

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115563.D
 Acq On : 15 Jul 2019 18:19
 Operator : HP/JU
 Sample : PB121250BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 01:41:04 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	168614	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	663347	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	334047	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	657779	20.00	ng	0.00
76) Chrysene-d12	14.04	240	443094	20.00	ng	-0.01
87) Perylene-d12	15.50	264	424822	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1279358	124.11	ng	0.01
7) Phenol-d6	6.52	99	1627502	124.43	ng	0.00
23) Nitrobenzene-d5	7.45	82	1045503	91.65	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	525105	134.67	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1952124	102.28	ng	-0.01
79) Terphenyl-d14	12.99	244	2072161	86.29	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.79	88	210070	40.854	ng	99
3) Pyridine	3.53	79	550492	39.460	ng	99
4) n-Nitrosodimethylamine	3.48	42	211777	41.845	ng	100
6) Aniline	6.55	93	603293	33.143	ng	99
8) 2-Chlorophenol	6.67	128	519397	43.825	ng	100
9) Benzaldehyde	6.43	77	376773	46.095	ng	99
10) Phenol	6.53	94	644114	42.420	ng	84
11) bis(2-Chloroethyl)ether	6.62	93	490154	42.399	ng	99
12) 1,3-Dichlorobenzene	6.82	146	564536	42.366	ng	98
13) 1,4-Dichlorobenzene	6.90	146	574938	43.244	ng	97
14) 1,2-Dichlorobenzene	7.05	146	531977	43.772	ng	98
15) Benzyl Alcohol	7.02	79	469192	45.218	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	649424	42.670	ng	98
17) 2-Methylphenol	7.13	107	456476	44.693	ng	99
18) Hexachloroethane	7.40	117	210055	42.567	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	364846	42.769	ng	98
20) 3+4-Methylphenols	7.28	107	530882	43.759	ng	94
22) Acetophenone	7.29	105	709707	47.358	ng	# 100
24) Nitrobenzene	7.46	77	566893	46.071	ng	98
25) Isophorone	7.70	82	1041573	45.627	ng	99
26) 2-Nitrophenol	7.77	139	301072	47.537	ng	99
27) 2,4-Dimethylphenol	7.82	122	504943	53.285	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	638089	45.563	ng	99
29) 2,4-Dichlorophenol	8.02	162	474591	48.155	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	511583	45.922	ng	98
31) Naphthalene	8.19	128	1531638	47.676	ng	97
32) Benzoic acid	7.94	122	351662	45.219	ng	99
33) 4-Chloroaniline	8.23	127	394861	27.748	ng	97
34) Hexachlorobutadiene	8.31	225	289345	45.292	ng	98
35) Caprolactam	8.60	113	81070	26.620	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	487419	47.679	ng	99
37) 2-Methylnaphthalene	8.87	142	1040510	48.861	ng	98
38) 1-Methylnaphthalene	8.97	142	976452	48.274	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	462472	45.974	ng	98

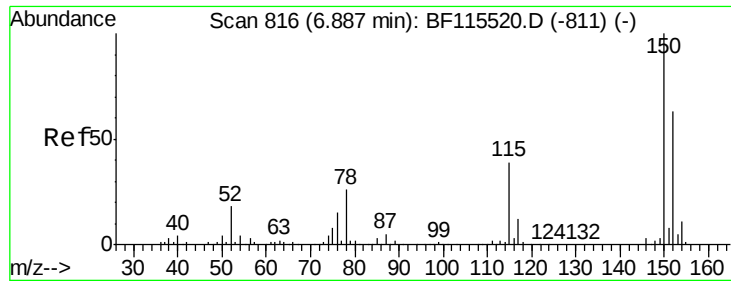
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
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 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	484204	84.382	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	344071	46.772	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	360585	47.863	ng	99
46) 1,1'-Biphenyl	9.34	154	1263217	48.370	ng	97
47) 2-Chloronaphthalene	9.37	162	996995	45.849	ng	96
48) 2-Nitroaniline	9.46	65	299056	44.434	ng	96
49) Acenaphthylene	9.78	152	1522431	47.250	ng	98
50) Dimethylphthalate	9.65	163	1165900	46.390	ng	99
51) 2,6-Dinitrotoluene	9.70	165	272487	47.708	ng	100
52) Acenaphthene	9.96	154	1072823	51.572	ng	100
53) 3-Nitroaniline	9.86	138	191731	29.375	ng	98
54) 2,4-Dinitrophenol	9.97	184	282675	96.396	ng	98
55) Dibenzofuran	10.13	168	1357727	45.959	ng	100
56) 4-Nitrophenol	10.03	139	494922	99.439	ng	95
57) 2,4-Dinitrotoluene	10.10	165	358851	48.496	ng	96
58) Fluorene	10.47	166	996484	47.184	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	311364	49.441	ng	98
60) Diethylphthalate	10.35	149	1106689	46.997	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	514963	43.970	ng	95
62) 4-Nitroaniline	10.49	138	284441	45.433	ng	99
63) Azobenzene	10.62	77	1094482	47.918	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	193901	48.248	ng	91
66) n-Nitrosodiphenylamine	10.57	169	944897	46.180	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	335977	44.697	ng	95
68) Hexachlorobenzene	11.02	284	373935	43.561	ng	96
69) Atrazine	11.10	200	305308	45.484	ng	99
70) Pentachlorophenol	11.21	266	458596	87.346	ng	99
71) Phenanthrene	11.43	178	1544874	45.819	ng	98
72) Anthracene	11.48	178	1595205	45.779	ng	99
73) Carbazole	11.63	167	1402133	45.886	ng	99
74) Di-n-butylphthalate	11.96	149	1663814	44.205	ng	99
75) Fluoranthene	12.62	202	1614262	45.306	ng	99
77) Benzidine	12.73	184	874295	55.699	ng	99
78) Pyrene	12.85	202	1613687	42.985	ng	99
80) Butylbenzylphthalate	13.46	149	703627	43.967	ng	96
81) Benzo(a)anthracene	14.03	228	1289492	44.174	ng	96
82) 3,3'-Dichlorobenzidine	13.99	252	378371	36.461	ng	# 97
83) Chrysene	14.07	228	1337309	45.636	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	889286	44.861	ng	99
85) Di-n-octyl phthalate	14.63	149	1519341	48.171	ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	1149892	46.188	ng	99
88) Benzo(b)fluoranthene	15.08	252	1236421	45.199	ng	99
89) Benzo(k)fluoranthene	15.11	252	1225172	50.235	ng	98
90) Benzo(a)pyrene	15.45	252	1141312	48.543	ng	100
91) Dibenzo(a,h)anthracene	17.00	278	961686	46.592	ng	98
92) Benzo(g,h,i)perylene	17.42	276	909582	44.186	ng	98

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

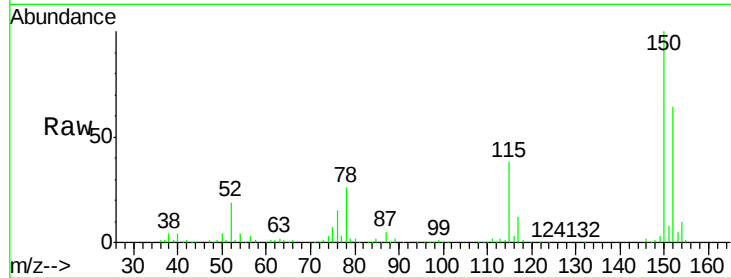


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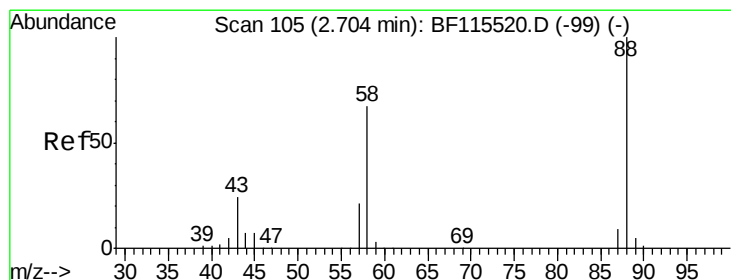
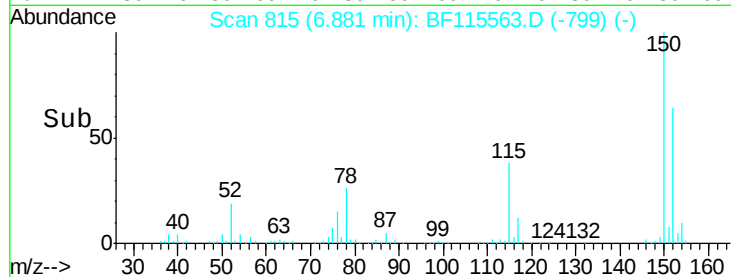
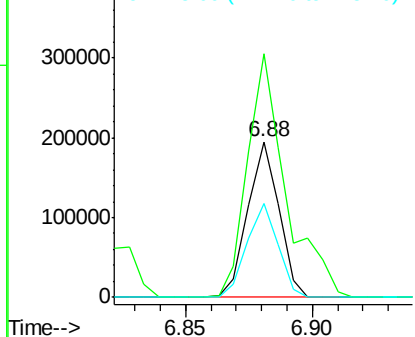
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 168614
Ion Ratio Lower Upper
152 100
150 156.3 129.7 194.5
115 60.1 48.2 72.4



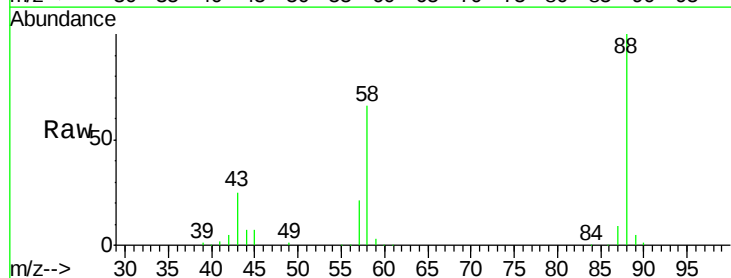
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



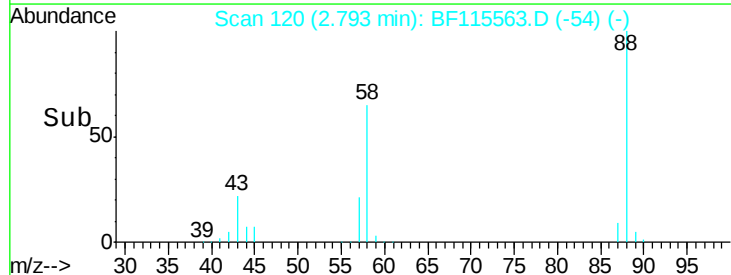
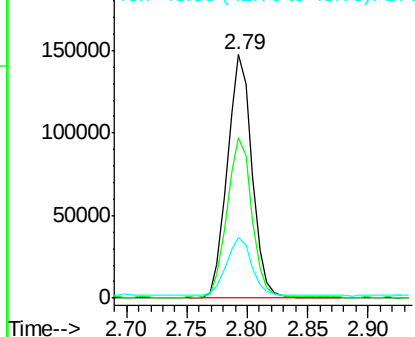
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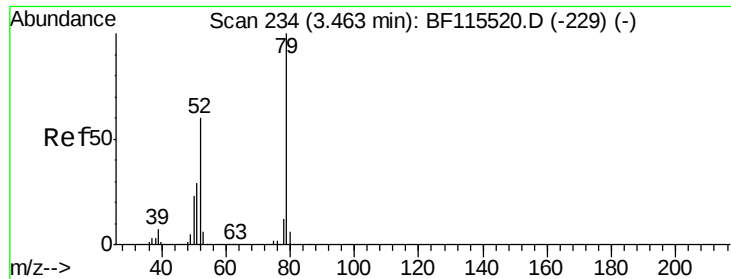
1,4-Dioxane
Concen: 40.854 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.09 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

Tgt Ion: 88 Resp: 210070
Ion Ratio Lower Upper
88 100
58 66.2 52.6 79.0
43 24.4 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

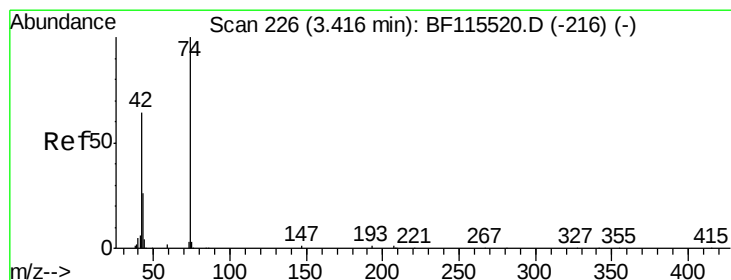
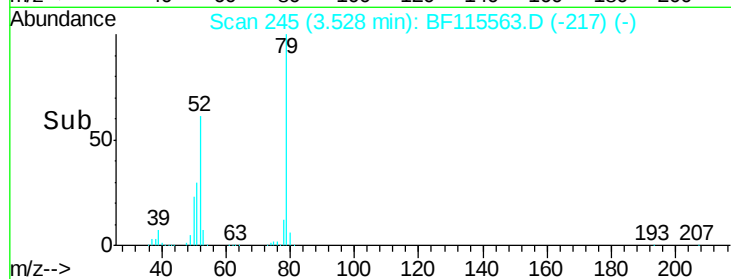
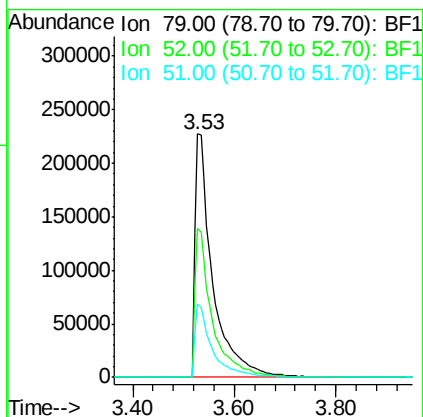
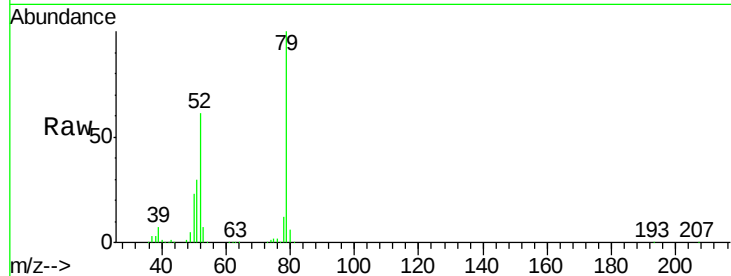




#3
 Pvridine
 Concen: 39.460 ng
 RT: 3.53 min Scan# 245
 Delta R.T. 0.06 min
 Lab File: BF115563.D
 Acq: 15 Jul 2019 18:19

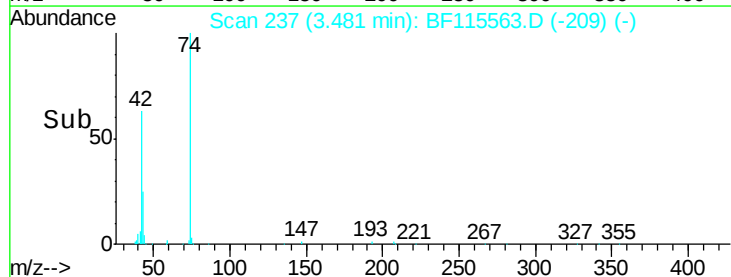
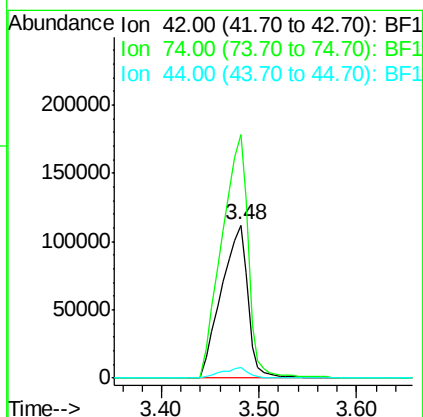
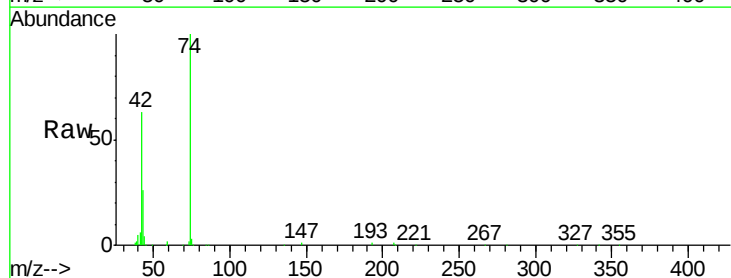
Instrument :
 BNA_F
 ClientSampleId :

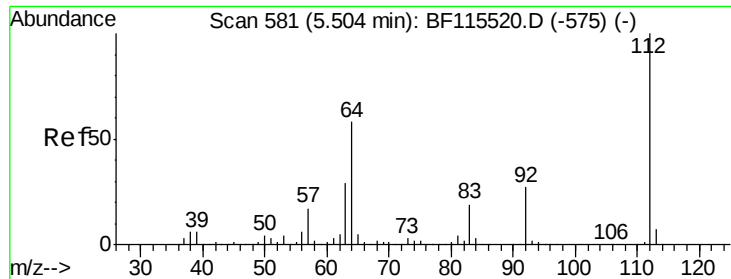
Tot Ion: 79 Resp: 550492
 Ion Ratio Lower Upper
 79 100
 52 61.3 47.8 71.6
 51 30.0 23.8 35.8



#4
 n-Nitrosodimethylamine
 Concen: 41.845 ng
 RT: 3.48 min Scan# 237
 Delta R.T. 0.06 min
 Lab File: BF115563.D
 Acq: 15 Jul 2019 18:19

Tgt Ion: 42 Resp: 211777
 Ion Ratio Lower Upper
 42 100
 74 158.8 127.5 191.3
 44 6.6 5.0 7.6





#5

2-Fluorophenol

Concen: 124.109 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

Instrument :

BNA_F

ClientSampleId :

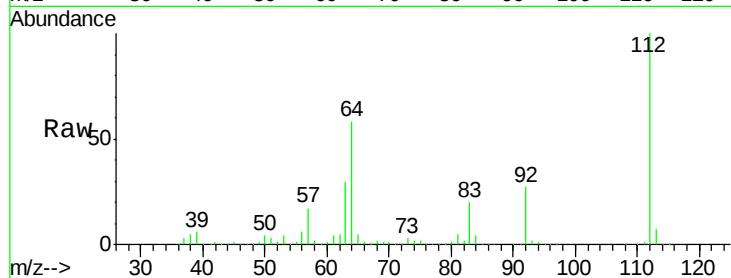
Tot Ion:112 Resp: 1279358

Ion Ratio Lower Upper

112 100

64 58.1 46.8 70.2

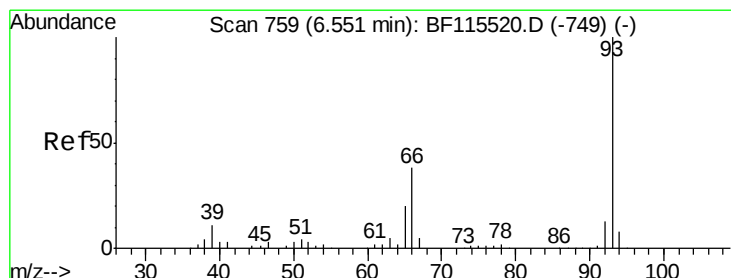
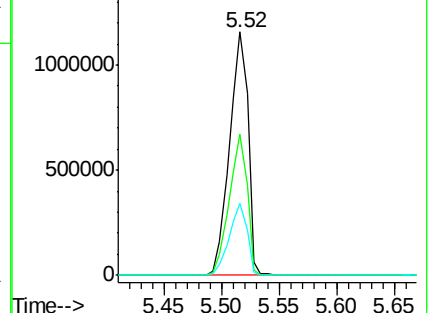
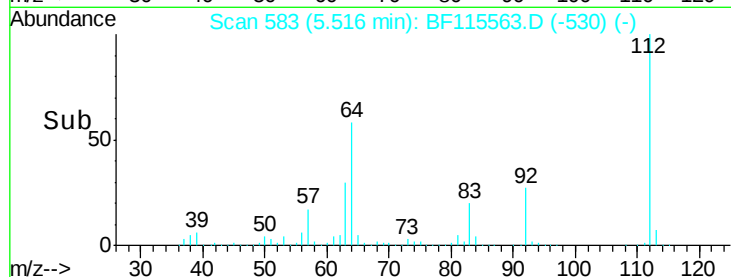
63 29.5 24.1 36.1



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: 33.143 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

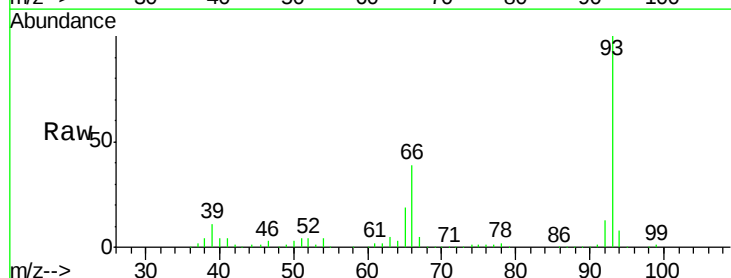
Tgt Ion: 93 Resp: 603293

Ion Ratio Lower Upper

93 100

66 38.9 31.7 47.5

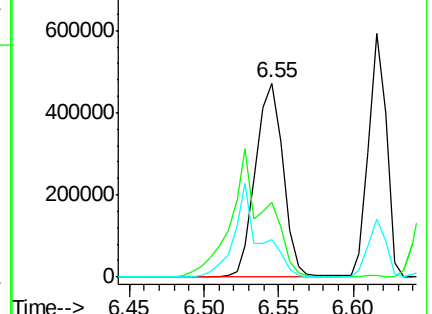
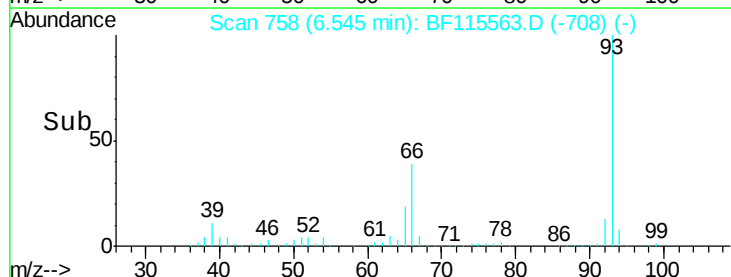
65 19.4 16.2 24.2

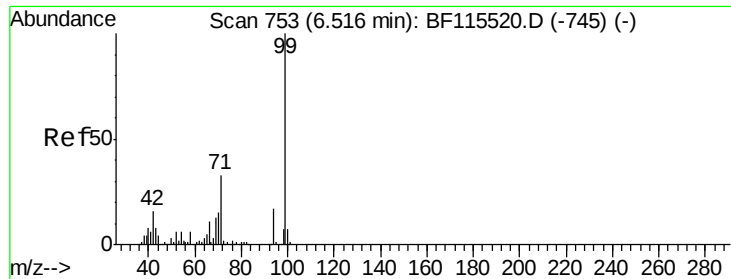


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.426 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

Instrument :

BNA_F

ClientSampleId :

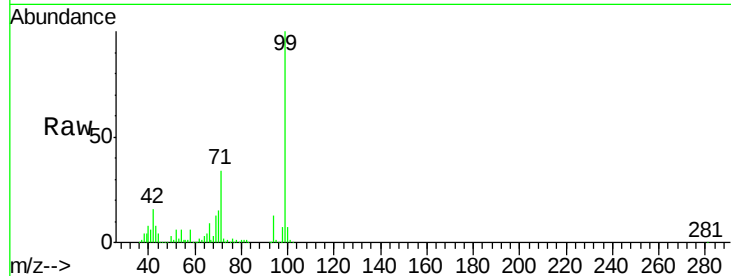
Tot Ion: 99 Resp: 1627502

Ion Ratio Lower Upper

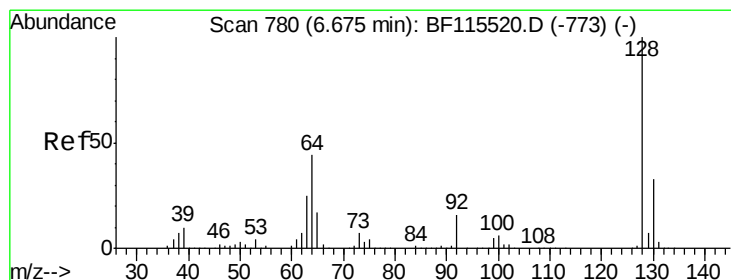
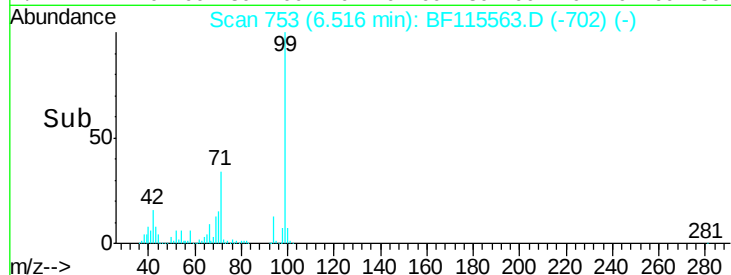
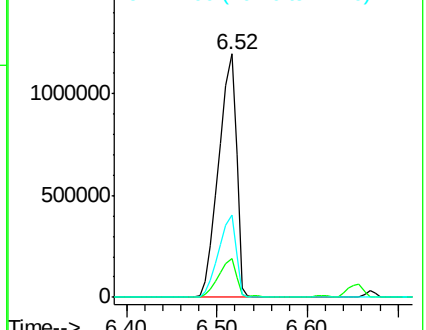
99 100

42 16.1 13.6 20.4

71 34.0 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: 43.825 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

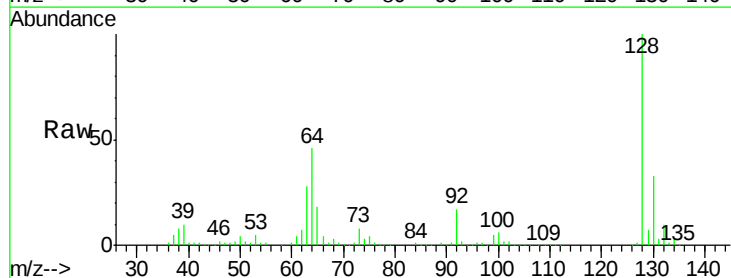
Tgt Ion: 128 Resp: 519397

Ion Ratio Lower Upper

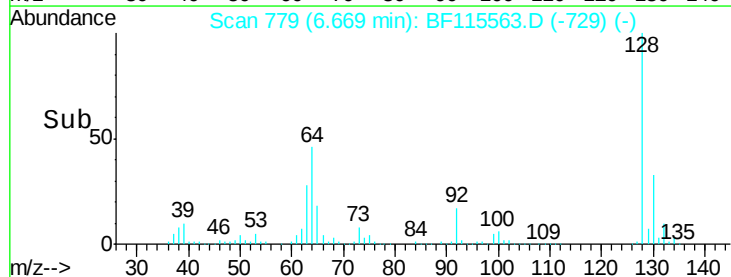
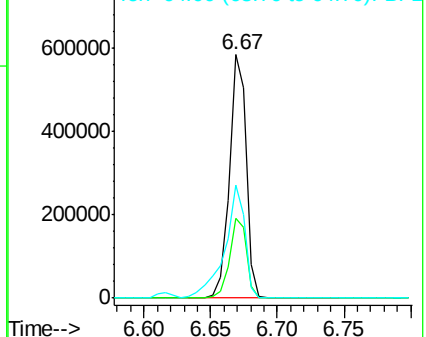
128 100

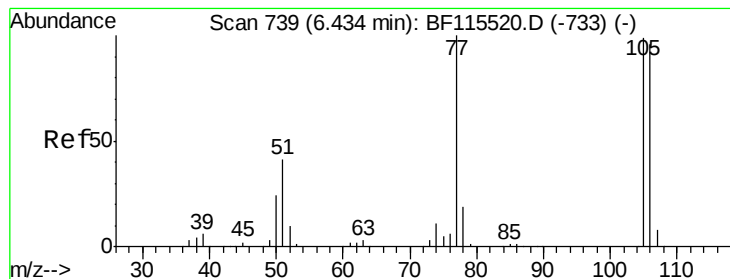
130 32.9 12.8 52.8

64 46.4 26.8 66.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 46.095 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

Instrument :

BNA_F

ClientSampleId :

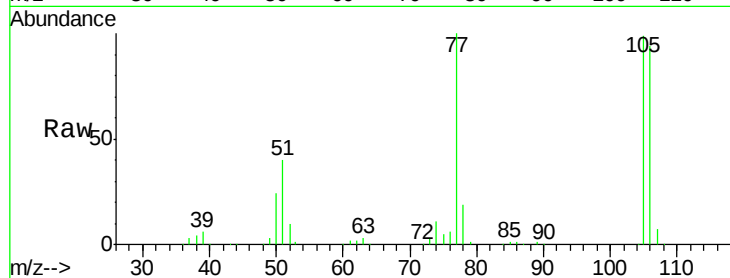
Tot Ion: 77 Resp: 376773

Ion Ratio Lower Upper

77 100

105 98.7 78.8 118.8

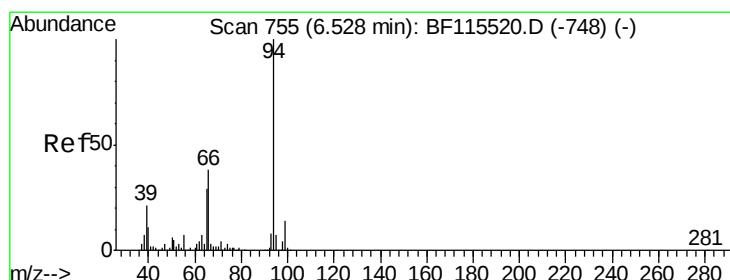
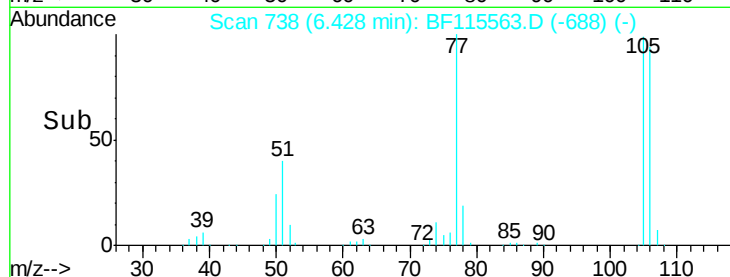
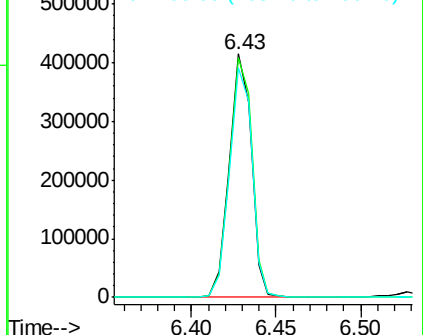
106 94.3 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.420 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

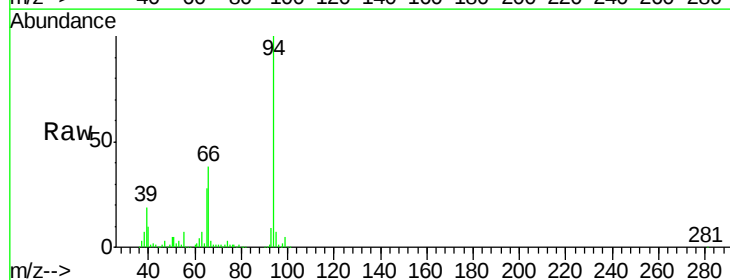
Tgt Ion: 94 Resp: 644114

Ion Ratio Lower Upper

94 100

65 27.9 14.5 54.5

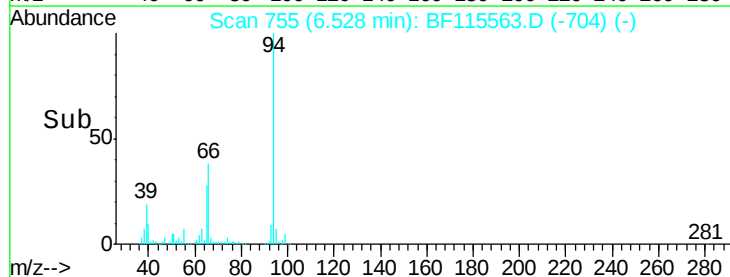
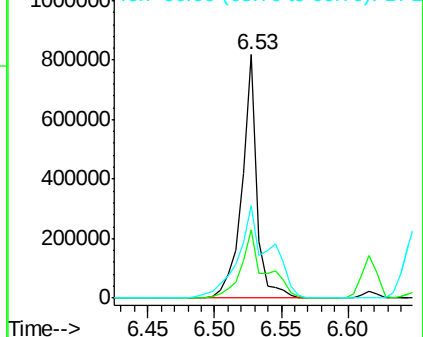
66 38.1 31.3 71.3

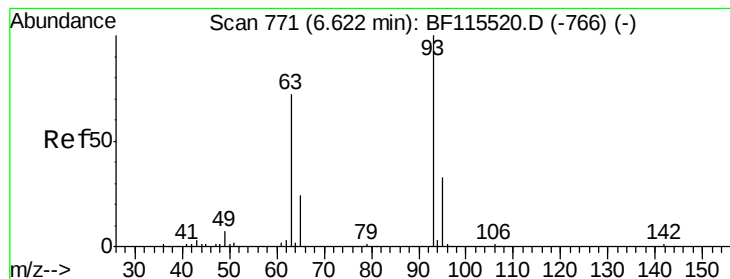


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

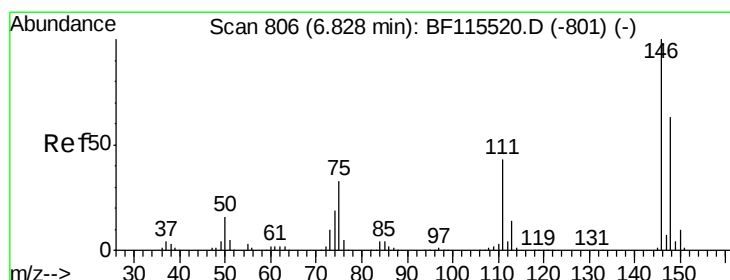
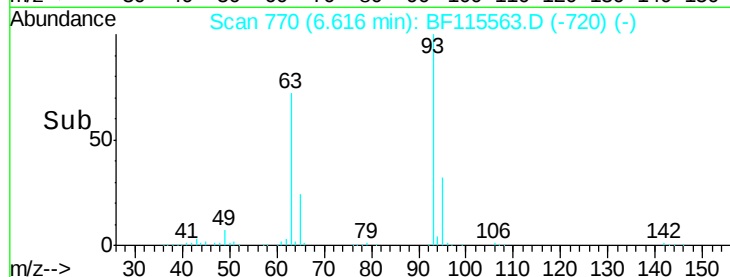
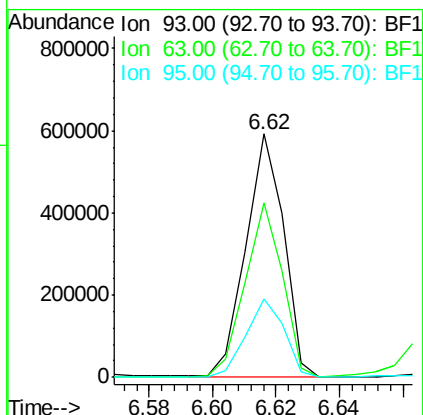
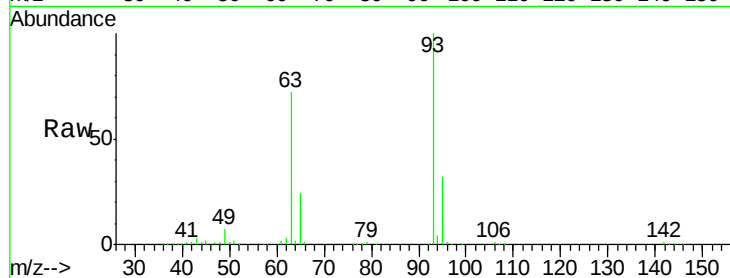




#11
bis(2-Chloroethyl)ether
Concen: 42.399 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

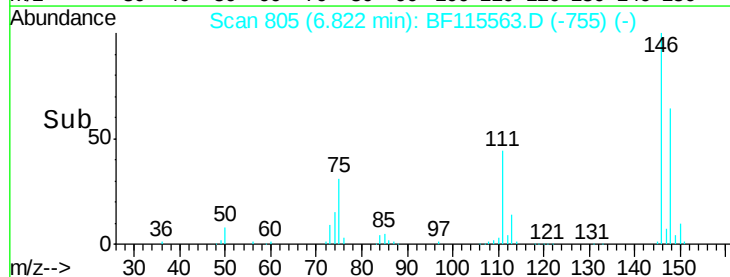
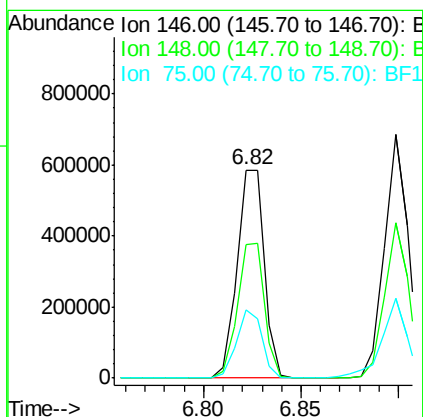
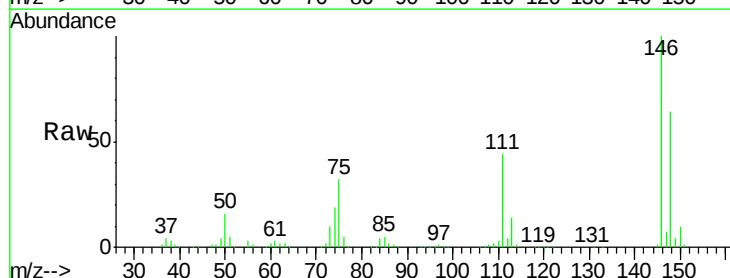
Instrument :
BNA_F
ClientSampleId :

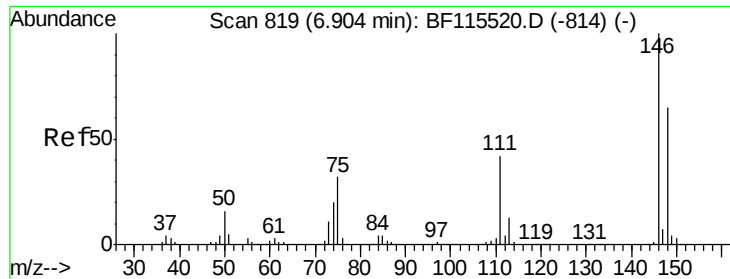
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.6	52.2	92.2
95	32.3	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 42.366 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.1	78.1
75	32.5	24.9	37.3

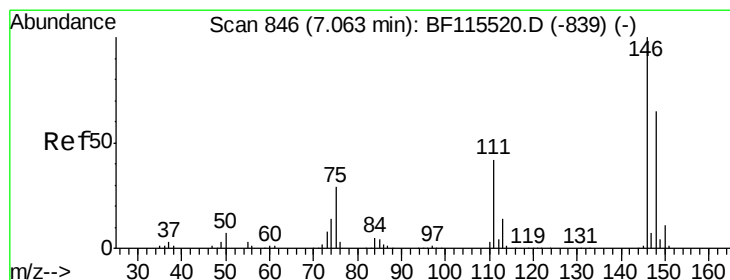
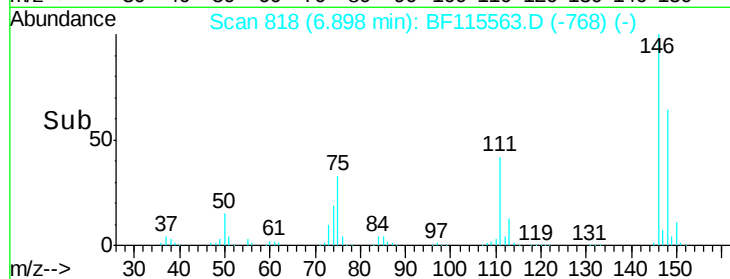
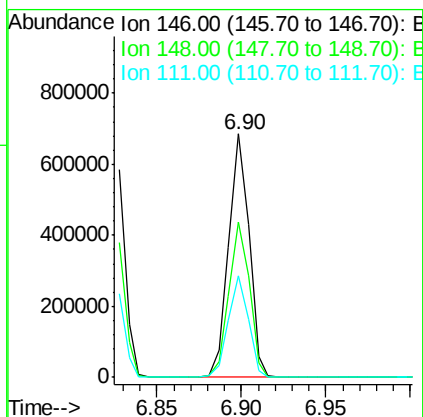
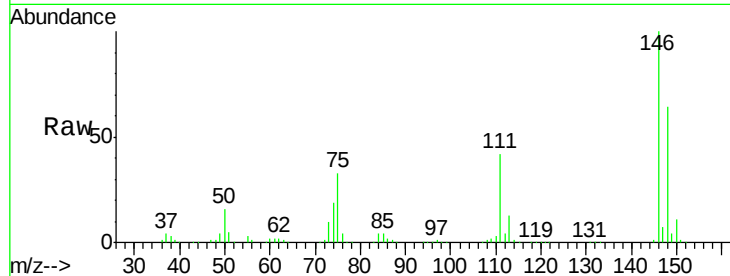




#13
 1,4-Dichlorobenzene
 Concen: 43.244 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF115563.D
 Acq: 15 Jul 2019 18:19

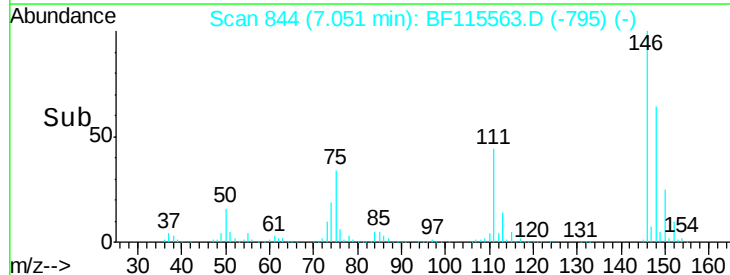
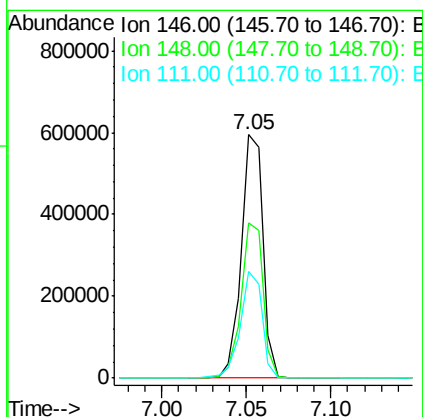
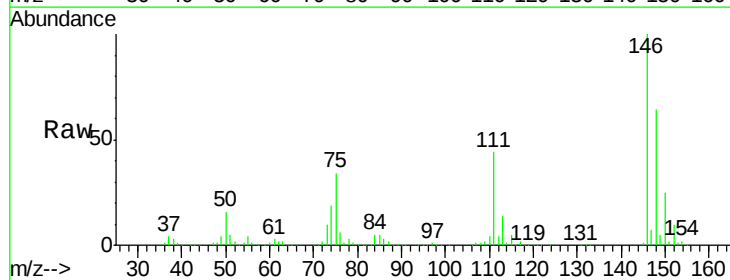
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 574938
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.8 77.6
 111 41.7 35.5 53.3



#14
 1,2-Dichlorobenzene
 Concen: 43.772 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF115563.D
 Acq: 15 Jul 2019 18:19

Tgt Ion:146 Resp: 531977
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.1 76.7
 111 43.9 37.6 56.4





#15

Benzyl Alcohol

Concen: 45.218 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

Instrument :

BNA_F

ClientSampleId :

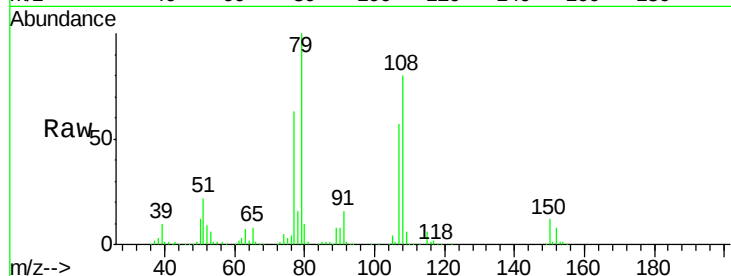
Tot Ion: 79 Resp: 469192

Ion Ratio Lower Upper

79 100

108 80.4 64.2 96.4

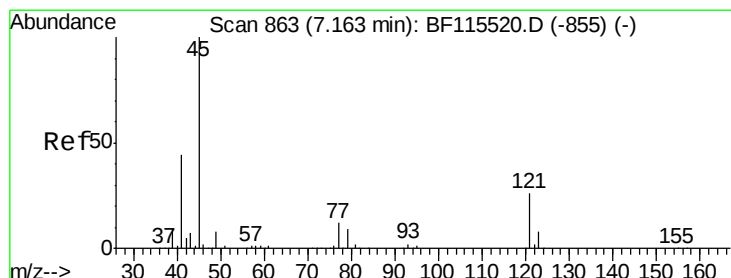
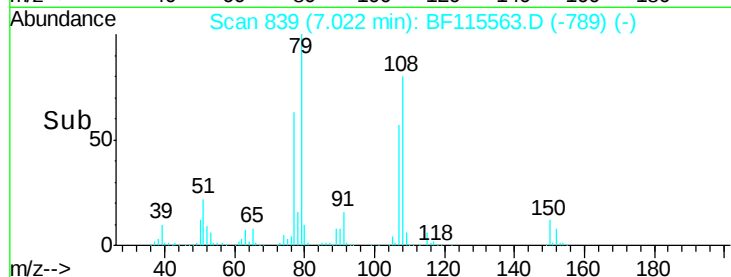
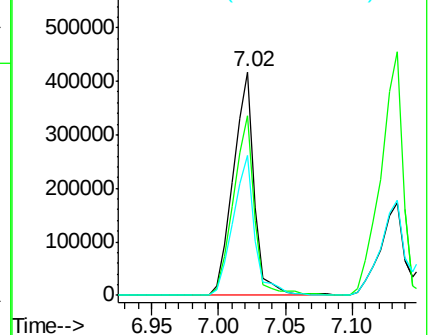
77 62.6 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.670 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

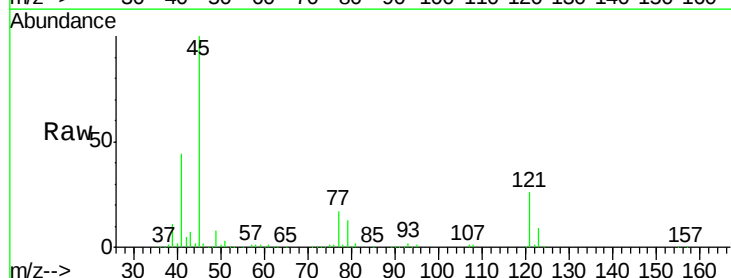
Tgt Ion: 45 Resp: 649424

Ion Ratio Lower Upper

45 100

77 16.9 0.0 38.1

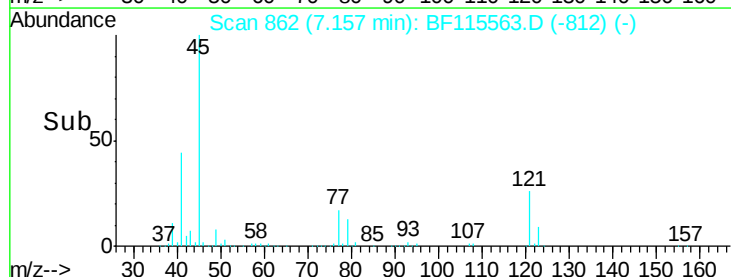
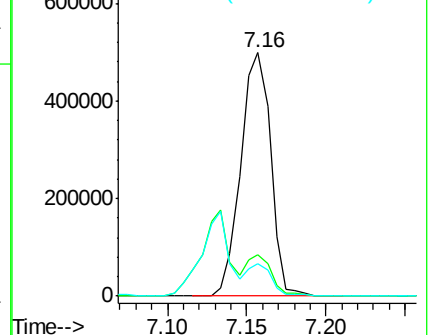
79 13.2 0.0 34.1

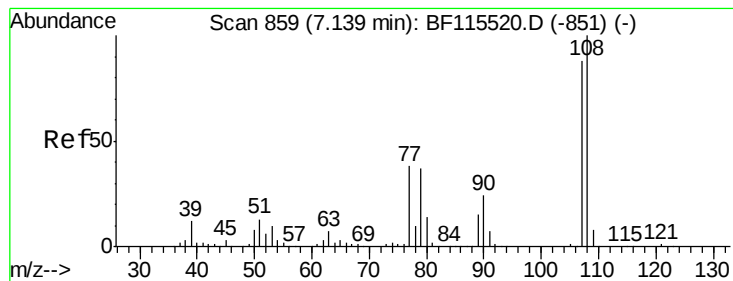


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

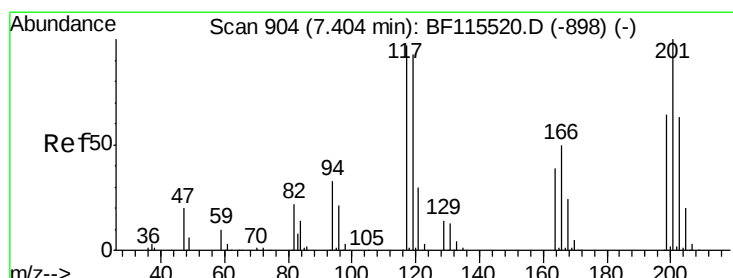
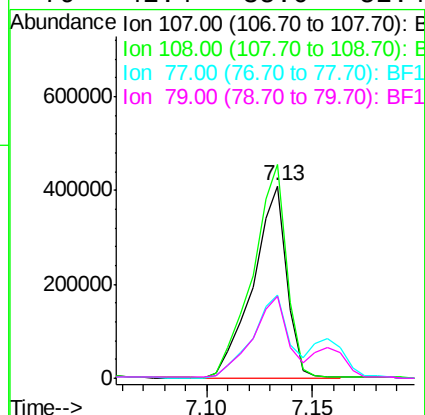
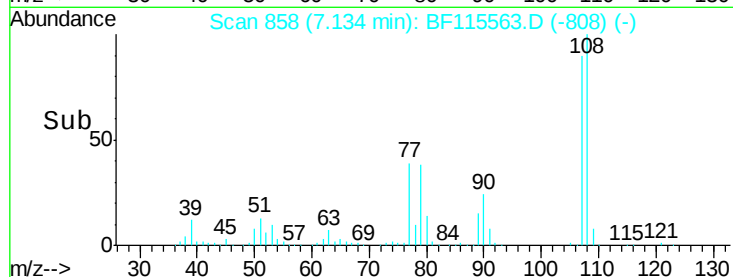
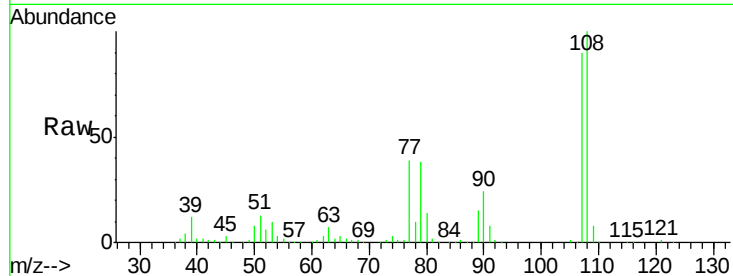




#17
2-Methylphenol
Concen: 44.693 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

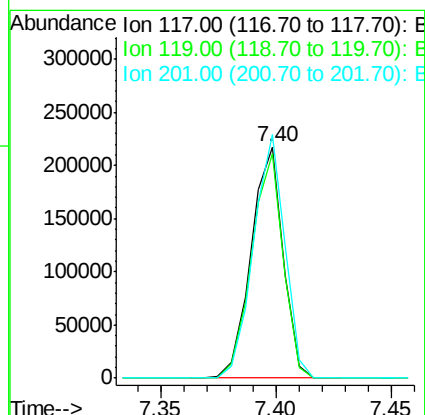
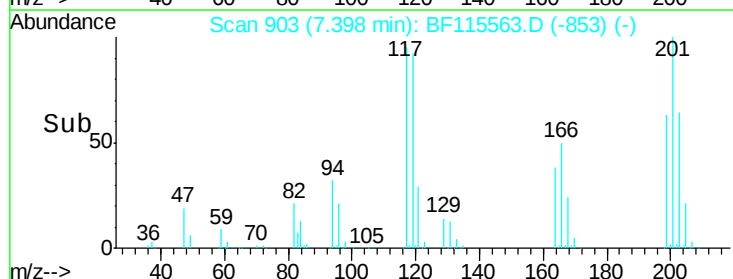
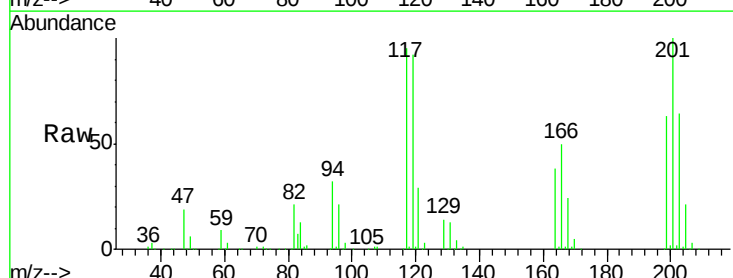
Instrument :
BNA_F
ClientSampleId :

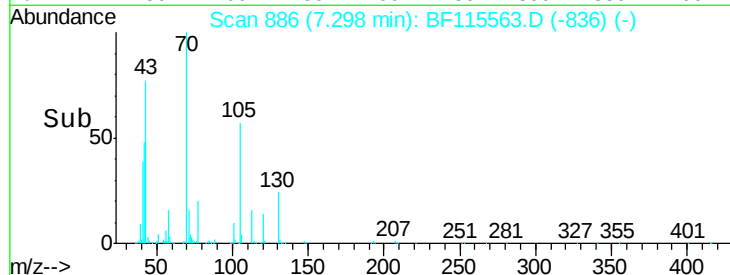
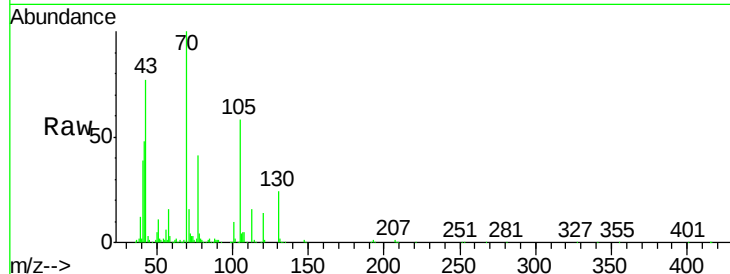
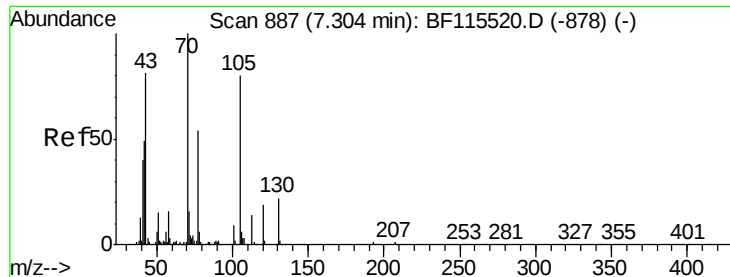
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	89.4	134.2
77	43.3	35.7	53.5
79	42.4	35.0	52.4



#18
Hexachloroethane
Concen: 42.567 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.7	116.5
201	105.2	86.0	129.0

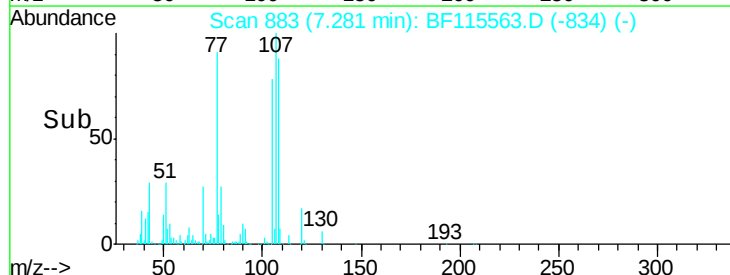
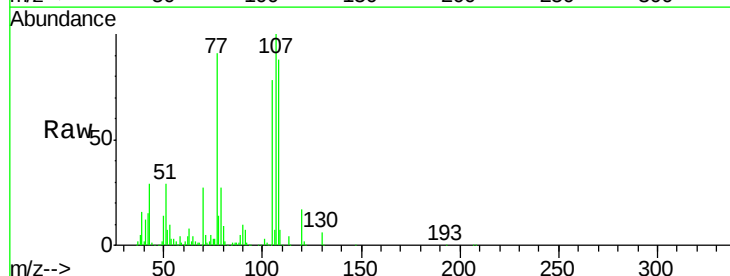
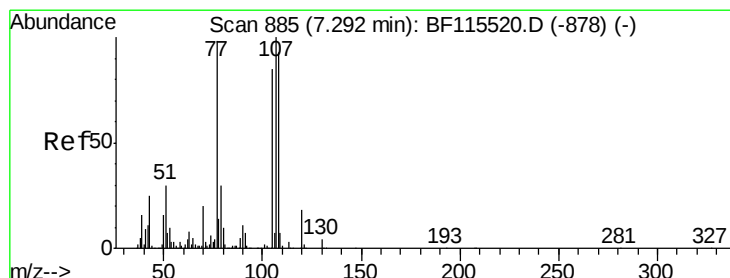
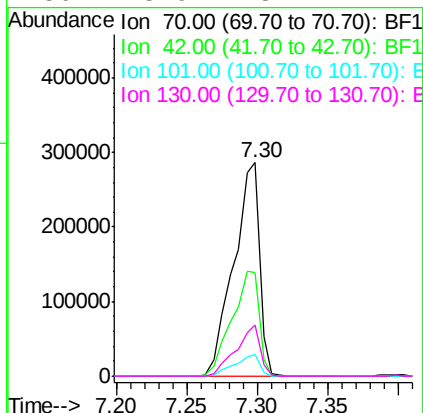




#19
n-Nitroso-di-n-propylamine
Concen: 42.769 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

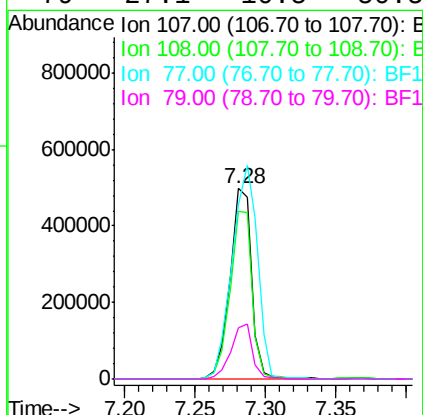
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	364846
Ion	Ratio	Lower	Upper
70	100		
42	48.5	39.6	59.4
101	10.2	8.1	12.1
130	23.9	18.2	27.2



#20
3+4-Methylphenols
Concen: 43.759 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

Tgt Ion:	107	Resp:	530882
Ion	Ratio	Lower	Upper
107	100		
108	87.9	72.9	112.9
77	91.3	77.6	117.6
79	27.1	10.5	50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115563.D

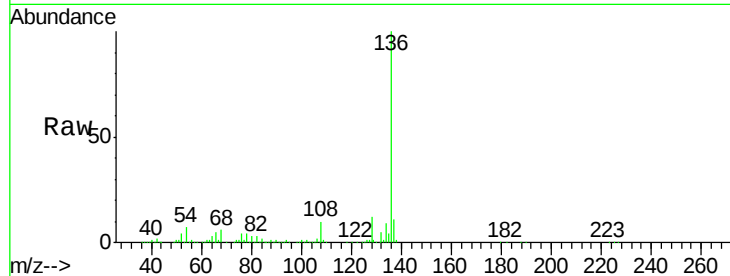
Acq: 15 Jul 2019 18:19

Instrument :

BNA_F

ClientSampled :

Tot Ion:136	Resp: 663347
Ion Ratio	Lower Upper
136 100	
137 11.0	9.0 13.4
54 6.8	5.6 8.4
68 6.1	5.0 7.6

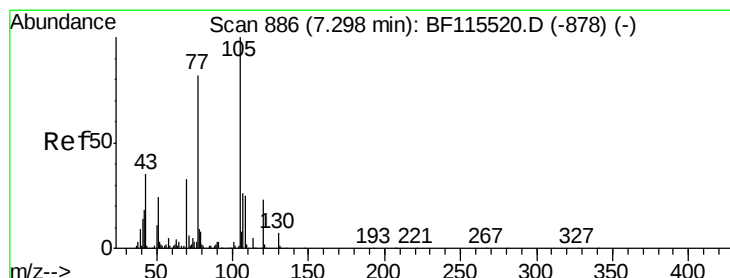
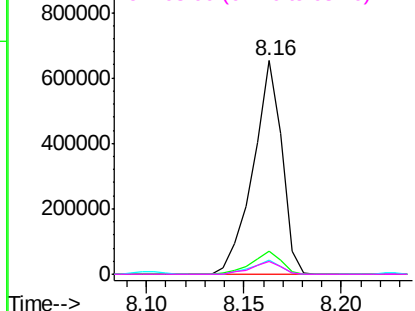
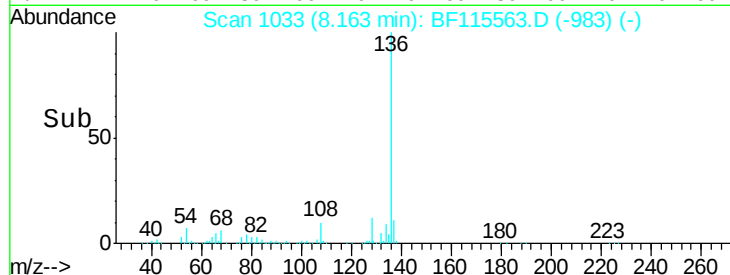


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.358 ng

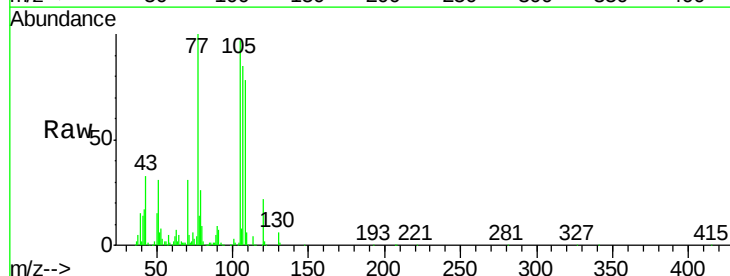
RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

Tgt	Ion:105	Resp:	709707
Ion	Ratio	Lower	Upper
105	100		
71	5.5	3.5	5.3#
51	31.8	25.6	38.4
120	22.4	17.9	26.9

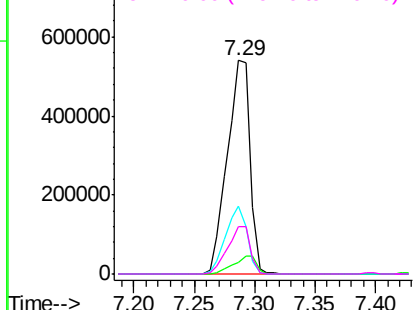
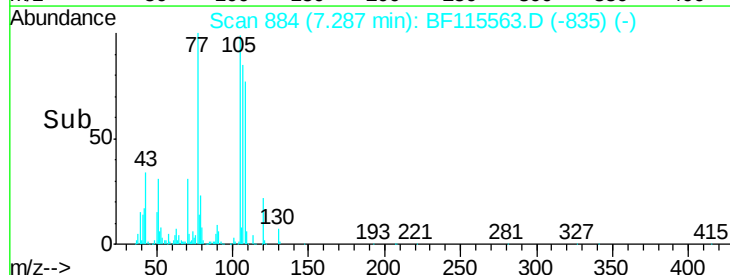


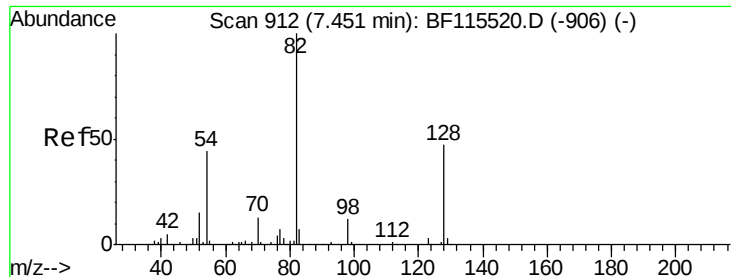
Abundance Ion 105.00 (104.70 to 105.70): E

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: 91.645 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

Instrument :

BNA_F

ClientSampleId :

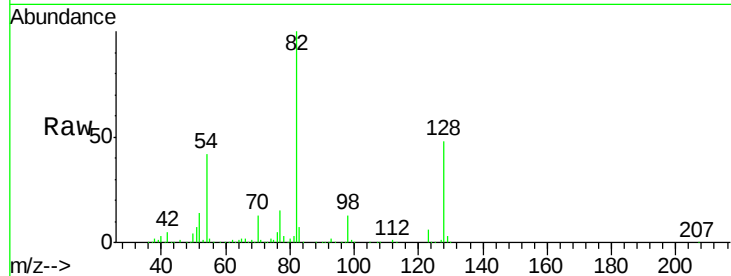
Tot Ion: 82 Resp: 1045503

Ion Ratio Lower Upper

82 100

128 48.0 38.6 57.8

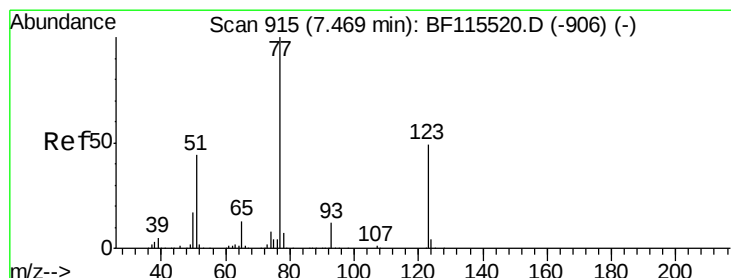
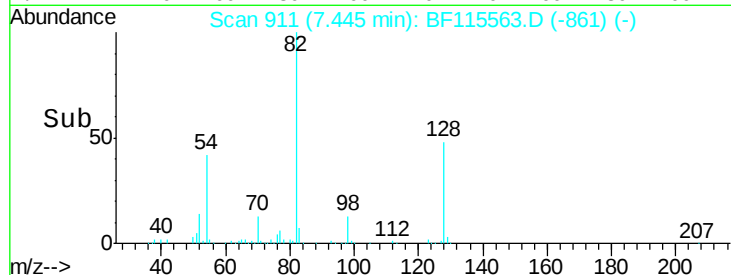
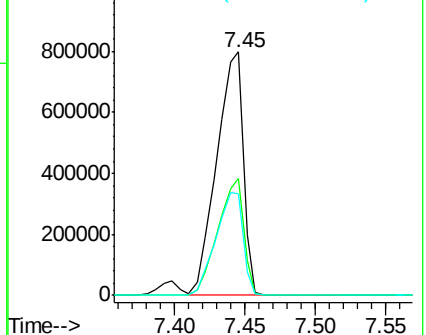
54 42.0 35.6 53.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 46.071 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

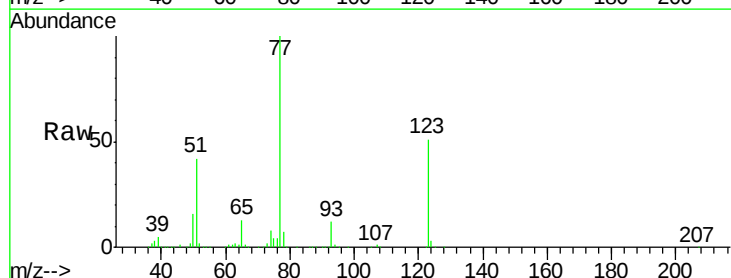
Tgt Ion: 77 Resp: 566893

Ion Ratio Lower Upper

77 100

123 51.4 40.0 60.0

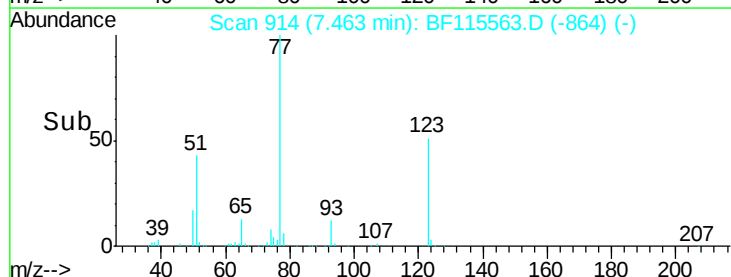
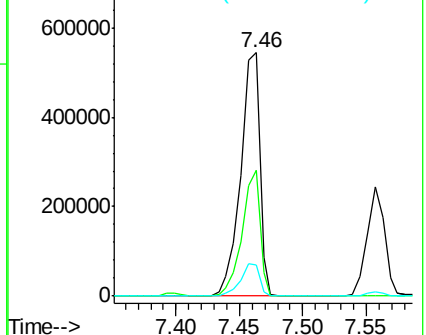
65 12.6 11.0 16.4

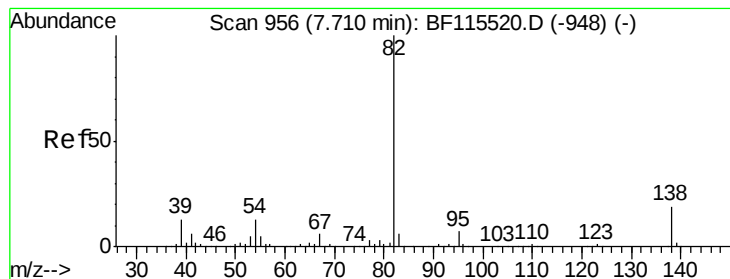


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.627 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

Instrument :

BNA_F

ClientSampleId :

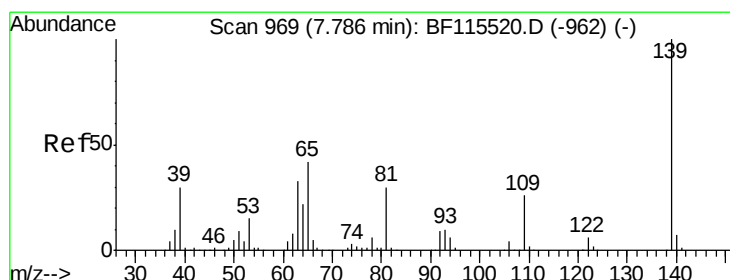
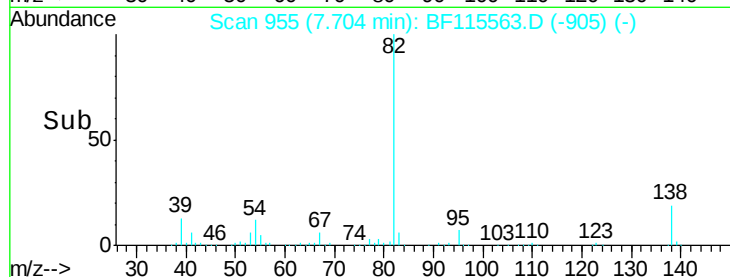
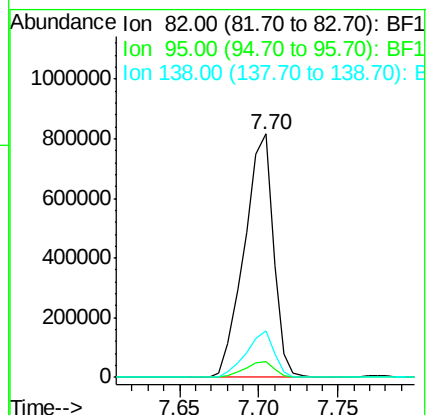
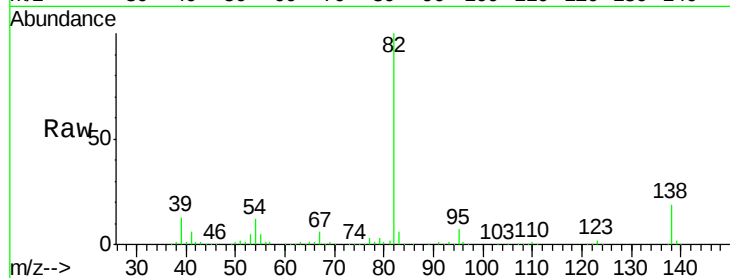
Tot Ion: 82 Resp: 1041573

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 18.9 14.9 22.3



#26

2-Nitrophenol

Concen: 47.537 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

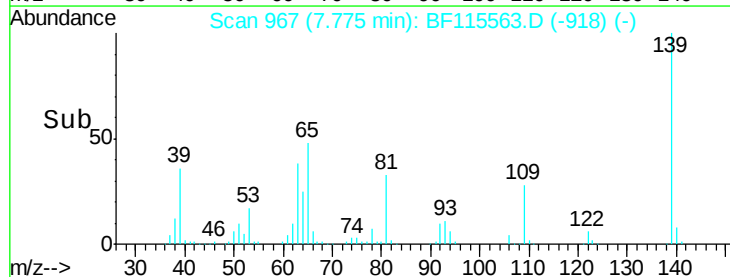
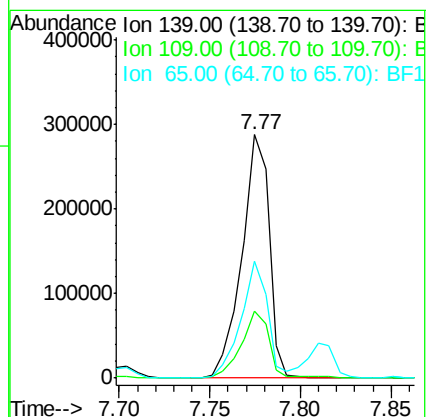
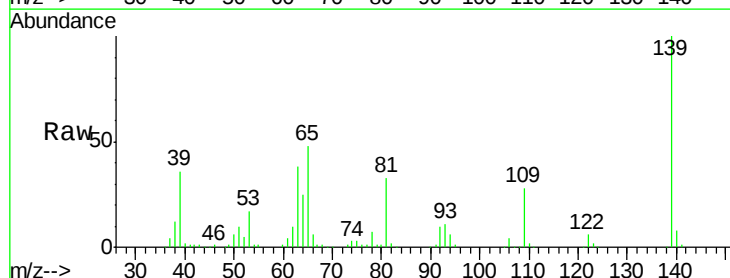
Tgt Ion: 139 Resp: 301072

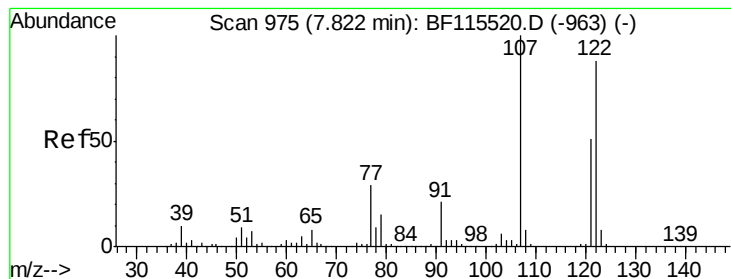
Ion Ratio Lower Upper

139 100

109 27.6 23.3 34.9

65 47.8 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 53.285 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

Instrument :

BNA_F

ClientSampleId :

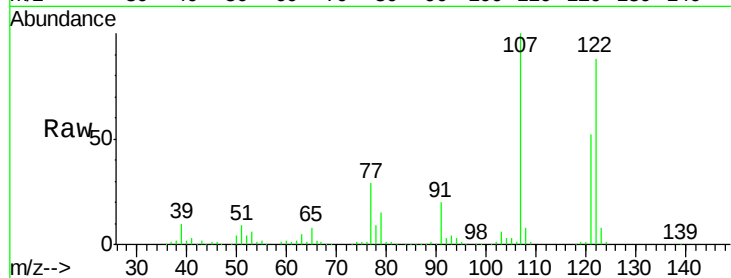
Tot Ion:122 Resp: 504943

Ion Ratio Lower Upper

122 100

107 113.7 92.9 139.3

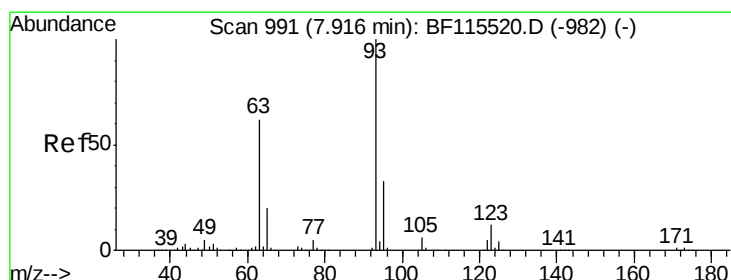
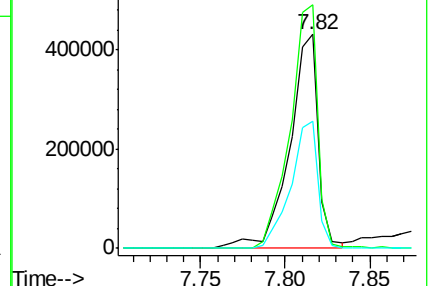
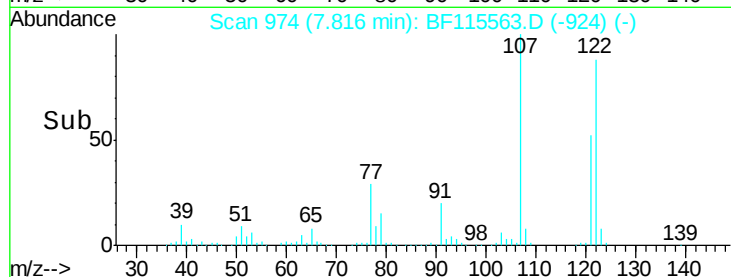
121 59.2 46.9 70.3



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: 45.563 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

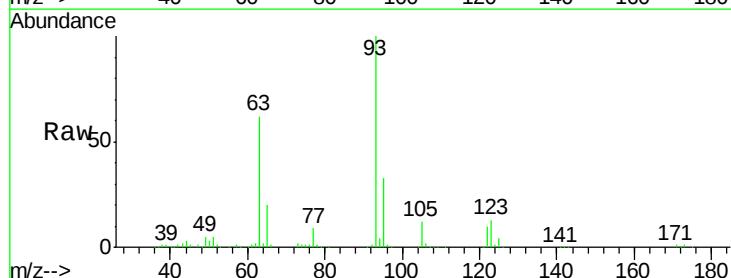
Tgt Ion: 93 Resp: 638089

Ion Ratio Lower Upper

93 100

95 32.9 27.0 40.4

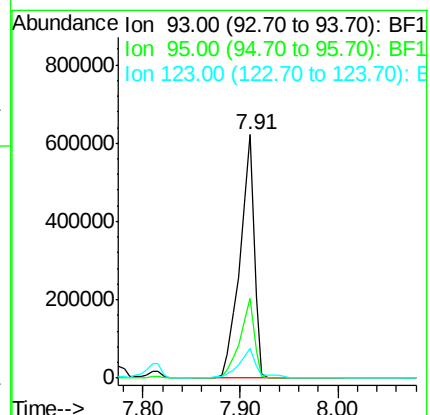
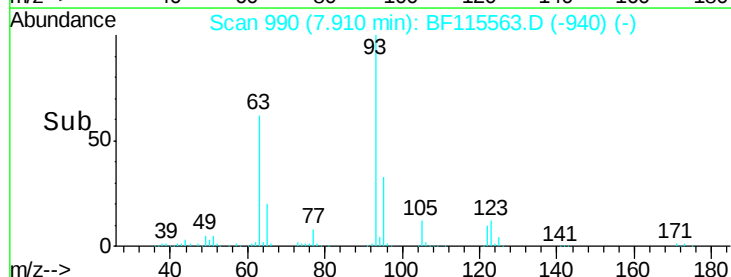
123 12.5 9.9 14.9

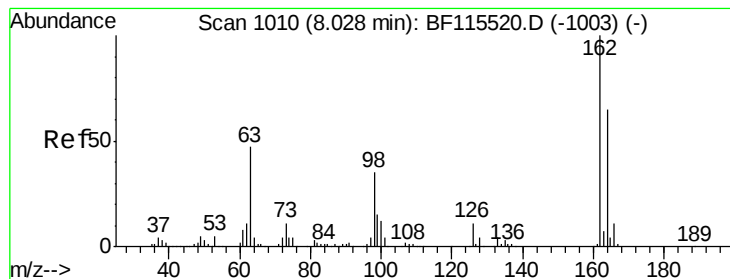


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.155 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

Instrument :

BNA_F

ClientSampleId :

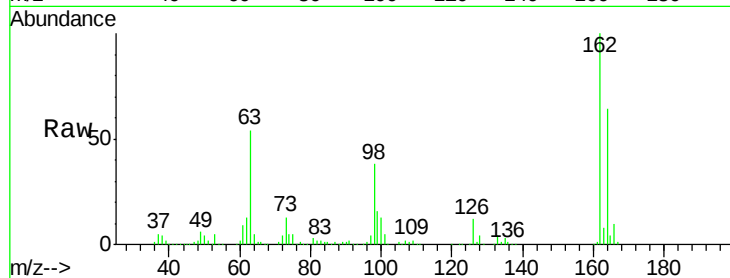
Tot Ion:162 Resp: 474591

Ion Ratio Lower Upper

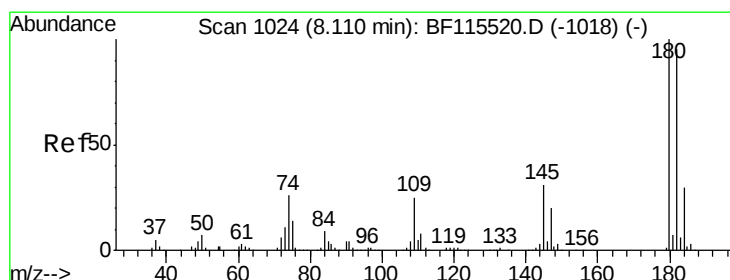
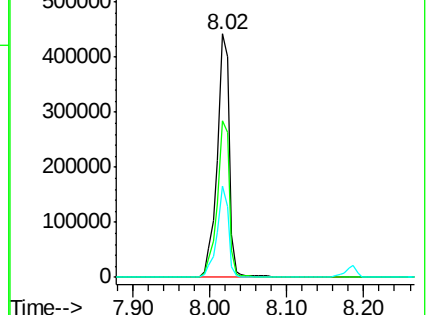
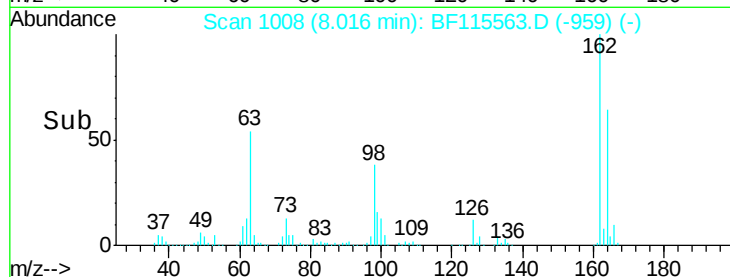
162 100

164 64.4 44.9 84.9

98 37.5 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: 45.922 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

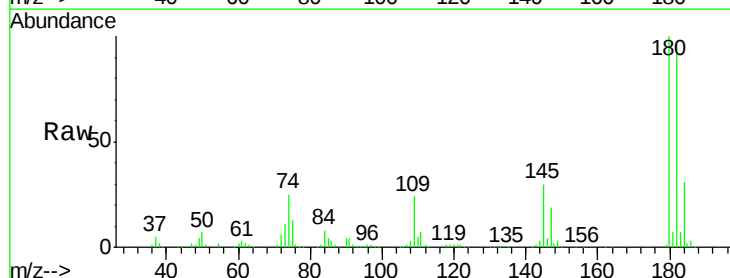
Tgt Ion:180 Resp: 511583

Ion Ratio Lower Upper

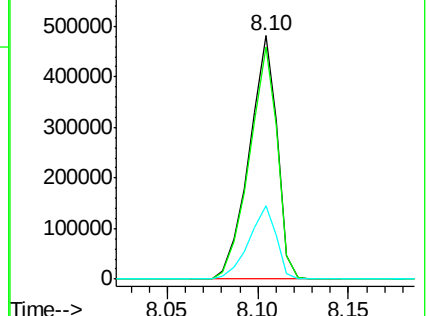
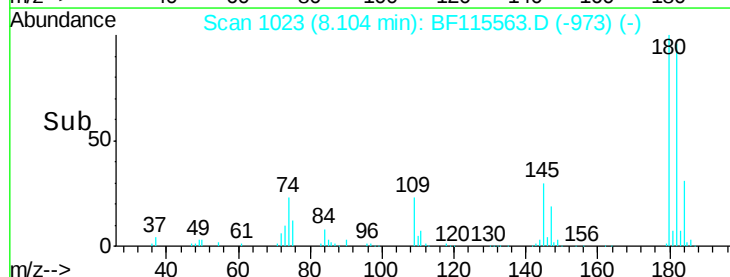
180 100

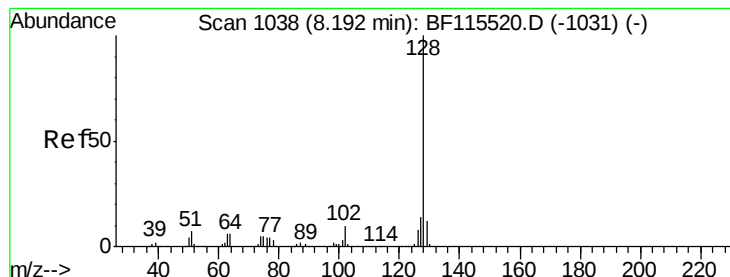
182 95.6 75.0 112.6

145 30.3 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: 47.676 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

Instrument :

BNA_F

ClientSampleId :

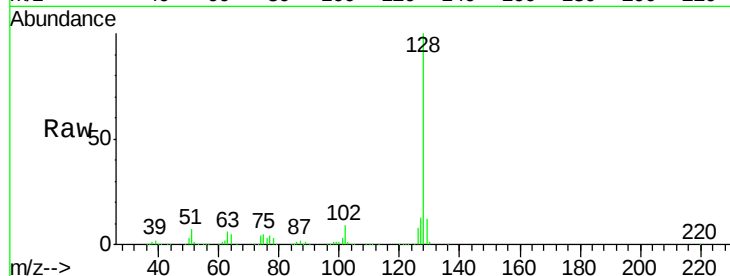
Tot Ion:128 Resp: 1531638

Ion Ratio Lower Upper

128 100

129 11.7 9.9 14.9

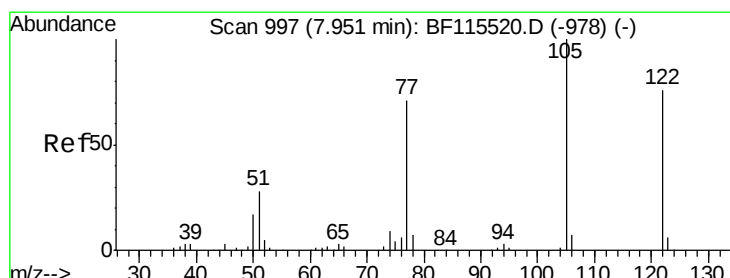
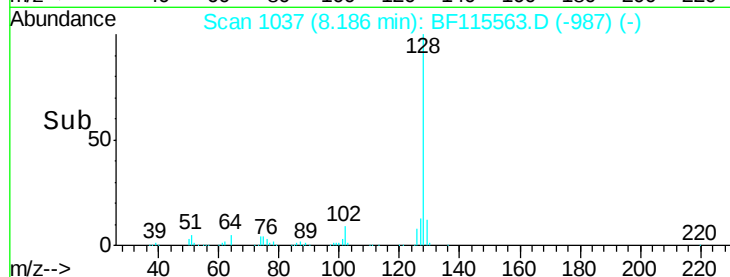
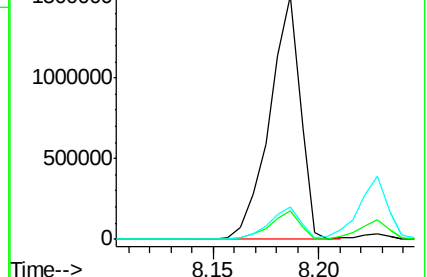
127 13.5 12.1 18.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.219 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

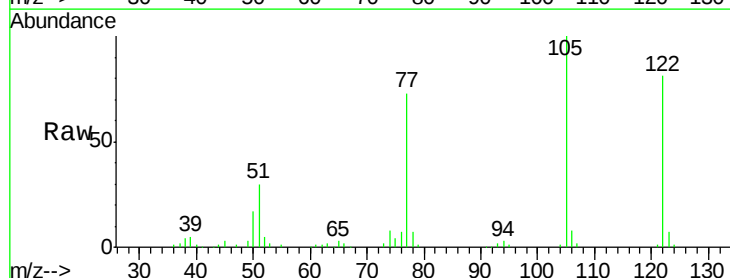
Tgt Ion:122 Resp: 351662

Ion Ratio Lower Upper

122 100

105 123.4 102.5 142.5

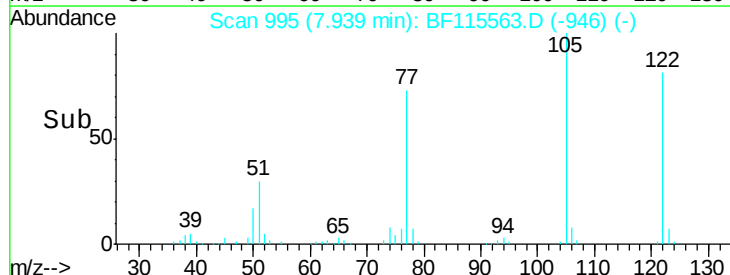
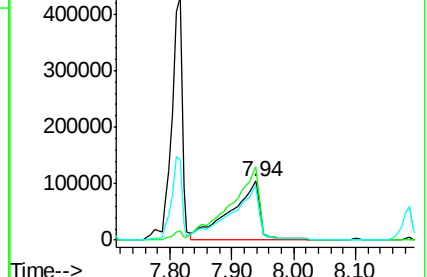
77 90.6 70.2 110.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

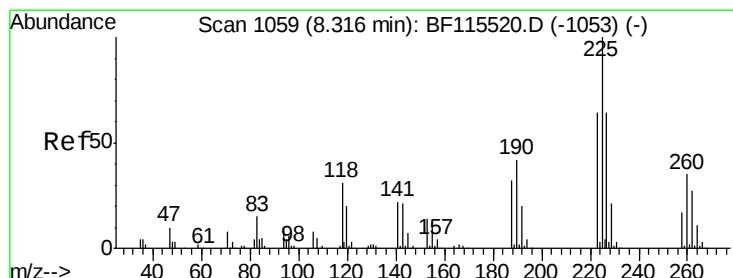
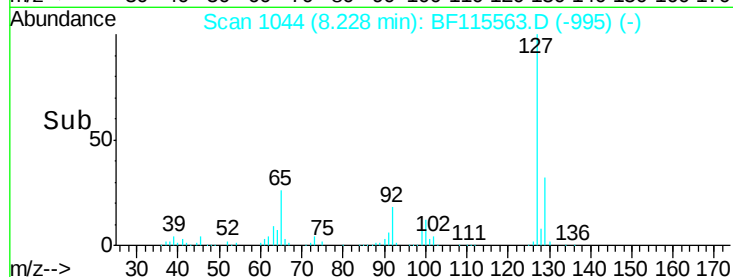
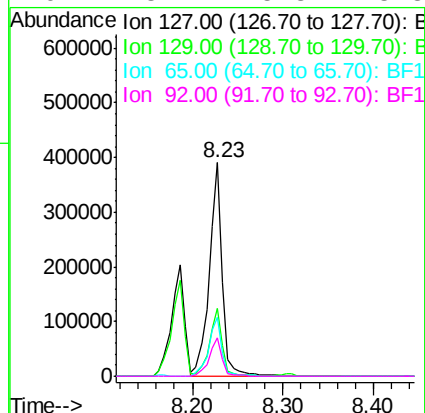
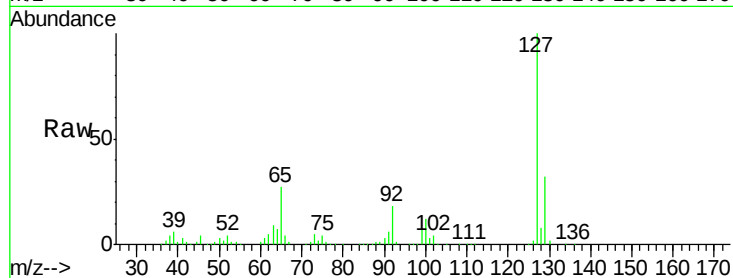




#33
4-Chloroaniline
Concen: 27.748 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

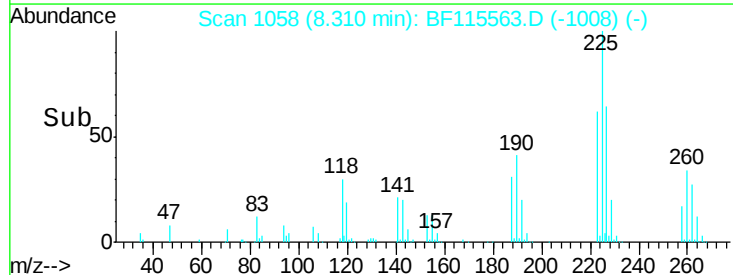
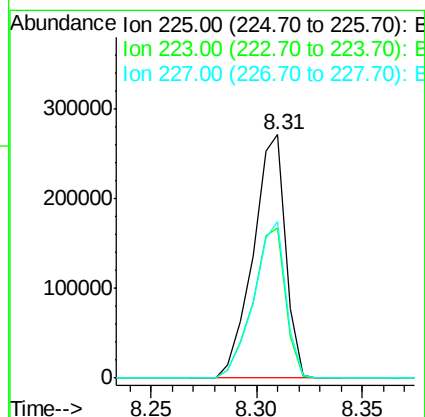
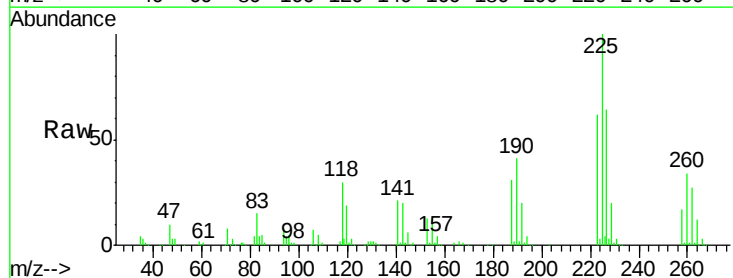
Instrument :
BNA_F
ClientSampleId :

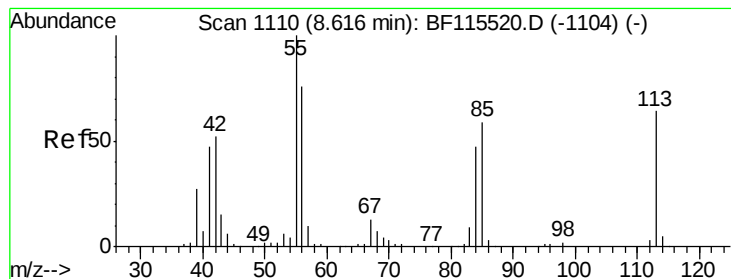
Tot Ion:	127	Resp:	394861
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.6	39.8
65	27.4	23.7	35.5
92	18.2	15.8	23.8



#34
Hexachlorobutadiene
Concen: 45.292 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

Tgt Ion:	225	Resp:	289345
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.9	76.3
227	64.1	50.7	76.1





#35

Caprolactam

Concen: 26.620 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

Instrument :

BNA_F

ClientSampled :

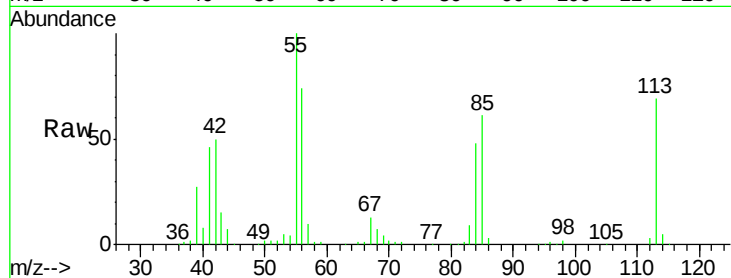
Tot Ion:113 Resp: 81070

Ion Ratio Lower Upper

113 100

55 144.6 126.9 166.9

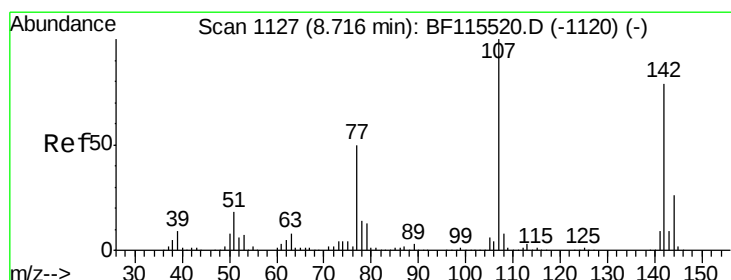
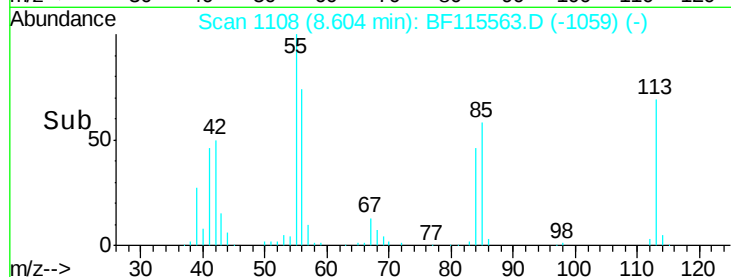
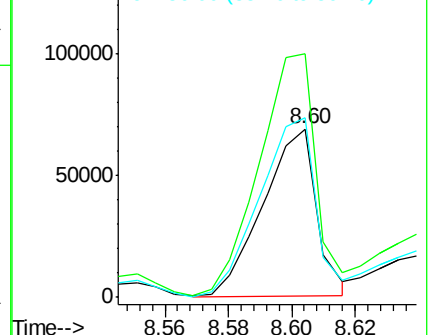
56 106.5 90.3 130.3



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: 47.679 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

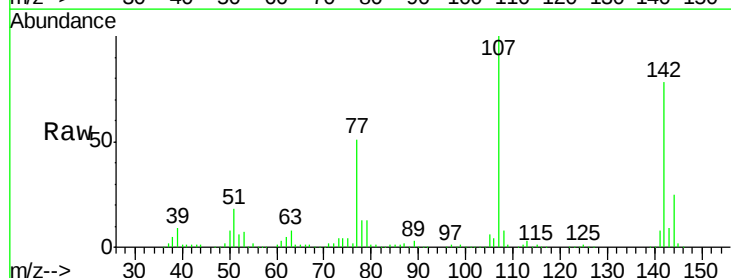
Tgt Ion:107 Resp: 487419

Ion Ratio Lower Upper

107 100

144 25.3 20.6 30.8

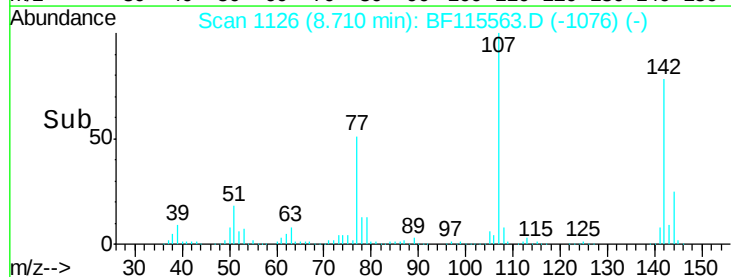
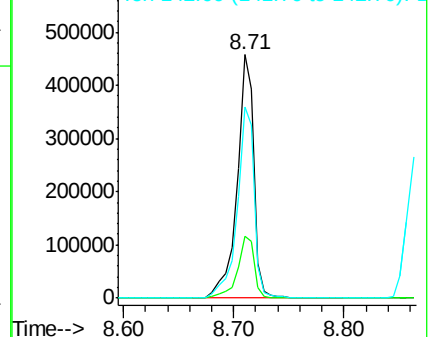
142 78.5 63.1 94.7

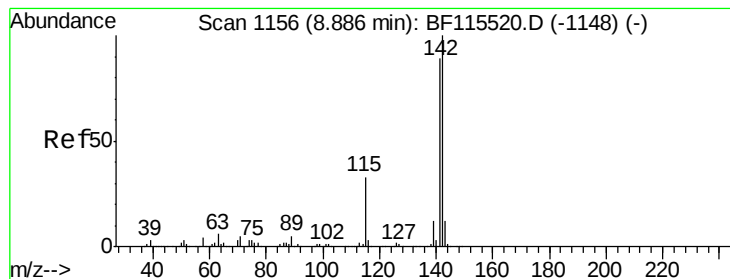


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.861 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

Instrument :

BNA_F

ClientSampleId :

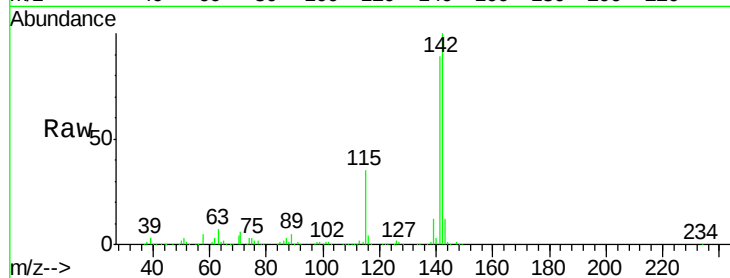
Tot Ion:142 Resp: 1040510

Ion Ratio Lower Upper

142 100

141 88.6 72.0 108.0

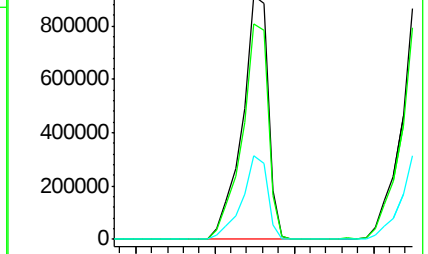
115 34.5 29.9 44.9



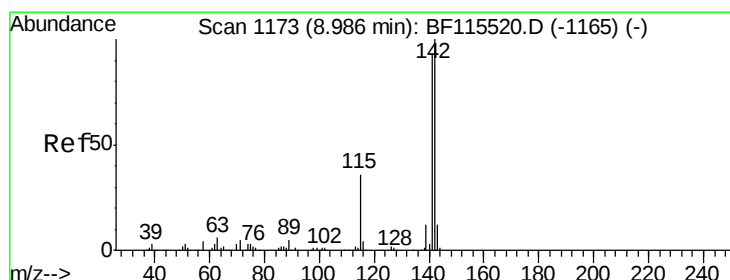
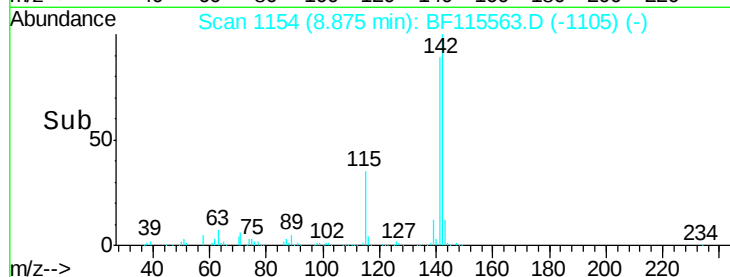
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#38

1-Methylnaphthalene

Concen: 48.274 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

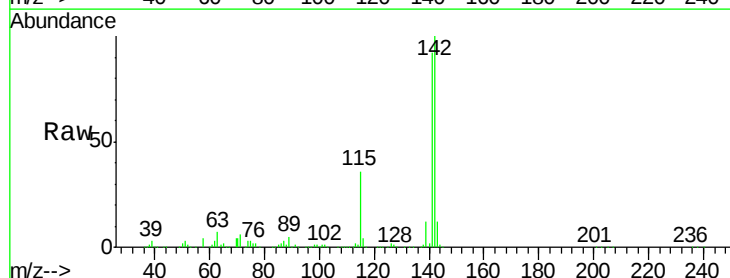
Tgt Ion:142 Resp: 976452

Ion Ratio Lower Upper

142 100

141 91.8 75.3 112.9

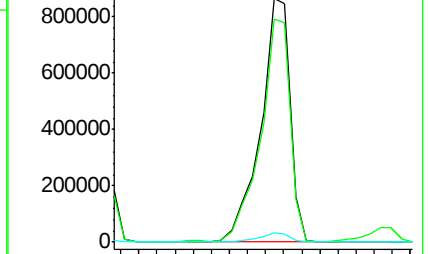
116 3.8 3.3 4.9



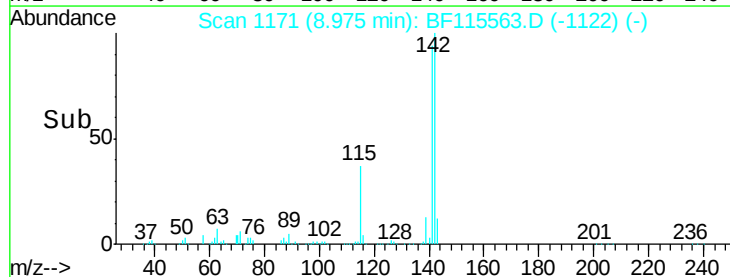
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



Time-->

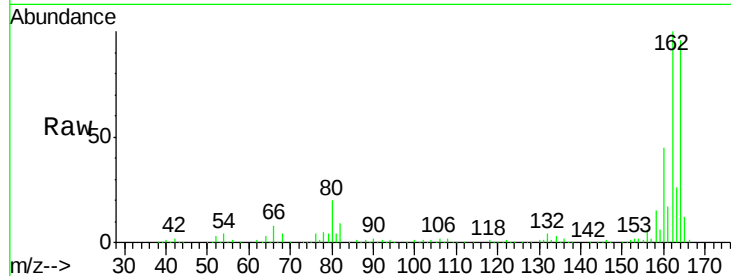




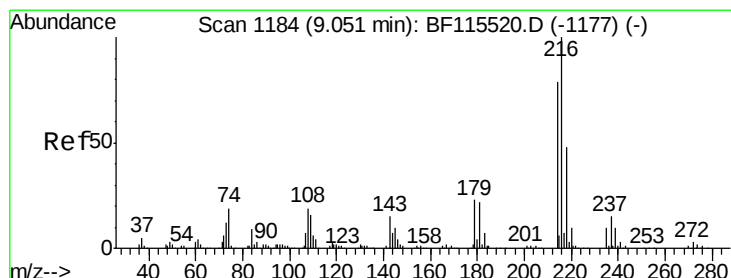
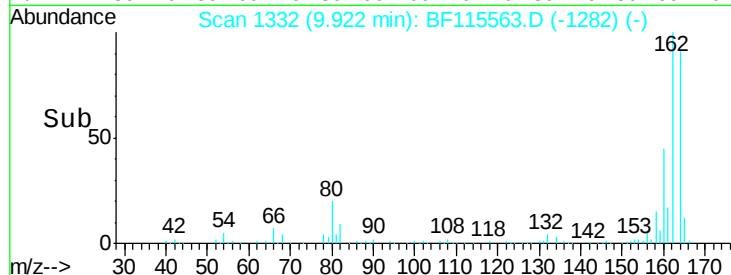
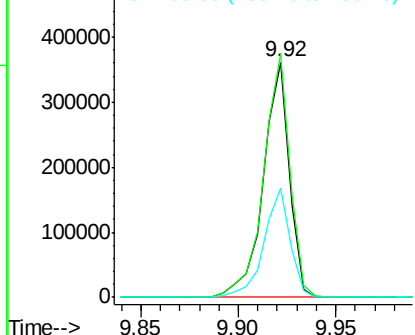
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 334047
Ion Ratio Lower Upper
164 100
162 103.7 82.9 124.3
160 46.8 36.8 55.2

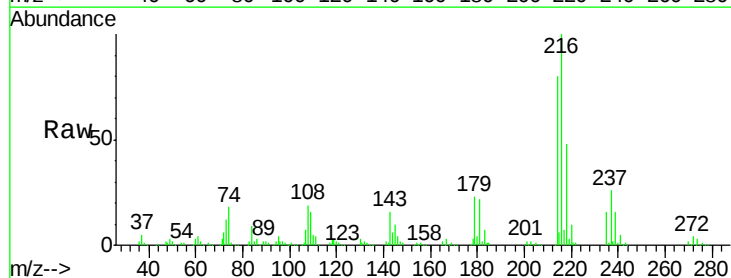


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

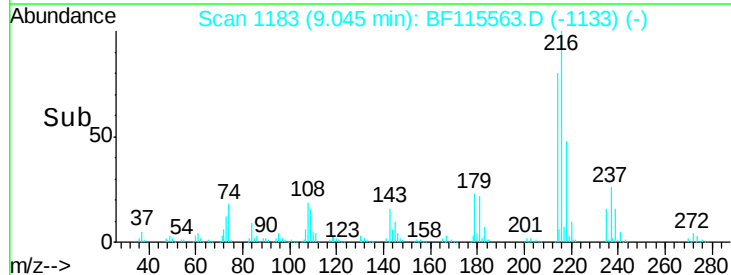
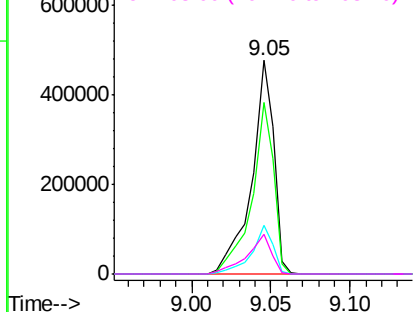


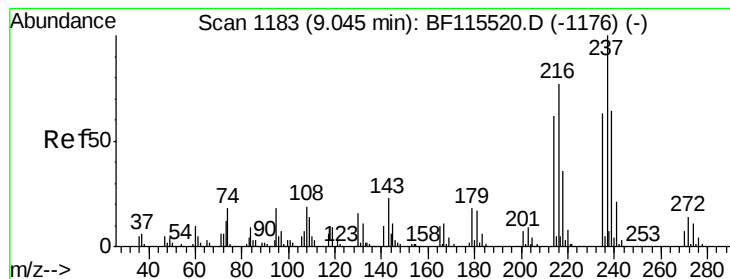
#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.974 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

Tgt Ion:216 Resp: 462472
Ion Ratio Lower Upper
216 100
214 79.5 65.1 97.7
179 22.0 18.3 27.5
108 20.3 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: 84.382 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

Instrument :

BNA_F

ClientSampleId :

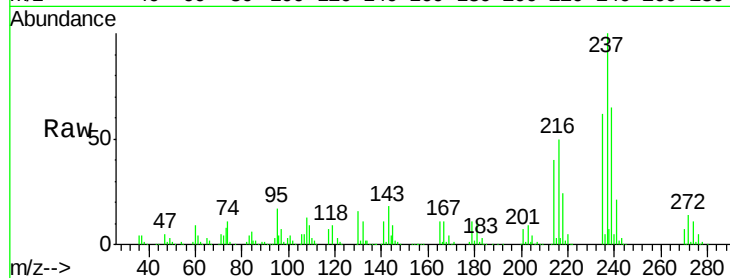
Tot Ion:237 Resp: 484204

Ion Ratio Lower Upper

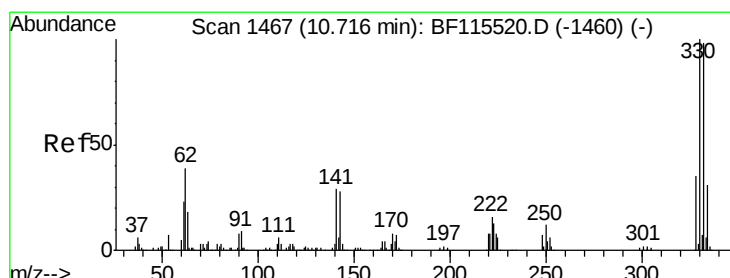
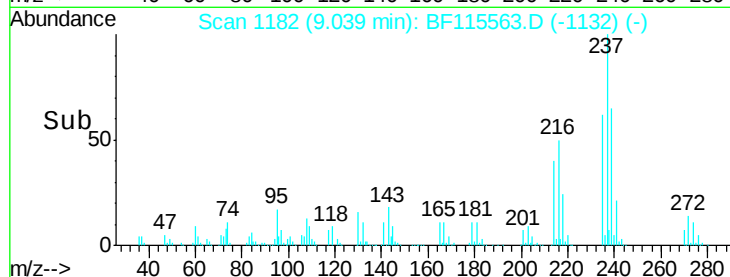
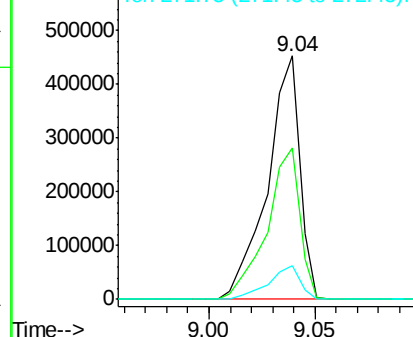
237 100

235 62.4 43.6 83.6

272 13.9 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: 134.672 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

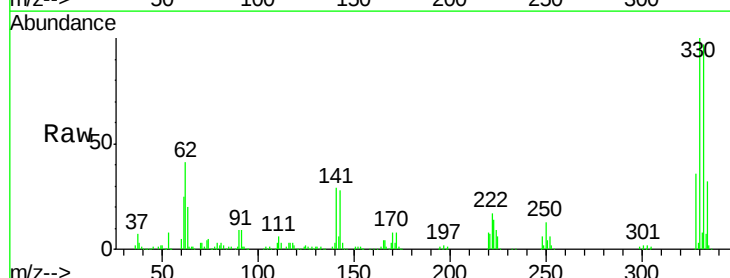
Tgt Ion:330 Resp: 525105

Ion Ratio Lower Upper

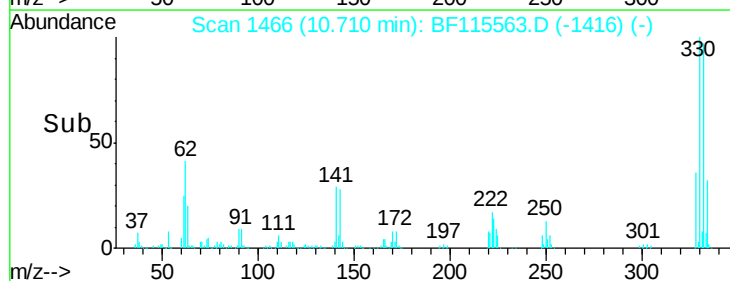
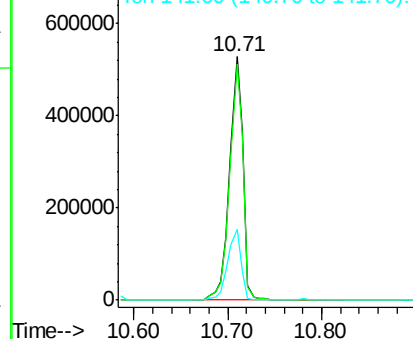
330 100

332 96.0 77.4 116.2

141 29.5 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

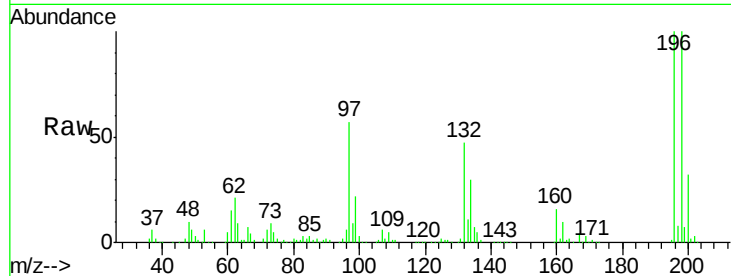




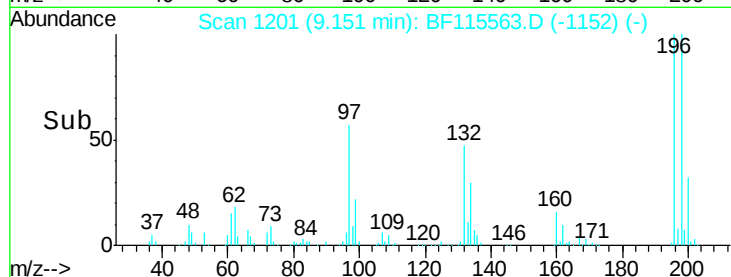
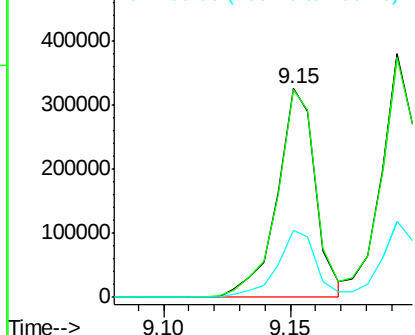
#43
 2,4,6-Trichlorophenol
 Concen: 46.772 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF115563.D
 Acq: 15 Jul 2019 18:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 344071
 Ion Ratio Lower Upper
 196 100
 198 99.9 80.6 121.0
 200 32.0 25.8 38.6

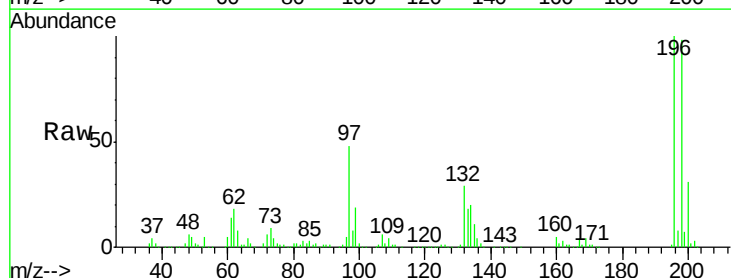


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

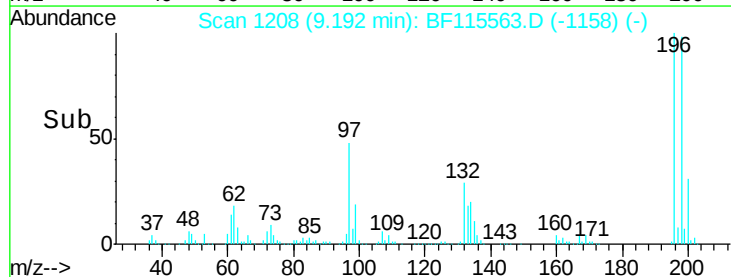
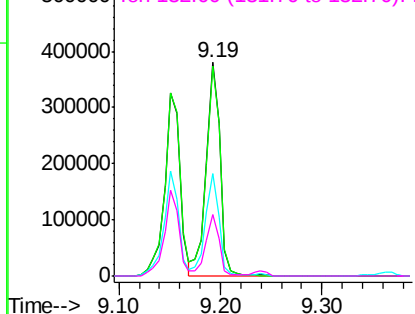


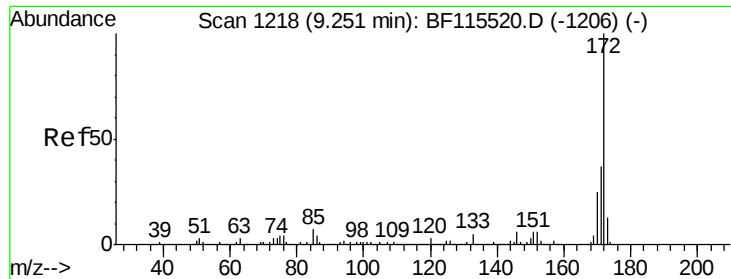
#44
 2,4,5-Trichlorophenol
 Concen: 47.863 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115563.D
 Acq: 15 Jul 2019 18:19

Tgt Ion:196 Resp: 360585
 Ion Ratio Lower Upper
 196 100
 198 98.4 79.6 119.4
 97 48.3 37.8 56.6
 132 28.7 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

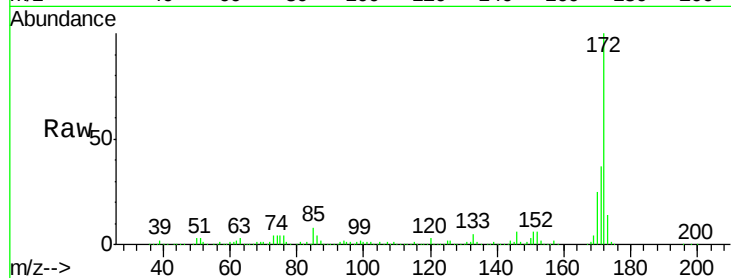




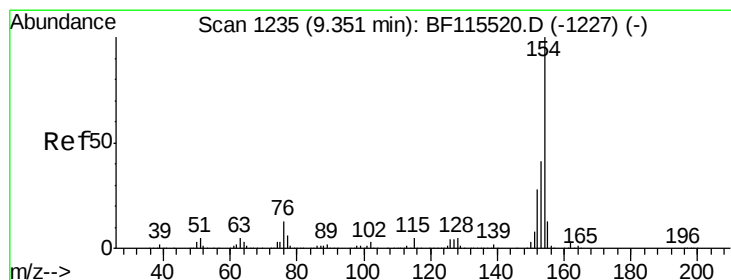
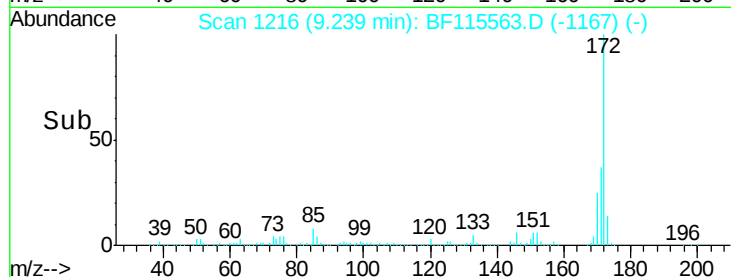
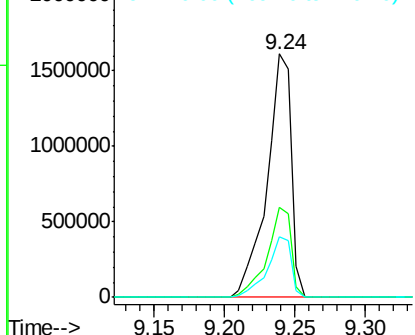
#45
2-Fluorobiphenyl
Concen: 102.284 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1952124
Ion Ratio Lower Upper
172 100
171 36.7 30.6 46.0
170 24.9 20.5 30.7

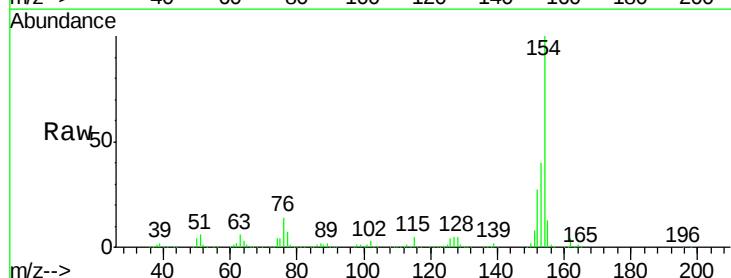


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

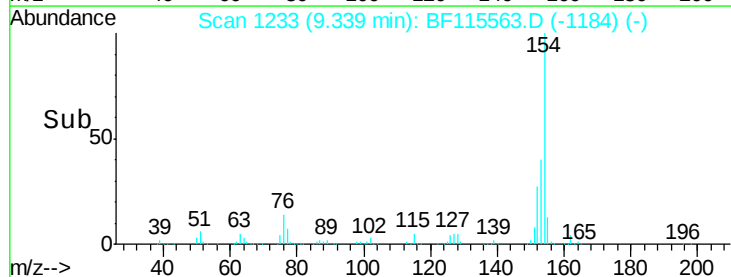
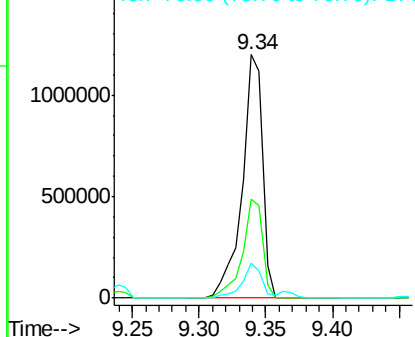


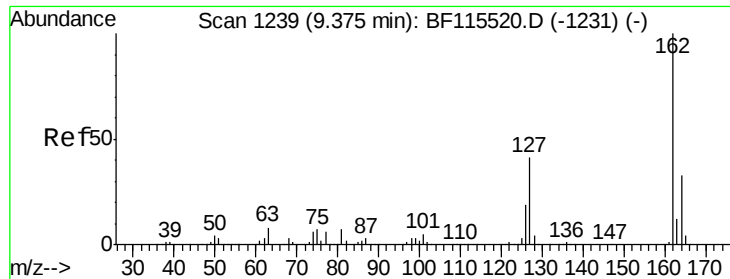
#46
1,1'-Biphenyl
Concen: 48.370 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

Tgt Ion:154 Resp: 1263217
Ion Ratio Lower Upper
154 100
153 40.5 22.6 62.6
76 14.2 0.0 33.4



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

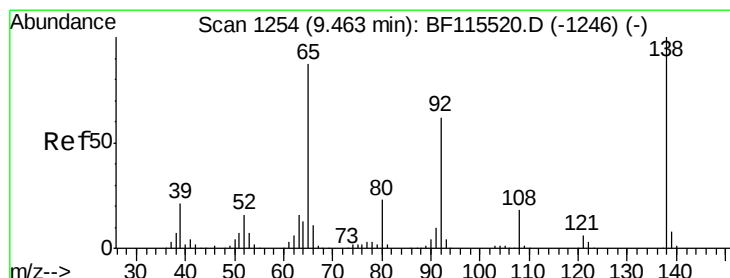
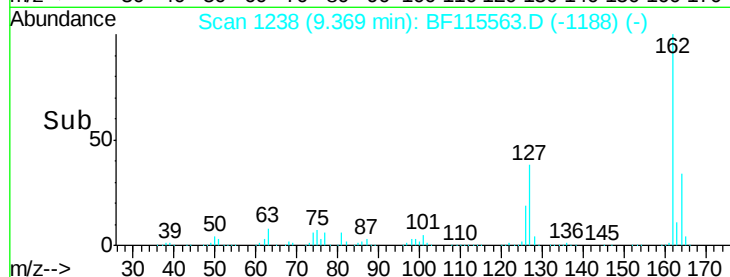
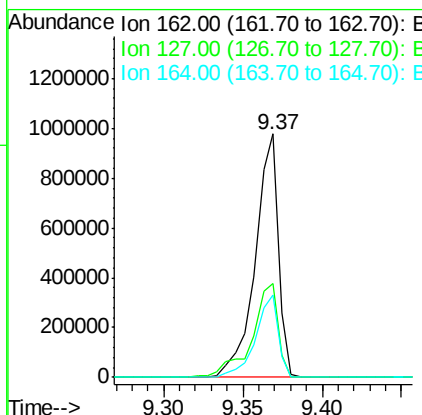
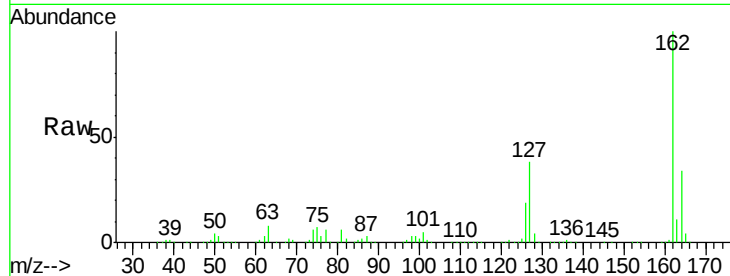




#47
2-Chloronaphthalene
Concen: 45.849 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

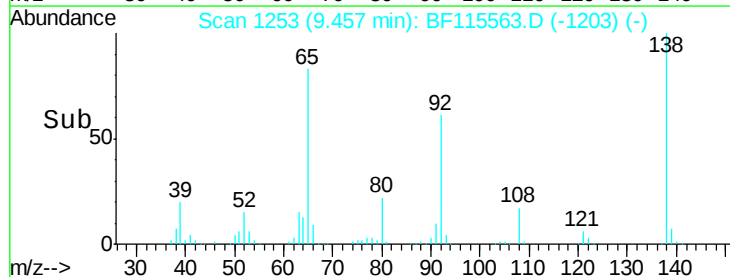
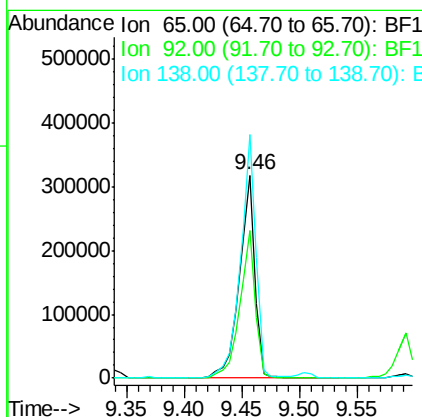
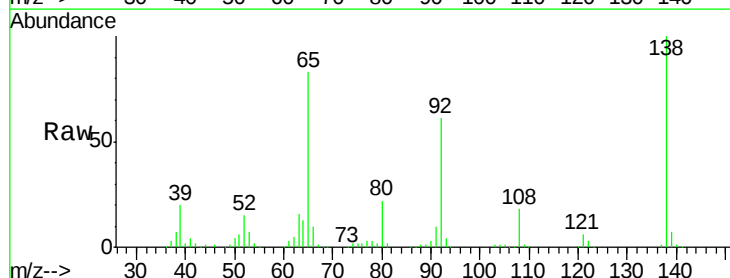
Instrument :
BNA_F
ClientSampleId :

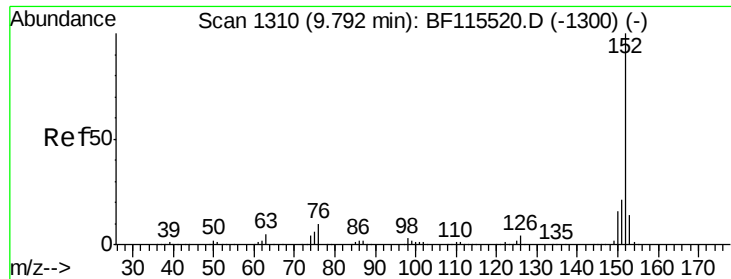
Tot Ion:162 Resp: 996995
Ion Ratio Lower Upper
162 100
127 38.4 34.1 51.1
164 33.6 27.4 41.2



#48
2-Nitroaniline
Concen: 44.434 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

Tgt Ion: 65 Resp: 299056
Ion Ratio Lower Upper
65 100
92 72.9 57.8 86.6
138 120.0 91.2 136.8





#49

Acenaphthylene

Concen: 47.250 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

Instrument :

BNA_F

ClientSampleId :

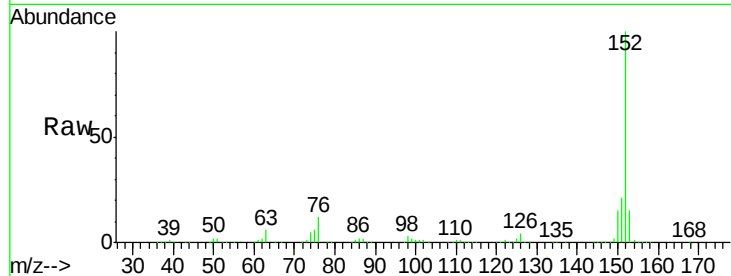
Tot Ion:152 Resp: 1522431

Ion Ratio Lower Upper

152 100

151 21.1 17.7 26.5

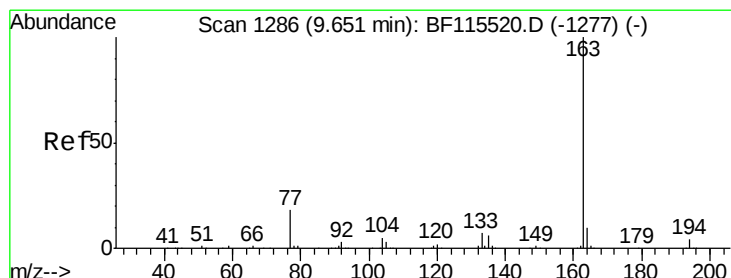
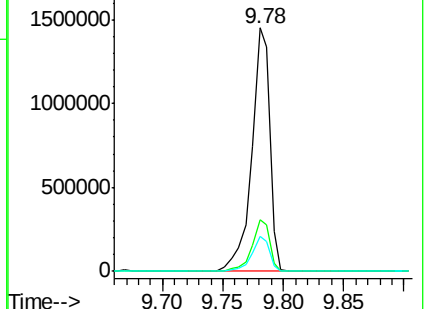
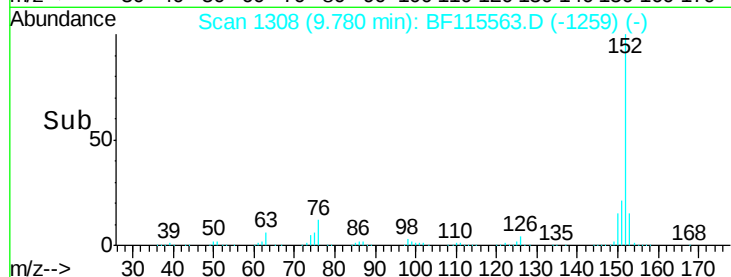
153 14.5 12.0 18.0



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: 46.390 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

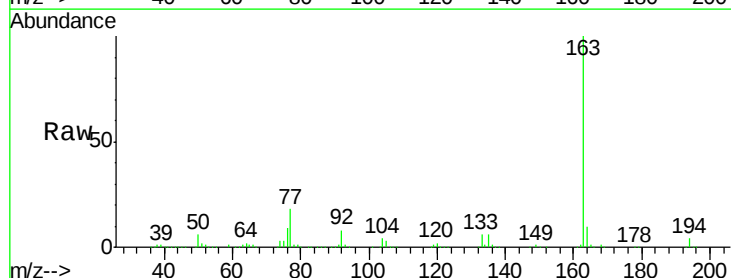
Tgt Ion:163 Resp: 1165900

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

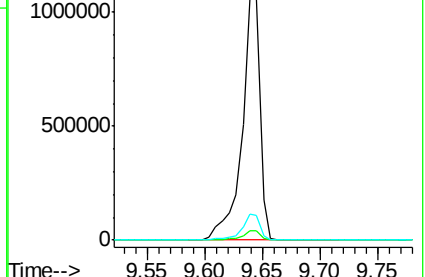
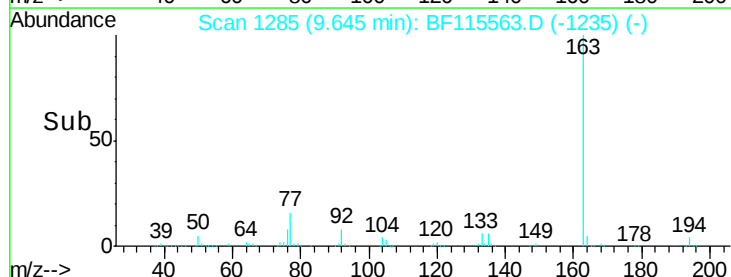
164 10.2 8.7 13.1

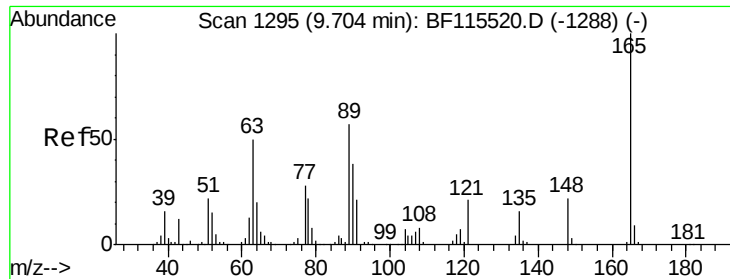


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

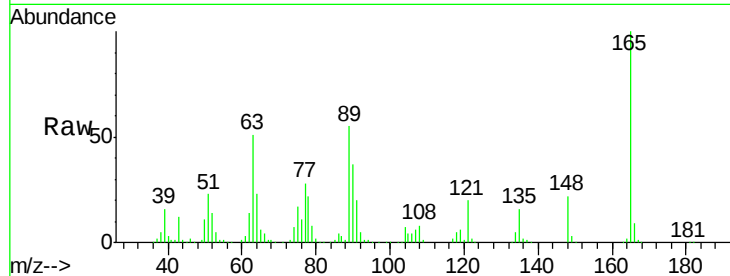




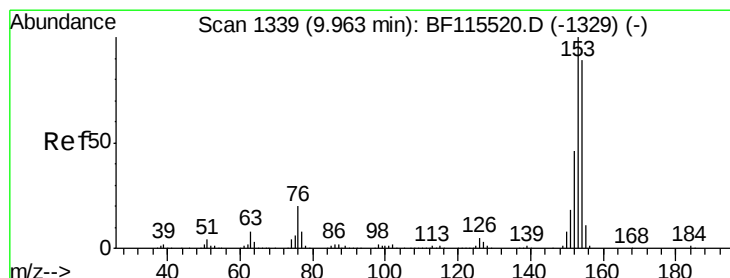
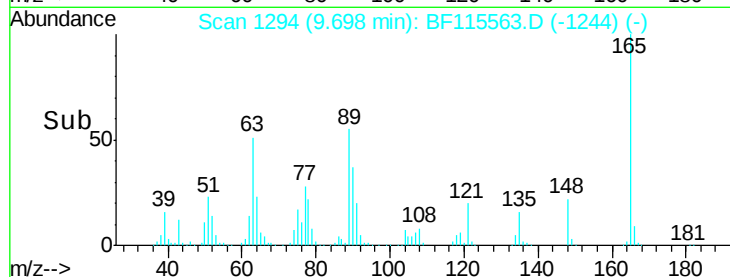
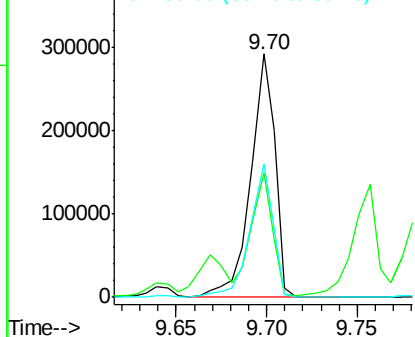
#51
 2,6-Dinitrotoluene
 Concen: 47.708 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF115563.D
 Acq: 15 Jul 2019 18:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.1	40.6	61.0
89	55.0	43.9	65.9

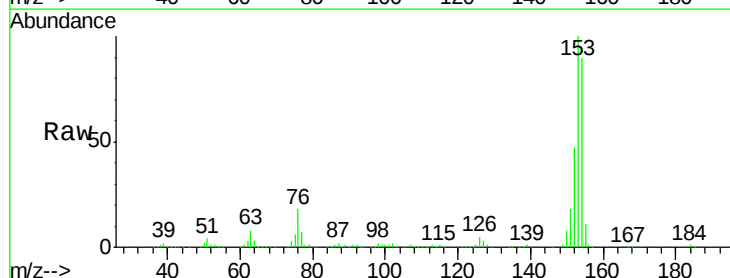


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

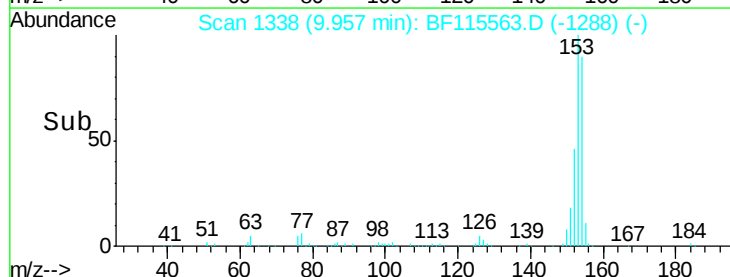
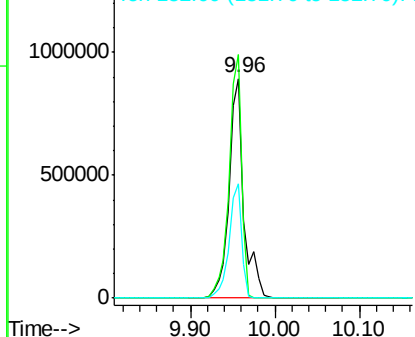


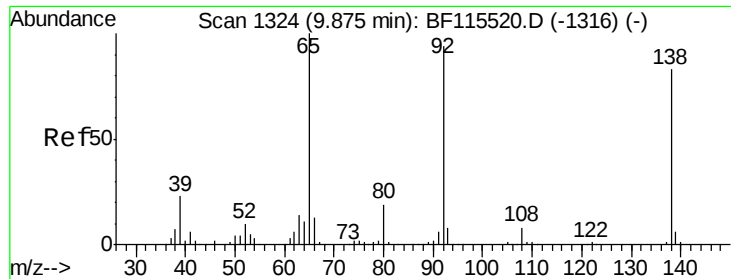
#52
 Acenaphthene
 Concen: 51.572 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF115563.D
 Acq: 15 Jul 2019 18:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.8	88.6	133.0
152	51.9	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

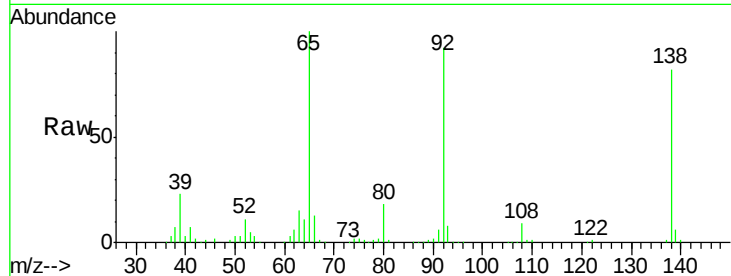




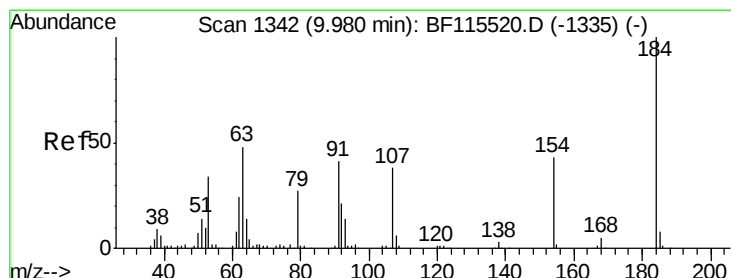
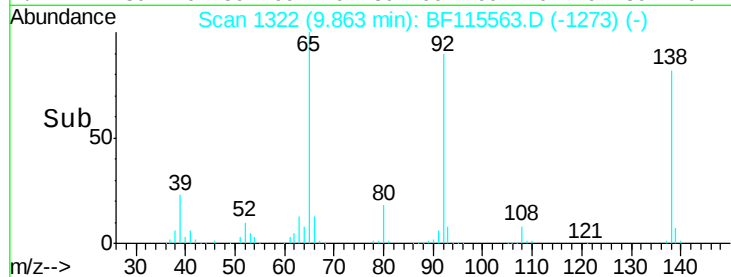
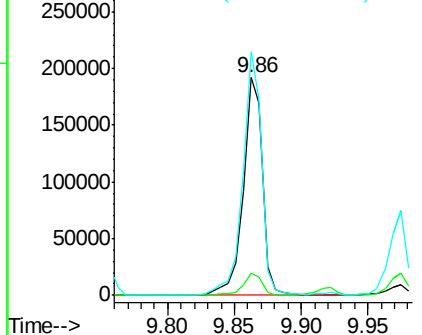
#53
 3-Nitroaniline
 Concen: 29.375 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF115563.D
 Acq: 15 Jul 2019 18:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:138 Resp: 191731
 Ion Ratio Lower Upper
 138 100
 108 10.4 8.4 12.6
 92 111.9 88.0 132.0

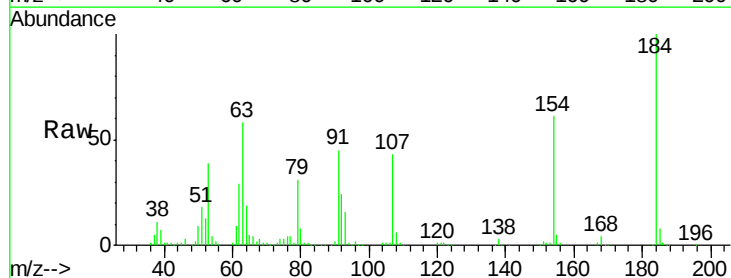


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

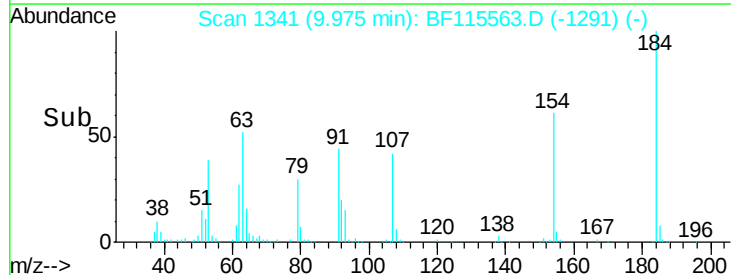
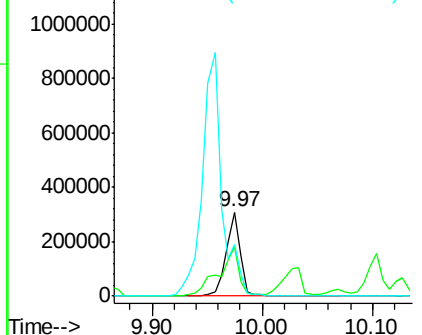


#54
 2,4-Dinitrophenol
 Concen: 96.396 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF115563.D
 Acq: 15 Jul 2019 18:19

Tgt Ion:184 Resp: 282675
 Ion Ratio Lower Upper
 184 100
 63 58.0 48.7 73.1
 154 61.0 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

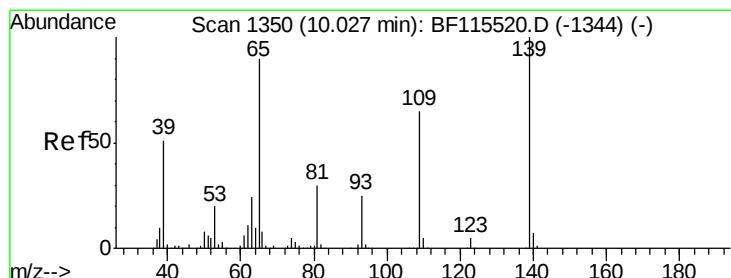
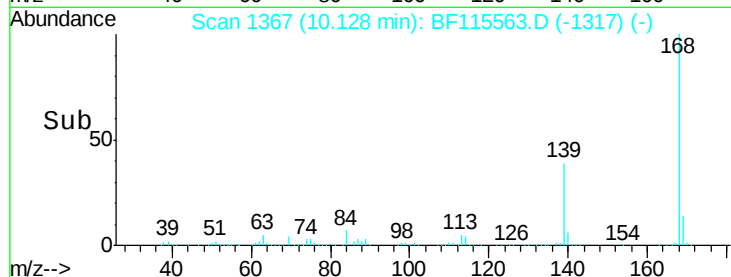
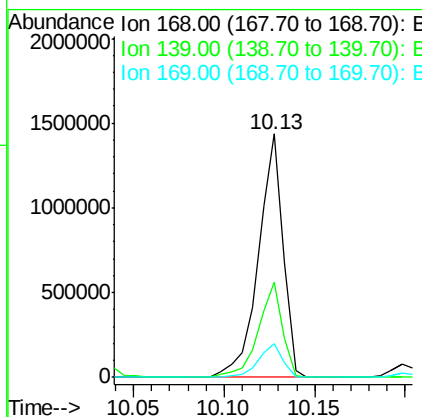
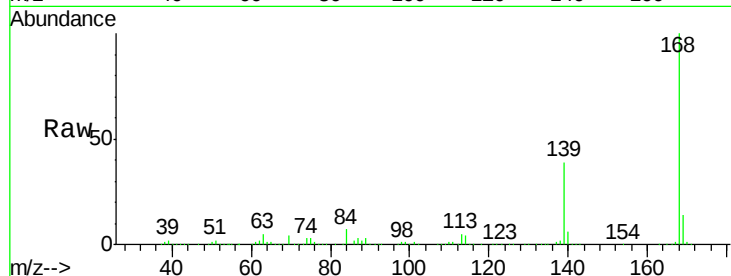




#55
Dibenzenofuran
Concen: 45.959 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

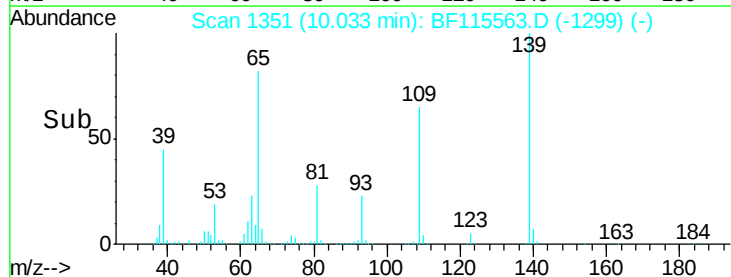
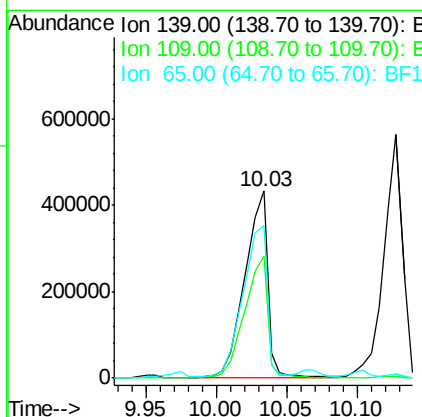
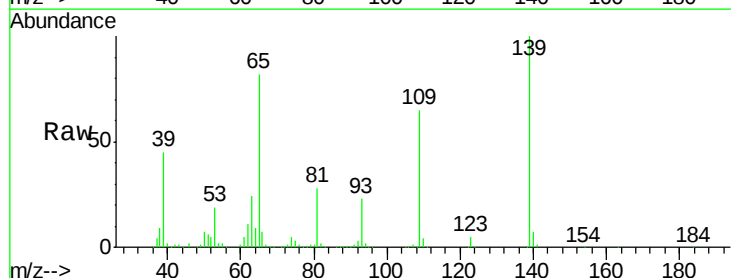
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1357727
Ion Ratio Lower Upper
168 100
139 39.3 31.1 46.7
169 13.8 11.1 16.7



#56
4-Nitrophenol
Concen: 99.439 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

Tgt Ion:139 Resp: 494922
Ion Ratio Lower Upper
139 100
109 65.4 46.4 86.4
65 81.9 68.9 108.9

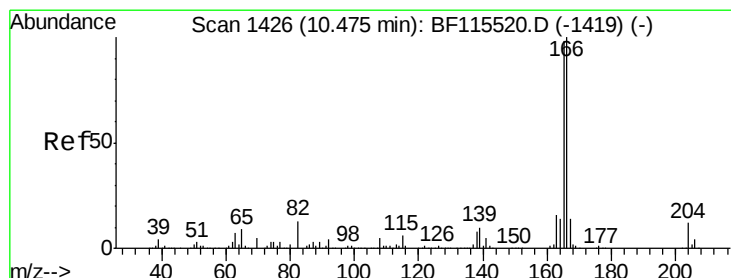
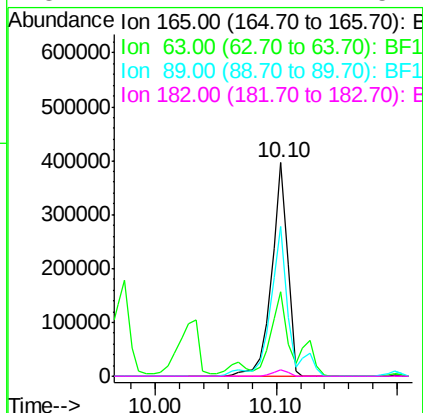
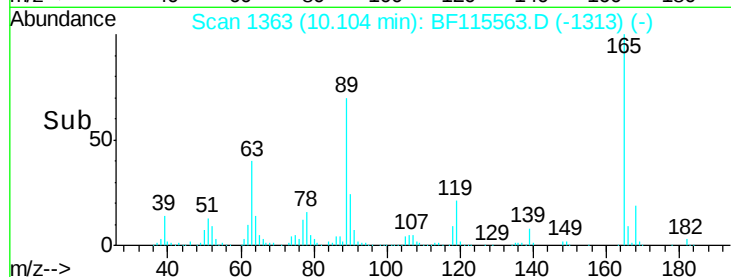
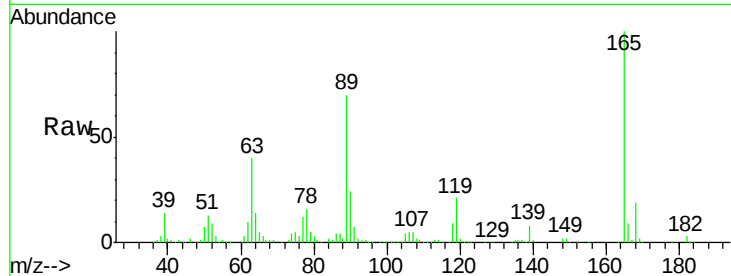




#57
2,4-Dinitrotoluene
Concen: 48.496 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

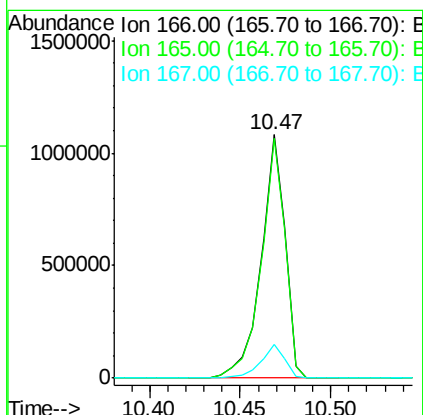
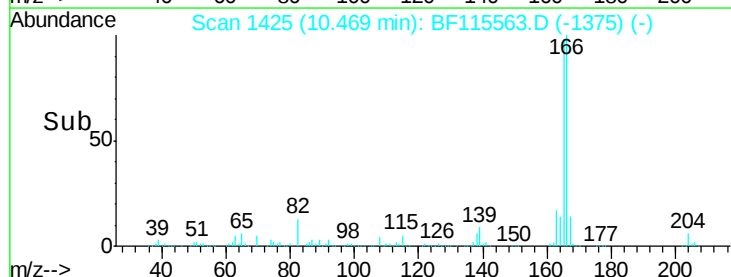
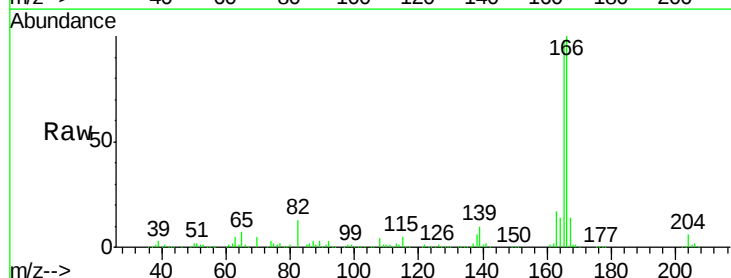
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.7	34.9	52.3
89	70.1	57.5	86.3
182	2.7	2.2	3.4



#58
Fluorene
Concen: 47.184 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.8	119.6
167	13.7	11.2	16.8

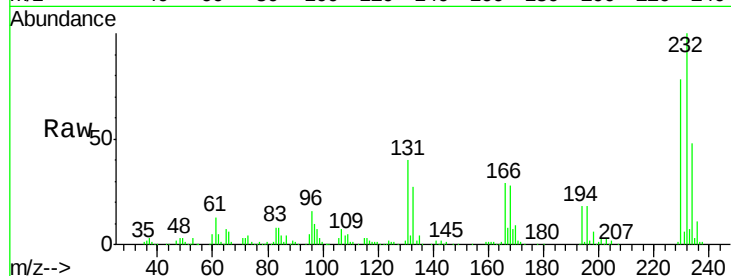




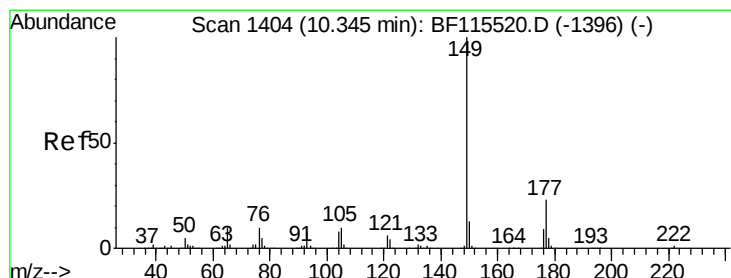
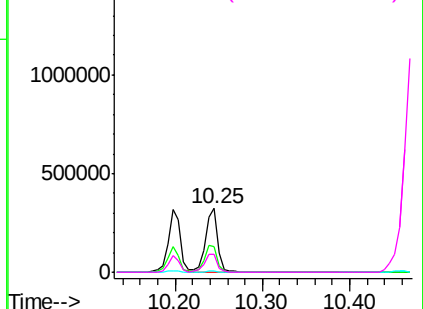
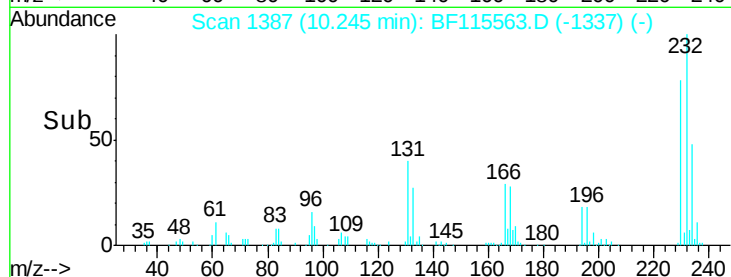
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.441 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 311364
Ion Ratio Lower Upper
232 100
131 43.7 35.9 53.9
130 2.1 1.8 2.6
166 29.8 24.8 37.2

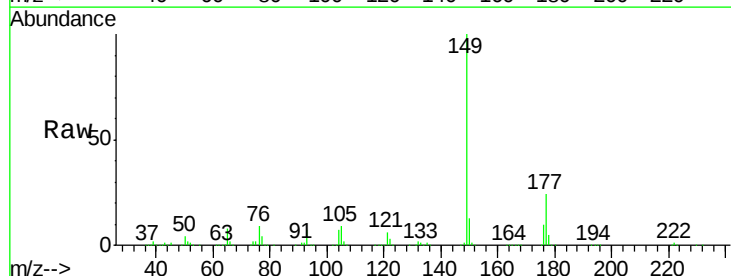


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

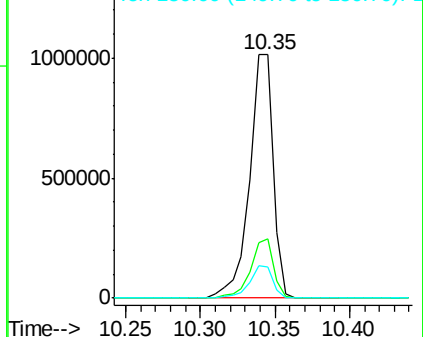
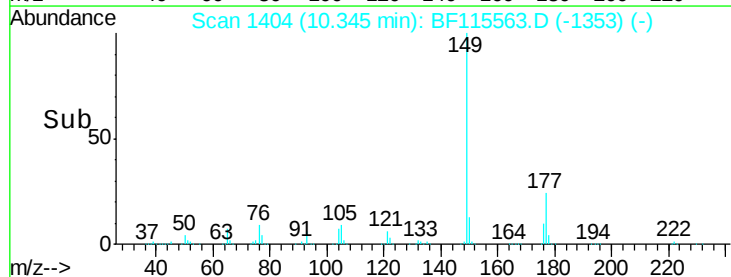


#60
Diethylphthalate
Concen: 46.997 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

Tgt Ion:149 Resp: 1106689
Ion Ratio Lower Upper
149 100
177 24.5 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

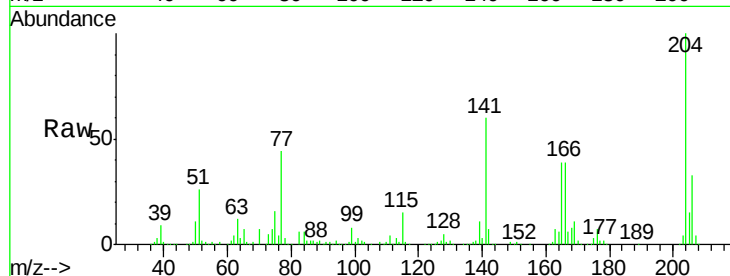




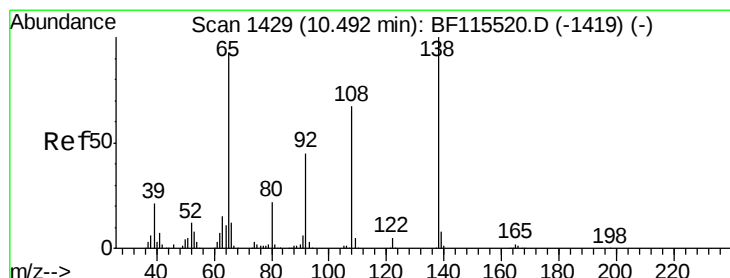
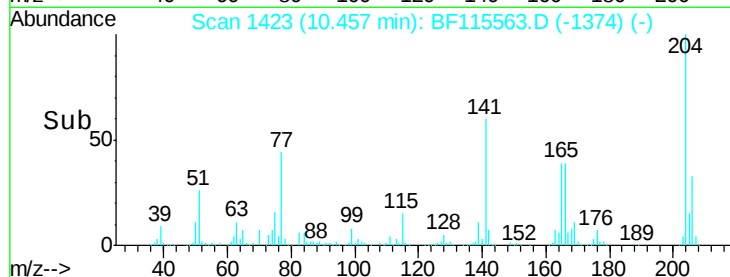
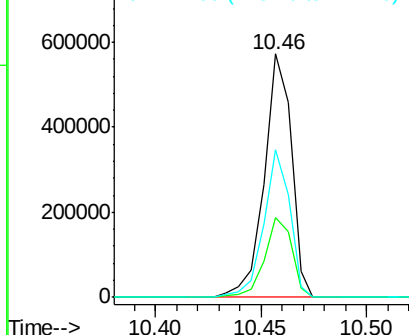
#61
4-Chlorophenyl-phenylether
Concen: 43.970 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 514963
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 60.4 44.2 66.2

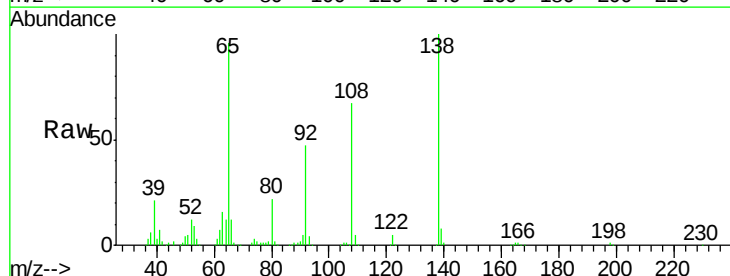


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

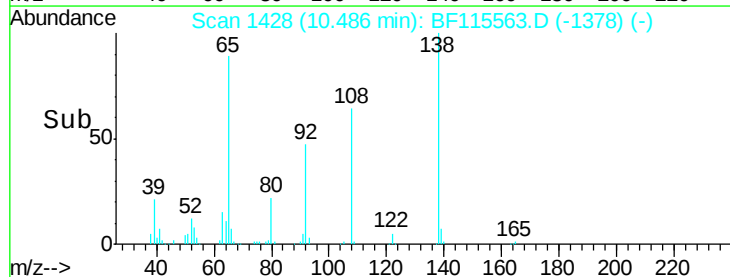
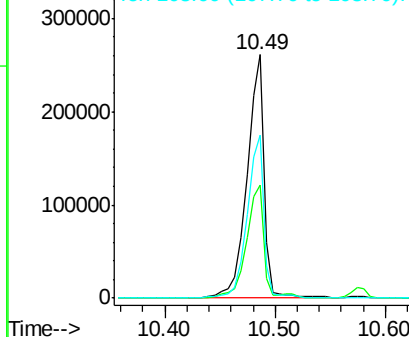


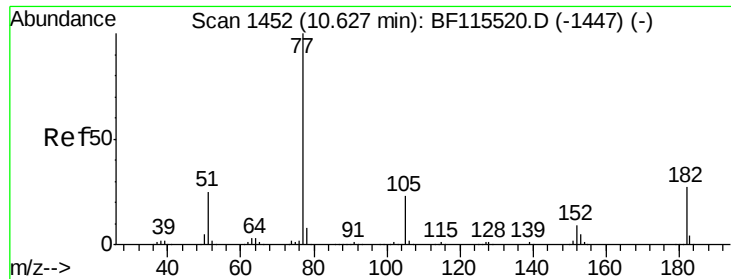
#62
4-Nitroaniline
Concen: 45.433 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

Tgt Ion:138 Resp: 284441
Ion Ratio Lower Upper
138 100
92 46.7 27.1 67.1
108 66.9 48.0 88.0



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

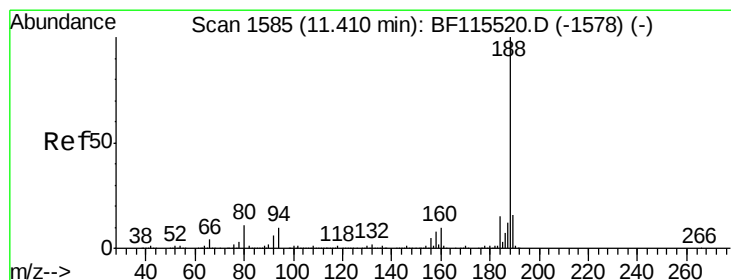
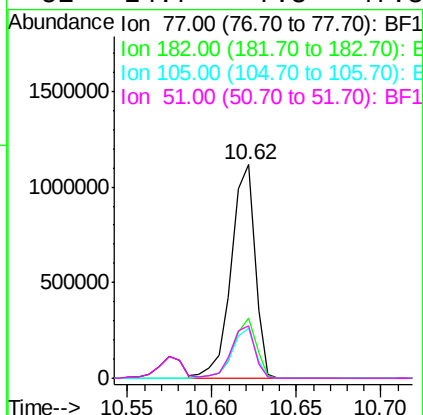
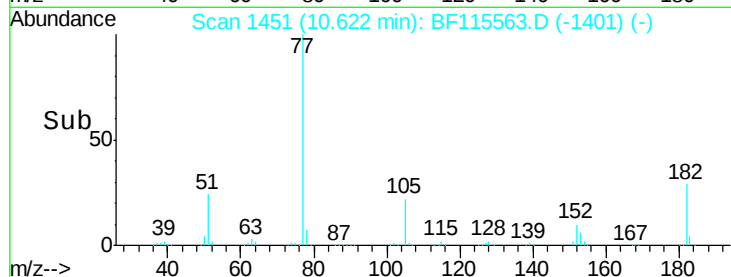
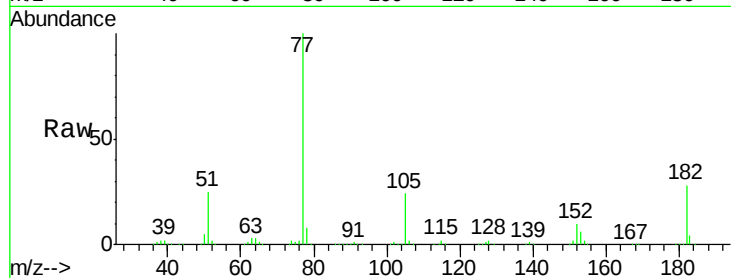




#63
Azobenzene
Concen: 47.918 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

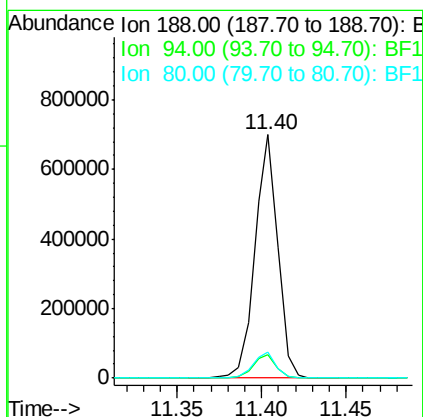
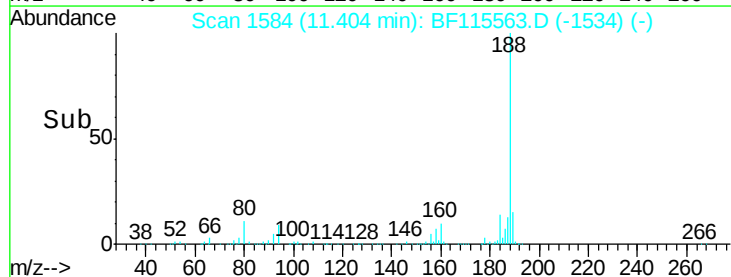
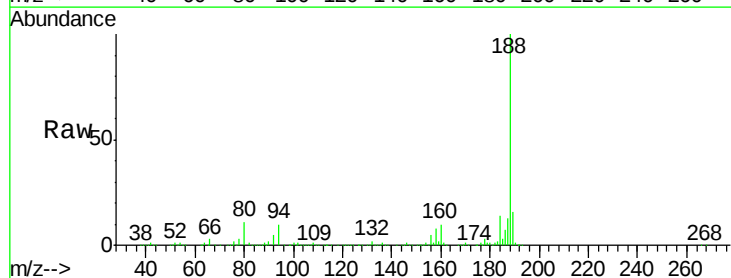
Instrument :
BNA_F
ClientSampleId :

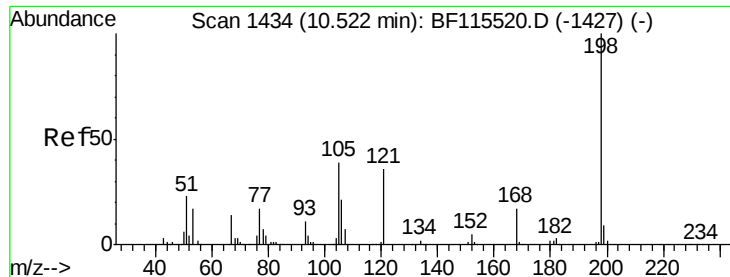
Tot Ion: 77 Resp: 1094482
Ion Ratio Lower Upper
77 100
182 28.4 6.9 46.9
105 23.7 3.9 43.9
51 24.7 7.3 47.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

Tgt Ion: 188 Resp: 657779
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 10.7 8.6 13.0

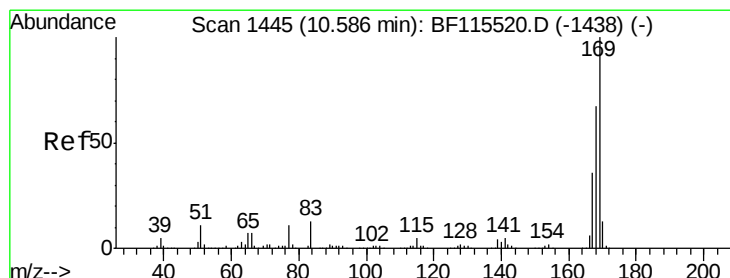
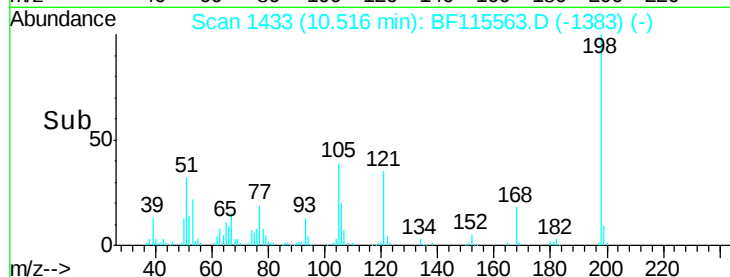
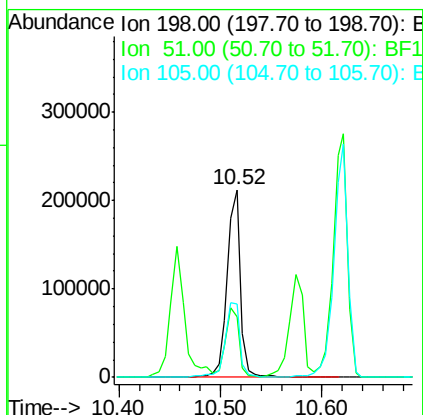
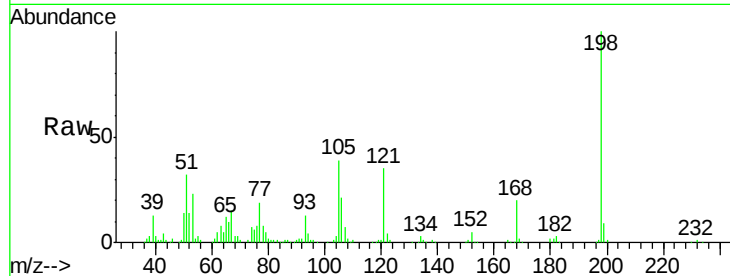




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.248 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF115563.D
 Acq: 15 Jul 2019 18:19

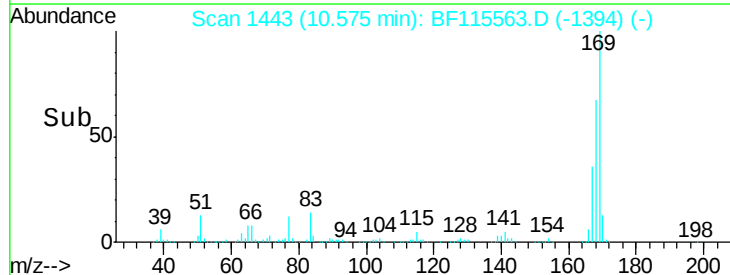
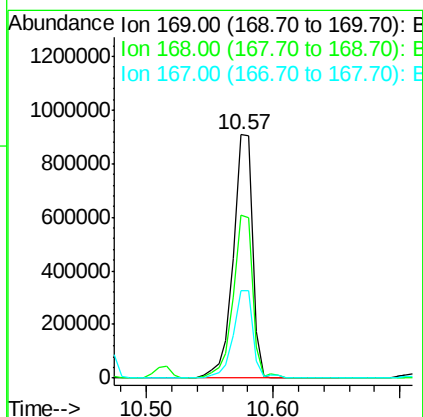
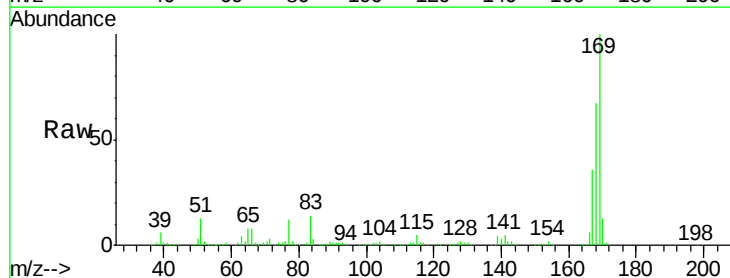
Instrument :
 BNA_F
 ClientSampleId :

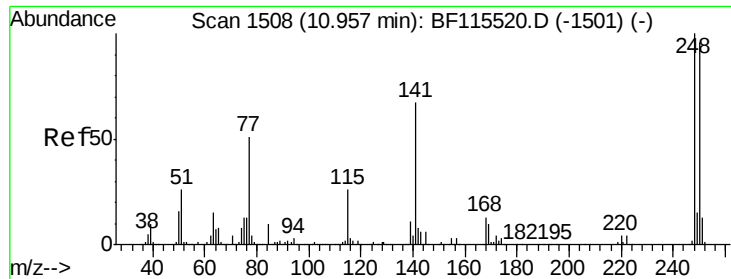
Tot Ion	Ratio	Lower	Upper
198	100		
51	32.1	19.1	59.1
105	38.9	23.6	63.6



#66
 n-Nitrosodiphenylamine
 Concen: 46.180 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF115563.D
 Acq: 15 Jul 2019 18:19

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.3	81.5
167	36.0	30.2	45.2

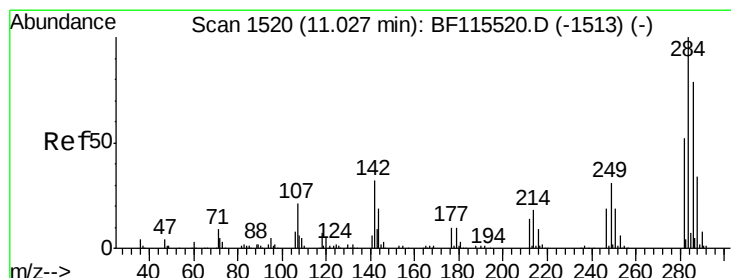
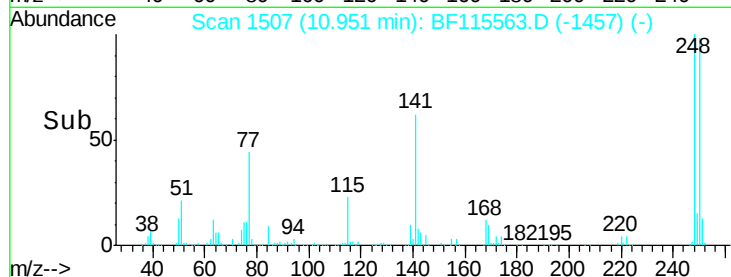
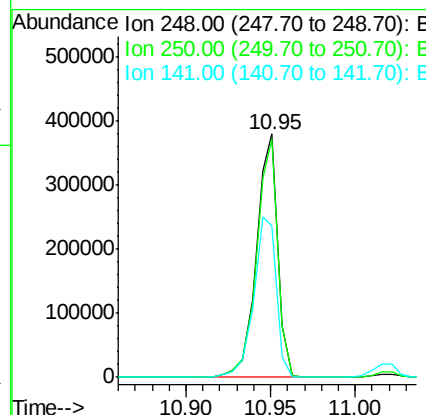
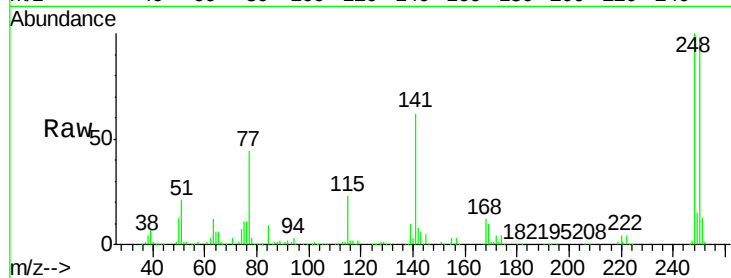




#67
 4-Bromophenyl-phenylether
 Concen: 44.697 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF115563.D
 Acq: 15 Jul 2019 18:19

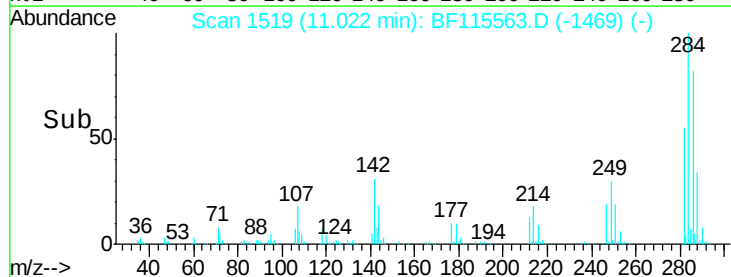
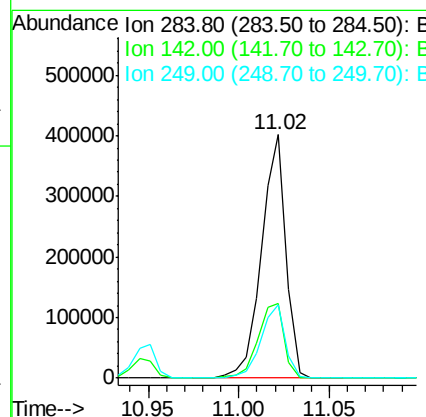
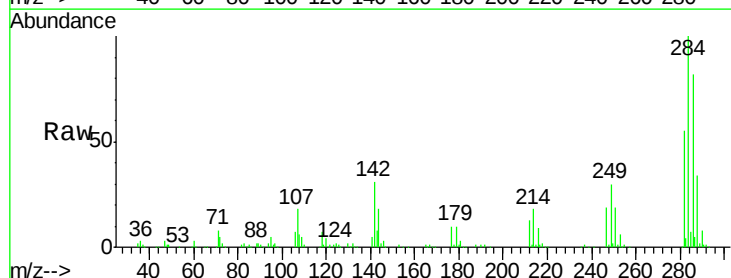
Instrument :
 BNA_F
 ClientSampled :

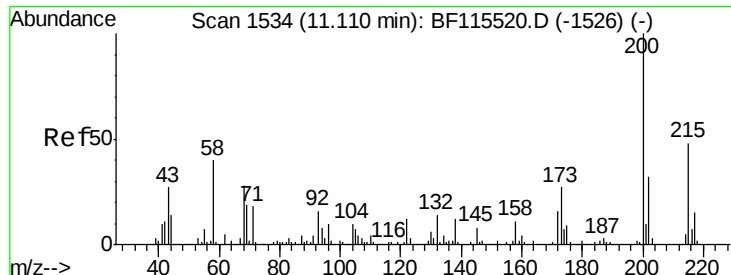
Tot Ion:248 Resp: 335977
 Ion Ratio Lower Upper
 248 100
 250 97.9 78.0 117.0
 141 62.3 57.7 86.5



#68
 Hexachlorobenzene
 Concen: 43.561 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115563.D
 Acq: 15 Jul 2019 18:19

Tgt Ion:284 Resp: 373935
 Ion Ratio Lower Upper
 284 100
 142 30.6 22.2 33.2
 249 30.2 23.4 35.2

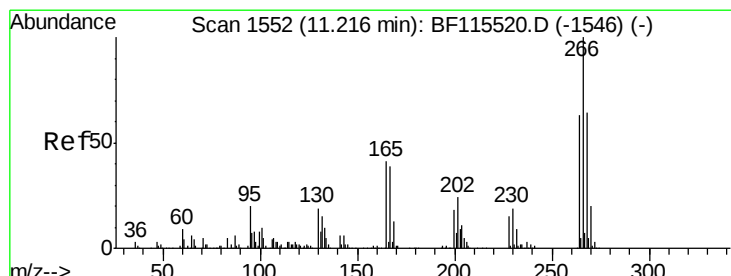
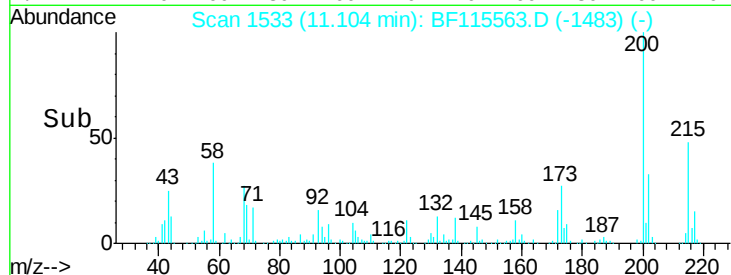
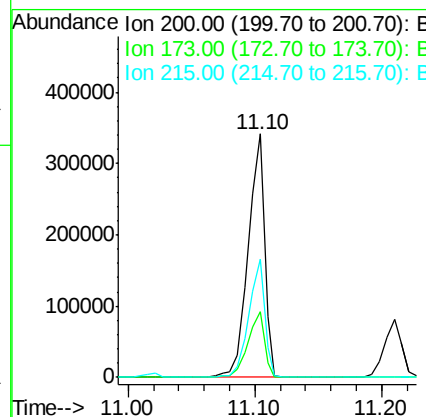
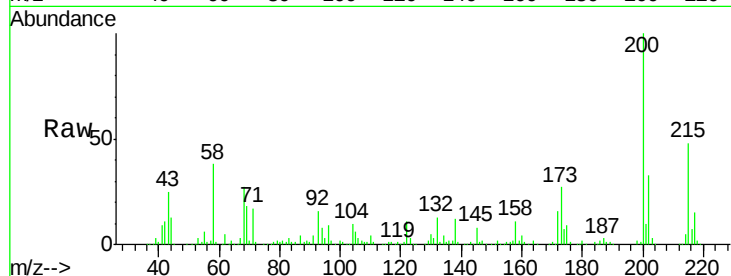




#69
 Atrazine
 Concen: 45.484 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF115563.D
 Acq: 15 Jul 2019 18:19

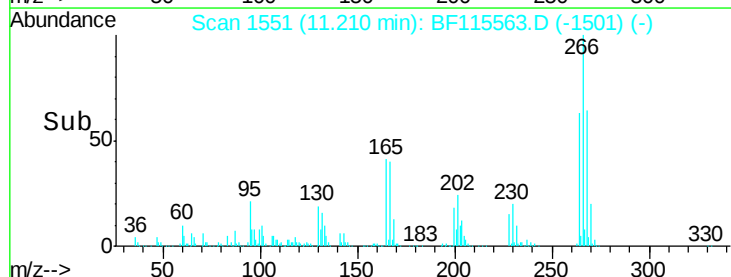
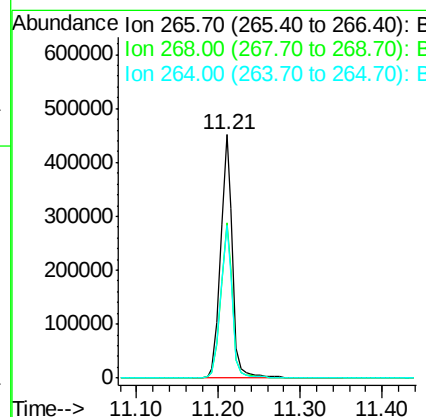
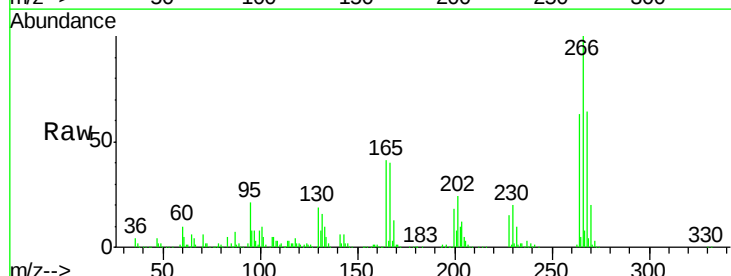
Instrument :
 BNA_F
 ClientSampleId :

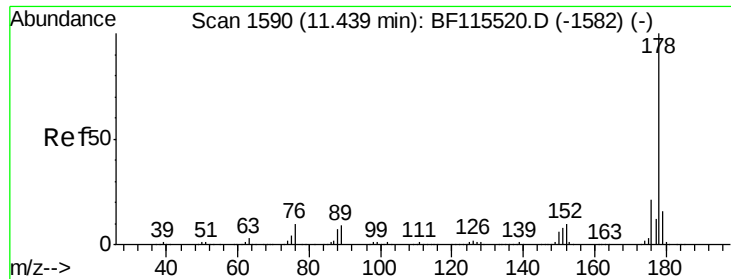
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.9	46.9
215	48.5	27.9	67.9



#70
 Pentachlorophenol
 Concen: 87.346 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF115563.D
 Acq: 15 Jul 2019 18:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.6	77.4
264	62.9	50.6	76.0

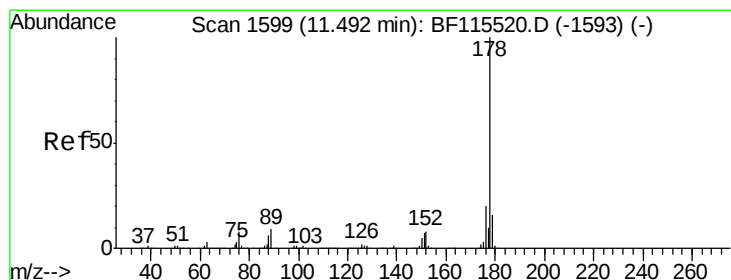
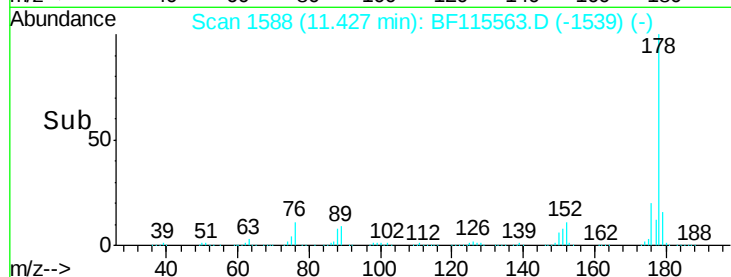
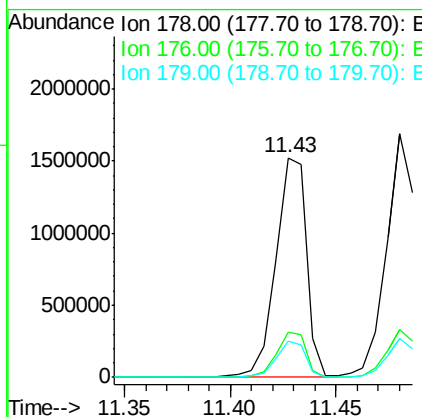
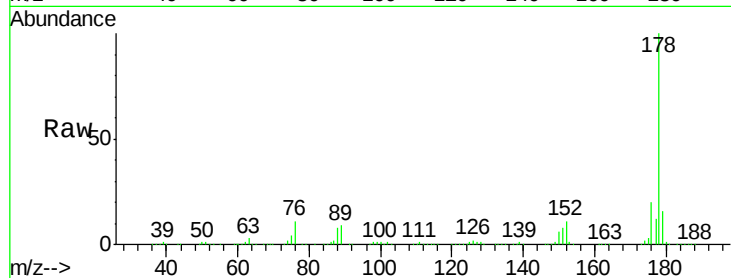




#71
Phenanthrene
Concen: 45.819 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

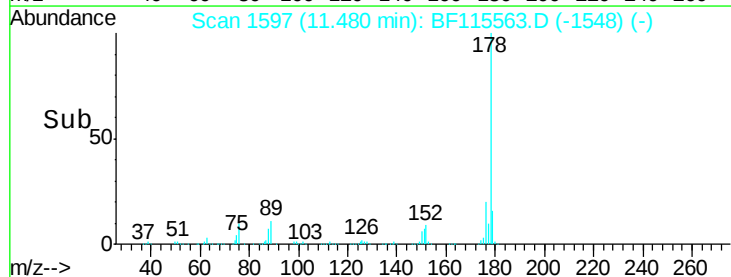
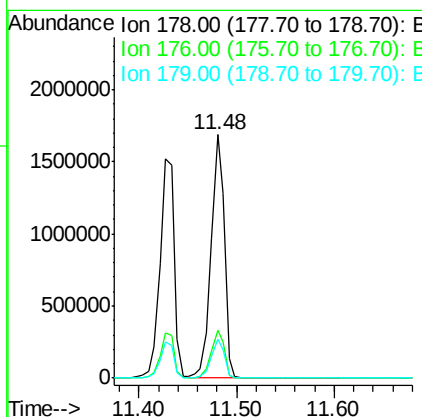
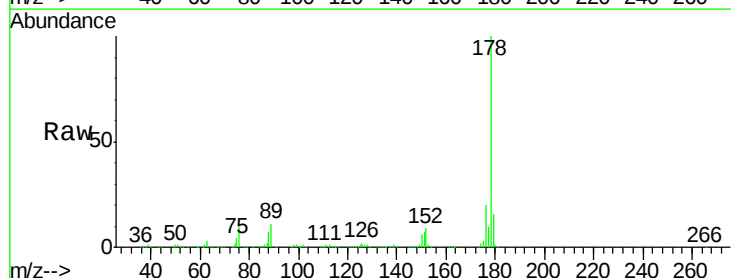
Instrument :
BNA_F
ClientSampleId :

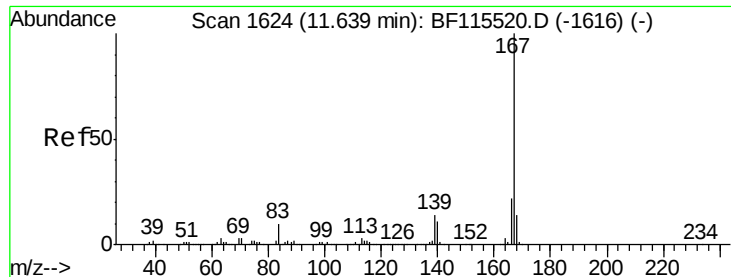
Tot Ion:178 Resp: 1544874
Ion Ratio Lower Upper
178 100
176 20.4 17.2 25.8
179 16.4 13.5 20.3



#72
Anthracene
Concen: 45.779 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

Tgt Ion:178 Resp: 1595205
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 16.2 12.7 19.1

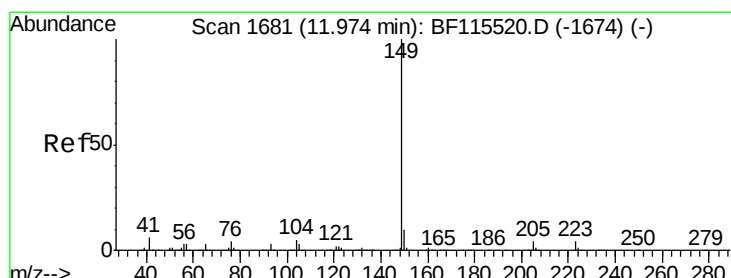
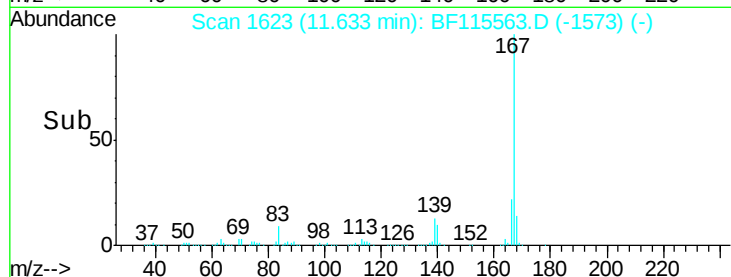
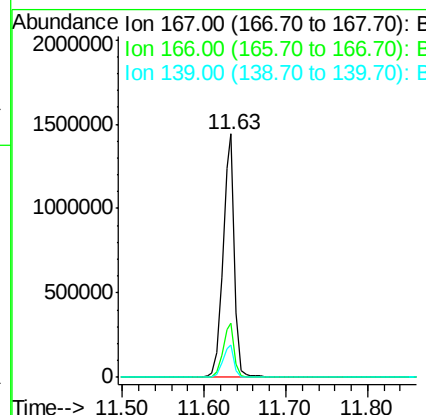
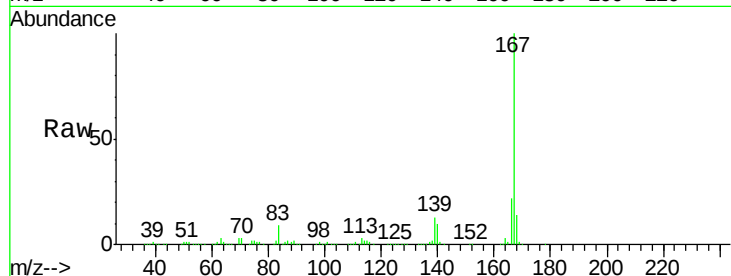




#73
 Carbazole
 Concen: 45.886 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115563.D
 Acq: 15 Jul 2019 18:19

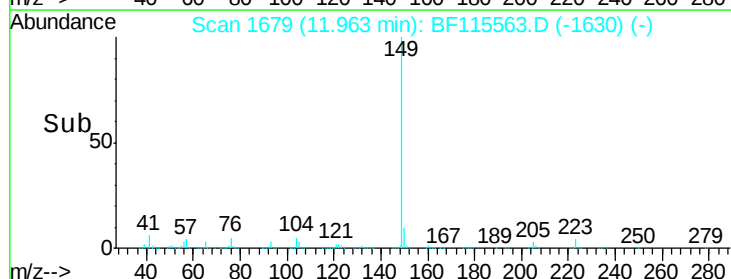
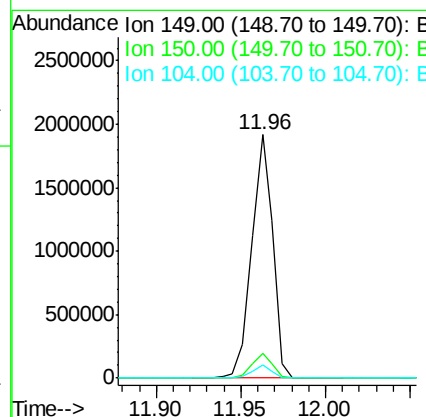
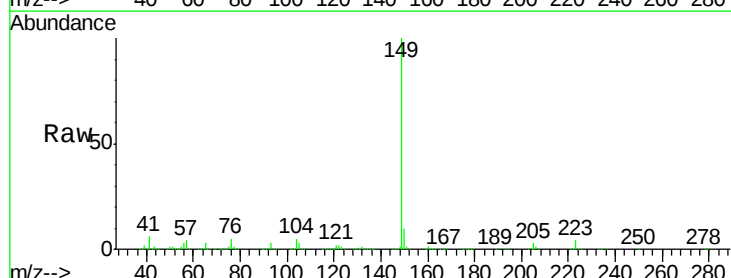
Instrument :
 BNA_F
 ClientSampleId :

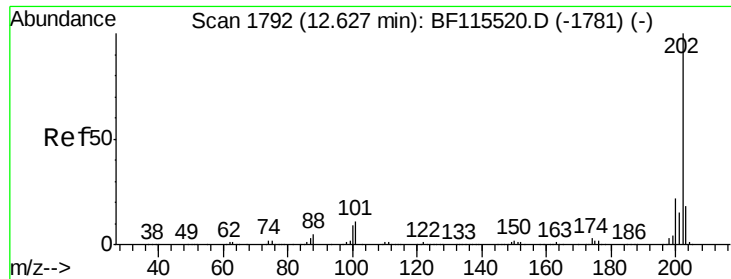
Tot Ion:167 Resp: 1402133
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.5 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 44.205 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115563.D
 Acq: 15 Jul 2019 18:19

Tgt Ion:149 Resp: 1663814
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 5.2 3.8 5.8

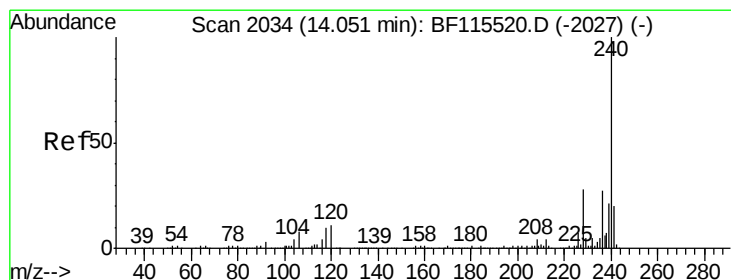
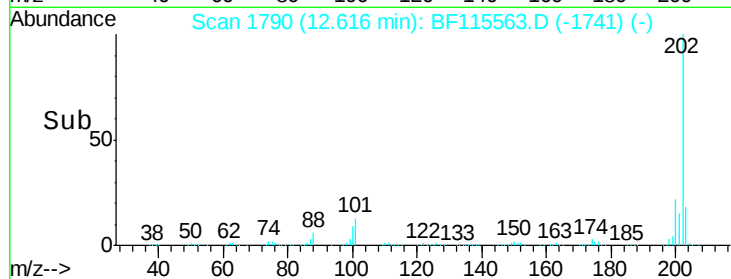
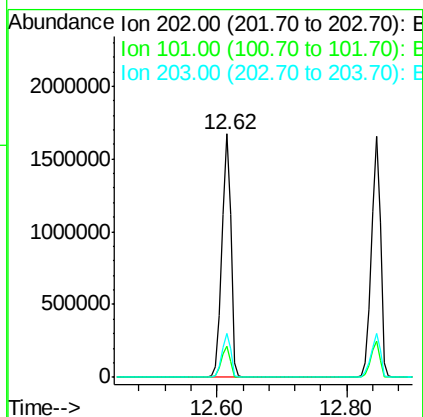
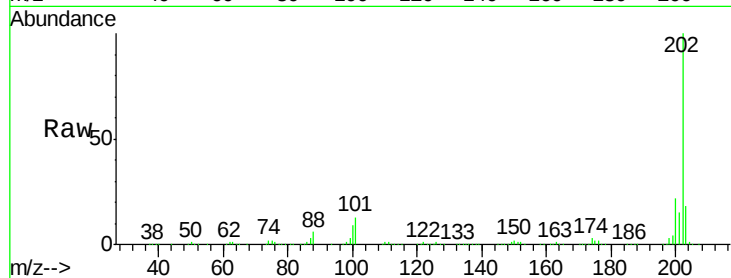




#75
 Fluoranthene
 Concen: 45.306 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BF115563.D
 Acq: 15 Jul 2019 18:19

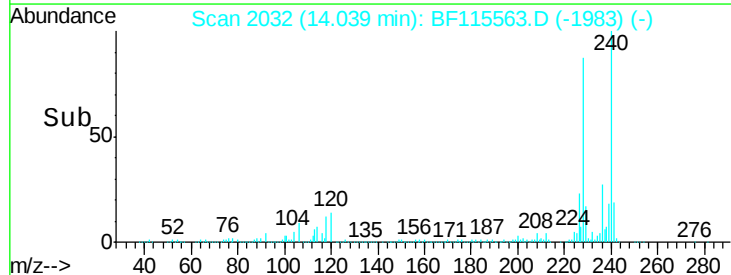
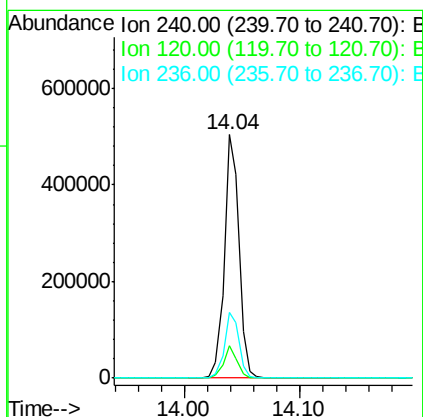
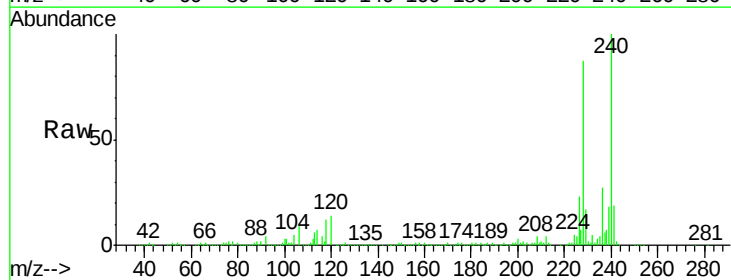
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1614262
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 31.4
 203 18.1 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: BF115563.D
 Acq: 15 Jul 2019 18:19

Tgt Ion:240 Resp: 443094
 Ion Ratio Lower Upper
 240 100
 120 13.5 8.6 13.0#
 236 27.1 21.3 31.9





#77

Benzidine

Concen: 55.699 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

Instrument :

BNA_F

ClientSampleId :

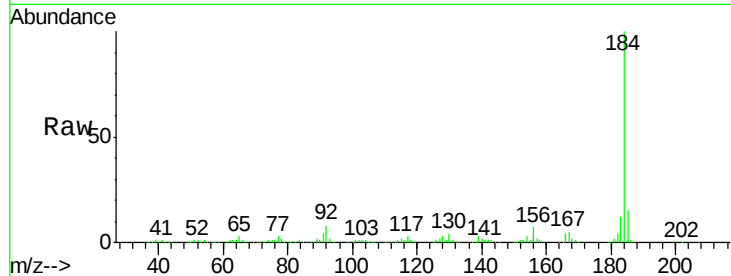
Tot Ion:184 Resp: 874295

Ion Ratio Lower Upper

184 100

185 15.2 12.0 18.0

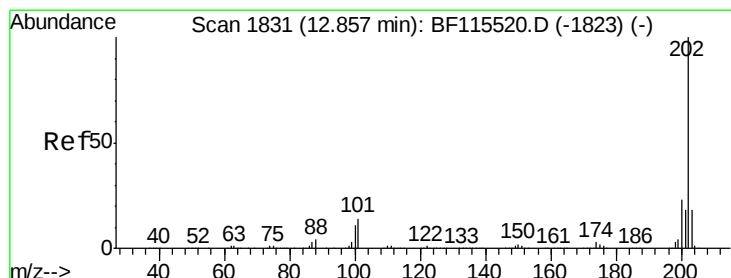
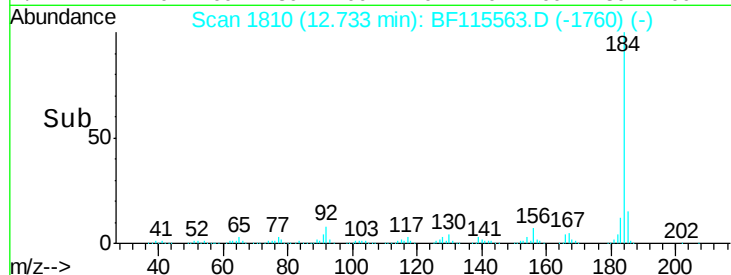
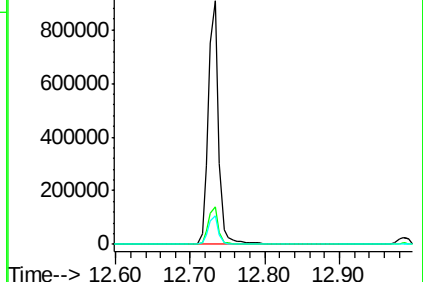
183 12.0 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.985 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

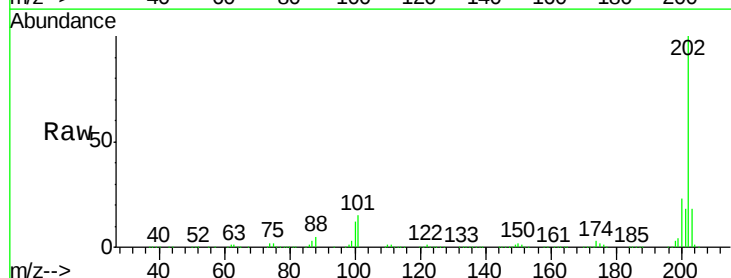
Tgt Ion:202 Resp: 1613687

Ion Ratio Lower Upper

202 100

200 22.7 18.7 28.1

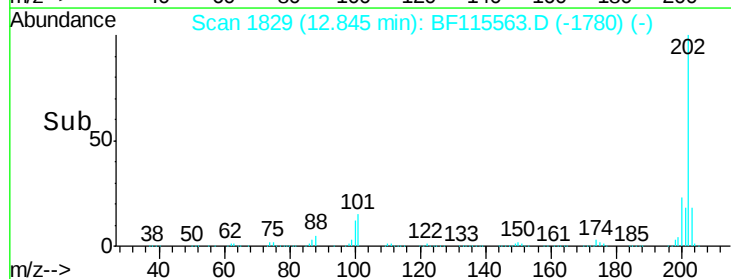
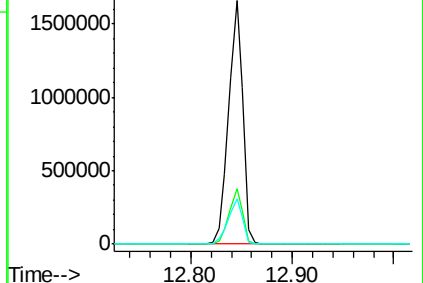
203 18.3 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.291 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

Instrument :

BNA_F

ClientSampleId :

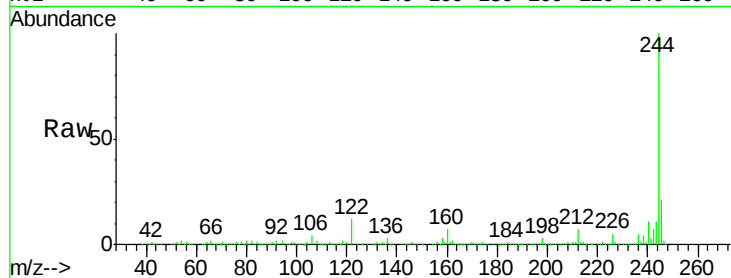
Tot Ion:244 Resp: 2072161

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

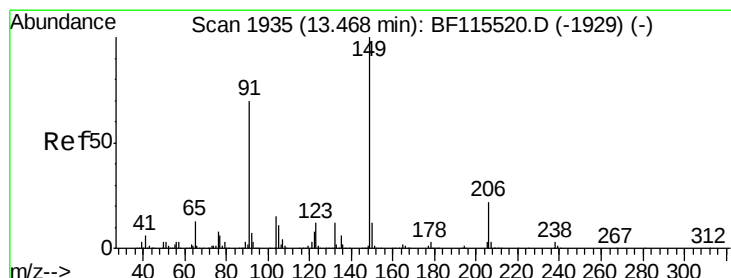
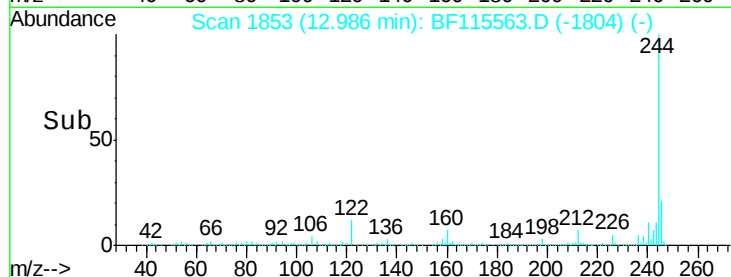
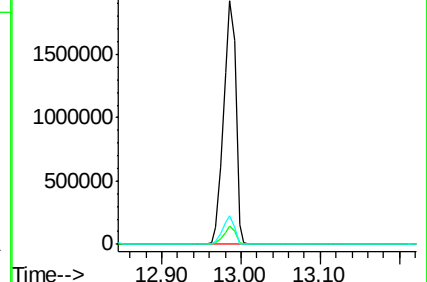
122 11.9 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.967 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

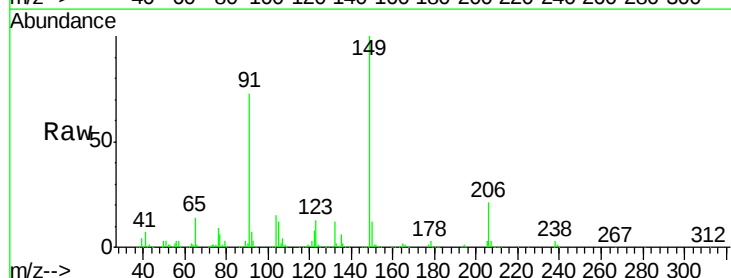
Tgt Ion:149 Resp: 703627

Ion Ratio Lower Upper

149 100

91 73.0 55.8 83.8

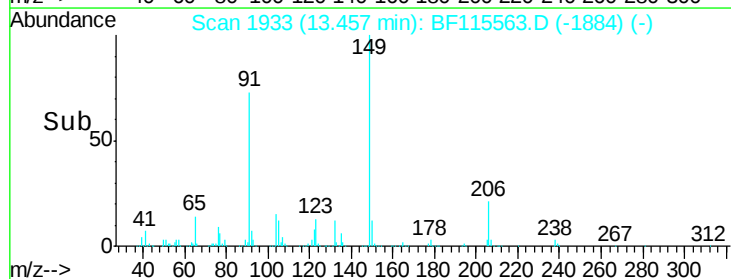
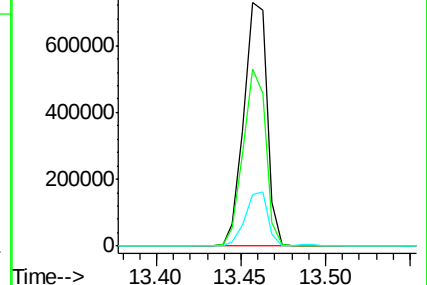
206 21.0 18.2 27.2



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: 44.174 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

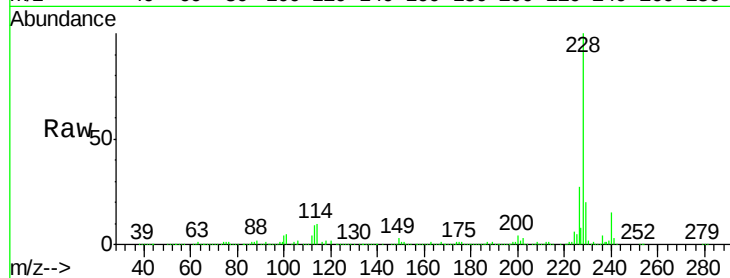
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1289492

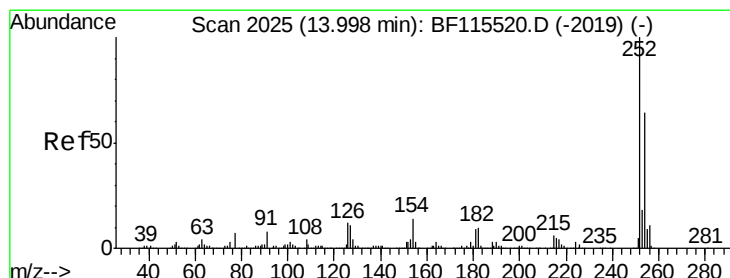
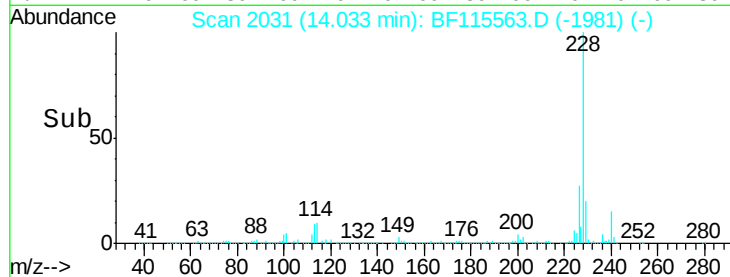
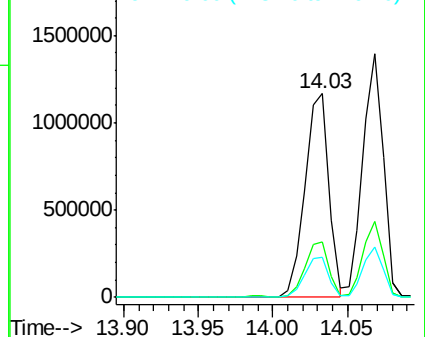
Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.4	35.0
229	19.8	17.2	25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.461 ng

RT: 13.99 min Scan# 2024

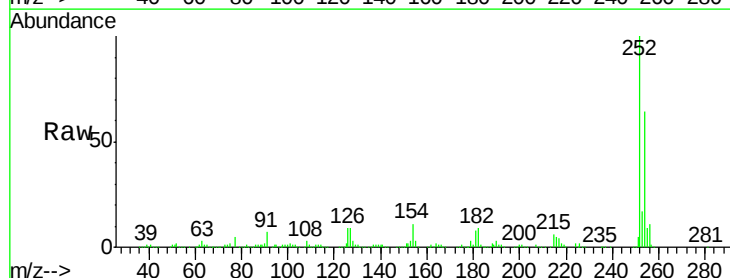
Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

Tgt Ion:252 Resp: 378371

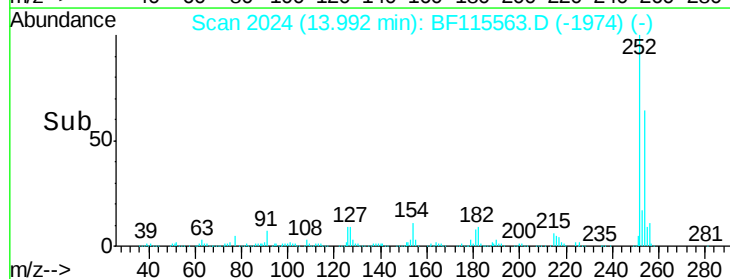
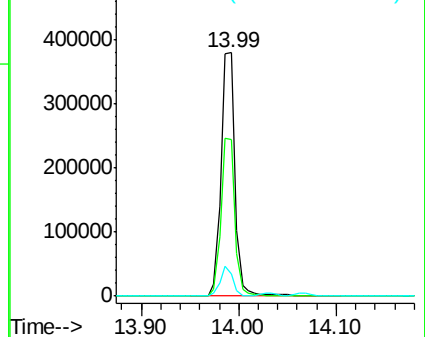
Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.9	79.3
126	9.3	9.9	14.9#

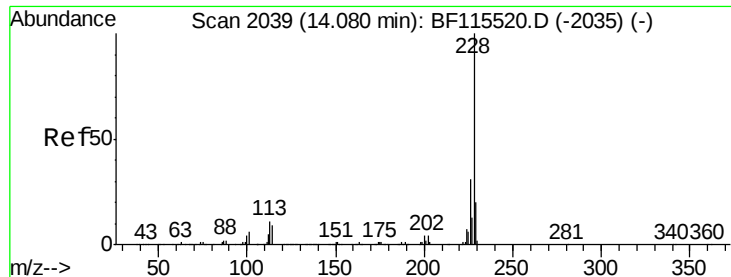


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.636 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

Instrument :

BNA_F

ClientSampleId :

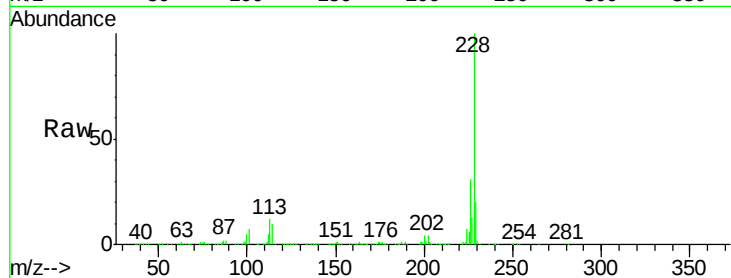
Tot Ion:228 Resp: 1337309

Ion Ratio Lower Upper

228 100

226 31.1 25.7 38.5

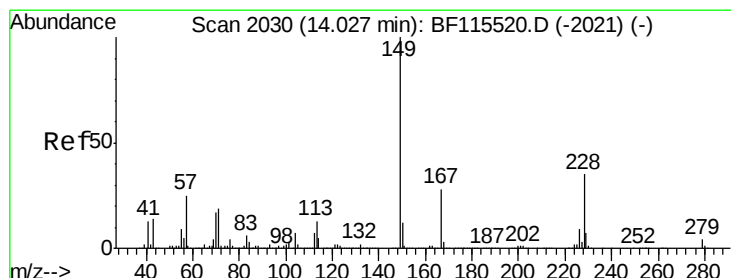
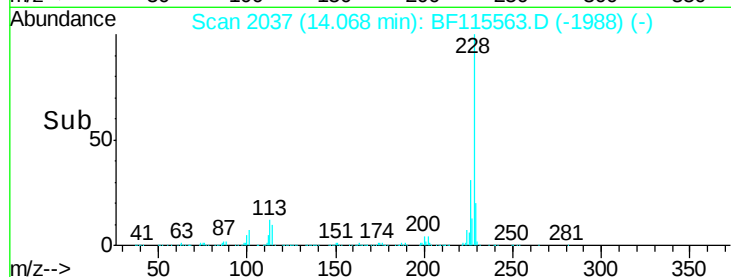
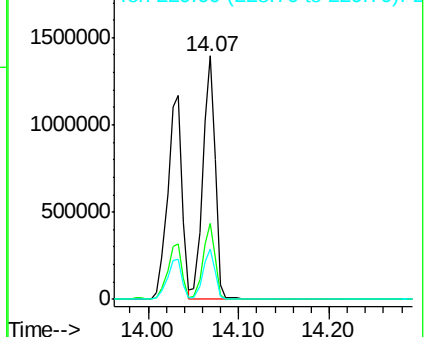
229 20.4 16.6 25.0



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: 44.861 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

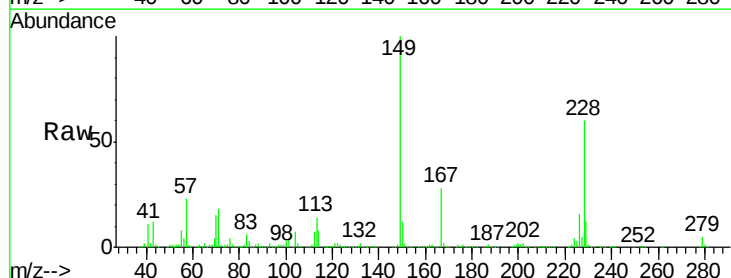
Tgt Ion:149 Resp: 889286

Ion Ratio Lower Upper

149 100

167 28.2 23.0 34.4

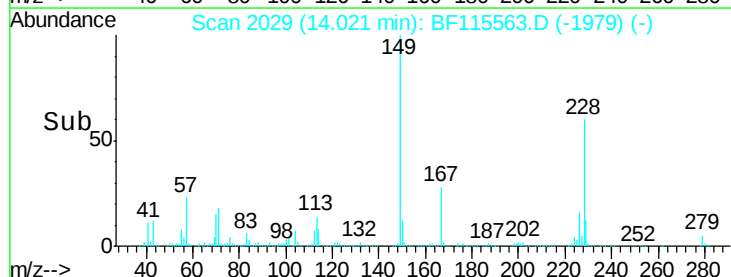
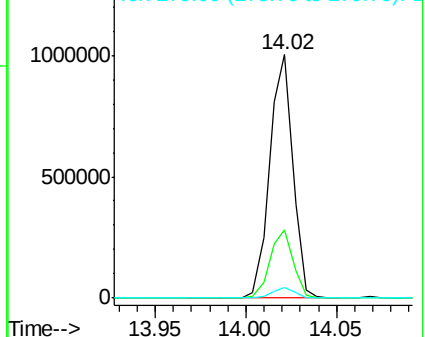
279 4.5 4.2 6.2



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: 48.171 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

Instrument :

BNA_F

ClientSampleId :

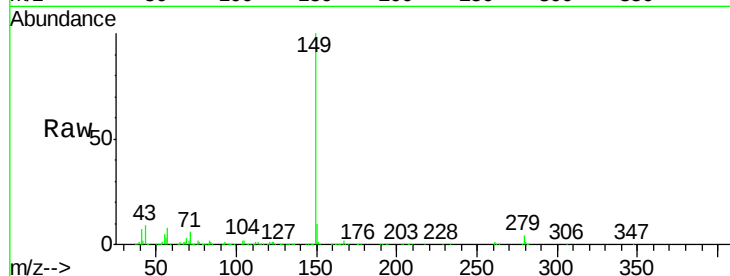
Tot Ion:149 Resp: 1519341

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

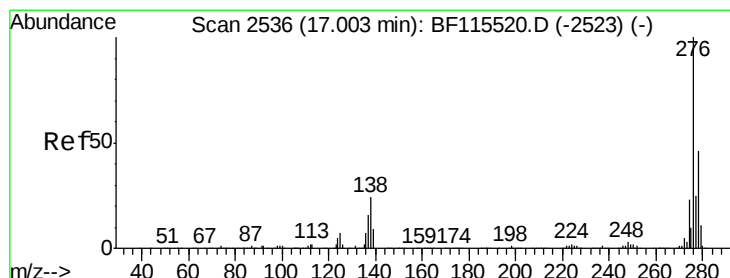
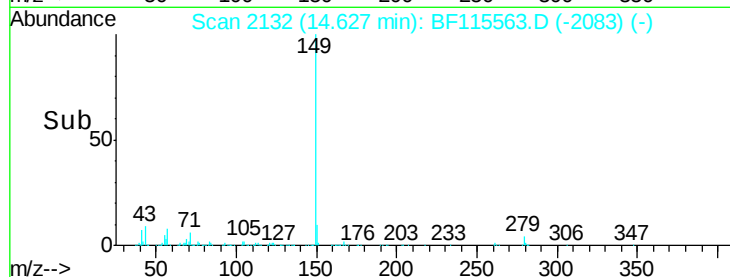
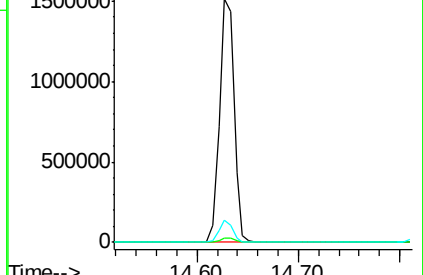
43 8.3 7.2 10.8



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: 46.188 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

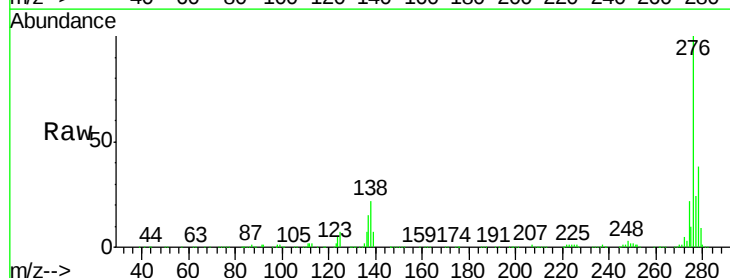
Tgt Ion:276 Resp: 1149892

Ion Ratio Lower Upper

276 100

138 25.5 20.2 30.2

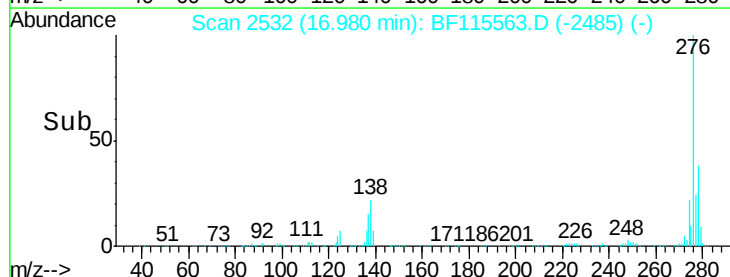
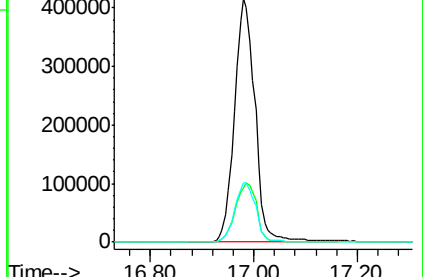
277 25.2 20.4 30.6

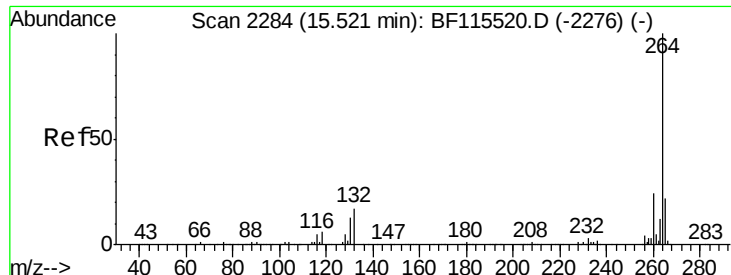


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF115563.D

Acq: 15 Jul 2019 18:19

Instrument :

BNA_F

ClientSampleId :

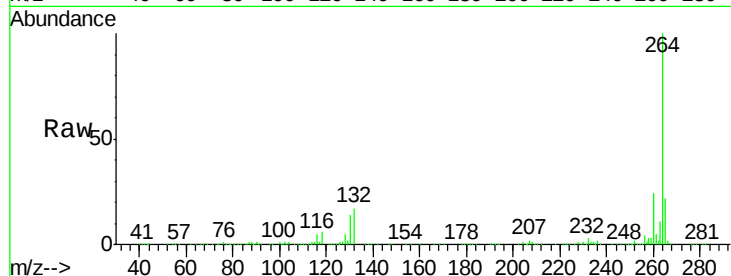
Tot Ion:264 Resp: 424822

Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.8

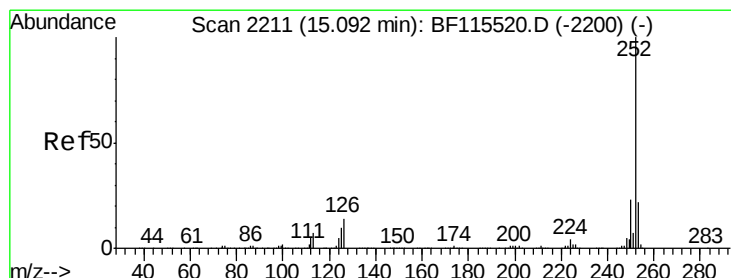
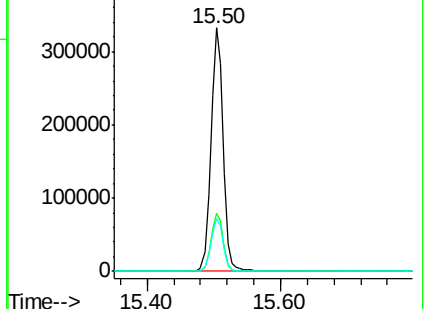
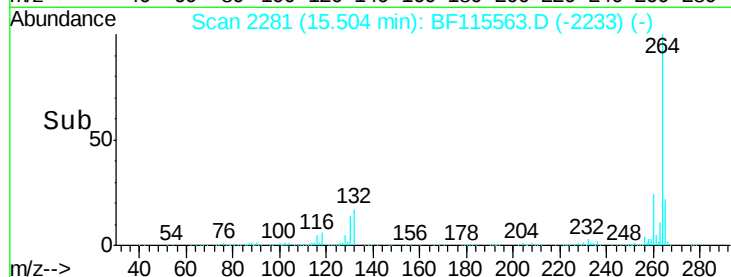
265 22.0 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.199 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

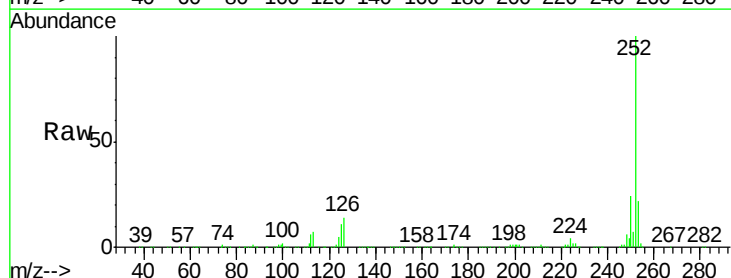
Tgt Ion:252 Resp: 1236421

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

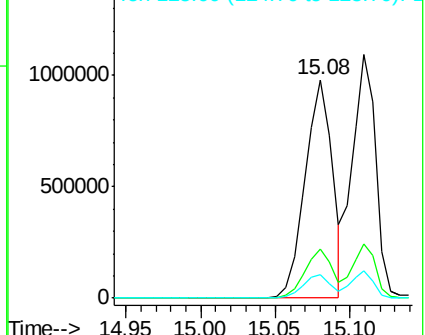
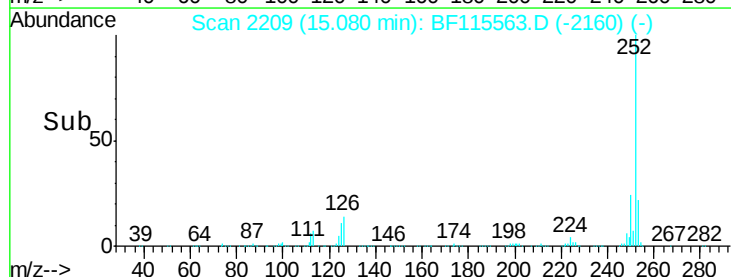
125 10.6 9.0 13.4

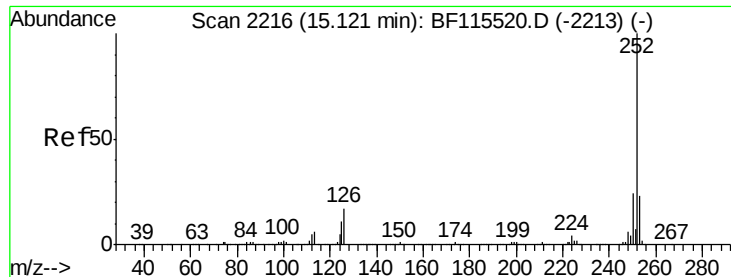


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

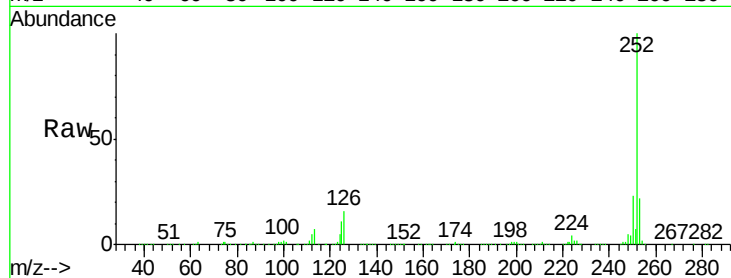




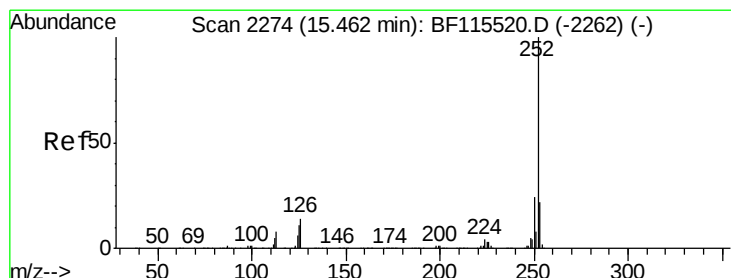
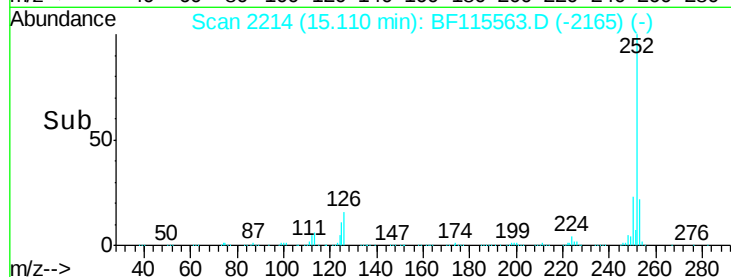
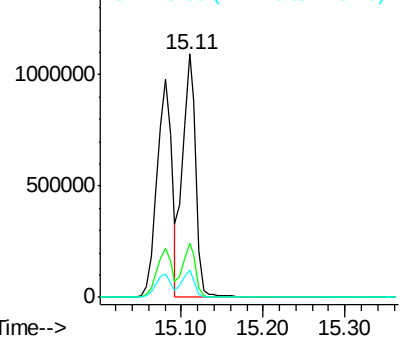
#89
Benzo(k)fluoranthene
Concen: 50.235 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1225172
Ion Ratio Lower Upper
252 100
253 22.2 18.6 28.0
125 11.2 9.0 13.6

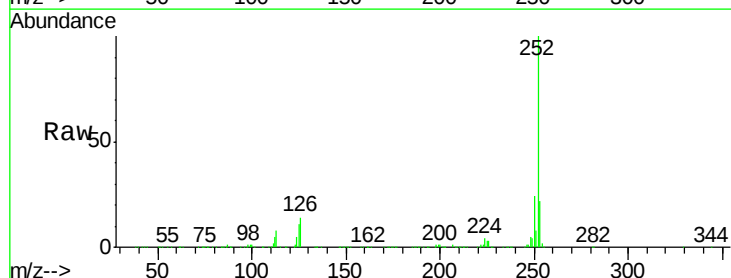


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

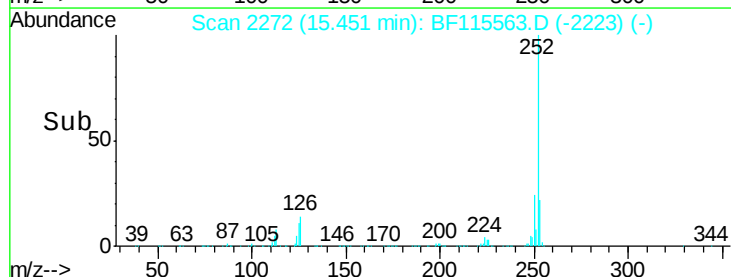
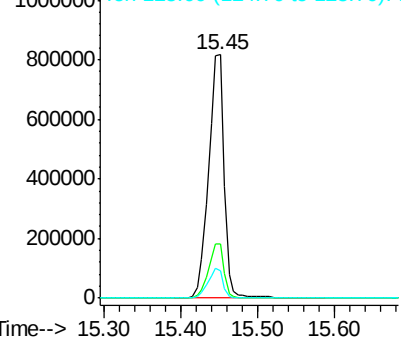


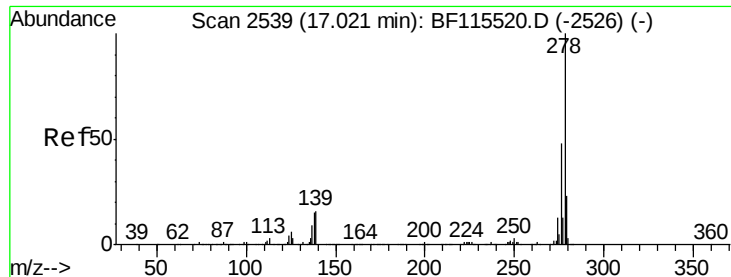
#90
Benzo(a)pyrene
Concen: 48.543 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115563.D
Acq: 15 Jul 2019 18:19

Tgt Ion:252 Resp: 1141312
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.0 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: 46.592 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

Instrument :

BNA_F

ClientSampleId :

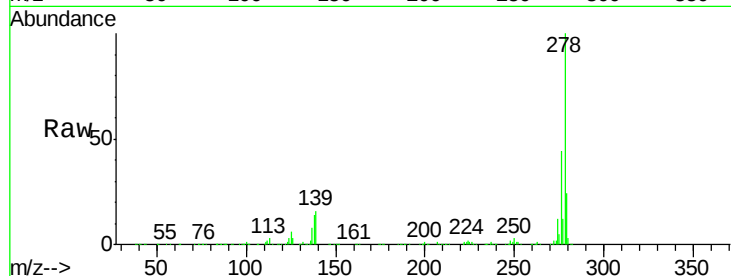
Tot Ion:278 Resp: 961686

Ion Ratio Lower Upper

278 100

139 15.6 13.1 19.7

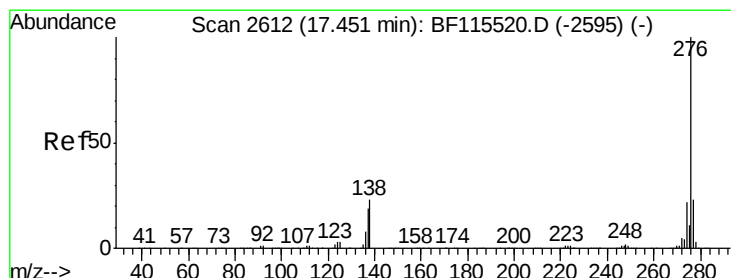
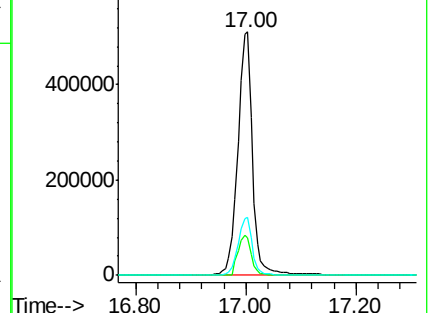
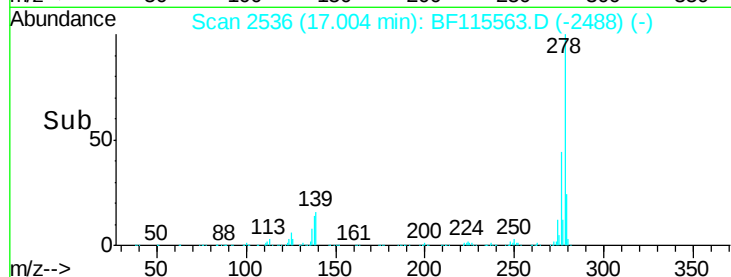
279 23.9 19.6 29.4



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: 44.186 ng

RT: 17.42 min Scan# 2607

Delta R.T. -0.03 min

Lab File: BF115563.D

Acq: 15 Jul 2019 18:19

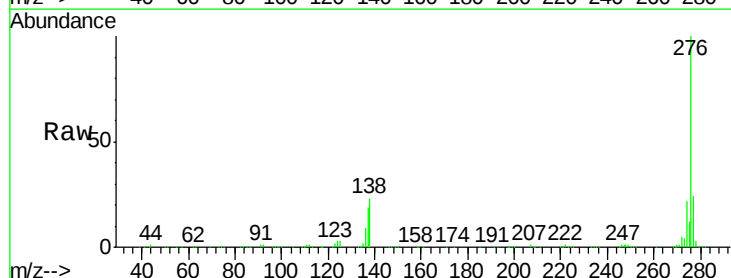
Tgt Ion:276 Resp: 909582

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 23.2 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

