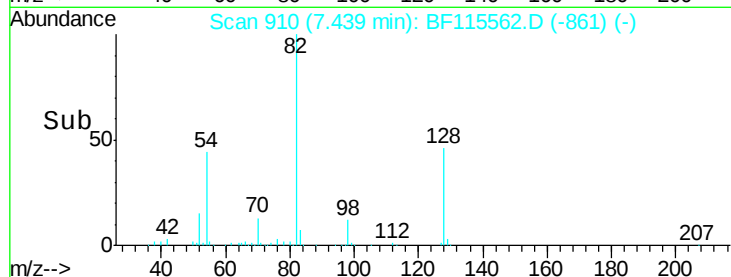
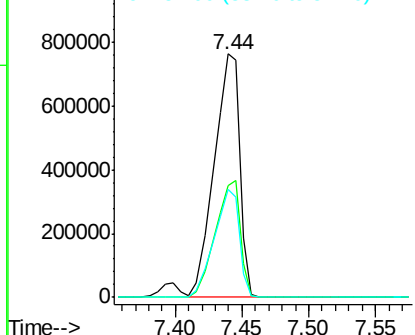
#23
Nitrobenzene-d5
Concen: 91.309 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1028758
Ion Ratio Lower Upper
82 100
128 46.1 38.6 57.8
54 44.1 35.6 53.4

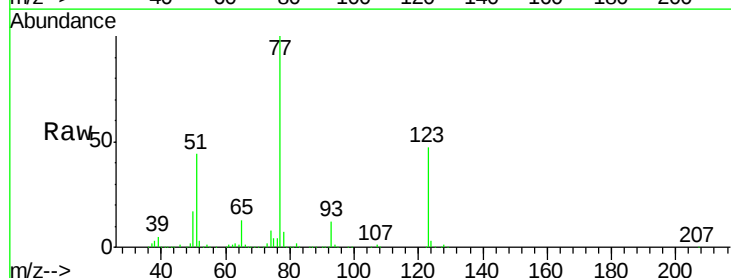


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

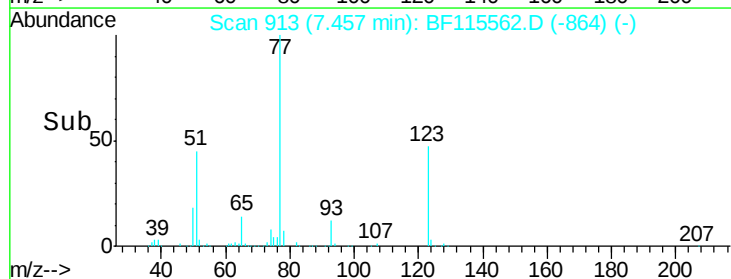
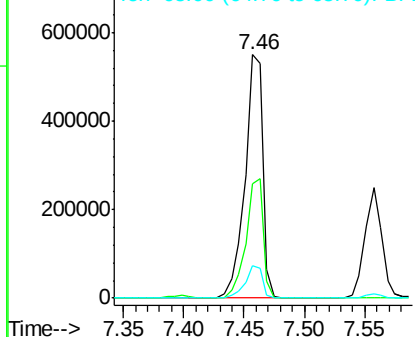


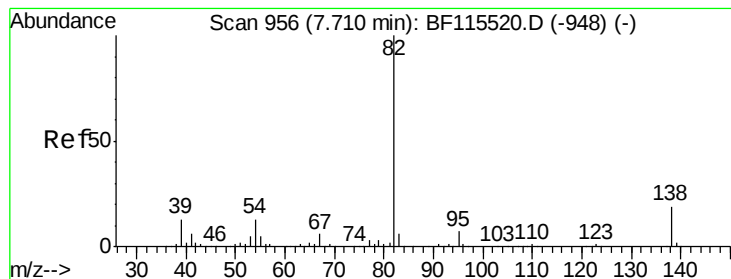
#24
Nitrobenzene
Concen: 46.594 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion: 77 Resp: 566223
Ion Ratio Lower Upper
77 100
123 46.9 40.0 60.0
65 13.4 11.0 16.4



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





#25

Isophorone

Concen: 45.825 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampled :

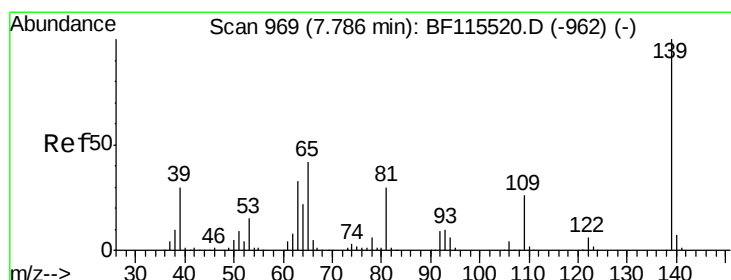
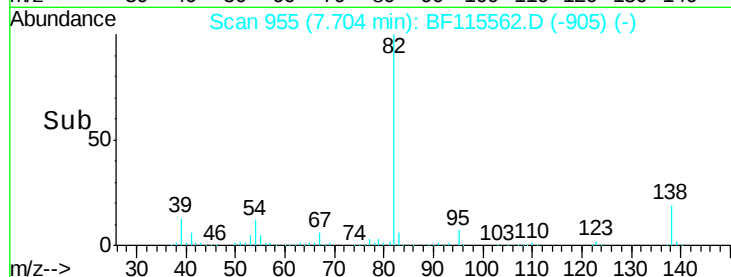
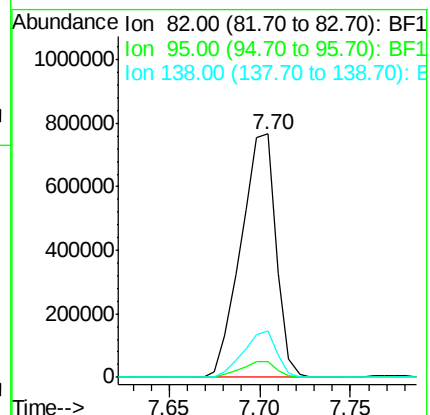
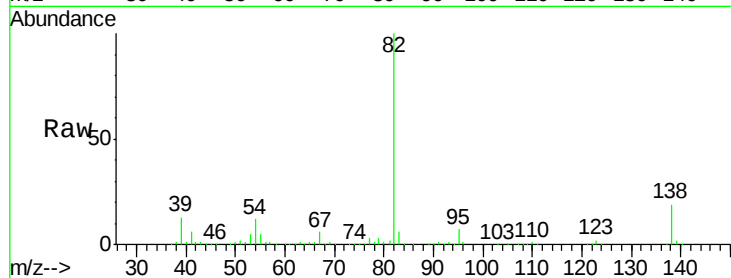
Tot Ion: 82 Resp: 1033121

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 18.8 14.9 22.3



#26

2-Nitrophenol

Concen: 47.392 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

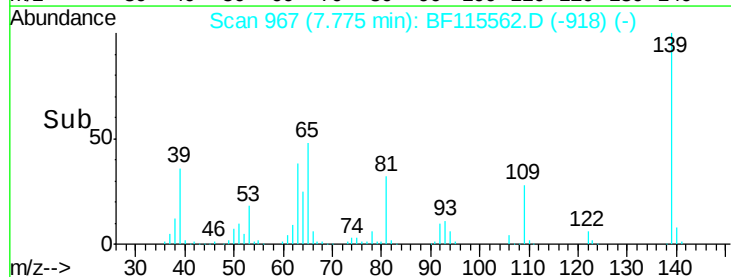
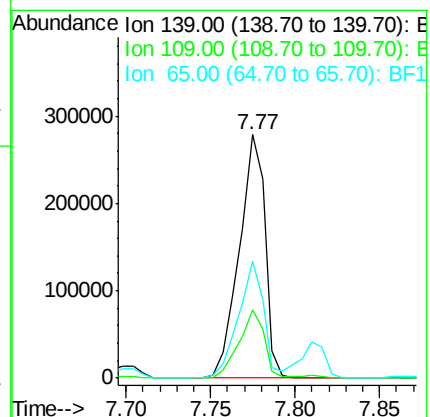
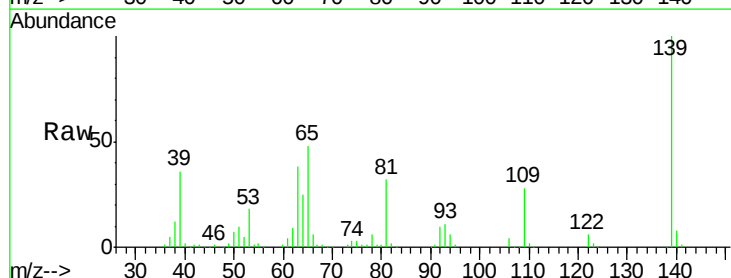
Tgt Ion: 139 Resp: 296435

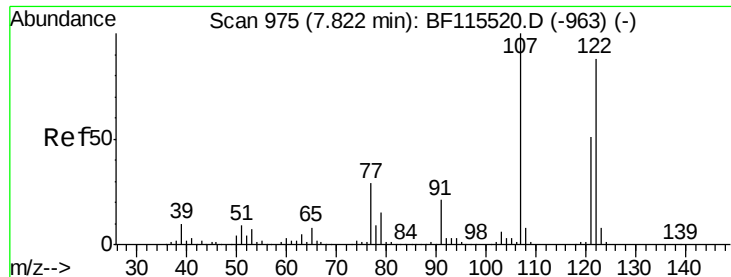
Ion Ratio Lower Upper

139 100

109 27.8 23.3 34.9

65 47.9 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 53.464 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

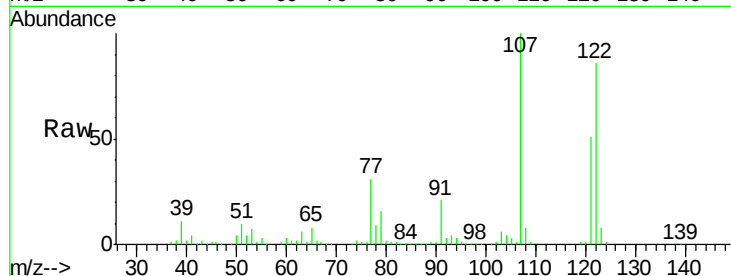
Tot Ion:122 Resp: 500361

Ion Ratio Lower Upper

122 100

107 116.5 92.9 139.3

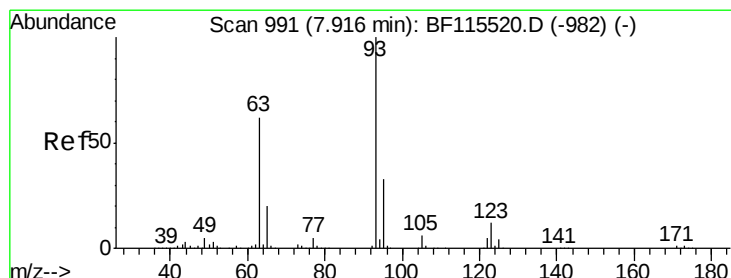
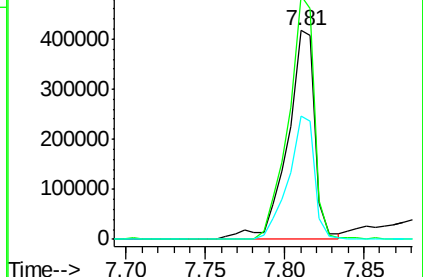
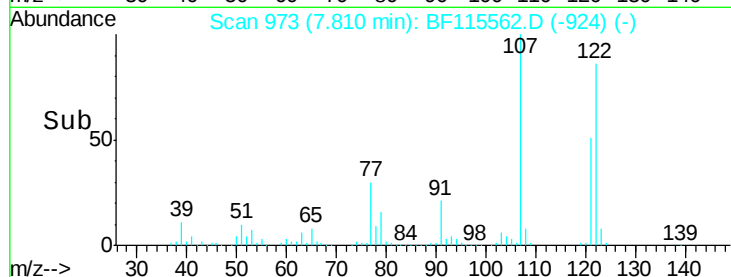
121 59.2 46.9 70.3



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: 45.591 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

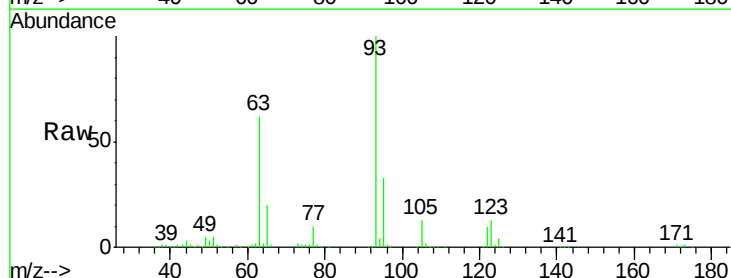
Tgt Ion: 93 Resp: 630558

Ion Ratio Lower Upper

93 100

95 33.3 27.0 40.4

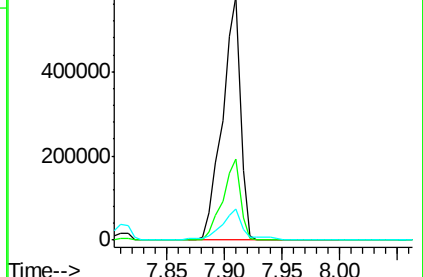
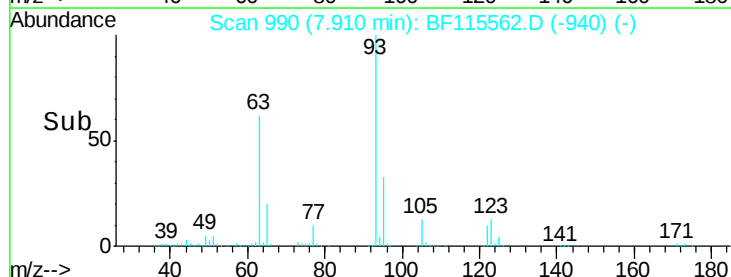
123 12.6 9.9 14.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

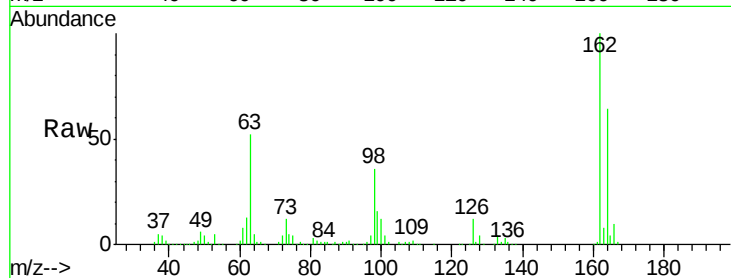




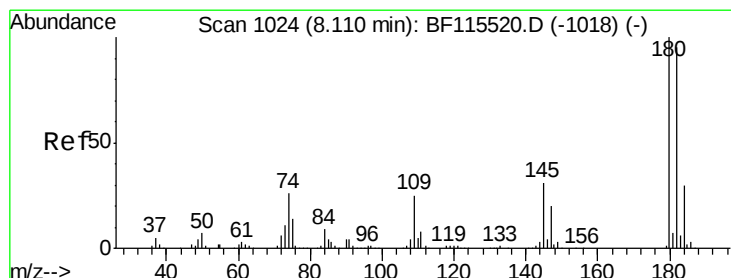
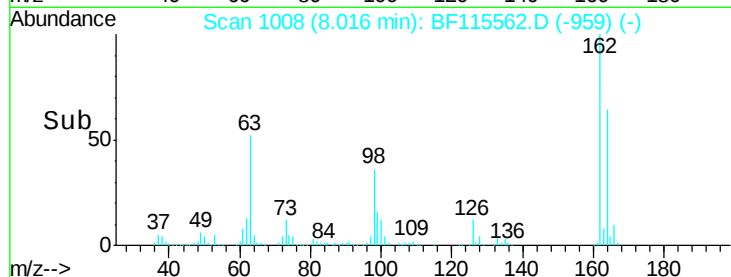
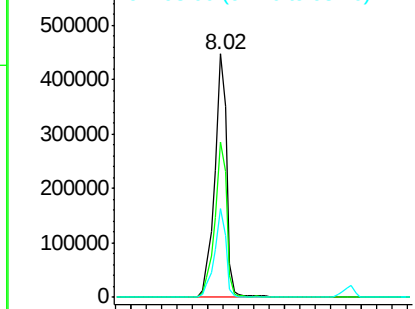
#29
2,4-Dichlorophenol
Concen: 48.145 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.9	84.9
98	36.3	17.7	57.7

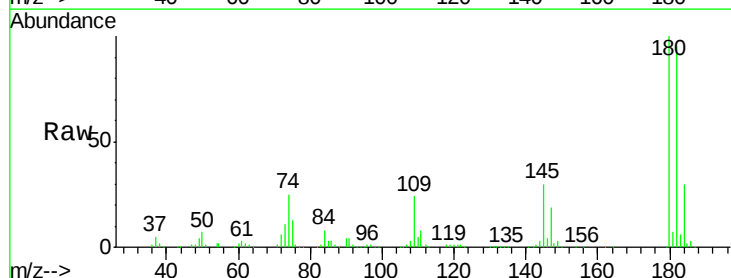


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

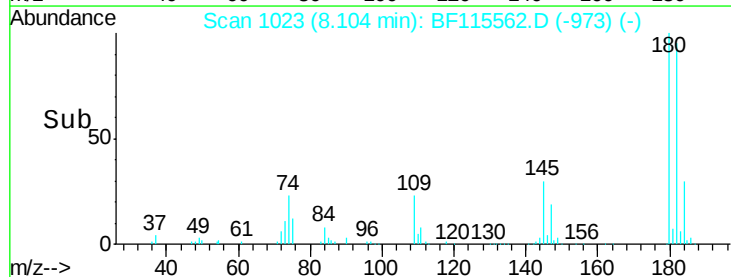
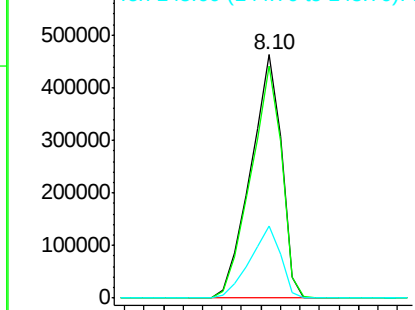


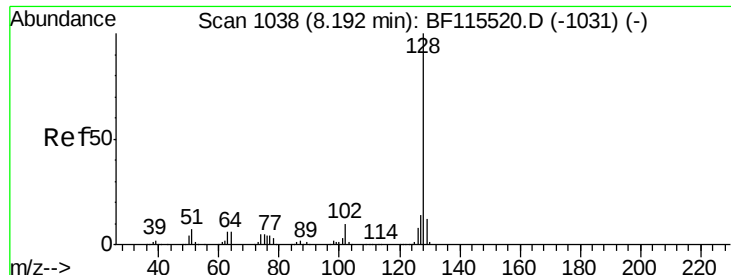
#30
1,2,4-Trichlorobenzene
Concen: 45.963 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.0	112.6
145	29.8	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

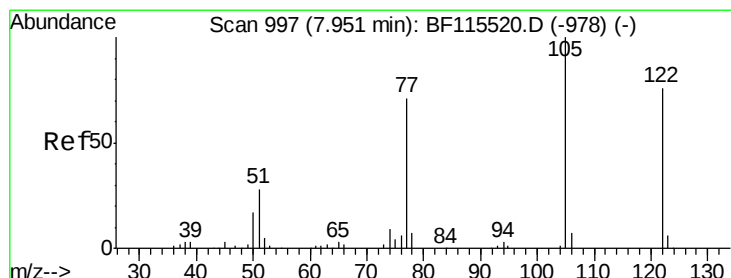
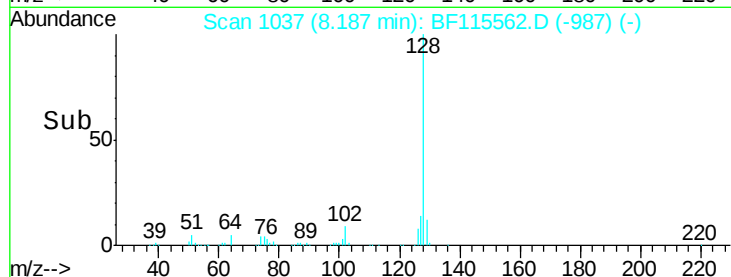
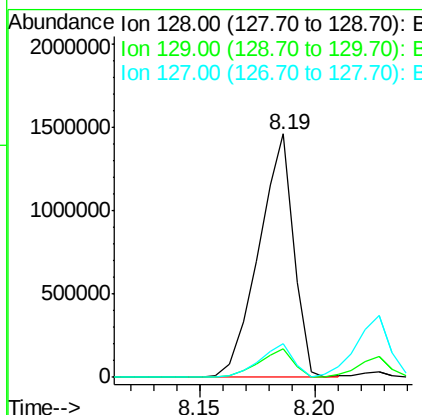
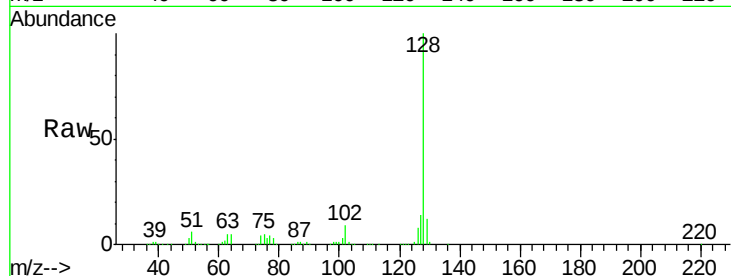




#31
Naphthalene
Concen: 48.257 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

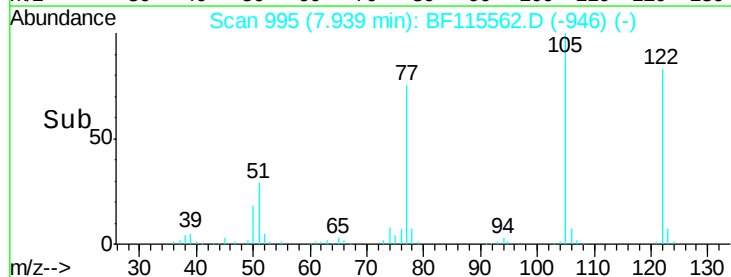
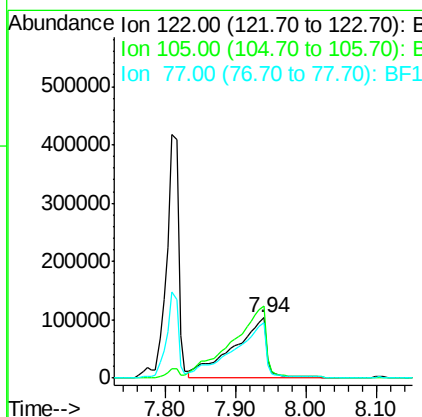
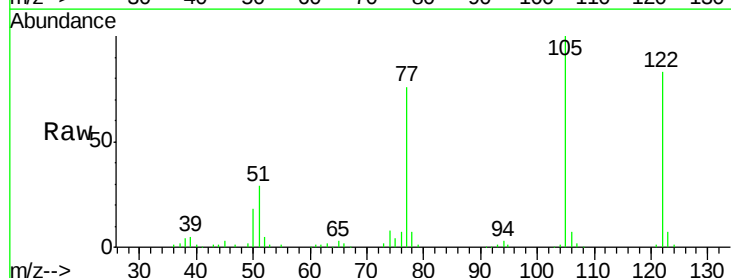
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1531077
Ion Ratio Lower Upper
128 100
129 11.5 9.9 14.9
127 13.7 12.1 18.1



#32
Benzoic acid
Concen: 44.830 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:122 Resp: 344320
Ion Ratio Lower Upper
122 100
105 120.6 102.5 142.5
77 91.3 70.2 110.2

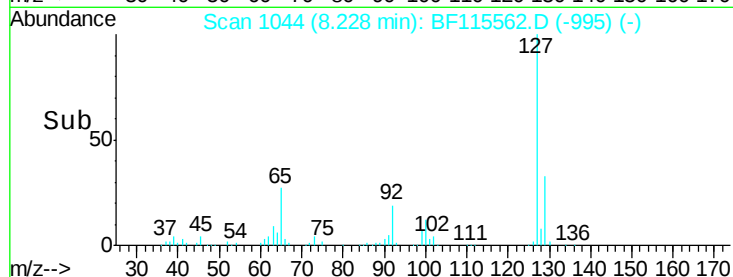
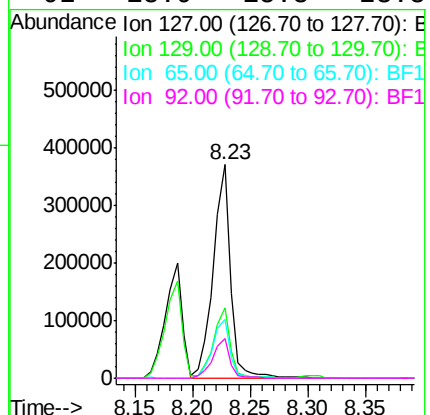
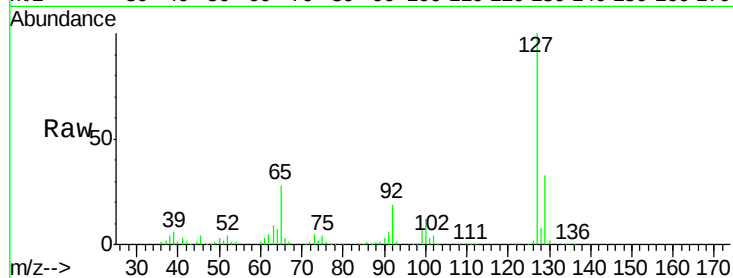




#33
4-Chloroaniline
Concen: 27.536 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

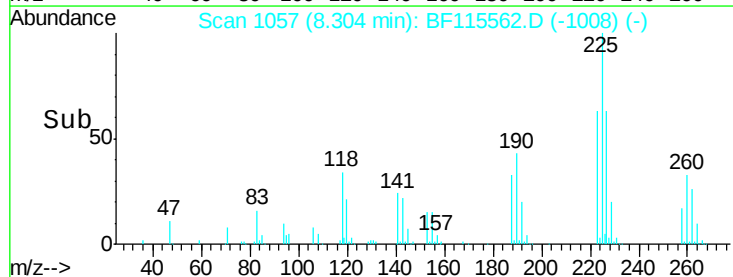
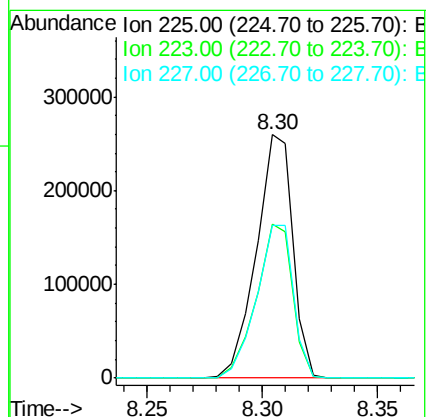
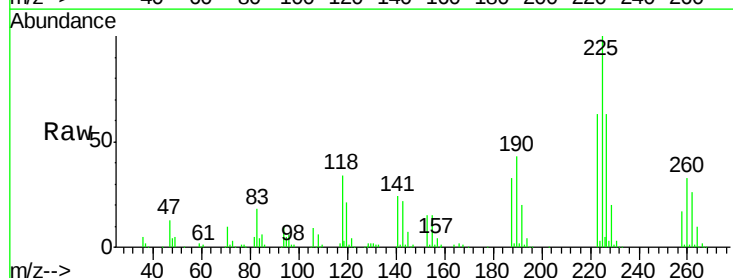
Instrument :
BNA_F
ClientSampled :

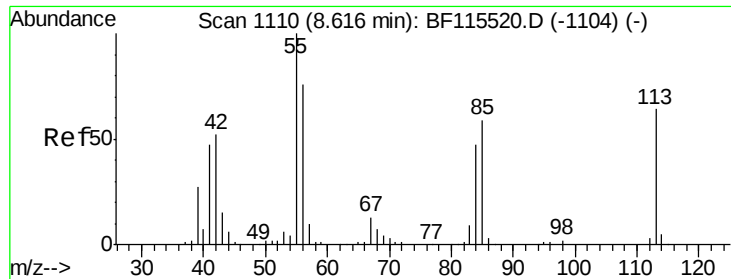
Tot Ion:	127	Resp:	386984
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	39.8
65	27.5	23.7	35.5
92	18.9	15.8	23.8



#34
Hexachlorobutadiene
Concen: 45.272 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:	225	Resp:	285633
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.9	76.3
227	62.8	50.7	76.1

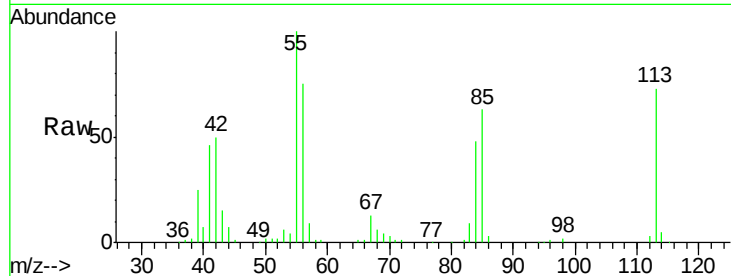




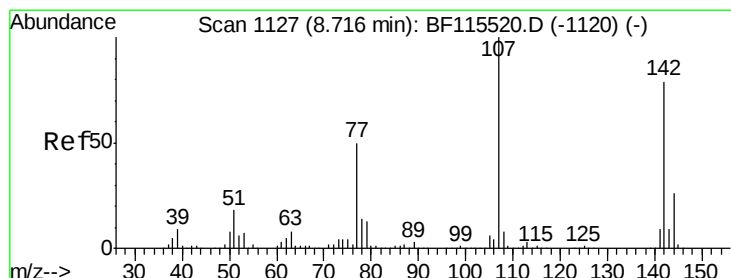
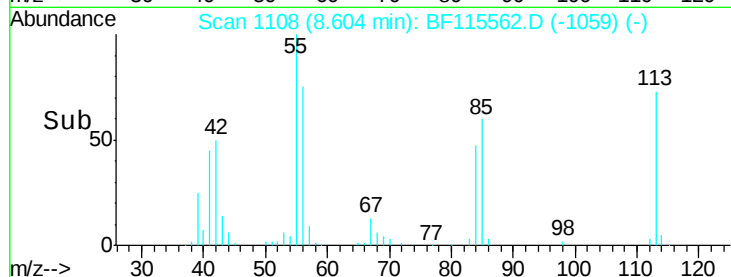
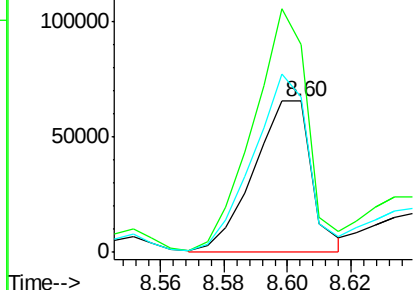
#35
 Caprolactam
 Concen: 27.577 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 82944
 Ion Ratio Lower Upper
 113 100
 55 137.6 126.9 166.9
 56 102.8 90.3 130.3

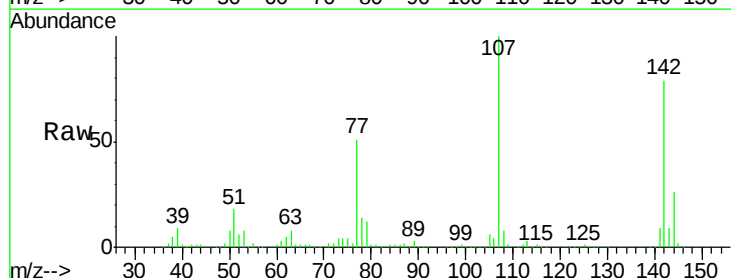


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

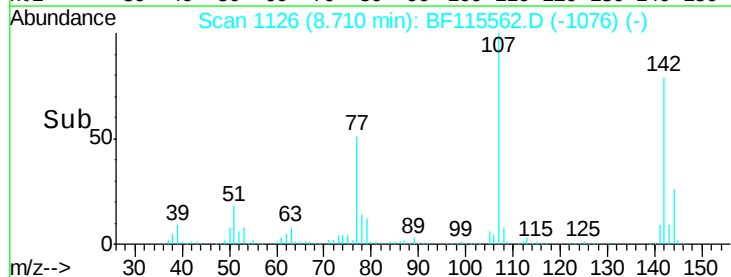
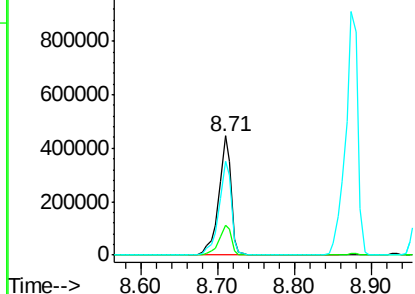


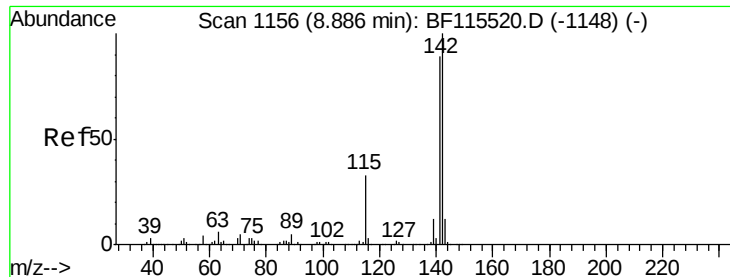
#36
 4-Chloro-3-methylphenol
 Concen: 48.045 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Tgt Ion:107 Resp: 485080
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.6 30.8
 142 79.0 63.1 94.7



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

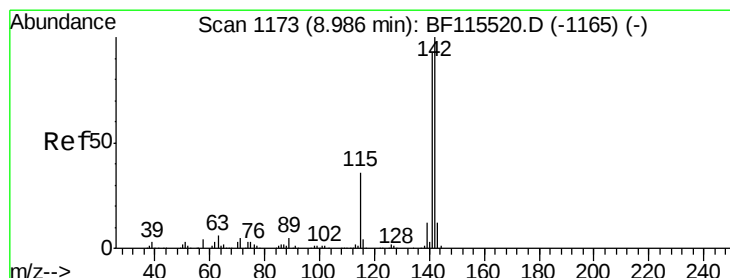
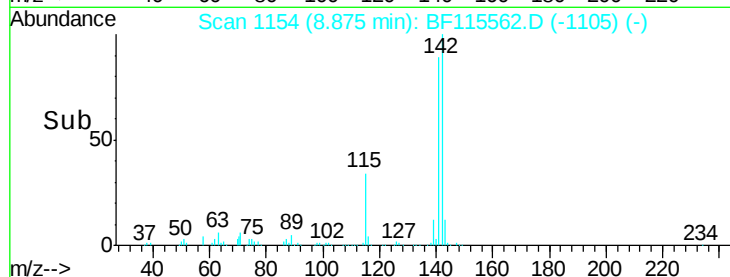
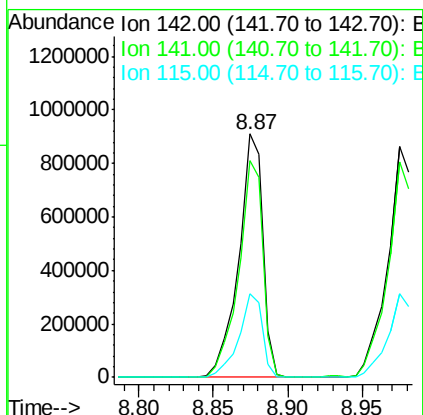
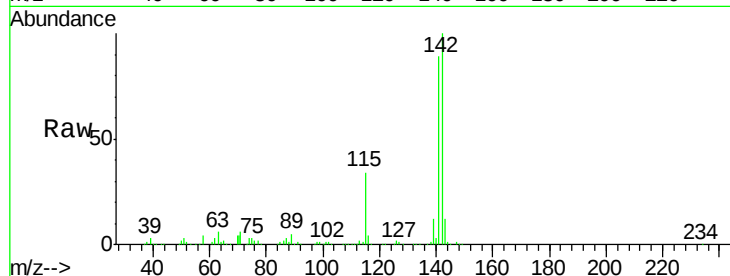




#37
 2-Methylnaphthalene
 Concen: 48.749 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

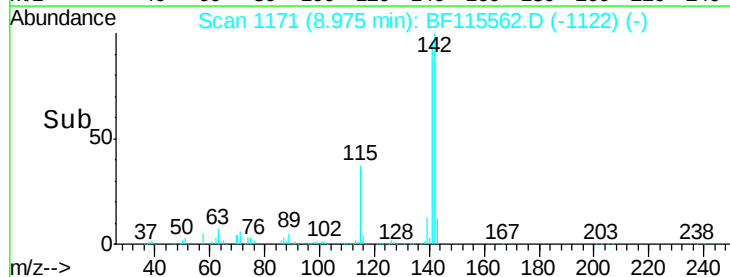
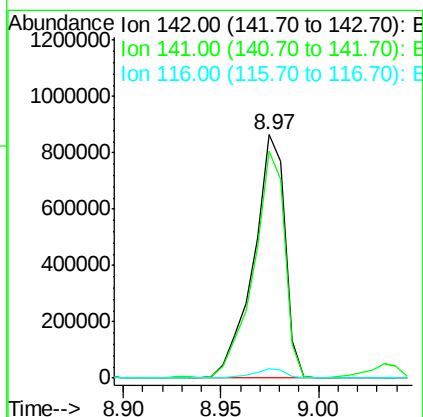
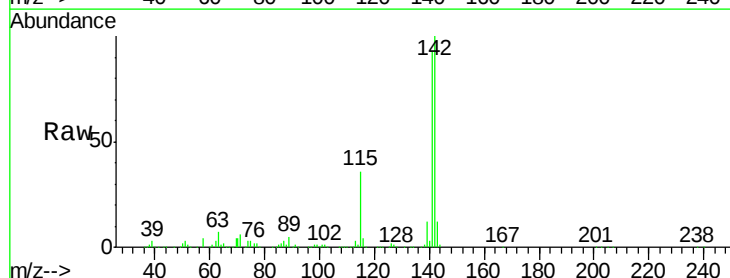
Instrument :
 BNA_F
 ClientSampleId :

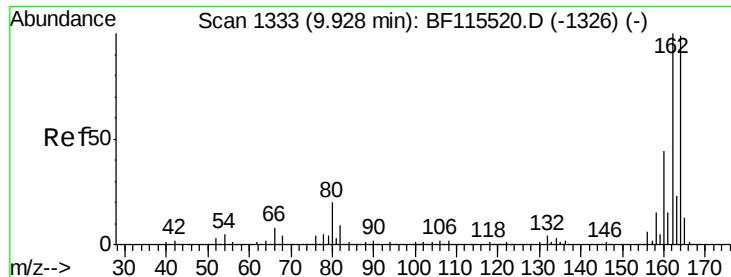
Tot Ion:142 Resp: 1025256
 Ion Ratio Lower Upper
 142 100
 141 89.0 72.0 108.0
 115 34.2 29.9 44.9



#38
 1-Methylnaphthalene
 Concen: 48.390 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Tgt Ion:142 Resp: 966671
 Ion Ratio Lower Upper
 142 100
 141 93.1 75.3 112.9
 116 3.9 3.3 4.9

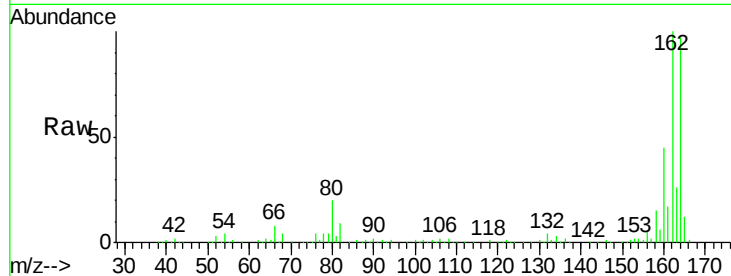




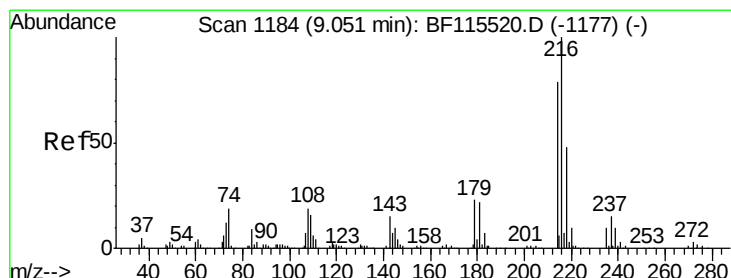
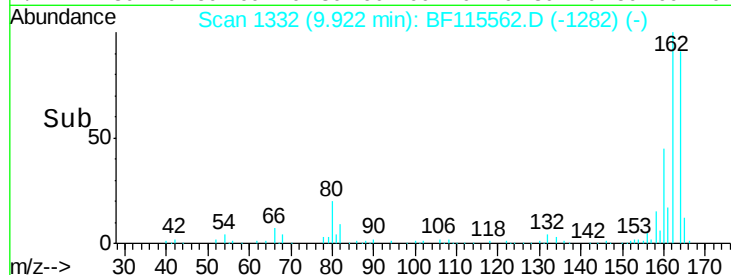
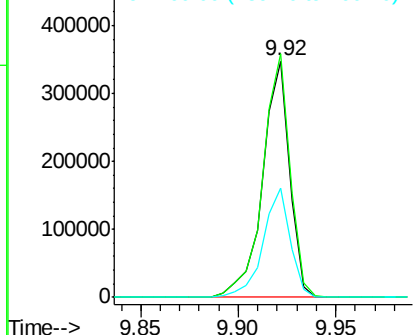
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 333165
Ion Ratio Lower Upper
164 100
162 103.0 82.9 124.3
160 46.3 36.8 55.2

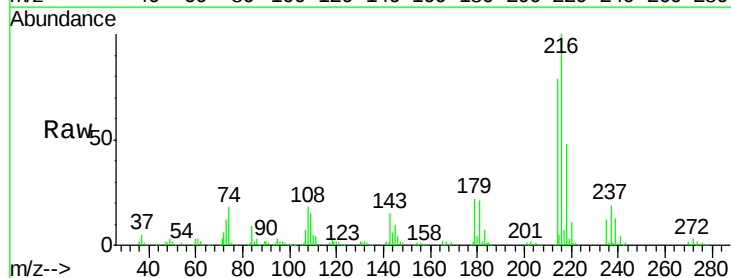


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

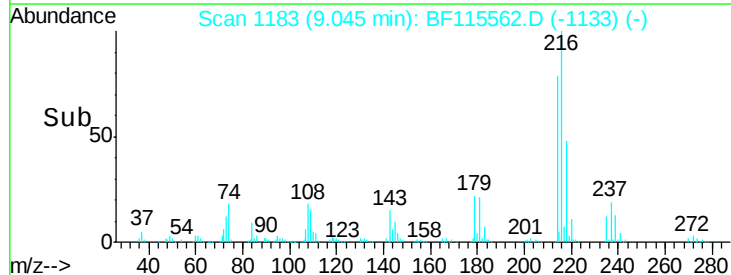
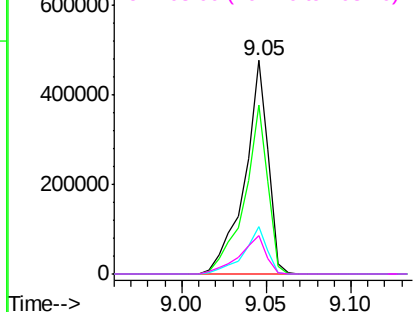


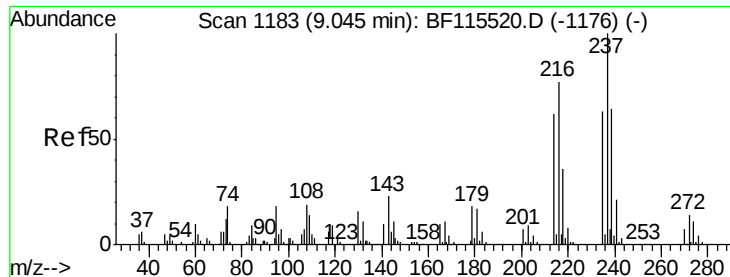
#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.934 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:216 Resp: 460848
Ion Ratio Lower Upper
216 100
214 78.7 65.1 97.7
179 21.9 18.3 27.5
108 20.5 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: 83.265 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

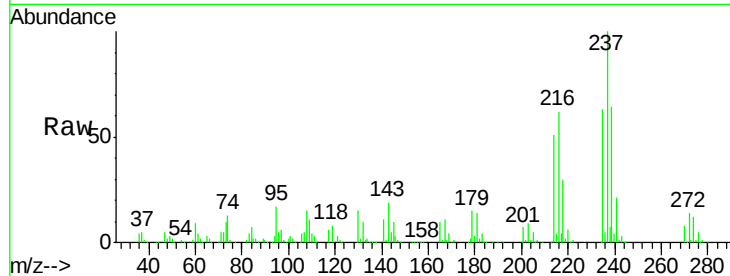
Tot Ion:237 Resp: 476534

Ion Ratio Lower Upper

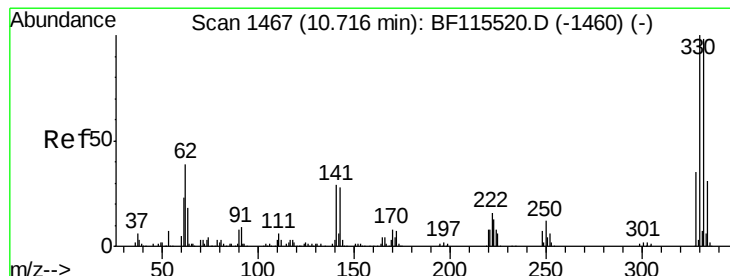
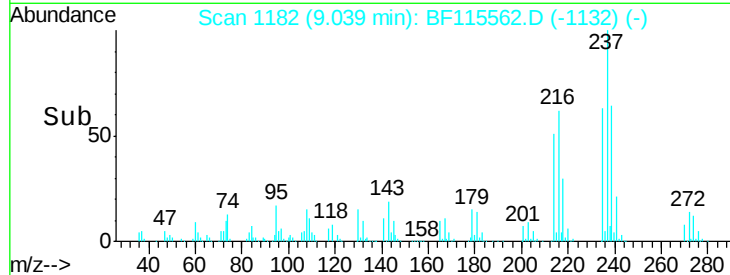
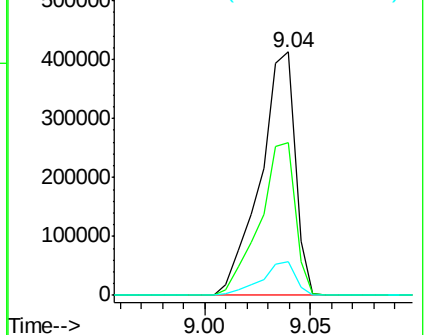
237 100

235 62.7 43.6 83.6

272 14.1 0.0 33.9



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



#42

2,4,6-Tribromophenol

Concen: 132.939 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

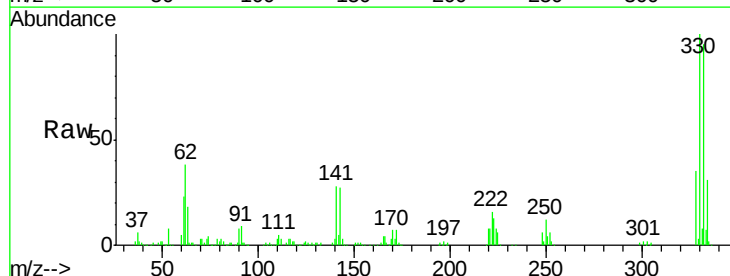
Tgt Ion:330 Resp: 516977

Ion Ratio Lower Upper

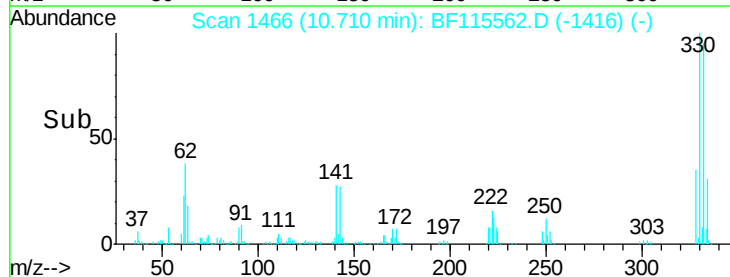
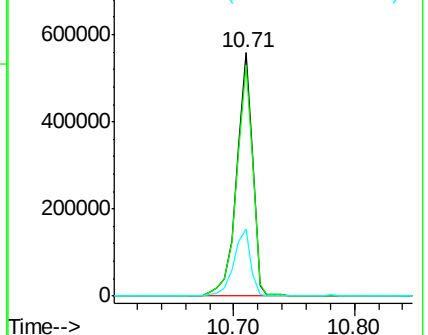
330 100

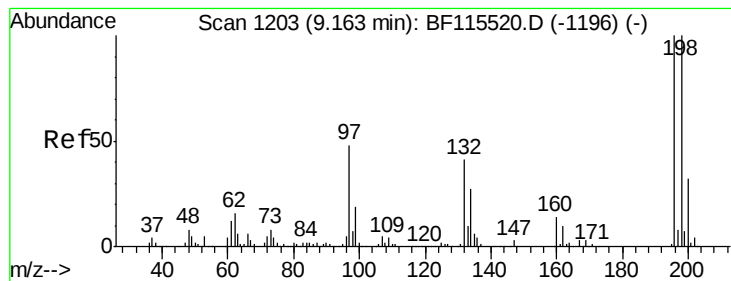
332 96.7 77.4 116.2

141 29.3 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: 46.944 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampled :

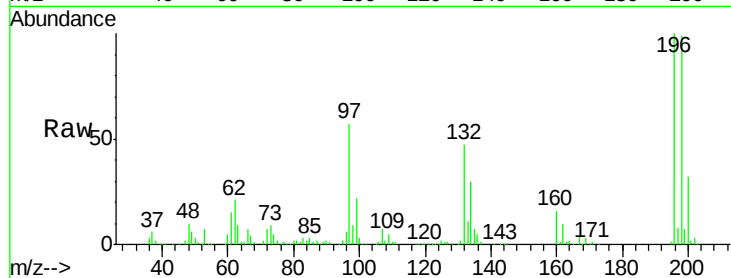
Tot Ion:196 Resp: 344422

Ion Ratio Lower Upper

196 100

198 99.3 80.6 121.0

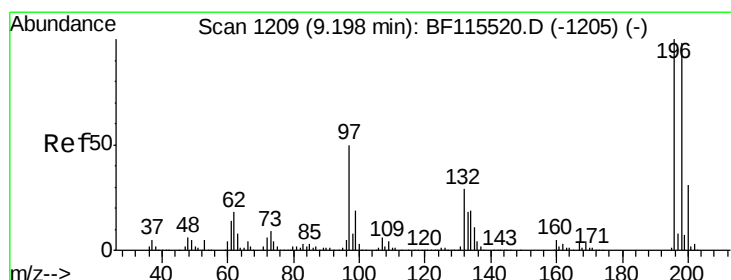
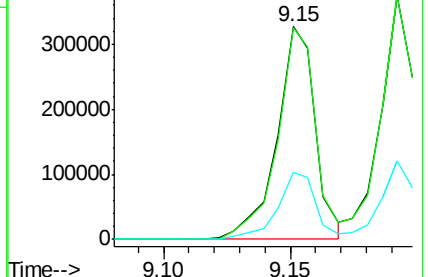
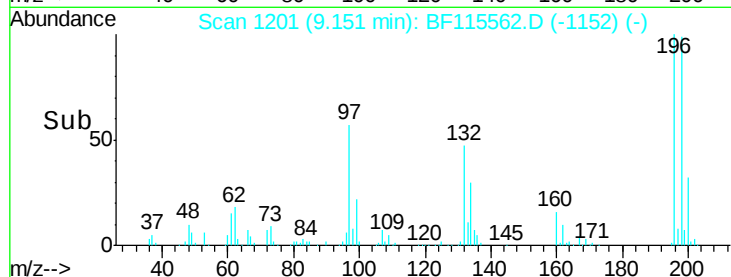
200 31.7 25.8 38.6



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: 46.805 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Tgt Ion:196 Resp: 351679

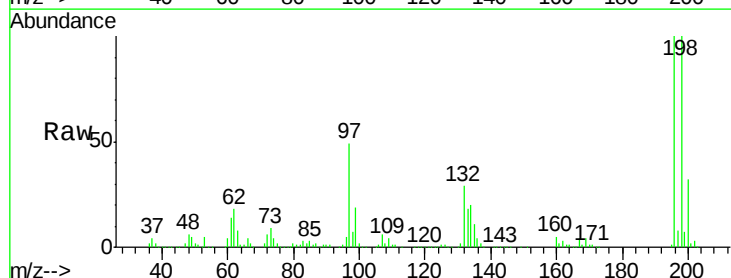
Ion Ratio Lower Upper

196 100

198 99.8 79.6 119.4

97 49.0 37.8 56.6

132 28.9 22.8 34.2

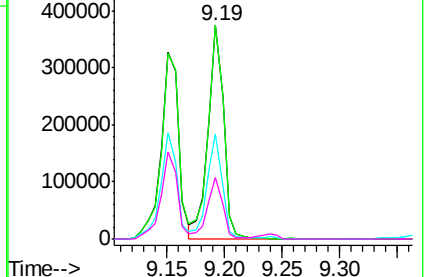
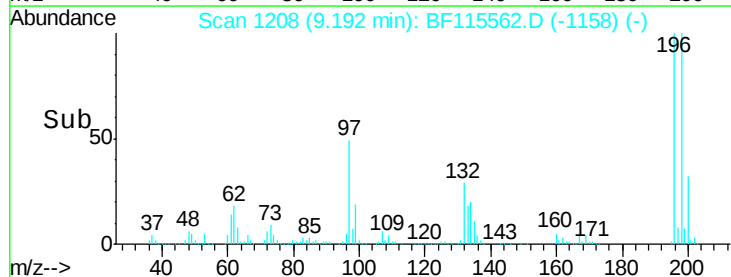


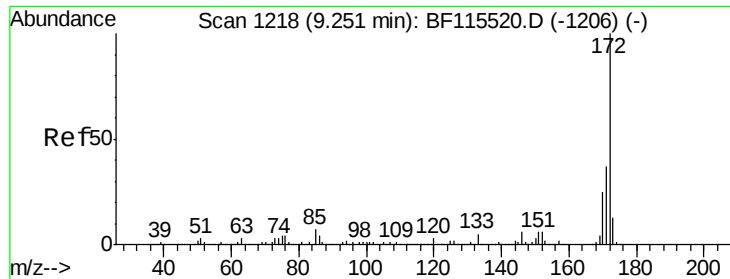
Abundance Ion 196.00 (195.70 to 196.70): E

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

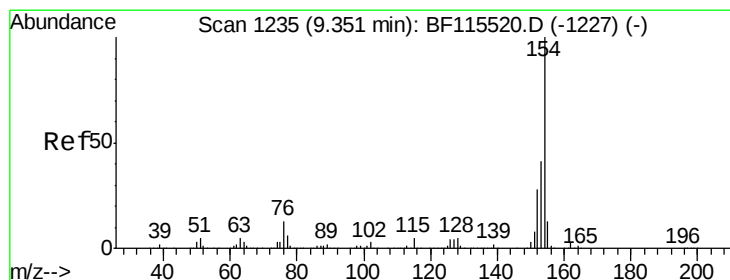
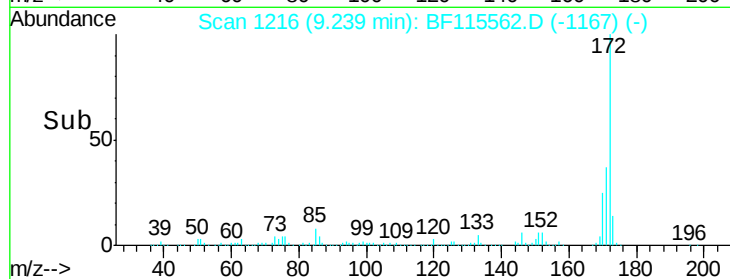
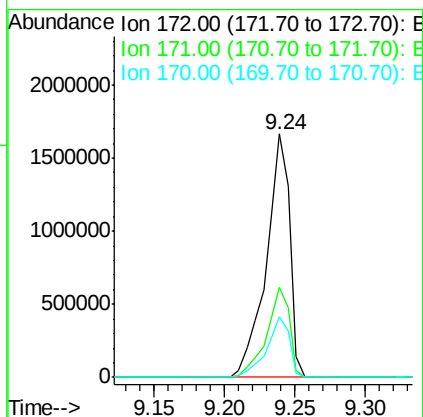
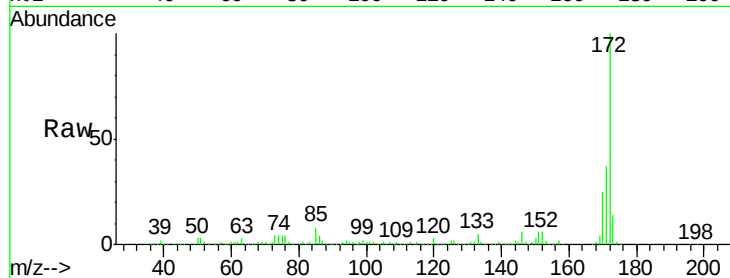




#45
2-Fluorobiphenyl
Concen: 101.819 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

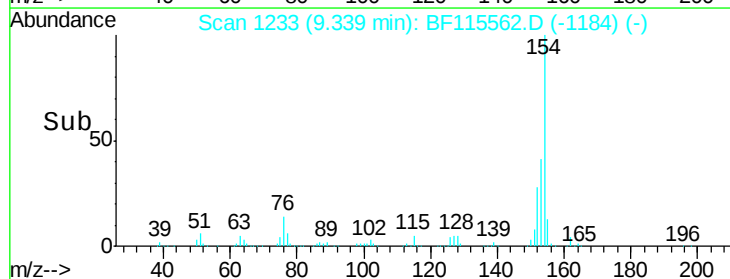
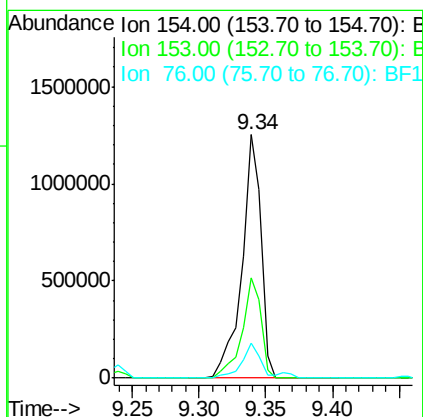
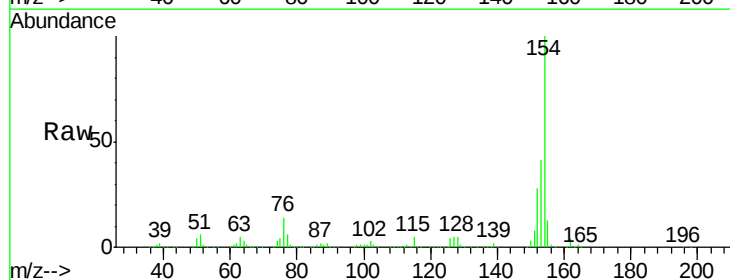
Instrument :
BNA_F
ClientSampleId :

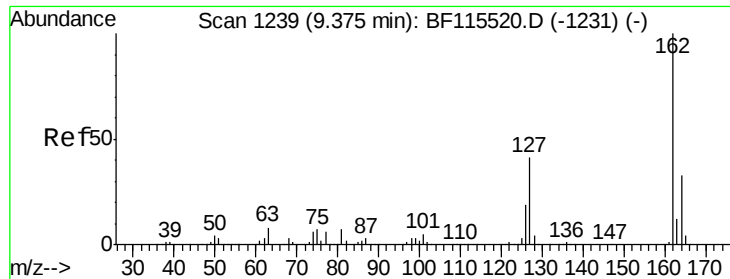
Tot Ion:172 Resp: 1938115
Ion Ratio Lower Upper
172 100
171 37.1 30.6 46.0
170 25.0 20.5 30.7



#46
1,1'-Biphenyl
Concen: 47.769 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:154 Resp: 1244202
Ion Ratio Lower Upper
154 100
153 41.3 22.6 62.6
76 14.2 0.0 33.4

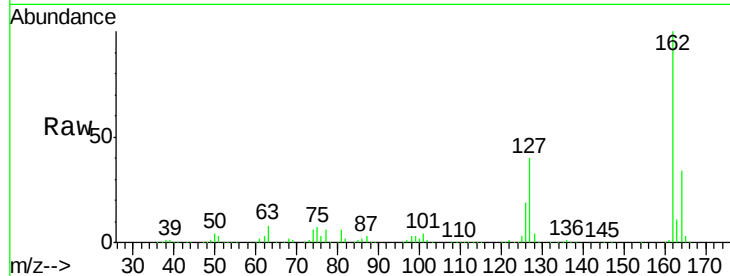




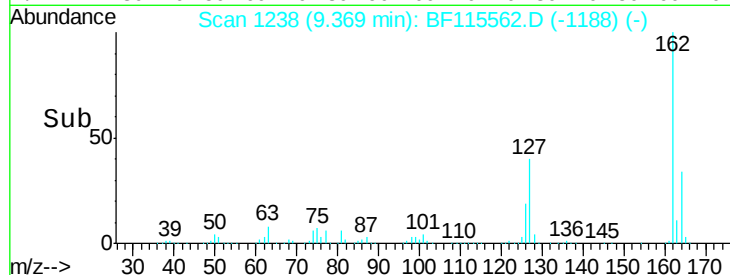
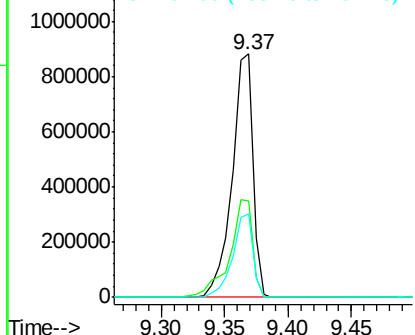
#47
2-Chloronaphthalene
Concen: 45.648 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 990004
Ion Ratio Lower Upper
162 100
127 39.8 34.1 51.1
164 34.2 27.4 41.2

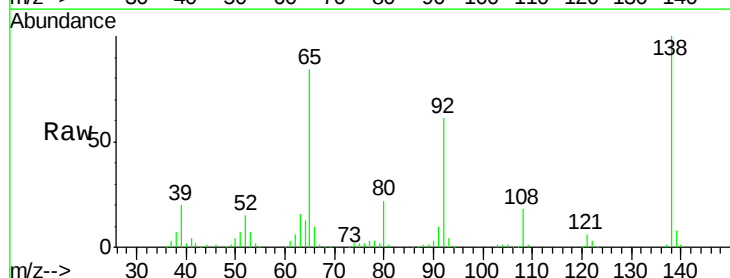


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

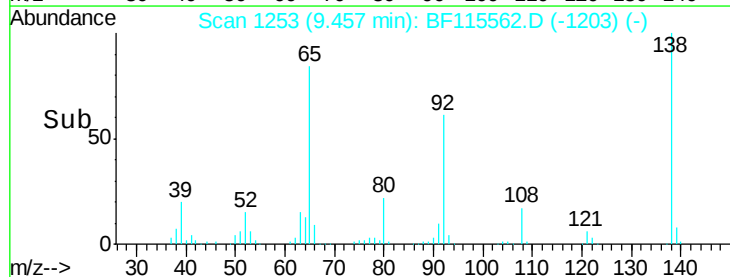
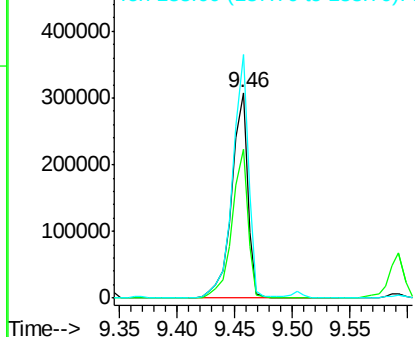


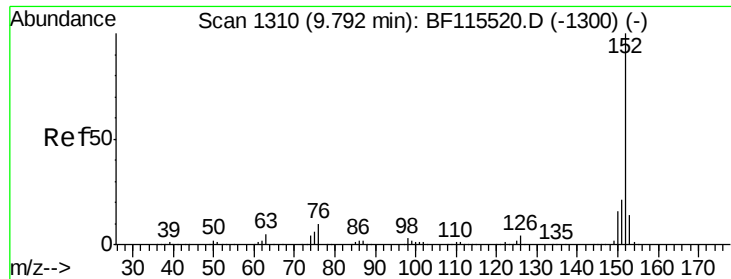
#48
2-Nitroaniline
Concen: 44.468 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion: 65 Resp: 298495
Ion Ratio Lower Upper
65 100
92 72.5 57.8 86.6
138 118.5 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.066 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

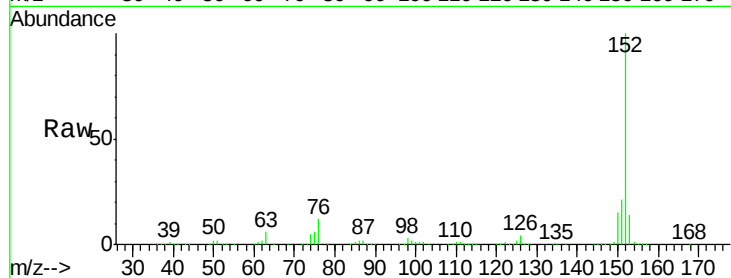
Tot Ion:152 Resp: 1512505

Ion Ratio Lower Upper

152 100

151 21.0 17.7 26.5

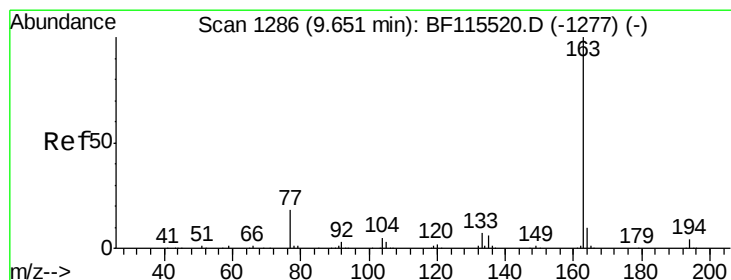
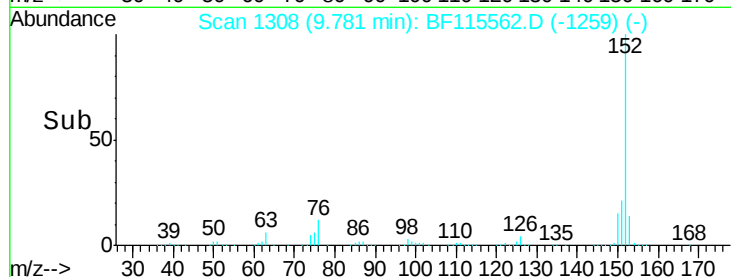
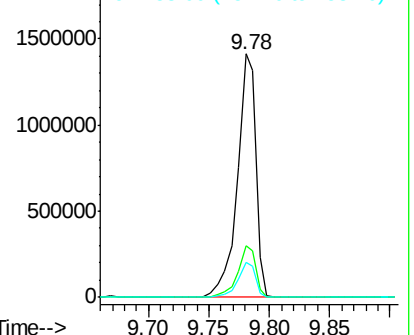
153 14.4 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.036 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

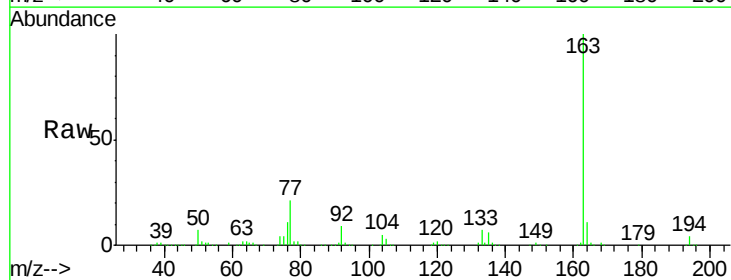
Tgt Ion:163 Resp: 1153949

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

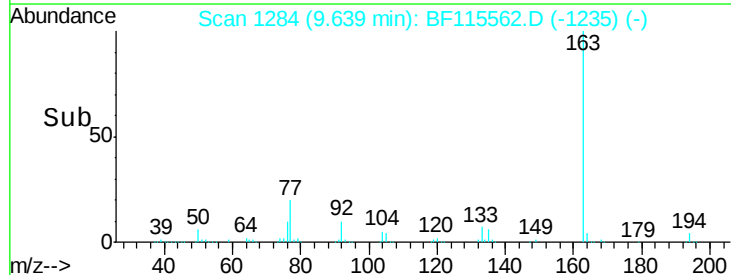
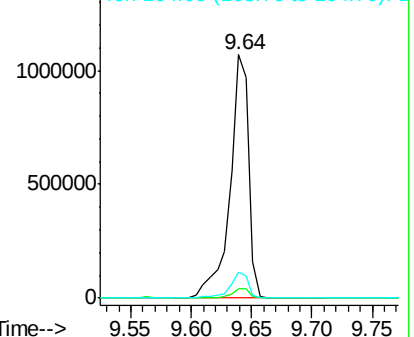
164 10.5 8.7 13.1

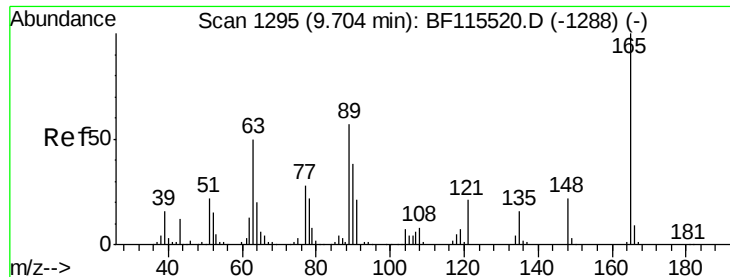


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

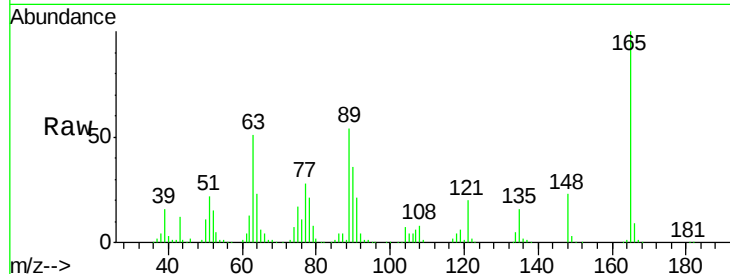




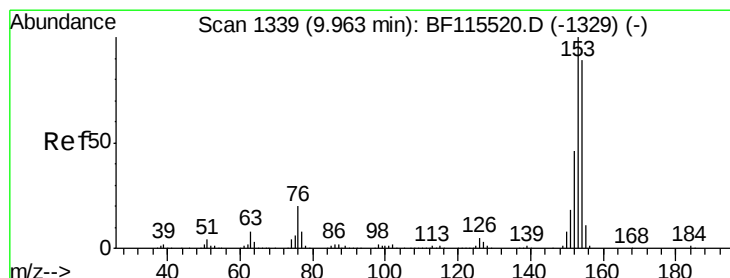
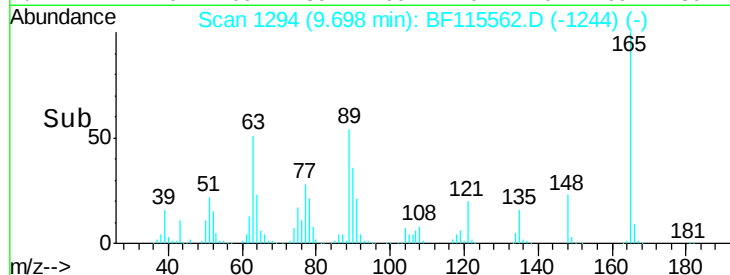
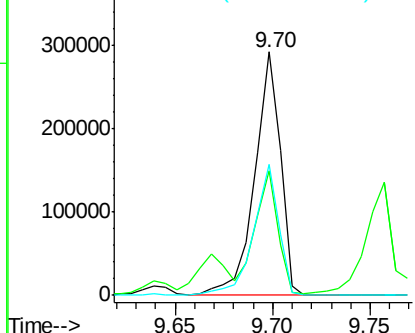
#51
2,6-Dinitrotoluene
Concen: 47.116 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.4	40.6	61.0
89	53.5	43.9	65.9

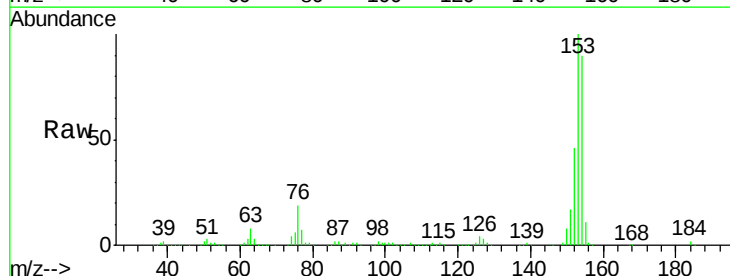


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

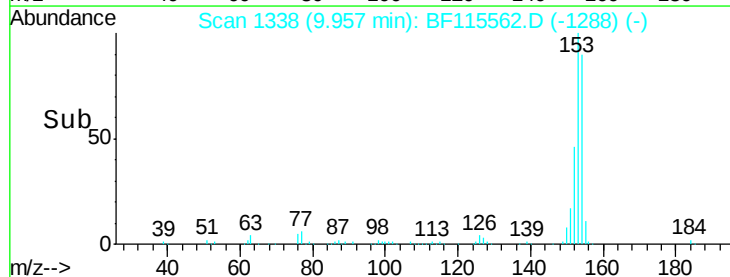
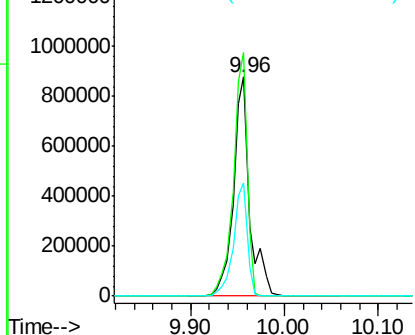


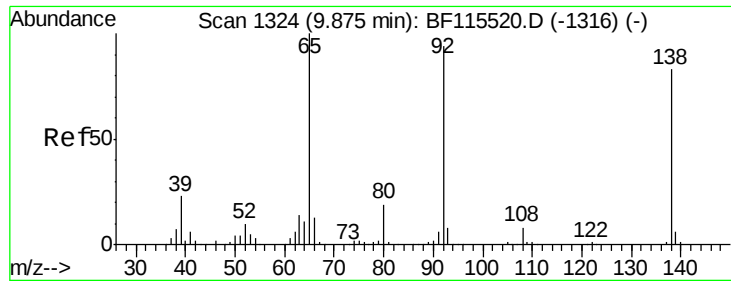
#52
Acenaphthene
Concen: 50.790 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.2	88.6	133.0
152	51.5	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

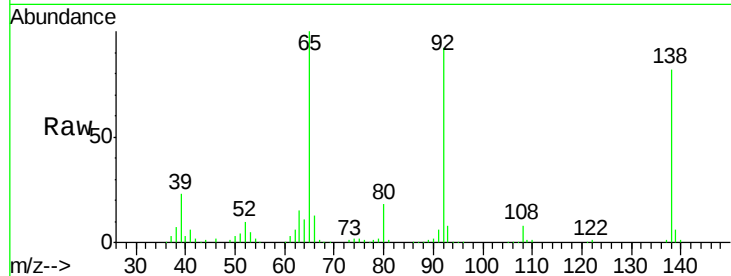




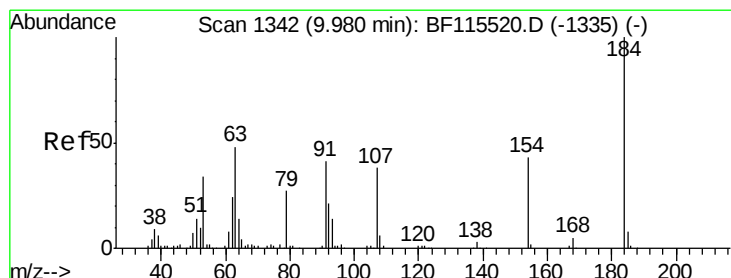
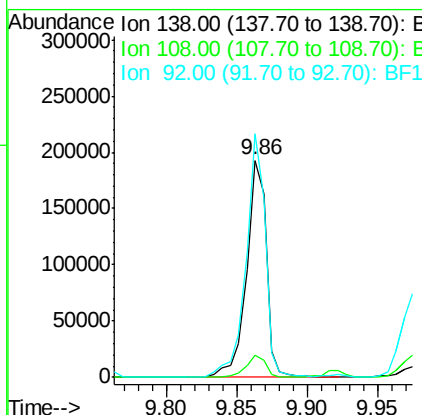
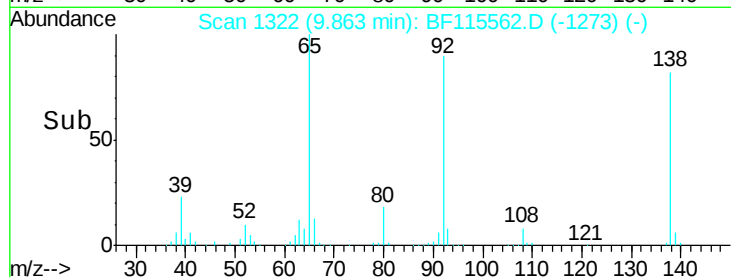
#53
 3-Nitroaniline
 Concen: 29.284 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:138 Resp: 190629
 Ion Ratio Lower Upper
 138 100
 108 10.4 8.4 12.6
 92 112.3 88.0 132.0

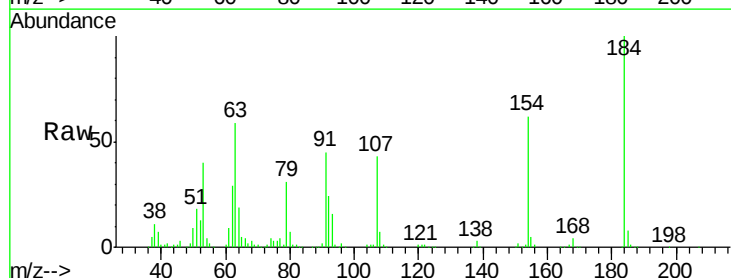


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

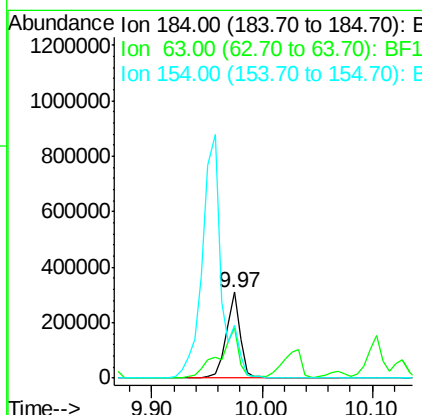
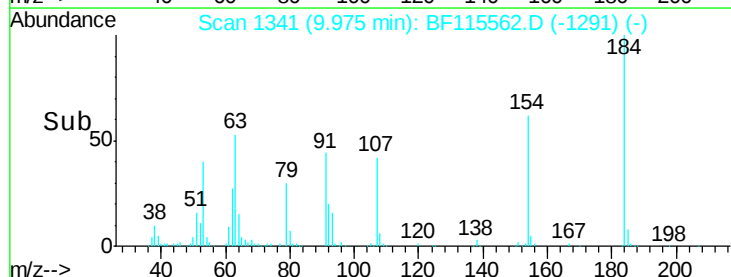


#54
 2,4-Dinitrophenol
 Concen: 95.290 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Tgt Ion:184 Resp: 278692
 Ion Ratio Lower Upper
 184 100
 63 58.5 48.7 73.1
 154 62.0 48.6 73.0



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

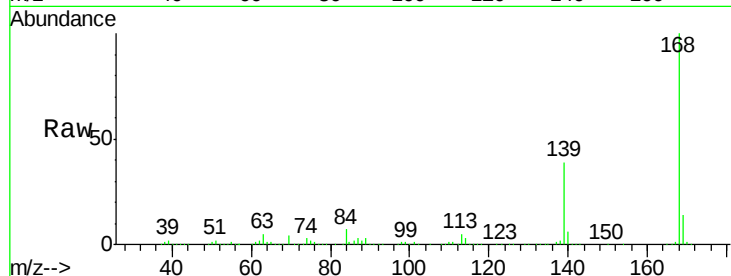




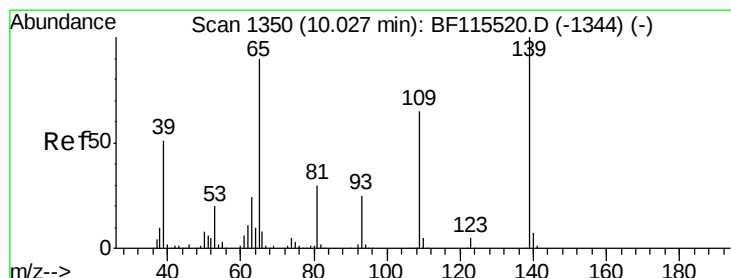
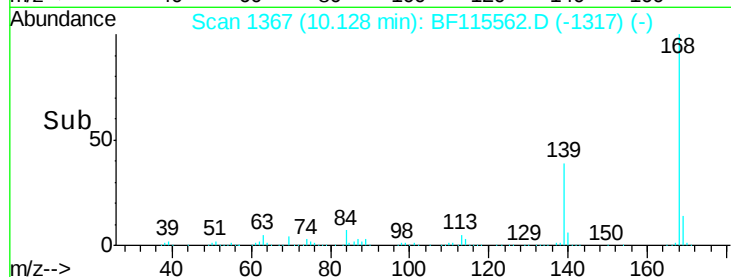
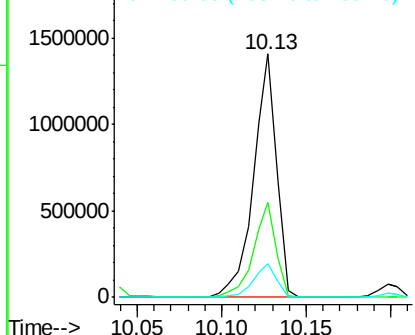
#55
Dibenzenofuran
Concen: 45.535 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1341622
Ion Ratio Lower Upper
168 100
139 39.0 31.1 46.7
169 14.0 11.1 16.7

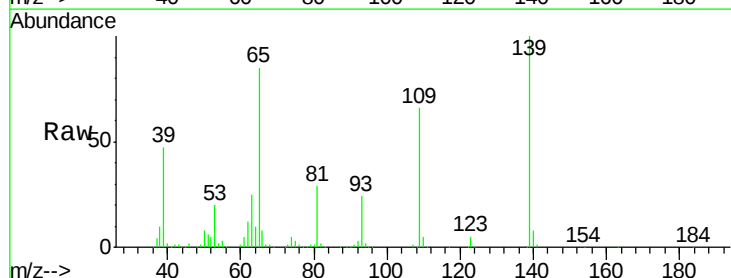


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

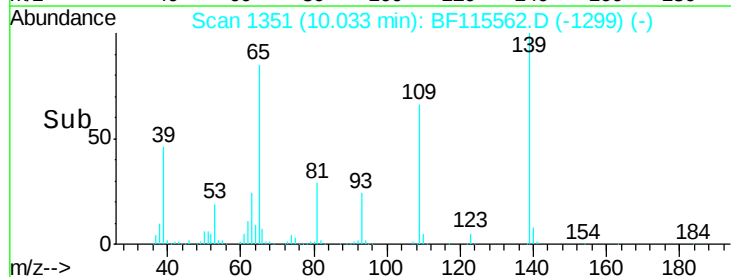
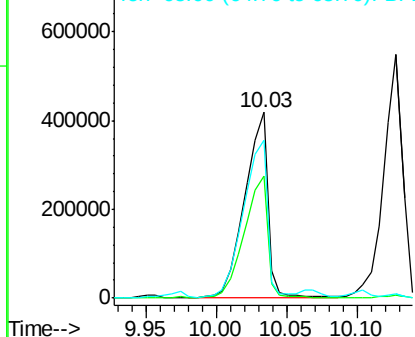


#56
4-Nitrophenol
Concen: 97.240 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:139 Resp: 482698
Ion Ratio Lower Upper
139 100
109 66.0 46.4 86.4
65 84.7 68.9 108.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

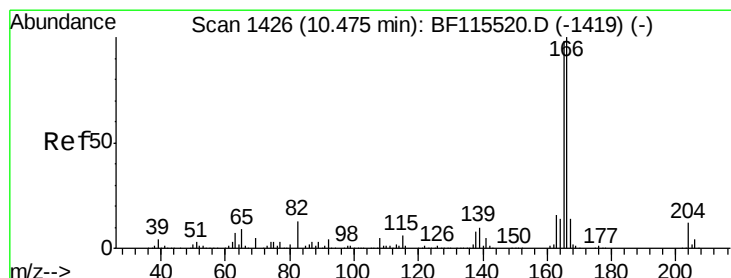
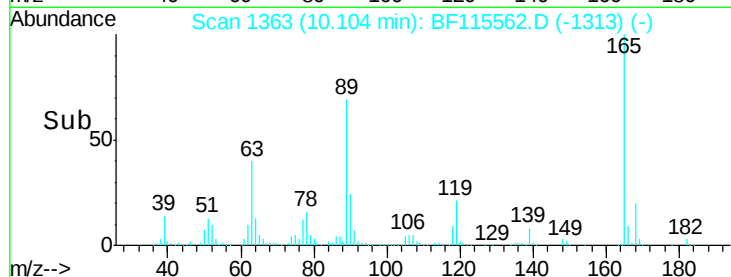
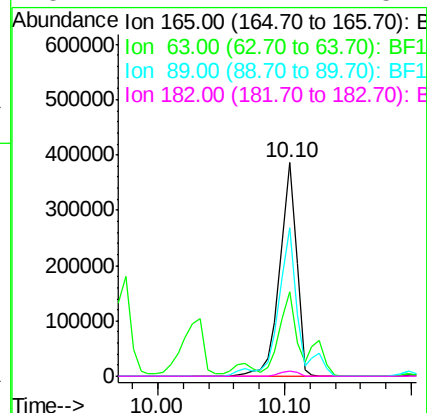
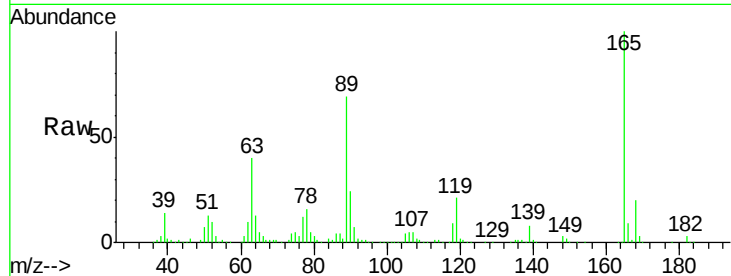




#57
2,4-Dinitrotoluene
Concen: 48.058 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

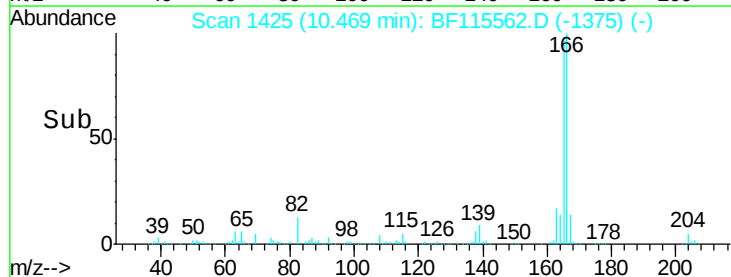
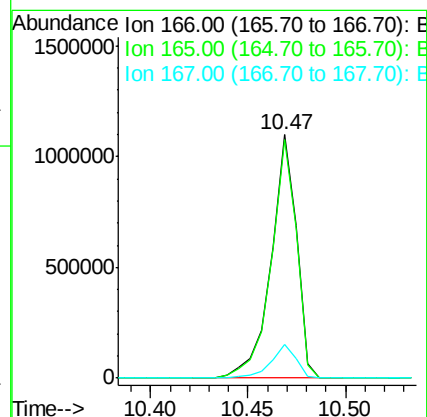
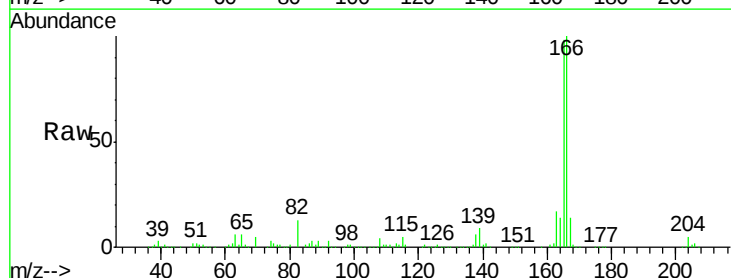
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.5	34.9	52.3
89	69.5	57.5	86.3
182	2.7	2.2	3.4



#58
Fluorene
Concen: 47.187 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.8	119.6
167	13.6	11.2	16.8

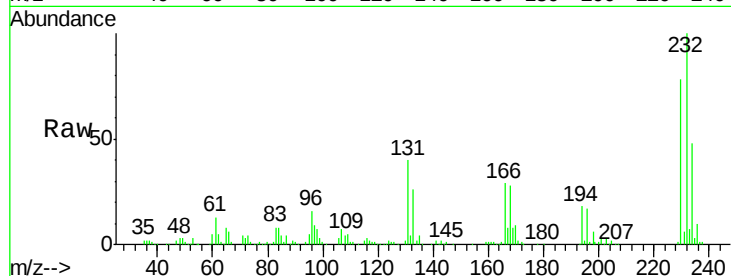




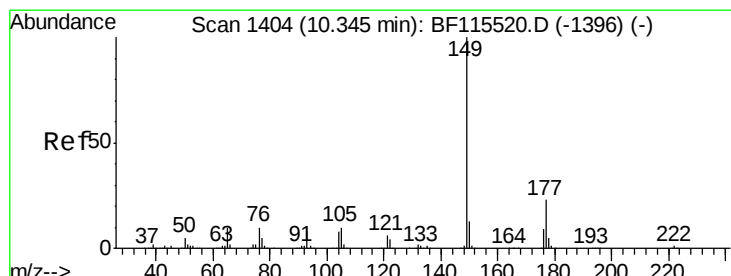
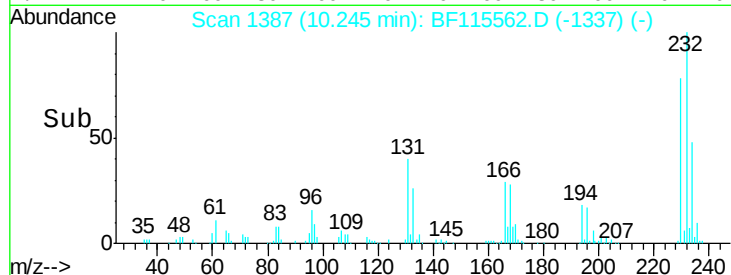
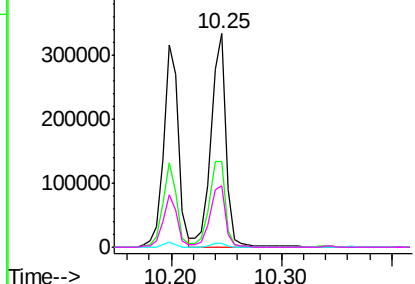
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.533 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.0	35.9	53.9
130	2.1	1.8	2.6
166	29.5	24.8	37.2

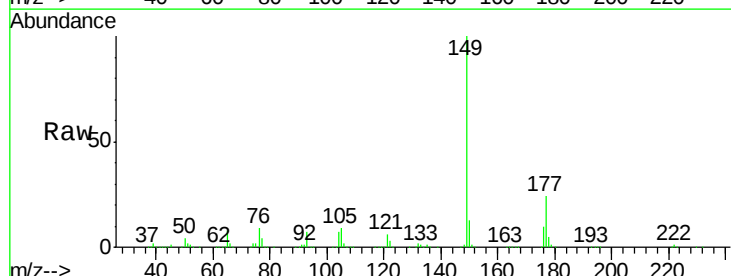


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

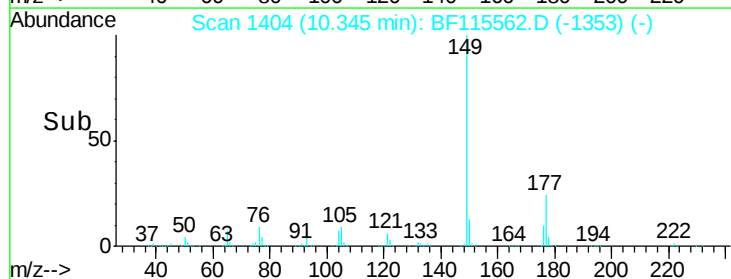
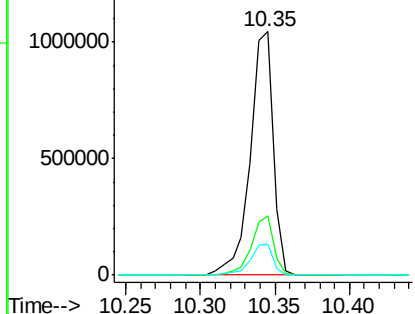


#60
Diethylphthalate
Concen: 47.060 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	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

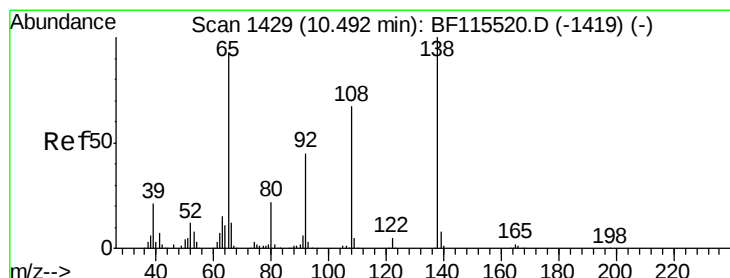
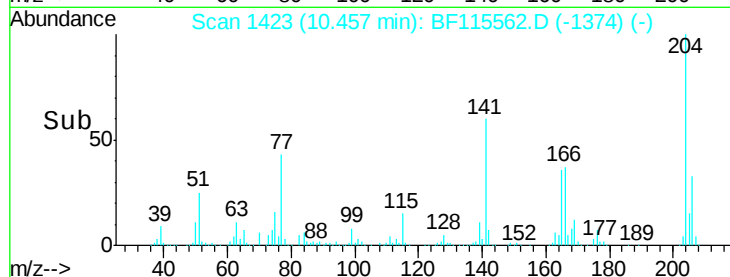
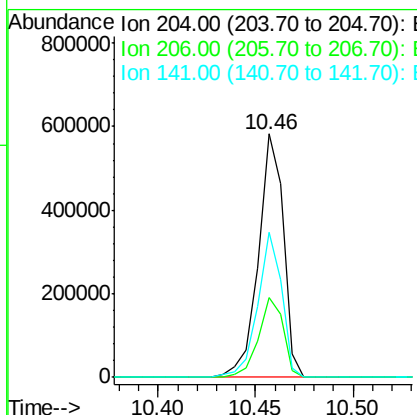
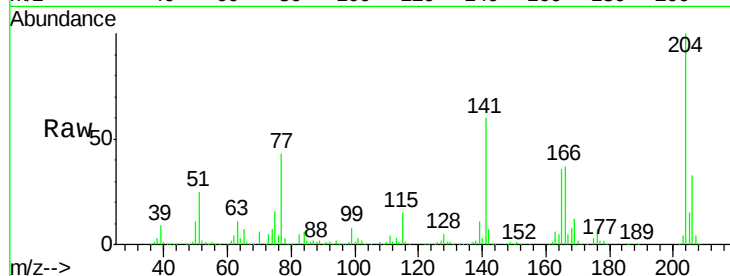




#61
 4-Chlorophenyl-phenylether
 Concen: 44.279 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

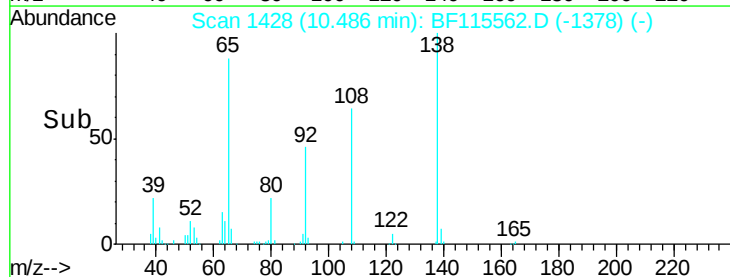
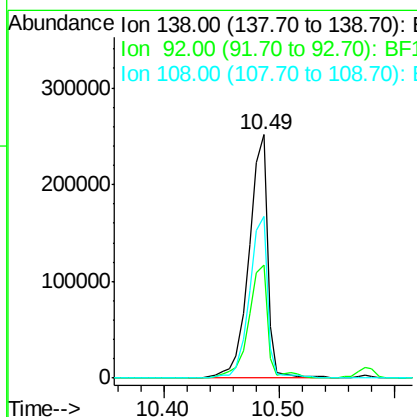
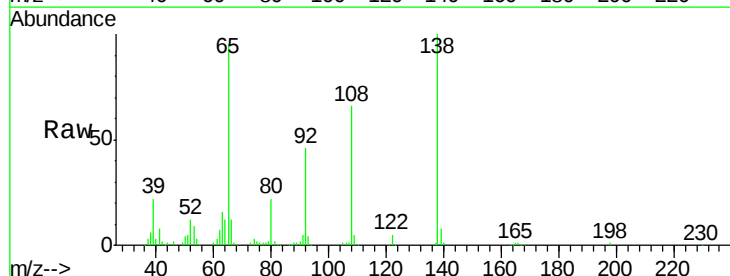
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.7	40.1
141	59.8	44.2	66.2



#62
 4-Nitroaniline
 Concen: 45.299 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.5	27.1	67.1
108	66.4	48.0	88.0

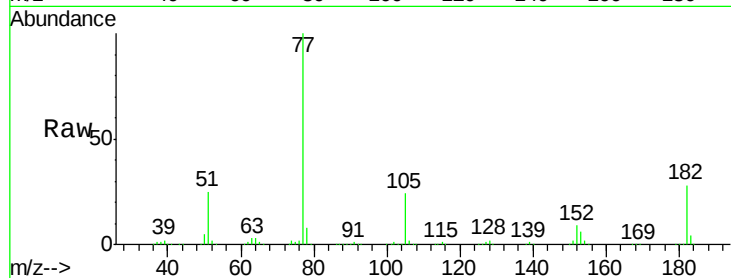




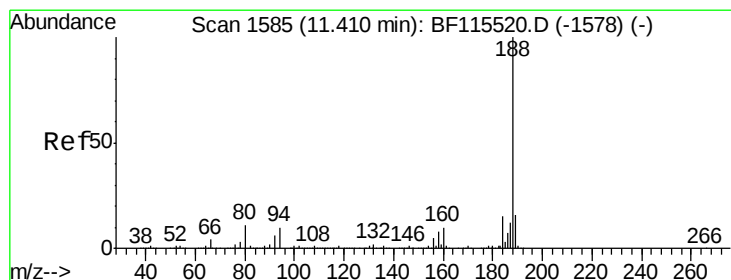
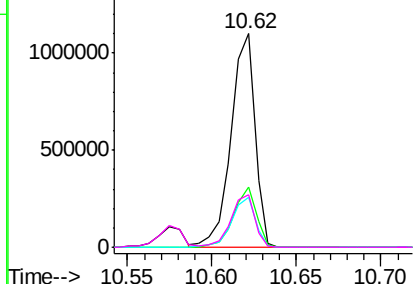
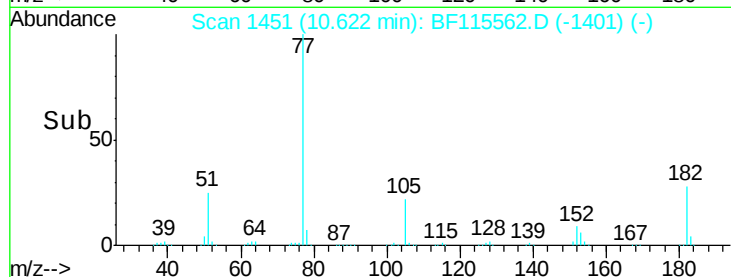
#63
Azobenzene
Concen: 47.524 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1082619
Ion Ratio Lower Upper
77 100
182 28.0 6.9 46.9
105 23.5 3.9 43.9
51 24.8 7.3 47.3

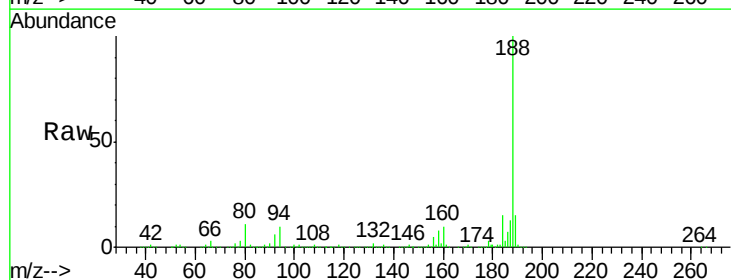


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

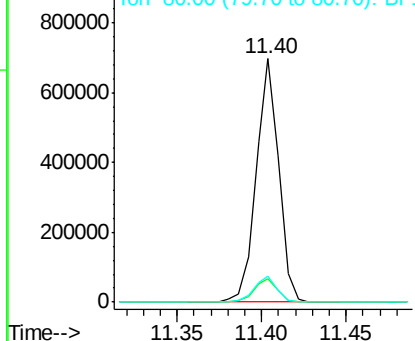
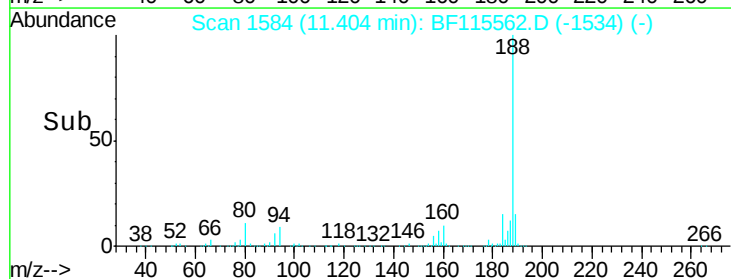


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion: 188 Resp: 648119
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): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

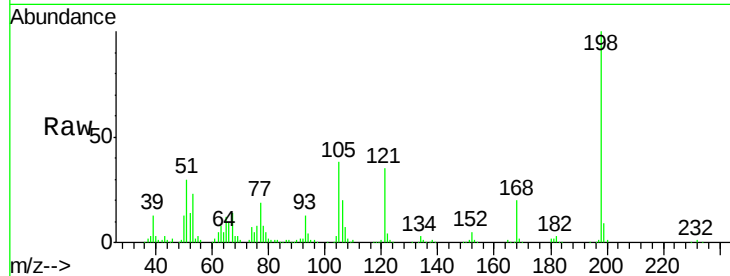




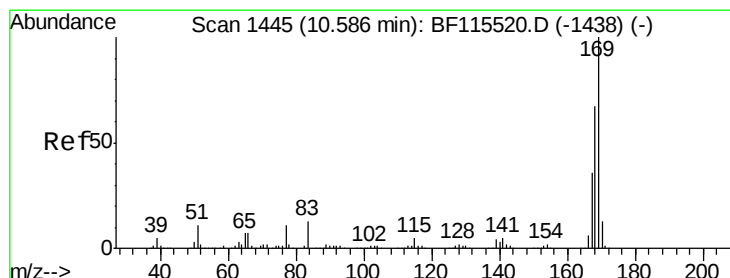
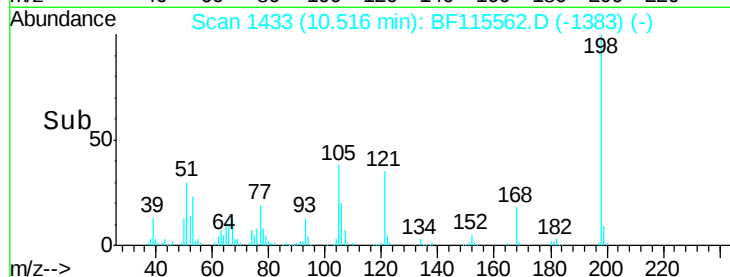
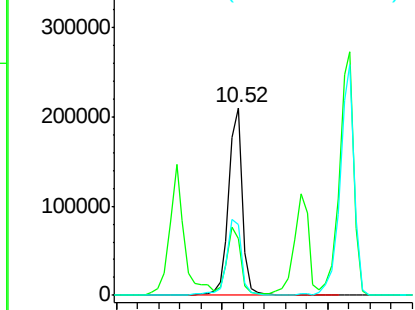
#65
4,6-Dinitro-2-methylphenol
Concen: 48.099 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 190461
Ion Ratio Lower Upper
198 100
51 30.1 19.1 59.1
105 38.0 23.6 63.6

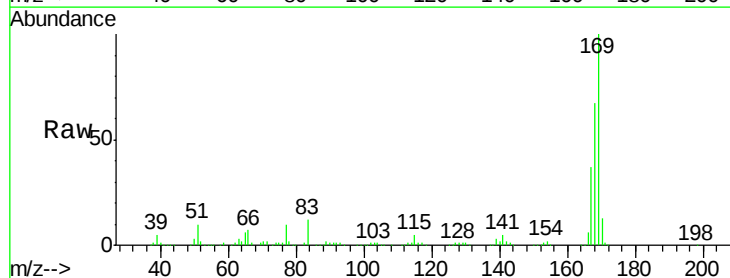


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

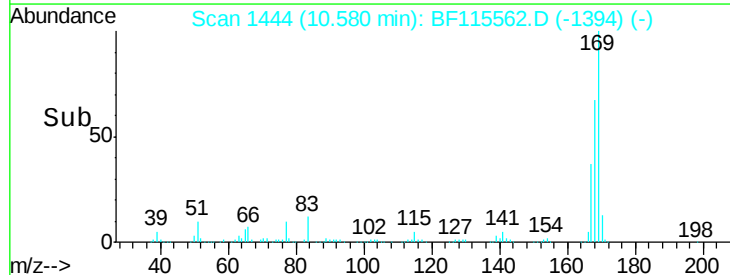
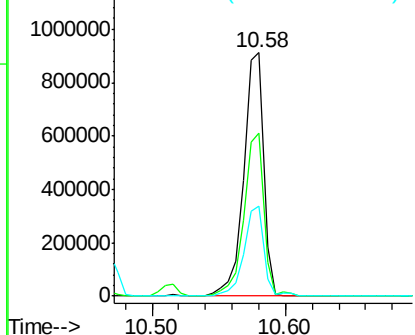


#66
n-Nitrosodiphenylamine
Concen: 46.529 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:169 Resp: 938058
Ion Ratio Lower Upper
169 100
168 66.9 54.3 81.5
167 37.0 30.2 45.2



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

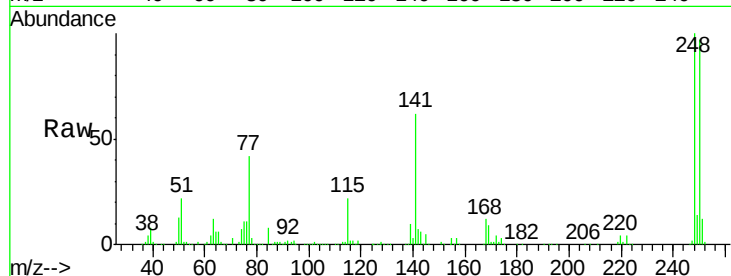




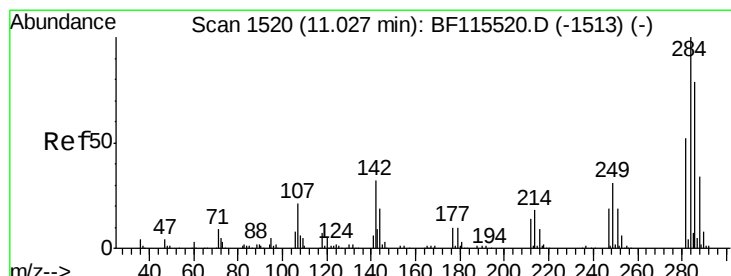
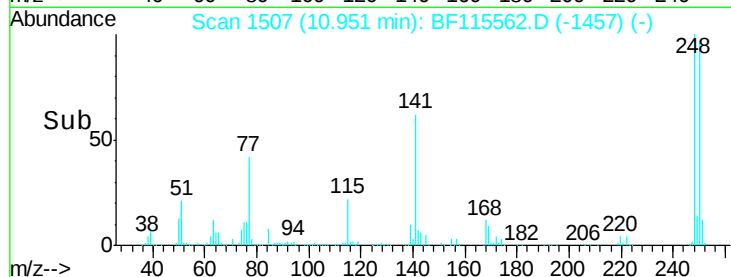
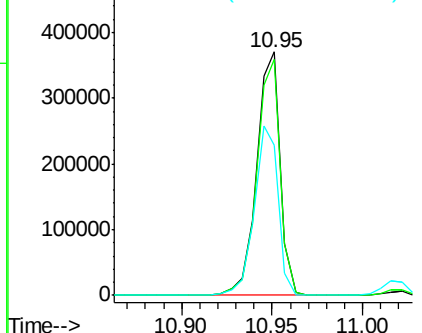
#67
 4-Bromophenyl-phenylether
 Concen: 44.871 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 332336
 Ion Ratio Lower Upper
 248 100
 250 96.6 78.0 117.0
 141 61.7 57.7 86.5

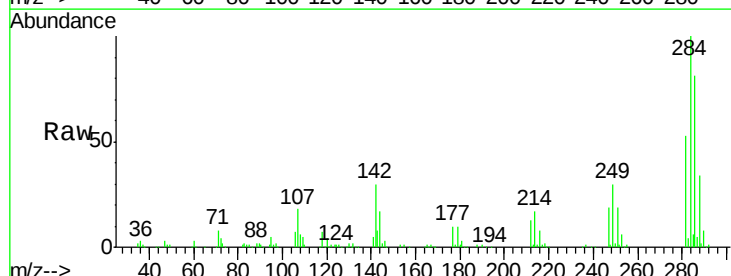


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

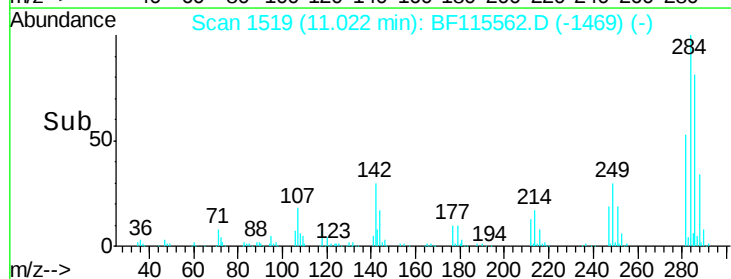
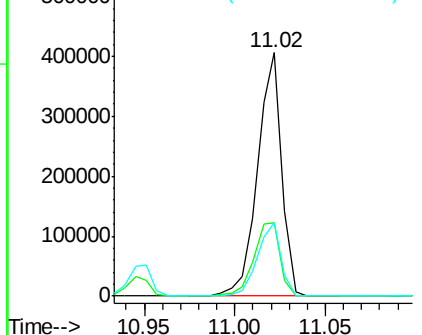


#68
 Hexachlorobenzene
 Concen: 44.159 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Tgt Ion:284 Resp: 373503
 Ion Ratio Lower Upper
 284 100
 142 30.2 22.2 33.2
 249 30.2 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: 45.386 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampled :

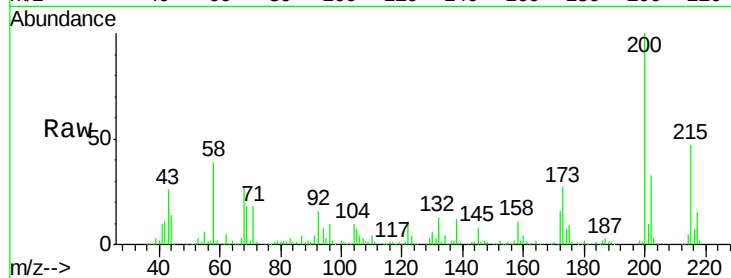
Tot Ion:200 Resp: 300178

Ion Ratio Lower Upper

200 100

173 27.1 6.9 46.9

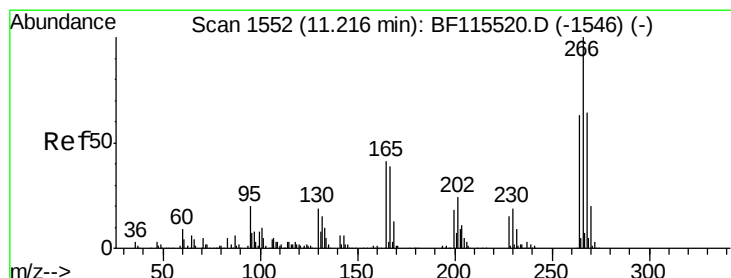
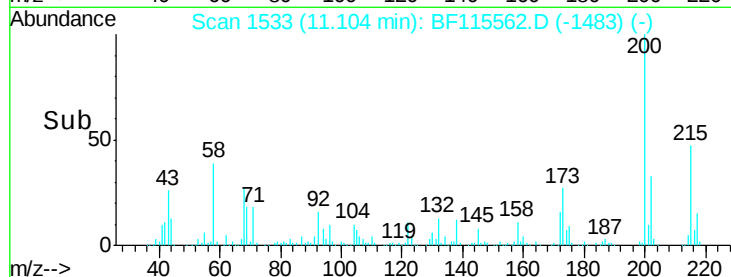
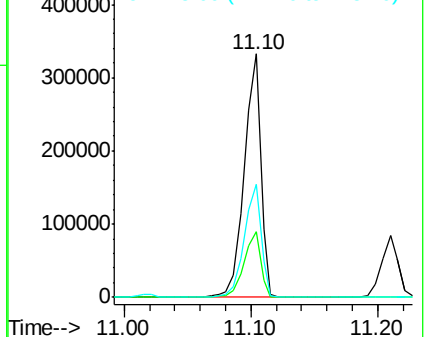
215 46.6 27.9 67.9



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: 87.606 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

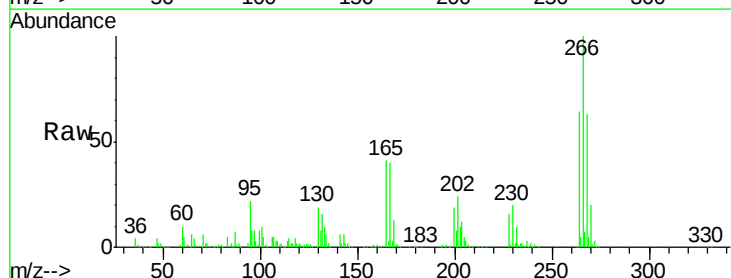
Tgt Ion:266 Resp: 453207

Ion Ratio Lower Upper

266 100

268 63.0 51.6 77.4

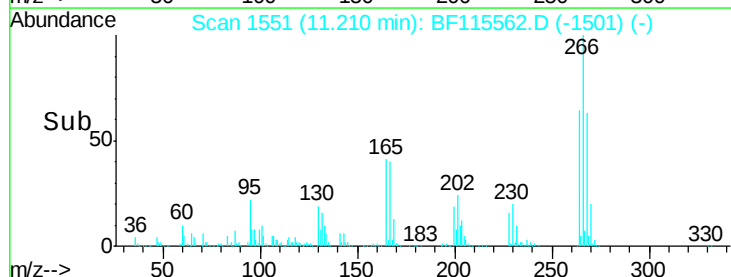
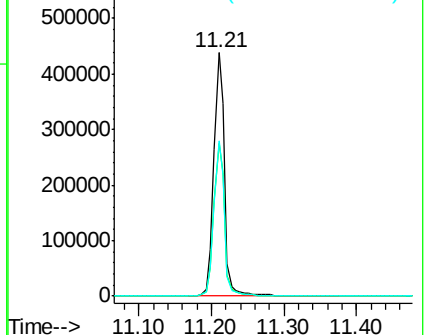
264 63.7 50.6 76.0

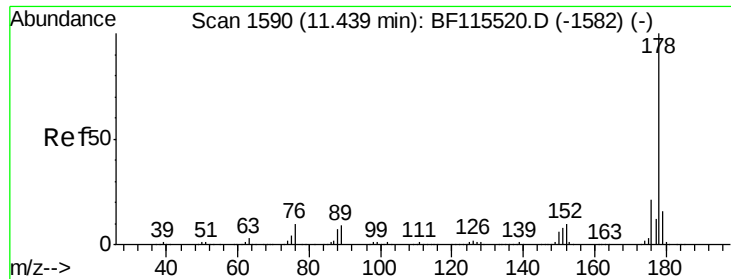


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

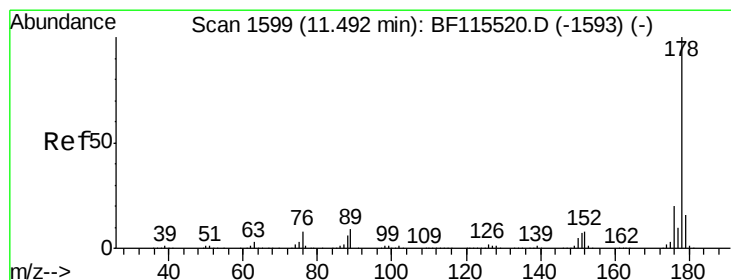
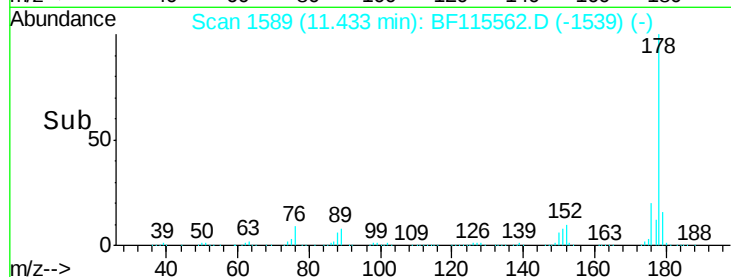
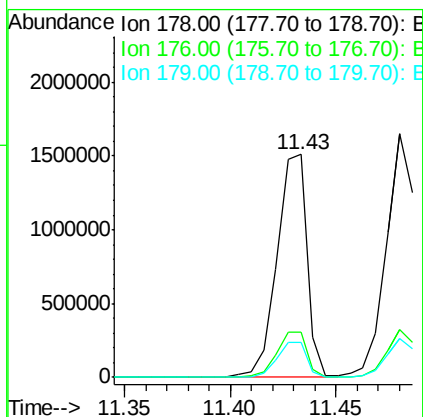
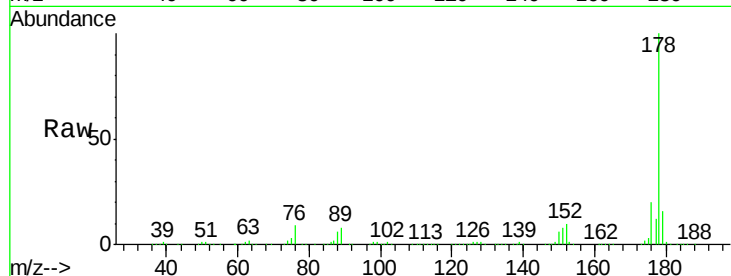




#71
Phenanthrene
Concen: 45.437 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

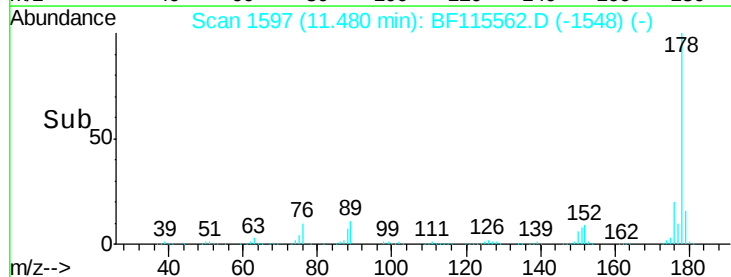
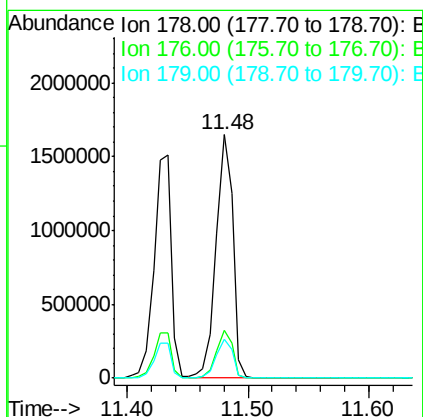
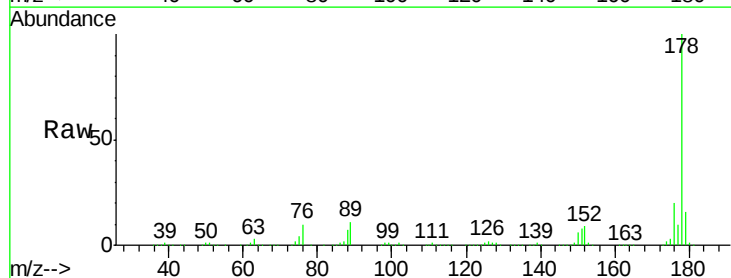
Instrument :
BNA_F
ClientSampleId :

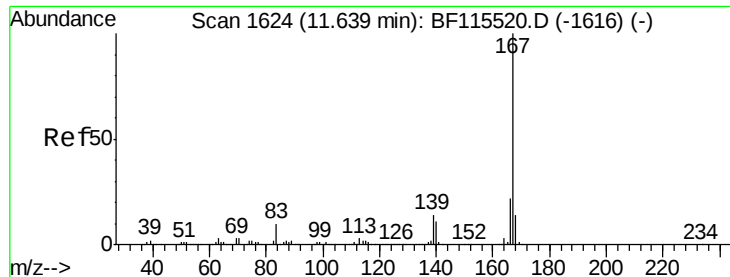
Tot Ion:178 Resp: 1509522
Ion Ratio Lower Upper
178 100
176 20.4 17.2 25.8
179 15.9 13.5 20.3



#72
Anthracene
Concen: 45.519 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:178 Resp: 1562841
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 16.2 12.7 19.1





#73

Carbazole

Concen: 45.660 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

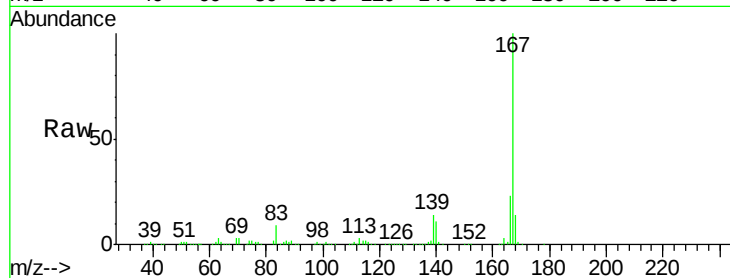
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 1374728

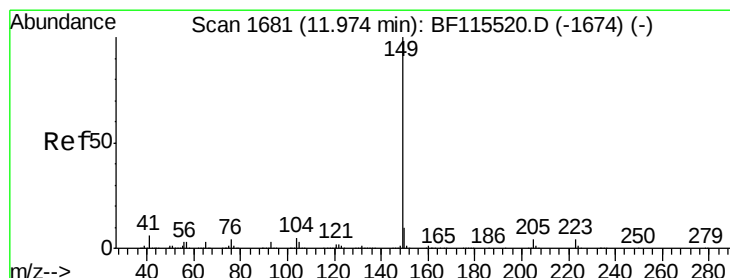
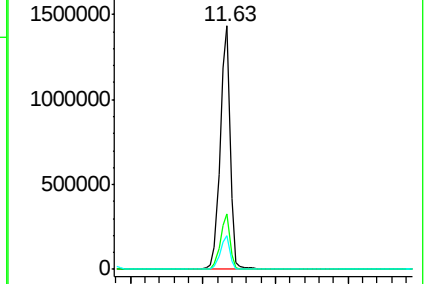
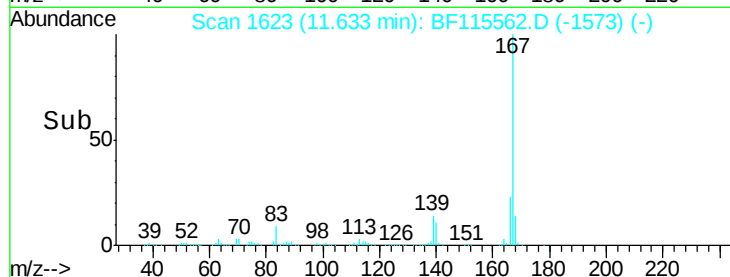
Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.1	27.1
139	13.7	11.3	16.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.758 ng

RT: 11.96 min Scan# 1679

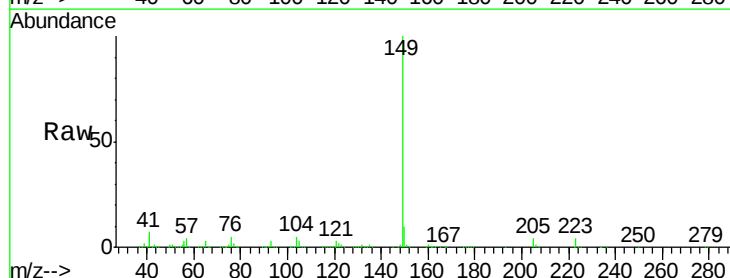
Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Tgt Ion:149 Resp: 1659896

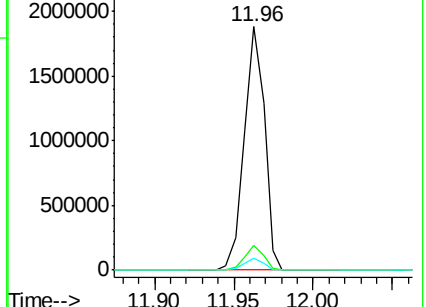
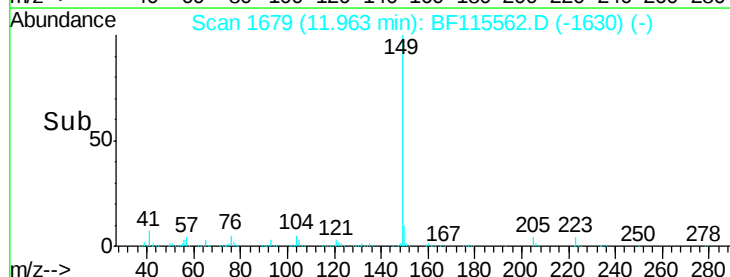
Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.2	3.8	5.8

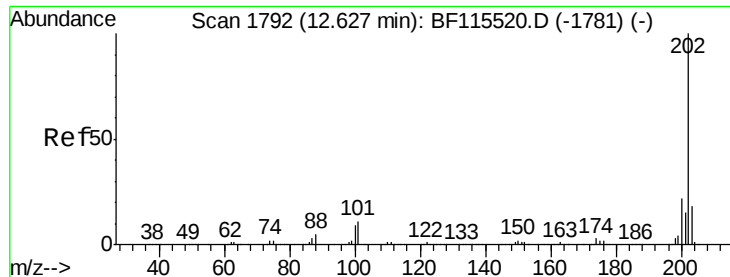


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

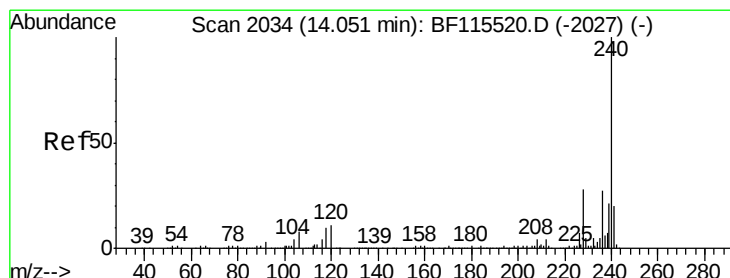
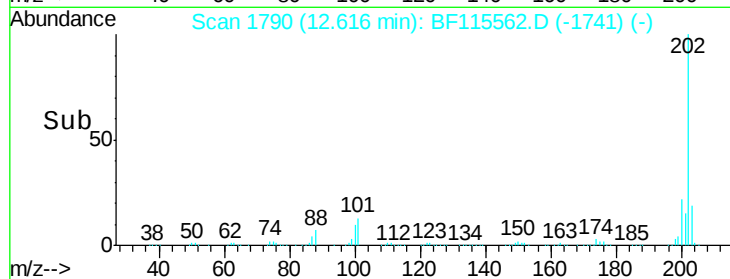
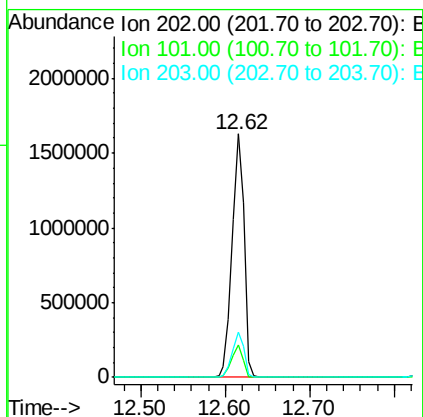
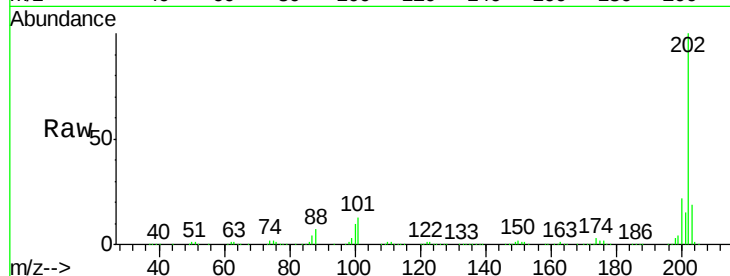




#75
 Fluoranthene
 Concen: 44.997 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

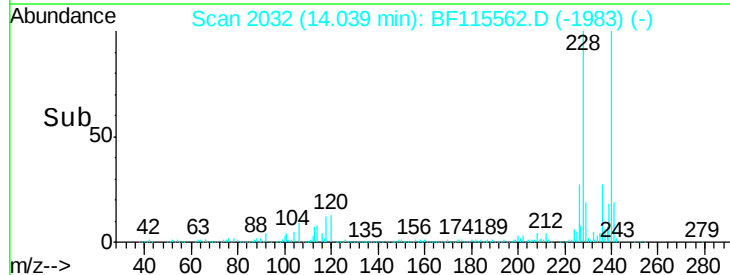
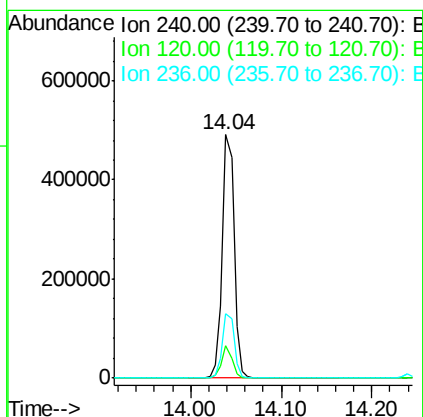
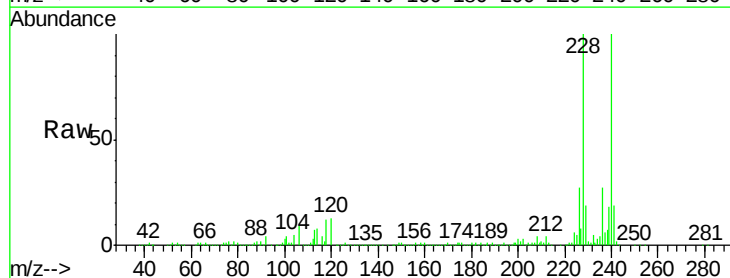
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1579709
 Ion Ratio Lower Upper
 202 100
 101 13.2 0.0 31.4
 203 18.6 0.0 38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Tgt Ion:240 Resp: 439305
 Ion Ratio Lower Upper
 240 100
 120 13.3 8.6 13.0#
 236 26.6 21.3 31.9





#77

Benzidine

Concen: 55.115 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

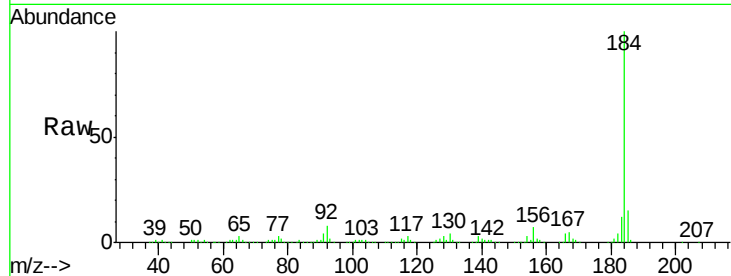
Tot Ion:184 Resp: 857722

Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

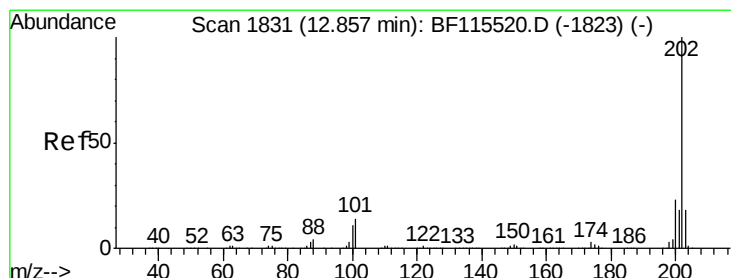
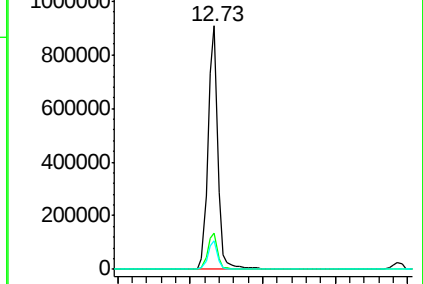
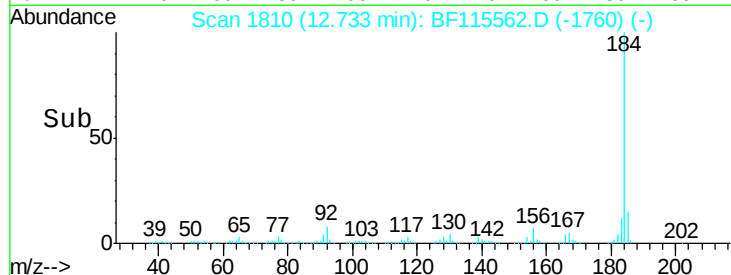
183 11.7 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.544 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

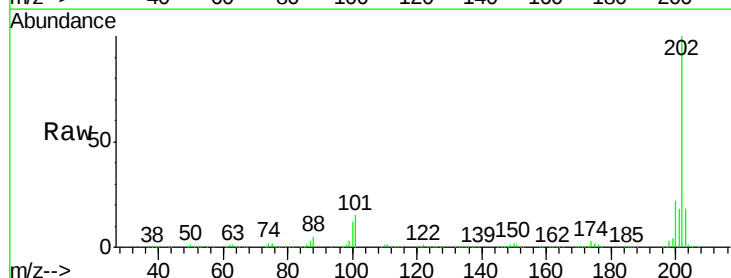
Tgt Ion:202 Resp: 1620684

Ion Ratio Lower Upper

202 100

200 22.4 18.7 28.1

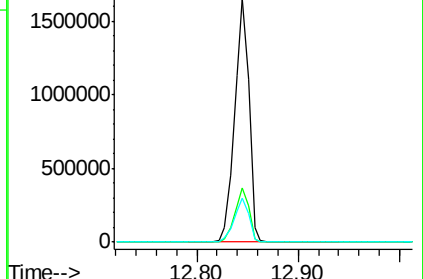
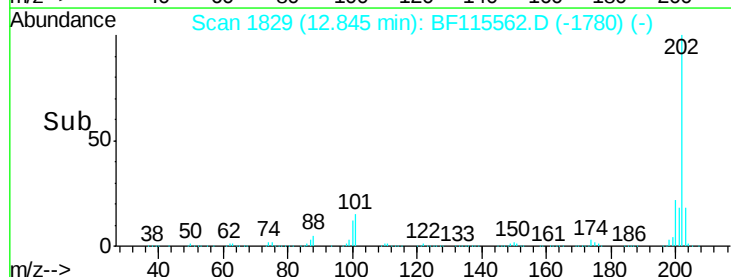
203 18.1 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.002 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampled :

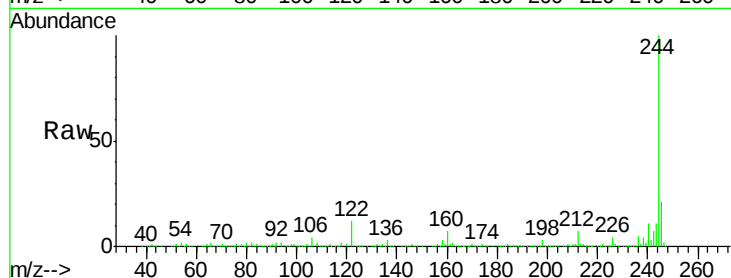
Tot Ion:244 Resp: 2071374

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

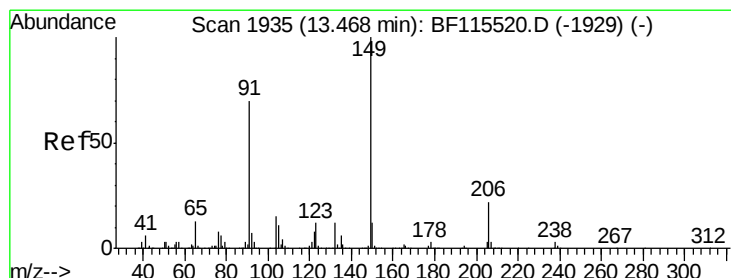
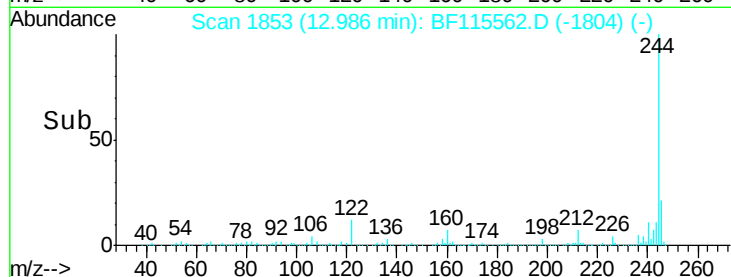
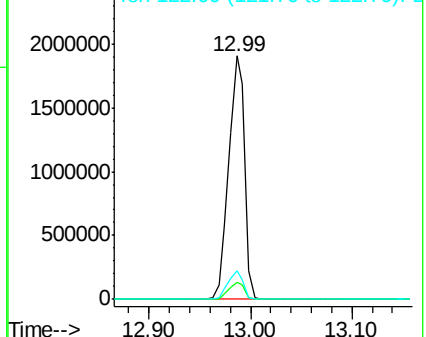
122 11.7 8.6 12.8



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: 43.701 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

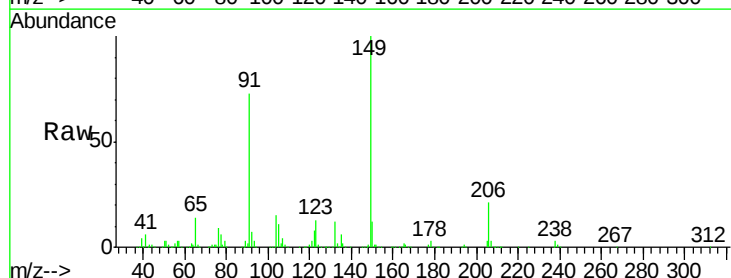
Tgt Ion:149 Resp: 693378

Ion Ratio Lower Upper

149 100

91 72.6 55.8 83.8

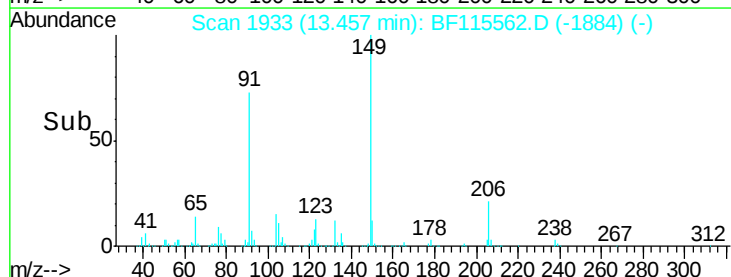
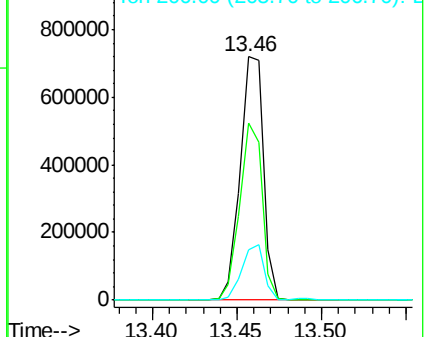
206 20.6 18.2 27.2



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

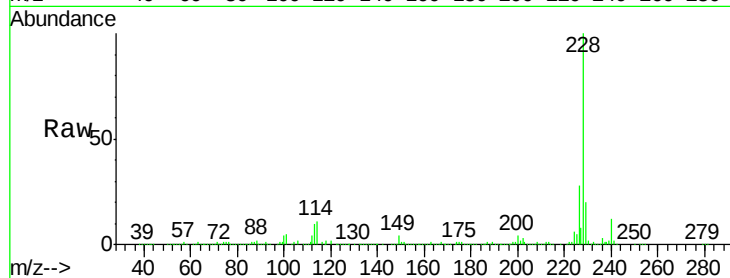




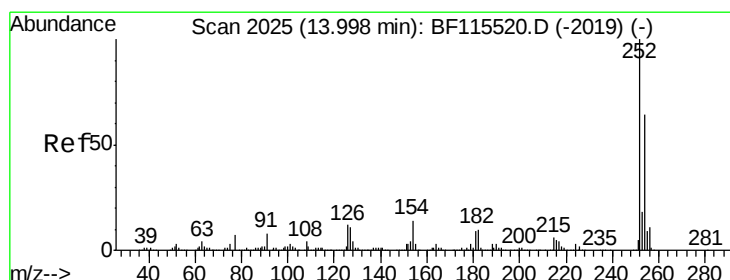
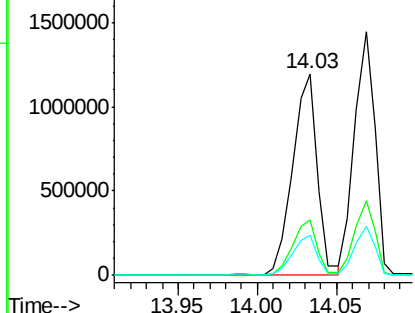
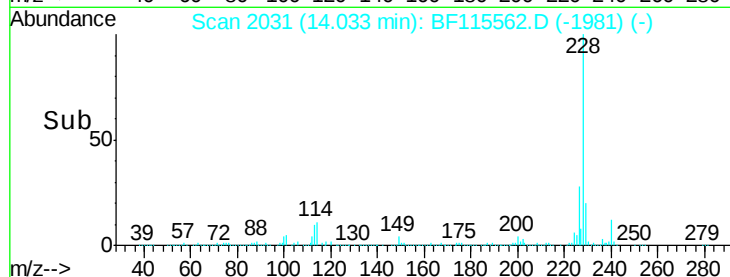
#81
Benzo(a)anthracene
Concen: 44.743 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1294928
Ion Ratio Lower Upper
228 100
226 27.6 23.4 35.0
229 19.9 17.2 25.8

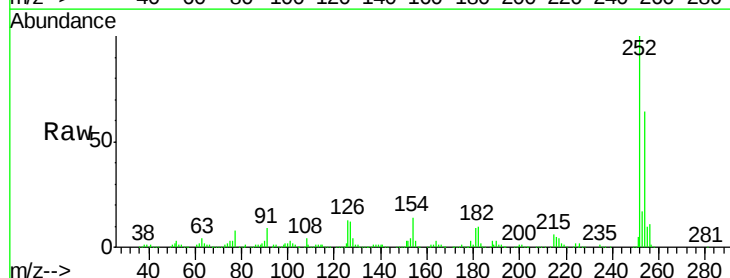


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

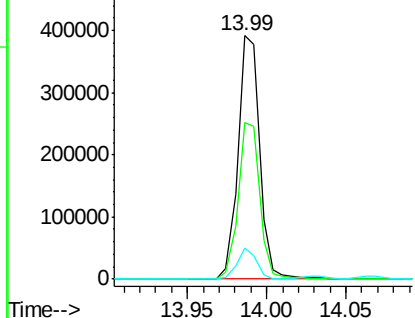
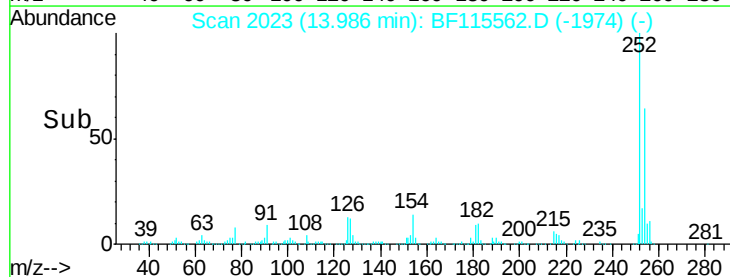


#82
3,3'-Dichlorobenzidine
Concen: 36.299 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:252 Resp: 373468
Ion Ratio Lower Upper
252 100
254 64.2 52.9 79.3
126 12.6 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

Chrvsene

Concen: 45.602 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

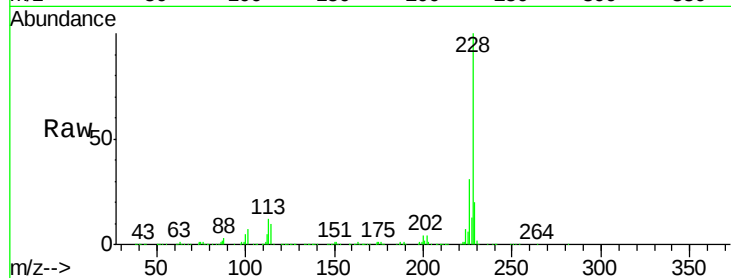
Tot Ion:228 Resp: 1324885

Ion Ratio Lower Upper

228 100

226 30.6 25.7 38.5

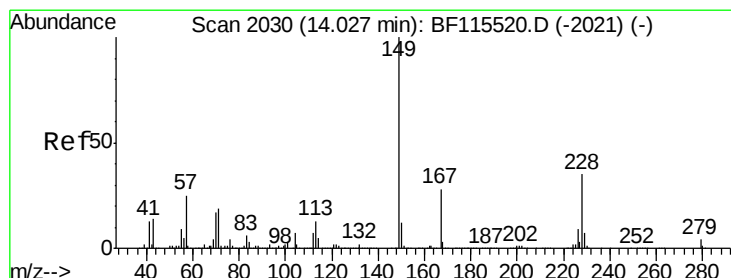
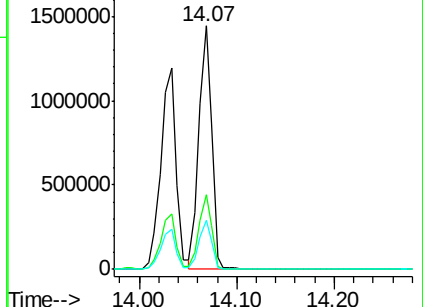
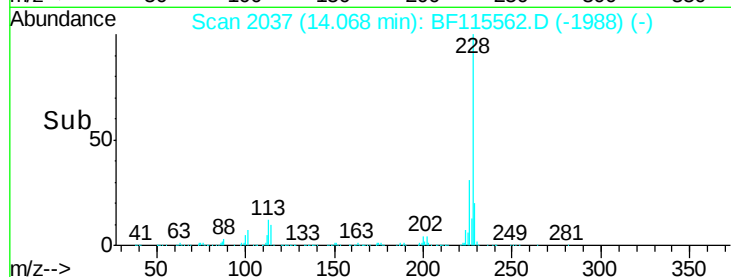
229 20.1 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.735 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

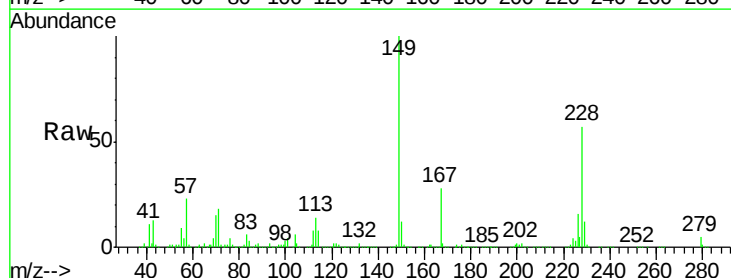
Tgt Ion:149 Resp: 879194

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.4

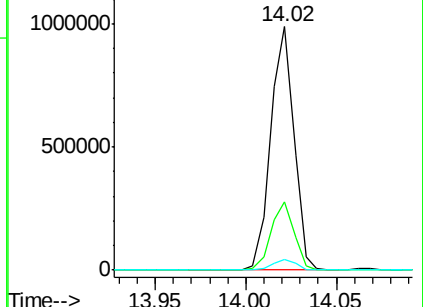
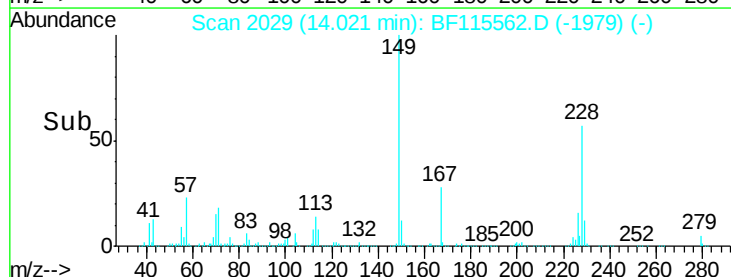
279 4.6 4.2 6.2

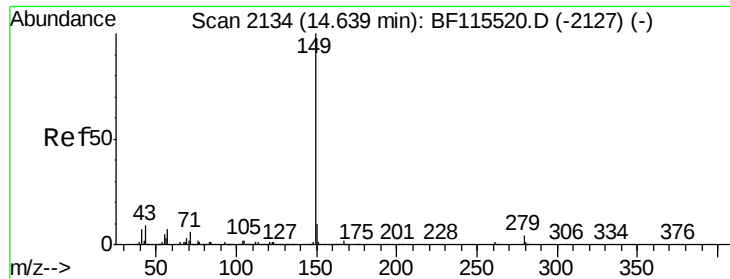


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.265 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

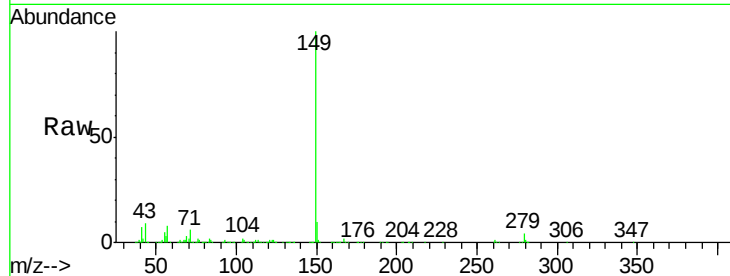
Tot Ion:149 Resp: 1509268

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

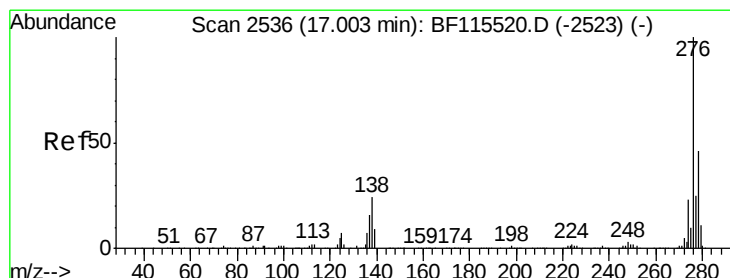
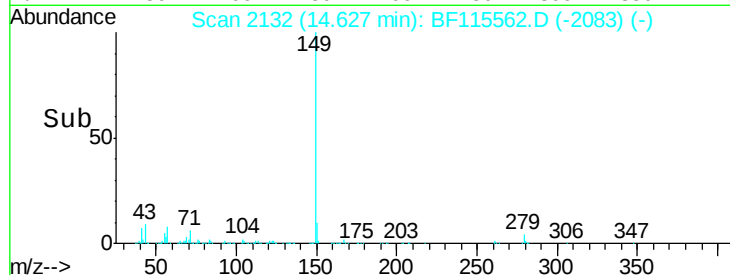
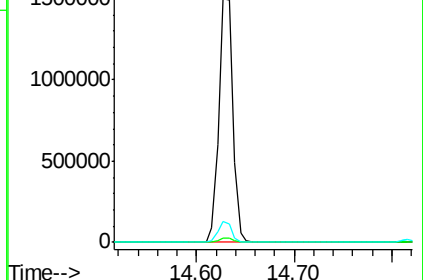
43 8.3 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.697 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

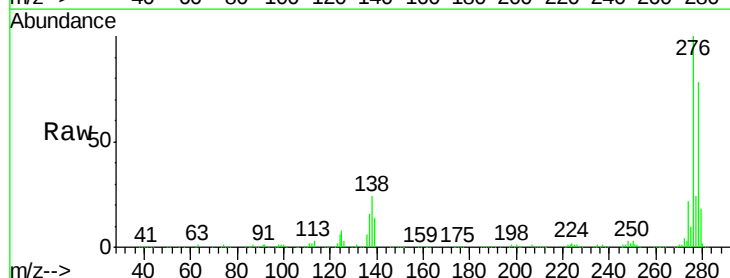
Tgt Ion:276 Resp: 1152641

Ion Ratio Lower Upper

276 100

138 25.5 20.2 30.2

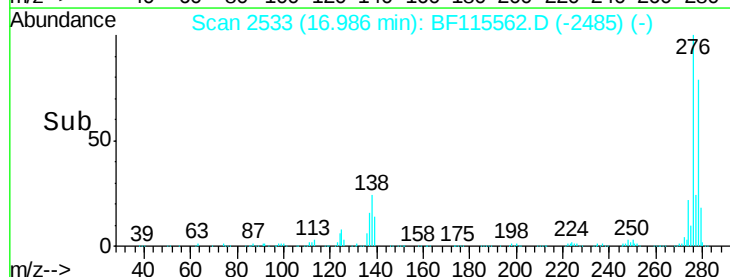
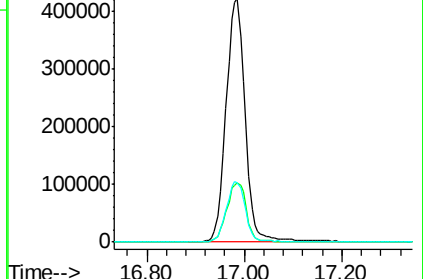
277 24.8 20.4 30.6

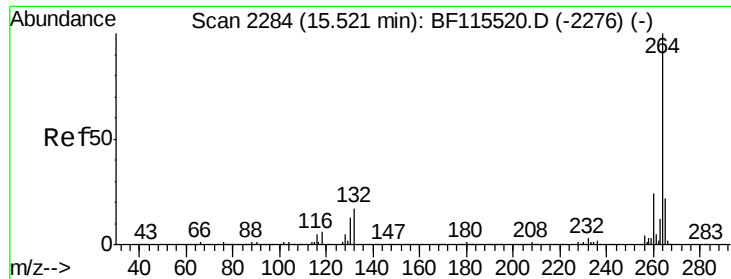


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

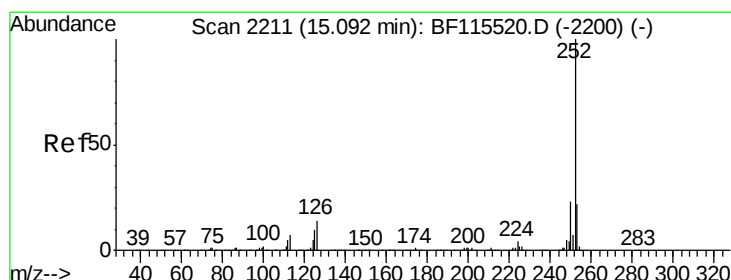
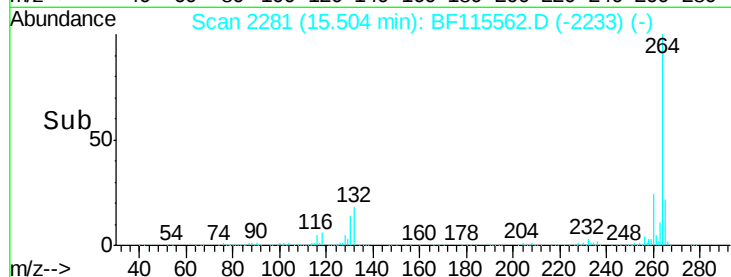
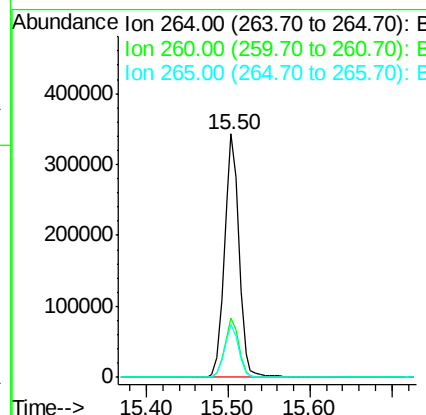
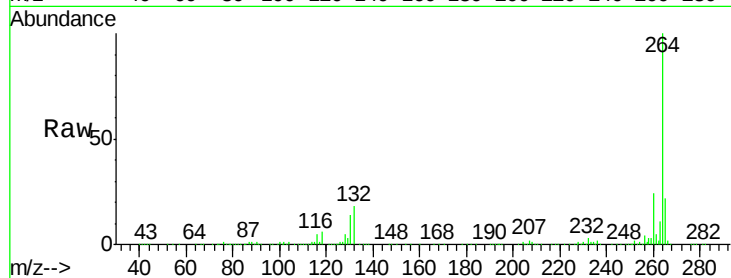




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.02 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

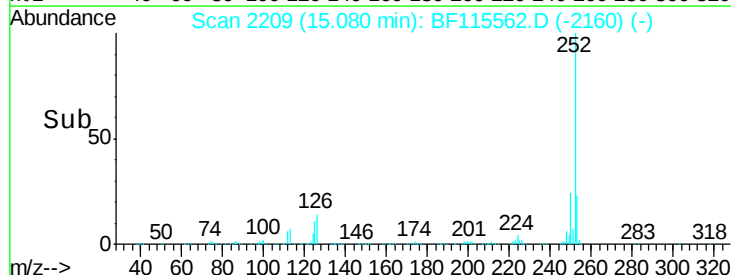
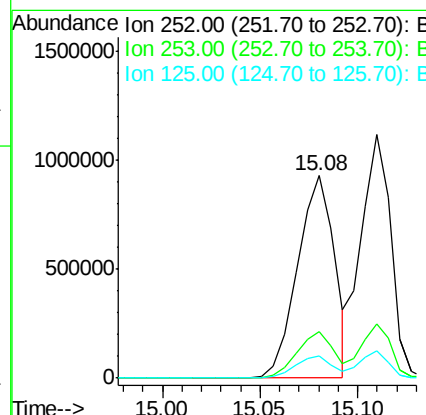
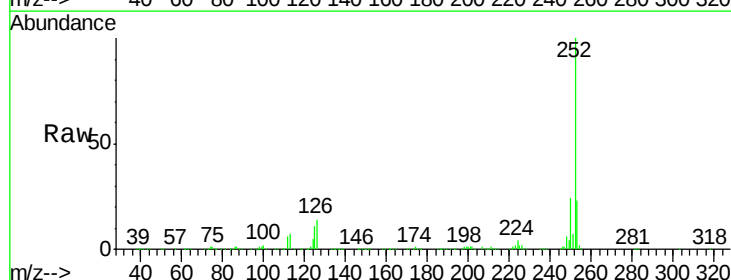
Instrument :
 BNA_F
 ClientSampleId :

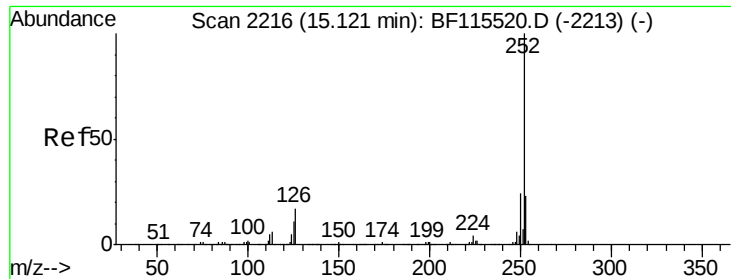
Tot Ion:264 Resp: 427333
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.8
 265 22.0 17.7 26.5



#88
 Benzo(b)fluoranthene
 Concen: 44.275 ng
 RT: 15.08 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Tgt Ion:252 Resp: 1218299
 Ion Ratio Lower Upper
 252 100
 253 22.7 18.1 27.1
 125 11.1 9.0 13.4

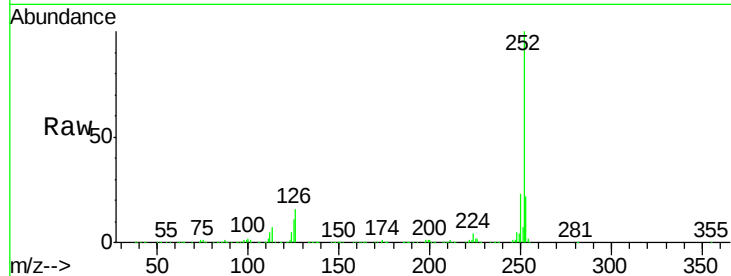




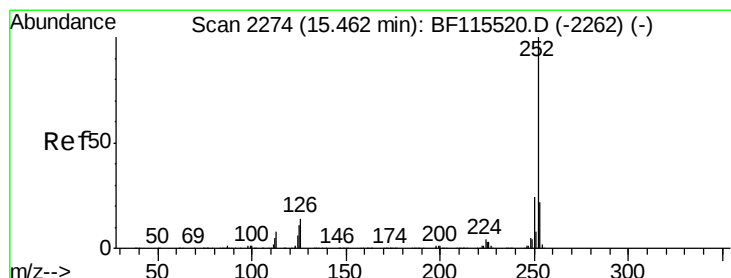
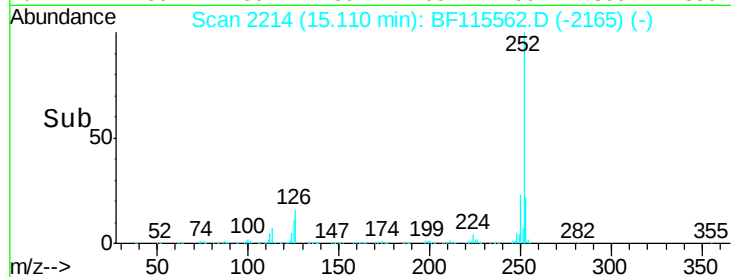
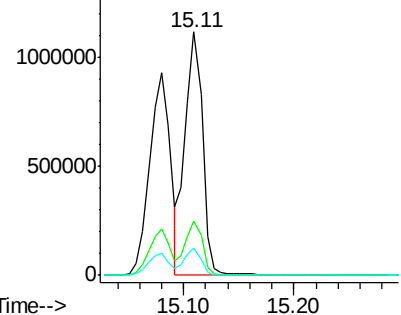
#89
Benzo(k)fluoranthene
Concen: 48.881 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1199181
Ion Ratio Lower Upper
252 100
253 22.4 18.6 28.0
125 11.2 9.0 13.6

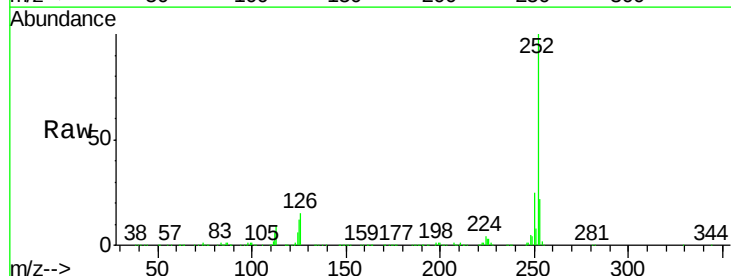


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

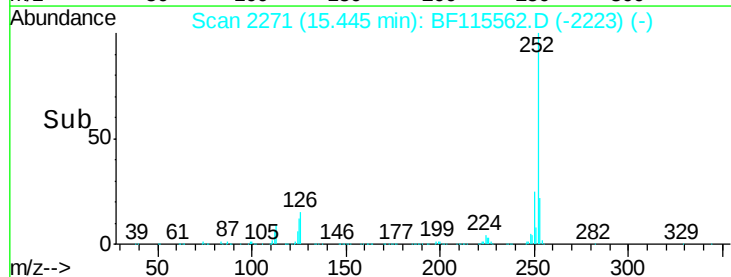
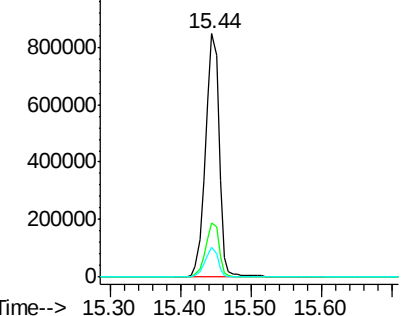


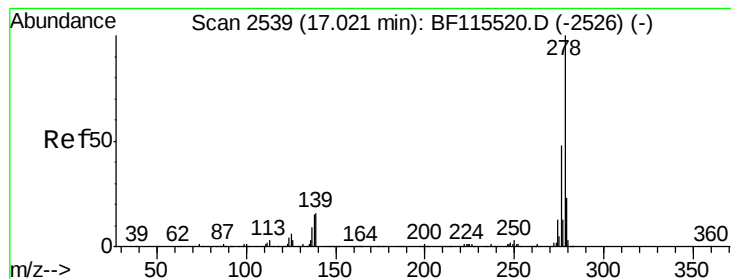
#90
Benzo(a)pyrene
Concen: 48.160 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:252 Resp: 1138991
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 12.2 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: 46.236 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

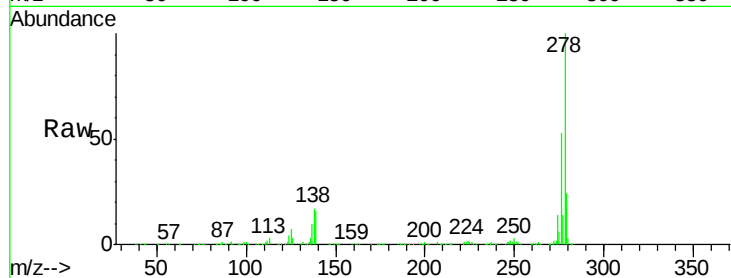
Tot Ion:278 Resp: 959993

Ion Ratio Lower Upper

278 100

139 16.4 13.1 19.7

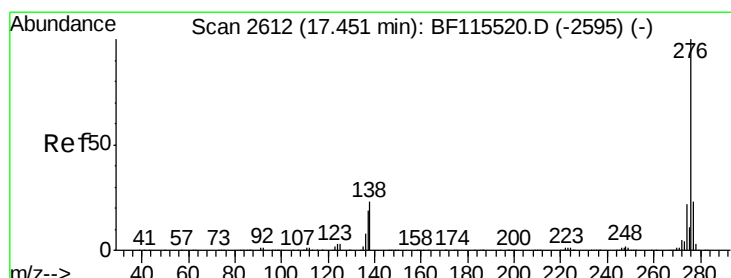
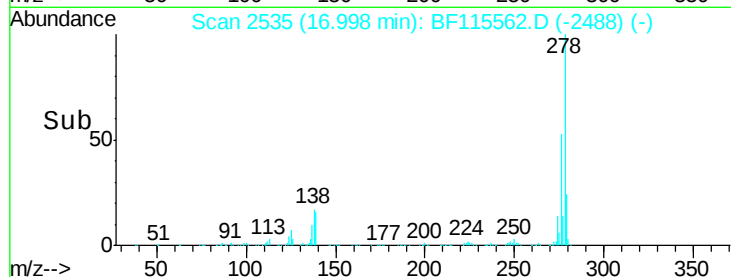
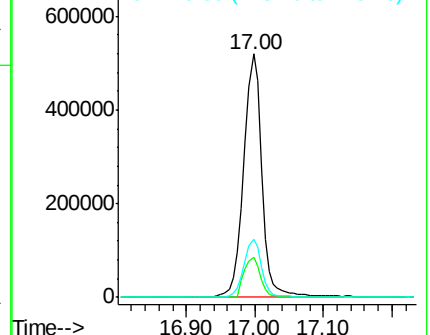
279 24.0 19.6 29.4



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: 43.540 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.02 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

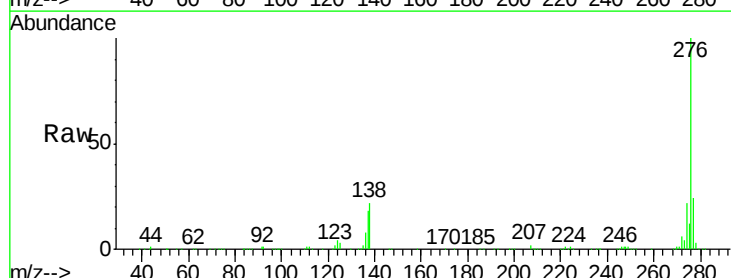
Tgt Ion:276 Resp: 901595

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 21.7 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

