

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115565.D
 Acq On : 15 Jul 2019 19:13
 Operator : HP/JU
 Sample : PB121220BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121220BSD

Quant Time: Jul 16 03:47:27 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	163432	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	656239	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	330468	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	650832	20.00	ng	0.00
76) Chrysene-d12	14.04	240	441656	20.00	ng	-0.01
87) Perylene-d12	15.50	264	431965	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1172450	117.34	ng	0.01
7) Phenol-d6	6.52	99	1490479	117.56	ng	0.00
23) Nitrobenzene-d5	7.44	82	955246	84.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	489794	126.98	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1839233	97.41	ng	-0.01
79) Terphenyl-d14	12.99	244	1971460	82.36	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.79	88	189457	38.013	ng	99
3) Pyridine	3.53	79	497447	36.788	ng	99
4) n-Nitrosodimethylamine	3.47	42	185891	37.895	ng	97
6) Aniline	6.55	93	558568	31.659	ng	98
8) 2-Chlorophenol	6.67	128	481282	41.896	ng	99
9) Benzaldehyde	6.43	77	348673	44.010	ng	99
10) Phenol	6.53	94	604494	41.073	ng	82
11) bis(2-Chloroethyl)ether	6.62	93	448716	40.045	ng	100
12) 1,3-Dichlorobenzene	6.82	146	520709	40.316	ng	97
13) 1,4-Dichlorobenzene	6.90	146	521354	40.457	ng	98
14) 1,2-Dichlorobenzene	7.05	146	491055	41.686	ng	98
15) Benzyl Alcohol	7.02	79	428409	42.597	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	594268	40.284	ng	97
17) 2-Methylphenol	7.13	107	413779	41.797	ng	98
18) Hexachloroethane	7.40	117	190058	39.735	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	331442	40.085	ng	98
20) 3+4-Methylphenols	7.28	107	492740	41.903	ng	96
22) Acetophenone	7.29	105	653775	44.098	ng	# 97
24) Nitrobenzene	7.46	77	524532	43.090	ng	96
25) Isophorone	7.70	82	954462	42.264	ng	98
26) 2-Nitrophenol	7.77	139	273299	43.619	ng	98
27) 2,4-Dimethylphenol	7.81	122	460746	49.147	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	592694	42.780	ng	99
29) 2,4-Dichlorophenol	8.02	162	431643	44.272	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	465127	42.204	ng	98
31) Naphthalene	8.19	128	1405321	44.218	ng	98
32) Benzoic acid	7.93	122	325222	42.272	ng	99
33) 4-Chloroaniline	8.23	127	379829	26.981	ng	97
34) Hexachlorobutadiene	8.31	225	264865	41.909	ng	98
35) Caprolactam	8.60	113	138976m	46.128	ng	
36) 4-Chloro-3-methylphenol	8.71	107	451440	44.637	ng	100
37) 2-Methylnaphthalene	8.87	142	960405	45.588	ng	97
38) 1-Methylnaphthalene	8.97	142	897564	44.855	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	429484	43.157	ng	98

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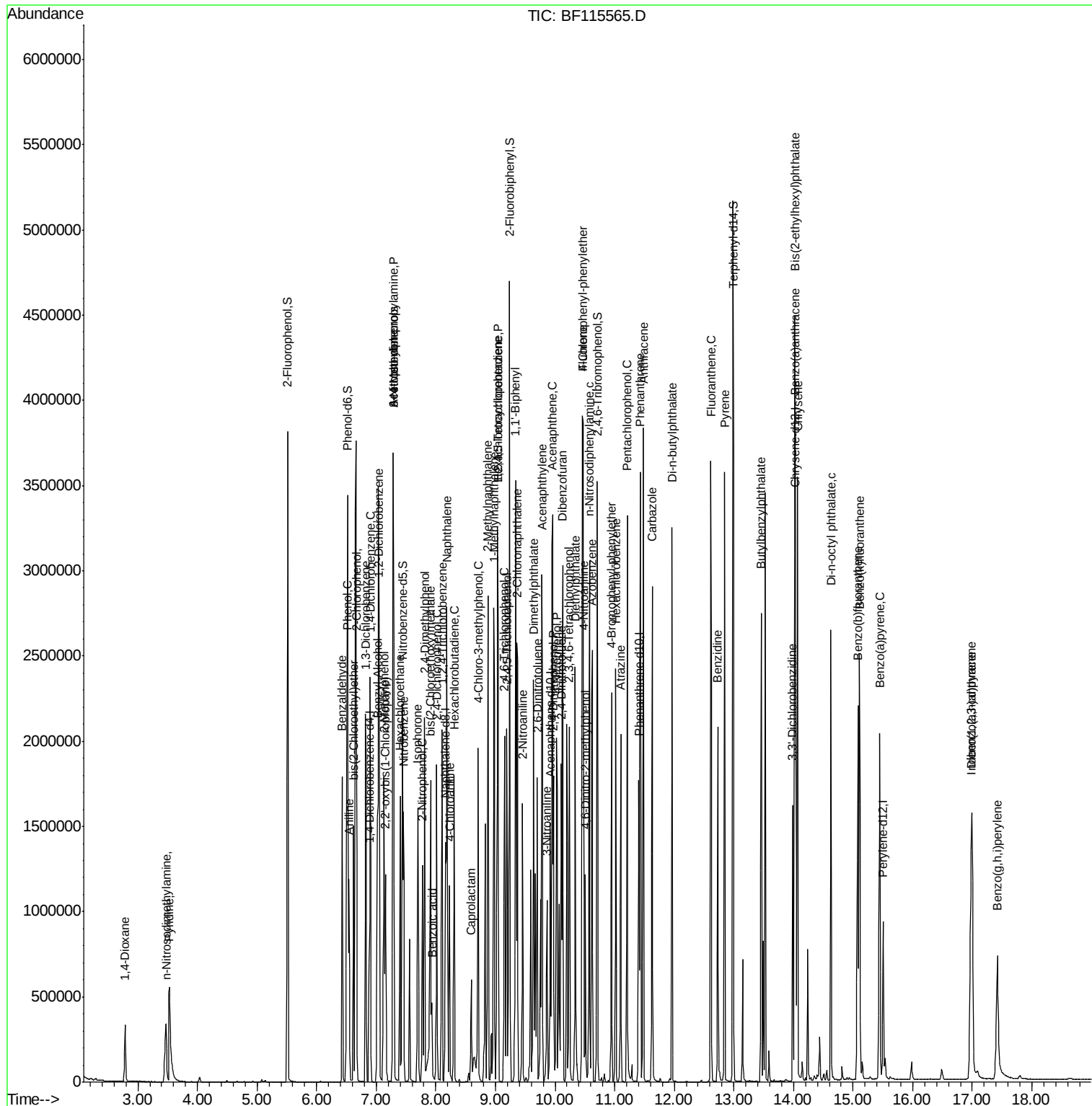
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	454191	80.009	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	319776	43.940	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	327605	43.957	ng	99
46) 1,1'-Biphenyl	9.34	154	1159773	44.890	ng	98
47) 2-Chloronaphthalene	9.37	162	928021	43.139	ng	95
48) 2-Nitroaniline	9.46	65	274538	41.232	ng	96
49) Acenaphthylene	9.78	152	1424099	44.677	ng	97
50) Dimethylphthalate	9.64	163	1081860	43.512	ng	99
51) 2,6-Dinitrotoluene	9.70	165	249318	44.124	ng	98
52) Acenaphthene	9.96	154	986721	47.947	ng	99
53) 3-Nitroaniline	9.86	138	177674	27.516	ng	97
54) 2,4-Dinitrophenol	9.97	184	260391	89.759	ng	95
55) Dibenzofuran	10.13	168	1270607	43.476	ng	99
56) 4-Nitrophenol	10.03	139	461245	93.677	ng	99
57) 2,4-Dinitrotoluene	10.10	165	333180	45.514	ng	95
58) Fluorene	10.47	166	927876	44.411	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	286065	45.916	ng	99
60) Diethylphthalate	10.34	149	1036314	44.485	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	484308	41.801	ng	95
62) 4-Nitroaniline	10.48	138	264578	42.718	ng	98
63) Azobenzene	10.62	77	1020027	45.141	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	176130	44.294	ng	93
66) n-Nitrosodiphenylamine	10.57	169	882400	43.586	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	311055	41.823	ng	93
68) Hexachlorobenzene	11.02	284	352826	41.540	ng	98
69) Atrazine	11.10	200	283446	42.678	ng	99
70) Pentachlorophenol	11.21	266	423353	81.494	ng	99
71) Phenanthrene	11.43	178	1448419	43.416	ng	97
72) Anthracene	11.48	178	1480283	42.935	ng	99
73) Carbazole	11.63	167	1311815	43.389	ng	98
74) Di-n-butylphthalate	11.96	149	1562500	41.956	ng	99
75) Fluoranthene	12.62	202	1505543	42.706	ng	98
77) Benzidine	12.73	184	836132	53.441	ng	99
78) Pyrene	12.84	202	1543261	41.243	ng	98
80) Butylbenzylphthalate	13.46	149	658240	41.265	ng	95
81) Benzo(a)anthracene	14.03	228	1212045	41.656	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	354309	34.254	ng	98
83) Chrysene	14.07	228	1256365	43.013	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	827391	41.875	ng	99
85) Di-n-octyl phthalate	14.63	149	1423363	45.275	ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	1081675	43.589	ng	100
88) Benzo(b)fluoranthene	15.08	252	1172774	42.163	ng	99
89) Benzo(k)fluoranthene	15.11	252	1134140	45.734	ng	99
90) Benzo(a)pyrene	15.44	252	1074411	44.942	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	908406	43.283	ng	99
92) Benzo(g,h,i)perylene	17.42	276	848366	40.530	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

Instrument :

BNA_F

ClientSampleId :

PB121220BSD

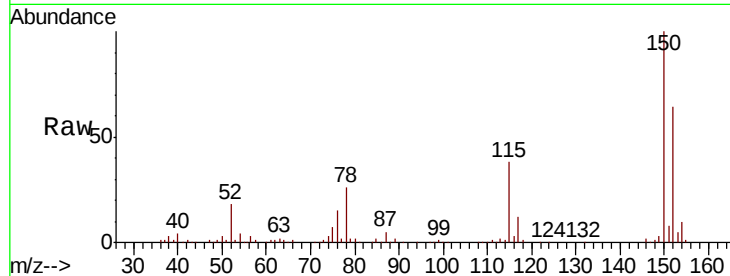
Tot Ion:152 Resp: 163432

Ion Ratio Lower Upper

152 100

150 156.0 129.7 194.5

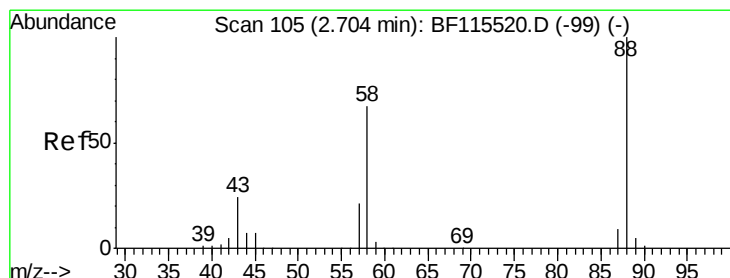
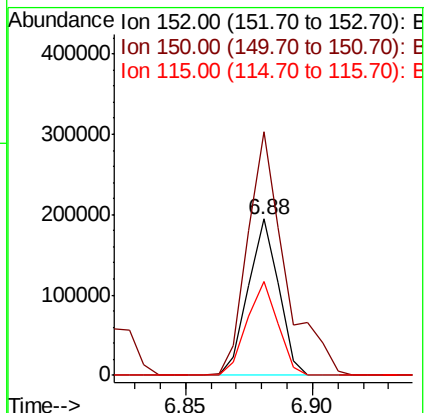
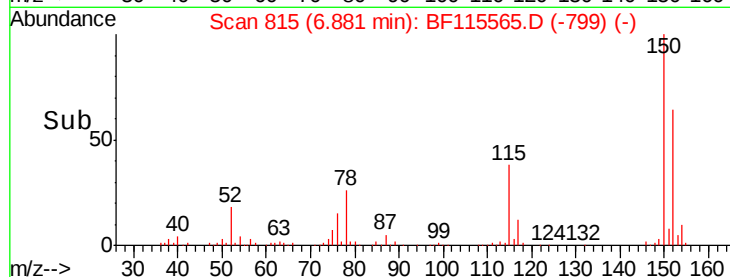
115 59.9 48.2 72.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.013 ng

RT: 2.79 min Scan# 119

Delta R.T. 0.08 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

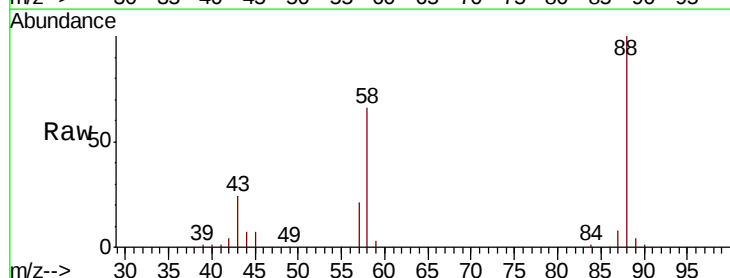
Tgt Ion: 88 Resp: 189457

Ion Ratio Lower Upper

88 100

58 66.6 52.6 79.0

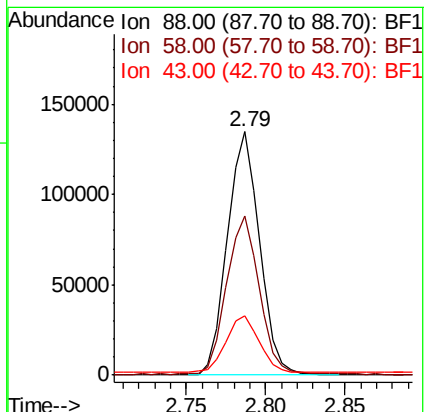
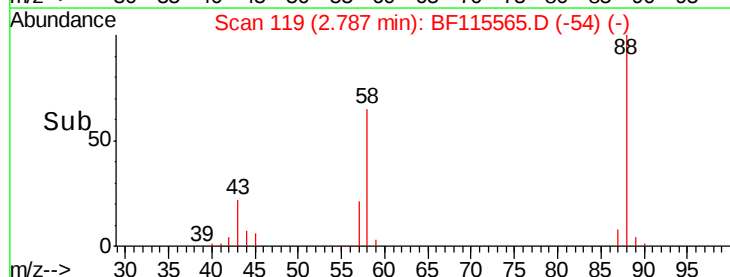
43 24.0 19.1 28.7

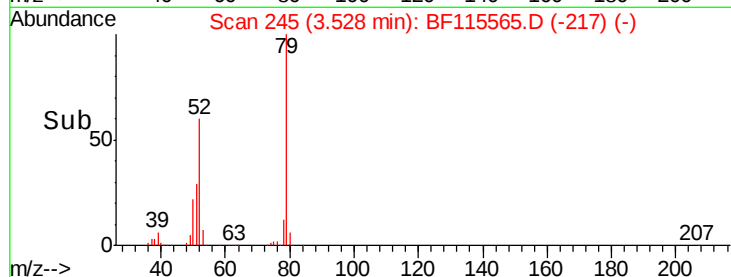
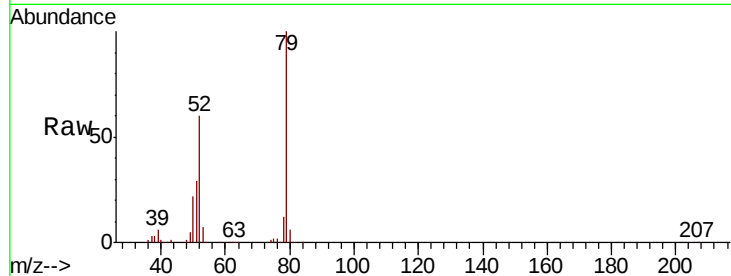
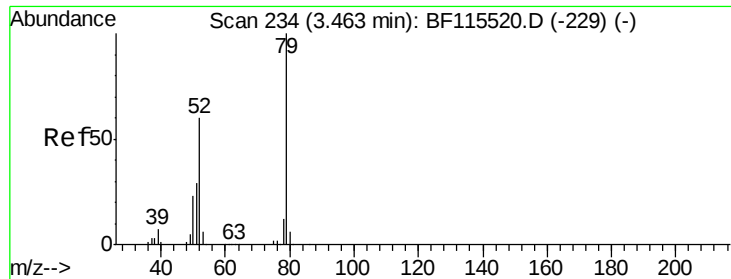


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

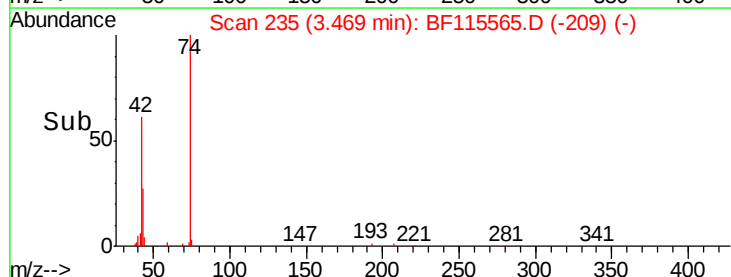
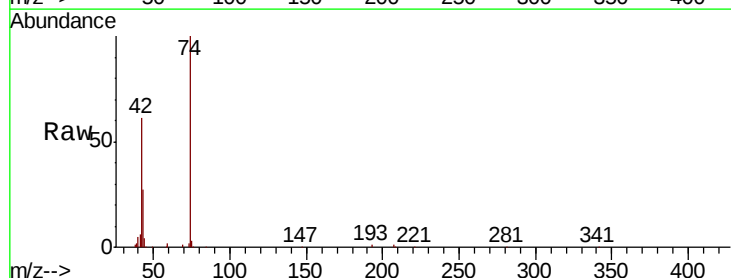
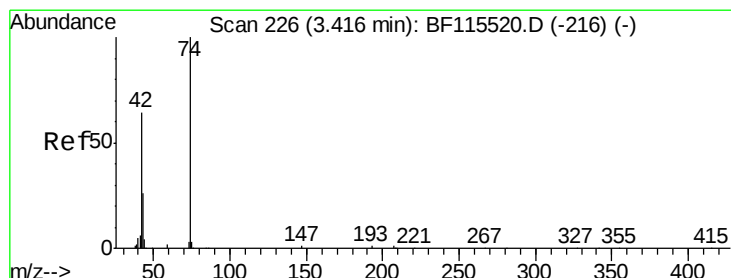
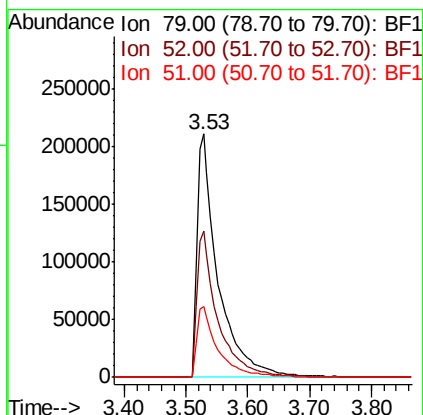




#3
Pvridine
Concen: 36.788 ng
RT: 3.53 min Scan# 245
Delta R.T. 0.06 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

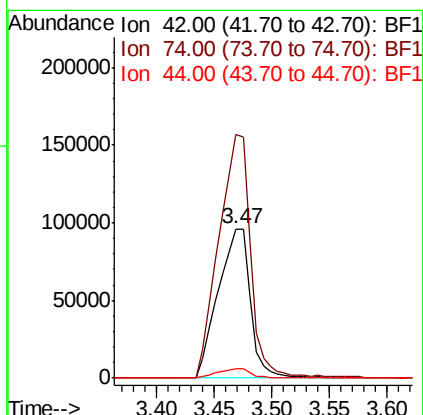
Tot Ion	Ratio	Lower	Upper
79	100		
52	60.0	47.8	71.6
51	29.0	23.8	35.8

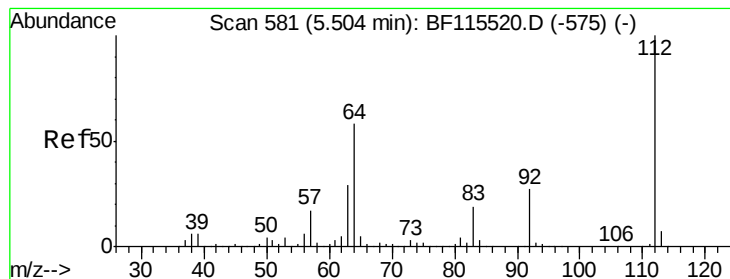
Instrument :
BNA_F
ClientSampleId :
PB121220BSD



#4
n-Nitrosodimethylamine
Concen: 37.895 ng
RT: 3.47 min Scan# 235
Delta R.T. 0.05 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	163.4	127.5	191.3
44	6.4	5.0	7.6





#5

2-Fluorophenol

Concen: 117.345 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

Instrument :

BNA_F

ClientSampleId :

PB121220BSD

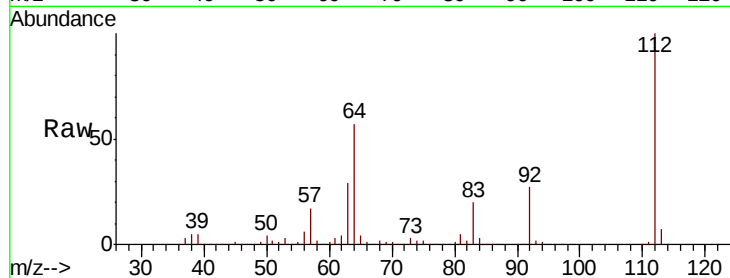
Tot Ion:112 Resp: 1172450

Ion Ratio Lower Upper

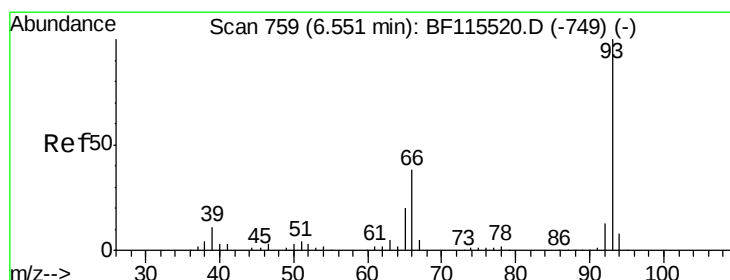
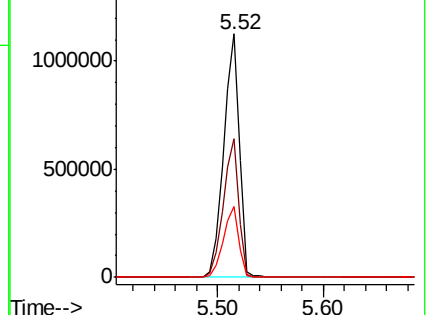
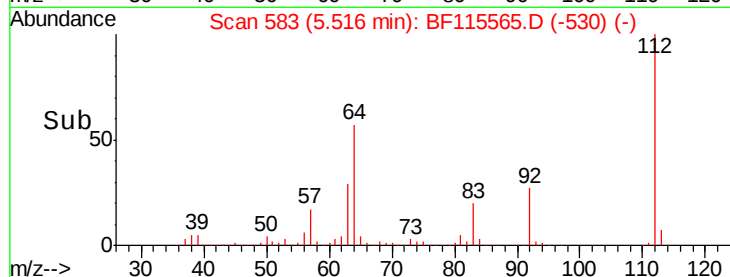
112 100

64 57.2 46.8 70.2

63 28.9 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: 31.659 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

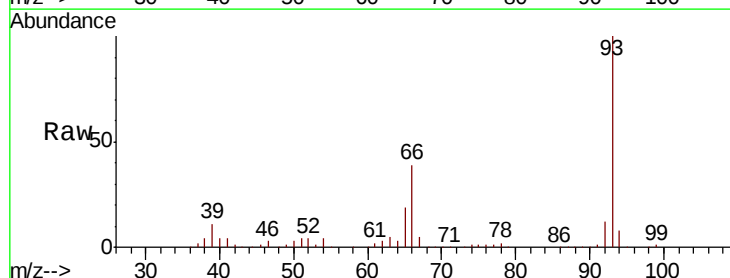
Tgt Ion: 93 Resp: 558568

Ion Ratio Lower Upper

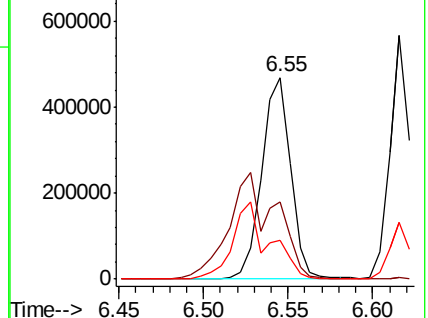
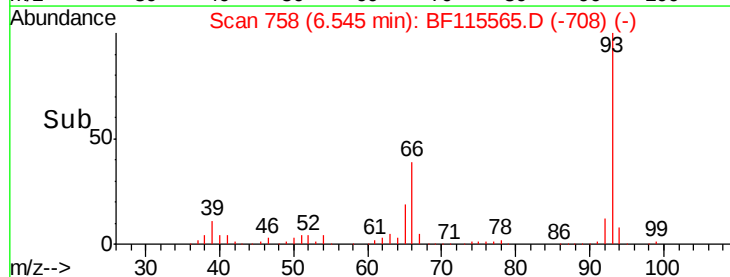
93 100

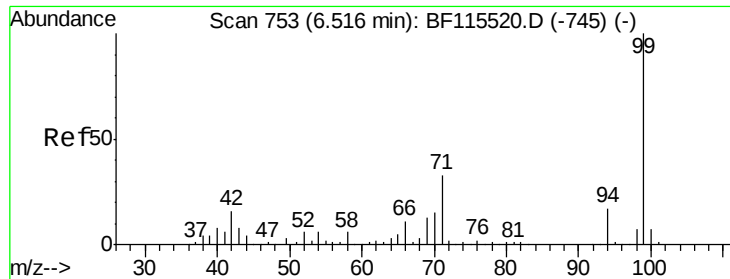
66 38.5 31.7 47.5

65 19.0 16.2 24.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.564 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

Instrument :

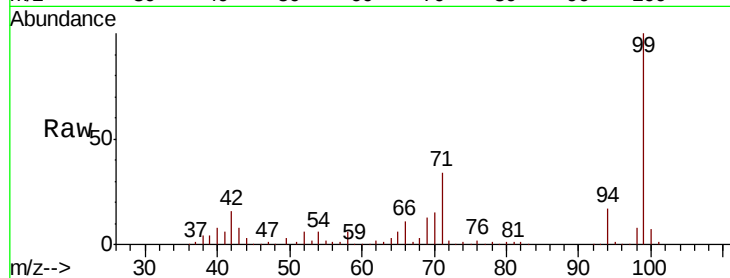
BNA_F

ClientSampled :

PB121220BSD

Tot Ion: 99 Resp: 1490479

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.6	20.4
71	33.6	28.5	42.7

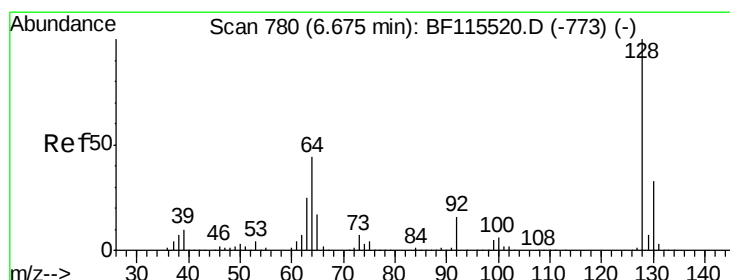
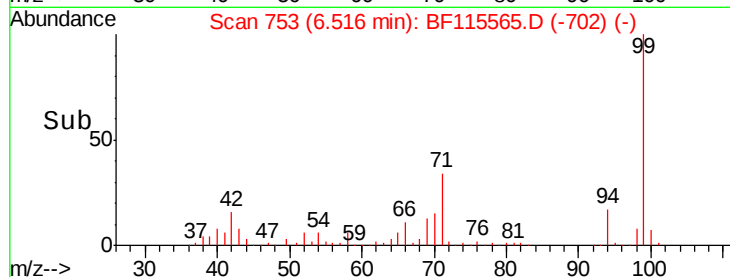
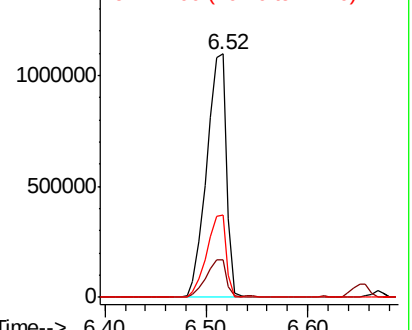


Abundance

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: 41.896 ng

RT: 6.67 min Scan# 779

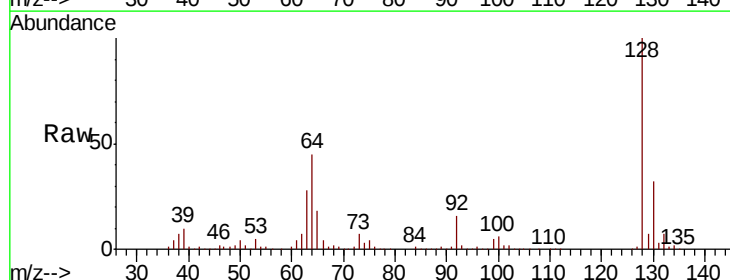
Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

Tgt Ion: 128 Resp: 481282

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.8	52.8
64	45.5	26.8	66.8

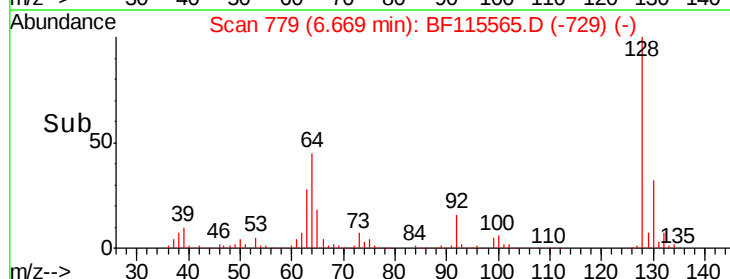
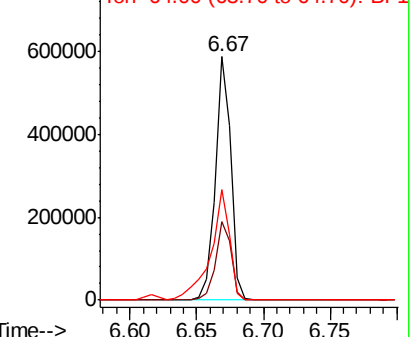


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

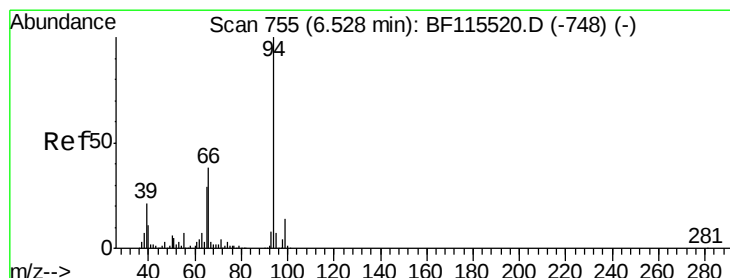
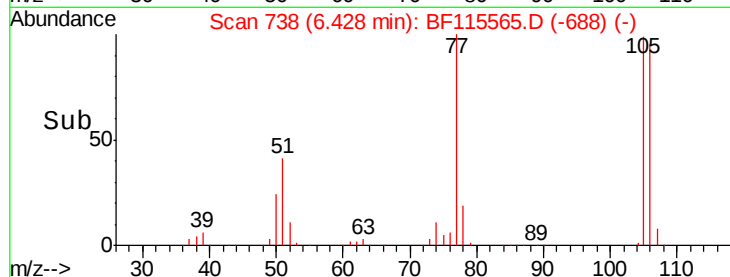
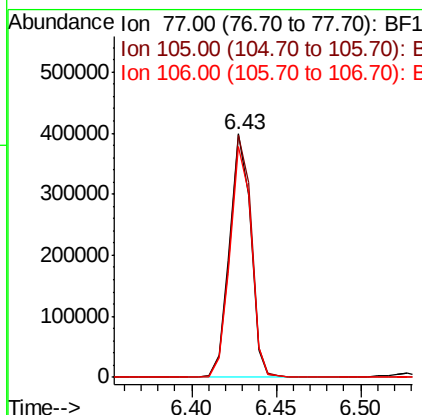
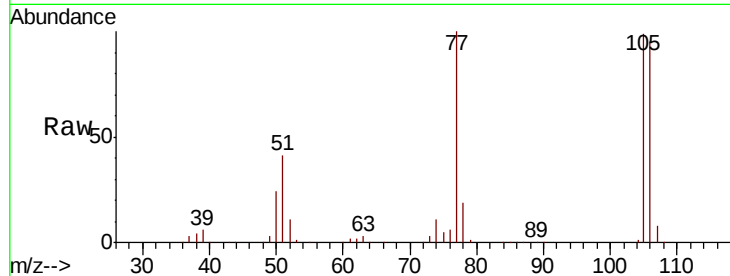




#9
Benzaldehyde
Concen: 44.010 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

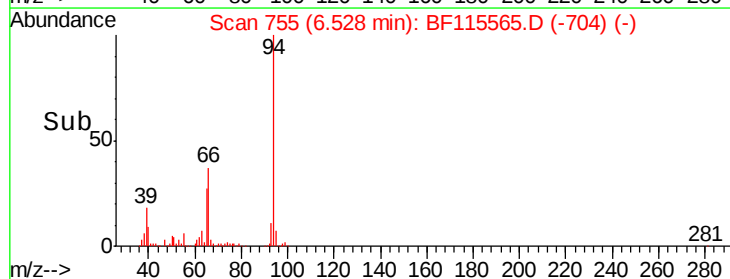
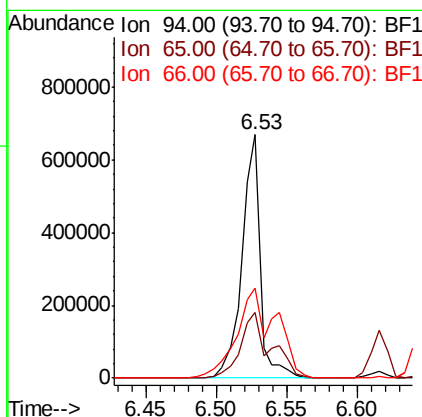
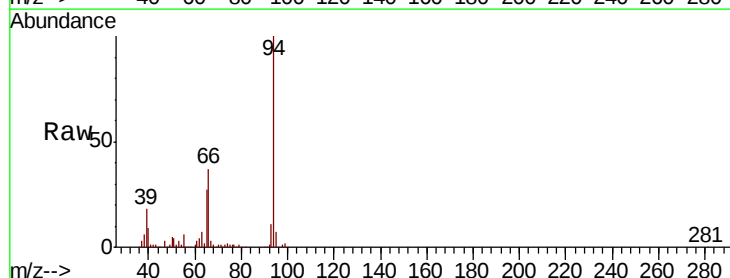
Instrument :
BNA_F
ClientSampleId :
PB121220BSD

Tot Ion: 77 Resp: 348673
Ion Ratio Lower Upper
77 100
105 99.3 78.8 118.8
106 94.7 75.6 115.6



#10
Phenol
Concen: 41.073 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Tgt Ion: 94 Resp: 604494
Ion Ratio Lower Upper
94 100
65 26.8 14.5 54.5
66 36.9 31.3 71.3

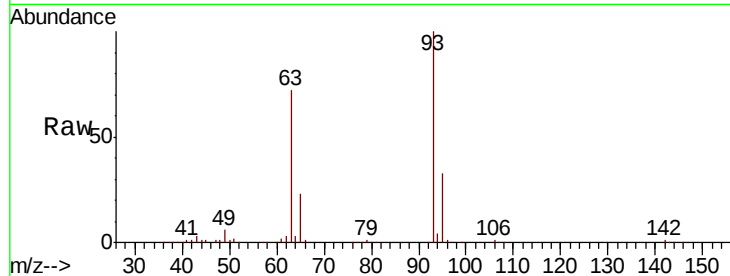




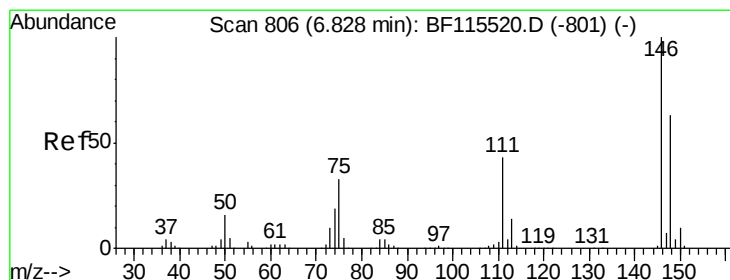
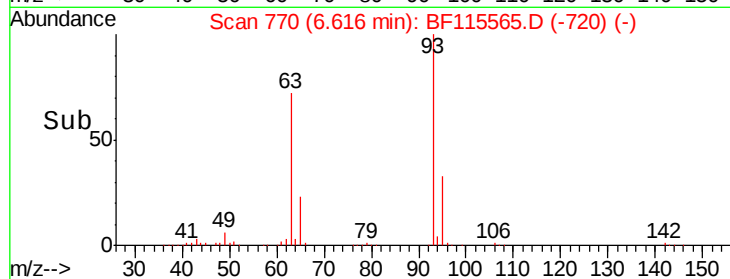
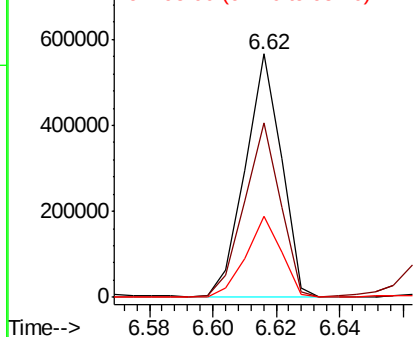
#11
 bis(2-Chloroethyl)ether
 Concen: 40.045 ng
 RT: 6.62 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF115565.D
 Acq: 15 Jul 2019 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB121220BSD

Tot Ion: 93 Resp: 448716
 Ion Ratio Lower Upper
 93 100
 63 71.8 52.2 92.2
 95 33.2 12.9 52.9

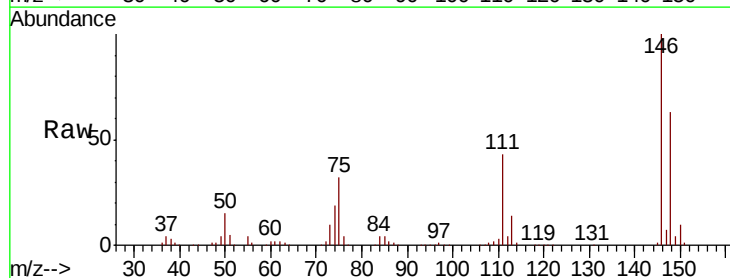


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

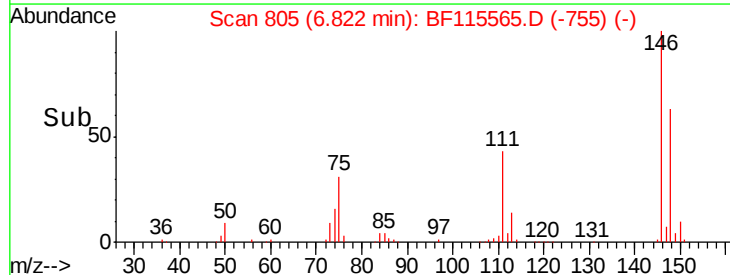
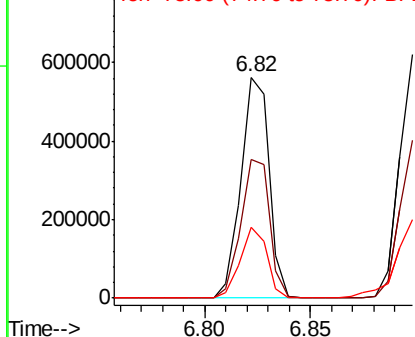


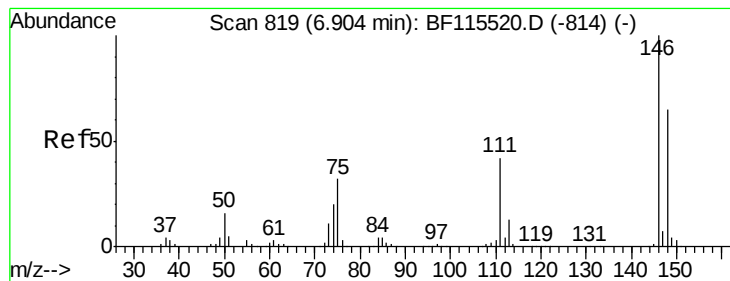
#12
 1,3-Dichlorobenzene
 Concen: 40.316 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF115565.D
 Acq: 15 Jul 2019 19:13

Tgt Ion: 146 Resp: 520709
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.1 78.1
 75 31.8 24.9 37.3



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.457 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

Instrument :

BNA_F

ClientSampleId :

PB121220BSD

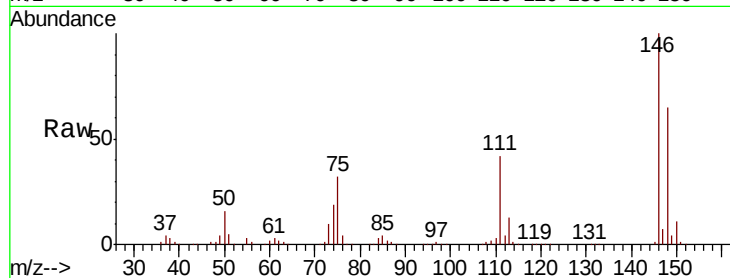
Tot Ion:146 Resp: 521354

Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.6

111 41.8 35.5 53.3

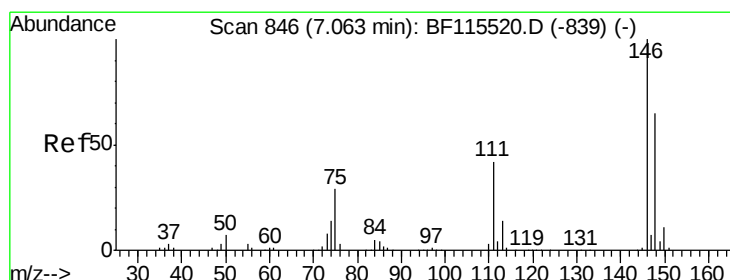
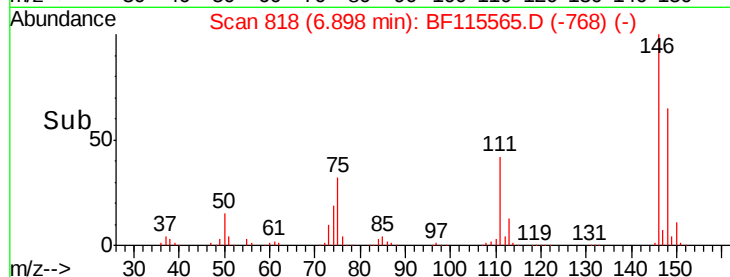
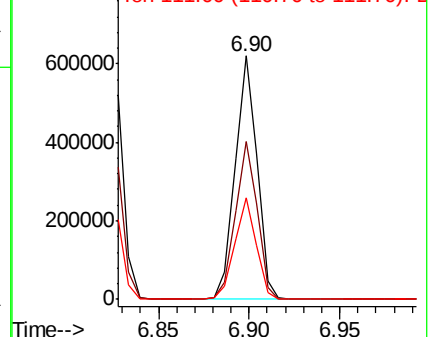


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.686 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

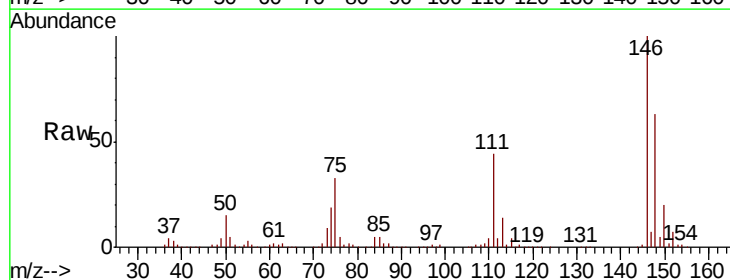
Tgt Ion:146 Resp: 491055

Ion Ratio Lower Upper

146 100

148 63.5 51.1 76.7

111 44.4 37.6 56.4

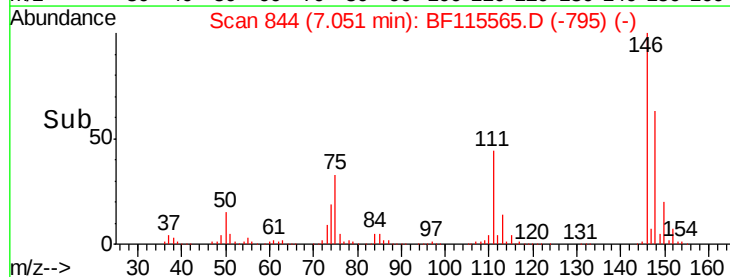
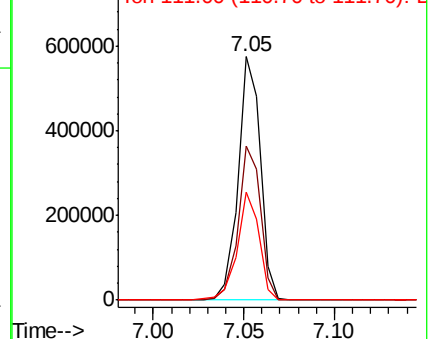


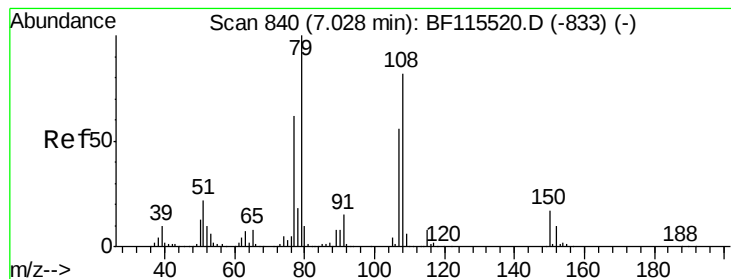
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.597 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

Instrument :

BNA_F

ClientSampleId :

PB121220BSD

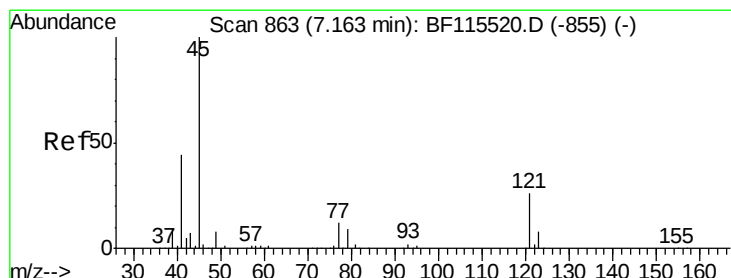
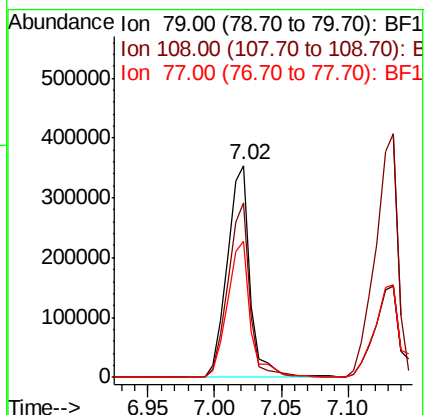
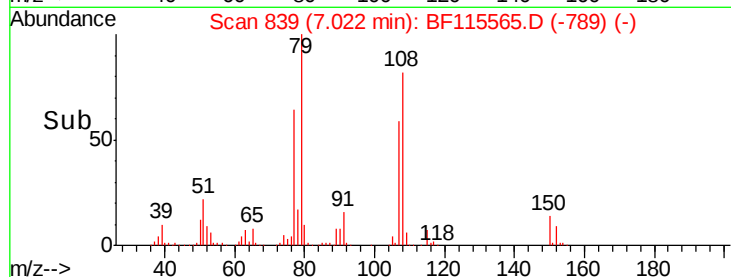
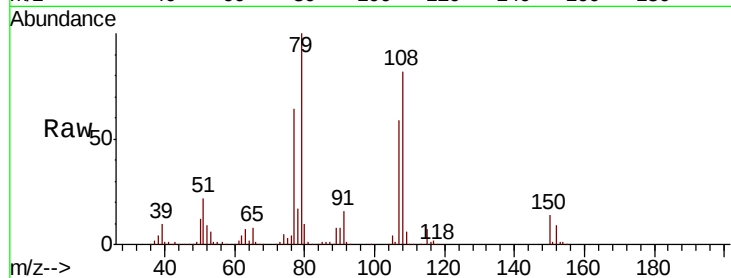
Tot Ion: 79 Resp: 428409

Ion Ratio Lower Upper

79 100

108 82.2 64.2 96.4

77 63.9 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.284 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

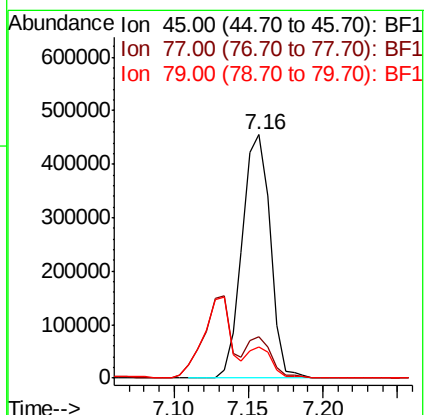
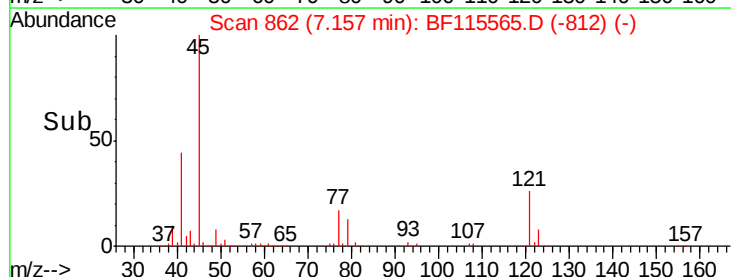
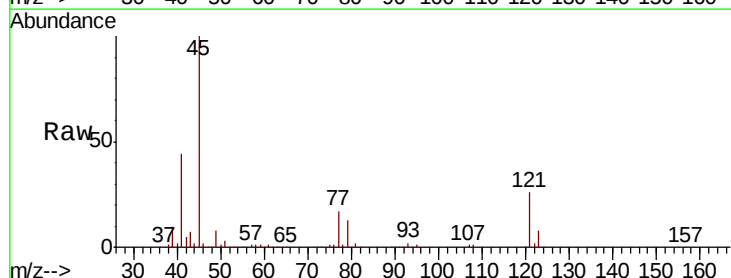
Tgt Ion: 45 Resp: 594268

Ion Ratio Lower Upper

45 100

77 16.9 0.0 38.1

79 13.0 0.0 34.1

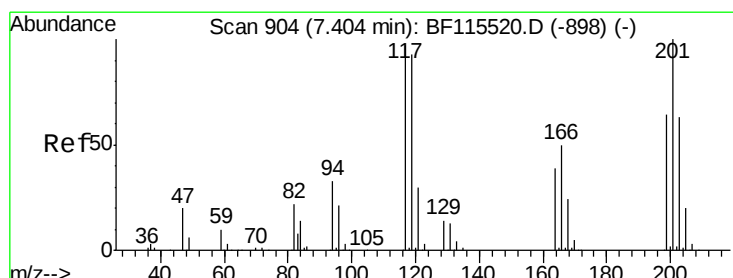
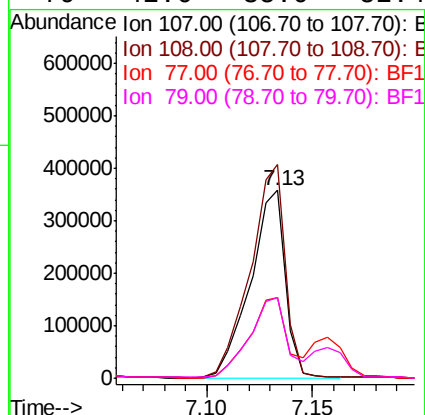
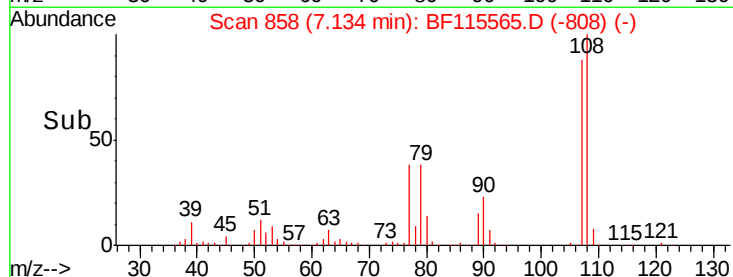
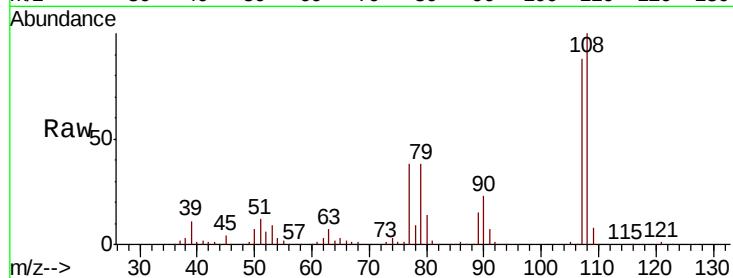




#17
2-Methylphenol
Concen: 41.797 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

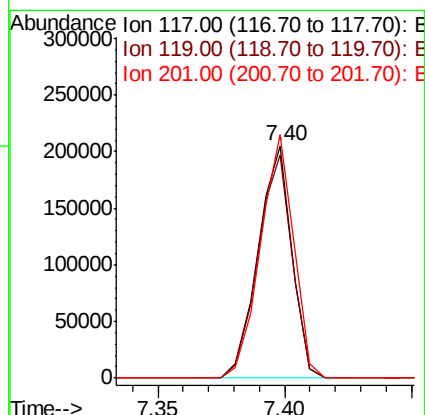
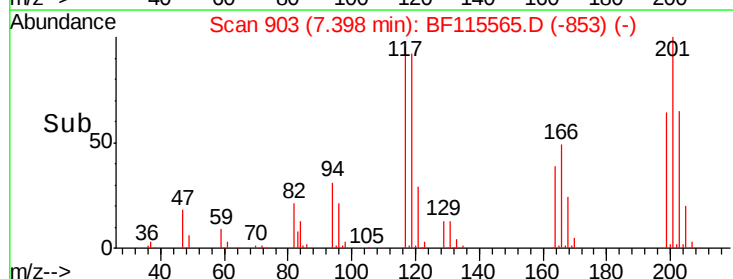
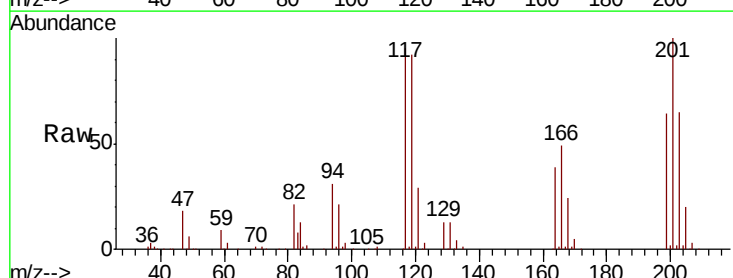
Instrument :
BNA_F
ClientSampleId :
PB121220BSD

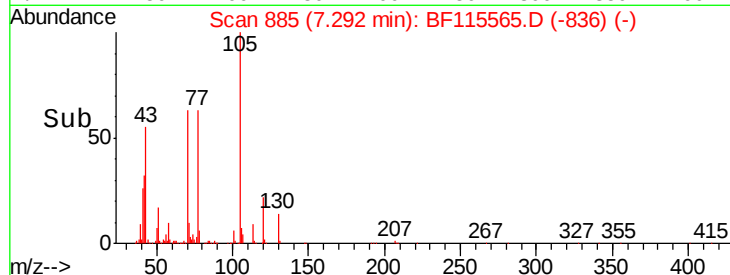
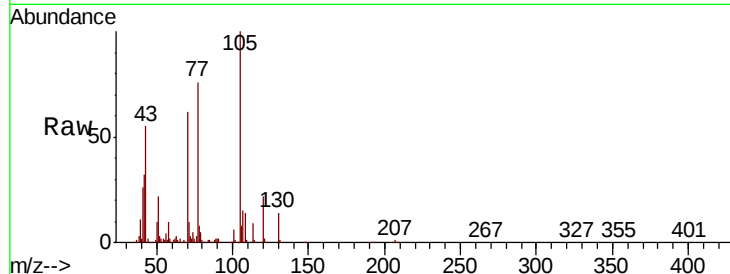
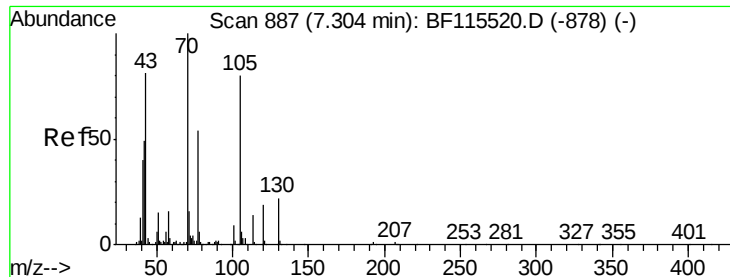
Tot Ion:107 Resp: 413779
Ion Ratio Lower Upper
107 100
108 113.6 89.4 134.2
77 43.1 35.7 53.5
79 42.6 35.0 52.4



#18
Hexachloroethane
Concen: 39.735 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Tgt Ion:117 Resp: 190058
Ion Ratio Lower Upper
117 100
119 96.2 77.7 116.5
201 104.8 86.0 129.0

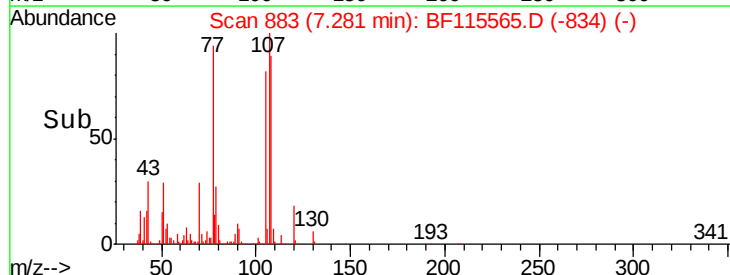
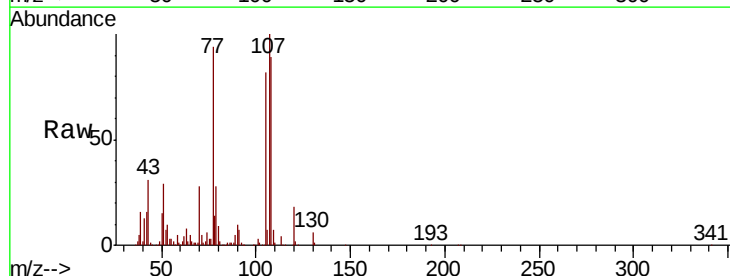
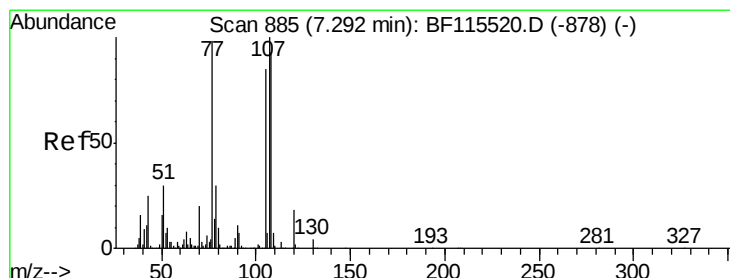
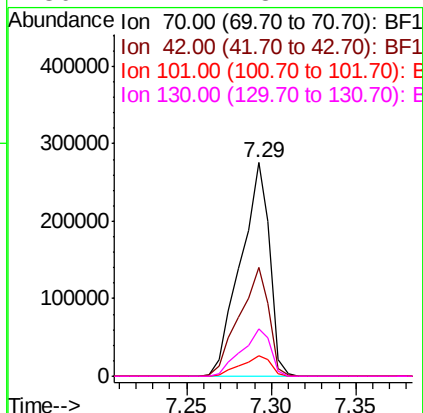




#19
n-Nitroso-di-n-propylamine
Concen: 40.085 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

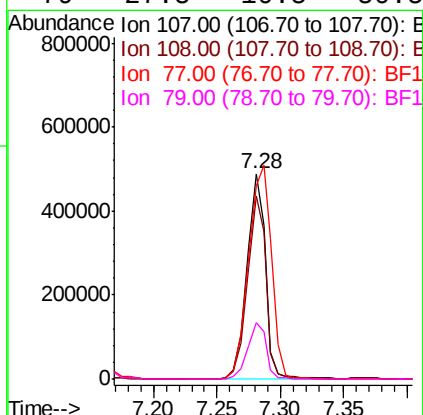
Instrument :
BNA_F
ClientSampleId :
PB121220BSD

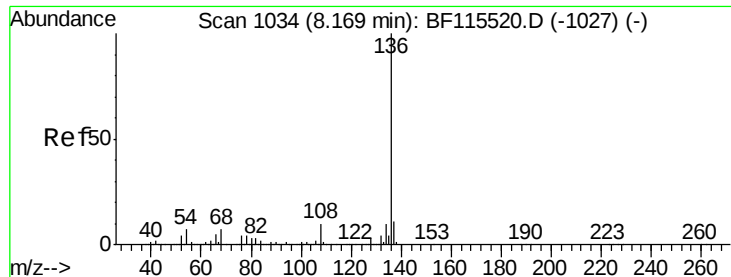
Tot Ion:	70	Resp:	331442
Ion	Ratio	Lower	Upper
70	100		
42	50.9	39.6	59.4
101	9.7	8.1	12.1
130	22.1	18.2	27.2



#20
3+4-Methylphenols
Concen: 41.903 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Tgt Ion:	107	Resp:	492740
Ion	Ratio	Lower	Upper
107	100		
108	89.3	72.9	112.9
77	93.8	77.6	117.6
79	27.5	10.5	50.5

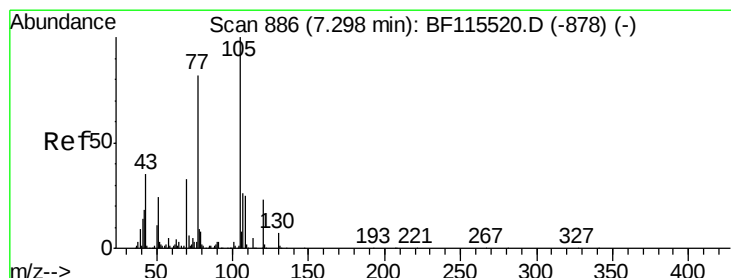
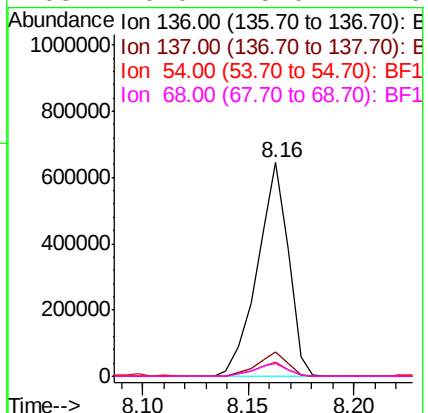
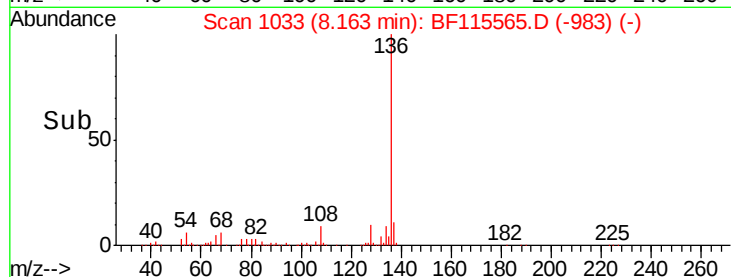
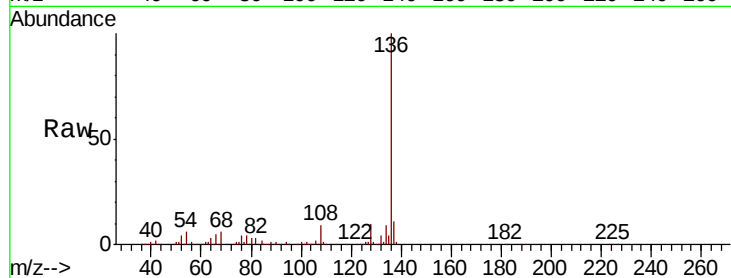




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

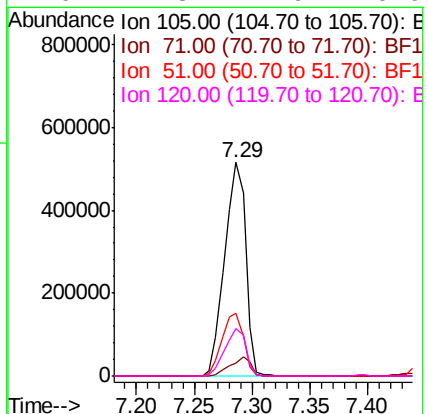
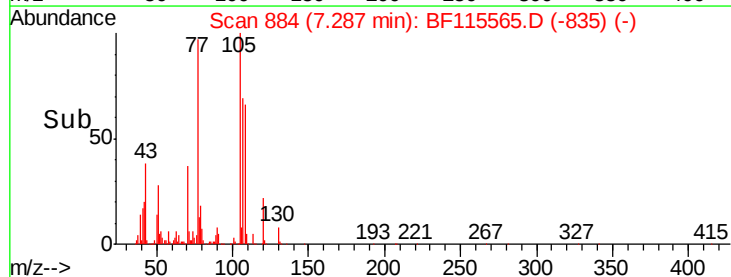
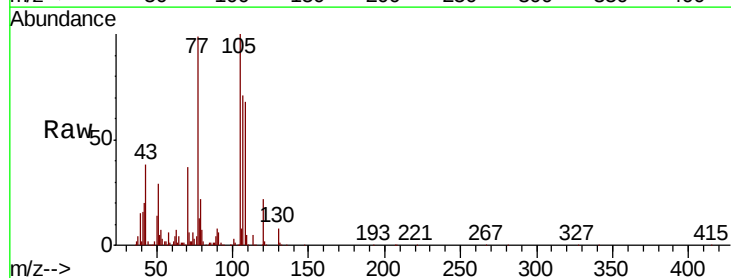
Instrument :
BNA_F
ClientSampleId :
PB121220BSD

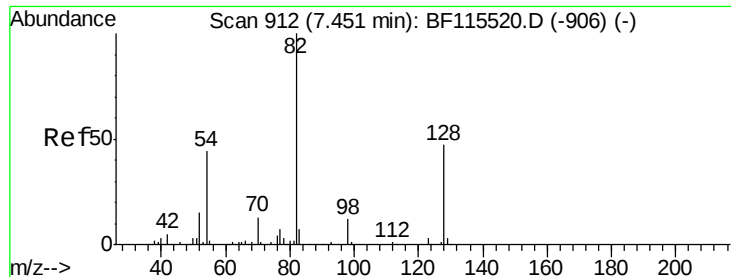
Tot Ion:136	Resp: 656239
Ion Ratio	Lower Upper
136 100	
137 11.1	9.0 13.4
54 6.4	5.6 8.4
68 6.0	5.0 7.6



#22
Acetophenone
Concen: 44.098 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Tgt	Ion:105	Resp:	653775
Ion	Ratio	Lower	Upper
105	100		
71	6.1	3.5	5.3#
51	29.3	25.6	38.4
120	22.3	17.9	26.9

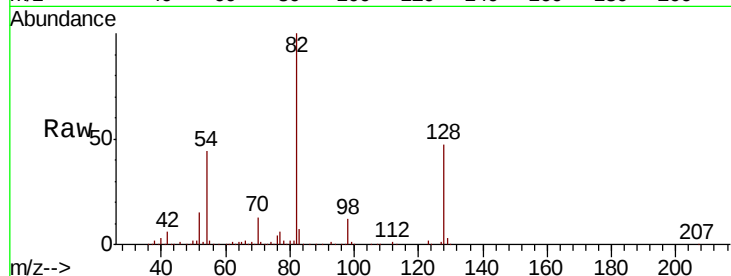




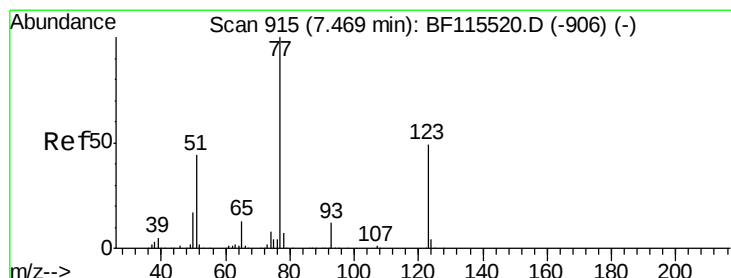
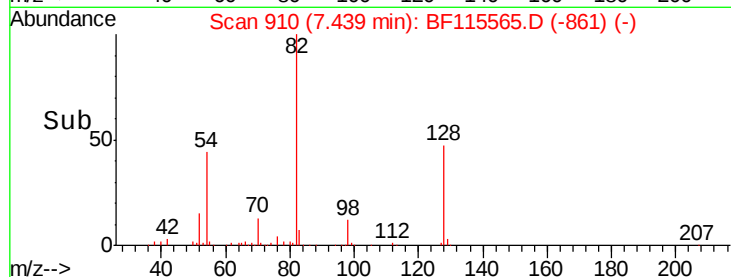
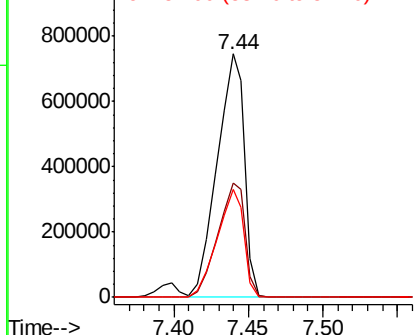
#23
Nitrobenzene-d5
Concen: 84.640 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Instrument :
BNA_F
ClientSampleId :
PB121220BSD

Tot Ion: 82 Resp: 955246
Ion Ratio Lower Upper
82 100
128 46.9 38.6 57.8
54 44.2 35.6 53.4

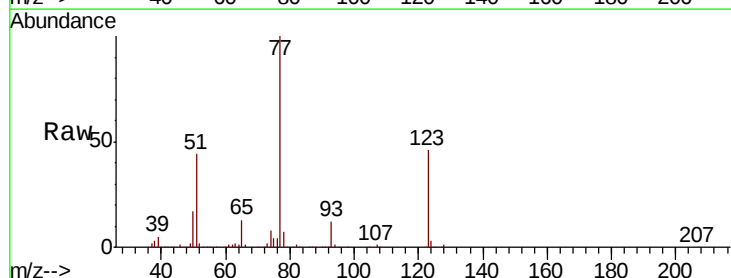


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

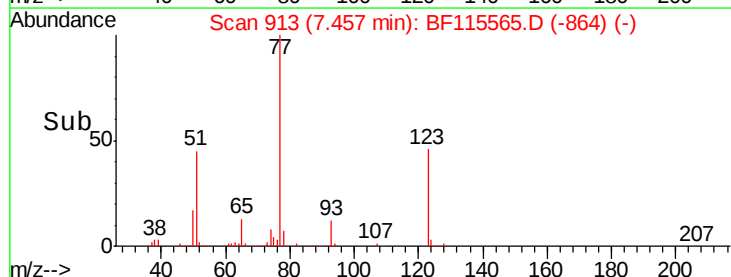
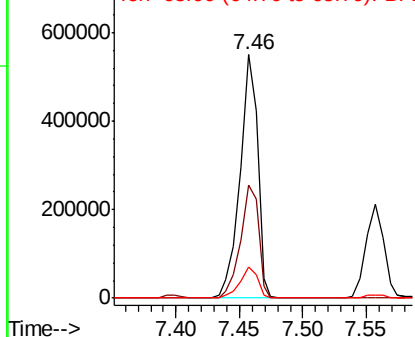


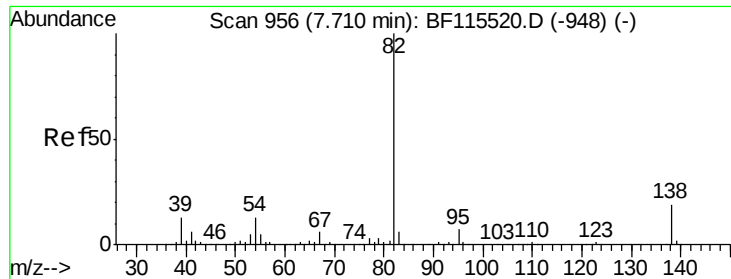
#24
Nitrobenzene
Concen: 43.090 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Tgt Ion: 77 Resp: 524532
Ion Ratio Lower Upper
77 100
123 46.4 40.0 60.0
65 12.9 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

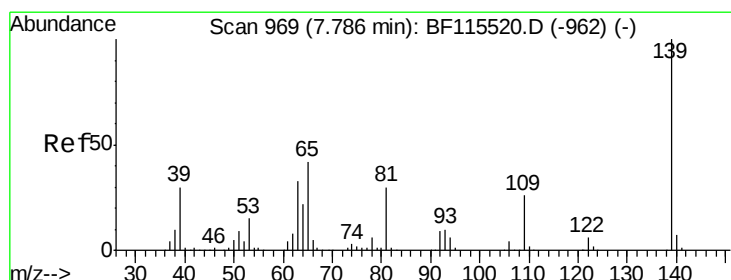
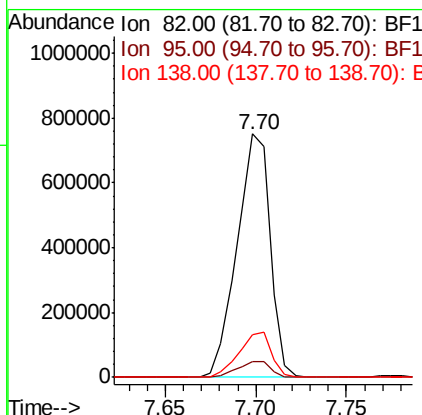
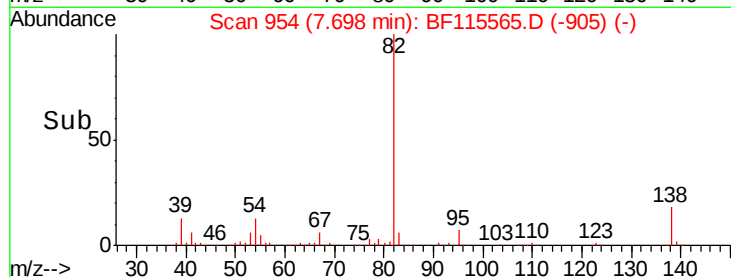
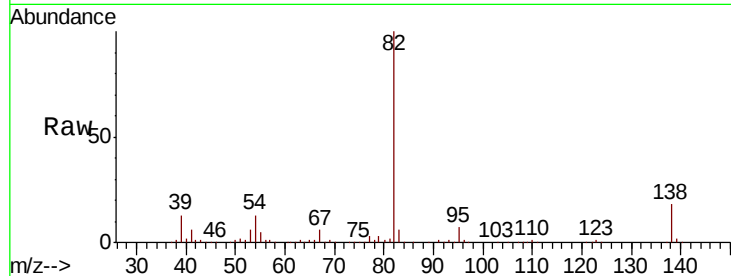




#25
Isophorone
Concen: 42.264 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

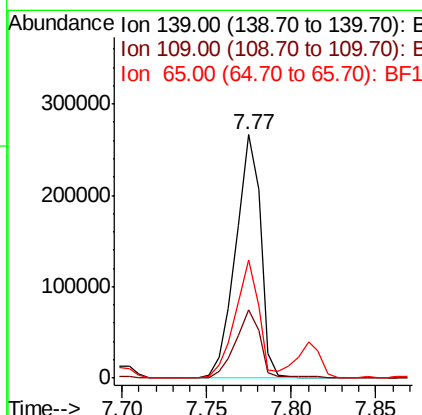
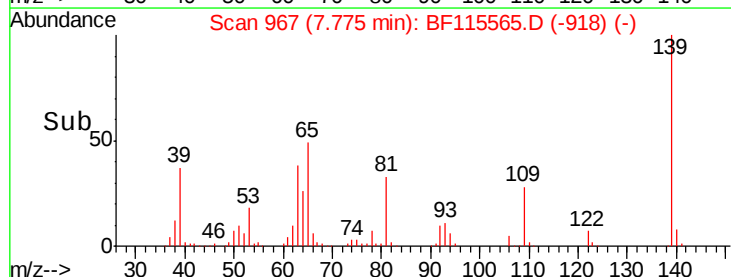
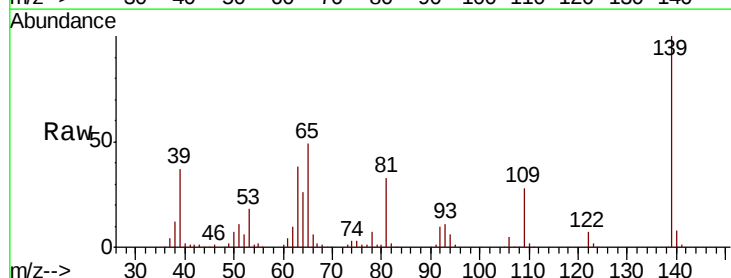
Instrument :
BNA_F
ClientSampleId :
PB121220BSD

Tot Ion: 82 Resp: 954462
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 17.6 14.9 22.3



#26
2-Nitrophenol
Concen: 43.619 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Tgt Ion: 139 Resp: 273299
Ion Ratio Lower Upper
139 100
109 28.1 23.3 34.9
65 48.5 37.9 56.9

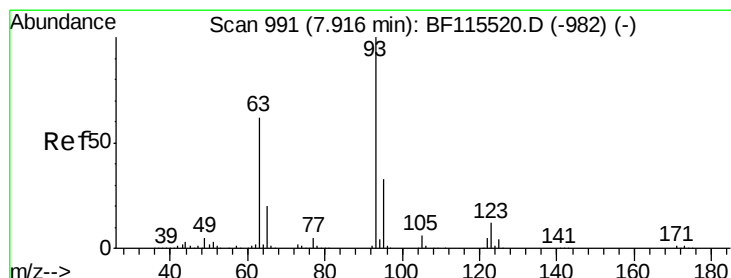
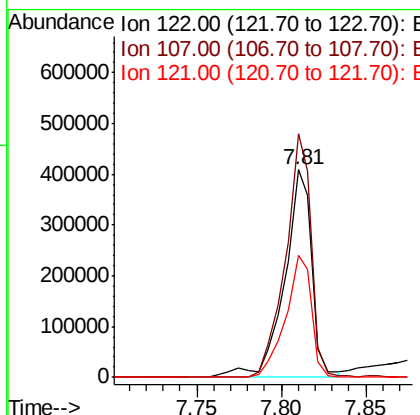
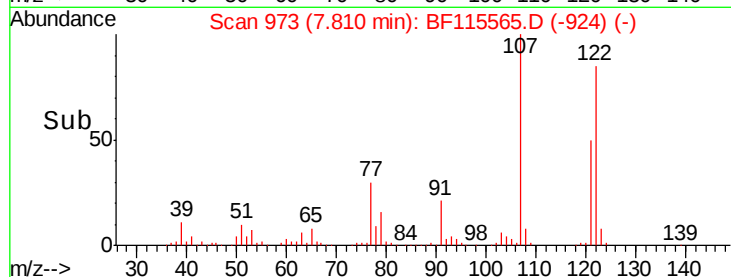
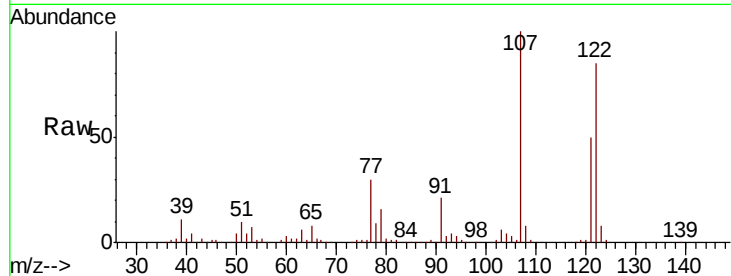




#27
2,4-Dimethylphenol
Concen: 49.147 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

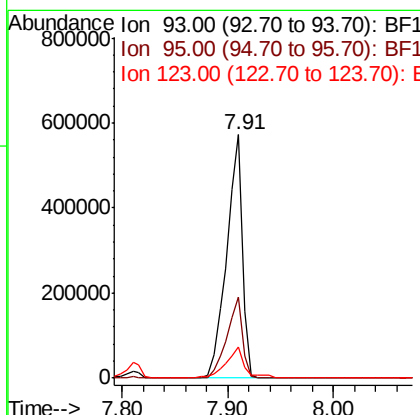
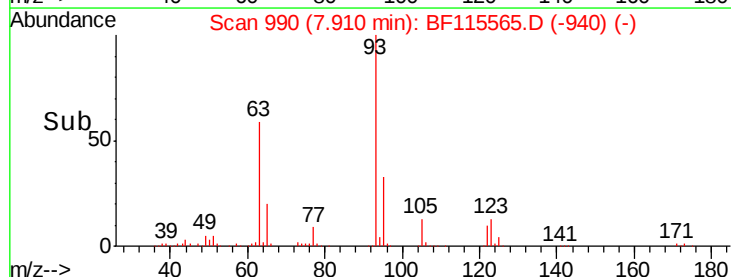
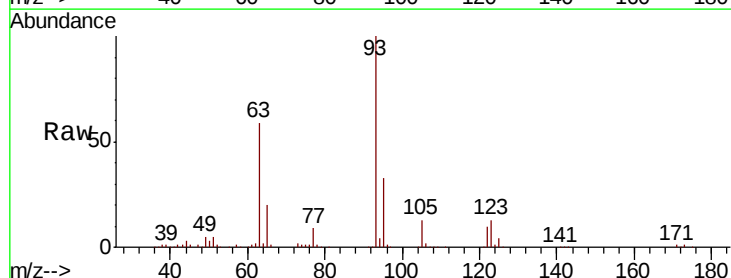
Instrument :
BNA_F
ClientSampleId :
PB121220BSD

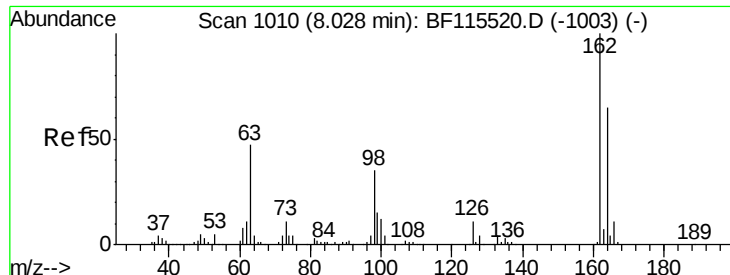
Tot Ion:122 Resp: 460746
Ion Ratio Lower Upper
122 100
107 117.5 92.9 139.3
121 58.9 46.9 70.3



#28
bis(2-Chloroethoxy)methane
Concen: 42.780 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Tgt Ion: 93 Resp: 592694
Ion Ratio Lower Upper
93 100
95 33.2 27.0 40.4
123 12.8 9.9 14.9

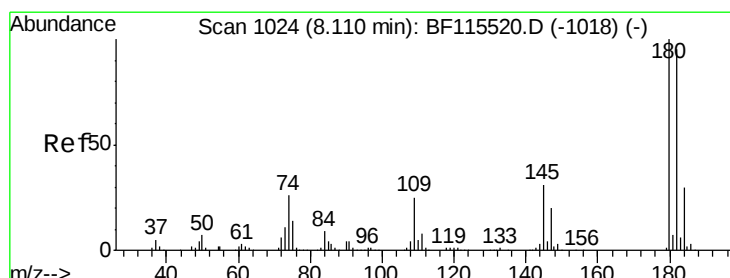
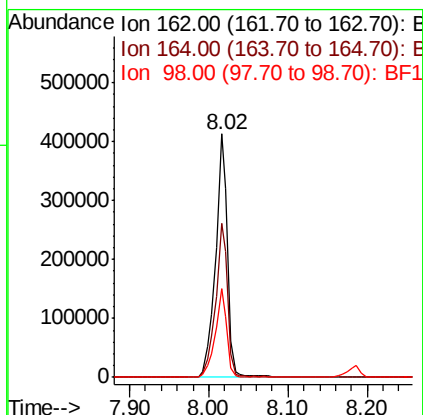
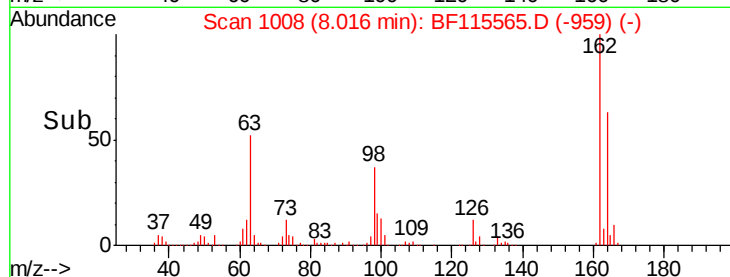
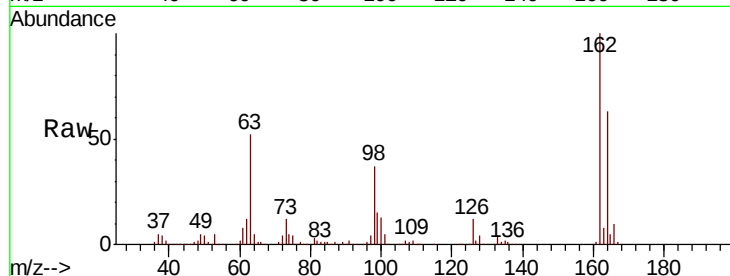




#29
2,4-Dichlorophenol
Concen: 44.272 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

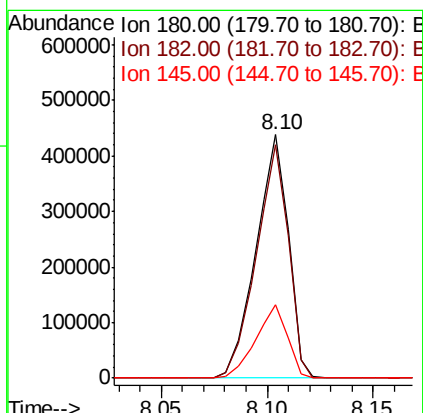
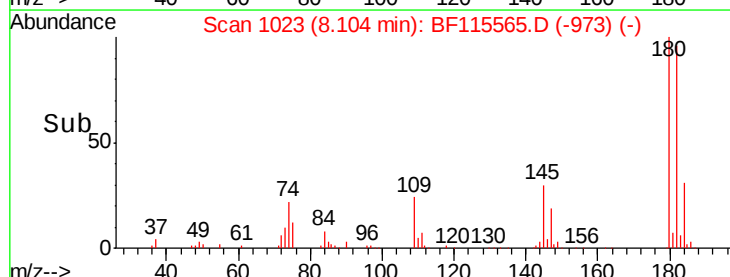
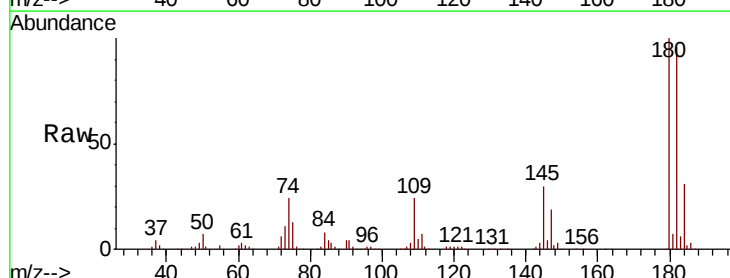
Instrument :
BNA_F
ClientSampleID :
PB121220BSD

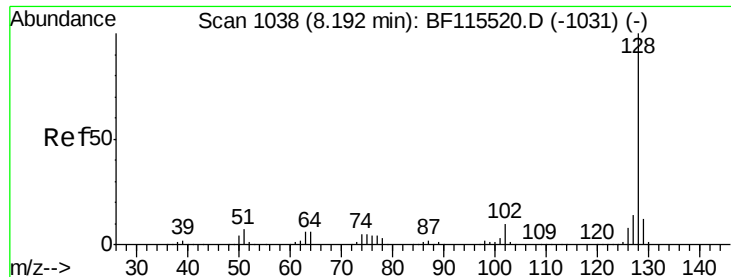
Tot Ion:162 Resp: 431643
Ion Ratio Lower Upper
162 100
164 63.2 44.9 84.9
98 36.5 17.7 57.7



#30
1,2,4-Trichlorobenzene
Concen: 42.204 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Tgt Ion:180 Resp: 465127
Ion Ratio Lower Upper
180 100
182 95.8 75.0 112.6
145 30.4 25.1 37.7





#31

Naphthalene

Concen: 44.218 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

Instrument :

BNA_F

ClientSampleId :

PB121220BSD

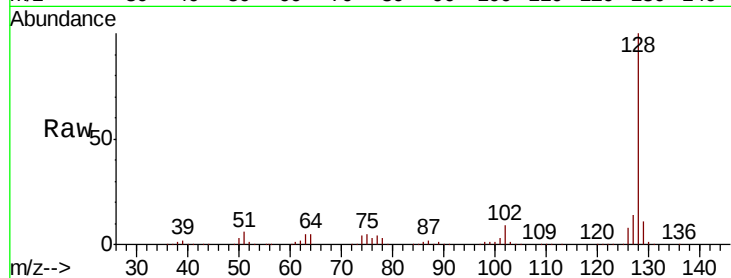
Tot Ion:128 Resp: 1405321

Ion Ratio Lower Upper

128 100

129 11.5 9.9 14.9

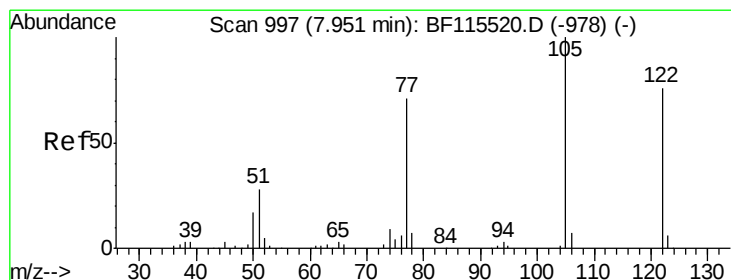
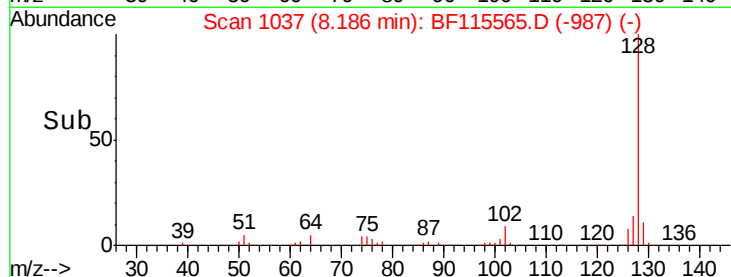
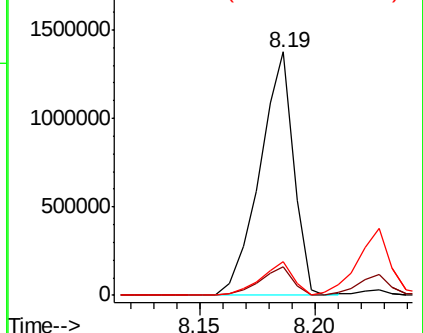
127 14.0 12.1 18.1



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: 42.272 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

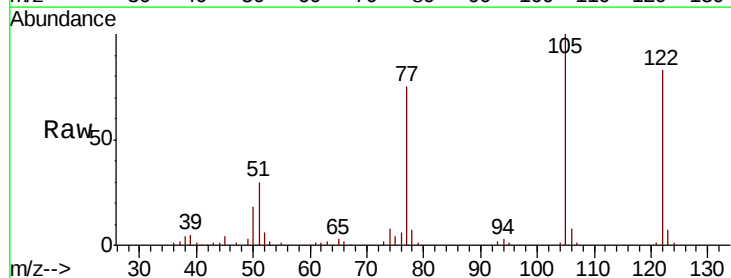
Tgt Ion:122 Resp: 325222

Ion Ratio Lower Upper

122 100

105 119.8 102.5 142.5

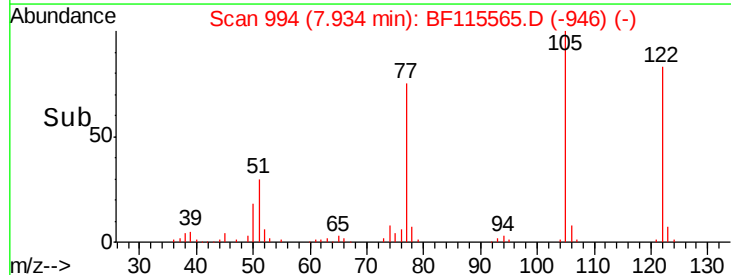
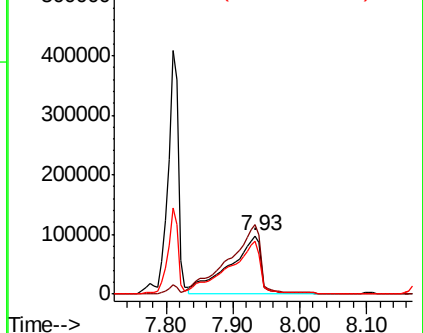
77 90.2 70.2 110.2



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

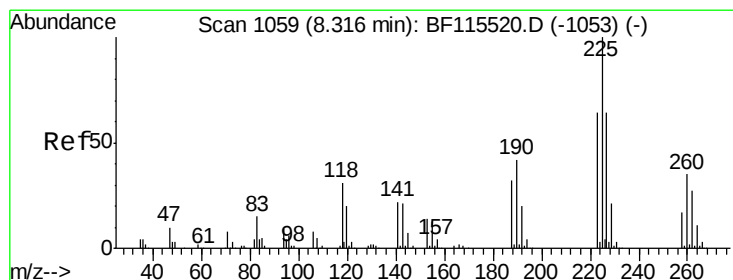
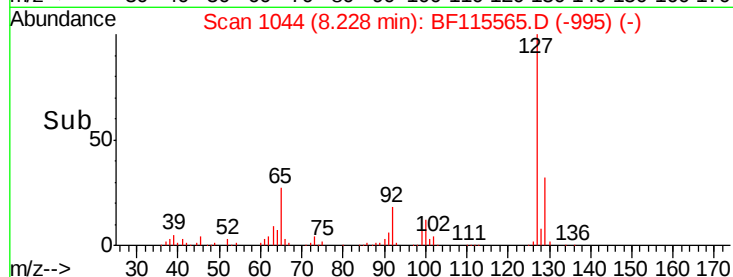
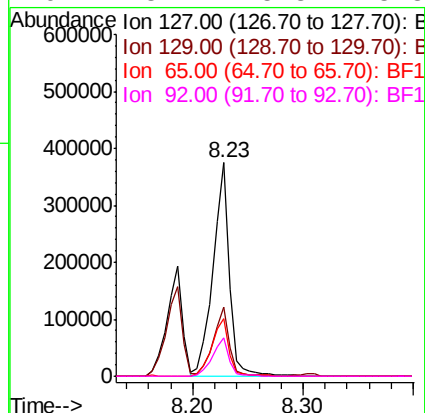
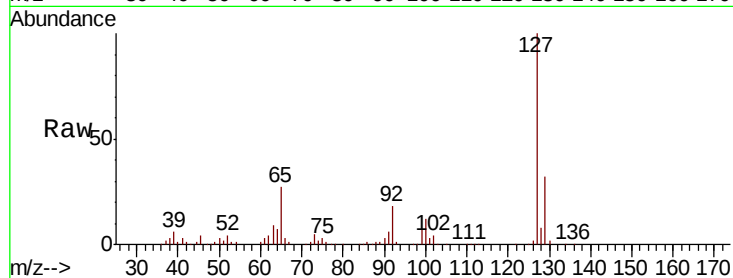




#33
4-Chloroaniline
Concen: 26.981 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

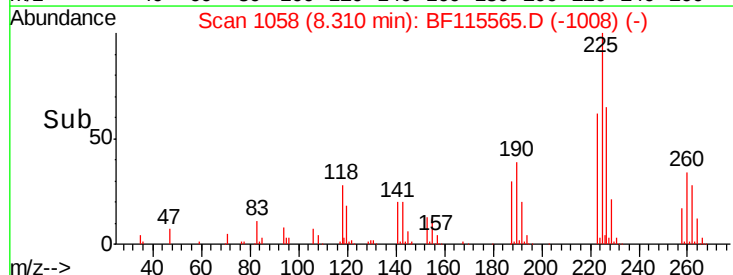
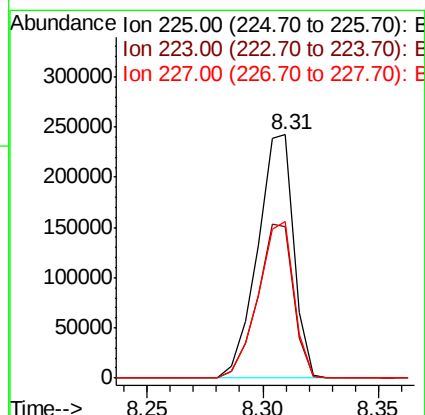
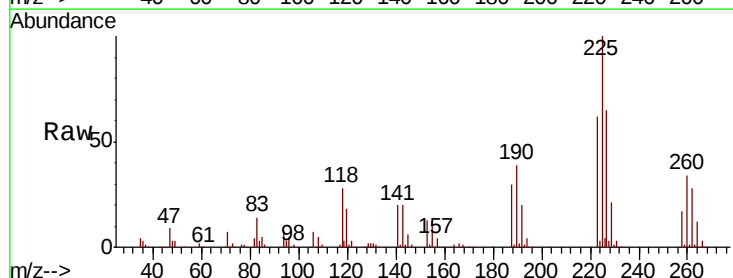
Instrument :
BNA_F
ClientSampleId :
PB121220BSD

Tot Ion:	127	Resp:	379829
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	39.8
65	27.2	23.7	35.5
92	18.1	15.8	23.8



#34
Hexachlorobutadiene
Concen: 41.909 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Tgt Ion:	225	Resp:	264865
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.9	76.3
227	64.5	50.7	76.1

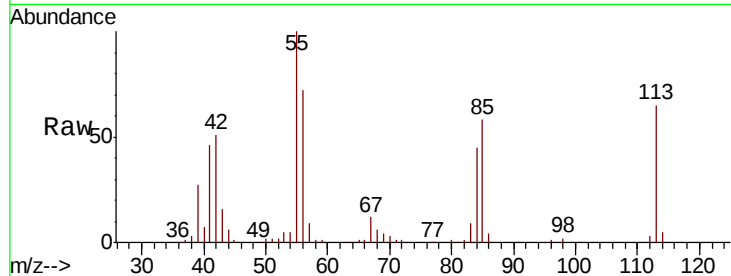




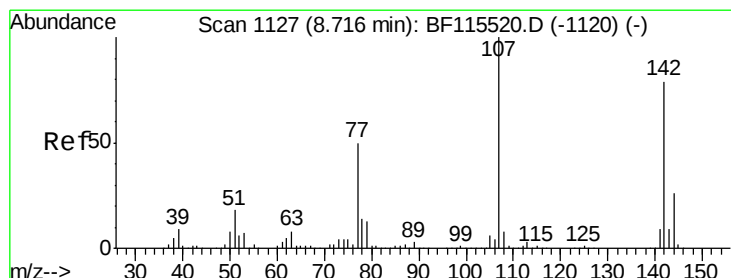
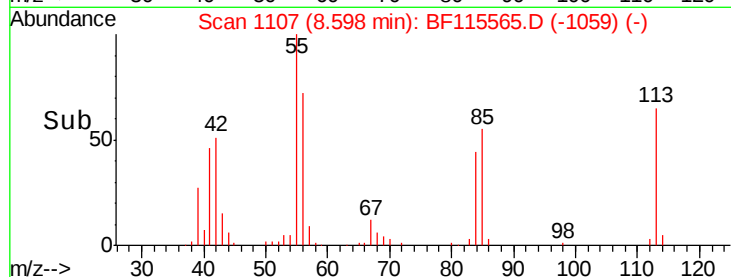
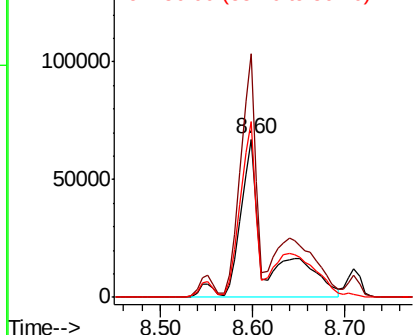
#35
 Caprolactam
 Concen: 46.128 ng/ml
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF115565.D
 Acq: 15 Jul 2019 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB121220BSD

Tot Ion:113 Resp: 138976
 Ion Ratio Lower Upper
 113 100
 55 154.1 126.9 166.9
 56 111.2 90.3 130.3

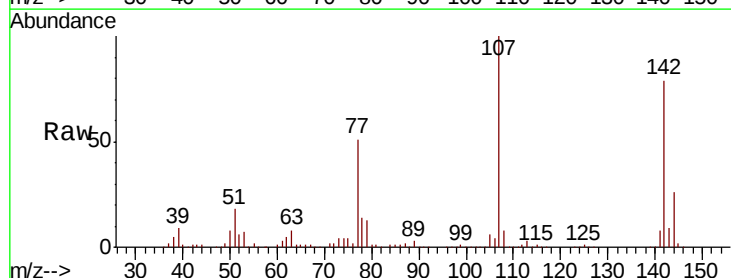


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

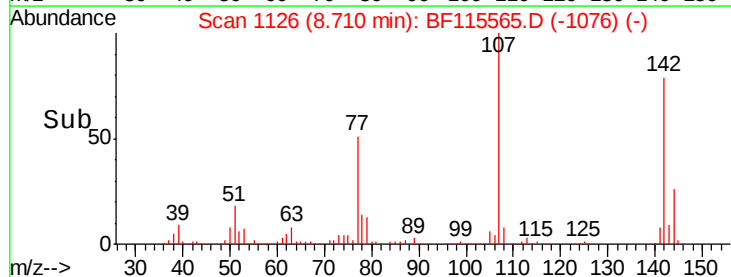
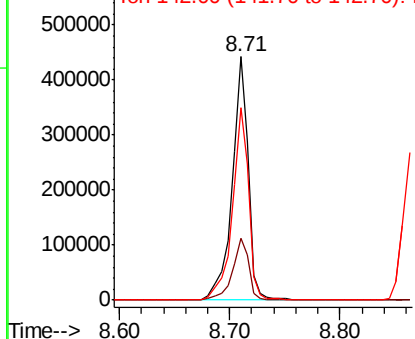


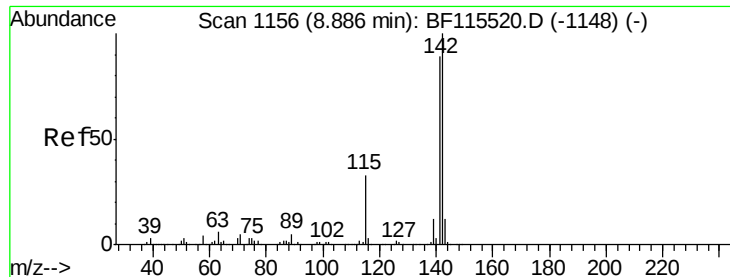
#36
 4-Chloro-3-methylphenol
 Concen: 44.637 ng/ml
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF115565.D
 Acq: 15 Jul 2019 19:13

Tgt Ion:107 Resp: 451440
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.6 30.8
 142 79.2 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

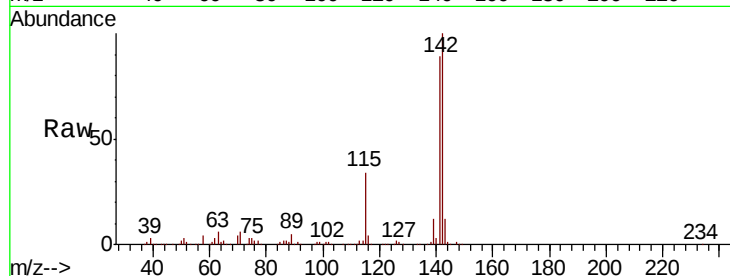




#37
2-Methylnaphthalene
Concen: 45.588 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Instrument :
BNA_F
ClientSampleId :
PB121220BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.0	108.0
115	34.3	29.9	44.9

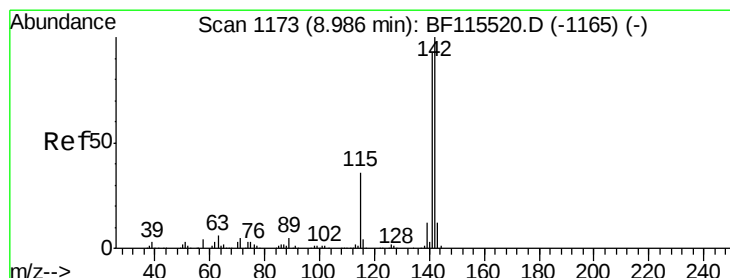
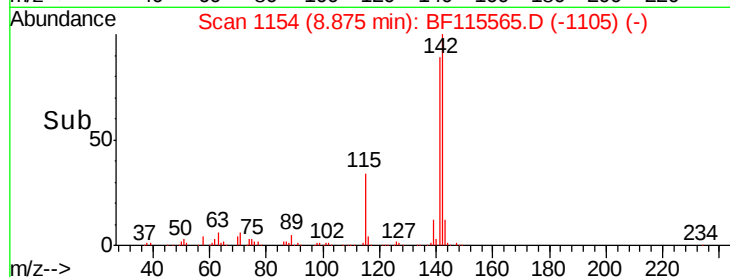
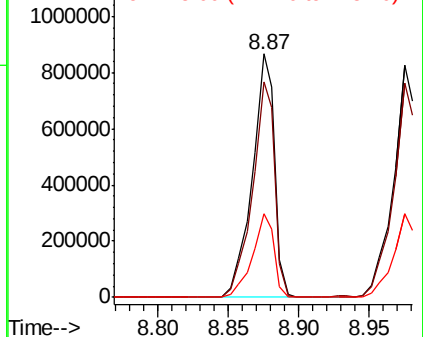


Abundance

Ion 142.00 (141.70 to 142.70): E

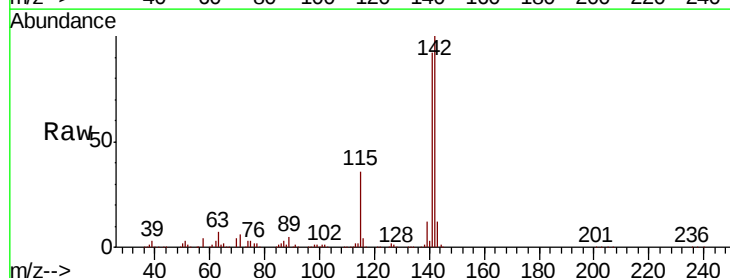
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.855 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	75.3	112.9
116	3.8	3.3	4.9

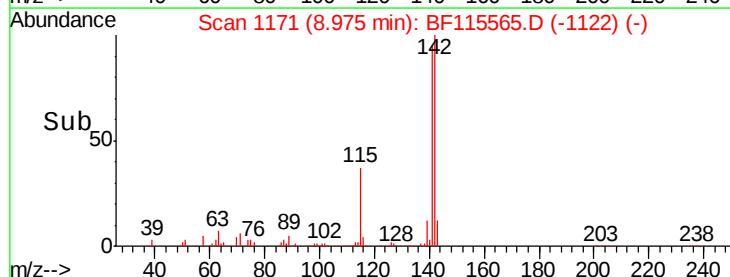
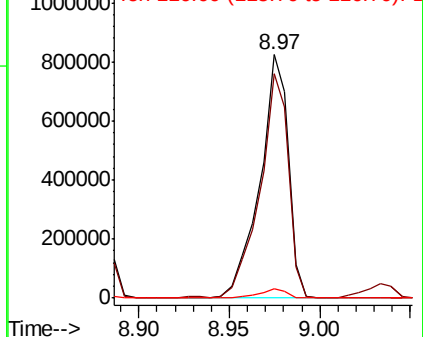


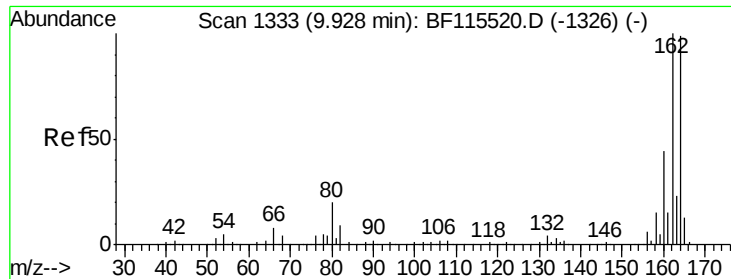
Abundance

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

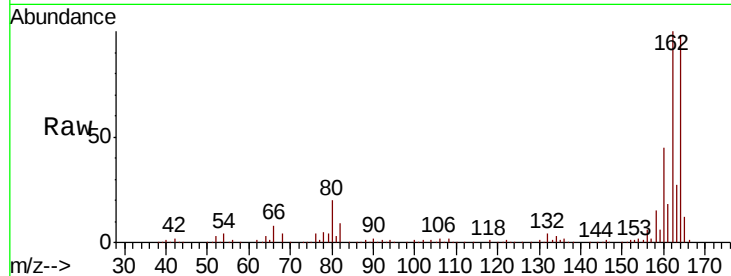




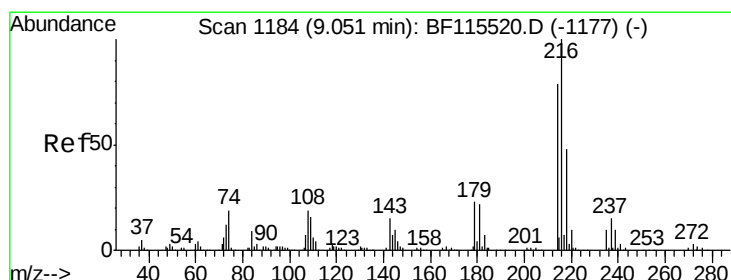
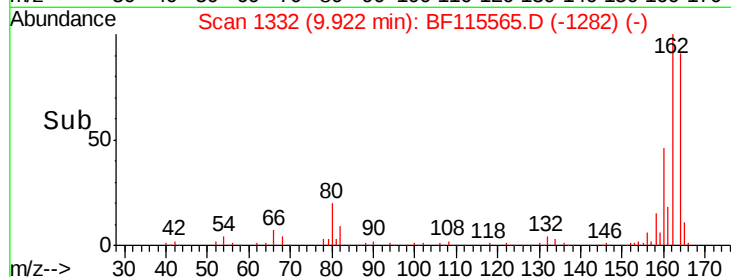
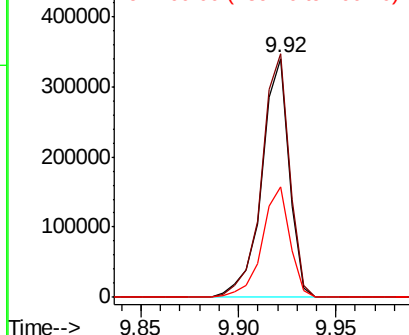
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Instrument :
BNA_F
ClientSampleId :
PB121220BSD

Tot Ion:164 Resp: 330468
Ion Ratio Lower Upper
164 100
162 102.1 82.9 124.3
160 46.3 36.8 55.2

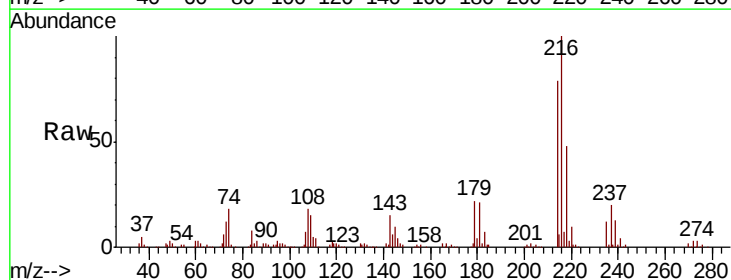


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

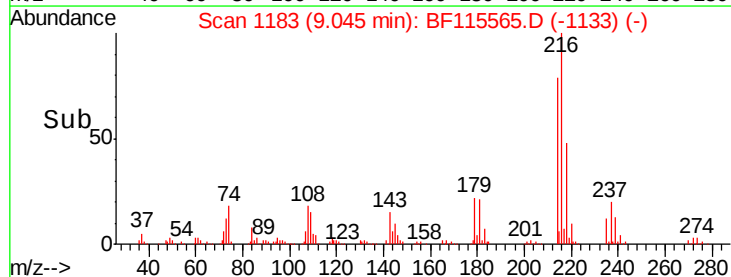
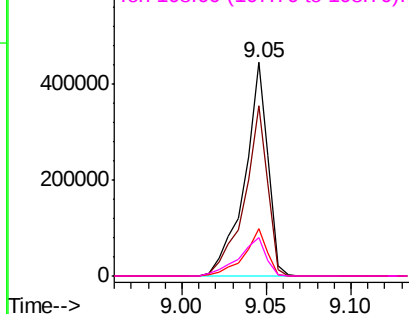


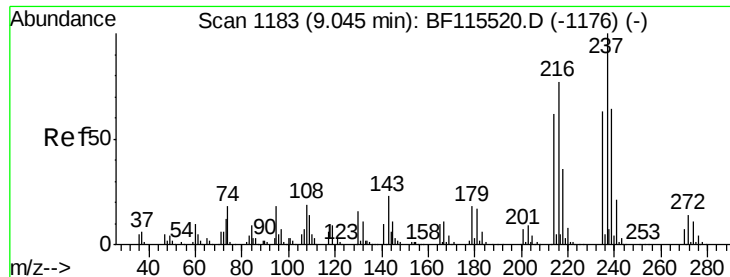
#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.157 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Tgt Ion:216 Resp: 429484
Ion Ratio Lower Upper
216 100
214 79.1 65.1 97.7
179 21.8 18.3 27.5
108 20.6 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: 80.009 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

Instrument :

BNA_F

ClientSampleId :

PB121220BSD

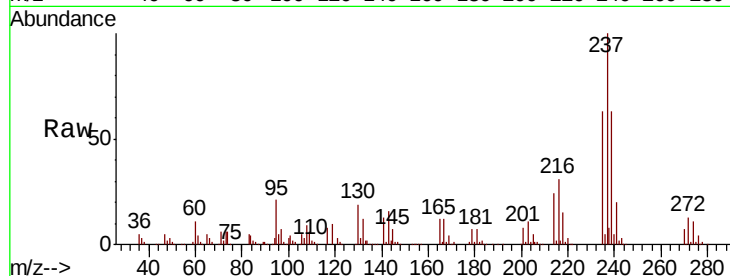
Tot Ion:237 Resp: 454191

Ion Ratio Lower Upper

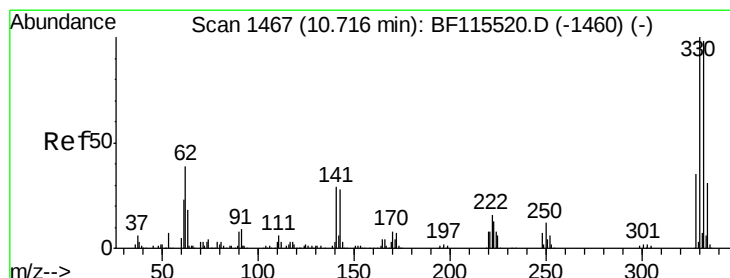
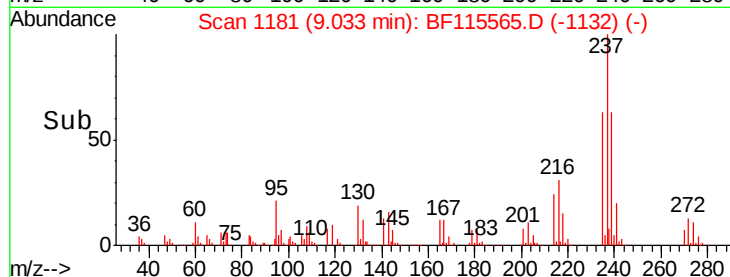
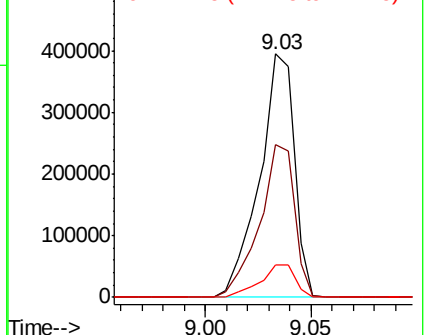
237 100

235 62.9 43.6 83.6

272 13.2 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: 126.976 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

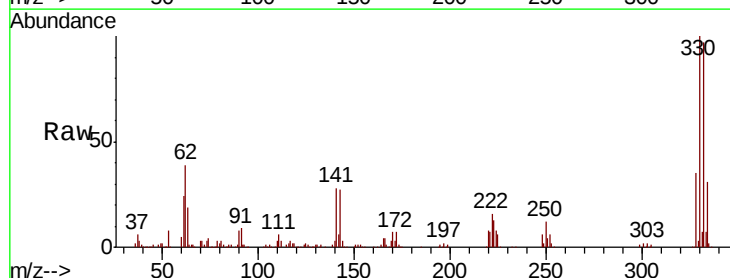
Tgt Ion:330 Resp: 489794

Ion Ratio Lower Upper

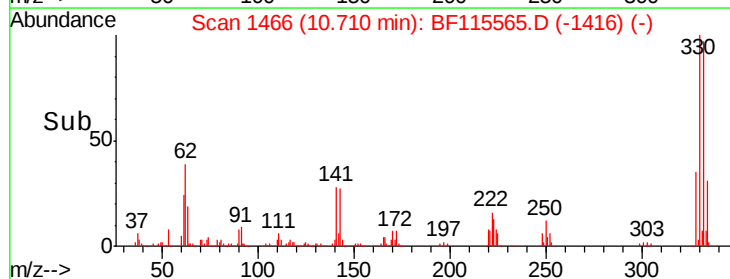
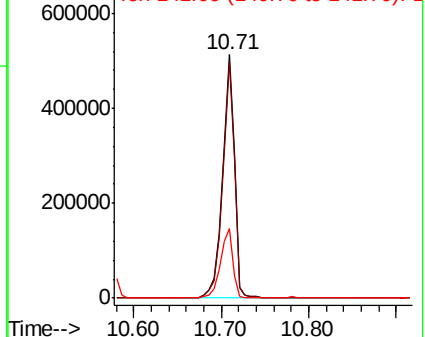
330 100

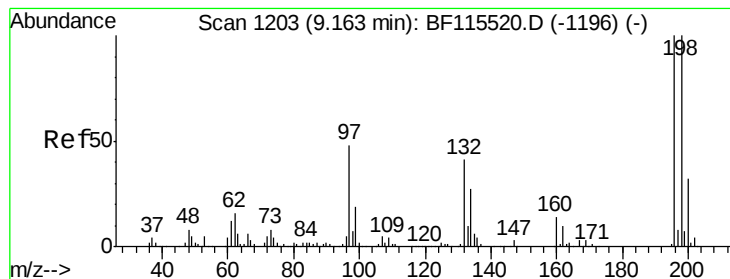
332 95.9 77.4 116.2

141 29.7 22.4 33.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 43.940 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

Instrument :

BNA_F

ClientSampleId :

PB121220BSD

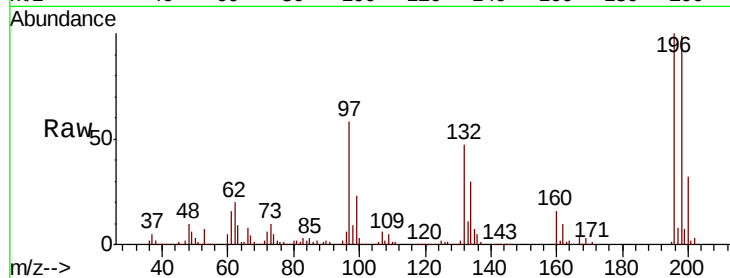
Tot Ion:196 Resp: 319776

Ion Ratio Lower Upper

196 100

198 99.2 80.6 121.0

200 31.7 25.8 38.6

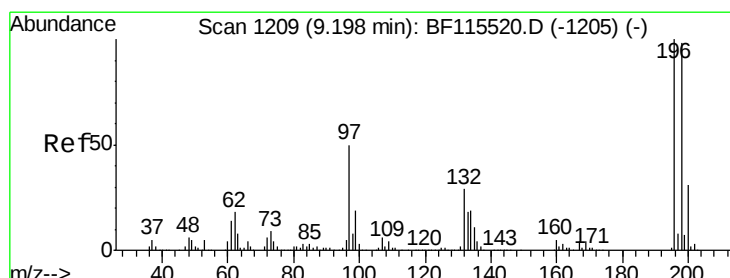
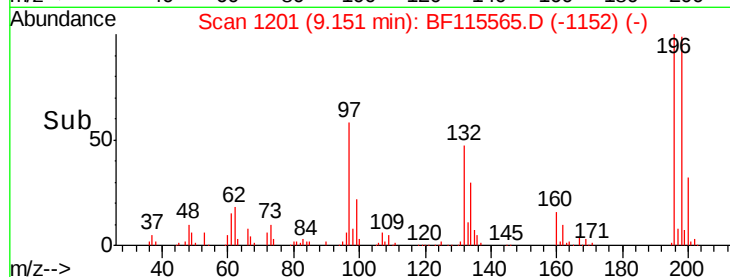
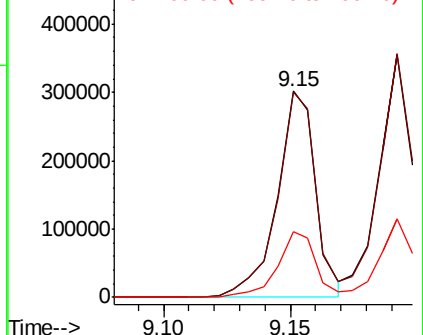


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 43.957 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

Tgt Ion:196 Resp: 327605

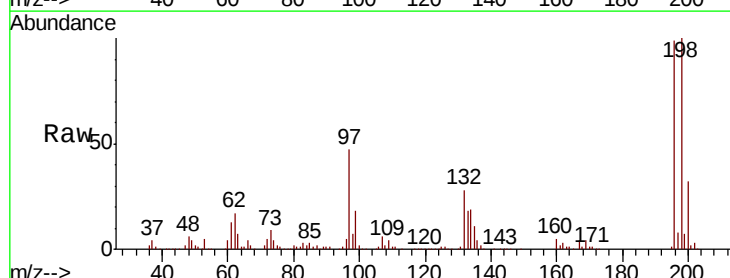
Ion Ratio Lower Upper

196 100

198 100.6 79.6 119.4

97 47.6 37.8 56.6

132 28.5 22.8 34.2



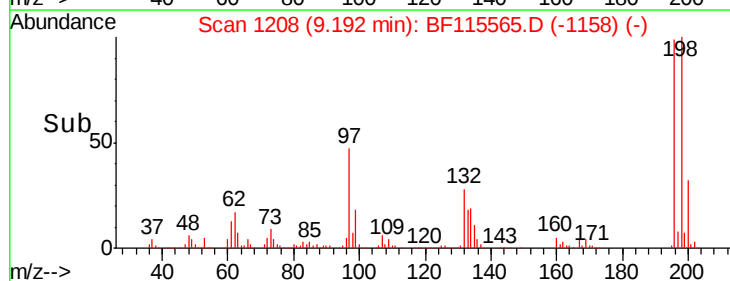
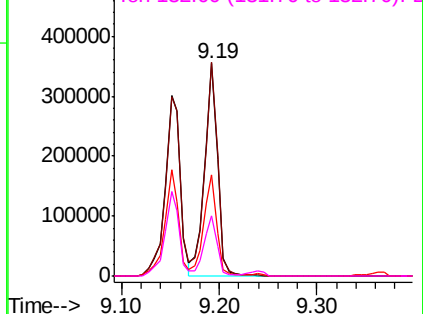
Abundance

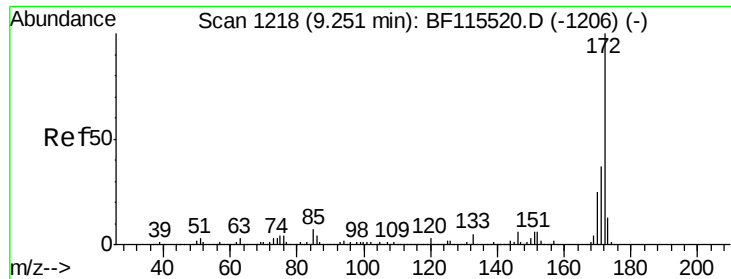
Ion 196.00 (195.70 to 196.70): E

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

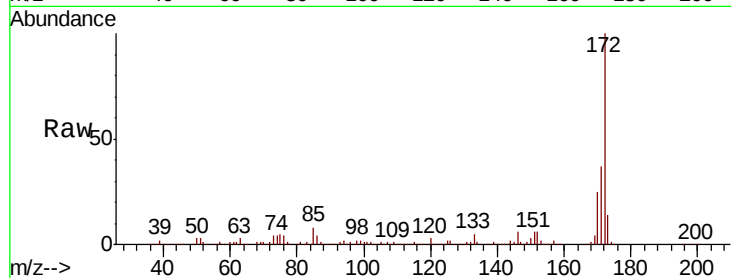




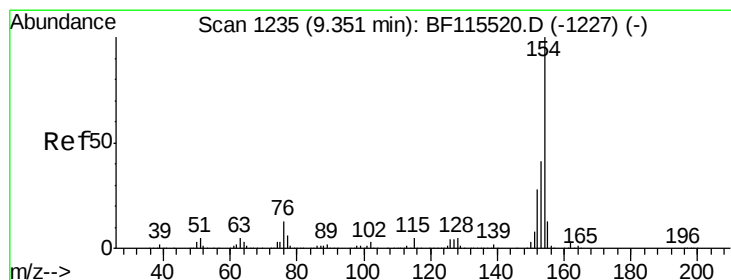
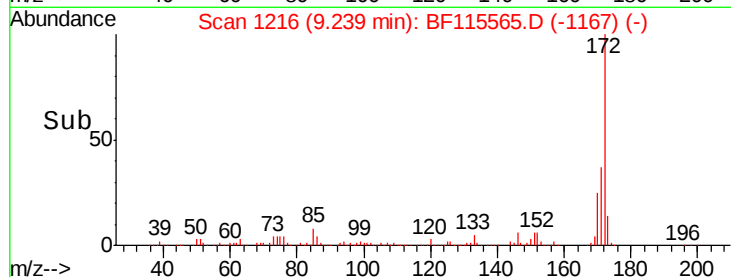
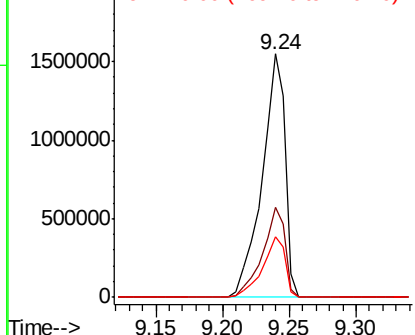
#45
2-Fluorobiphenyl
Concen: 97.413 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Instrument :
BNA_F
ClientSampleId :
PB121220BSD

Tot Ion:172 Resp: 1839233
Ion Ratio Lower Upper
172 100
171 36.8 30.6 46.0
170 25.0 20.5 30.7

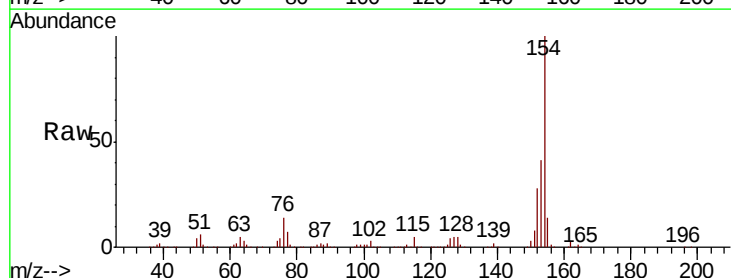


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

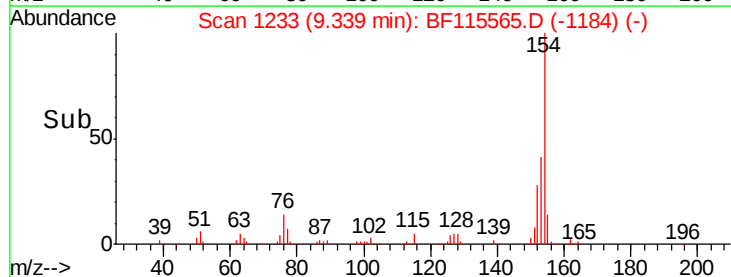
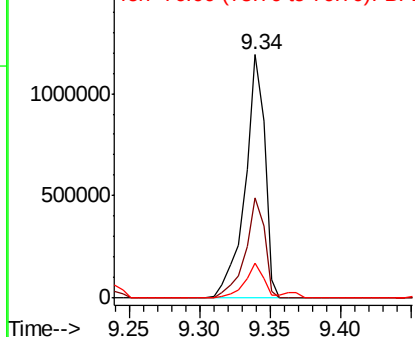


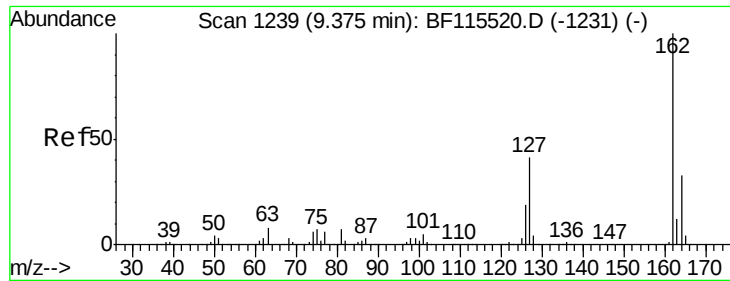
#46
1,1'-Biphenyl
Concen: 44.890 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Tgt Ion:154 Resp: 1159773
Ion Ratio Lower Upper
154 100
153 41.2 22.6 62.6
76 14.3 0.0 33.4



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

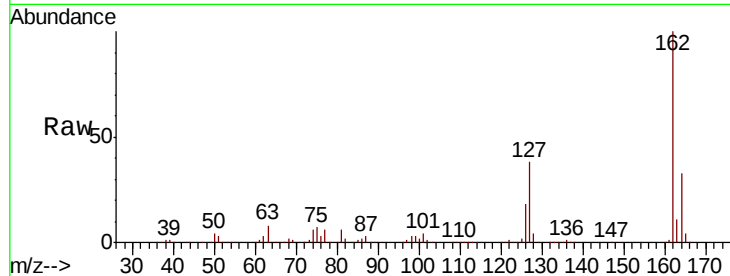




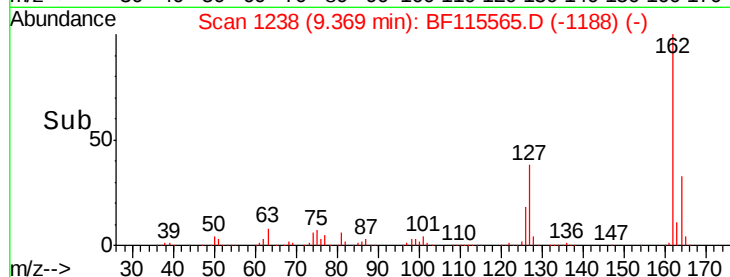
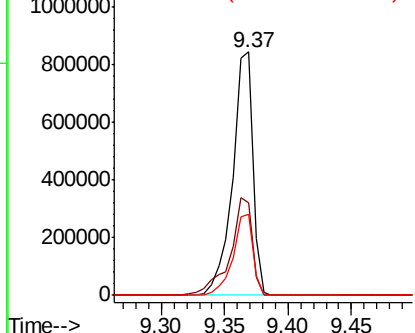
#47
 2-Chloronaphthalene
 Concen: 43.139 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115565.D
 Acq: 15 Jul 2019 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB121220BSD

Tot Ion:162 Resp: 928021
 Ion Ratio Lower Upper
 162 100
 127 38.0 34.1 51.1
 164 33.4 27.4 41.2

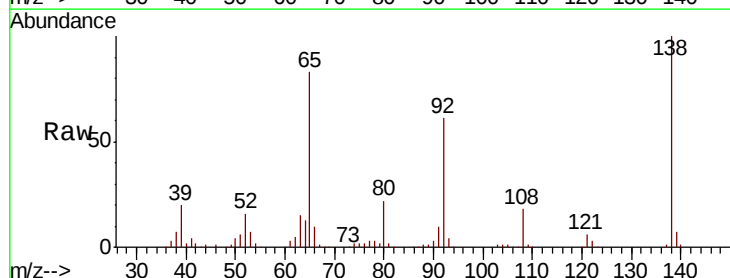


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

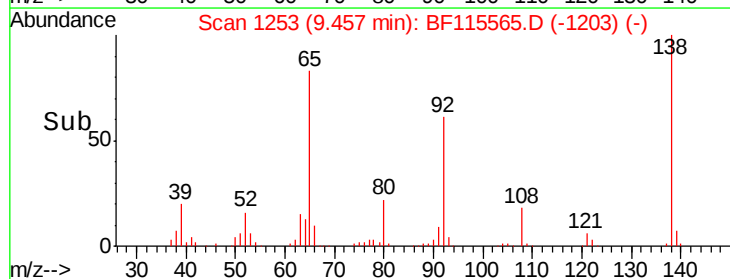
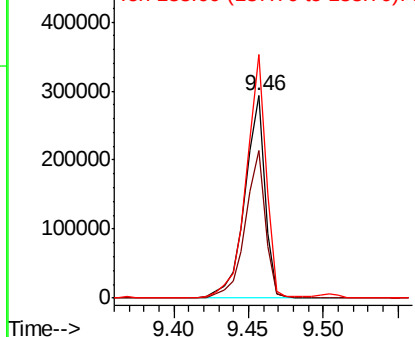


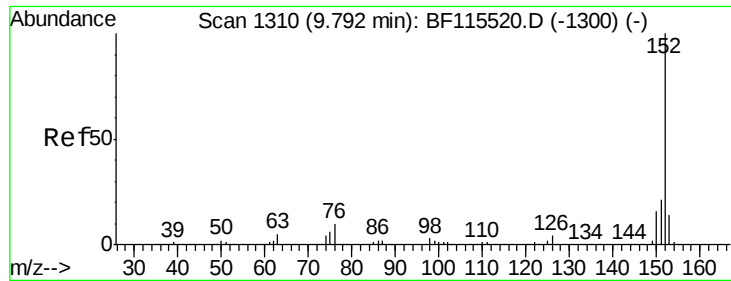
#48
 2-Nitroaniline
 Concen: 41.232 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115565.D
 Acq: 15 Jul 2019 19:13

Tgt Ion: 65 Resp: 274538
 Ion Ratio Lower Upper
 65 100
 92 73.0 57.8 86.6
 138 120.4 91.2 136.8



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





#49

Acenaphthylene

Concen: 44.677 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

Instrument :

BNA_F

ClientSampleId :

PB121220BSD

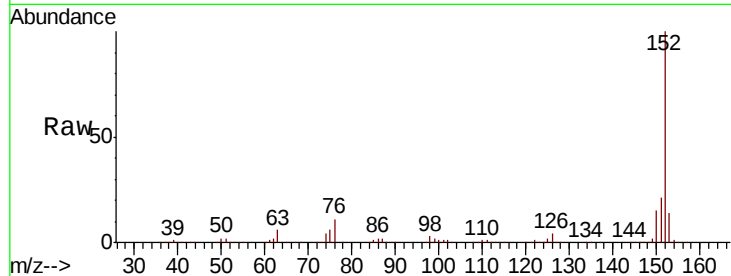
Tot Ion:152 Resp: 1424099

Ion Ratio Lower Upper

152 100

151 20.7 17.7 26.5

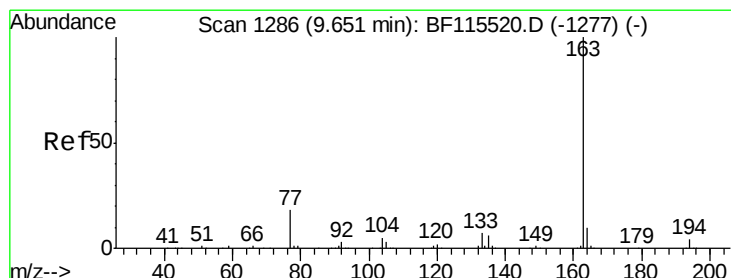
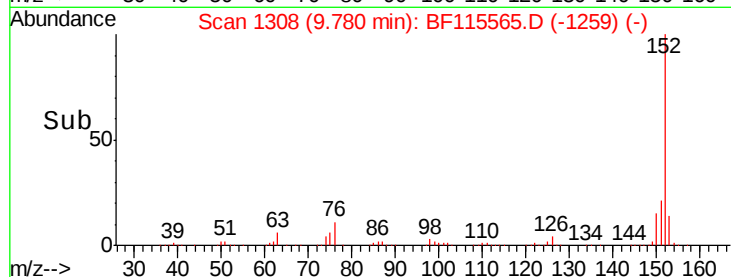
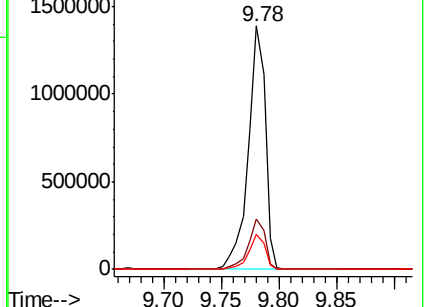
153 14.2 12.0 18.0



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: 43.512 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

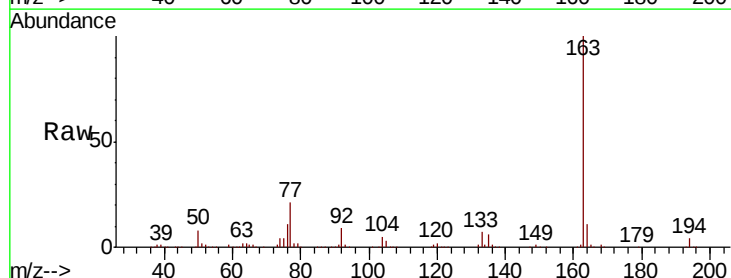
Tgt Ion:163 Resp: 1081860

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

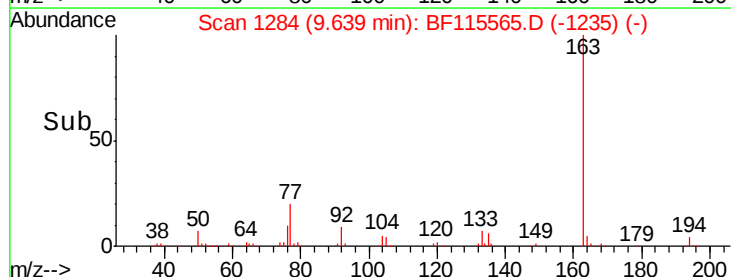
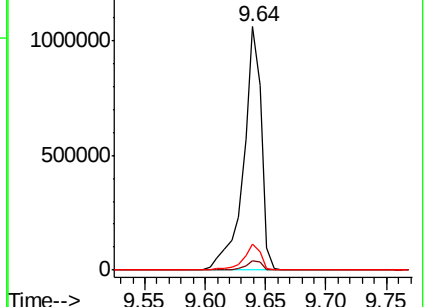
164 10.7 8.7 13.1

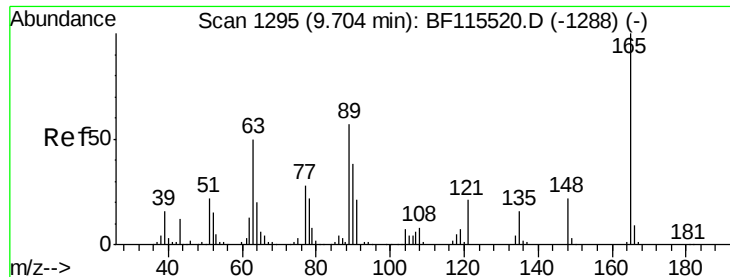


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

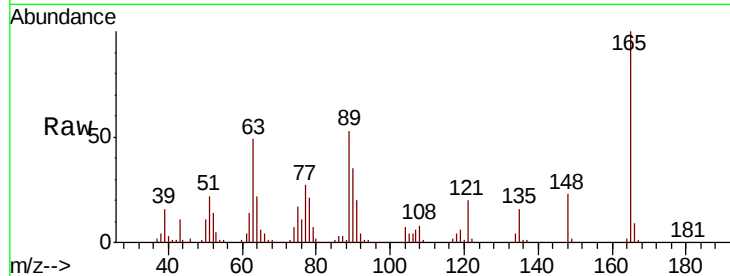




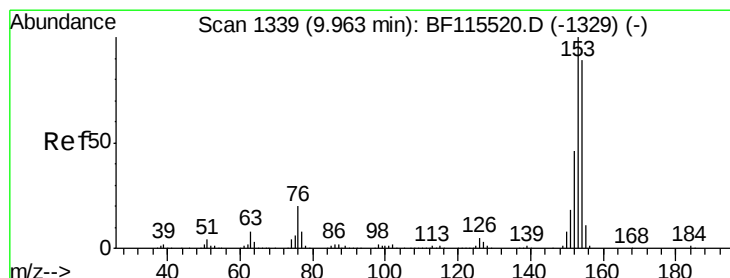
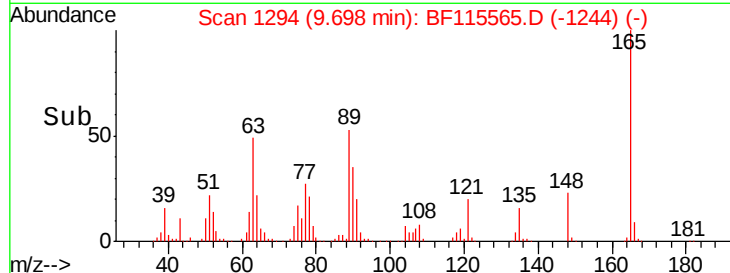
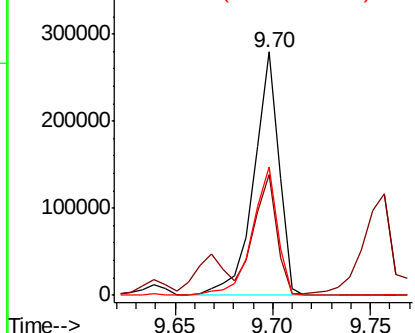
#51
2,6-Dinitrotoluene
Concen: 44.124 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Instrument :
BNA_F
ClientSampleId :
PB121220BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.5	40.6	61.0
89	52.7	43.9	65.9

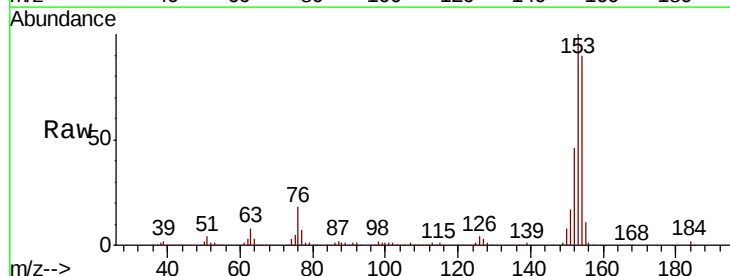


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

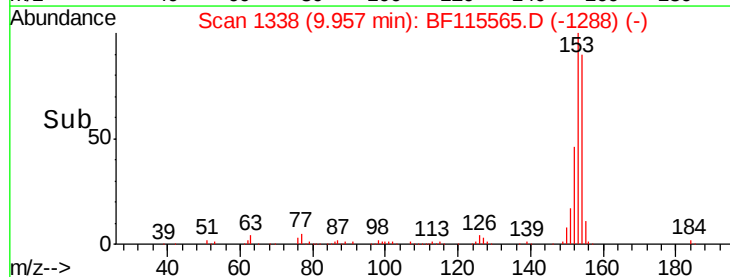
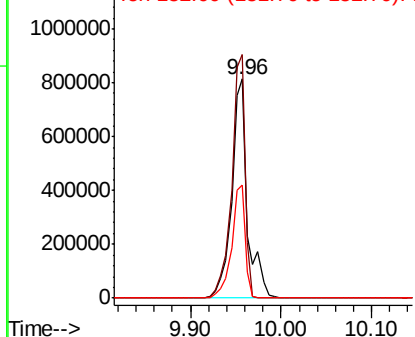


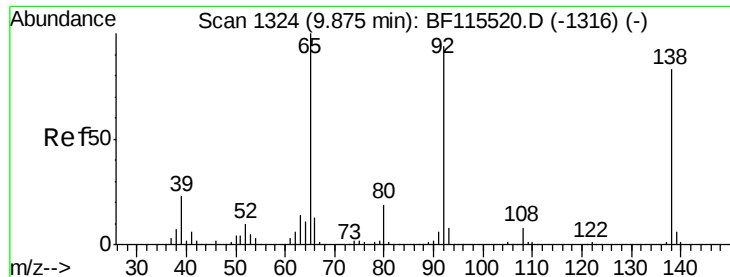
#52
Acenaphthene
Concen: 47.947 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	88.6	133.0
152	51.5	42.3	63.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

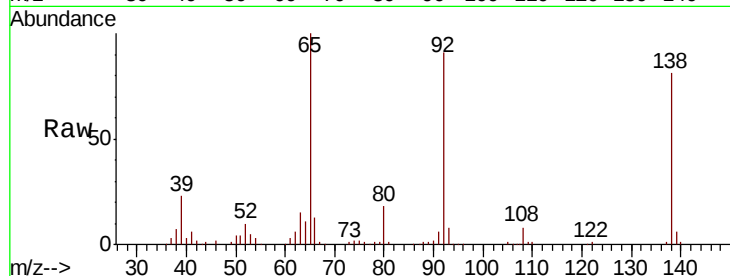




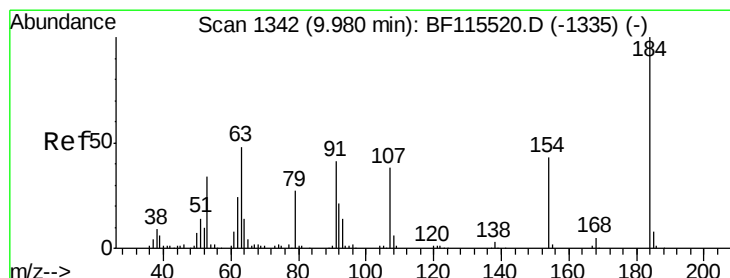
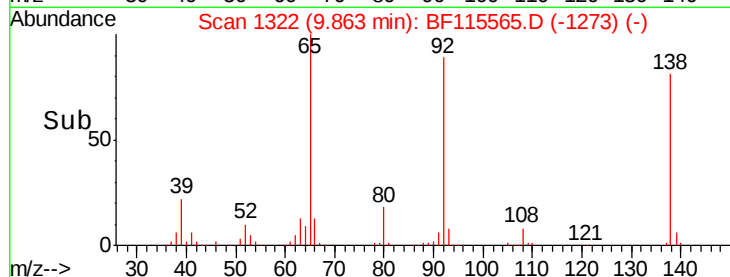
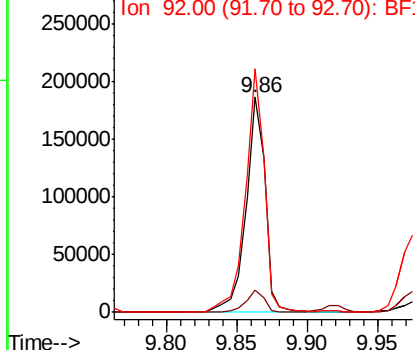
#53
3-Nitroaniline
Concen: 27.516 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Instrument :
BNA_F
ClientSampleId :
PB121220BSD

Tot Ion:138 Resp: 177674
Ion Ratio Lower Upper
138 100
108 10.2 8.4 12.6
92 113.1 88.0 132.0

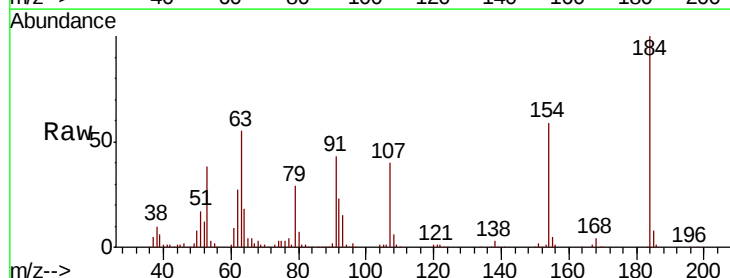


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

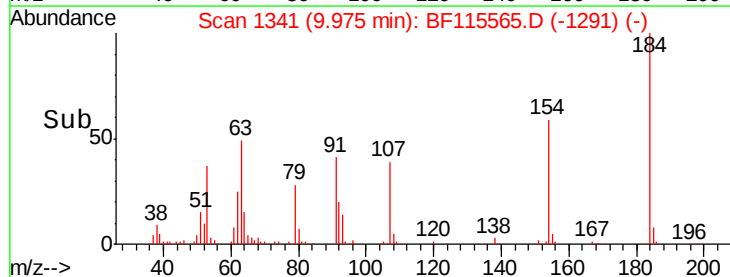
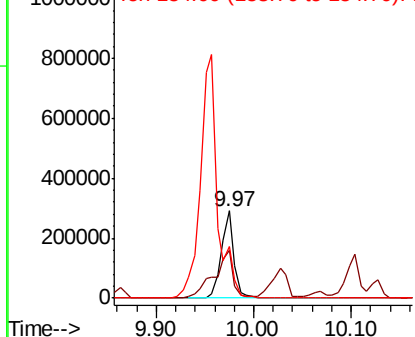


#54
2,4-Dinitrophenol
Concen: 89.759 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Tgt Ion:184 Resp: 260391
Ion Ratio Lower Upper
184 100
63 54.8 48.7 73.1
154 58.9 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

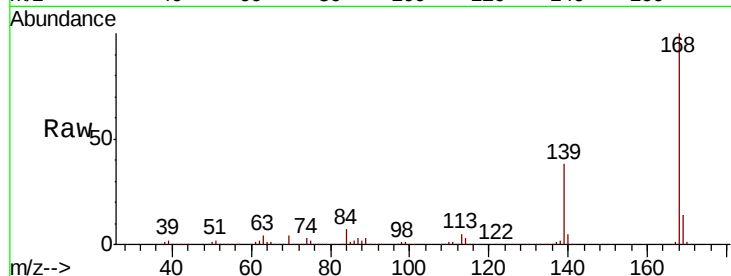




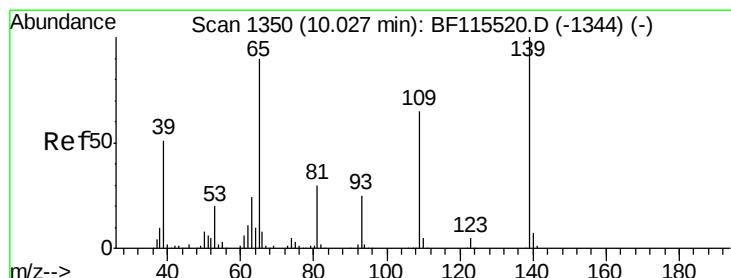
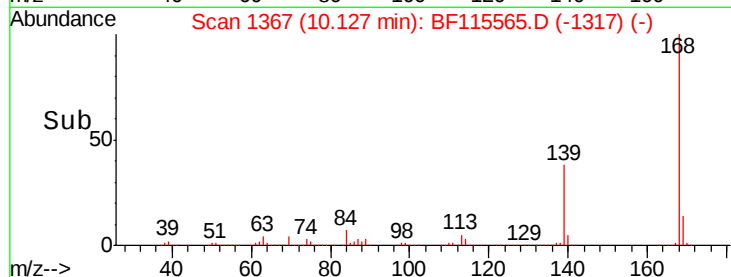
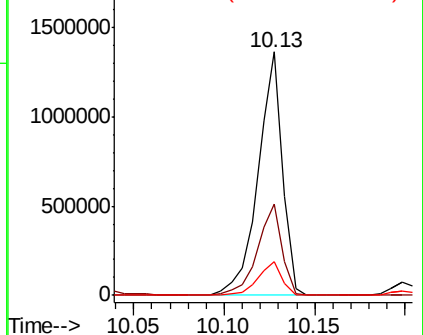
#55
Dibenzenofuran
Concen: 43.476 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Instrument :
BNA_F
ClientSampleId :
PB121220BSD

Tot Ion:168 Resp: 1270607
Ion Ratio Lower Upper
168 100
139 37.7 31.1 46.7
169 13.8 11.1 16.7

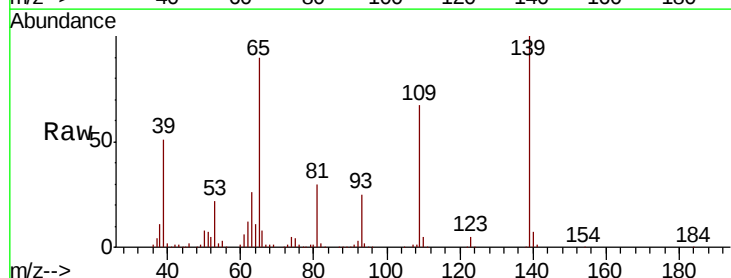


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

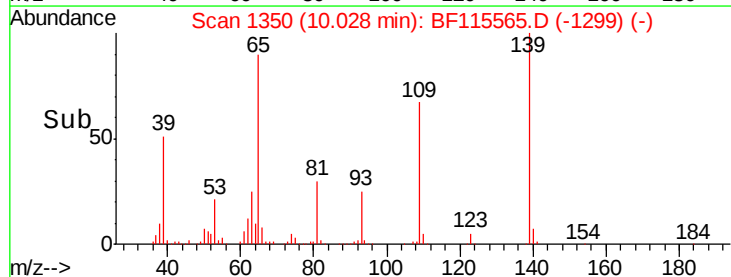
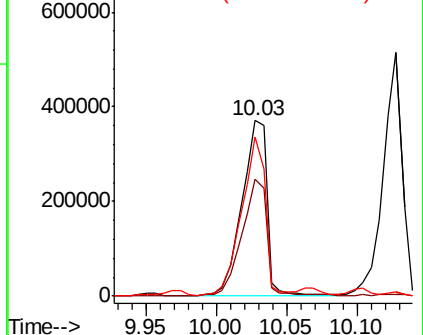


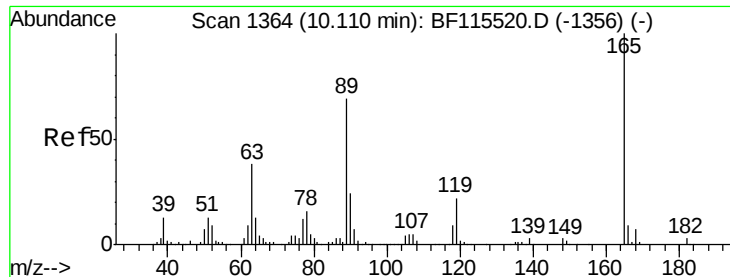
#56
4-Nitrophenol
Concen: 93.677 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Tgt Ion:139 Resp: 461245
Ion Ratio Lower Upper
139 100
109 66.8 46.4 86.4
65 90.5 68.9 108.9



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

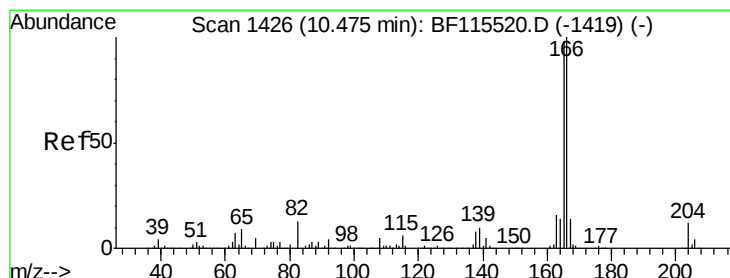
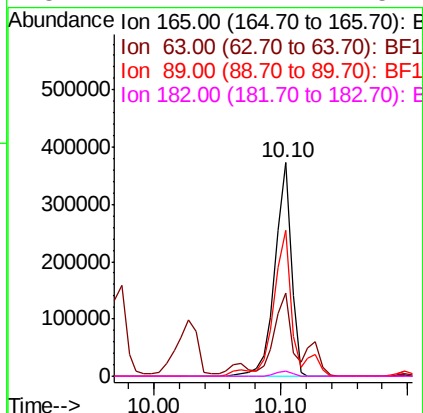
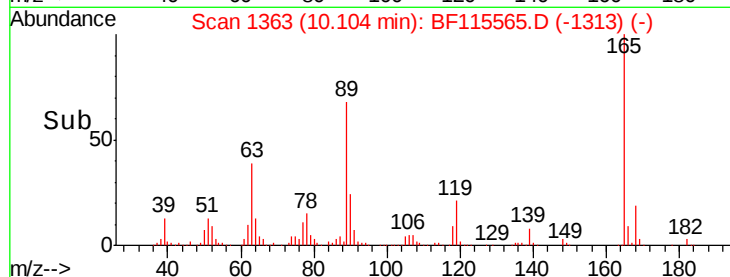
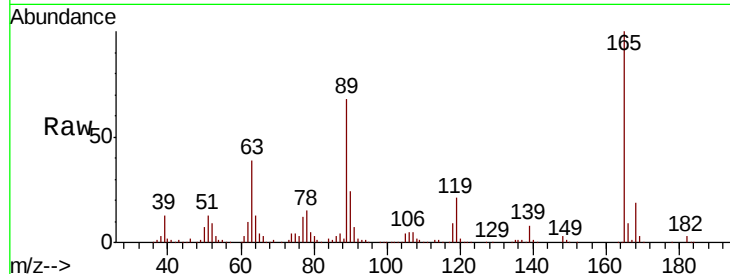




#57
2,4-Dinitrotoluene
Concen: 45.514 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

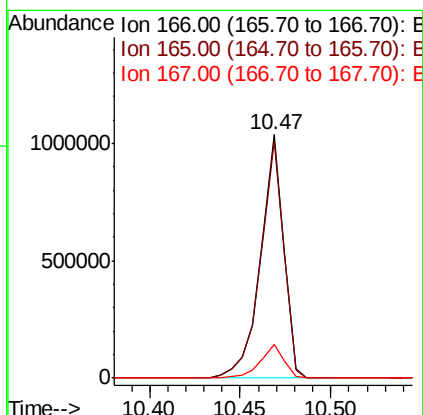
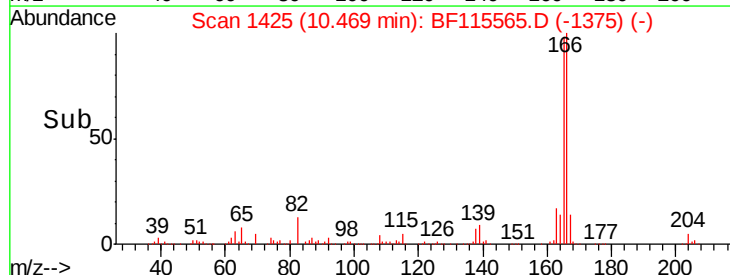
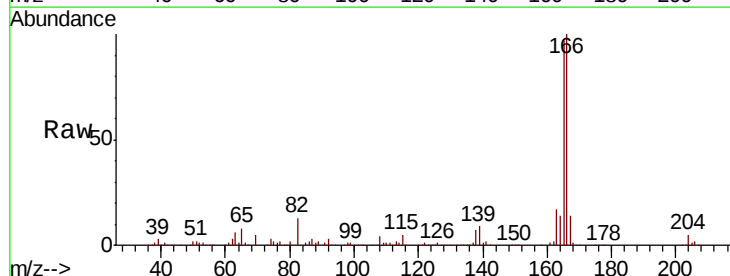
Instrument :
BNA_F
ClientSampleId :
PB121220BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.9	34.9	52.3
89	68.3	57.5	86.3
182	2.7	2.2	3.4



#58
Fluorene
Concen: 44.411 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.8	119.6
167	13.6	11.2	16.8

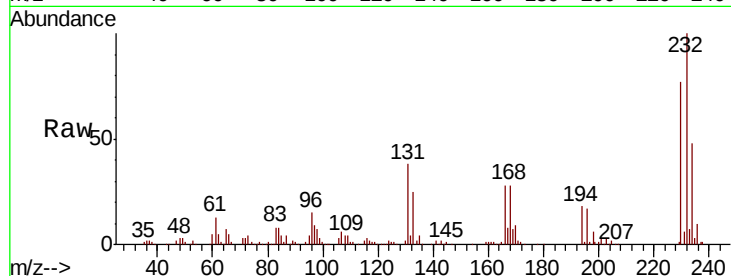




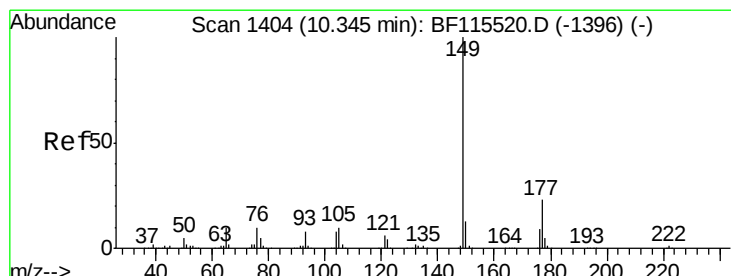
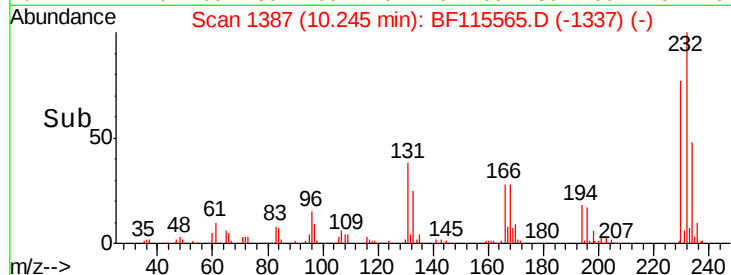
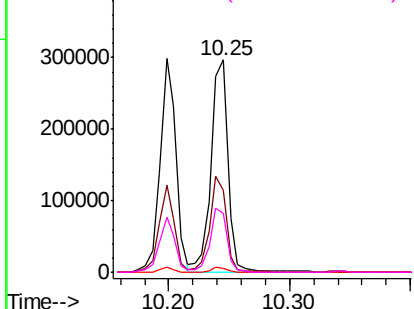
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.916 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF115565.D
 Acq: 15 Jul 2019 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB121220BSD

Tot Ion:232 Resp: 286065
 Ion Ratio Lower Upper
 232 100
 131 43.8 35.9 53.9
 130 2.1 1.8 2.6
 166 30.6 24.8 37.2

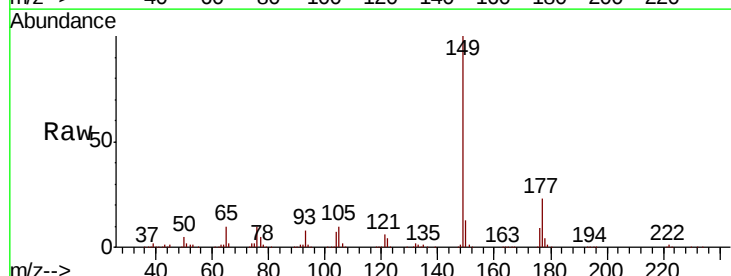


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

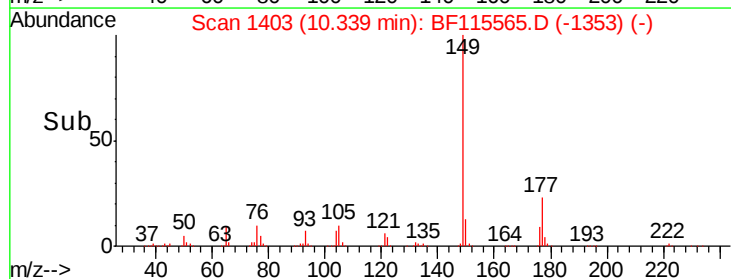
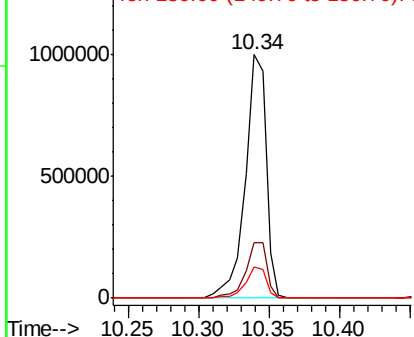


#60
 Diethylphthalate
 Concen: 44.485 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF115565.D
 Acq: 15 Jul 2019 19:13

Tgt Ion:149 Resp: 1036314
 Ion Ratio Lower Upper
 149 100
 177 22.8 19.5 29.3
 150 12.9 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

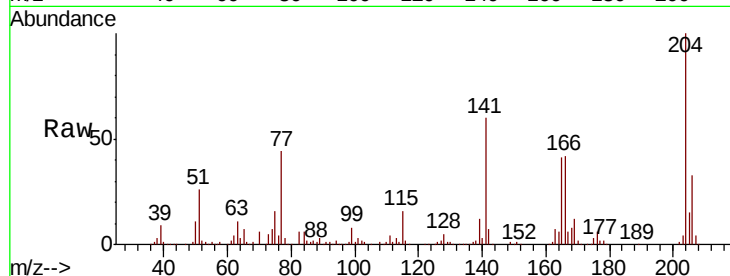




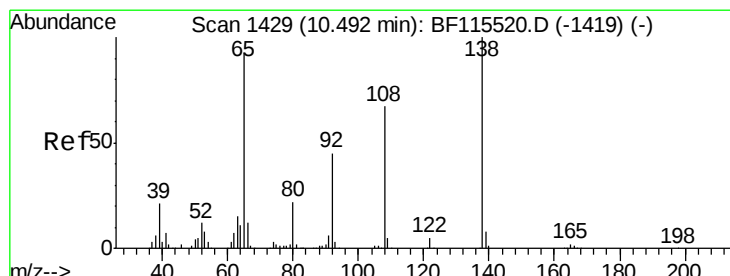
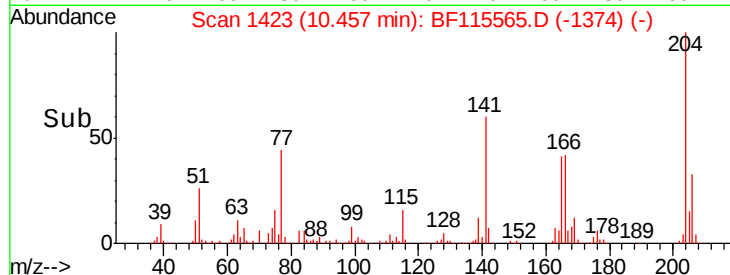
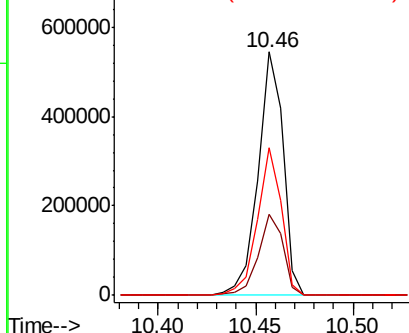
#61
 4-Chlorophenyl-phenylether
 Concen: 41.801 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115565.D
 Acq: 15 Jul 2019 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB121220BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.7	40.1
141	60.5	44.2	66.2

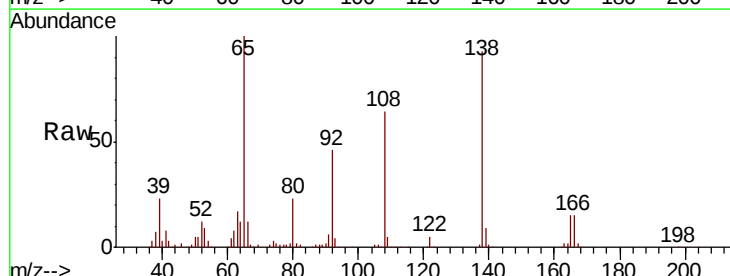


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

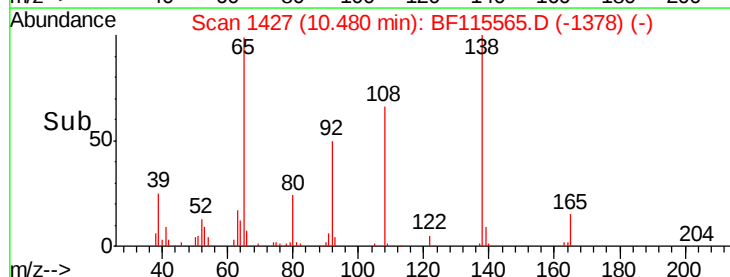
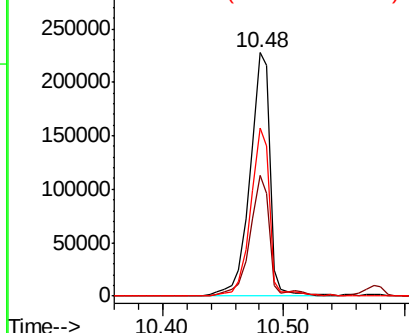


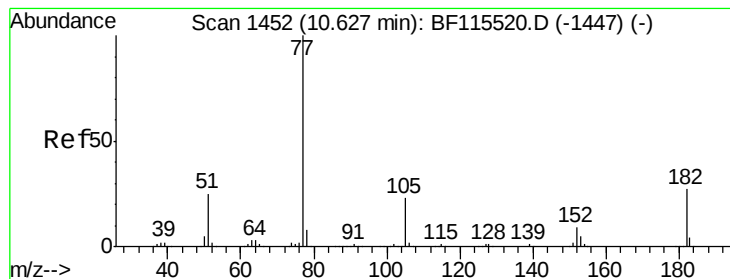
#62
 4-Nitroaniline
 Concen: 42.718 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF115565.D
 Acq: 15 Jul 2019 19:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	27.1	67.1
108	68.8	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: 45.141 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

Instrument :

BNA_F

ClientSampleId :

PB121220BSD

Tot Ion: 77 Resp: 1020027

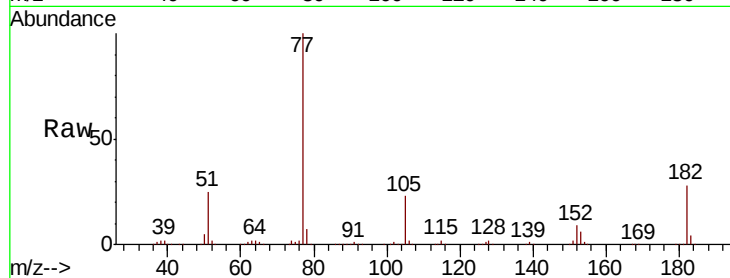
Ion	Ratio	Lower	Upper
77	100		
182	28.2	6.9	46.9
105	23.4	3.9	43.9
51	24.5	7.3	47.3

77 100

182 28.2 6.9 46.9

105 23.4 3.9 43.9

51 24.5 7.3 47.3

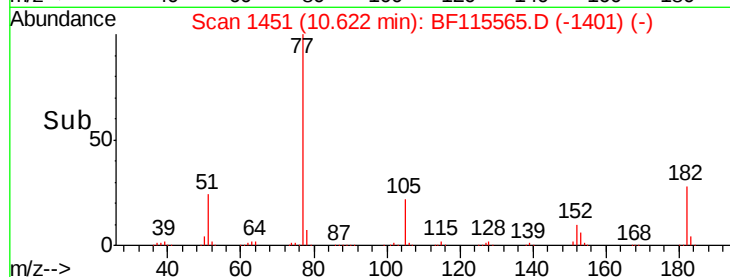


Abundance Ion 77.00 (76.70 to 77.70): BF1

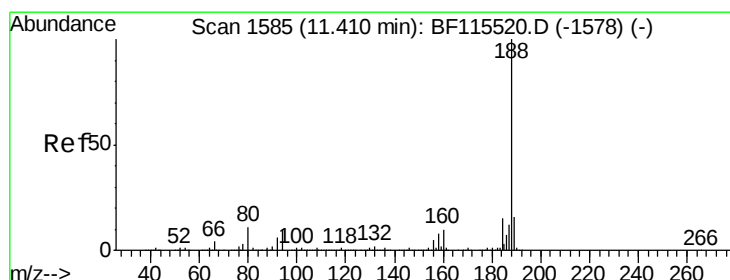
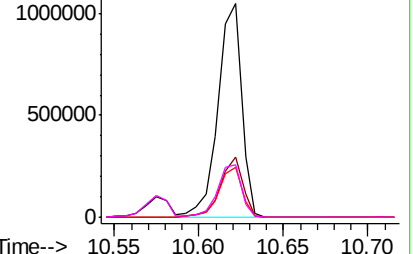
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

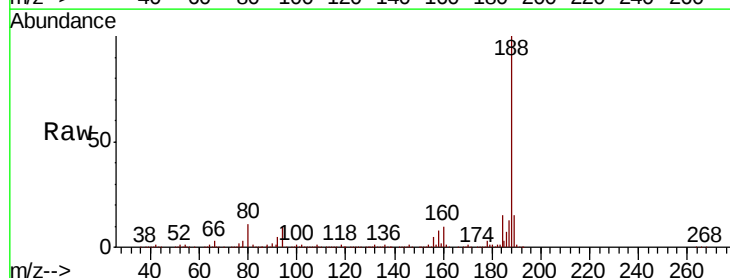
Tgt Ion: 188 Resp: 650832

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.8	11.6
80	10.6	8.6	13.0

188 100

94 9.8 7.8 11.6

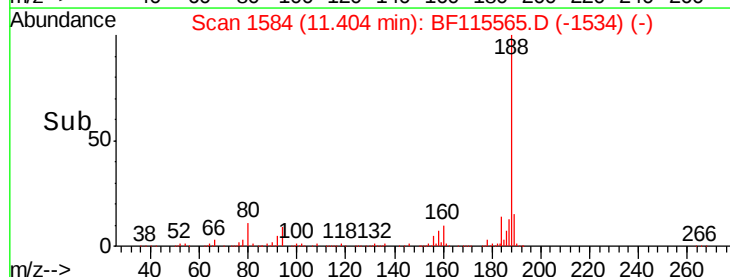
80 10.6 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

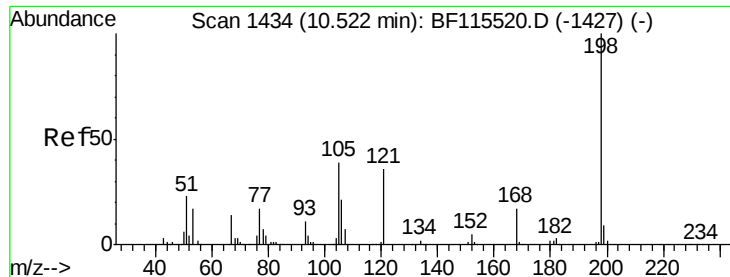
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 44.294 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

Instrument :

BNA_F

ClientSampleId :

PB121220BSD

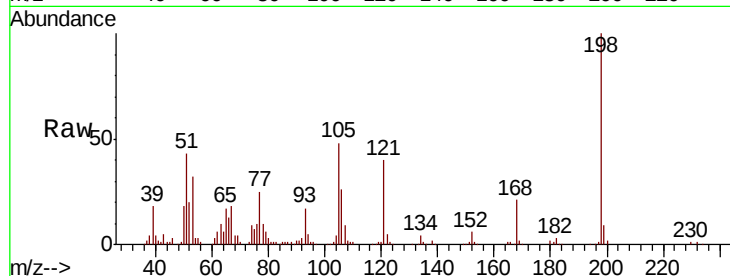
Tot Ion:198 Resp: 176130

Ion Ratio Lower Upper

198 100

51 43.0 19.1 59.1

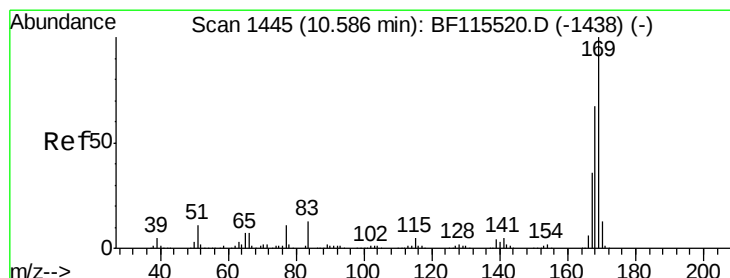
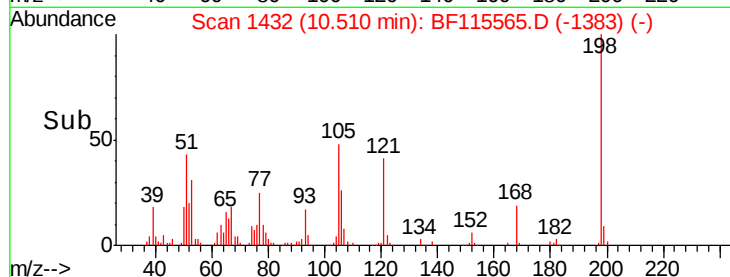
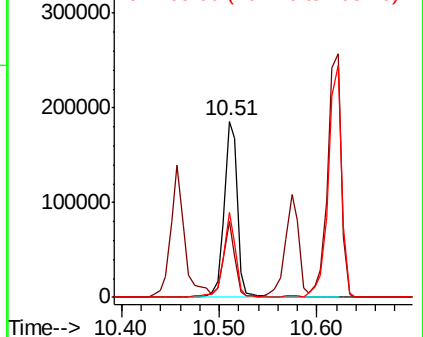
105 48.1 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.586 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

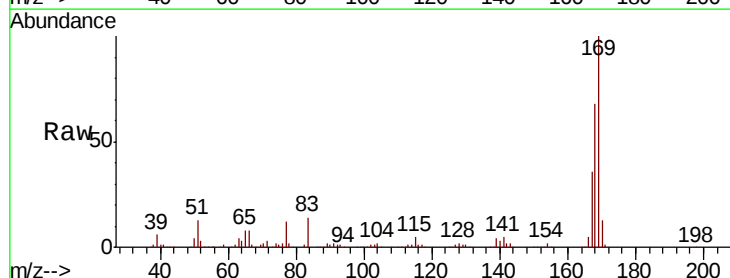
Tgt Ion:169 Resp: 882400

Ion Ratio Lower Upper

169 100

168 67.5 54.3 81.5

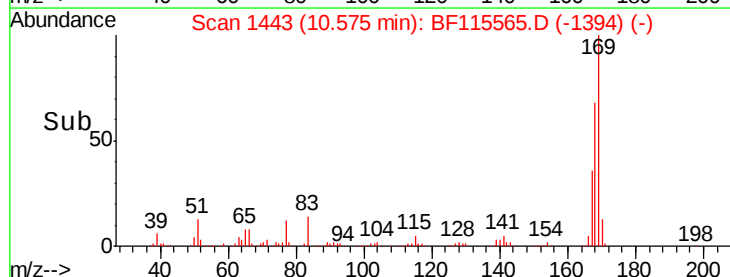
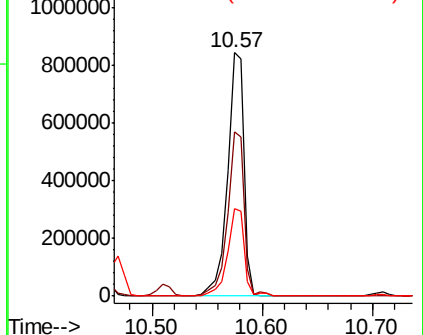
167 35.7 30.2 45.2

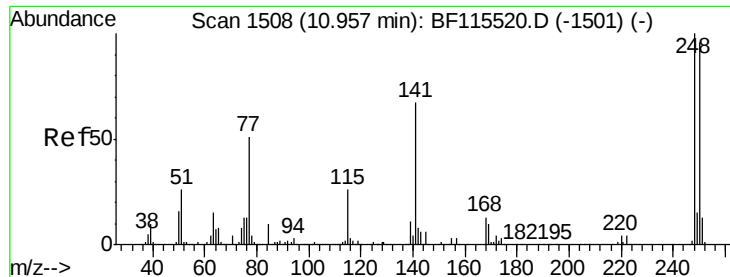


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

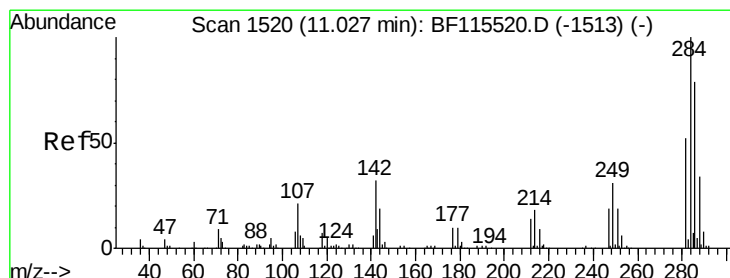
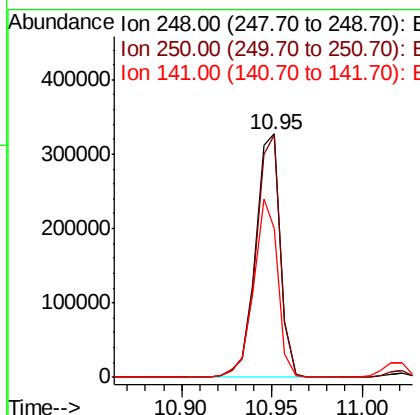
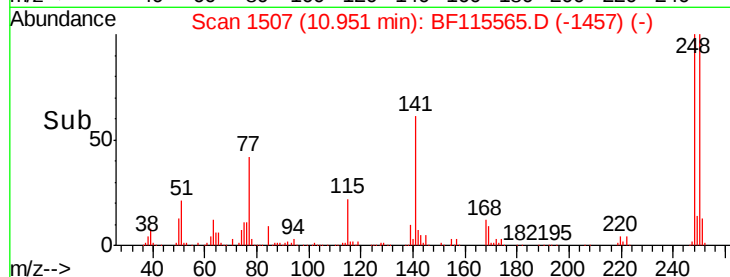
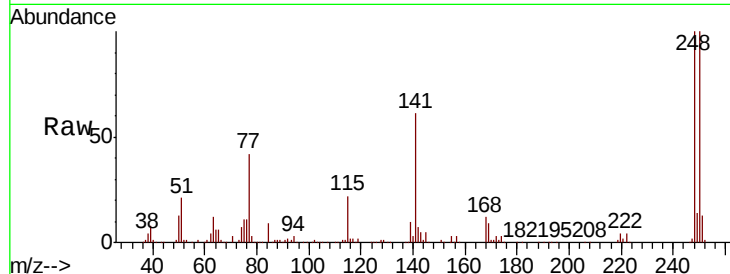




#67
4-Bromophenyl-phenylether
Concen: 41.823 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

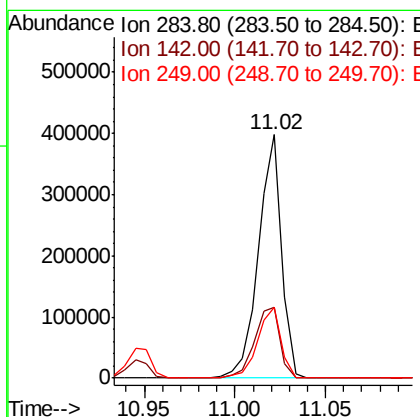
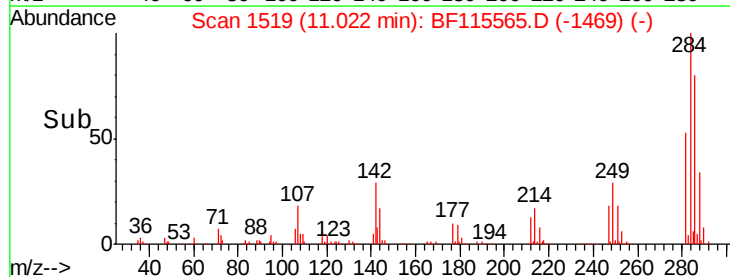
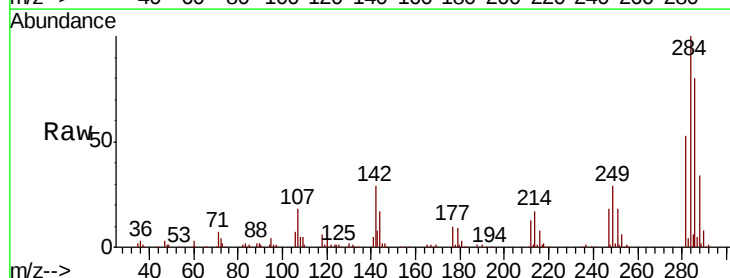
Instrument :
BNA_F
ClientSampleId :
PB121220BSD

Tot Ion:248 Resp: 311055
Ion Ratio Lower Upper
248 100
250 99.5 78.0 117.0
141 61.3 57.7 86.5



#68
Hexachlorobenzene
Concen: 41.540 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Tgt Ion:284 Resp: 352826
Ion Ratio Lower Upper
284 100
142 29.3 22.2 33.2
249 29.2 23.4 35.2

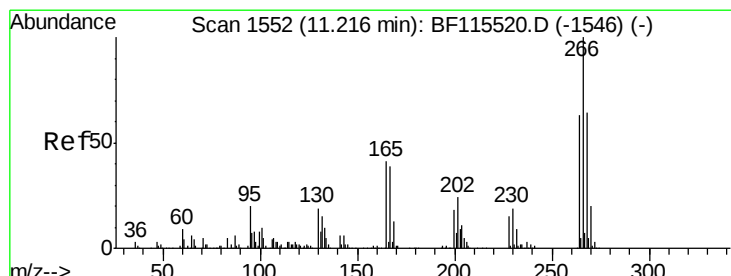
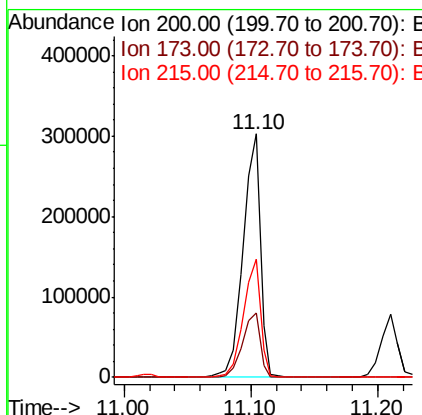
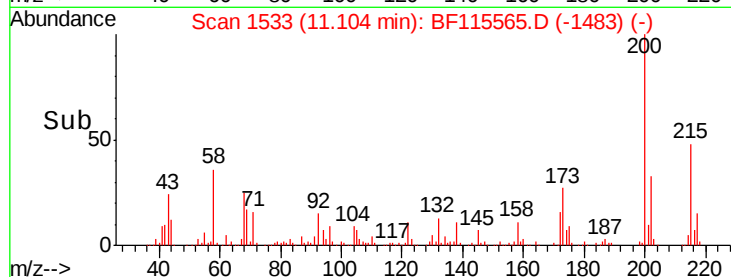
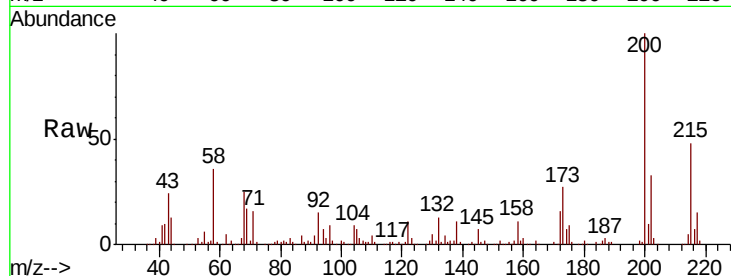




#69
Atrazine
Concen: 42.678 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

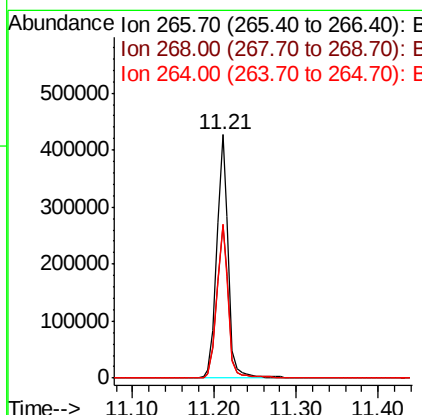
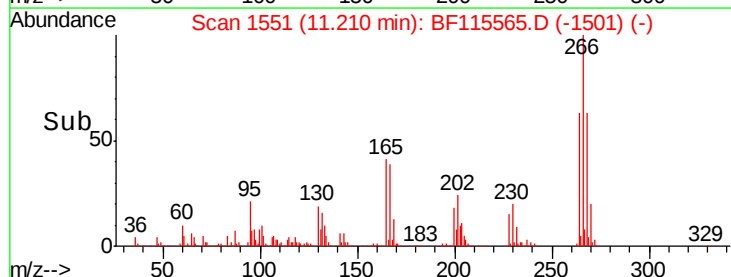
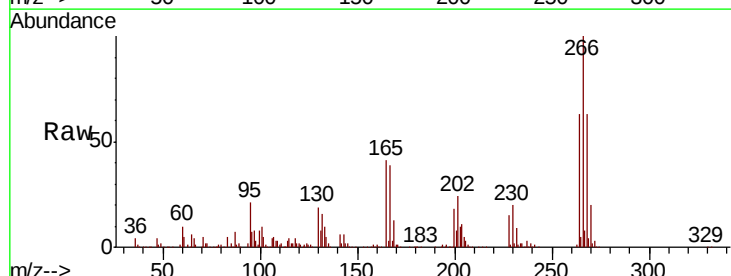
Instrument :
BNA_F
ClientSampleId :
PB121220BSD

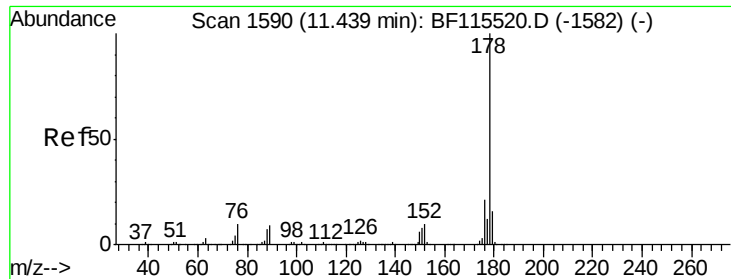
Tot Ion:200 Resp: 283446
Ion Ratio Lower Upper
200 100
173 26.6 6.9 46.9
215 48.5 27.9 67.9



#70
Pentachlorophenol
Concen: 81.494 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Tgt Ion:266 Resp: 423353
Ion Ratio Lower Upper
266 100
268 63.0 51.6 77.4
264 63.2 50.6 76.0

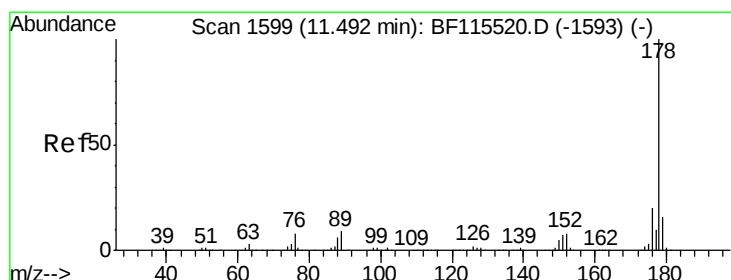
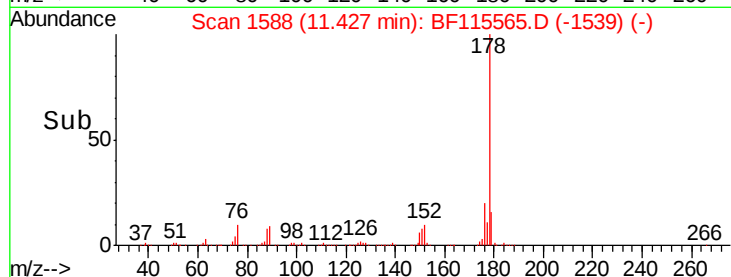
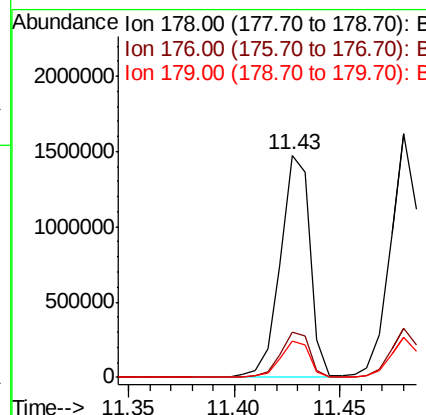
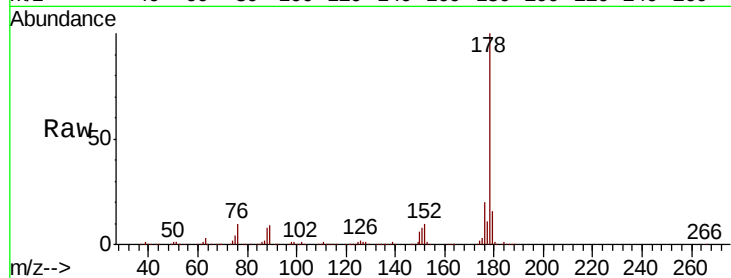




#71
Phenanthrene
Concen: 43.416 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

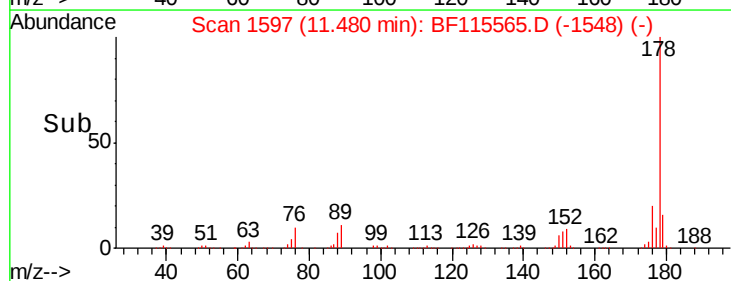
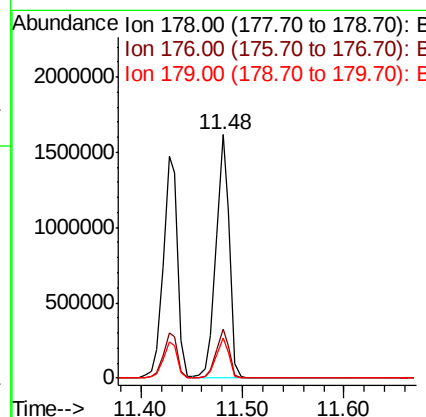
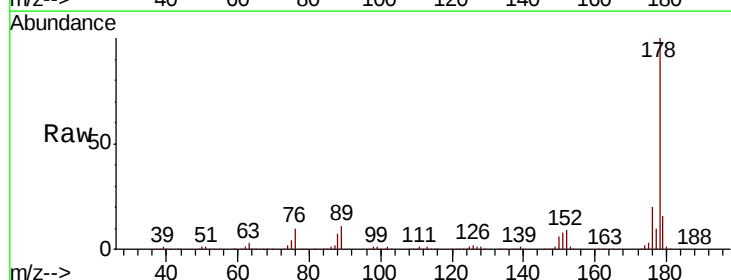
Instrument :
BNA_F
ClientSampleId :
PB121220BSD

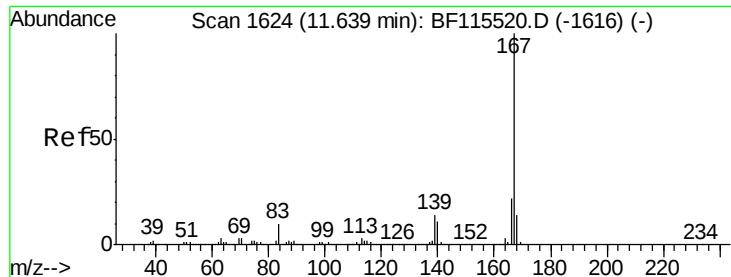
Tot Ion:178 Resp: 1448419
Ion Ratio Lower Upper
178 100
176 20.1 17.2 25.8
179 16.0 13.5 20.3



#72
Anthracene
Concen: 42.935 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Tgt Ion:178 Resp: 1480283
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 16.3 12.7 19.1



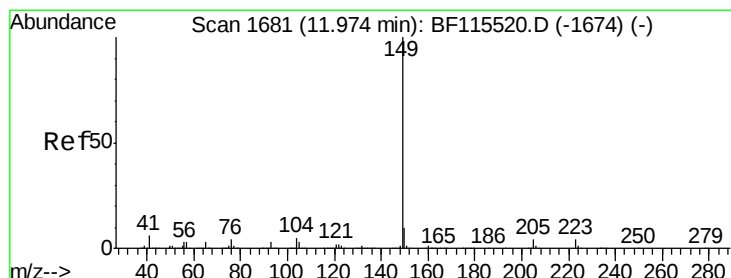
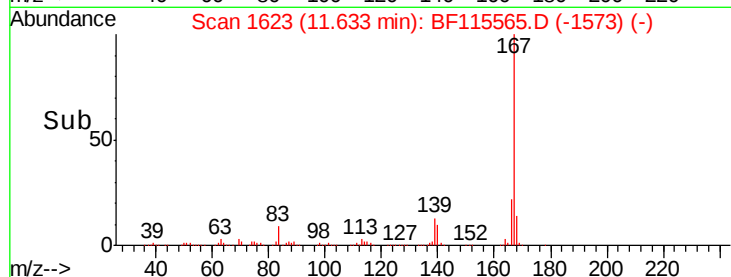
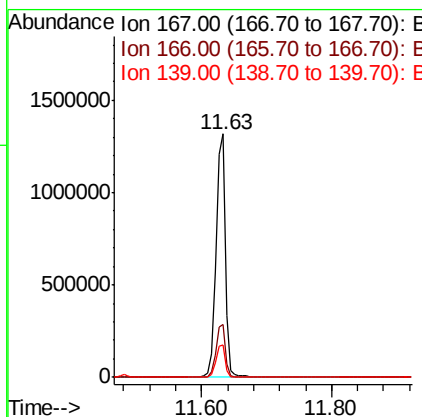
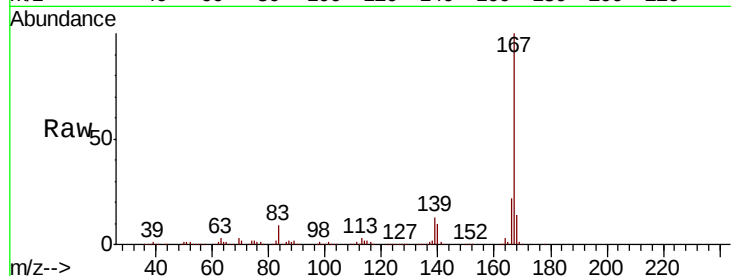


#73
 Carbazole
 Concen: 43.389 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115565.D
 Acq: 15 Jul 2019 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB121220BSD

Tot Ion:167 Resp: 1311815

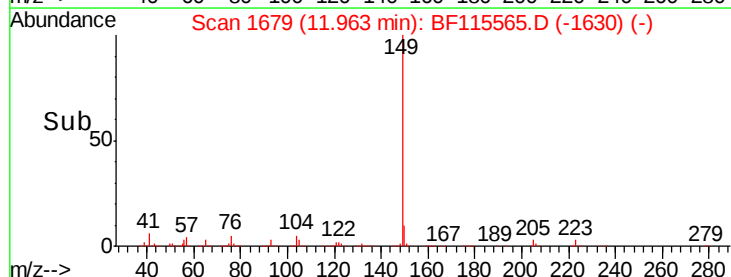
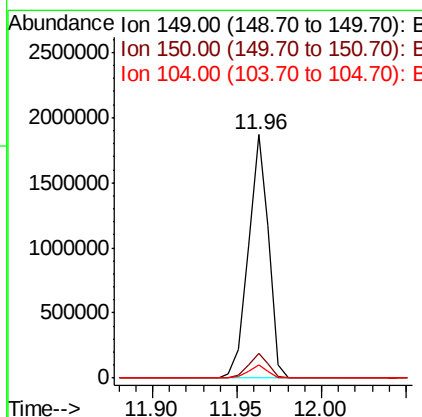
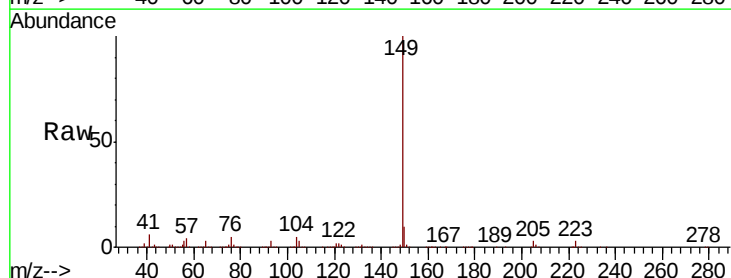
Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	13.4	11.3	16.9

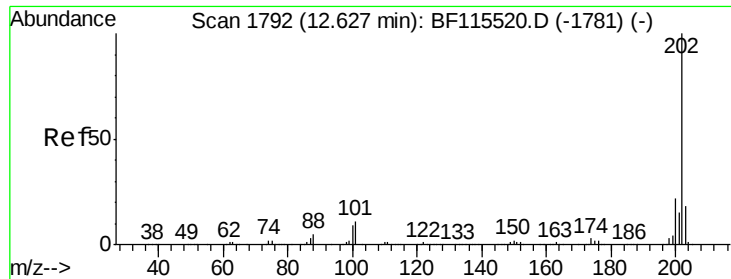


#74
 Di-n-butylphthalate
 Concen: 41.956 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115565.D
 Acq: 15 Jul 2019 19:13

Tgt Ion:149 Resp: 1562500

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

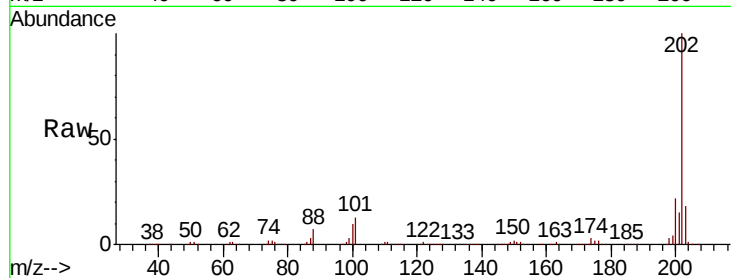




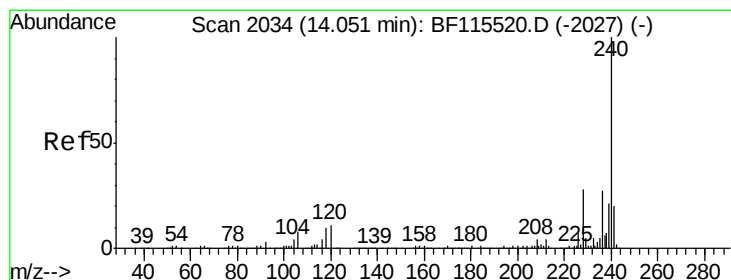
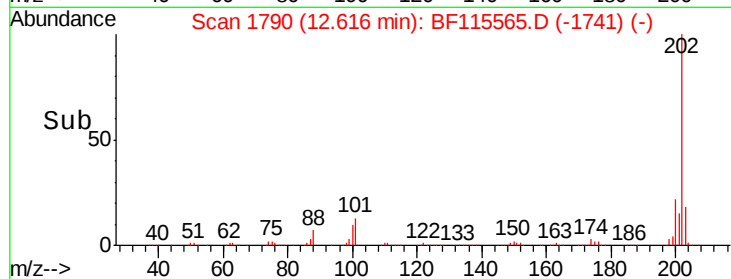
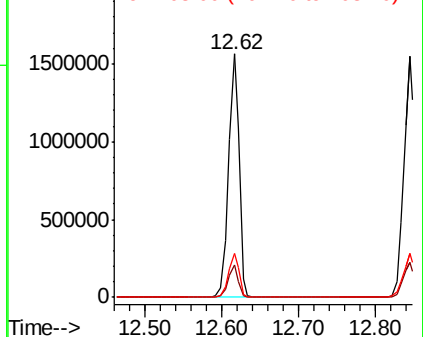
#75
 Fluoranthene
 Concen: 42.706 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BF115565.D
 Acq: 15 Jul 2019 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB121220BSD

Tot Ion:202 Resp: 1505543
 Ion Ratio Lower Upper
 202 100
 101 13.1 0.0 31.4
 203 18.3 0.0 38.1

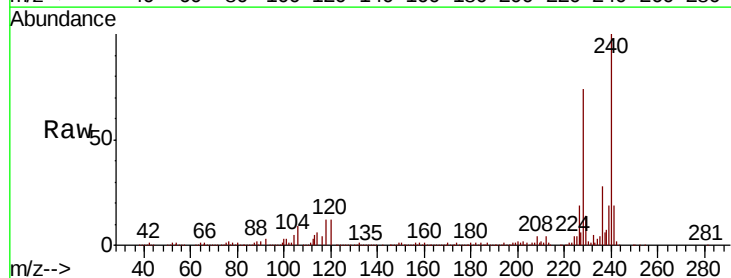


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

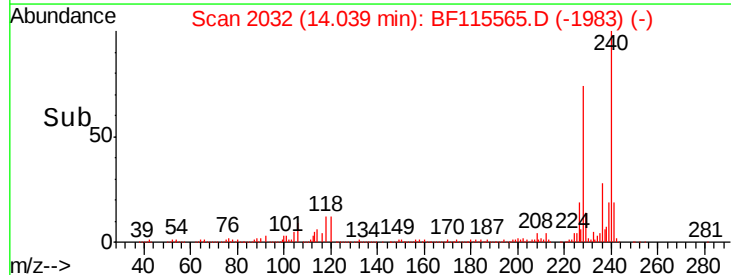
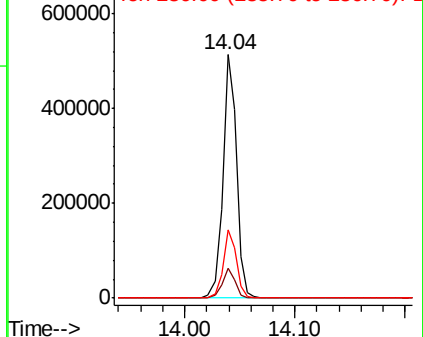


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115565.D
 Acq: 15 Jul 2019 19:13

Tgt Ion:240 Resp: 441656
 Ion Ratio Lower Upper
 240 100
 120 12.5 8.6 13.0
 236 27.9 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 53.441 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

Instrument :

BNA_F

ClientSampleId :

PB121220BSD

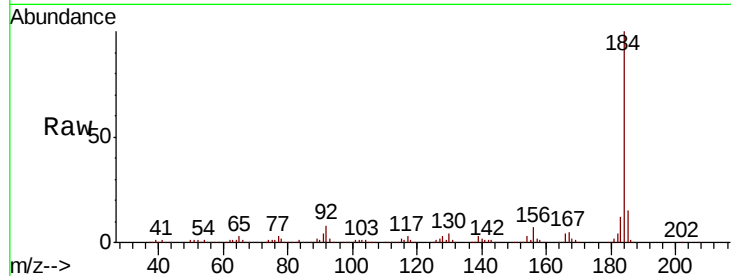
Tot Ion:184 Resp: 836132

Ion Ratio Lower Upper

184 100

185 15.1 12.0 18.0

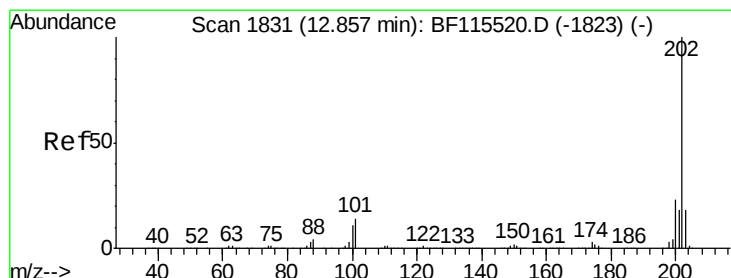
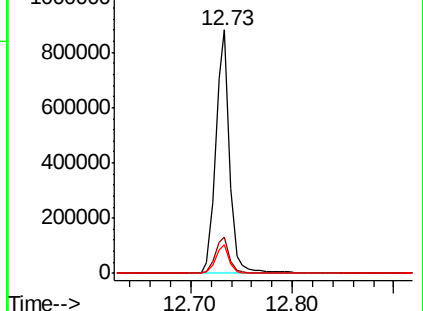
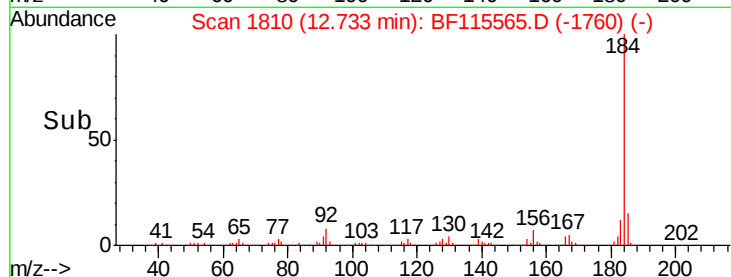
183 12.0 9.3 13.9



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: 41.243 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

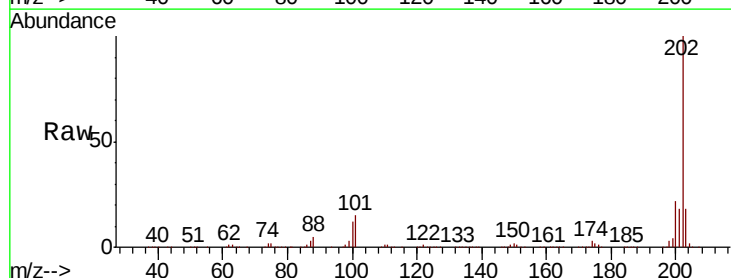
Tgt Ion:202 Resp: 1543261

Ion Ratio Lower Upper

202 100

200 22.3 18.7 28.1

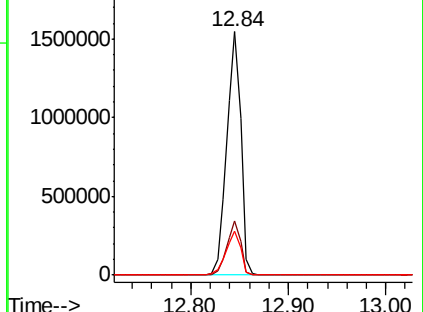
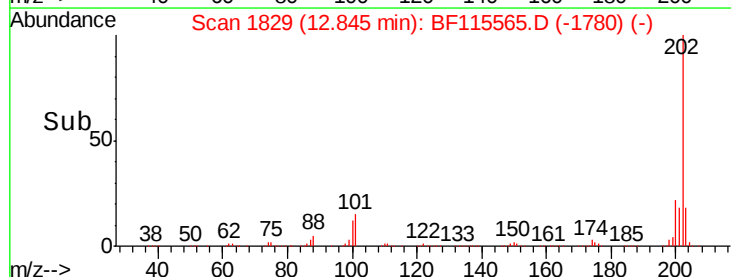
203 18.0 15.2 22.8

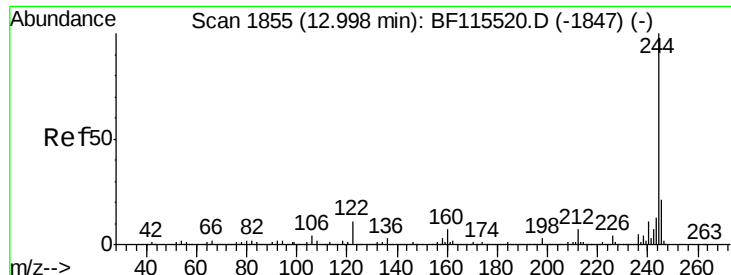


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.364 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

Instrument :

BNA_F

ClientSampleId :

PB121220BSD

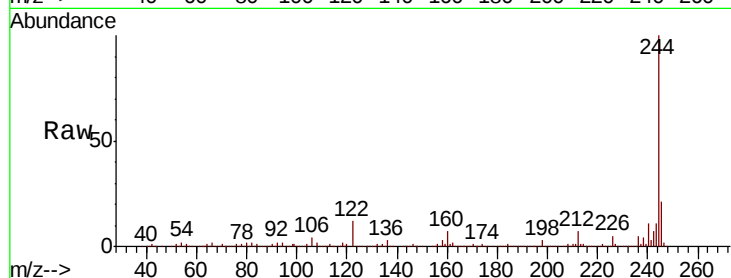
Tot Ion:244 Resp: 1971460

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

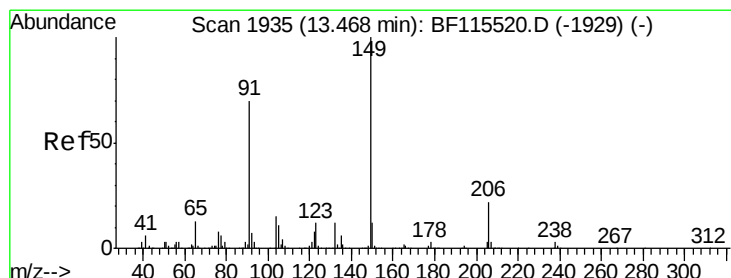
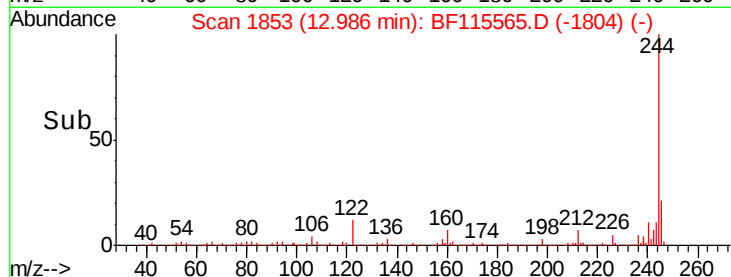
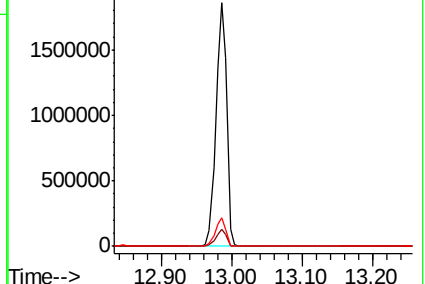
122 12.0 8.6 12.8



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: 41.265 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

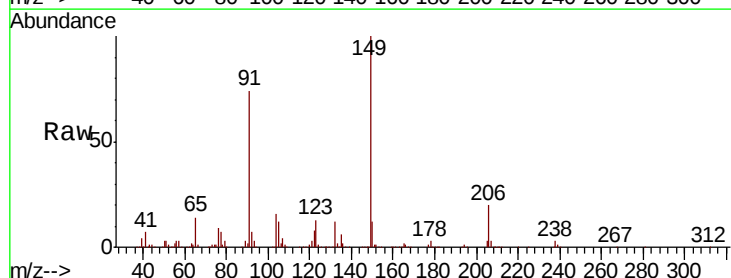
Tgt Ion:149 Resp: 658240

Ion Ratio Lower Upper

149 100

91 73.5 55.8 83.8

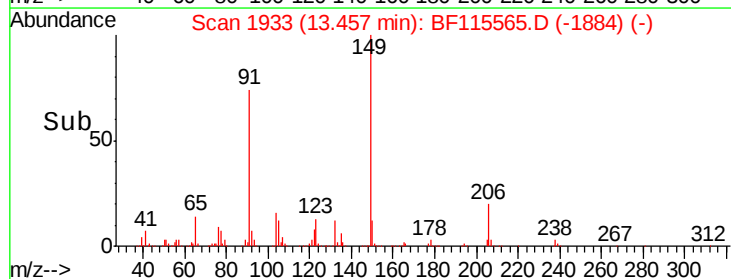
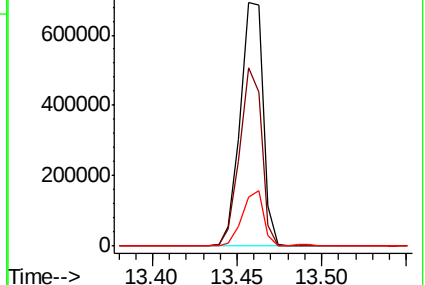
206 20.4 18.2 27.2



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: 41.656 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

Instrument :

BNA_F

ClientSampleId :

PB121220BSD

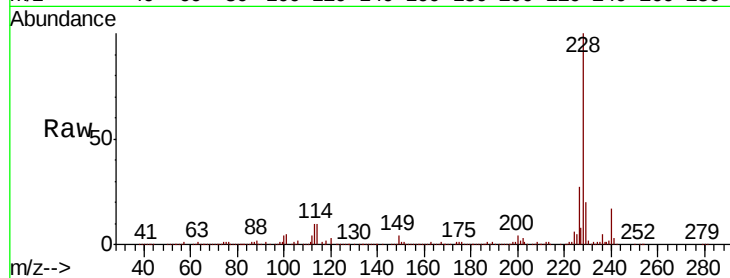
Tot Ion:228 Resp: 1212045

Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.4	35.0
229	19.9	17.2	25.8

228 100

226 27.3 23.4 35.0

229 19.9 17.2 25.8

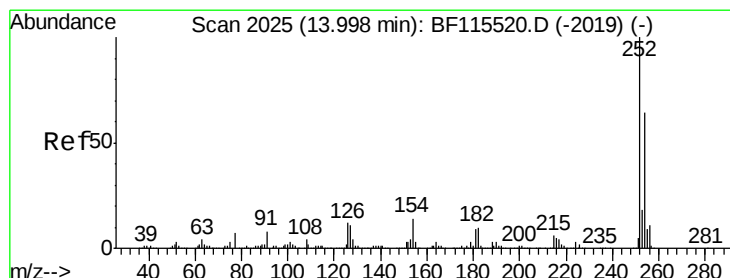
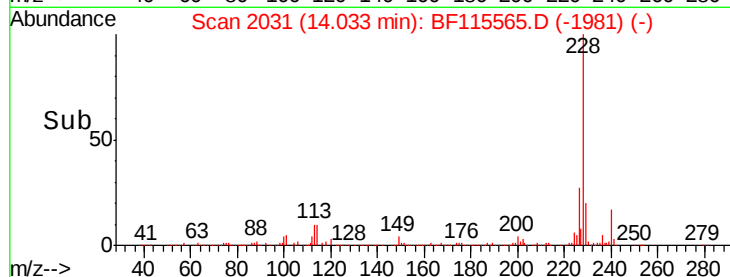
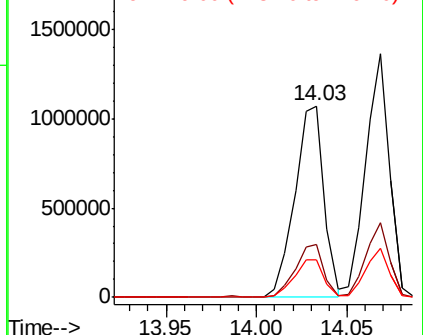


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.254 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

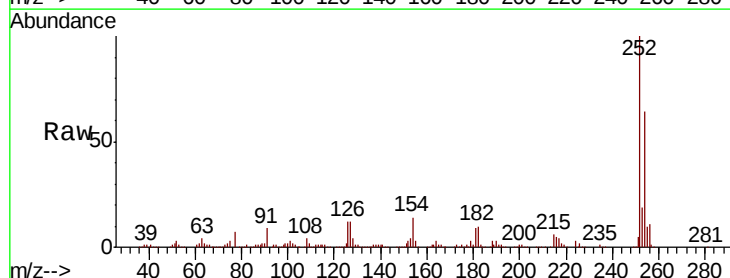
Tgt Ion:252 Resp: 354309

Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.9	79.3
126	12.1	9.9	14.9

252 100

254 64.1 52.9 79.3

126 12.1 9.9 14.9

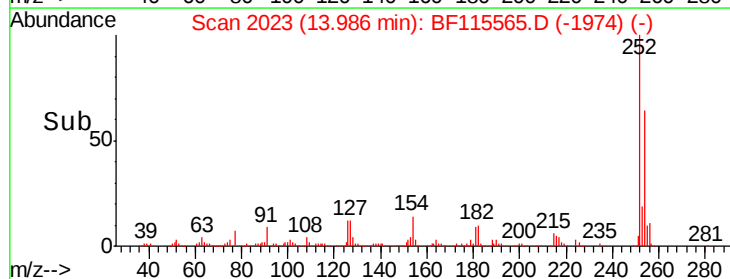
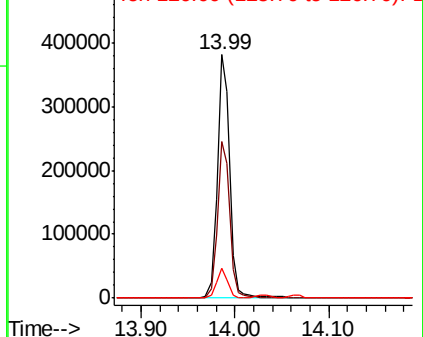


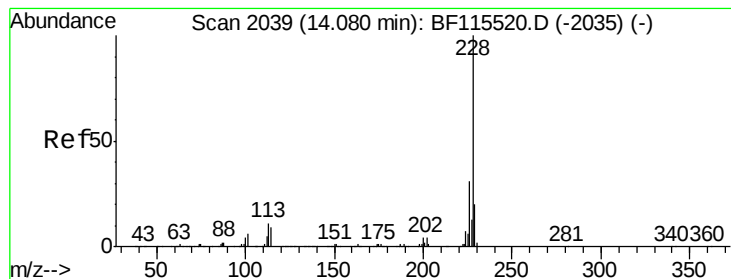
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 43.013 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

Instrument :

BNA_F

ClientSampleId :

PB121220BSD

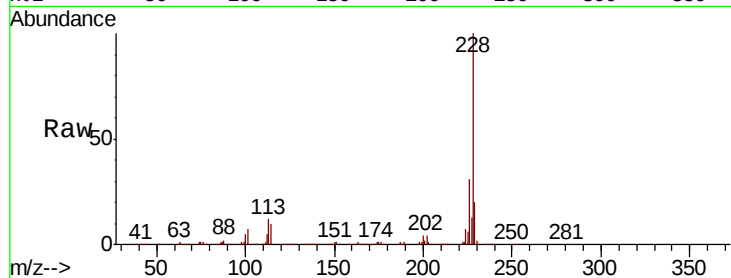
Tot Ion:228 Resp: 1256365

Ion Ratio Lower Upper

228 100

226 30.9 25.7 38.5

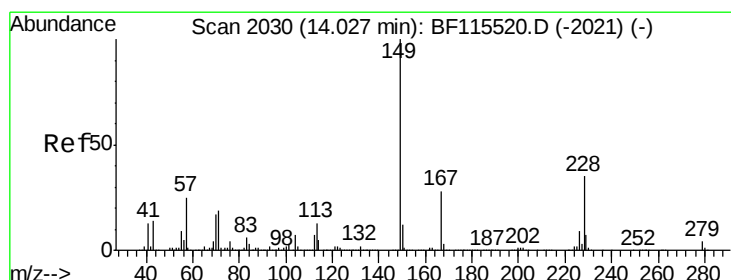
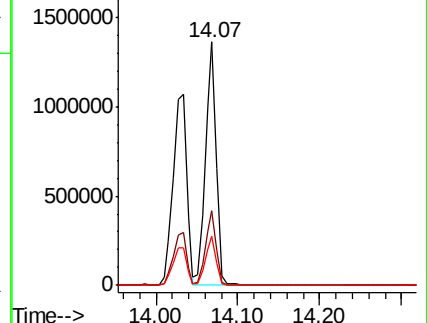
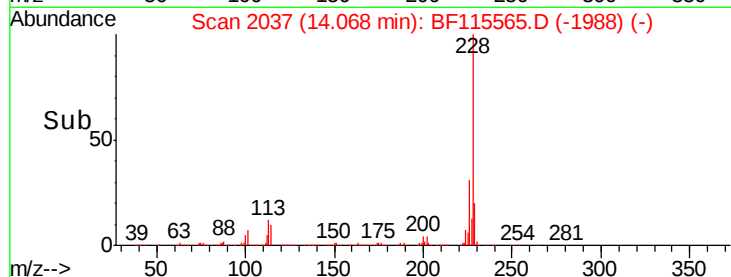
229 20.4 16.6 25.0



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: 41.875 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

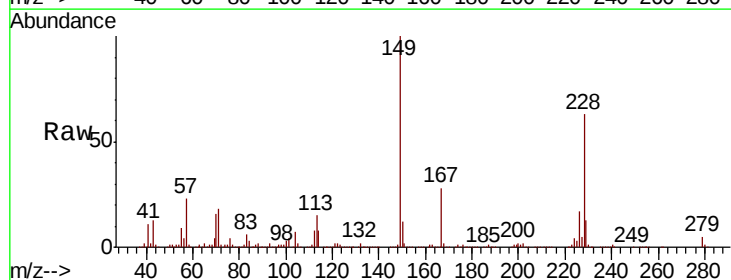
Tgt Ion:149 Resp: 827391

Ion Ratio Lower Upper

149 100

167 28.0 23.0 34.4

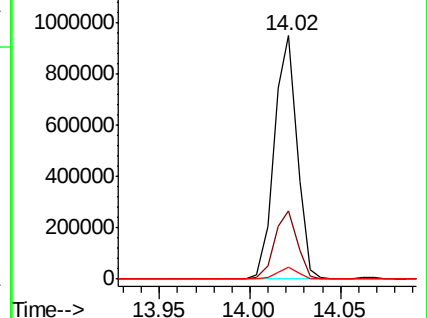
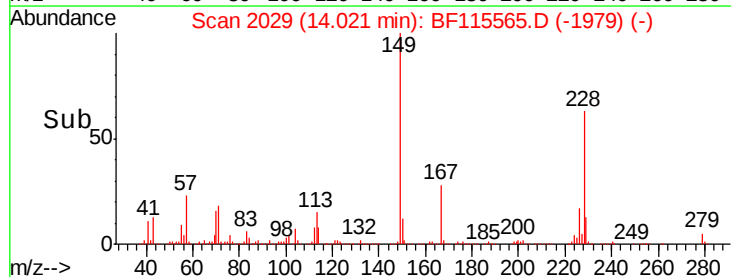
279 4.8 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.275 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

Instrument :

BNA_F

ClientSampleId :

PB121220BSD

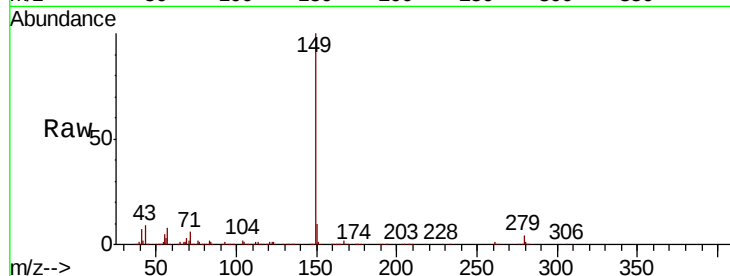
Tot Ion:149 Resp: 1423363

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

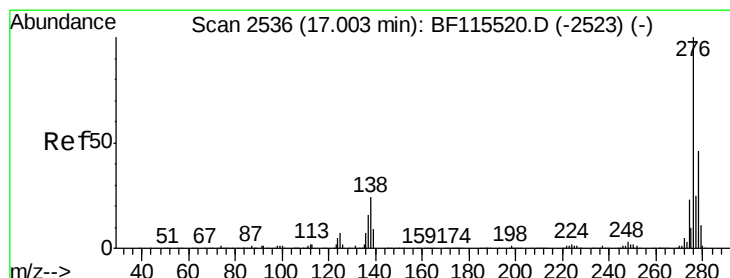
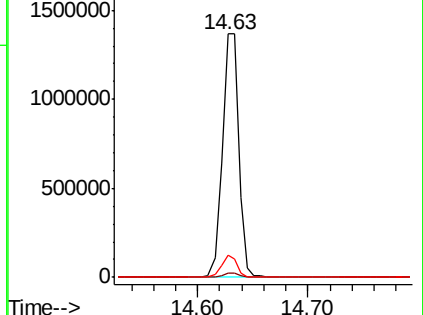
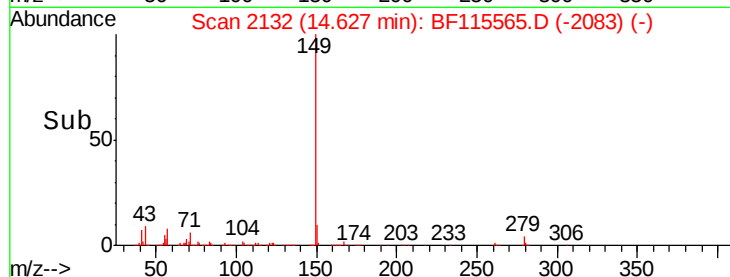
43 8.3 7.2 10.8



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: 43.589 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

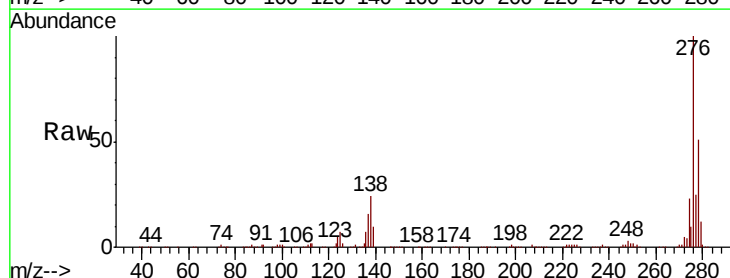
Tgt Ion:276 Resp: 1081675

Ion Ratio Lower Upper

276 100

138 25.3 20.2 30.2

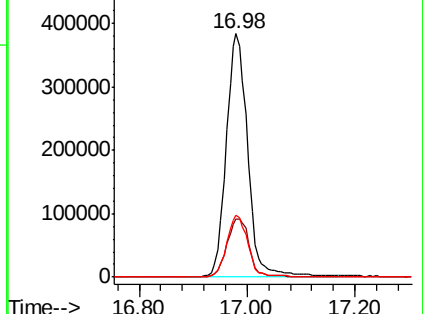
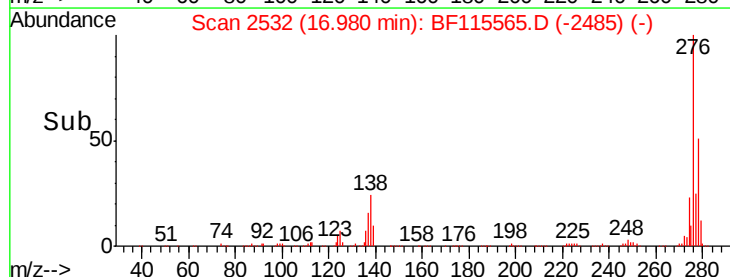
277 25.3 20.4 30.6

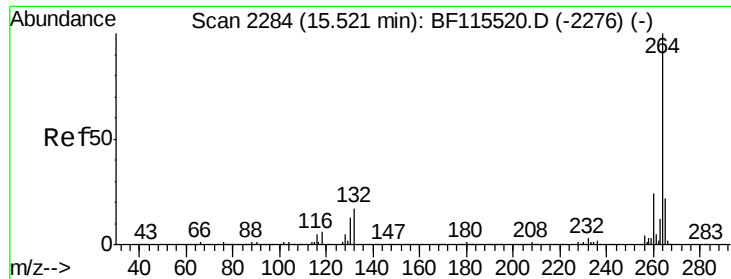


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF115565.D

Acq: 15 Jul 2019 19:13

Instrument :

BNA_F

ClientSampleId :

PB121220BSD

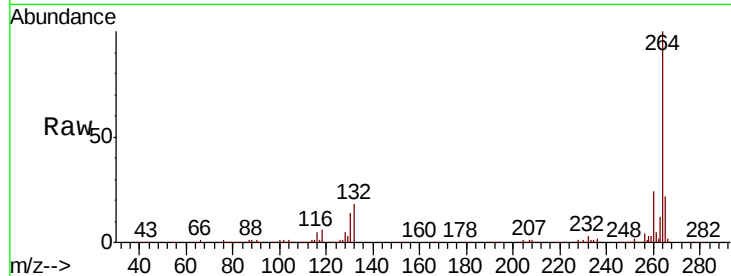
Tot Ion:264 Resp: 431965

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.8

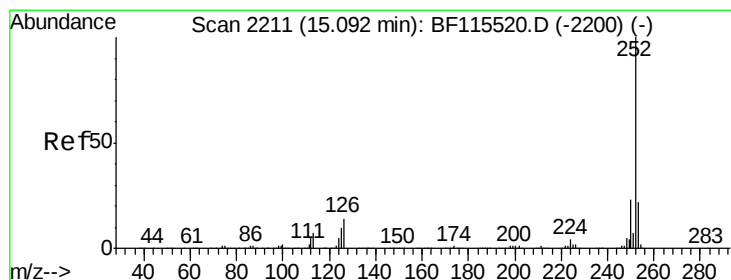
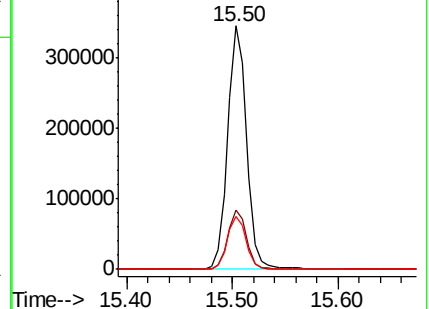
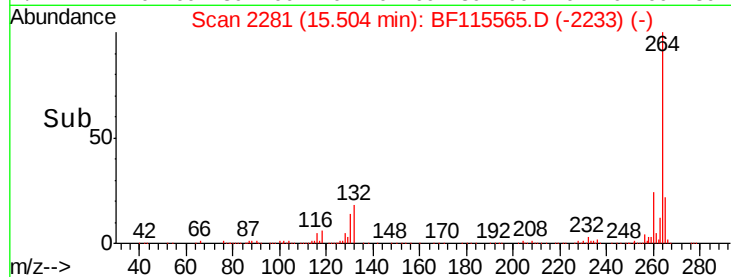
265 21.9 17.7 26.5



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: 42.163 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

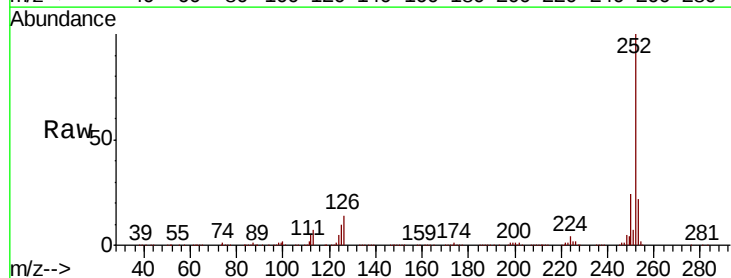
Tgt Ion:252 Resp: 1172774

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

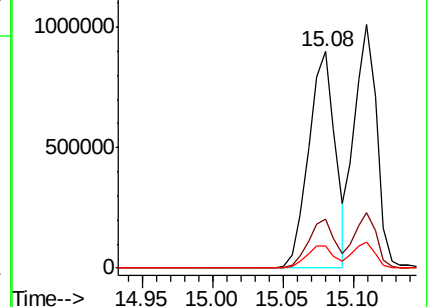
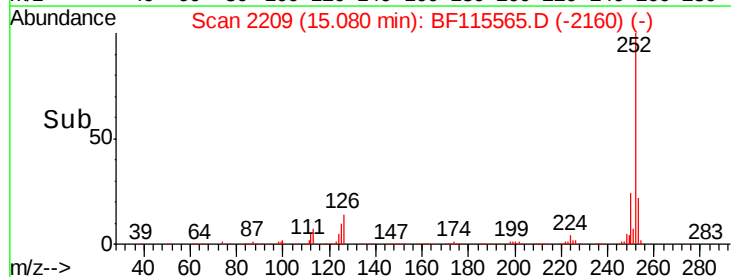
125 10.2 9.0 13.4

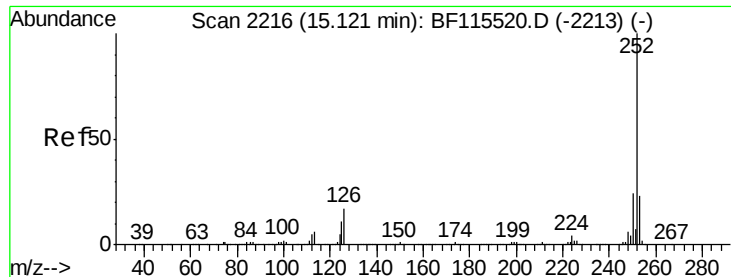


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

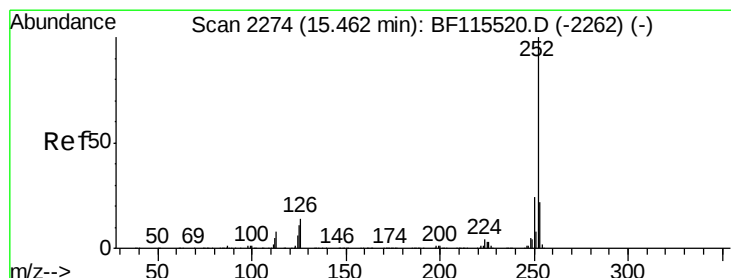
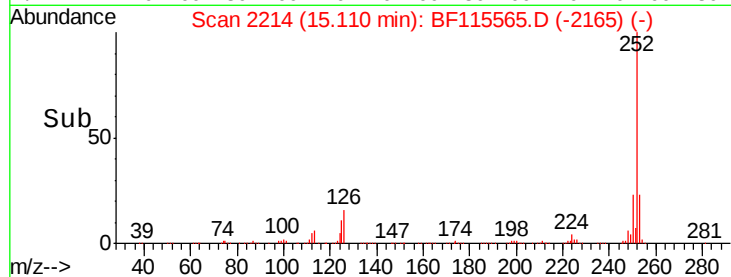
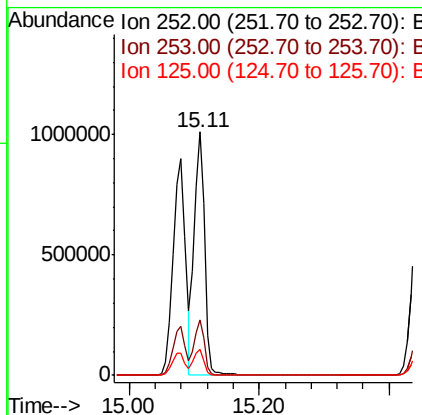
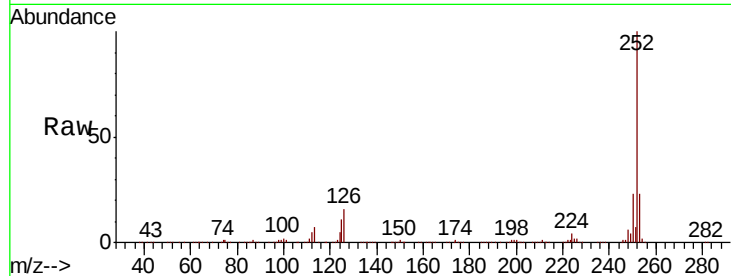




#89
Benzo(k)fluoranthene
Concen: 45.734 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

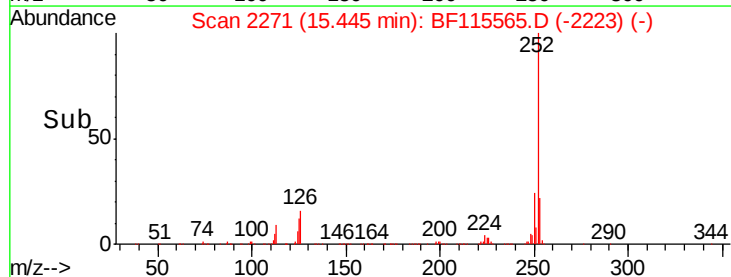
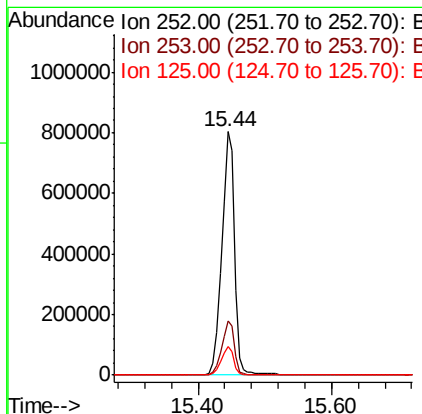
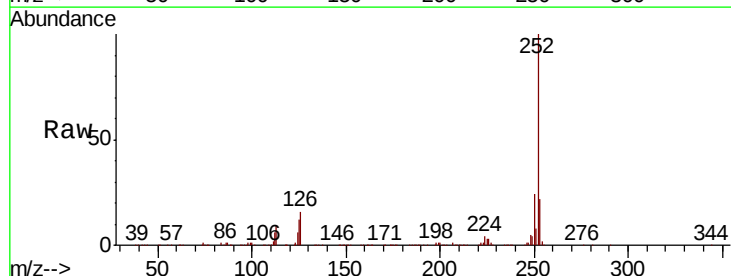
Instrument :
BNA_F
ClientSampleId :
PB121220BSD

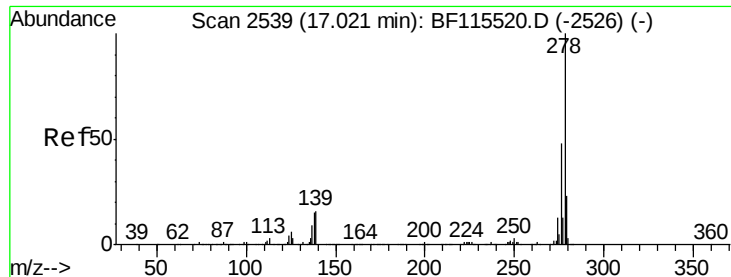
Tot Ion:252 Resp: 1134140
Ion Ratio Lower Upper
252 100
253 22.7 18.6 28.0
125 10.7 9.0 13.6



#90
Benzo(a)pyrene
Concen: 44.942 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115565.D
Acq: 15 Jul 2019 19:13

Tgt Ion:252 Resp: 1074411
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 12.0 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 43.283 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

Instrument :

BNA_F

ClientSampleId :

PB121220BSD

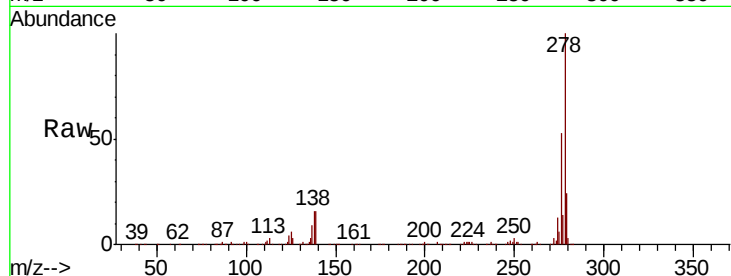
Tot Ion:278 Resp: 908406

Ion Ratio Lower Upper

278 100

139 15.8 13.1 19.7

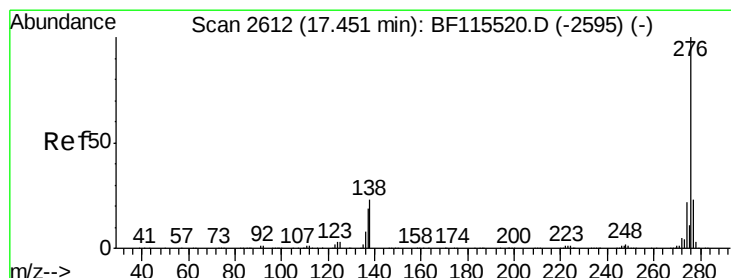
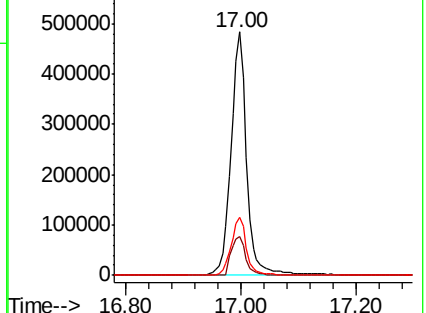
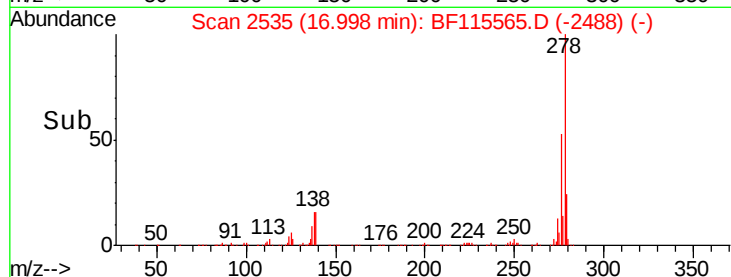
279 23.8 19.6 29.4



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: 40.530 ng

RT: 17.42 min Scan# 2607

Delta R.T. -0.03 min

Lab File: BF115565.D

Acq: 15 Jul 2019 19:13

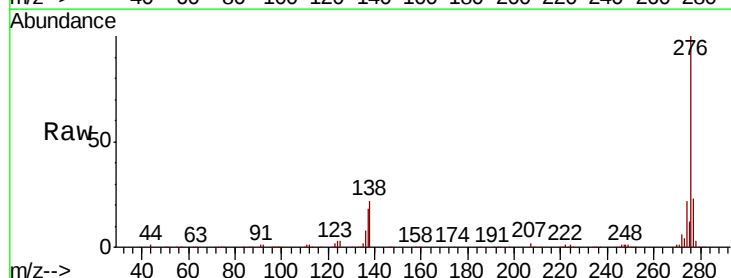
Tgt Ion:276 Resp: 848366

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 22.4 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

