

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115554.D
 Acq On : 15 Jul 2019 9:54
 Operator : HP/JU
 Sample : PB121170BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

Quant Time: Jul 16 03:06:30 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	275358	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1060618	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	520845	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	978669	20.00	ng	0.00
76) Chrysene-d12	14.05	240	607649	20.00	ng	0.00
87) Perylene-d12	15.51	264	516490	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	2073085	123.15	ng	0.02
7) Phenol-d6	6.53	99	2589828	121.24	ng	0.01
23) Nitrobenzene-d5	7.45	82	1686042	92.43	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	813245	133.77	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2877164	96.69	ng	0.00
79) Terphenyl-d14	12.99	244	2803656	85.13	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	227521	27.095	ng	98
3) Pyridine	3.57	79	575196	25.247	ng	99
4) n-Nitrosodimethylamine	3.51	42	224011	27.104	ng	95
6) Aniline	6.55	93	606060	20.388	ng	98
8) 2-Chlorophenol	6.67	128	531967	27.485	ng	99
9) Benzaldehyde	6.43	77	377794	28.303	ng	96
10) Phenol	6.54	94	649996	26.213	ng	91
11) bis(2-Chloroethyl)ether	6.62	93	520160	27.552	ng	100
12) 1,3-Dichlorobenzene	6.83	146	602012	27.665	ng	100
13) 1,4-Dichlorobenzene	6.90	146	611949	28.185	ng	96
14) 1,2-Dichlorobenzene	7.06	146	545457	27.482	ng	97
15) Benzyl Alcohol	7.02	79	502631	29.663	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	684727	27.549	ng	97
17) 2-Methylphenol	7.13	107	488204	29.270	ng	100
18) Hexachloroethane	7.40	117	221391	27.472	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	389446	27.955	ng	98
20) 3+4-Methylphenols	7.29	107	570039	28.772	ng	95
22) Acetophenone	7.29	105	770295	32.148	ng	97
24) Nitrobenzene	7.46	77	601214	30.559	ng	95
25) Isophorone	7.70	82	1096260	30.035	ng	100
26) 2-Nitrophenol	7.78	139	312573	30.867	ng	96
27) 2,4-Dimethylphenol	7.82	122	532818	35.166	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	679825	30.361	ng	99
29) 2,4-Dichlorophenol	8.02	162	492811	31.274	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	542629	30.464	ng	97
31) Naphthalene	8.19	128	1603605	31.219	ng	98
32) Benzoic acid	7.95	122	378786	30.463	ng	98
33) 4-Chloroaniline	8.23	127	389098	17.101	ng	99
34) Hexachlorobutadiene	8.31	225	305478	29.907	ng	98
35) Caprolactam	8.61	113	159257m	32.706	ng	
36) 4-Chloro-3-methylphenol	8.72	107	508148	31.088	ng	98
37) 2-Methylnaphthalene	8.88	142	1090740	32.035	ng	98
38) 1-Methylnaphthalene	8.98	142	1016500	31.431	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	492099	31.375	ng	98

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Quant Time: Jul 16 03:06:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	520940	58.225	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	368064	32.089	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	360630	30.701	ng	99
46) 1,1'-Biphenyl	9.35	154	1314199	32.275	ng	98
47) 2-Chloronaphthalene	9.37	162	1042932	30.761	ng	98
48) 2-Nitroaniline	9.46	65	307643	29.316	ng	99
49) Acenaphthylene	9.79	152	1569389	31.239	ng	98
50) Dimethylphthalate	9.65	163	1189745	30.361	ng	100
51) 2,6-Dinitrotoluene	9.70	165	277232	31.131	ng	90
52) Acenaphthene	9.96	154	1095750	33.783	ng	99
53) 3-Nitroaniline	9.87	138	202287	19.877	ng	97
54) 2,4-Dinitrophenol	9.98	184	272798	59.664	ng	# 90
55) Dibenzofuran	10.13	168	1398314	30.358	ng	99
56) 4-Nitrophenol	10.03	139	440540	56.768	ng	100
57) 2,4-Dinitrotoluene	10.11	165	364868	31.625	ng	# 86
58) Fluorene	10.47	166	1041366	31.625	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.25	232	307299	31.295	ng	99
60) Diethylphthalate	10.35	149	1131891	30.828	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	532548	29.164	ng	98
62) 4-Nitroaniline	10.49	138	284556	29.150	ng	97
63) Azobenzene	10.62	77	1098460	30.844	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	184500	30.856	ng	97
66) n-Nitrosodiphenylamine	10.58	169	966951	31.763	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	343168	30.684	ng	97
68) Hexachlorobenzene	11.02	284	381581	29.876	ng	93
69) Atrazine	11.10	200	315403	31.581	ng	98
70) Pentachlorophenol	11.22	266	452764	57.960	ng	99
71) Phenanthrene	11.43	178	1533619	30.571	ng	98
72) Anthracene	11.49	178	1569082	30.265	ng	99
73) Carbazole	11.63	167	1375560	30.256	ng	100
74) Di-n-butylphthalate	11.96	149	1664481	29.722	ng	99
75) Fluoranthene	12.62	202	1592804	30.046	ng	98
77) Benzidine	12.73	184	521411	24.222	ng	100
78) Pyrene	12.85	202	1587712	30.840	ng	98
80) Butylbenzylphthalate	13.46	149	677627	30.876	ng	98
81) Benzo(a)anthracene	14.03	228	1213105	30.303	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	358487	25.190	ng	99
83) Chrysene	14.07	228	1243517	30.944	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	861710	31.698	ng	99
85) Di-n-octyl phthalate	14.63	149	1409664	32.591	ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	954070	27.944	ng	100
88) Benzo(b)fluoranthene	15.08	252	1043740	31.383	ng	99
89) Benzo(k)fluoranthene	15.11	252	1057824	35.676	ng	99
90) Benzo(a)pyrene	15.45	252	951152	33.275	ng	100
91) Dibenzo(a,h)anthracene	17.00	278	805748	32.108	ng	98
92) Benzo(g,h,i)perylene	17.43	276	775346	30.980	ng	98

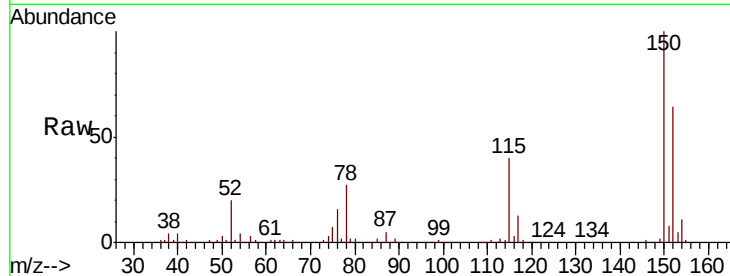
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	129.7	194.5
115	63.0	48.2	72.4

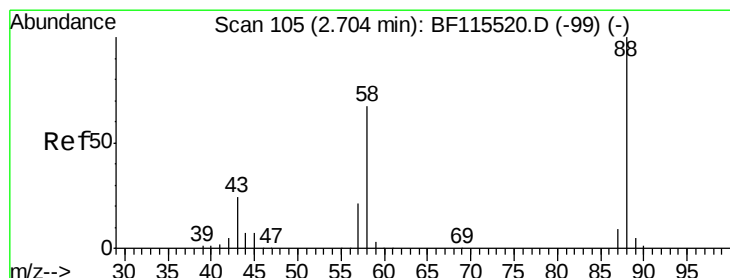
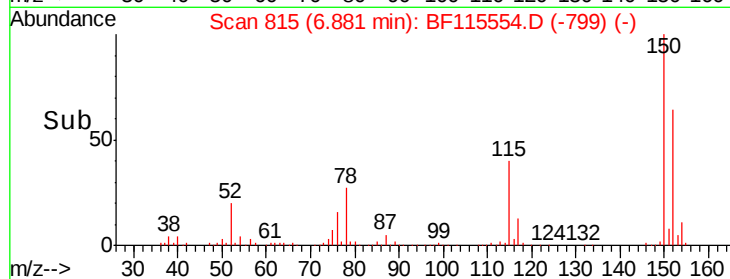
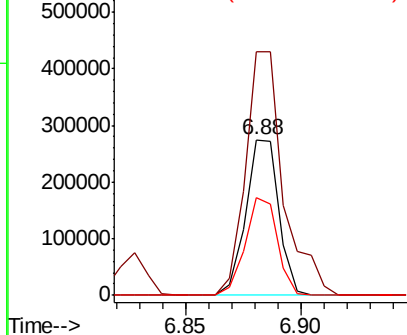


Abundance

Ion 152.00 (151.70 to 152.70): E

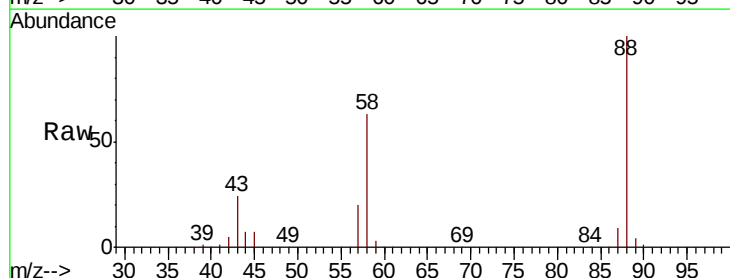
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 27.095 ng
 RT: 2.83 min Scan# 126
 Delta R.T. 0.12 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.3	52.6	79.0
43	23.5	19.1	28.7

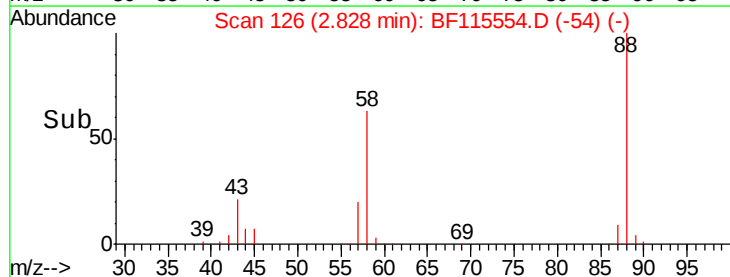
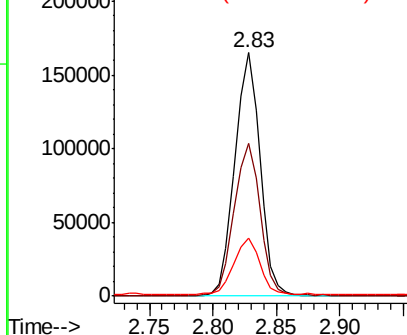


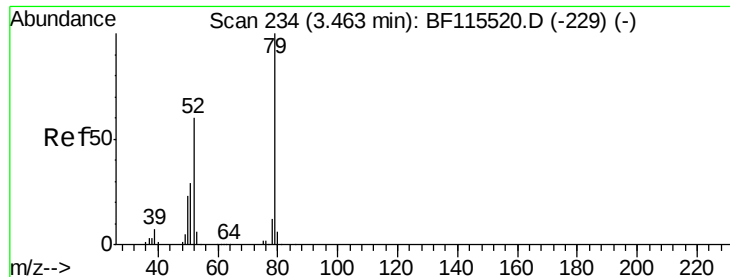
Abundance

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

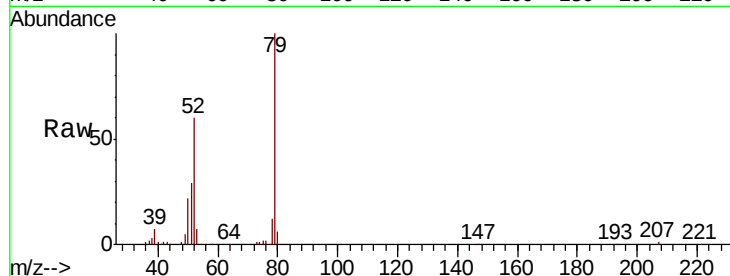




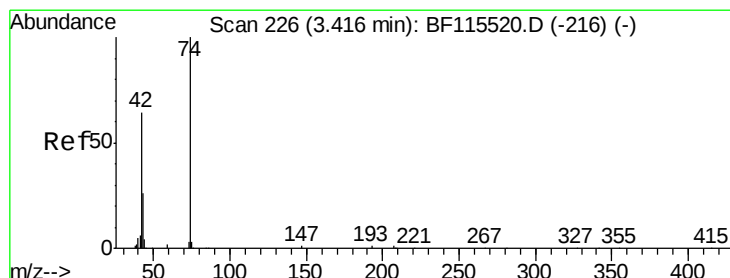
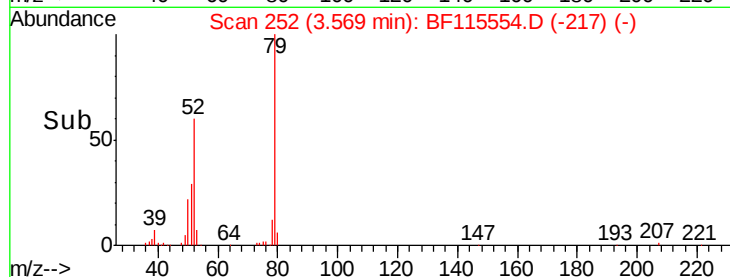
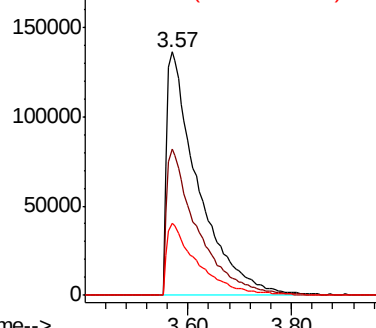
#3
 Pvridine
 Concen: 25.247 ng
 RT: 3.57 min Scan# 252
 Delta R.T. 0.11 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

Tot Ion: 79 Resp: 575196
 Ion Ratio Lower Upper
 79 100
 52 60.1 47.8 71.6
 51 29.4 23.8 35.8

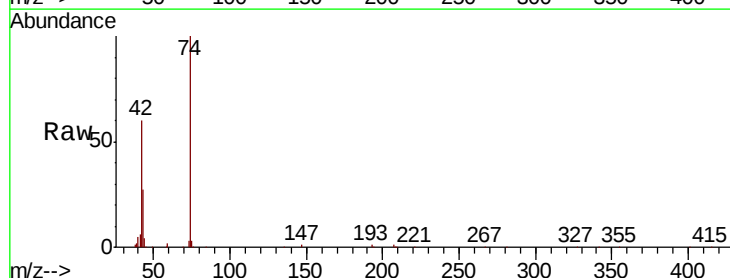


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

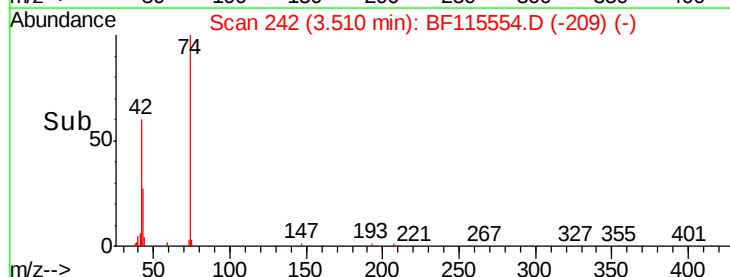
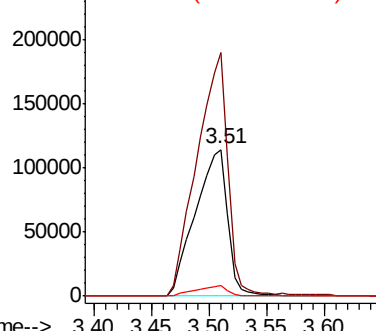


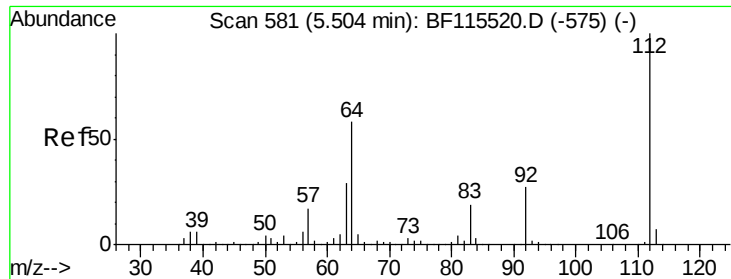
#4
 n-Nitrosodimethylamine
 Concen: 27.104 ng
 RT: 3.51 min Scan# 242
 Delta R.T. 0.09 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Tgt Ion: 42 Resp: 224011
 Ion Ratio Lower Upper
 42 100
 74 165.9 127.5 191.3
 44 7.3 5.0 7.6



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





#5

2-Fluorophenol

Concen: 123.148 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.02 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

PB121170BS

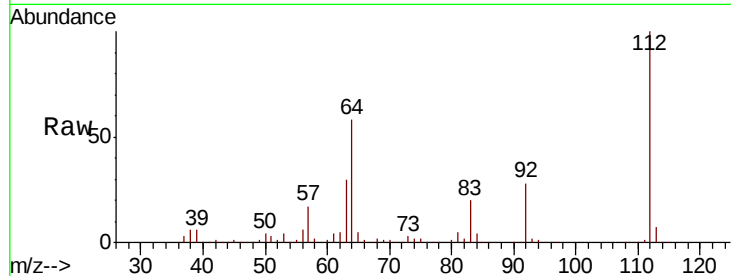
Tot Ion:112 Resp: 2073085

Ion Ratio Lower Upper

112 100

64 58.3 46.8 70.2

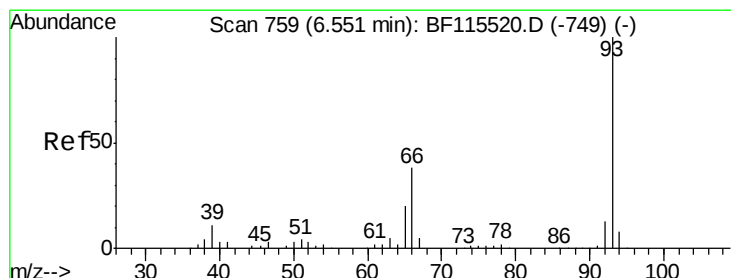
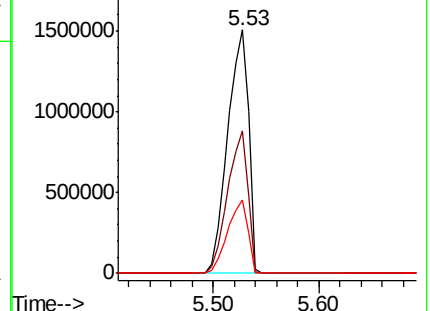
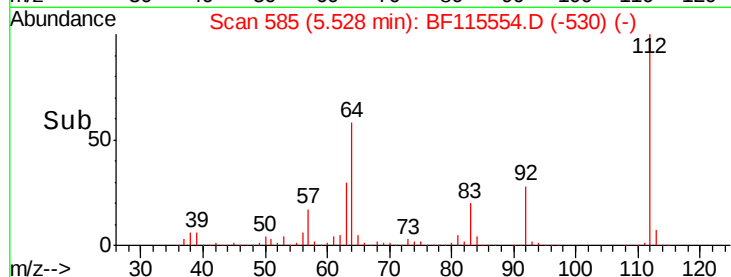
63 30.0 24.1 36.1



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: 20.388 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

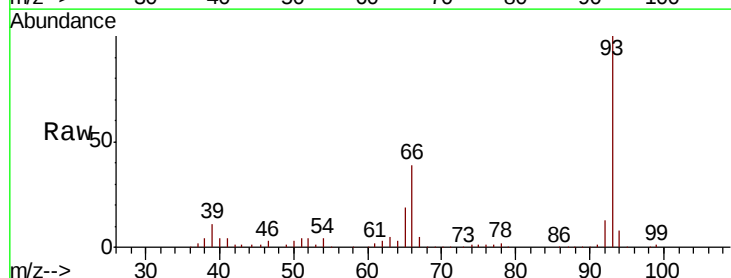
Tgt Ion: 93 Resp: 606060

Ion Ratio Lower Upper

93 100

66 38.7 31.7 47.5

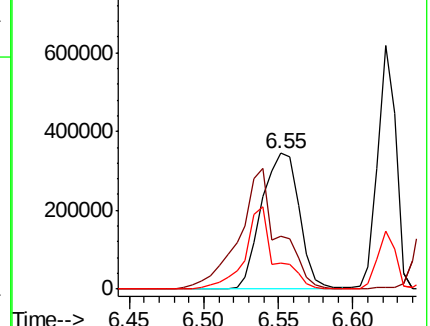
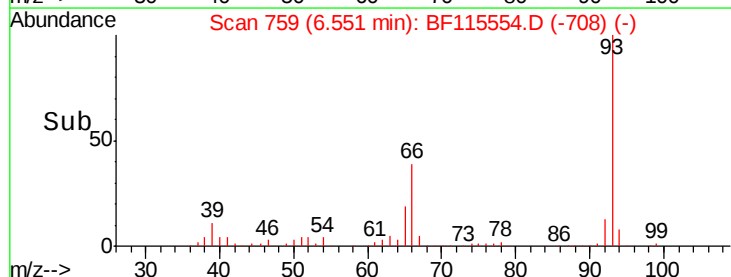
65 19.4 16.2 24.2

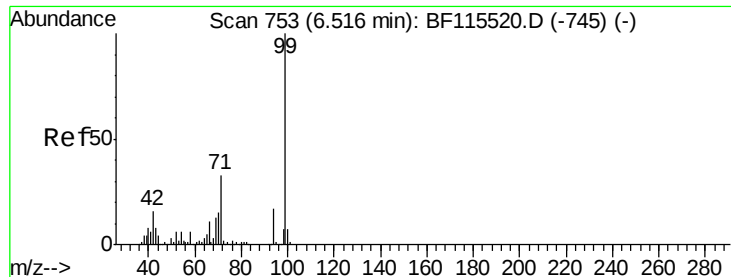


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.243 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

PB121170BS

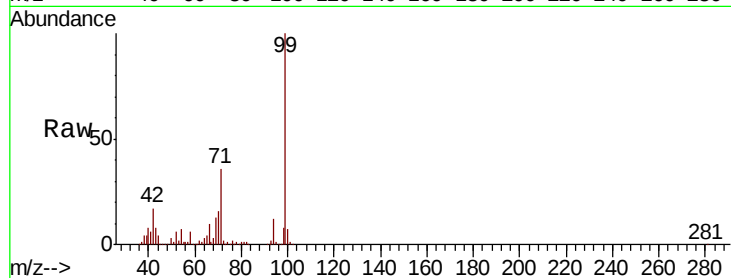
Tot Ion: 99 Resp: 2589828

Ion Ratio Lower Upper

99 100

42 16.7 13.6 20.4

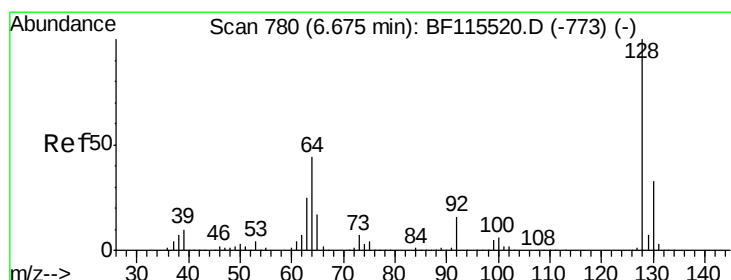
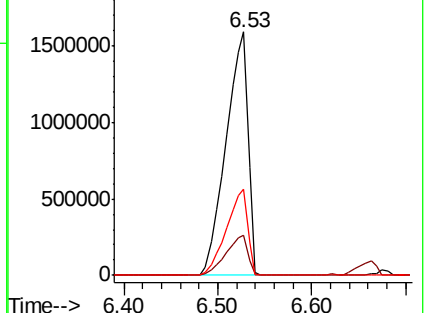
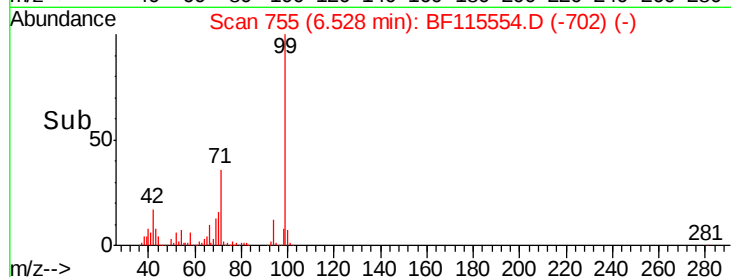
71 35.5 28.5 42.7



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: 27.485 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

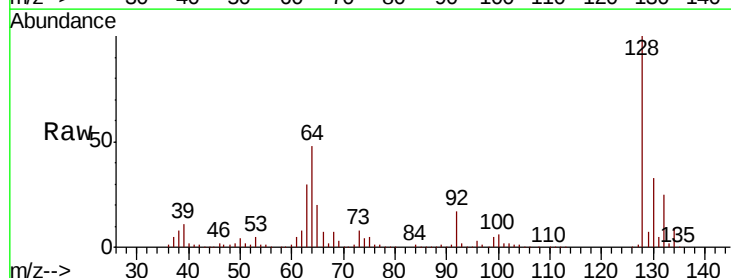
Tgt Ion:128 Resp: 531967

Ion Ratio Lower Upper

128 100

130 32.7 12.8 52.8

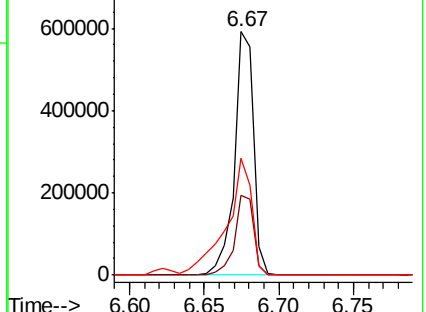
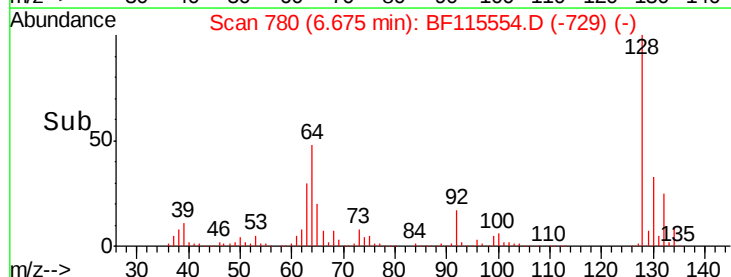
64 48.0 26.8 66.8



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: 28.303 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleID :

PB121170BS

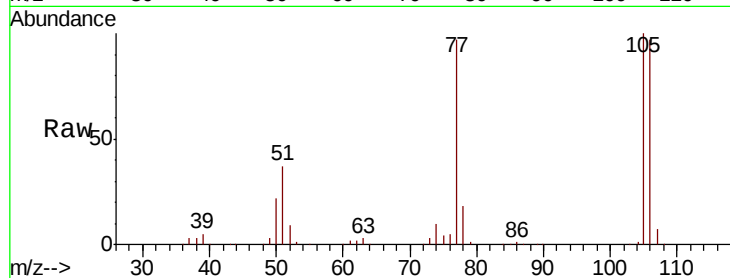
Tot Ion: 77 Resp: 377794

Ion Ratio Lower Upper

77 100

105 103.4 78.8 118.8

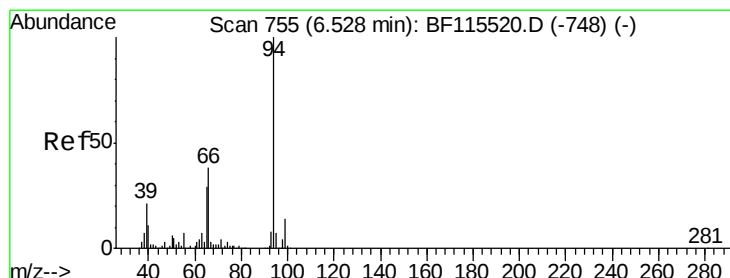
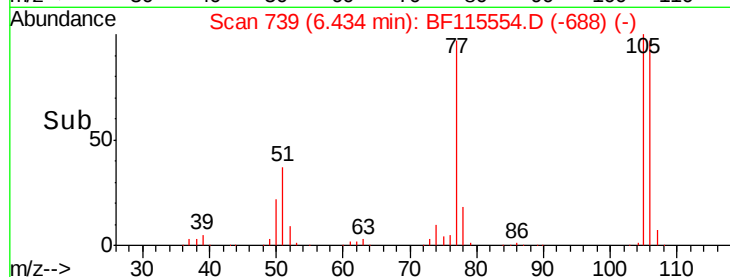
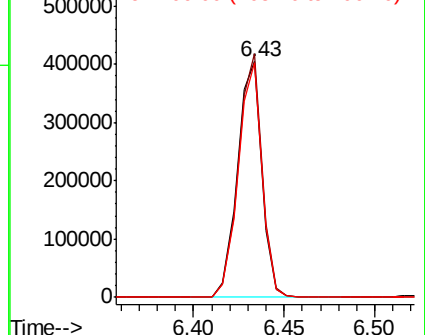
106 99.8 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 26.213 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

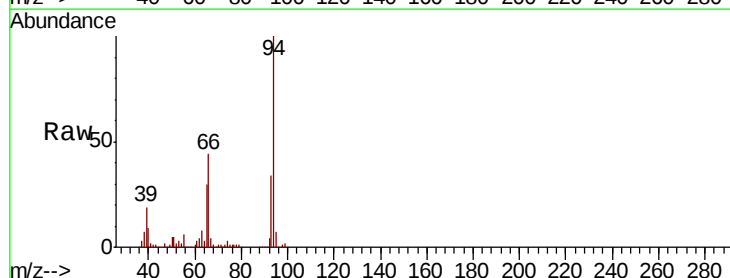
Tgt Ion: 94 Resp: 649996

Ion Ratio Lower Upper

94 100

65 29.9 14.5 54.5

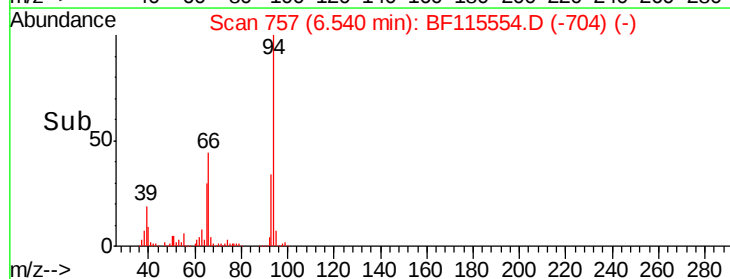
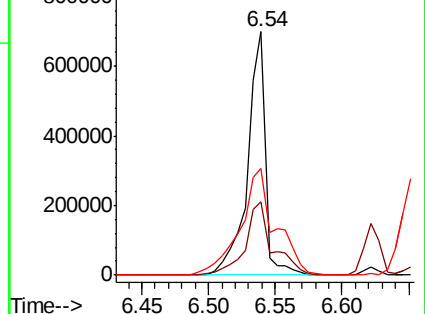
66 44.0 31.3 71.3

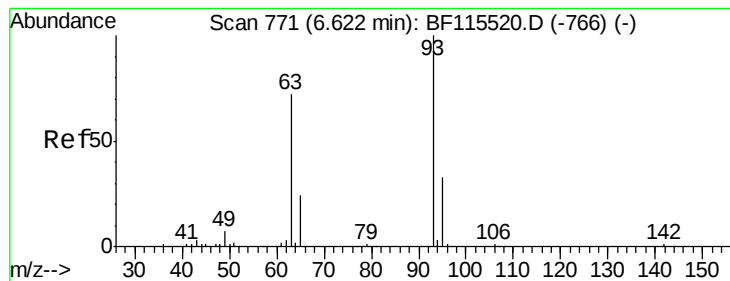


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 27.552 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

PB121170BS

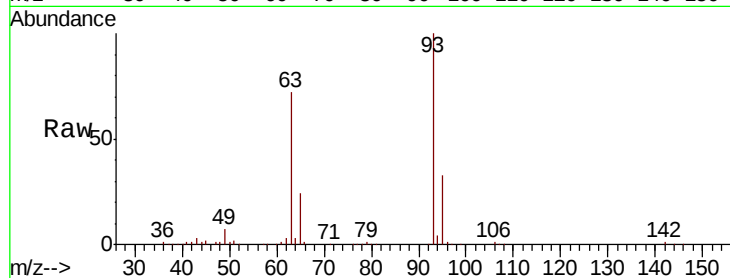
Tot Ion: 93 Resp: 520160

Ion Ratio Lower Upper

93 100

63 72.4 52.2 92.2

95 32.8 12.9 52.9

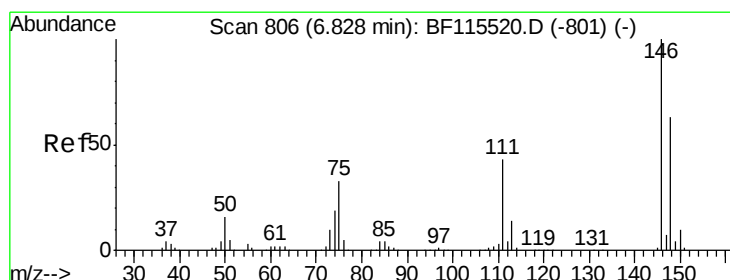
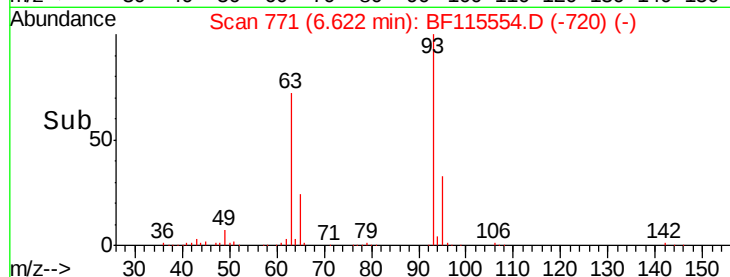
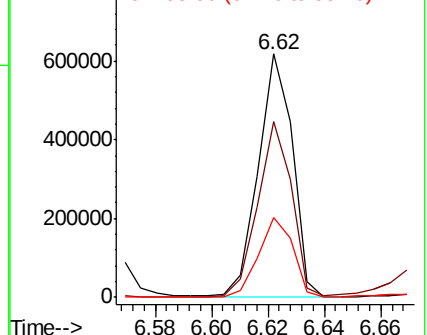


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 27.665 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

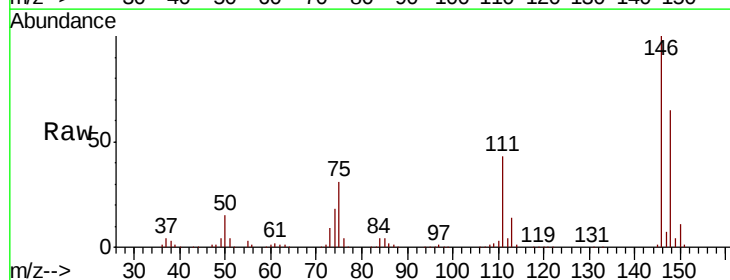
Tgt Ion: 146 Resp: 602012

Ion Ratio Lower Upper

146 100

148 65.0 52.1 78.1

75 31.0 24.9 37.3

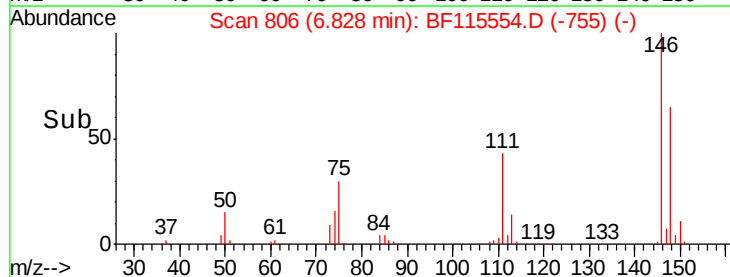
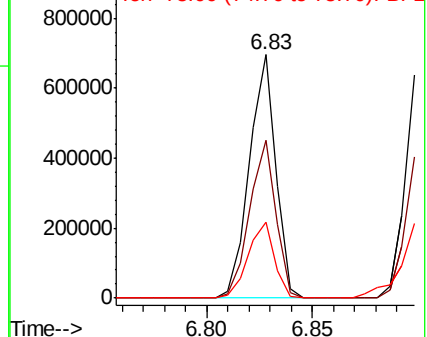


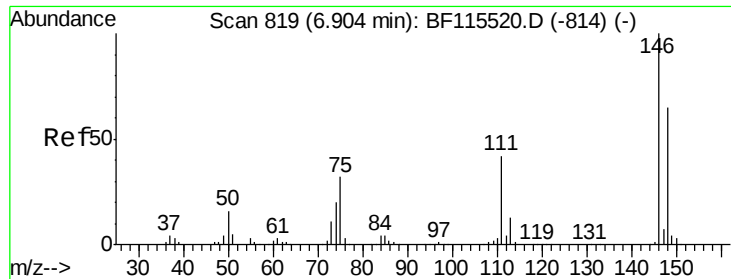
Abundance

Ion 146.00 (145.70 to 146.70): BF1

Ion 148.00 (147.70 to 148.70): BF1

Ion 75.00 (74.70 to 75.70): BF1

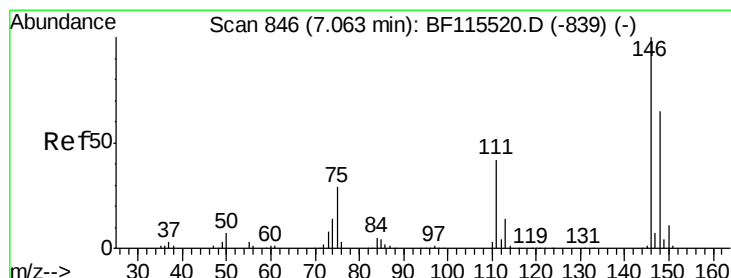
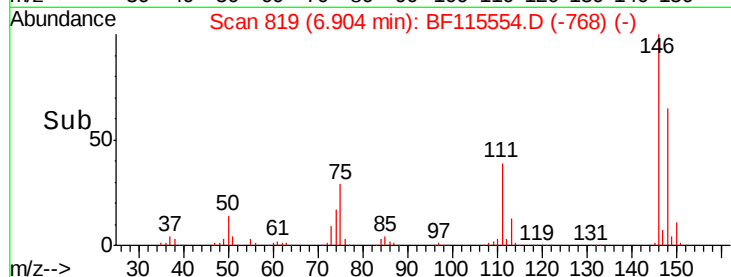
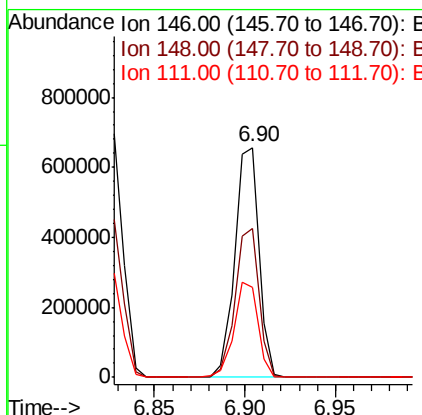
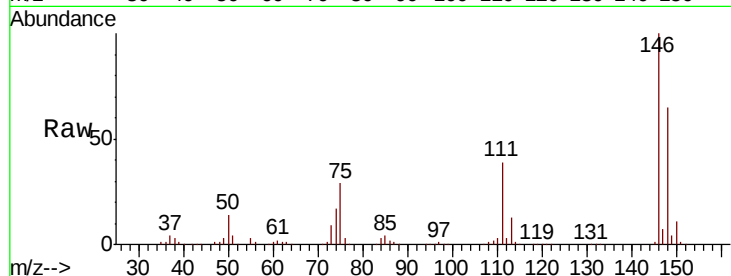




#13
 1,4-Dichlorobenzene
 Concen: 28.185 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

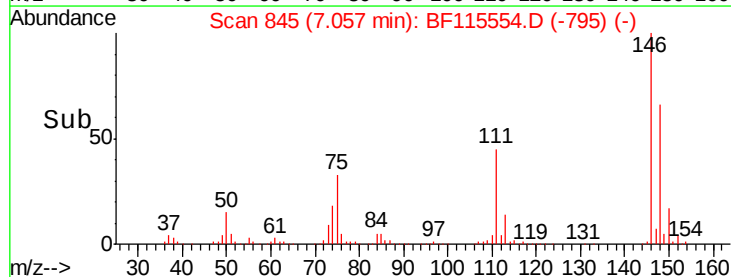
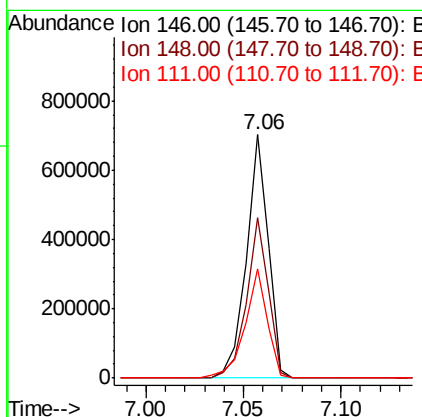
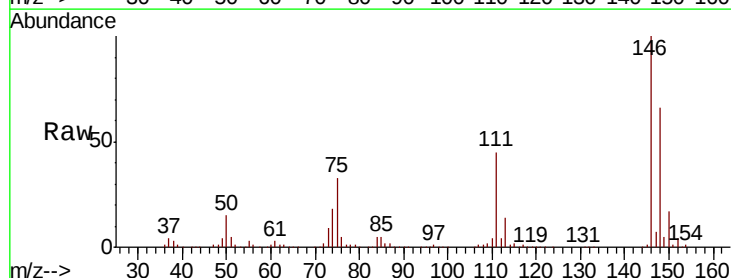
Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

Tot Ion:146 Resp: 611949
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.8 77.6
 111 39.0 35.5 53.3



#14
 1,2-Dichlorobenzene
 Concen: 27.482 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Tgt Ion:146 Resp: 545457
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.1 76.7
 111 44.8 37.6 56.4





#15

Benzyl Alcohol

Concen: 29.663 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

PB121170BS

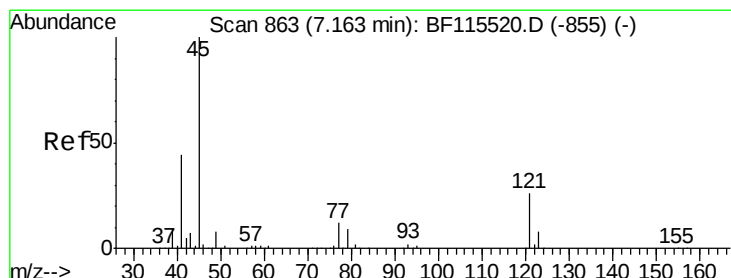
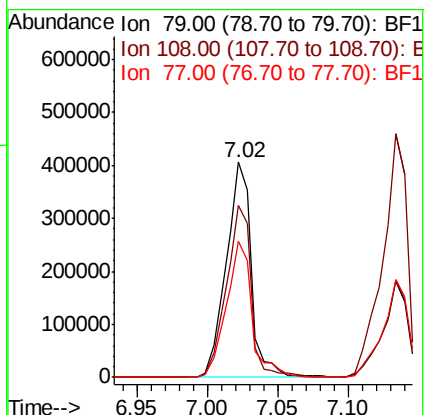
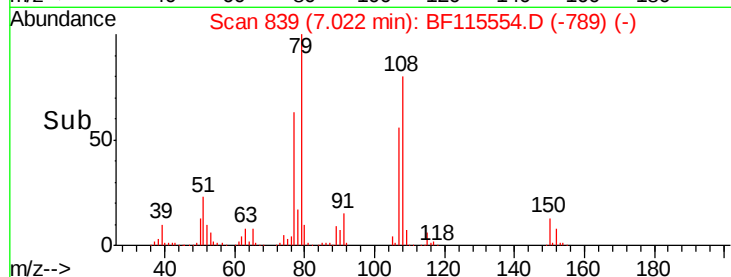
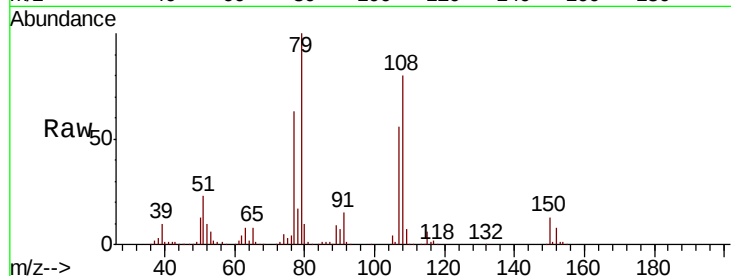
Tot Ion: 79 Resp: 502631

Ion Ratio Lower Upper

79 100

108 80.1 64.2 96.4

77 63.2 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.549 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

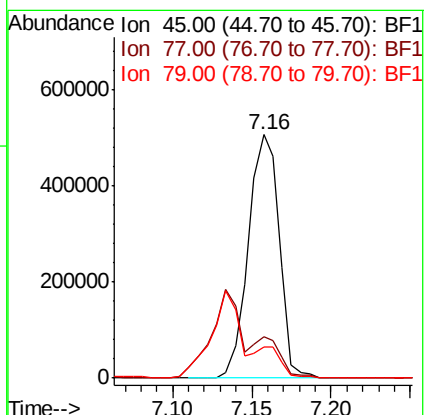
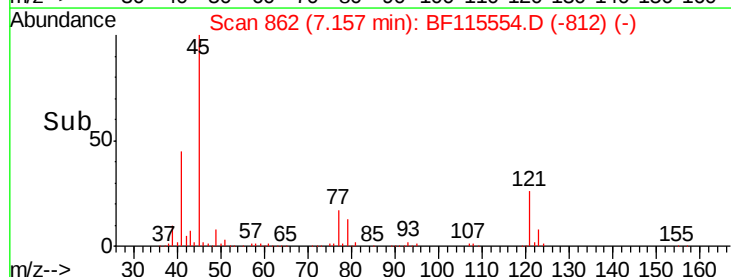
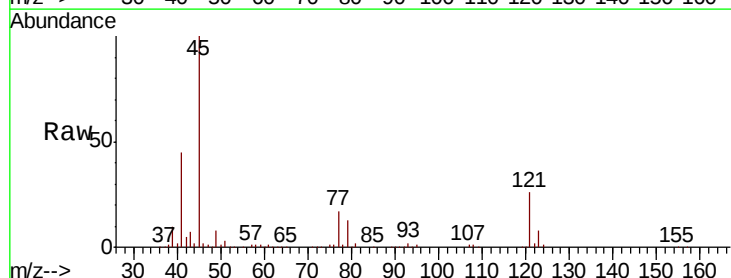
Tgt Ion: 45 Resp: 684727

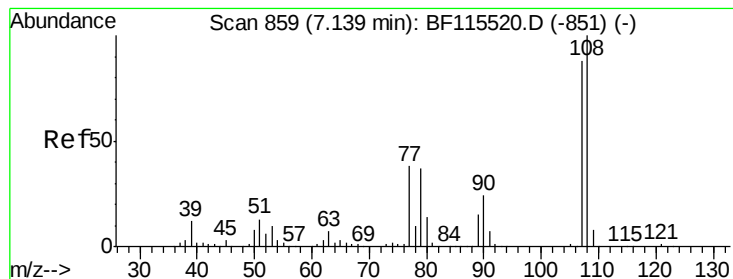
Ion Ratio Lower Upper

45 100

77 17.0 0.0 38.1

79 12.7 0.0 34.1

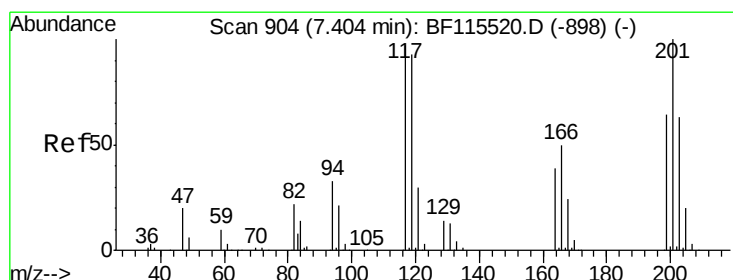
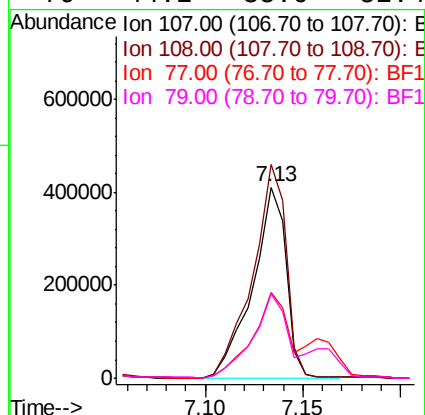
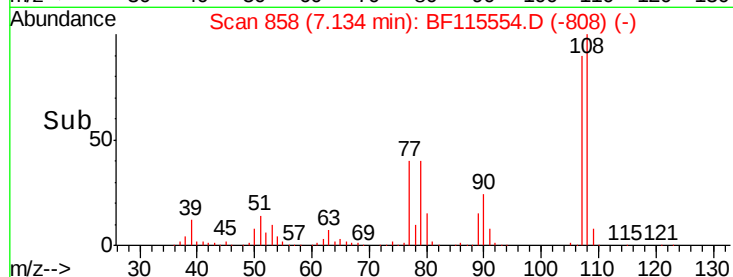
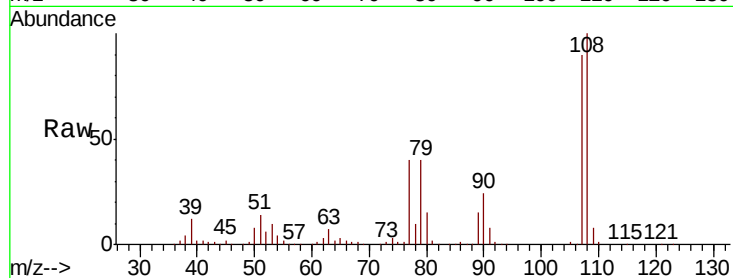




#17
2-Methylphenol
Concen: 29.270 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

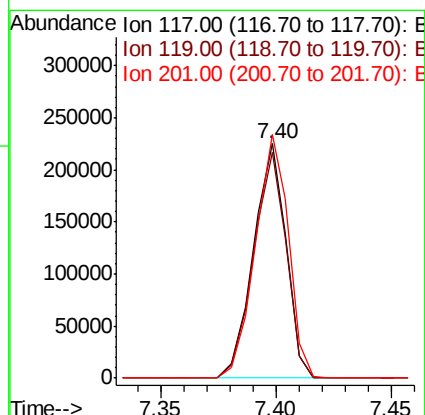
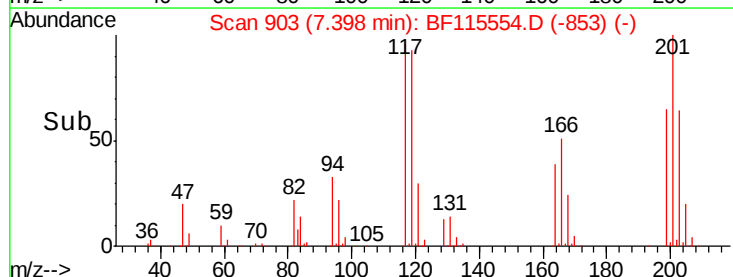
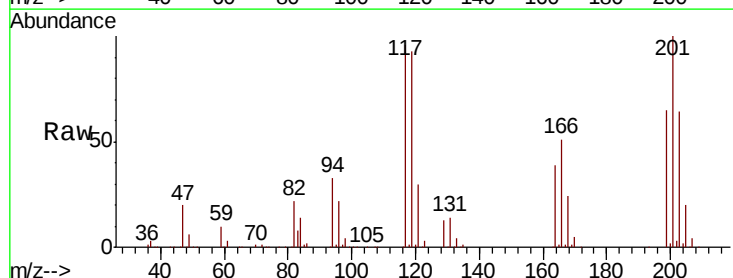
Instrument :
BNA_F
ClientSampleId :
PB121170BS

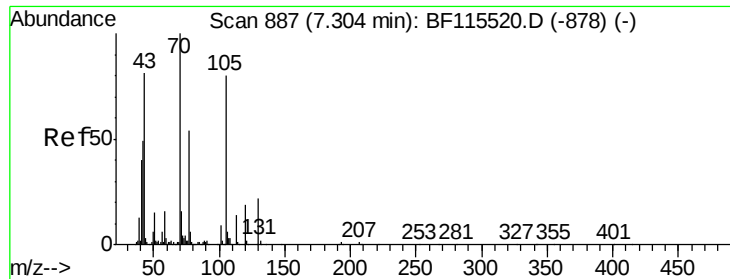
Tot Ion:107 Resp: 488204
Ion Ratio Lower Upper
107 100
108 111.6 89.4 134.2
77 44.6 35.7 53.5
79 44.2 35.0 52.4



#18
Hexachloroethane
Concen: 27.472 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion:117 Resp: 221391
Ion Ratio Lower Upper
117 100
119 96.5 77.7 116.5
201 103.8 86.0 129.0

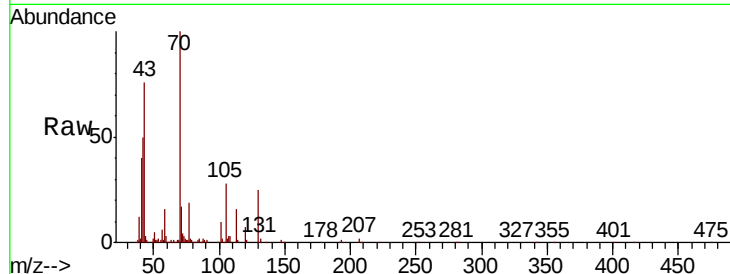




#19
n-Nitroso-di-n-propylamine
Concen: 27.955 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Instrument :
BNA_F
ClientSampleId :
PB121170BS

Tot Ion:	70	Resp:	389446
Ion	Ratio	Lower	Upper
70	100		
42	49.6	39.6	59.4
101	10.1	8.1	12.1
130	25.1	18.2	27.2



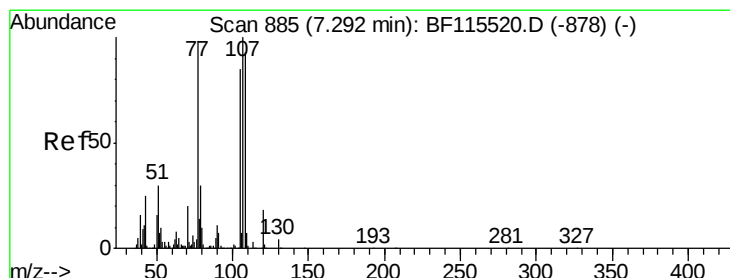
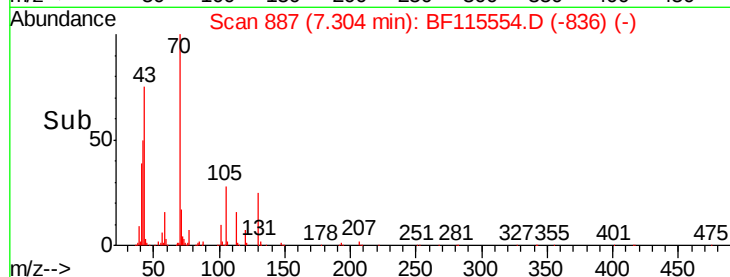
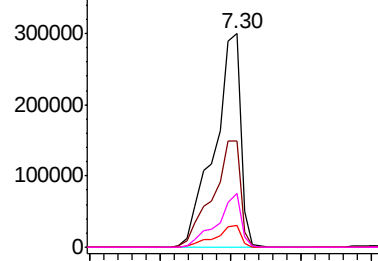
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

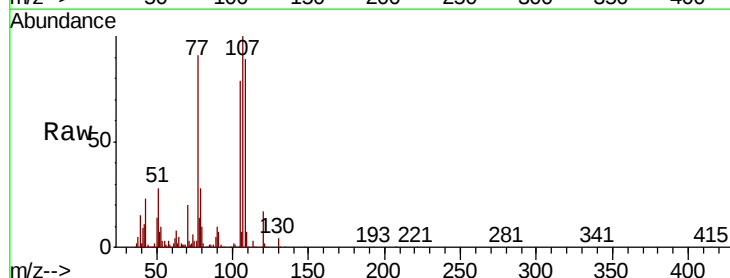
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 28.772 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion:	107	Resp:	570039
Ion	Ratio	Lower	Upper
107	100		
108	88.6	72.9	112.9
77	91.1	77.6	117.6
79	28.3	10.5	50.5



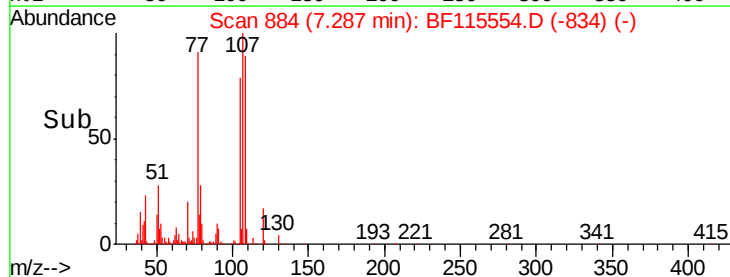
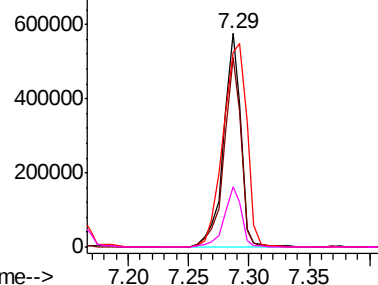
Abundance

Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

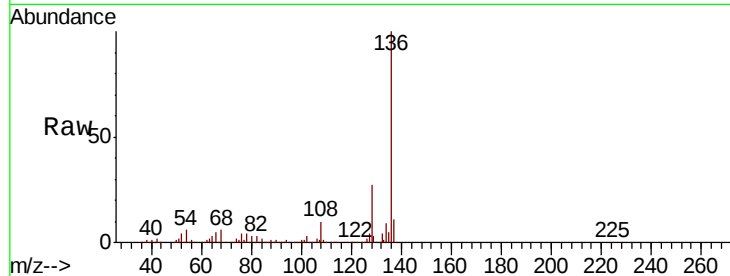




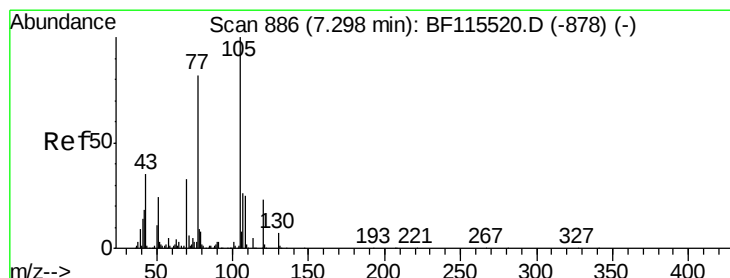
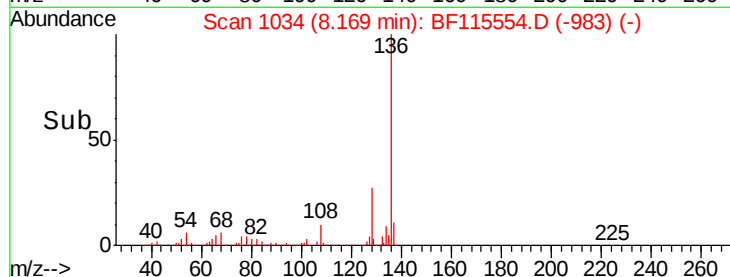
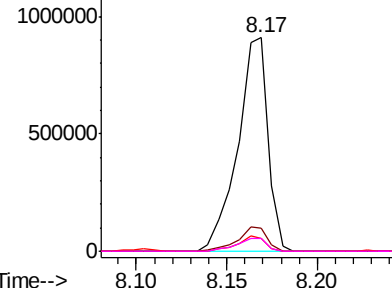
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Instrument :
BNA_F
ClientSampleId :
PB121170BS

Tot Ion:136	Resp: 1060618
Ion Ratio	Lower Upper
136 100	
137 10.9	9.0 13.4
54 6.3	5.6 8.4
68 5.8	5.0 7.6

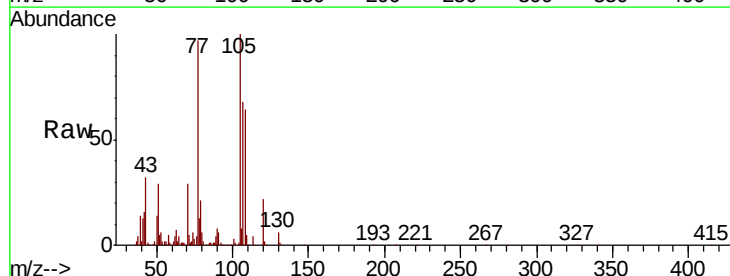


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

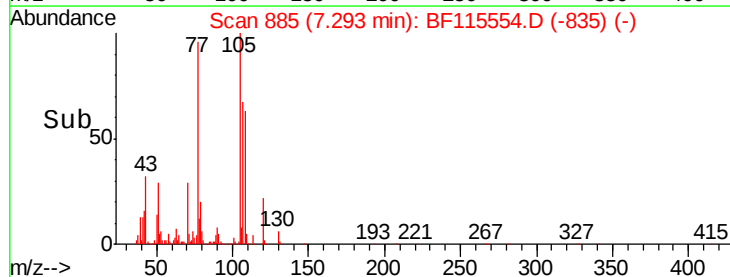
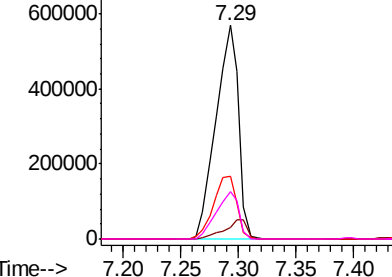


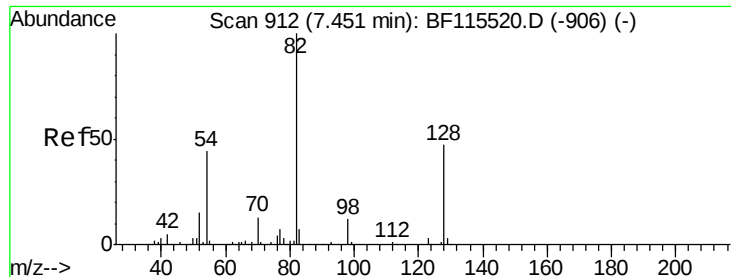
#22
Acetophenone
Concen: 32.148 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt	Ion:105	Resp:	770295
Ion	Ratio	Lower	Upper
105	100		
71	5.1	3.5	5.3
51	29.1	25.6	38.4
120	22.3	17.9	26.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

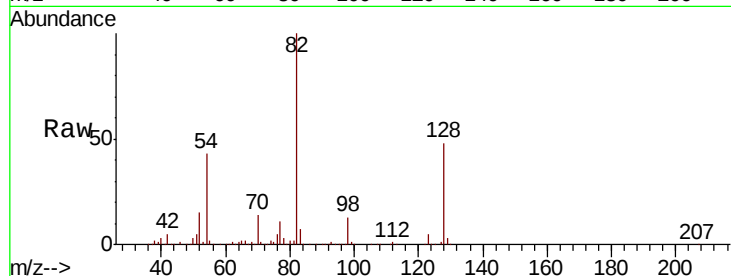




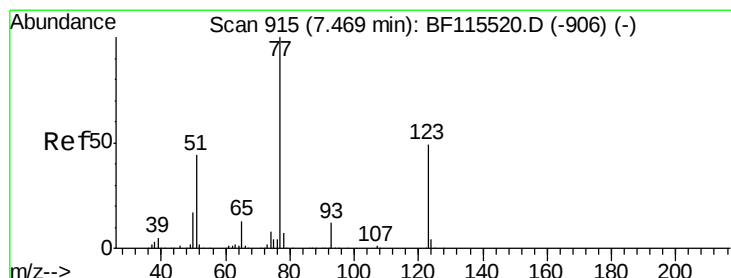
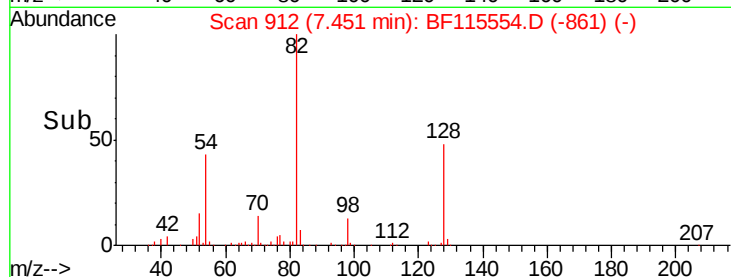
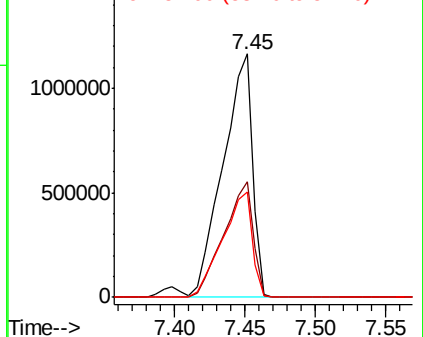
#23
 Nitrobenzene-d5
 Concen: 92.434 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

Tot Ion: 82 Resp: 1686042
 Ion Ratio Lower Upper
 82 100
 128 47.6 38.6 57.8
 54 43.1 35.6 53.4

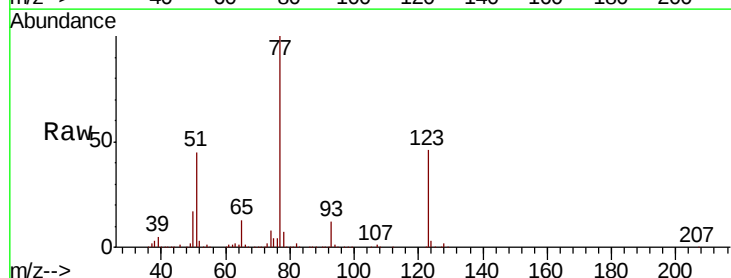


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

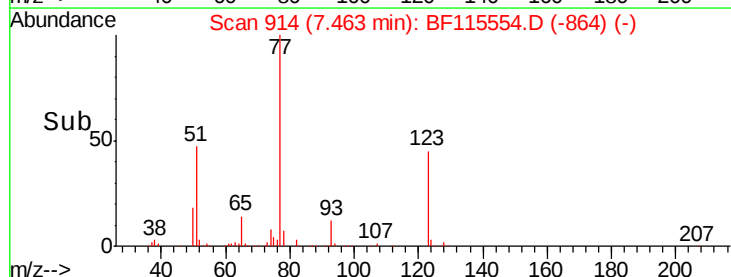
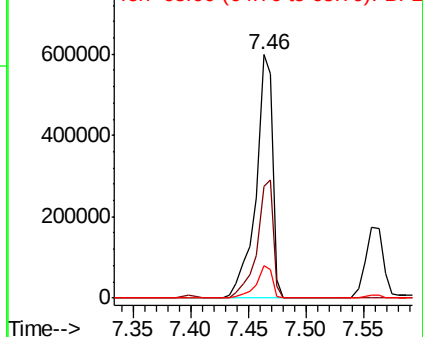


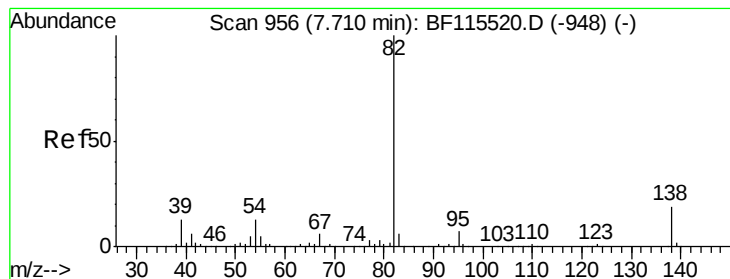
#24
 Nitrobenzene
 Concen: 30.559 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Tgt Ion: 77 Resp: 601214
 Ion Ratio Lower Upper
 77 100
 123 45.9 40.0 60.0
 65 13.3 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: 30.035 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

PB121170BS

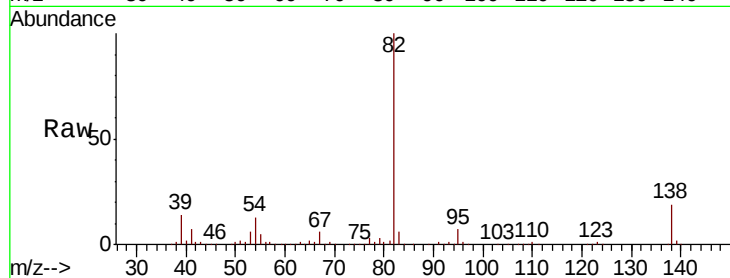
Tot Ion: 82 Resp: 1096260

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

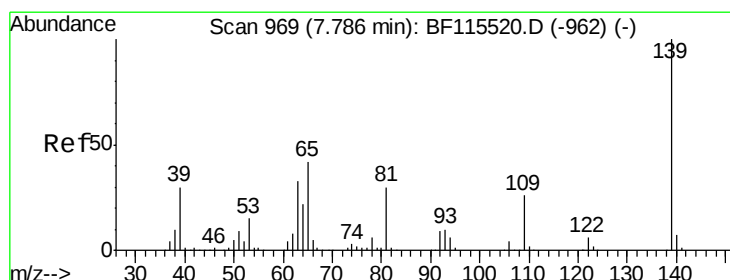
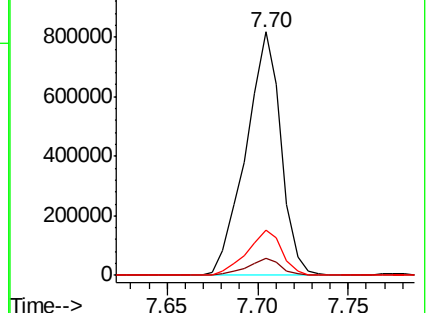
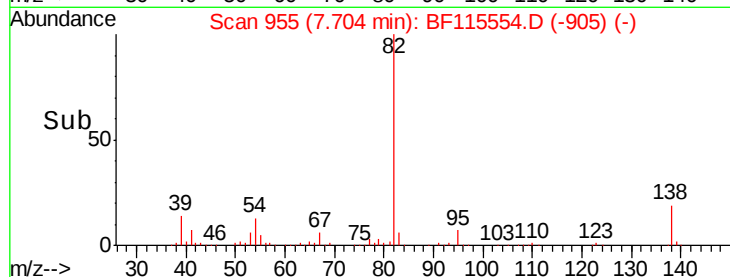
138 18.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 30.867 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

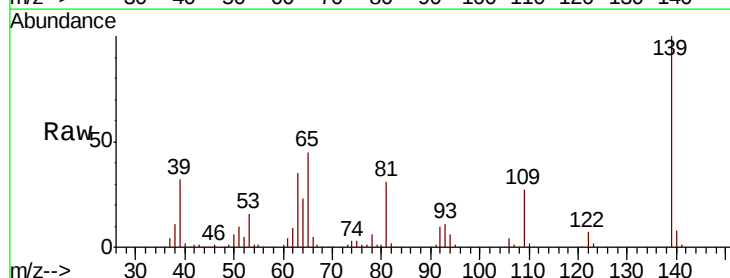
Tgt Ion: 139 Resp: 312573

Ion Ratio Lower Upper

139 100

109 27.4 23.3 34.9

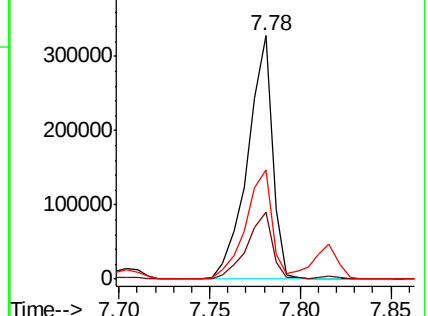
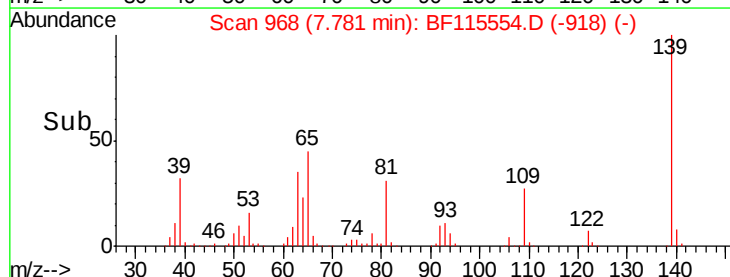
65 44.9 37.9 56.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

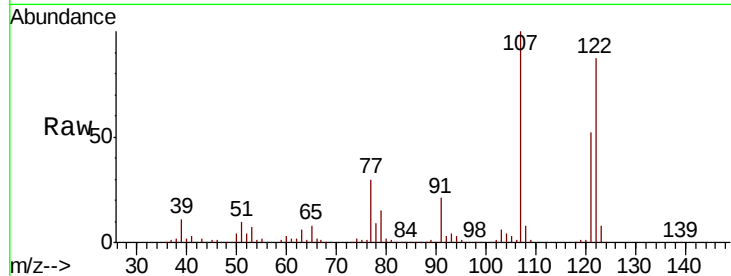




#27
2,4-Dimethylphenol
Concen: 35.166 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Instrument :
BNA_F
ClientSampleId :
PB121170BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.5	92.9	139.3
121	59.2	46.9	70.3

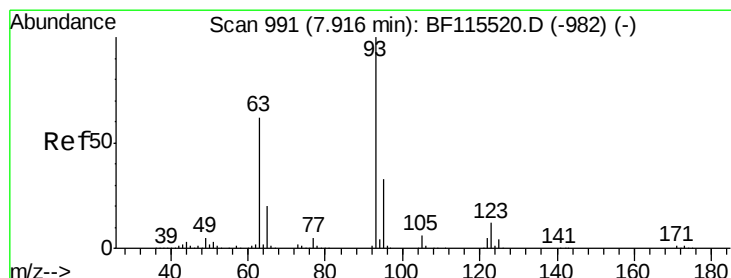
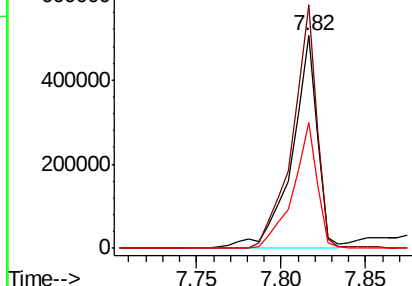
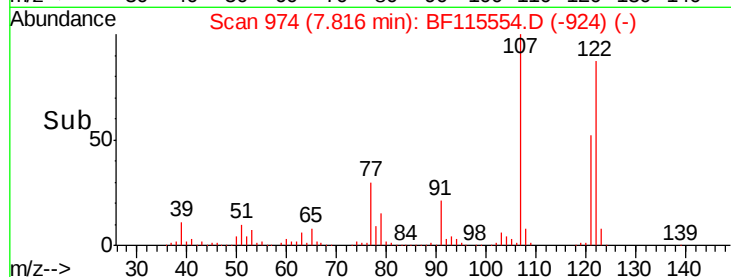


Abundance

Ion 122.00 (121.70 to 122.70): E

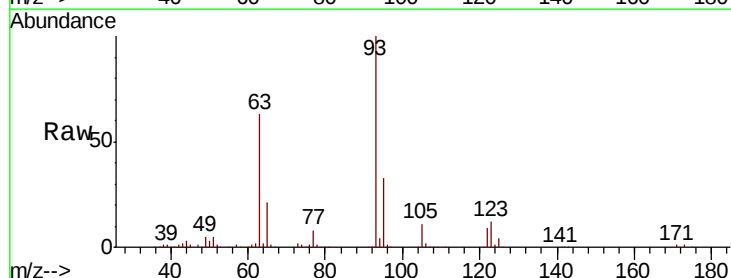
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 30.361 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	27.0	40.4
123	12.0	9.9	14.9

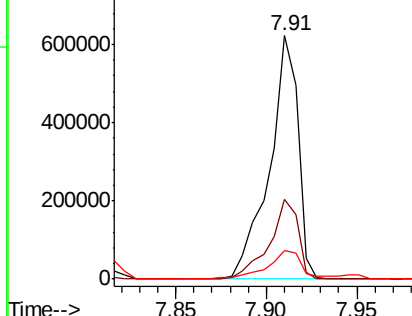
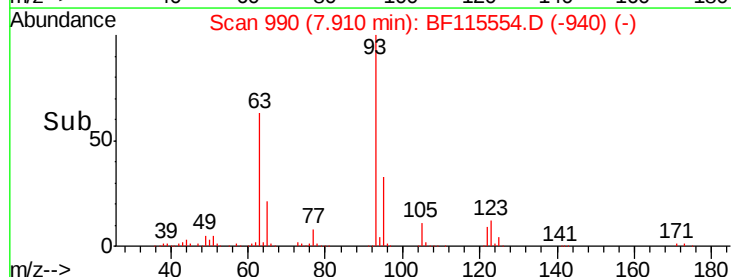


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

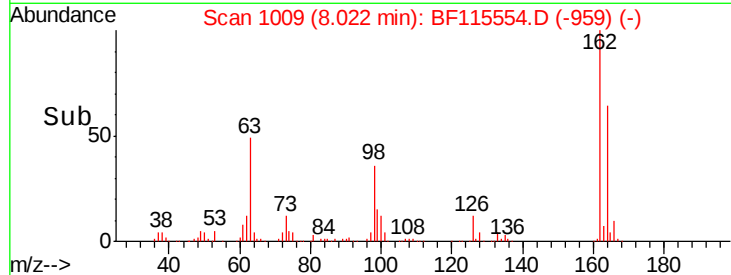
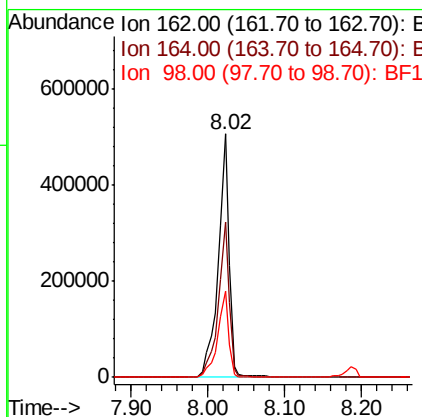
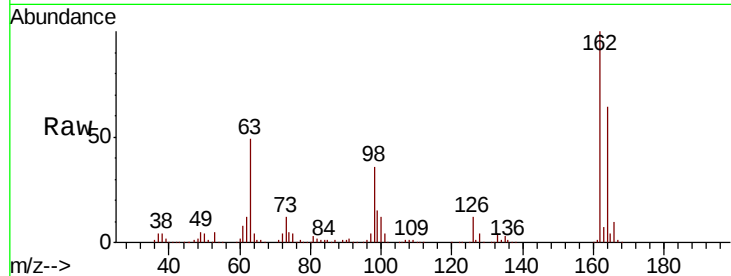




#29
 2,4-Dichlorophenol
 Concen: 31.274 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

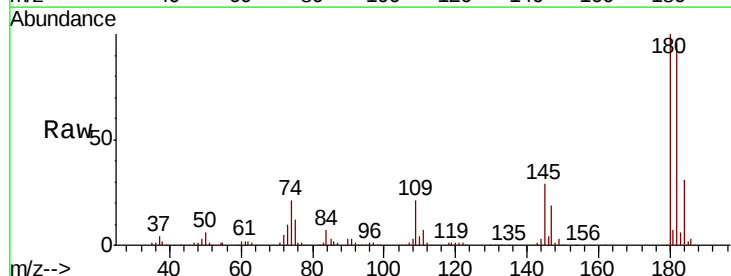
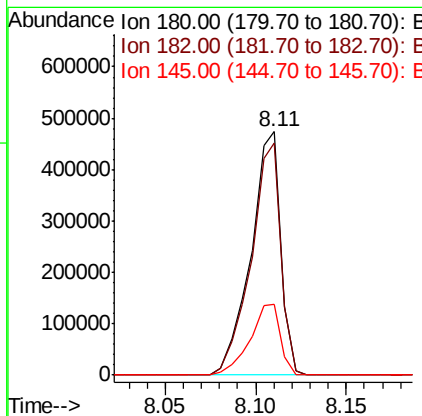
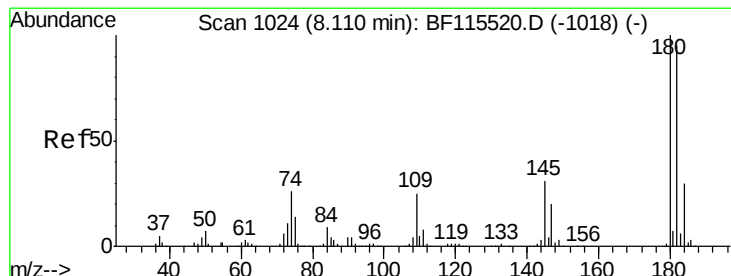
Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

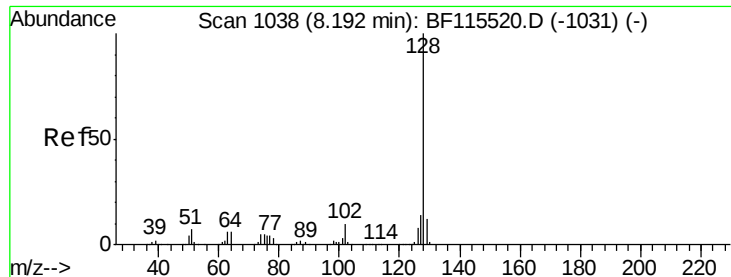
Tot Ion:162 Resp: 492811
 Ion Ratio Lower Upper
 162 100
 164 63.9 44.9 84.9
 98 35.5 17.7 57.7



#30
 1,2,4-Trichlorobenzene
 Concen: 30.464 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Tgt Ion:180 Resp: 542629
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.0 112.6
 145 28.9 25.1 37.7

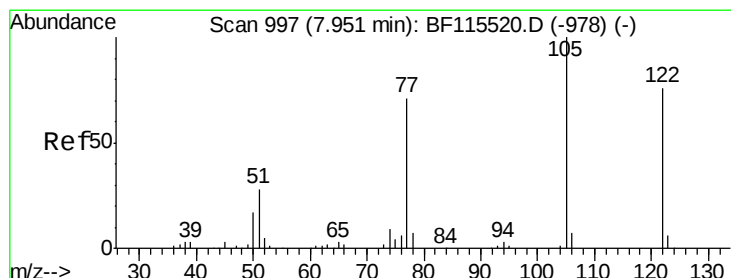
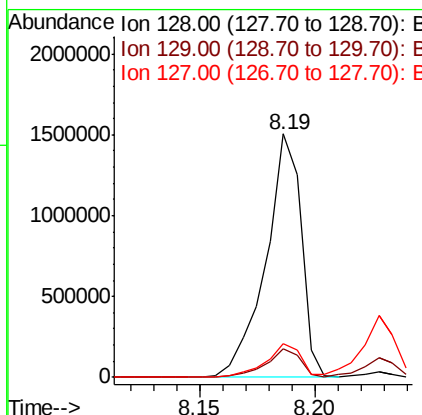
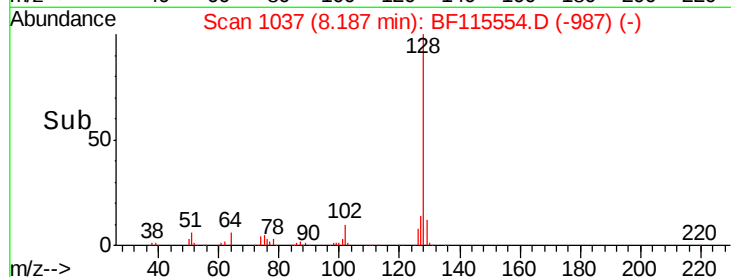
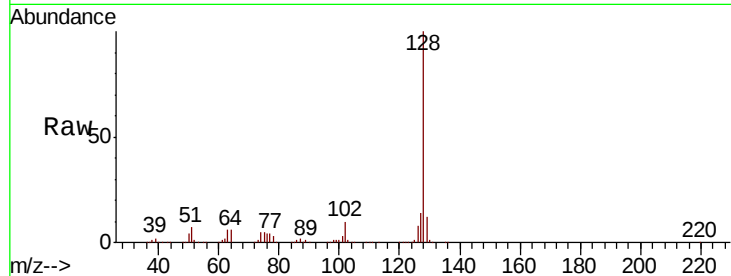




#31
Naphthalene
Concen: 31.219 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

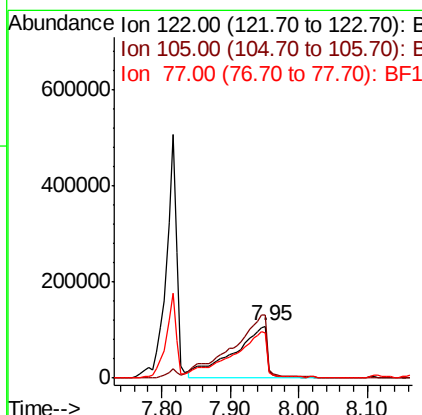
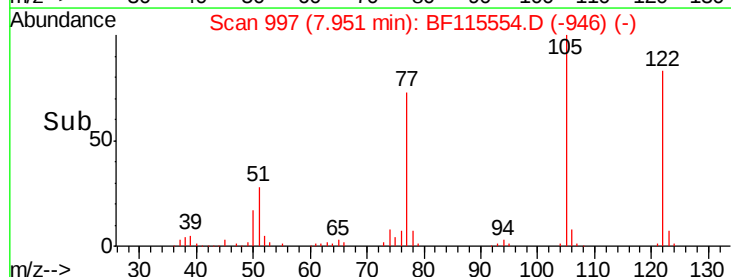
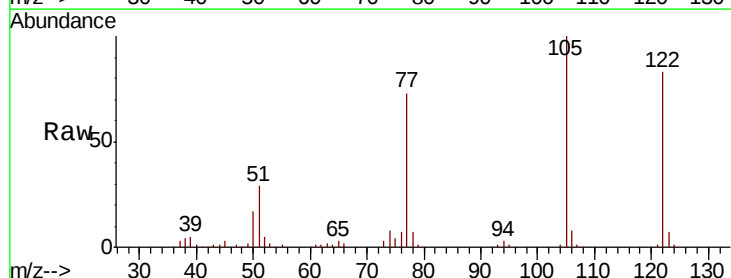
Instrument :
BNA_F
ClientSampleId :
PB121170BS

Tot Ion:128 Resp: 1603605
Ion Ratio Lower Upper
128 100
129 11.8 9.9 14.9
127 13.8 12.1 18.1



#32
Benzoic acid
Concen: 30.463 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion:122 Resp: 378786
Ion Ratio Lower Upper
122 100
105 119.9 102.5 142.5
77 88.0 70.2 110.2

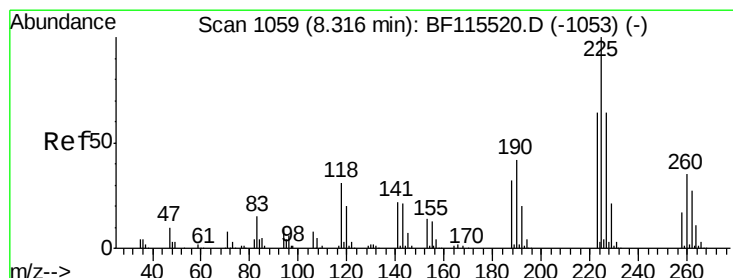
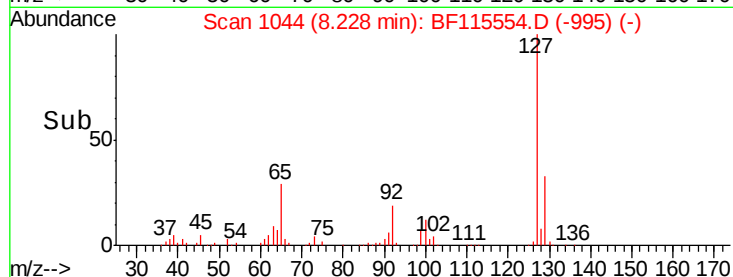
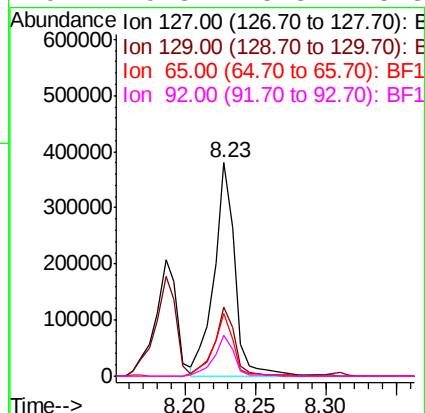
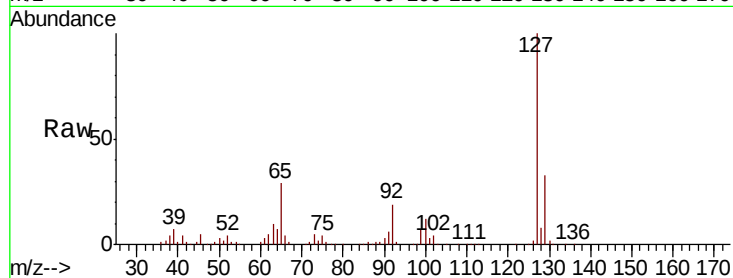




#33
4-Chloroaniline
Concen: 17.101 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

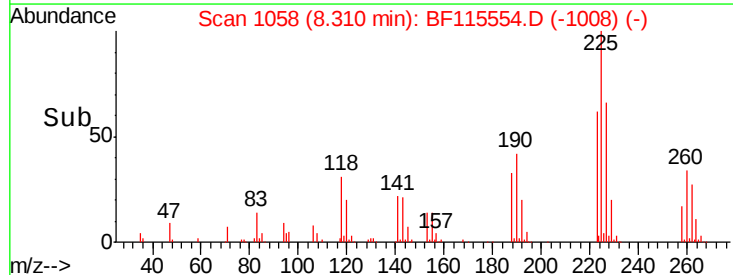
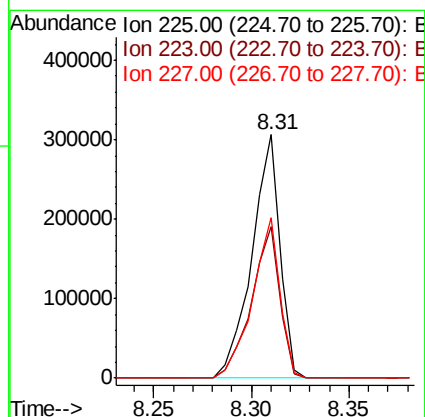
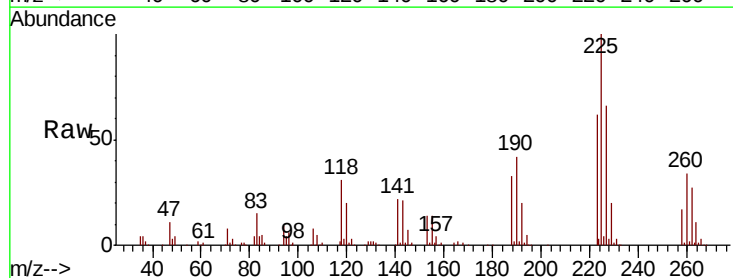
Instrument :
BNA_F
ClientSampleId :
PB121170BS

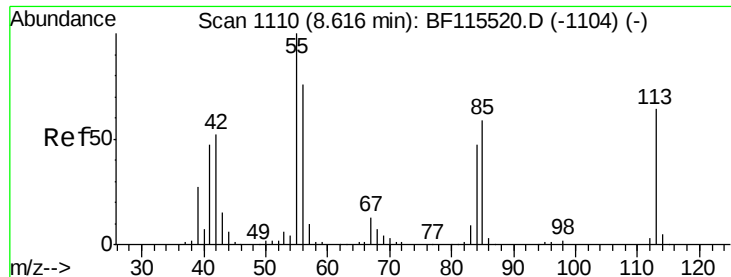
Tot Ion:	127	Resp:	389098
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	39.8
65	29.5	23.7	35.5
92	19.3	15.8	23.8



#34
Hexachlorobutadiene
Concen: 29.907 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion:	225	Resp:	305478
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.9	76.3
227	65.7	50.7	76.1

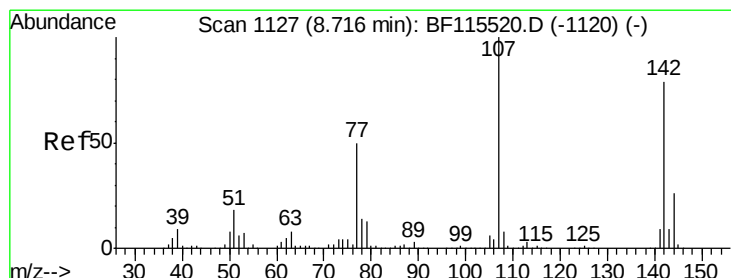
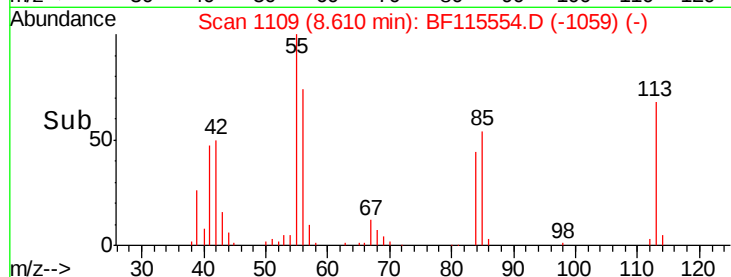
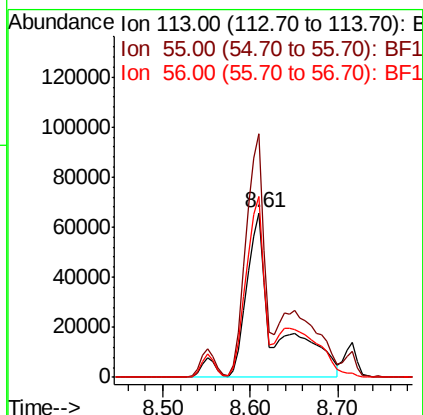
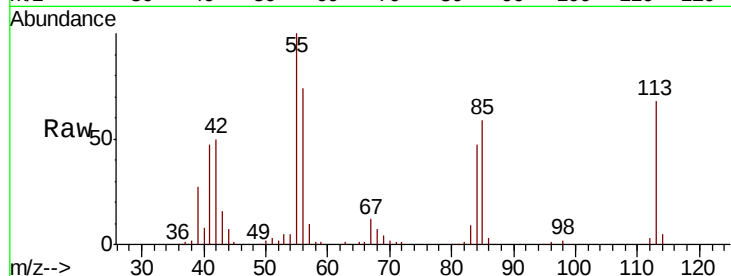




#35
 Caprolactam
 Concen: 32.706 ng/ml
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

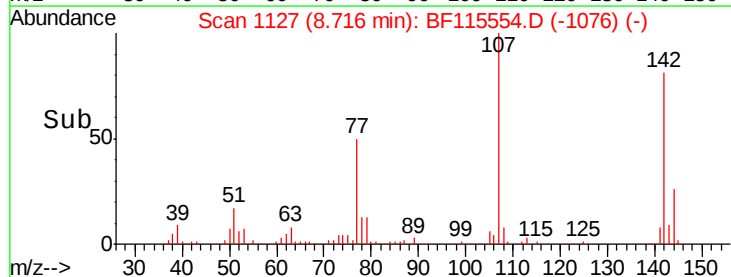
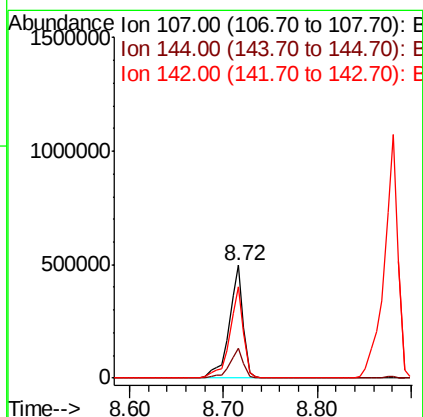
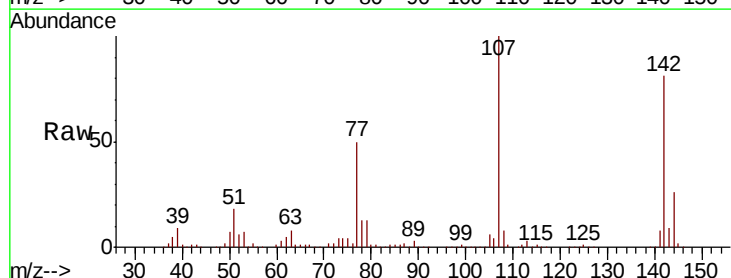
Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

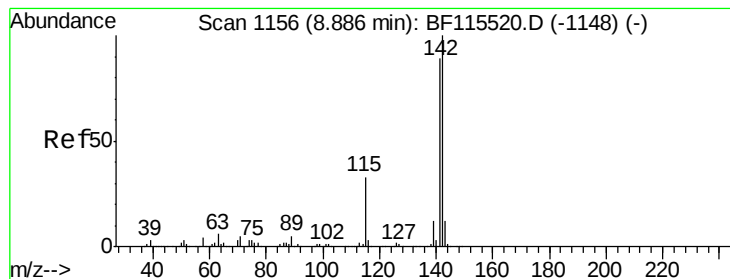
Tot Ion:113 Resp: 159257
 Ion Ratio Lower Upper
 113 100
 55 147.9 126.9 166.9
 56 109.8 90.3 130.3



#36
 4-Chloro-3-methylphenol
 Concen: 31.088 ng/ml
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Tgt Ion:107 Resp: 508148
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.6 30.8
 142 81.3 63.1 94.7





#37

2-Methylnaphthalene

Concen: 32.035 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

PB121170BS

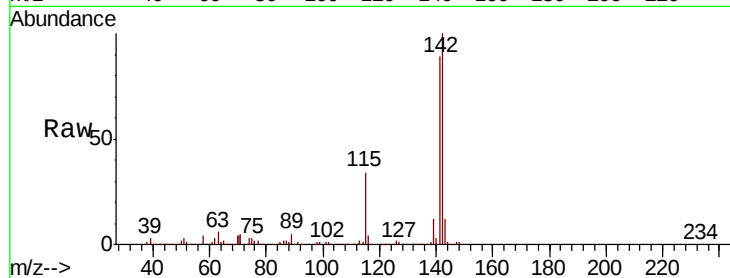
Tot Ion:142 Resp: 1090740

Ion Ratio Lower Upper

142 100

141 89.0 72.0 108.0

115 34.2 29.9 44.9

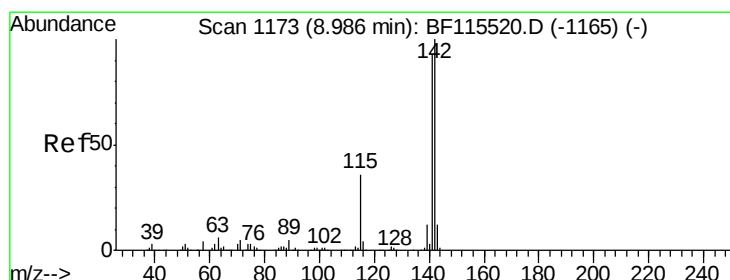
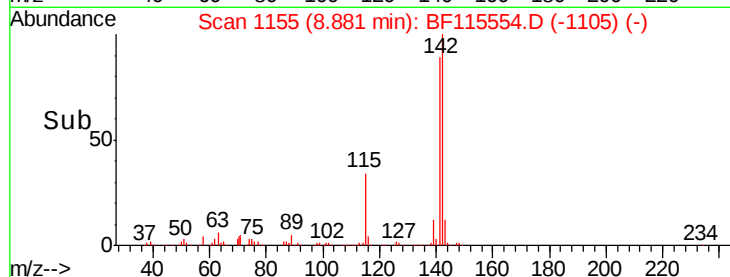
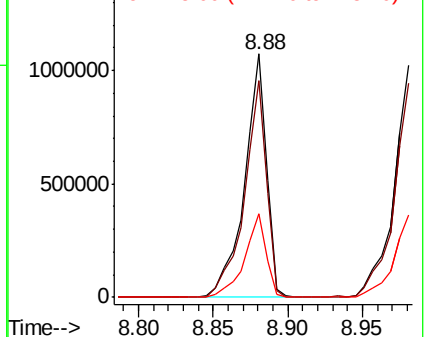


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 31.431 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

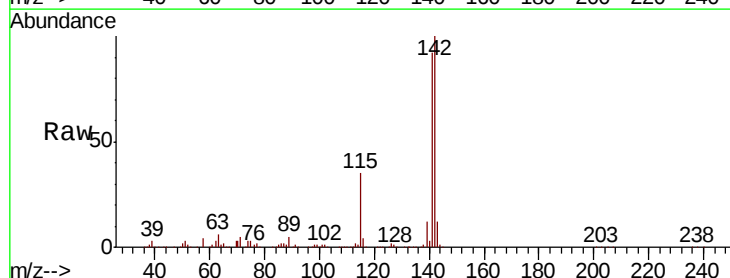
Tgt Ion:142 Resp: 1016500

Ion Ratio Lower Upper

142 100

141 91.9 75.3 112.9

116 3.8 3.3 4.9

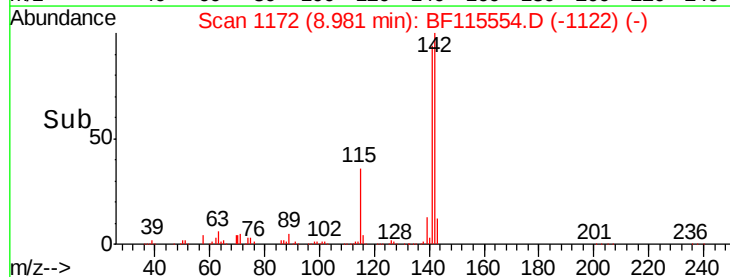
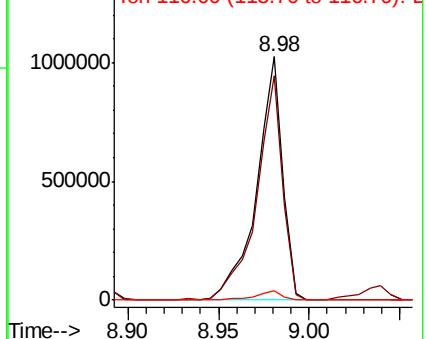


Abundance

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

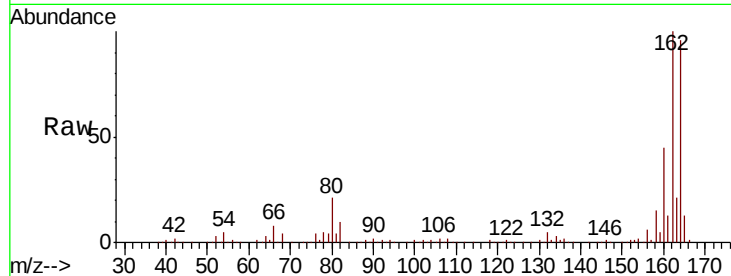




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Instrument :
BNA_F
ClientSampleId :
PB121170BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.9	124.3
160	46.4	36.8	55.2

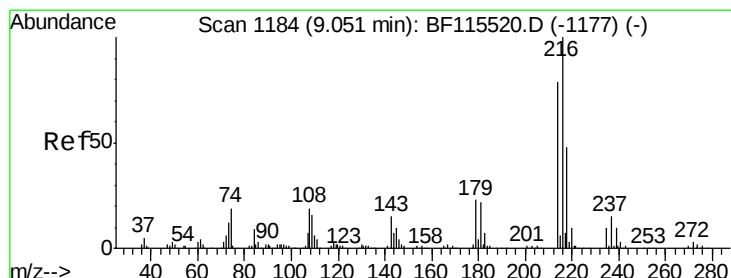
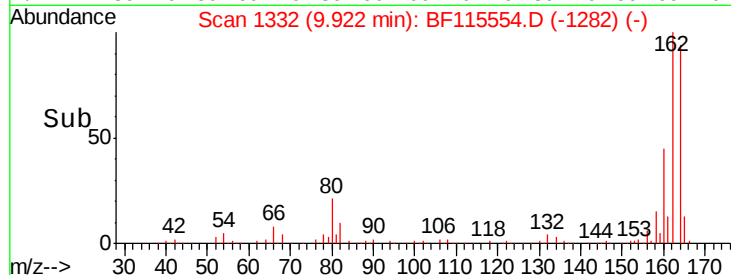
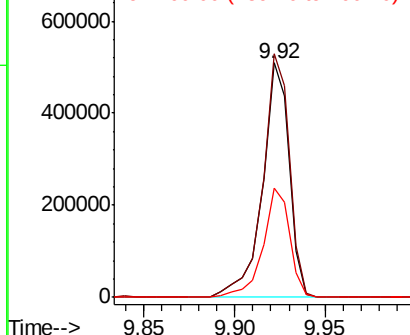


Abundance

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: 31.375 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	65.1	97.7
179	21.8	18.3	27.5
108	20.8	15.7	23.5

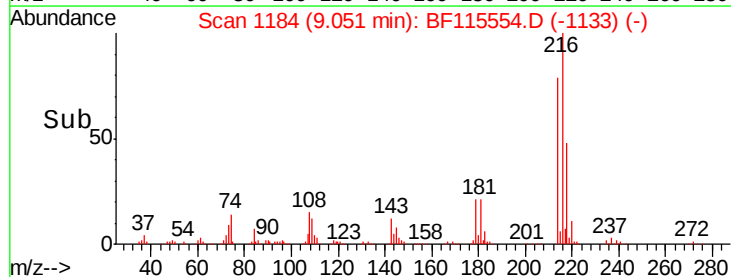
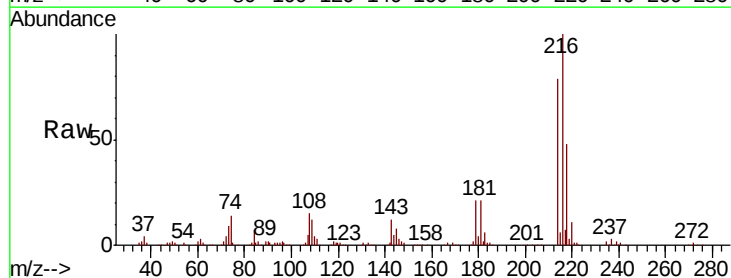
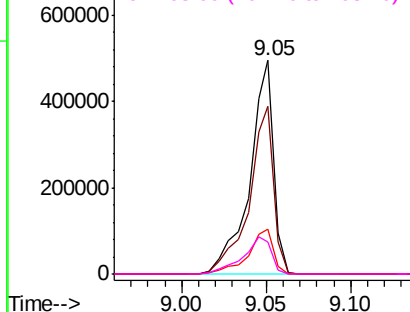
Abundance

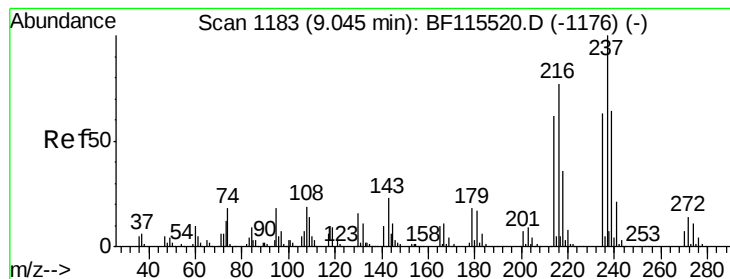
Ion 216.00 (215.70 to 216.70): E

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: 58.225 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

PB121170BS

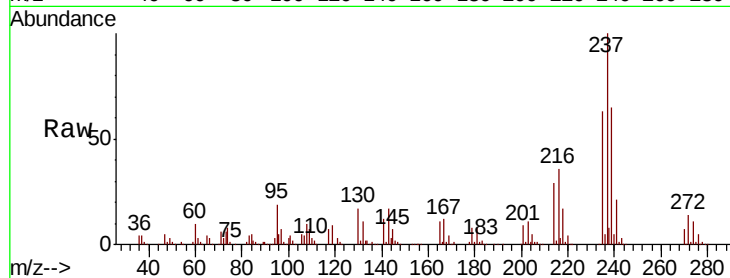
Tot Ion:237 Resp: 520940

Ion Ratio Lower Upper

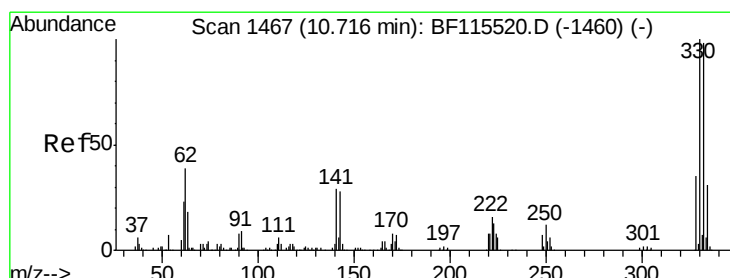
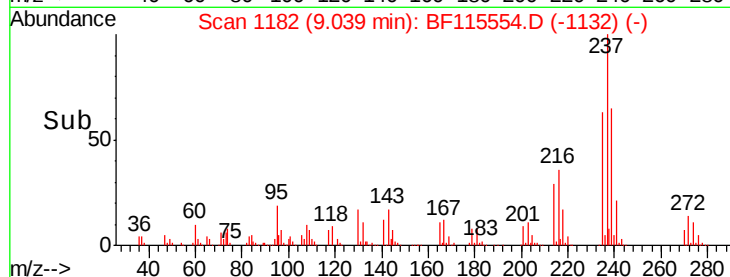
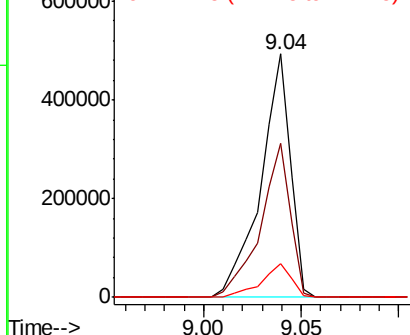
237 100

235 63.5 43.6 83.6

272 13.8 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: 133.768 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

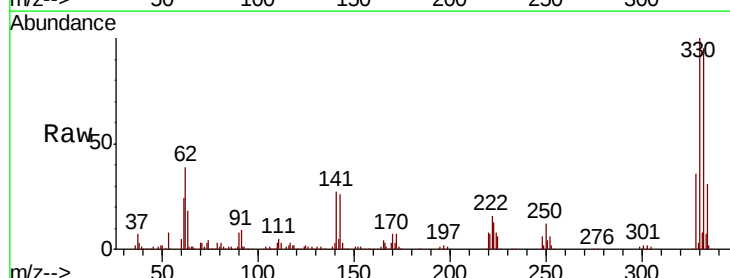
Tgt Ion:330 Resp: 813245

Ion Ratio Lower Upper

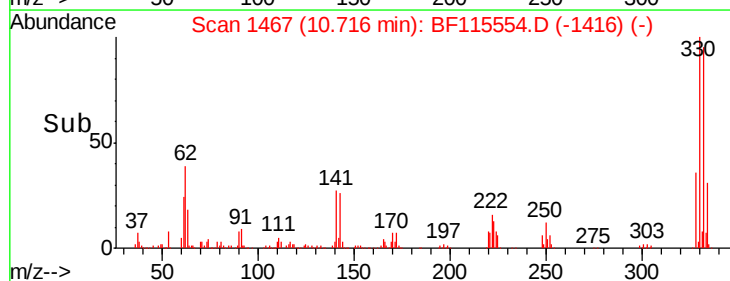
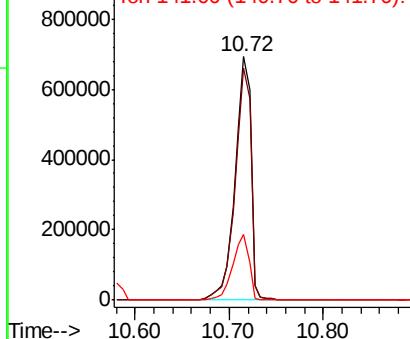
330 100

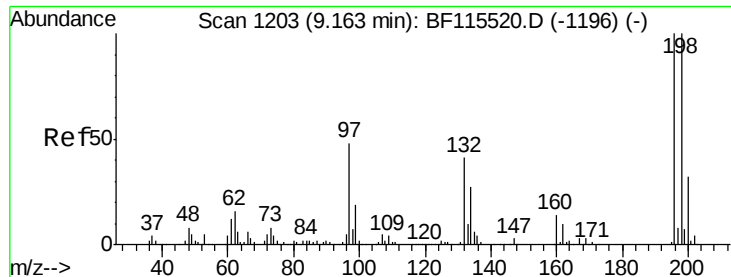
332 95.4 77.4 116.2

141 27.9 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

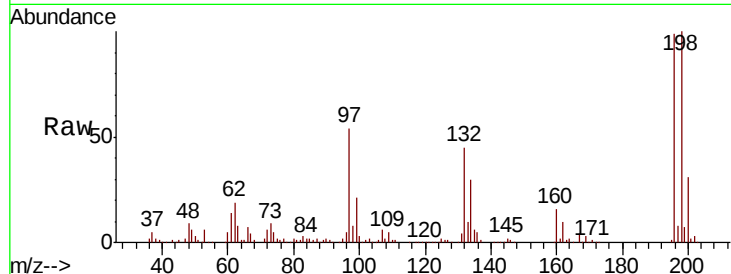




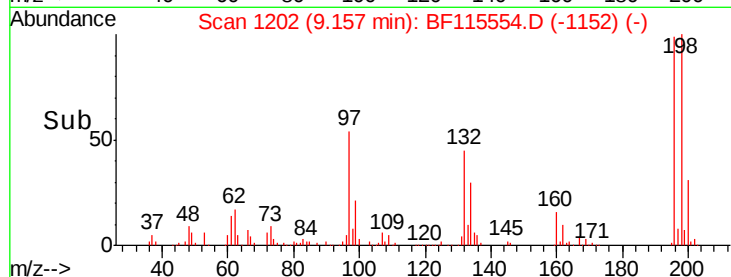
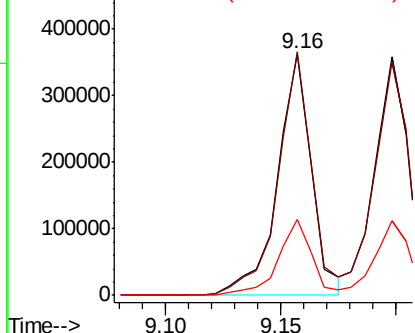
#43
 2,4,6-Trichlorophenol
 Concen: 32.089 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

Tot Ion:196 Resp: 368064
 Ion Ratio Lower Upper
 196 100
 198 100.8 80.6 121.0
 200 31.6 25.8 38.6



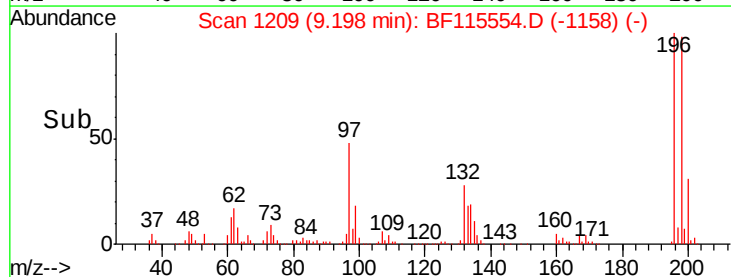
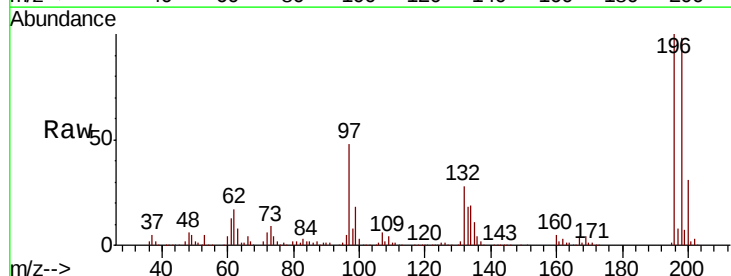
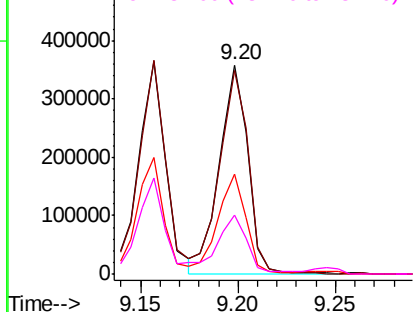
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

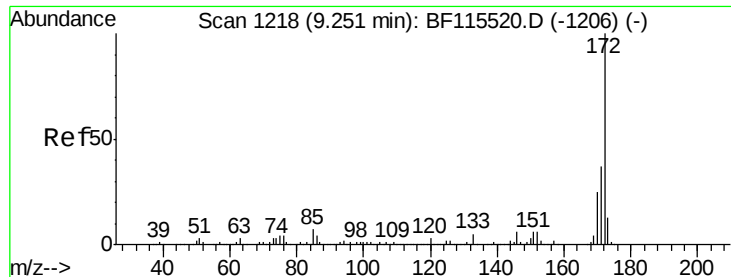


#44
 2,4,5-Trichlorophenol
 Concen: 30.701 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Tgt Ion:196 Resp: 360630
 Ion Ratio Lower Upper
 196 100
 198 97.7 79.6 119.4
 97 47.9 37.8 56.6
 132 28.2 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

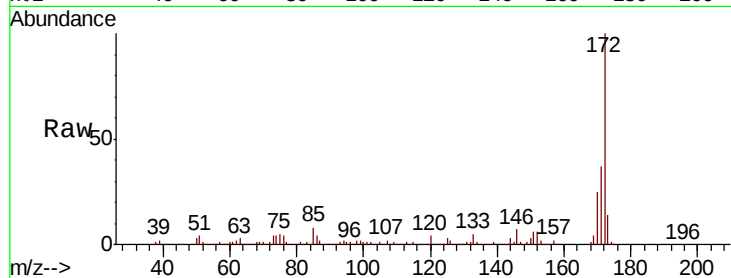




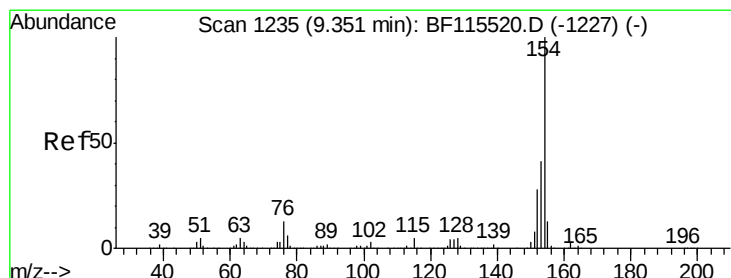
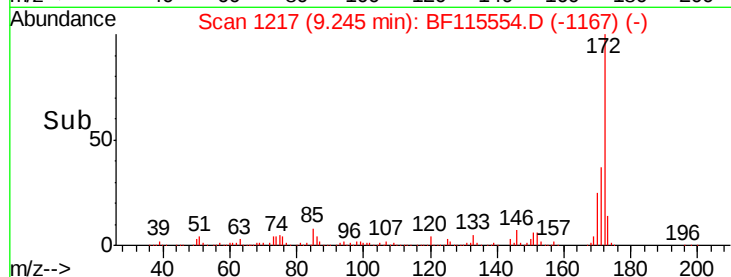
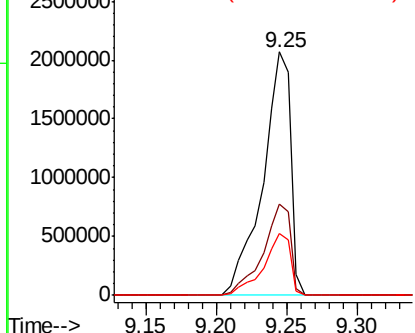
#45
2-Fluorobiphenyl
Concen: 96.686 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Instrument :
BNA_F
ClientSampleId :
PB121170BS

Tot Ion:172 Resp: 2877164
Ion Ratio Lower Upper
172 100
171 37.5 30.6 46.0
170 25.3 20.5 30.7

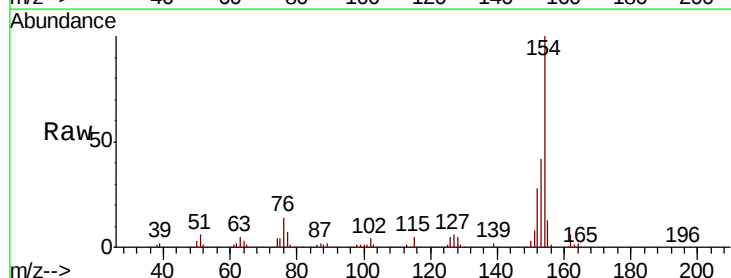


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

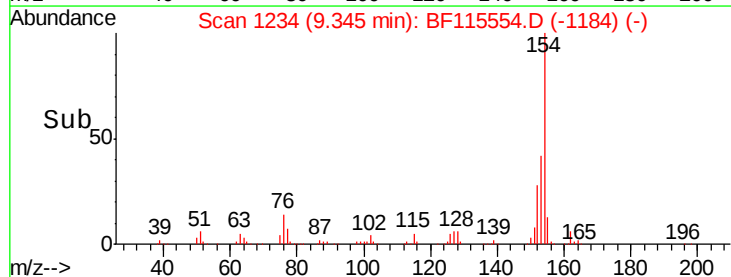
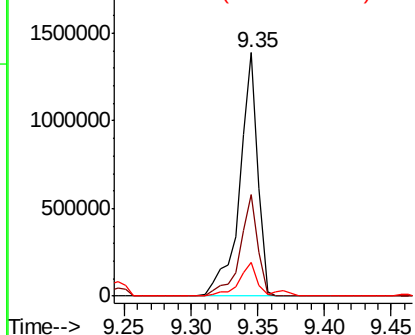


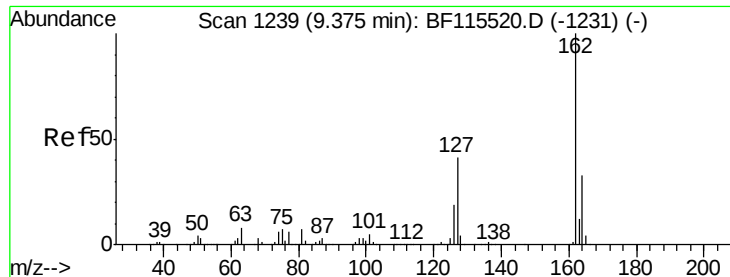
#46
1,1'-Biphenyl
Concen: 32.275 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion:154 Resp: 1314199
Ion Ratio Lower Upper
154 100
153 41.6 22.6 62.6
76 13.9 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

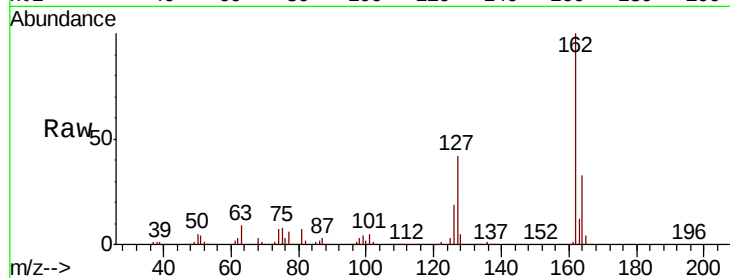




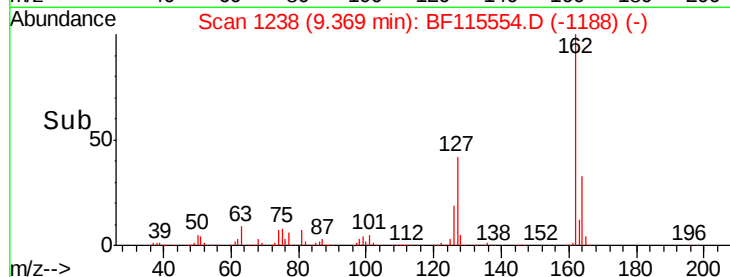
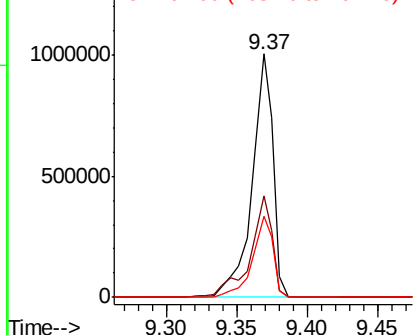
#47
 2-Chloronaphthalene
 Concen: 30.761 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

Tot Ion:162 Resp: 1042932
 Ion Ratio Lower Upper
 162 100
 127 41.7 34.1 51.1
 164 33.2 27.4 41.2

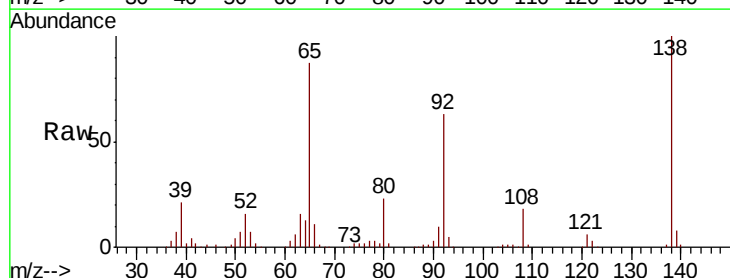


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

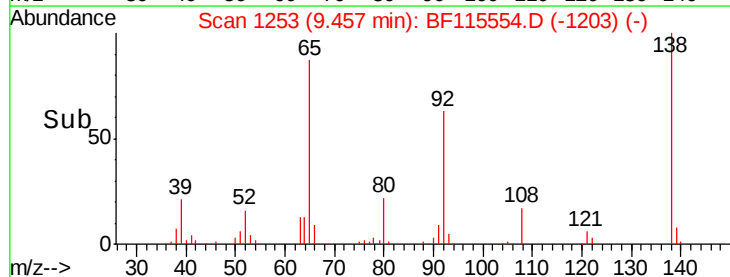
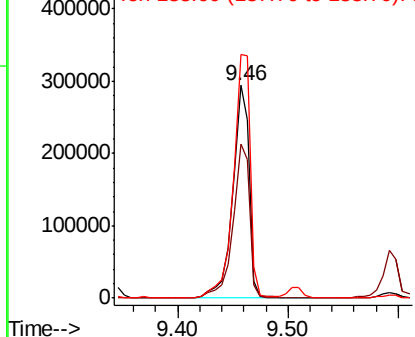


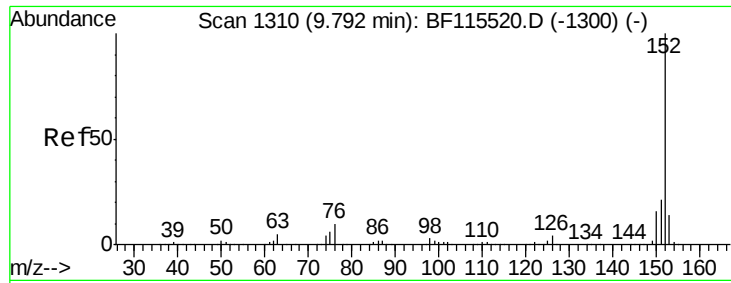
#48
 2-Nitroaniline
 Concen: 29.316 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Tgt Ion: 65 Resp: 307643
 Ion Ratio Lower Upper
 65 100
 92 72.6 57.8 86.6
 138 114.6 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: 31.239 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

PB121170BS

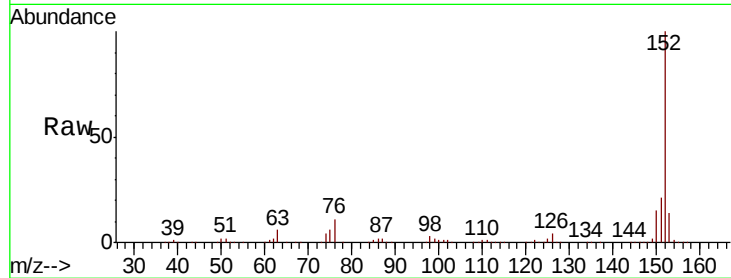
Tot Ion:152 Resp: 1569389

Ion Ratio Lower Upper

152 100

151 21.1 17.7 26.5

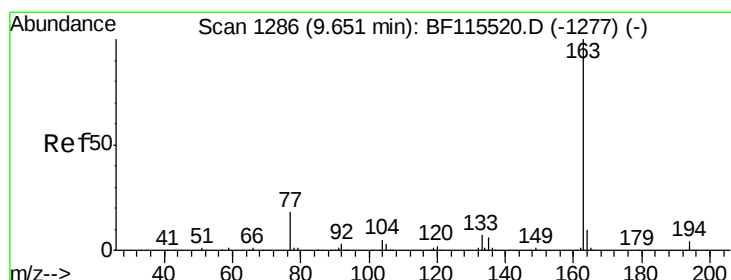
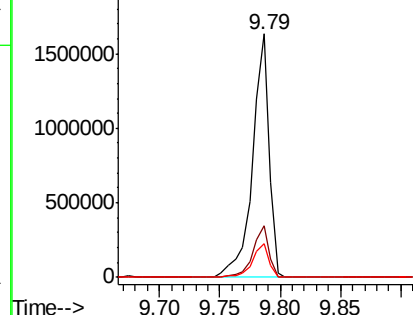
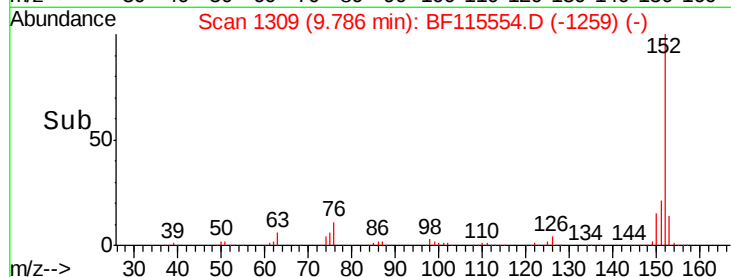
153 14.0 12.0 18.0



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: 30.361 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

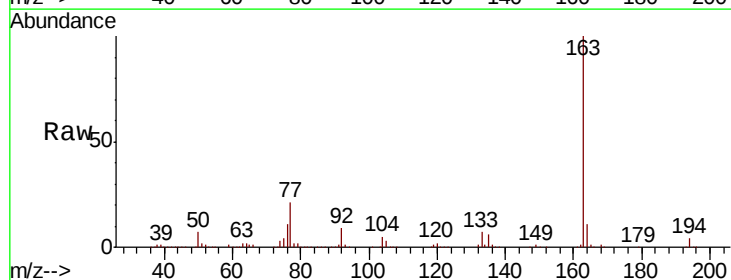
Tgt Ion:163 Resp: 1189745

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

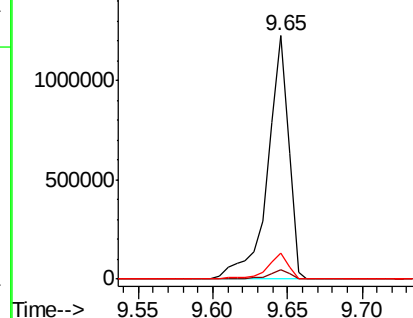
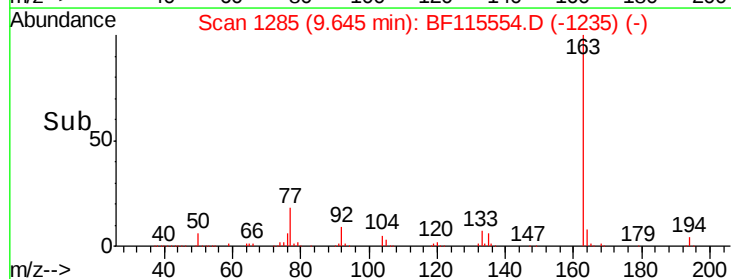
164 10.9 8.7 13.1

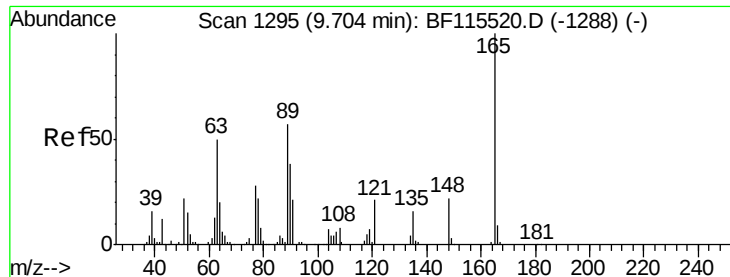


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

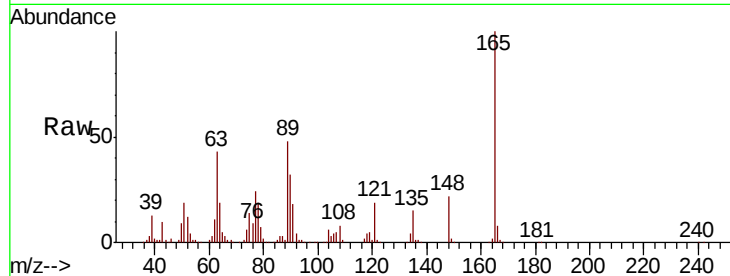




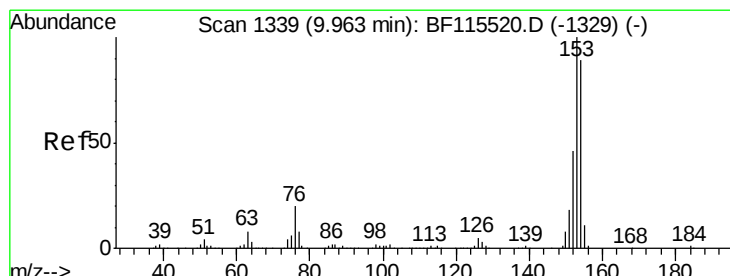
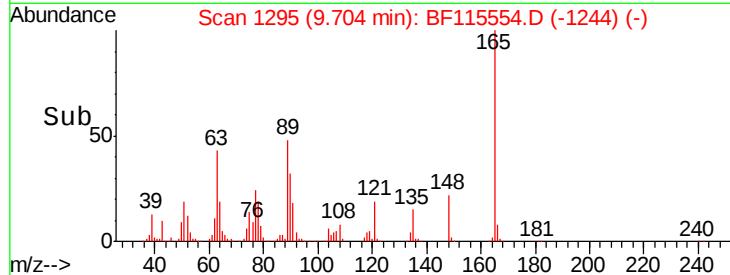
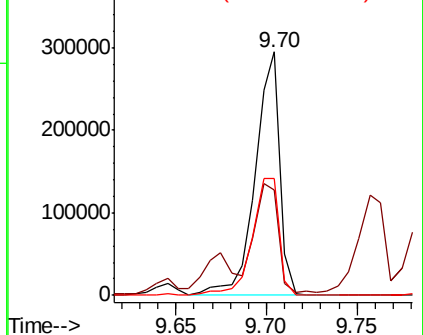
#51
 2,6-Dinitrotoluene
 Concen: 31.131 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

Tot Ion:165 Resp: 277232
 Ion Ratio Lower Upper
 165 100
 63 43.2 40.6 61.0
 89 48.1 43.9 65.9

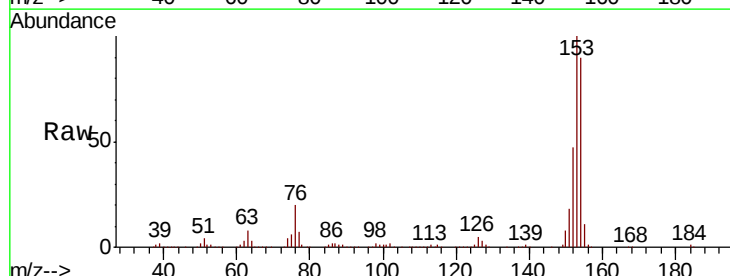


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

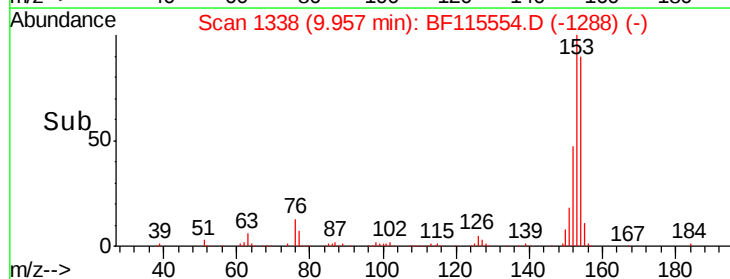
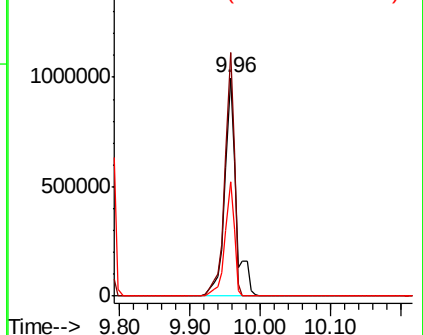


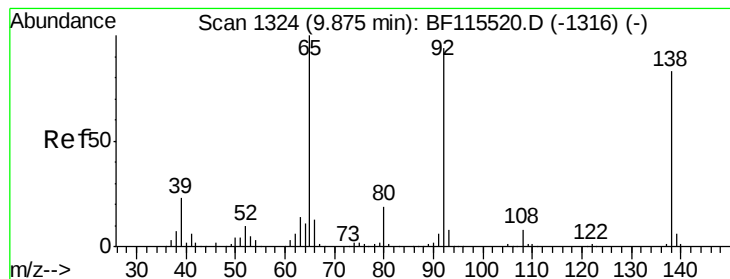
#52
 Acenaphthene
 Concen: 33.783 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Tgt Ion:154 Resp: 1095750
 Ion Ratio Lower Upper
 154 100
 153 111.7 88.6 133.0
 152 52.3 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: 19.877 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

PB121170BS

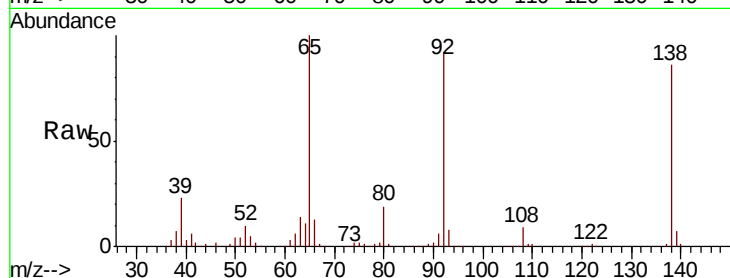
Tot Ion:138 Resp: 202287

Ion Ratio Lower Upper

138 100

108 10.1 8.4 12.6

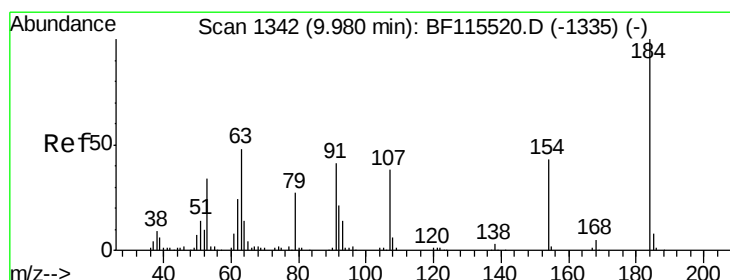
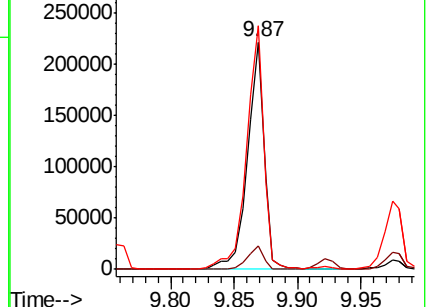
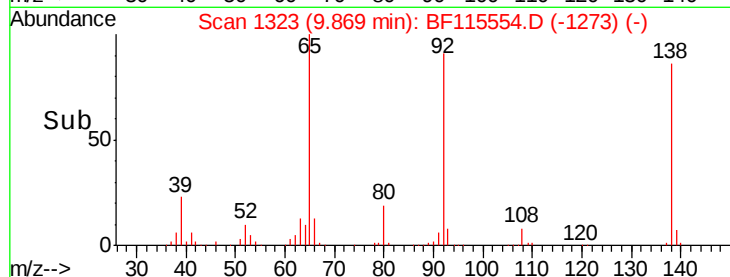
92 107.2 88.0 132.0



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: 59.664 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

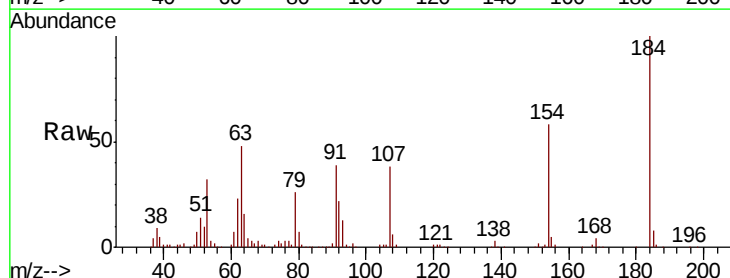
Tgt Ion:184 Resp: 272798

Ion Ratio Lower Upper

184 100

63 47.9 48.7 73.1#

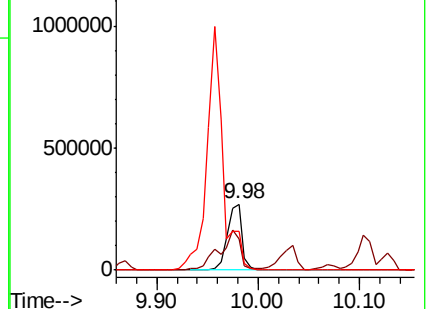
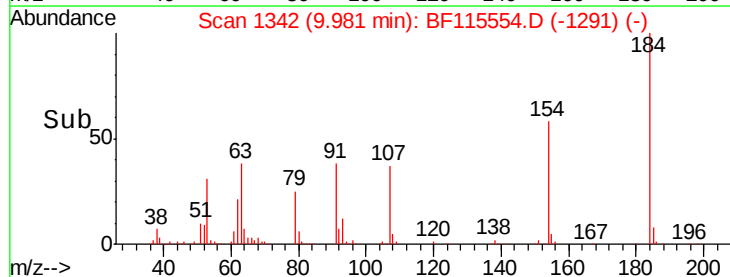
154 58.2 48.6 73.0



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

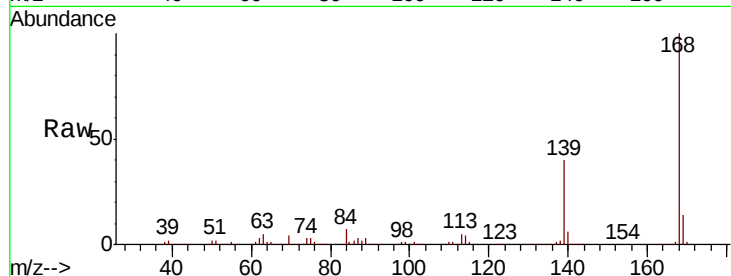




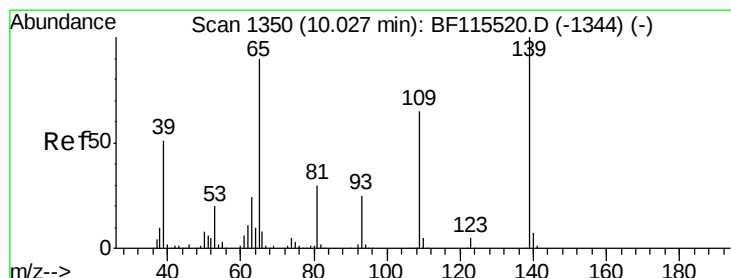
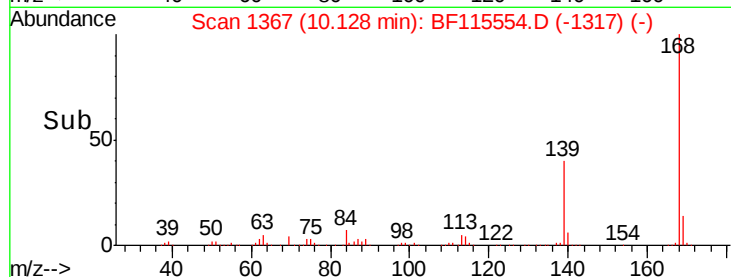
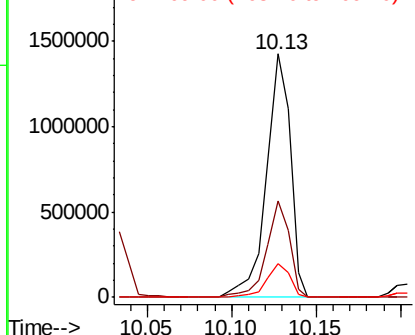
#55
Dibenzenofuran
Concen: 30.358 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Instrument :
BNA_F
ClientSampleId :
PB121170BS

Tot Ion:168 Resp: 1398314
Ion Ratio Lower Upper
168 100
139 39.7 31.1 46.7
169 14.1 11.1 16.7

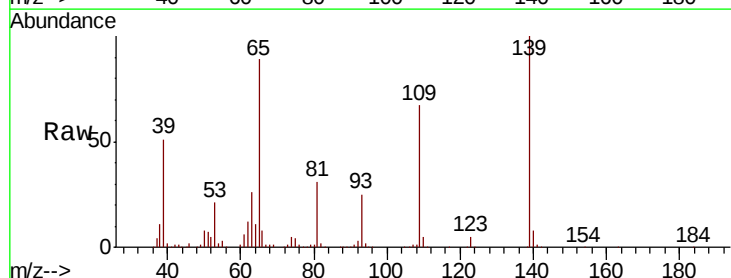


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

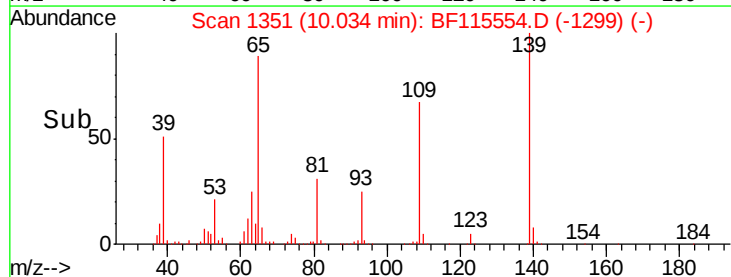
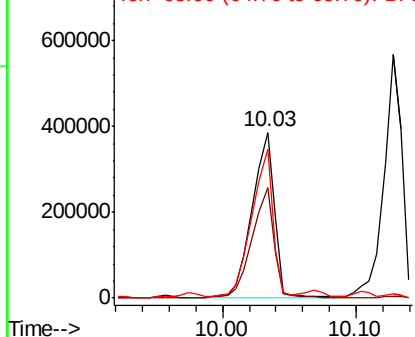


#56
4-Nitrophenol
Concen: 56.768 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion:139 Resp: 440540
Ion Ratio Lower Upper
139 100
109 66.7 46.4 86.4
65 89.3 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

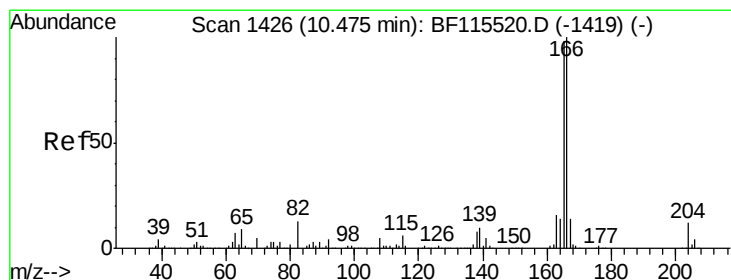
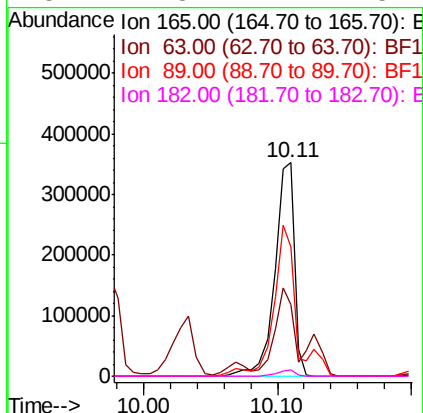
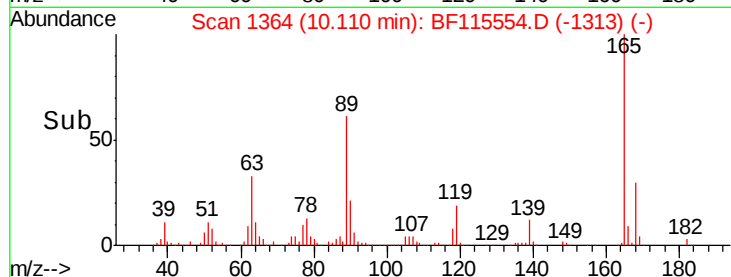
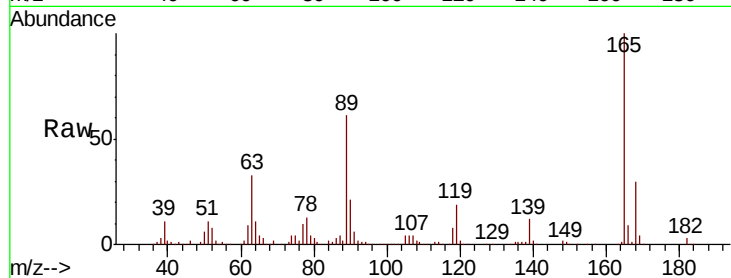




#57
2,4-Dinitrotoluene
Concen: 31.625 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

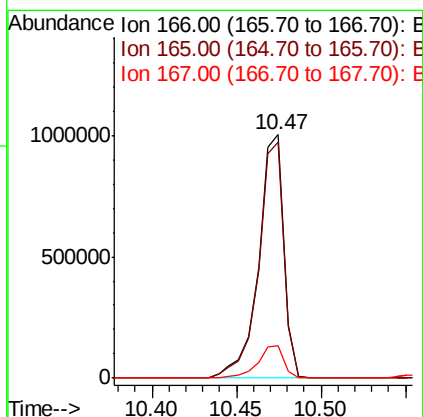
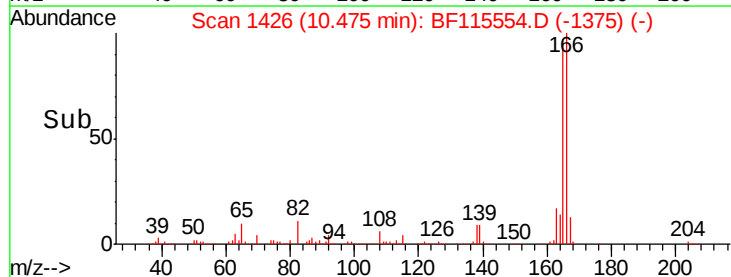
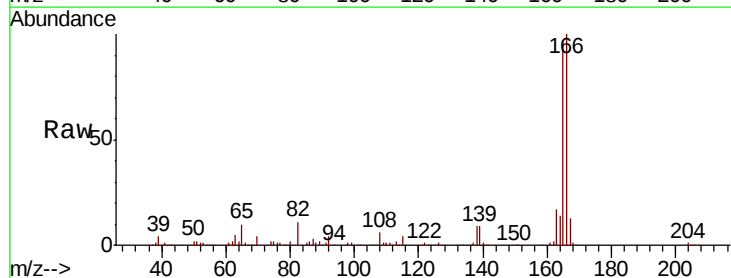
Instrument :
BNA_F
ClientSampleId :
PB121170BS

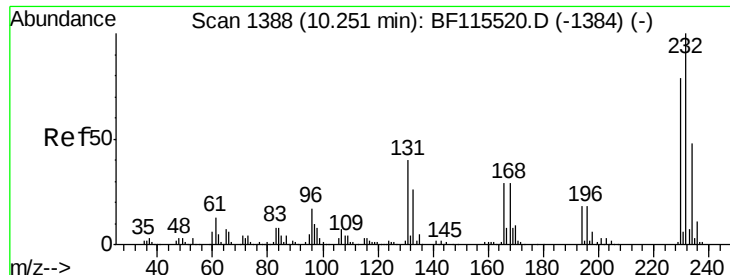
Tot Ion	Ratio	Lower	Upper
165	100		
63	33.5	34.9	52.3
89	60.6	57.5	86.3
182	2.8	2.2	3.4



#58
Fluorene
Concen: 31.625 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.8	119.6
167	13.5	11.2	16.8

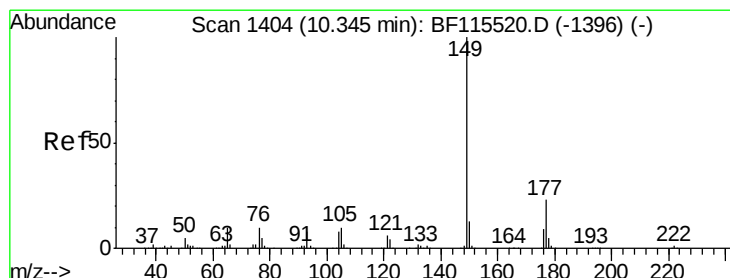
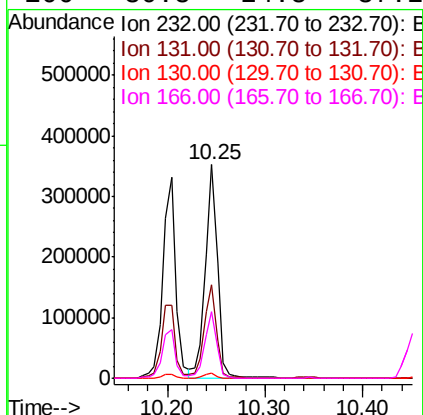
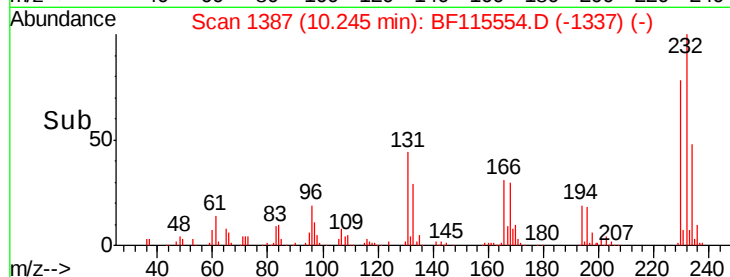
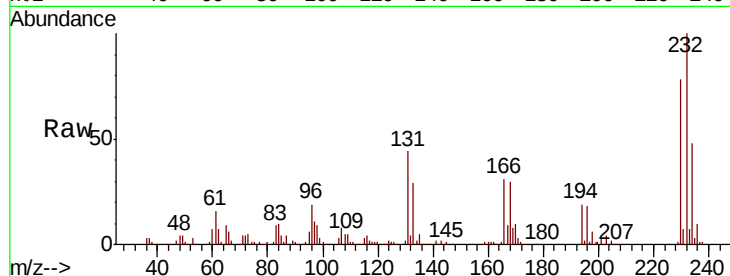




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 31.295 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

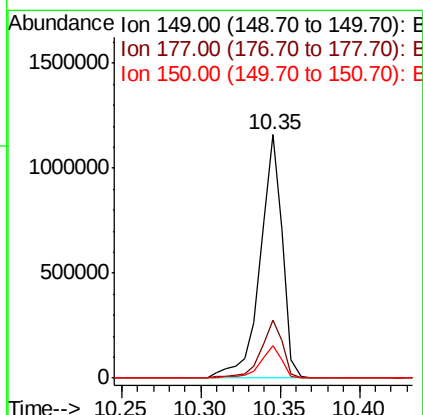
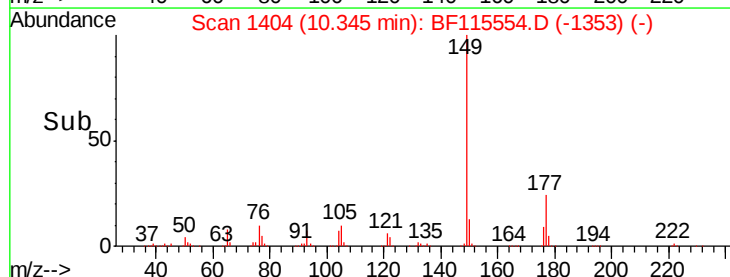
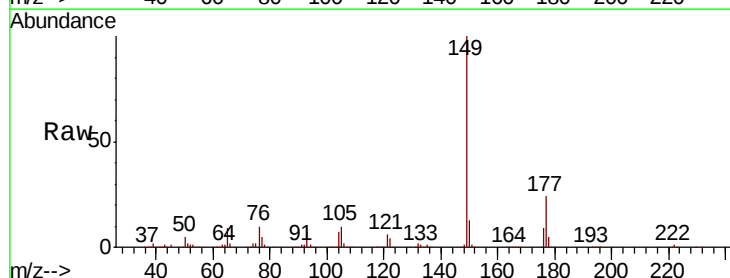
Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

Tot Ion:232 Resp: 307299
 Ion Ratio Lower Upper
 232 100
 131 44.3 35.9 53.9
 130 2.2 1.8 2.6
 166 30.8 24.8 37.2



#60
 Diethylphthalate
 Concen: 30.828 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Tgt Ion:149 Resp: 1131891
 Ion Ratio Lower Upper
 149 100
 177 23.9 19.5 29.3
 150 13.3 10.4 15.6

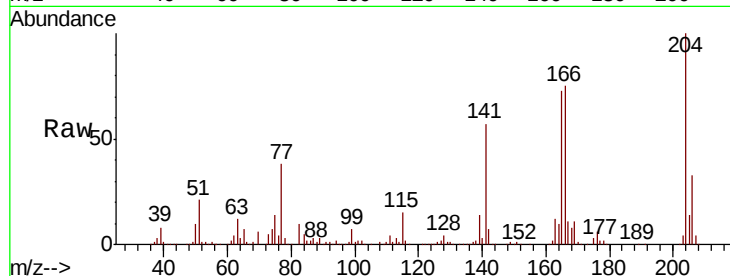




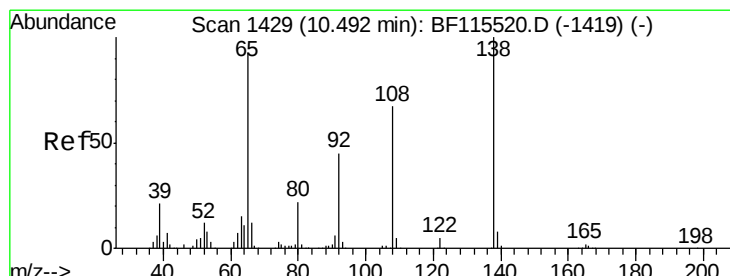
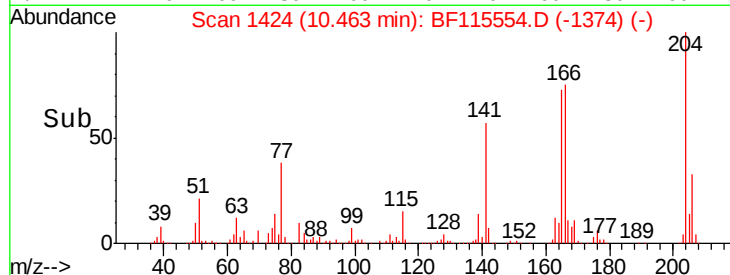
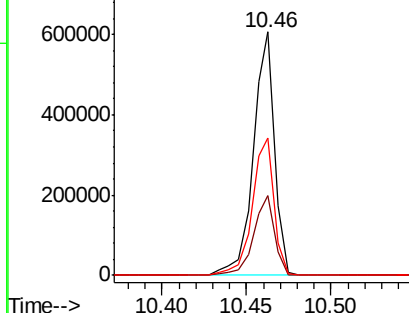
#61
 4-Chlorophenyl-phenylether
 Concen: 29.164 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.7	40.1
141	56.6	44.2	66.2

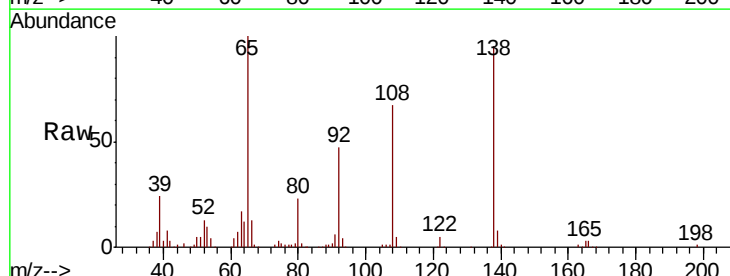


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

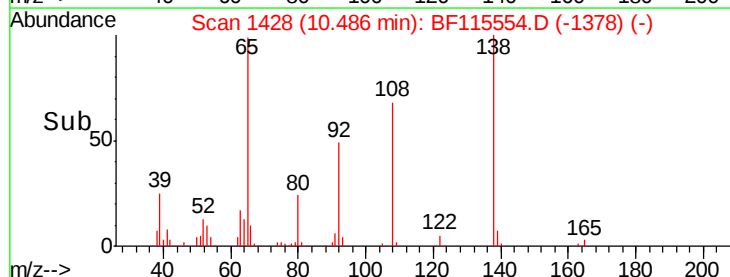
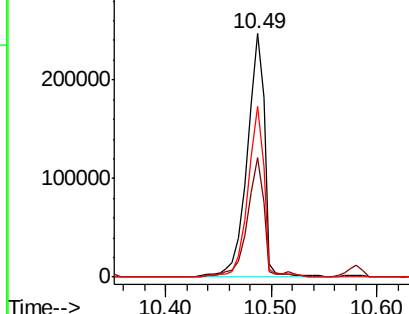


#62
 4-Nitroaniline
 Concen: 29.150 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	27.1	67.1
108	69.9	48.0	88.0



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

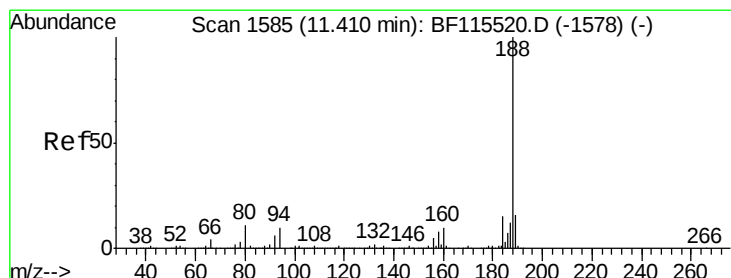
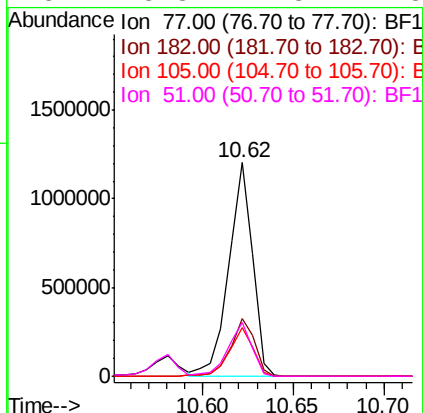
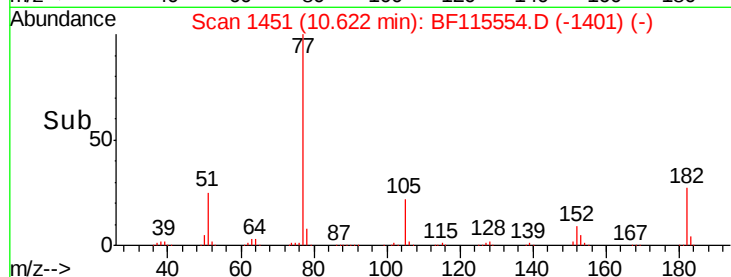
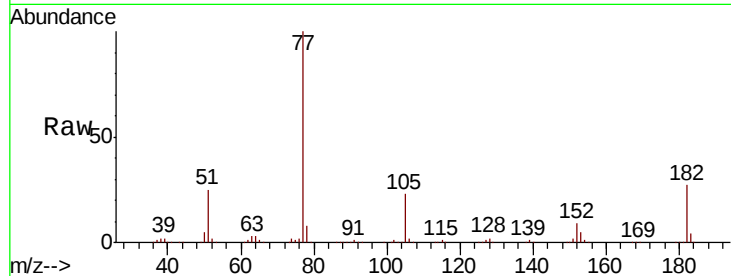




#63
Azobenzene
Concen: 30.844 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

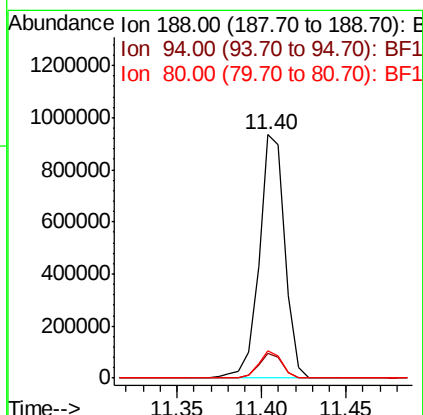
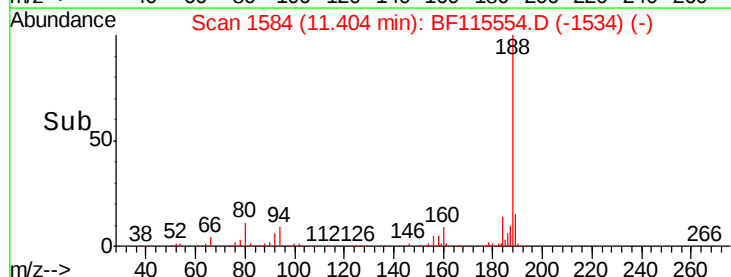
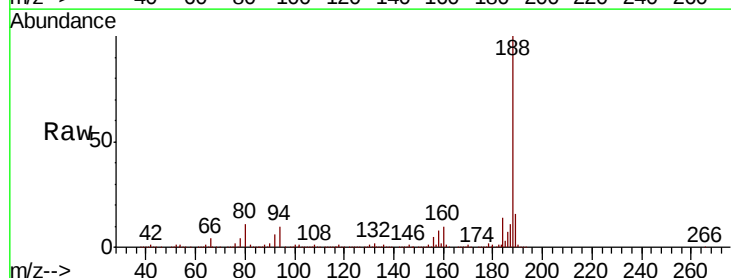
Instrument :
BNA_F
ClientSampleId :
PB121170BS

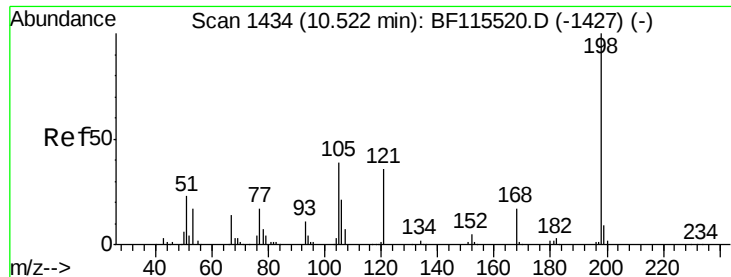
Tot Ion: 77 Resp: 1098460
Ion Ratio Lower Upper
77 100
182 26.7 6.9 46.9
105 23.0 3.9 43.9
51 25.3 7.3 47.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion: 188 Resp: 978669
Ion Ratio Lower Upper
188 100
94 10.4 7.8 11.6
80 11.5 8.6 13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 30.856 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

PB121170BS

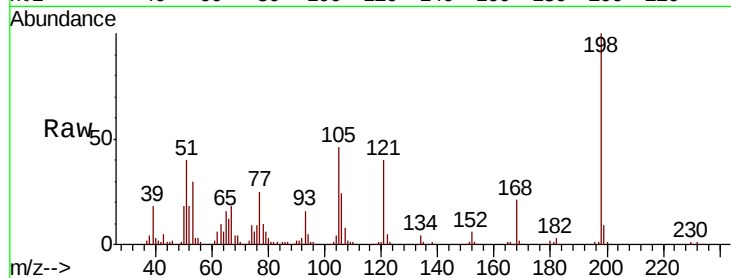
Tot Ion:198 Resp: 184500

Ion Ratio Lower Upper

198 100

51 40.3 19.1 59.1

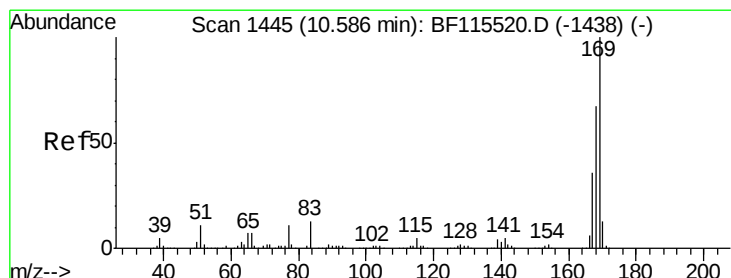
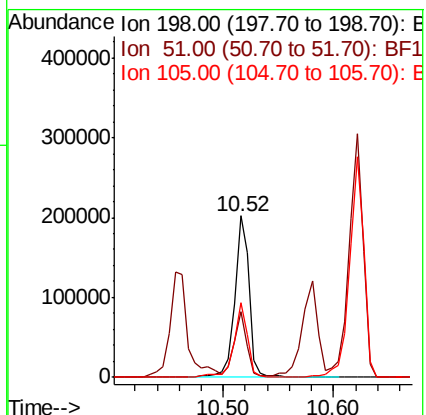
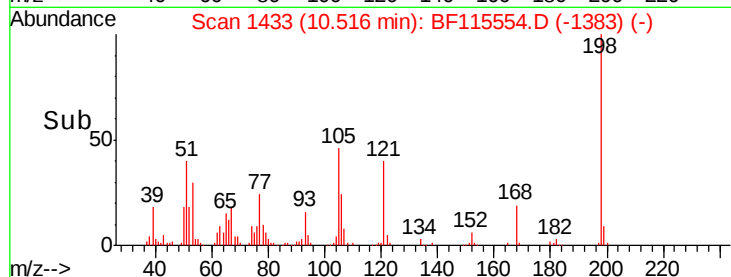
105 45.9 23.6 63.6



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: 31.763 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

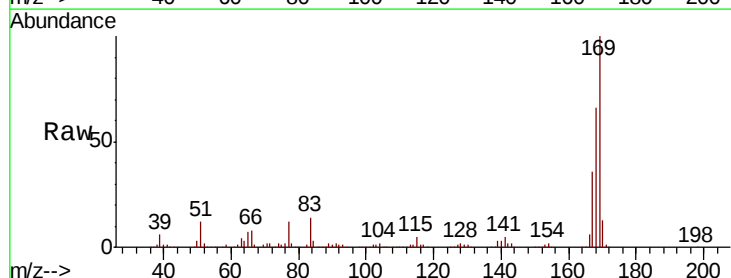
Tgt Ion:169 Resp: 966951

Ion Ratio Lower Upper

169 100

168 66.2 54.3 81.5

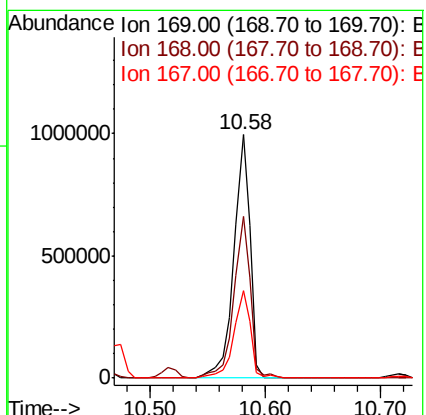
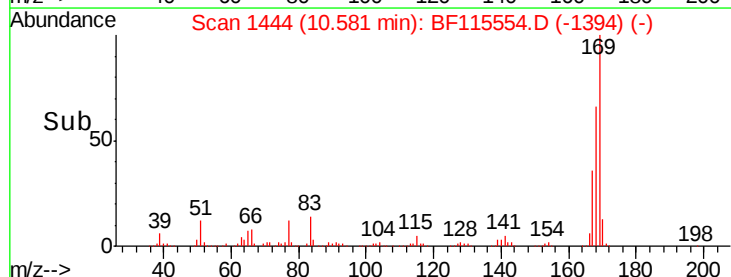
167 36.1 30.2 45.2



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

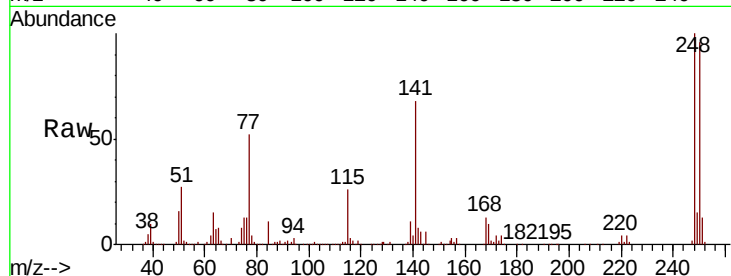




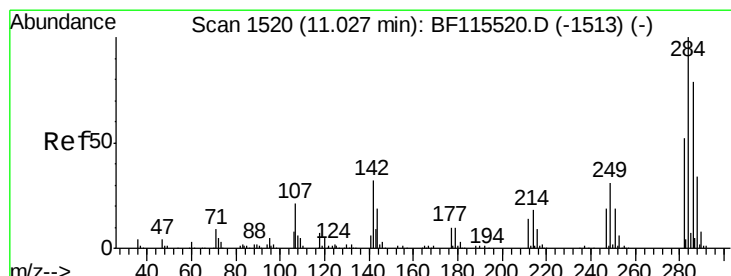
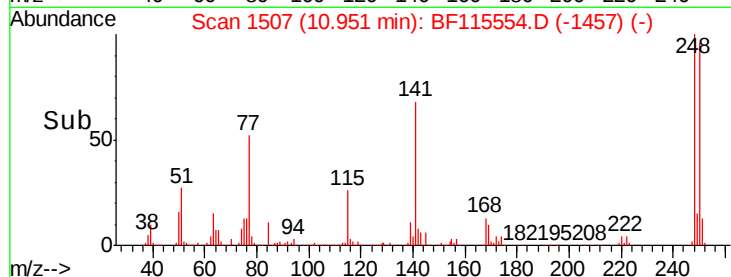
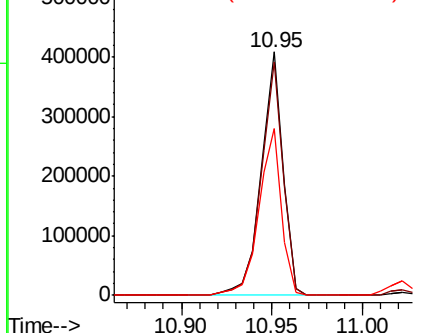
#67
4-Bromophenyl-phenylether
Concen: 30.684 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Instrument :
BNA_F
ClientSampleId :
PB121170BS

Tot Ion:248 Resp: 343168
Ion Ratio Lower Upper
248 100
250 95.7 78.0 117.0
141 68.5 57.7 86.5

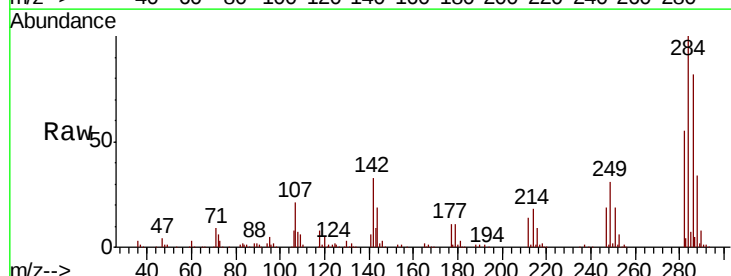


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

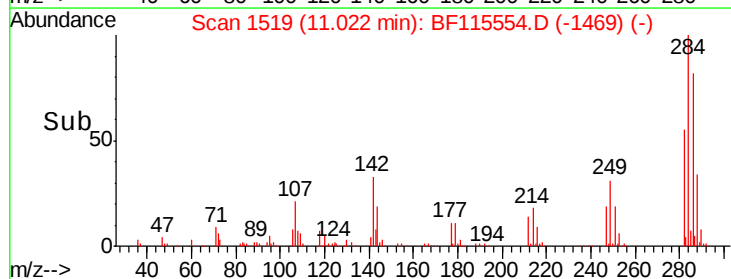
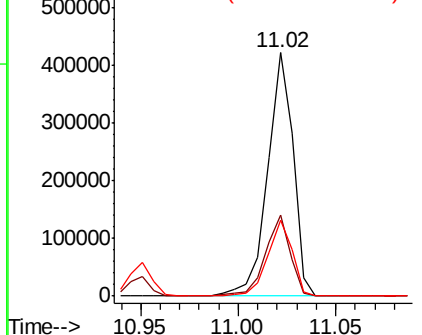


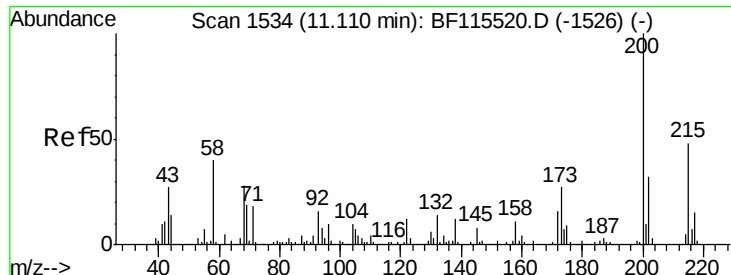
#68
Hexachlorobenzene
Concen: 29.876 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion:284 Resp: 381581
Ion Ratio Lower Upper
284 100
142 33.2 22.2 33.2
249 31.2 23.4 35.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 31.581 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

PB121170BS

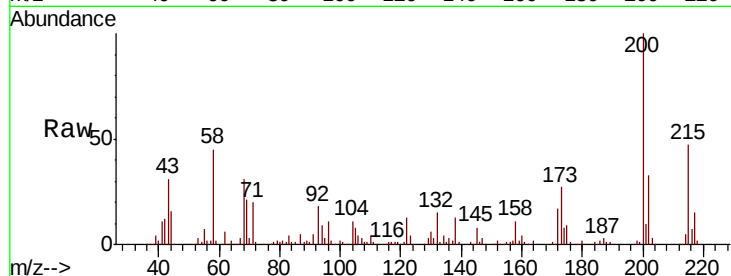
Tot Ion:200 Resp: 315403

Ion Ratio Lower Upper

200 100

173 27.3 6.9 46.9

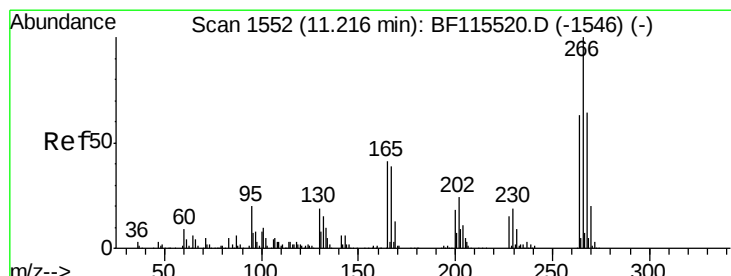
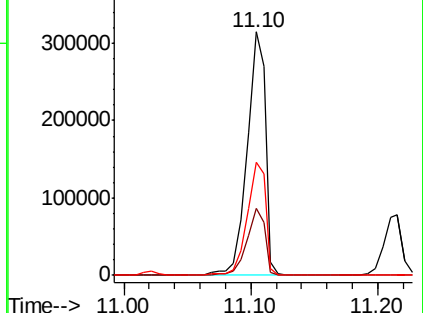
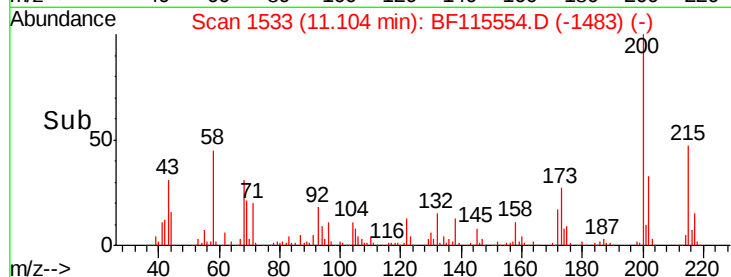
215 46.6 27.9 67.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 57.960 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

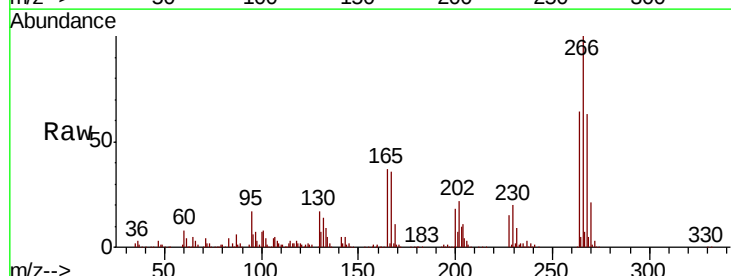
Tgt Ion:266 Resp: 452764

Ion Ratio Lower Upper

266 100

268 63.0 51.6 77.4

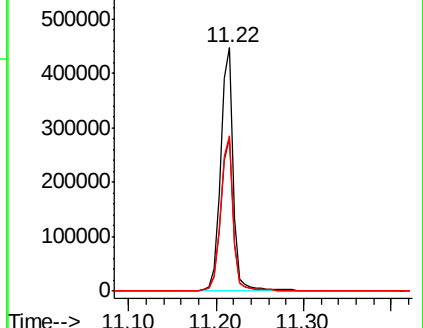
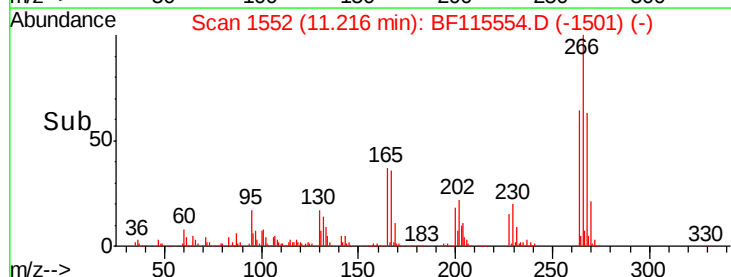
264 63.8 50.6 76.0

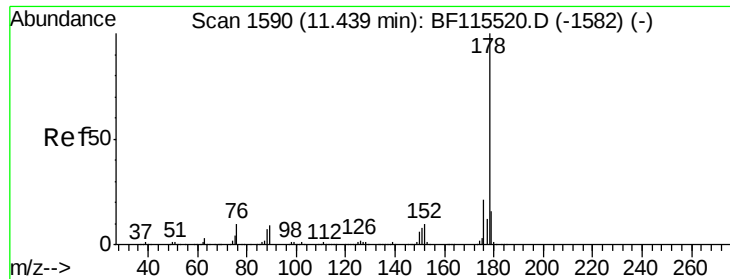


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

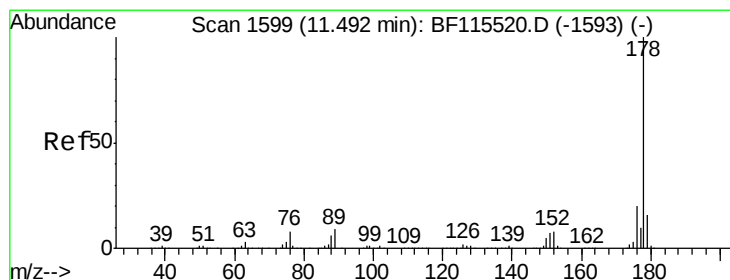
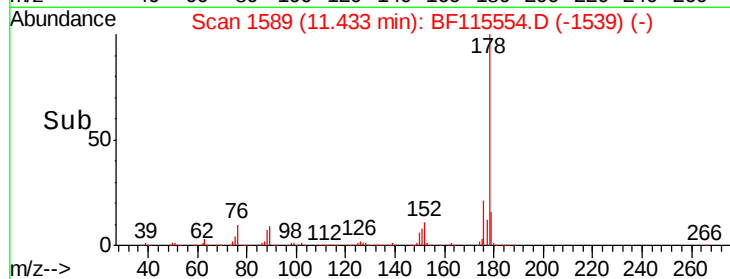
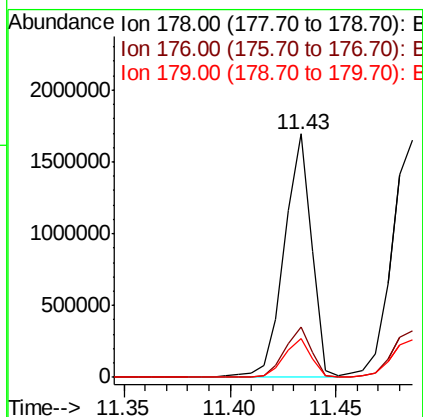
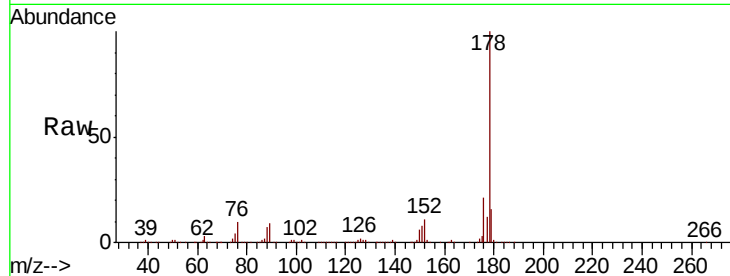




#71
Phenanthrene
Concen: 30.571 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

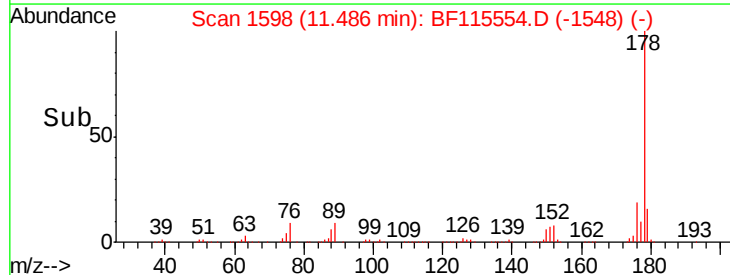
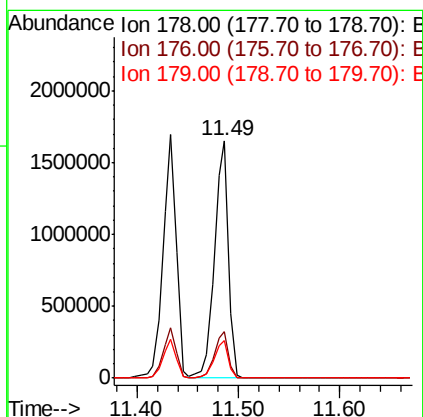
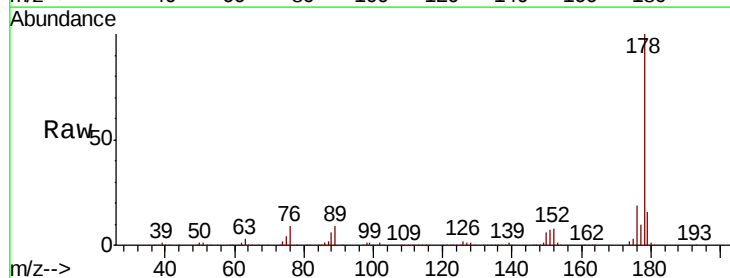
Instrument :
BNA_F
ClientSampleId :
PB121170BS

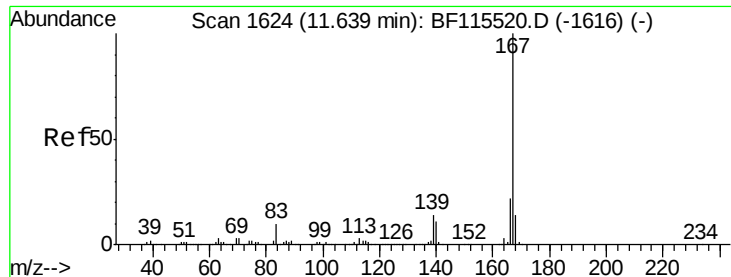
Tot Ion:178 Resp: 1533619
Ion Ratio Lower Upper
178 100
176 20.6 17.2 25.8
179 15.9 13.5 20.3



#72
Anthracene
Concen: 30.265 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion:178 Resp: 1569082
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 15.9 12.7 19.1



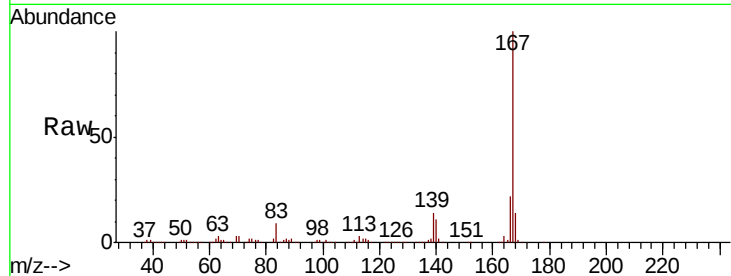


#73
 Carbazole
 Concen: 30.256 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

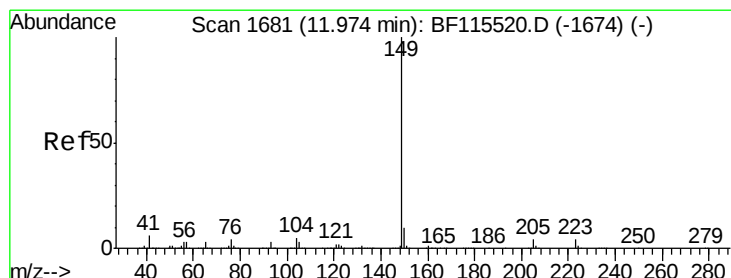
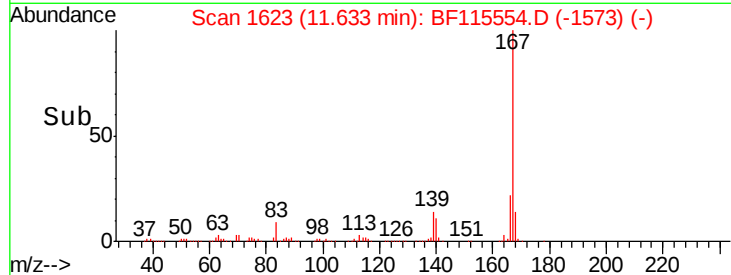
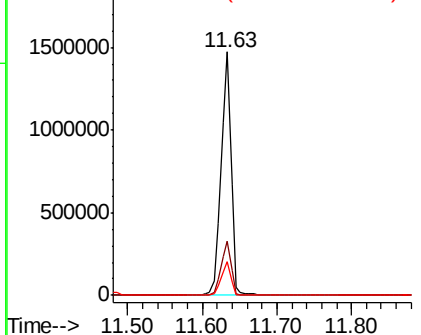
Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

Tot Ion:167 Resp: 1375560

Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	14.0	11.3	16.9



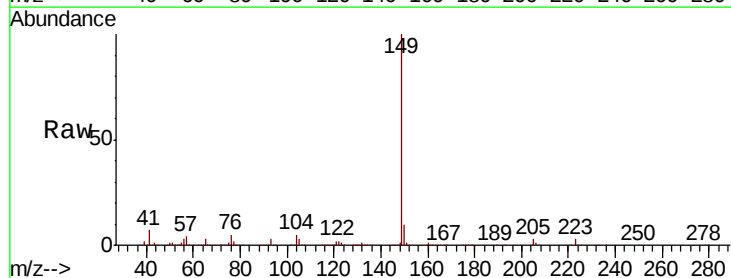
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



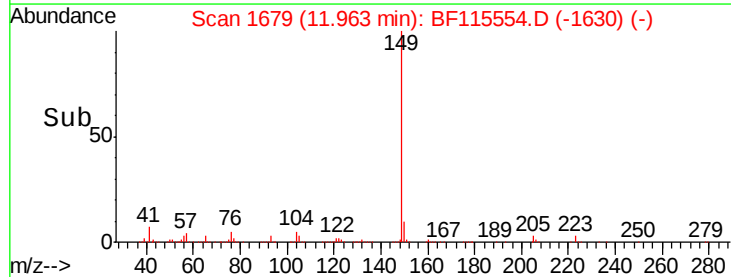
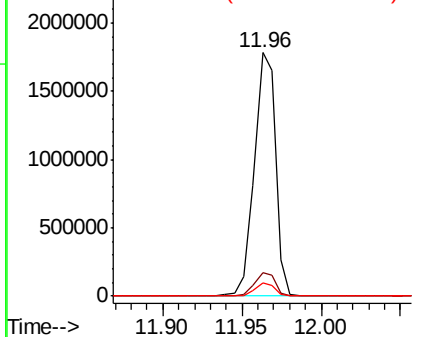
#74
 Di-n-butylphthalate
 Concen: 29.722 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

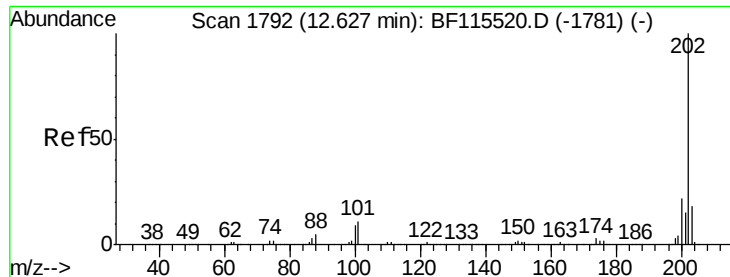
Tgt Ion:149 Resp: 1664481

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.3	3.8	5.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 30.046 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

PB121170BS

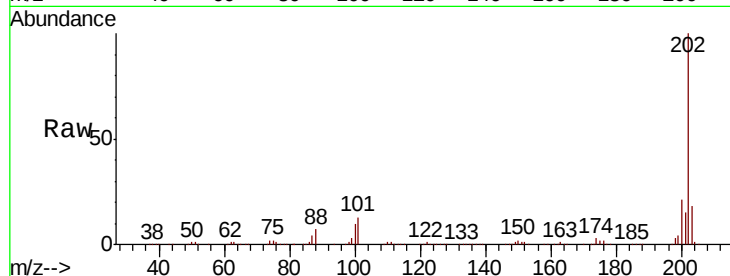
Tot Ion:202 Resp: 1592804

Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.4

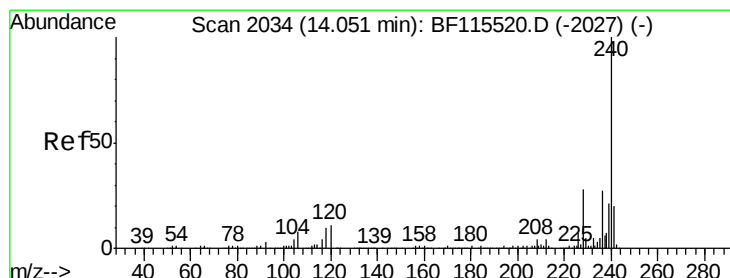
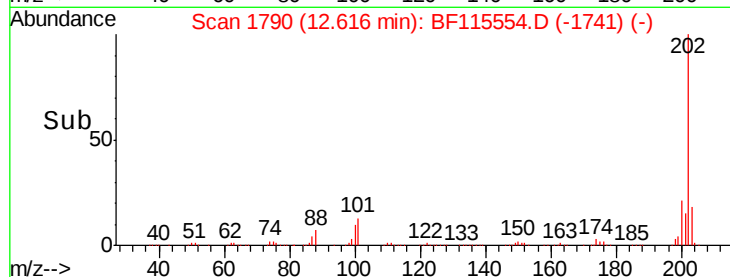
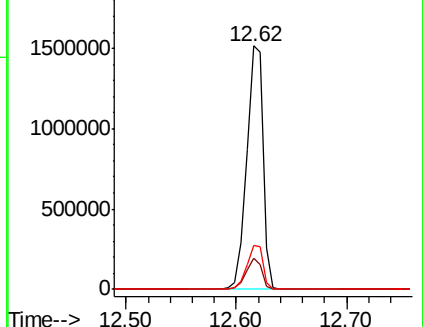
203 18.0 0.0 38.1



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: 14.05 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

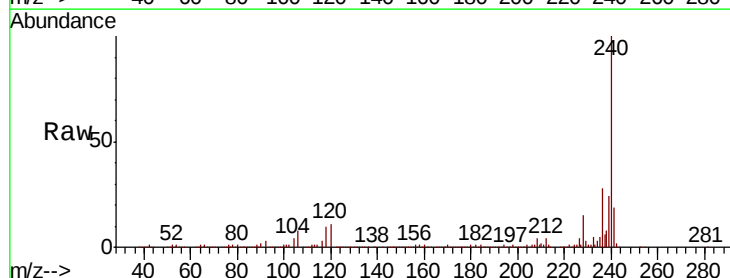
Tgt Ion:240 Resp: 607649

Ion Ratio Lower Upper

240 100

120 11.0 8.6 13.0

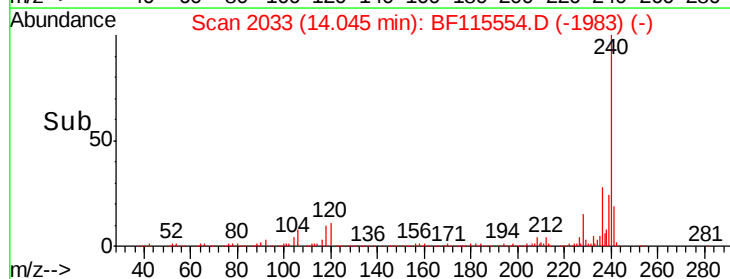
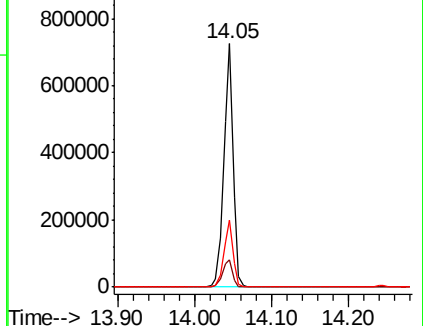
236 27.6 21.3 31.9



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: 24.222 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

PB121170BS

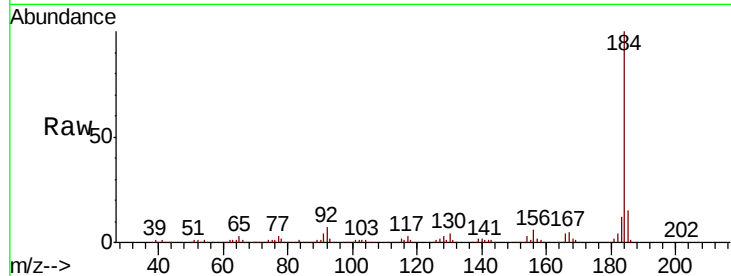
Tot Ion:184 Resp: 521411

Ion Ratio Lower Upper

184 100

185 15.1 12.0 18.0

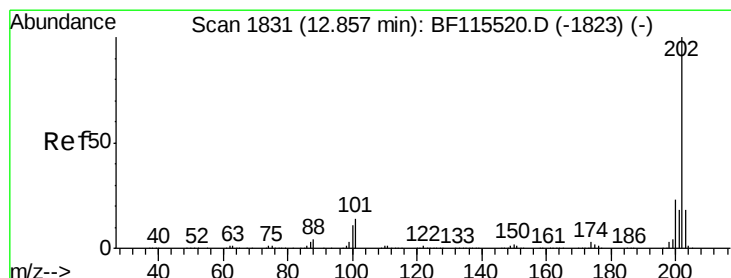
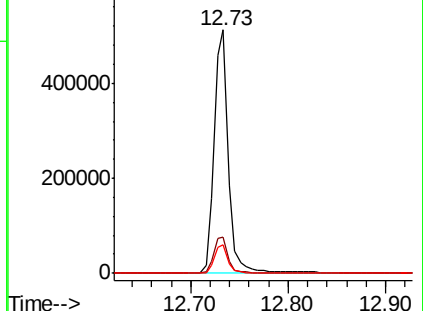
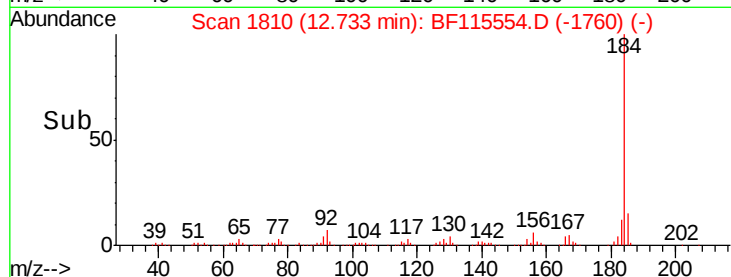
183 11.6 9.3 13.9



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: 30.840 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

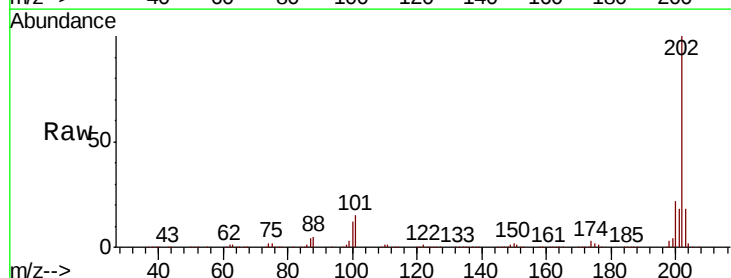
Tgt Ion:202 Resp: 1587712

Ion Ratio Lower Upper

202 100

200 22.5 18.7 28.1

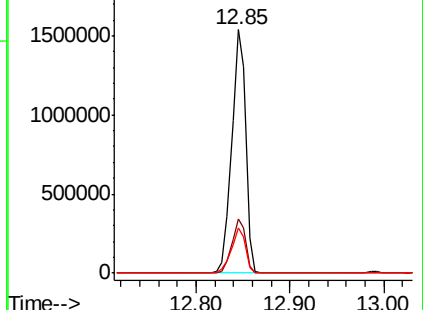
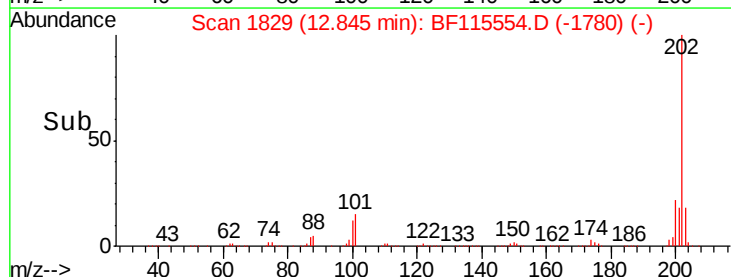
203 18.5 15.2 22.8



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

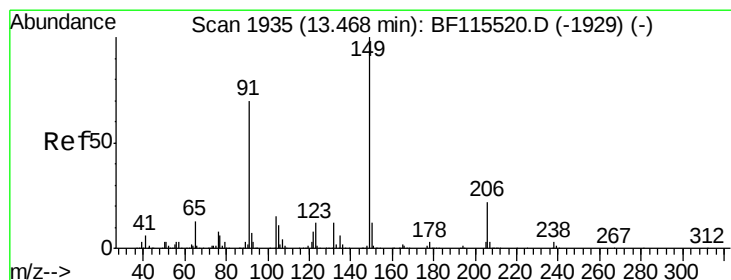
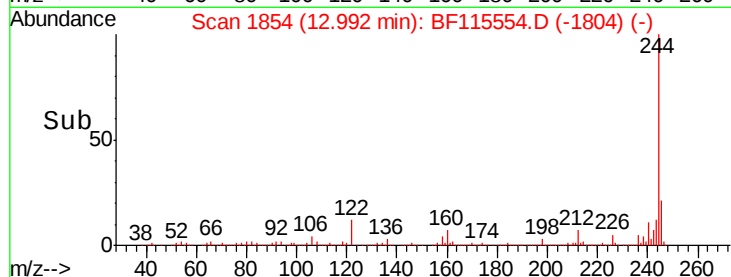
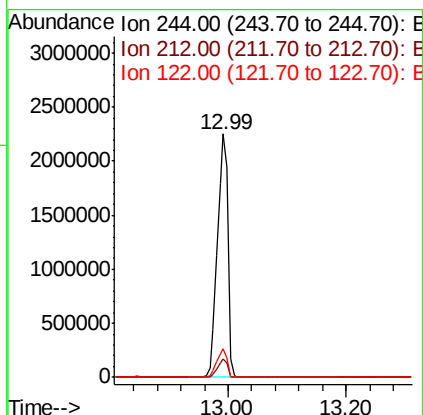
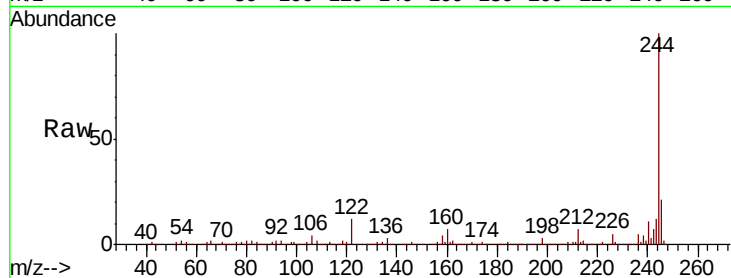




#79
 Terphenyl-d14
 Concen: 85.135 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

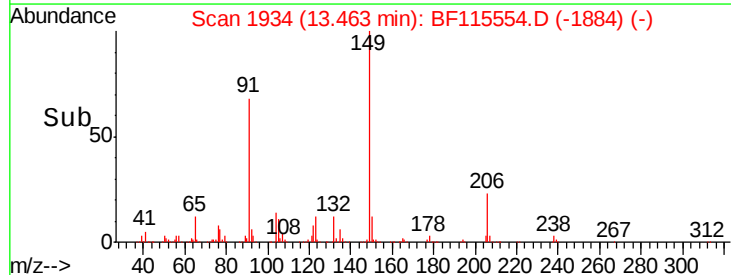
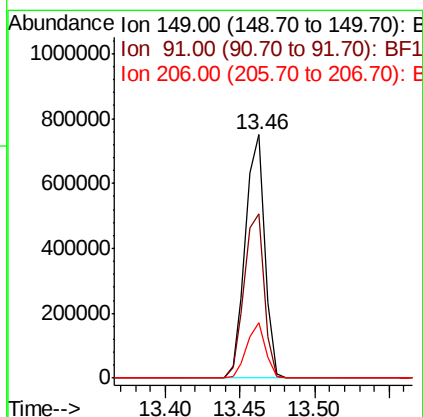
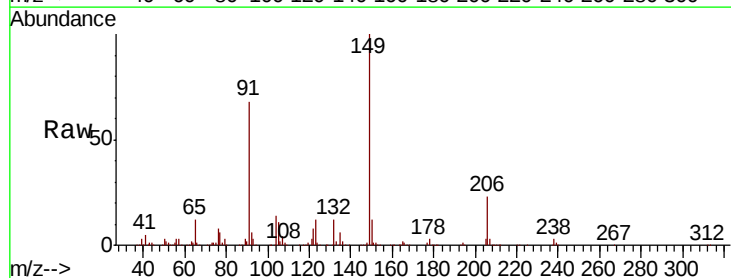
Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

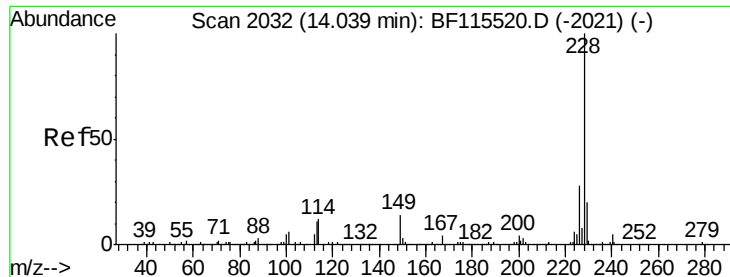
Tot Ion:244 Resp: 2803656
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.5 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 30.876 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF115554.D
 Acq: 15 Jul 2019 9:54

Tgt Ion:149 Resp: 677627
 Ion Ratio Lower Upper
 149 100
 91 67.6 55.8 83.8
 206 22.9 18.2 27.2





#81

Benzo(a)anthracene

Concen: 30.303 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

PB121170BS

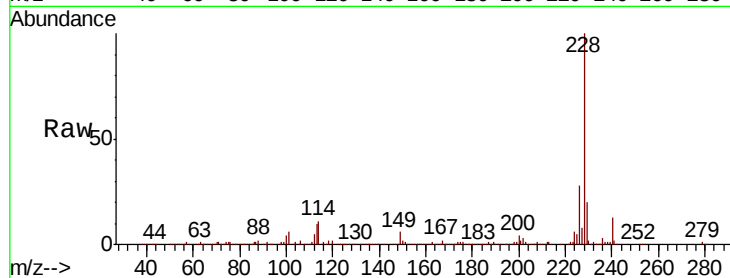
Tot Ion:228 Resp: 1213105

Ion Ratio Lower Upper

228 100

226 27.6 23.4 35.0

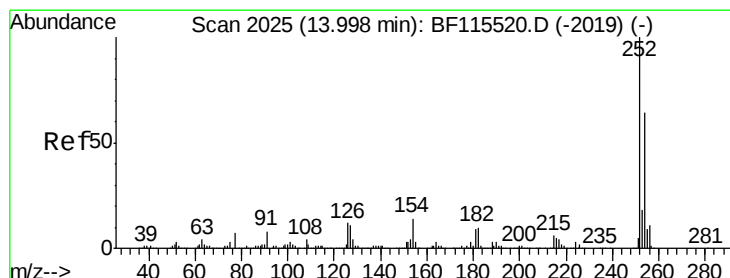
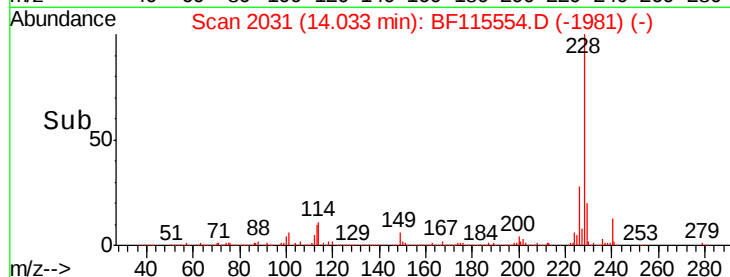
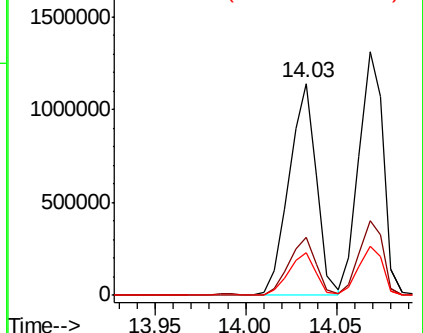
229 20.2 17.2 25.8



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: 25.190 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

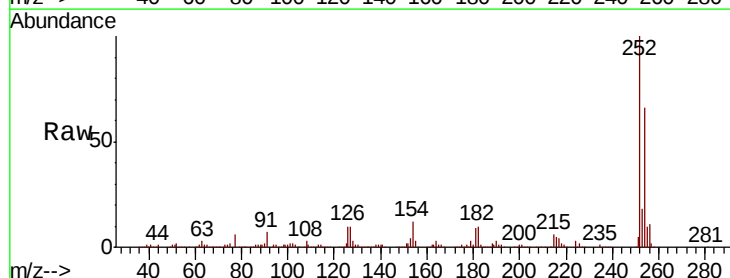
Tgt Ion:252 Resp: 358487

Ion Ratio Lower Upper

252 100

254 65.9 52.9 79.3

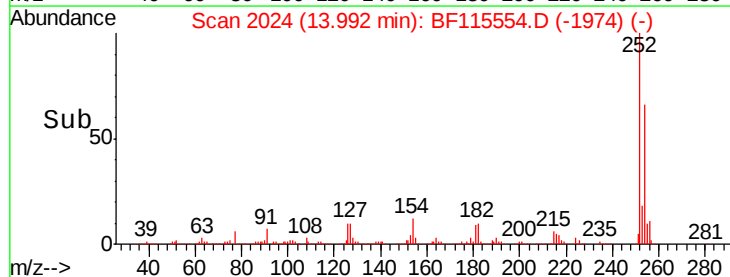
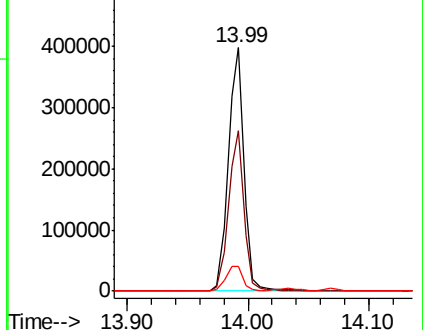
126 10.2 9.9 14.9

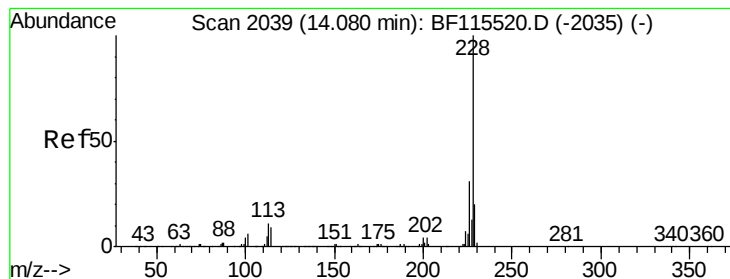


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 30.944 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

PB121170BS

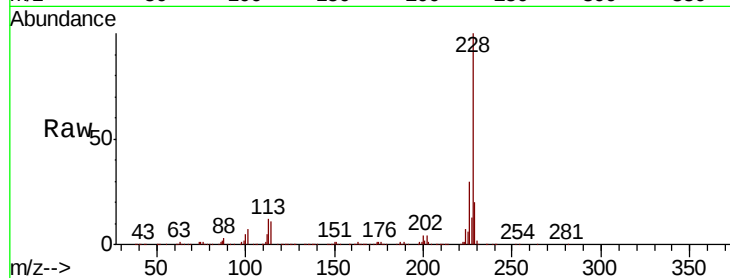
Tot Ion:228 Resp: 1243517

Ion Ratio Lower Upper

228 100

226 30.5 25.7 38.5

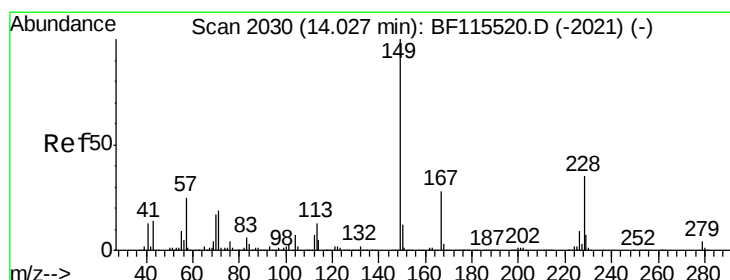
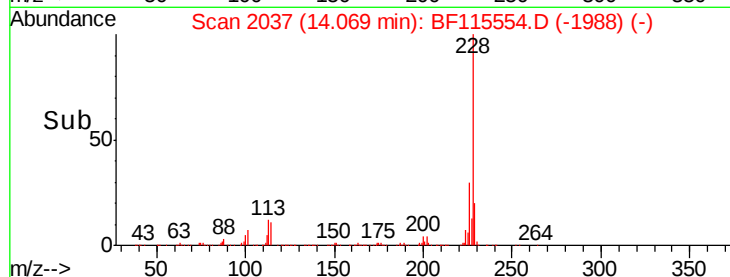
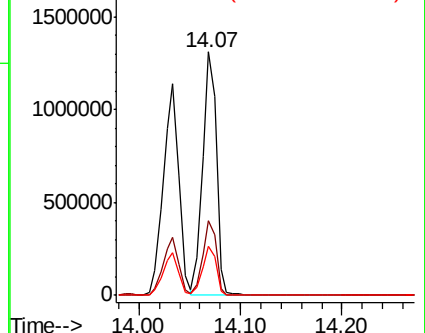
229 20.2 16.6 25.0



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: 31.698 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

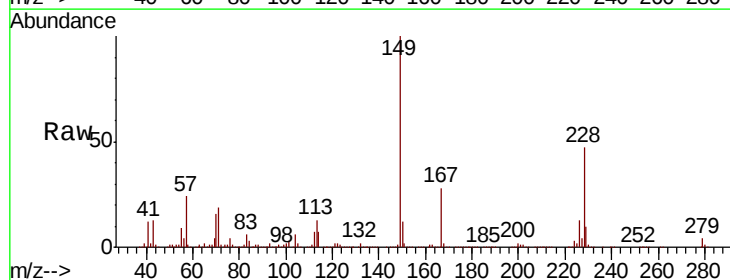
Tgt Ion:149 Resp: 861710

Ion Ratio Lower Upper

149 100

167 28.4 23.0 34.4

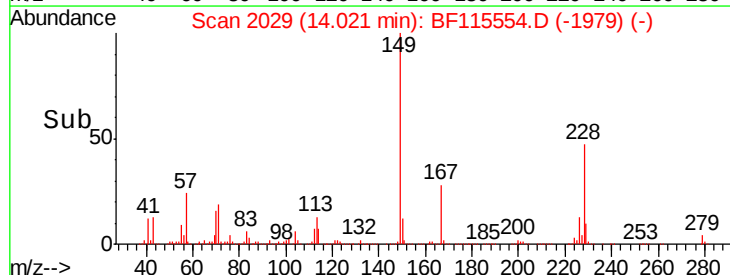
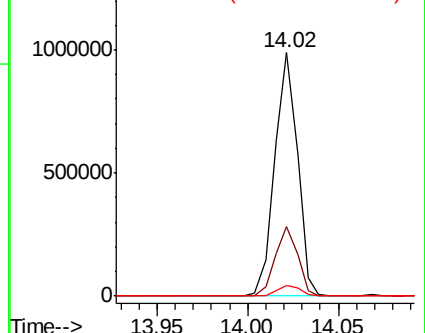
279 4.5 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 32.591 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

PB121170BS

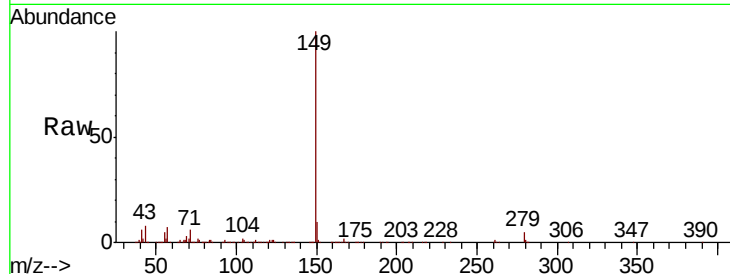
Tot Ion:149 Resp: 1409664

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

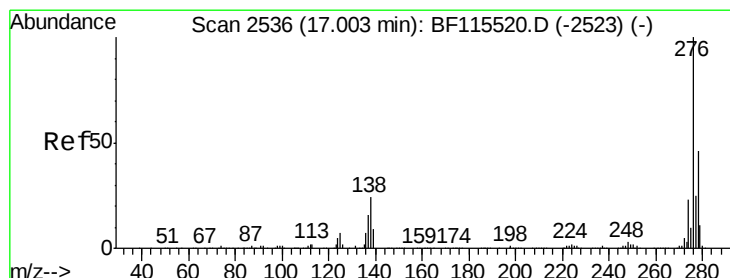
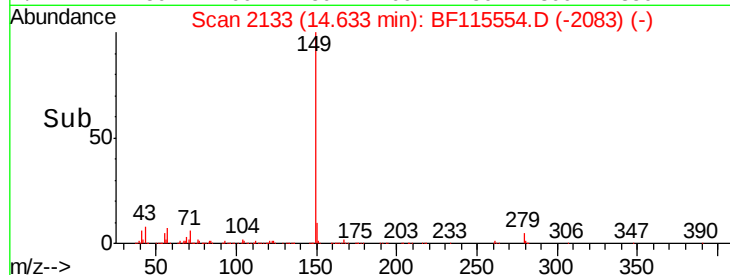
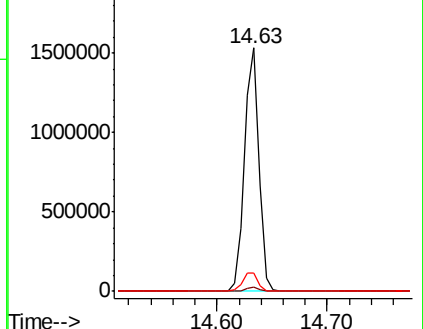
43 8.3 7.2 10.8



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: 27.944 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

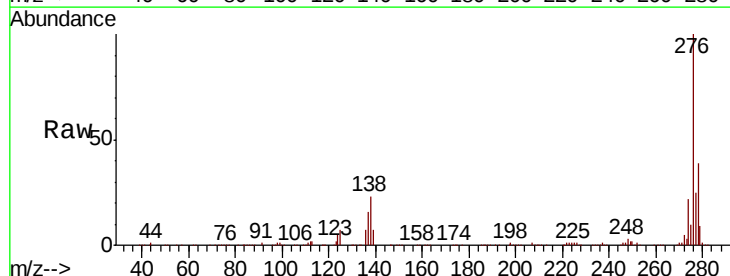
Tgt Ion:276 Resp: 954070

Ion Ratio Lower Upper

276 100

138 25.2 20.2 30.2

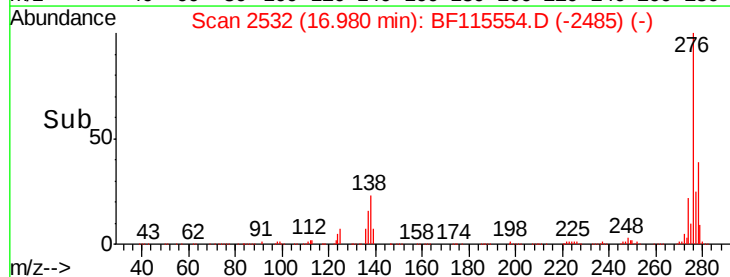
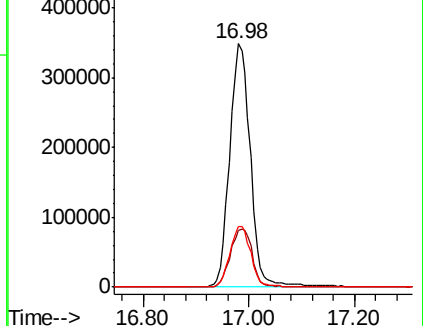
277 25.1 20.4 30.6

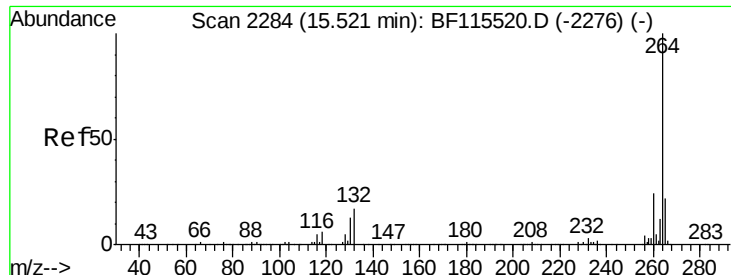


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

PB121170BS

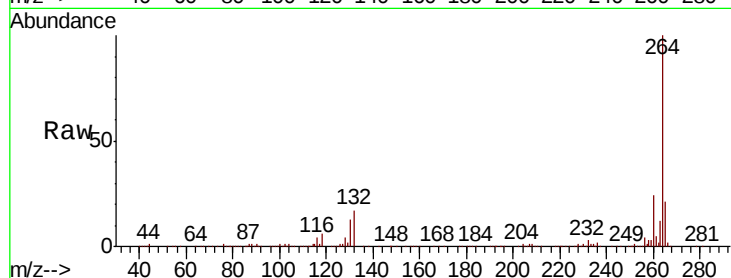
Tot Ion:264 Resp: 516490

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.8

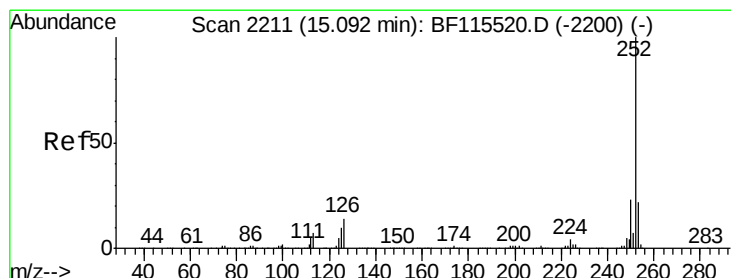
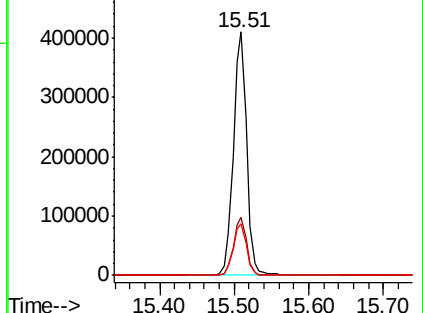
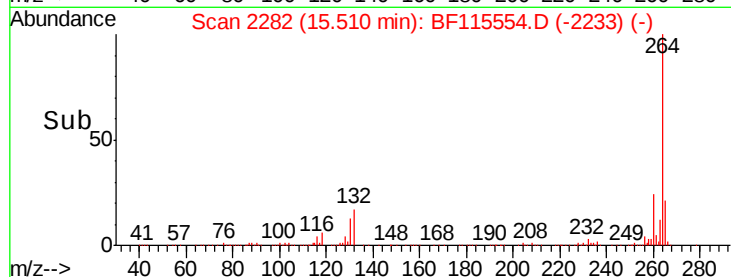
265 21.4 17.7 26.5



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: 31.383 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

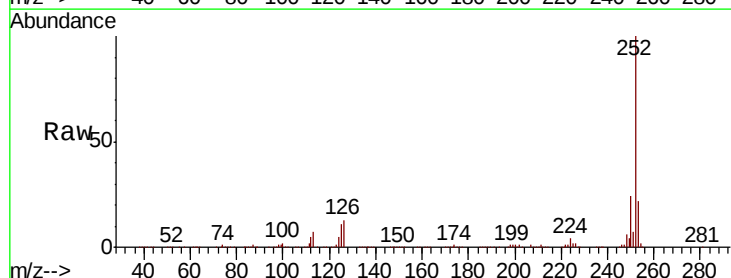
Tgt Ion:252 Resp: 1043740

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

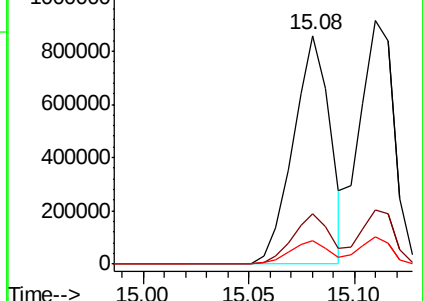
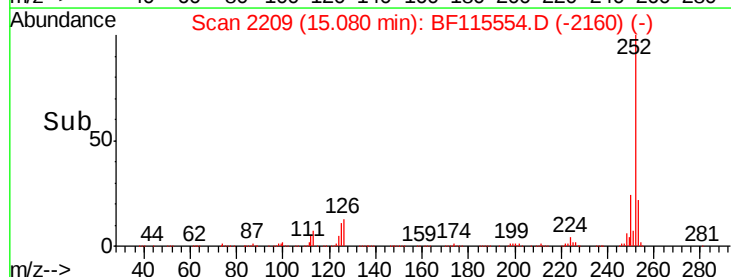
125 10.5 9.0 13.4

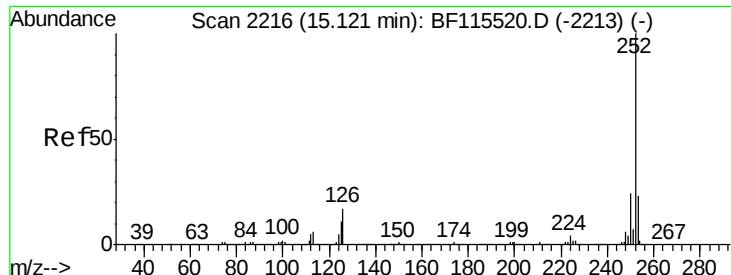


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

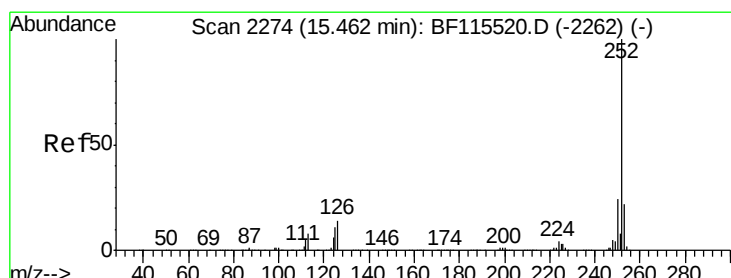
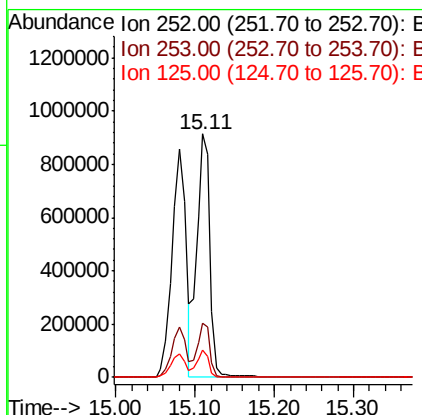
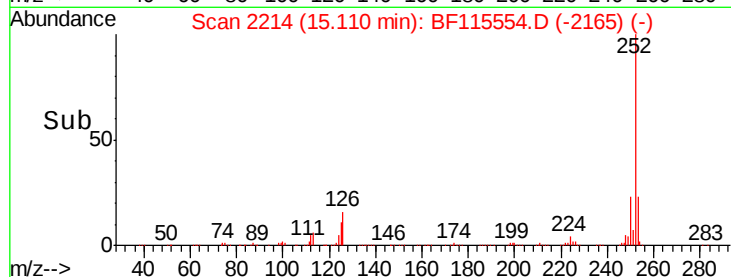
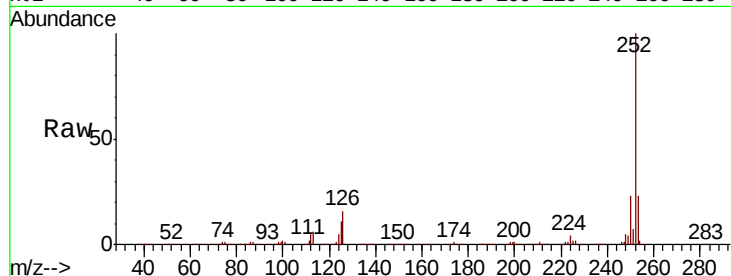




#89
Benzo(k)fluoranthene
Concen: 35.676 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

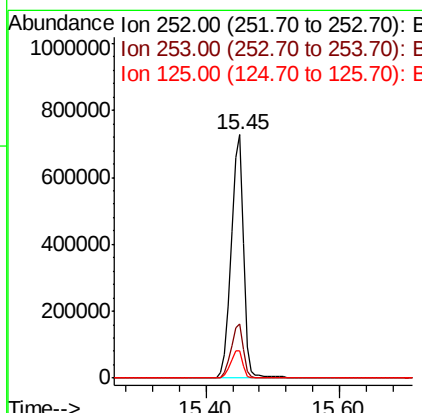
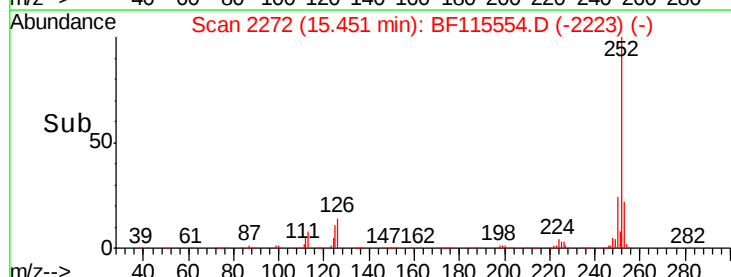
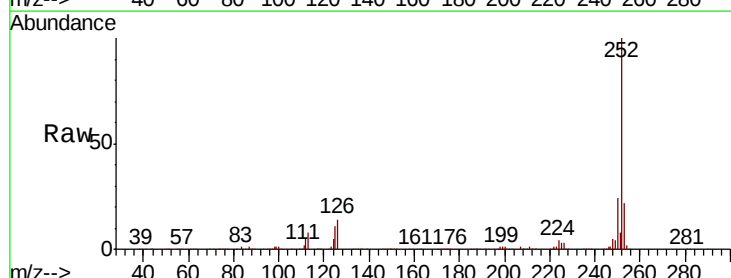
Instrument :
BNA_F
ClientSampleId :
PB121170BS

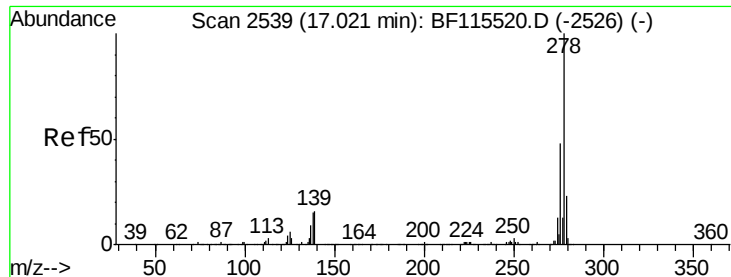
Tot Ion:252 Resp: 1057824
Ion Ratio Lower Upper
252 100
253 22.5 18.6 28.0
125 11.2 9.0 13.6



#90
Benzo(a)pyrene
Concen: 33.275 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115554.D
Acq: 15 Jul 2019 9:54

Tgt Ion:252 Resp: 951152
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.1 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 32.108 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

Instrument :

BNA_F

ClientSampleId :

PB121170BS

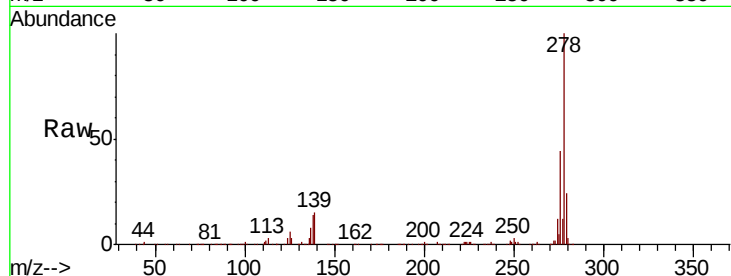
Tot Ion:278 Resp: 805748

Ion Ratio Lower Upper

278 100

139 15.5 13.1 19.7

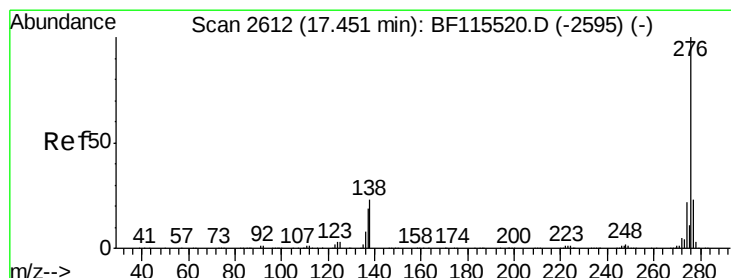
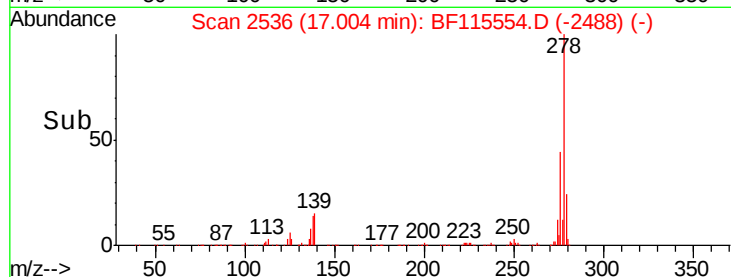
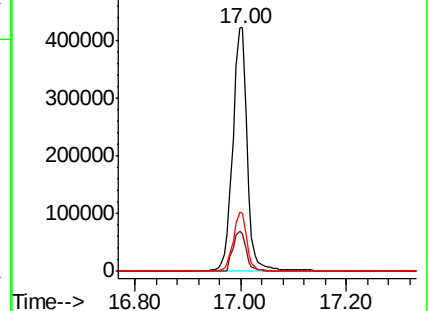
279 23.6 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 30.980 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.02 min

Lab File: BF115554.D

Acq: 15 Jul 2019 9:54

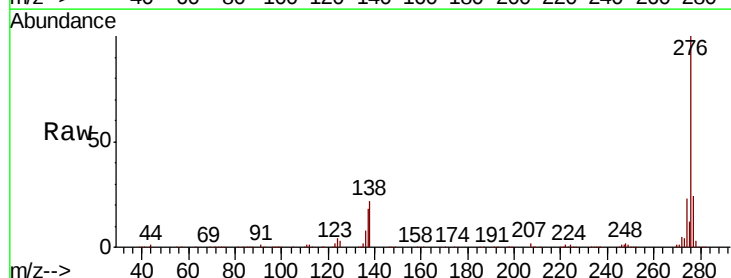
Tgt Ion:276 Resp: 775346

Ion Ratio Lower Upper

276 100

277 24.5 19.0 28.4

138 22.3 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

