

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071719\
 Data File : BF115622.D
 Acq On : 17 Jul 2019 14:43
 Operator : HP/JU
 Sample : PB121441BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121441BS

Quant Time: Jul 18 04:44:02 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	157640	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	655197	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	328605	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	648100	20.00	ng	0.00
76) Chrysene-d12	14.04	240	424929	20.00	ng	-0.01
87) Perylene-d12	15.50	264	322143	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1209136	125.46	ng	0.02
7) Phenol-d6	6.52	99	1346514	110.11	ng	0.00
23) Nitrobenzene-d5	7.45	82	814739	72.31	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	407745	106.30	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1521792	81.06	ng	-0.01
79) Terphenyl-d14	12.98	244	1672943	72.64	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.77	88	176342	36.682	ng	98
3) Pyridine	3.52	79	446735	34.252	ng	99
4) n-Nitrosodimethylamine	3.46	42	201554	42.597	ng	95
6) Aniline	6.55	93	420172	24.690	ng	99
8) 2-Chlorophenol	6.67	128	406848	36.718	ng	95
9) Benzaldehyde	6.43	77	42619	5.577	ng	99
10) Phenol	6.53	94	523550	36.880	ng	87
11) bis(2-Chloroethyl)ether	6.62	93	377694	34.945	ng	99
12) 1,3-Dichlorobenzene	6.83	146	422612	33.923	ng	99
13) 1,4-Dichlorobenzene	6.90	146	426215	34.290	ng	96
14) 1,2-Dichlorobenzene	7.06	146	402294	35.405	ng	96
15) Benzyl Alcohol	7.02	79	361855	37.301	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	502605	35.322	ng	98
17) 2-Methylphenol	7.13	107	350465	36.702	ng	99
18) Hexachloroethane	7.40	117	155431	33.690	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	282684	35.444	ng	99
20) 3+4-Methylphenols	7.29	107	416427	36.715	ng	96
22) Acetophenone	7.29	105	557345	37.654	ng	# 94
24) Nitrobenzene	7.46	77	442939	36.445	ng	97
25) Isophorone	7.70	82	826123	36.639	ng	99
26) 2-Nitrophenol	7.78	139	233389	37.309	ng	97
27) 2,4-Dimethylphenol	7.82	122	395983	42.306	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	497654	35.977	ng	99
29) 2,4-Dichlorophenol	8.02	162	368809	37.888	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	393486	35.760	ng	97
31) Naphthalene	8.19	128	1190009	37.503	ng	97
32) Benzoic acid	7.95	122	288865	37.606	ng	100
33) 4-Chloroaniline	8.23	127	295347	21.013	ng	98
34) Hexachlorobutadiene	8.31	225	223736	35.458	ng	98
35) Caprolactam	8.60	113	69403	23.073	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	382349	37.866	ng	98
37) 2-Methylnaphthalene	8.88	142	814714	38.734	ng	97
38) 1-Methylnaphthalene	8.97	142	761951	38.138	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	375656	37.962	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071719\
 Data File : BF115622.D
 Acq On : 17 Jul 2019 14:43
 Operator : HP/JU
 Sample : PB121441BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121441BS

Quant Time: Jul 18 04:44:02 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	9.03	237	311078	55.109	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	268382	37.087	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	280226	37.813	ng	98
46) 1,1'-Biphenyl	9.34	154	1004388	39.096	ng	98
47) 2-Chloronaphthalene	9.37	162	784349	36.667	ng	98
48) 2-Nitroaniline	9.46	65	234051	35.351	ng	97
49) Acenaphthylene	9.78	152	1180042	37.230	ng	98
50) Dimethylphthalate	9.64	163	929499	37.596	ng	99
51) 2,6-Dinitrotoluene	9.70	165	215672	38.386	ng	96
52) Acenaphthene	9.95	154	841710	41.132	ng	98
53) 3-Nitroaniline	9.86	138	155673	24.246	ng	99
54) 2,4-Dinitrophenol	9.97	184	233456	80.930	ng	99
55) Dibenzofuran	10.13	168	1078776	37.122	ng	98
56) 4-Nitrophenol	10.03	139	346198	70.710	ng	99
57) 2,4-Dinitrotoluene	10.10	165	282271	38.778	ng	93
58) Fluorene	10.47	166	802874	38.646	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	248827	40.165	ng	98
60) Diethylphthalate	10.34	149	893172	38.558	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	419198	36.386	ng	97
62) 4-Nitroaniline	10.48	138	205483	33.364	ng	97
63) Azobenzene	10.62	77	853457	37.984	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	153066	38.656	ng	97
66) n-Nitrosodiphenylamine	10.57	169	737381	36.576	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	263791	35.617	ng	98
68) Hexachlorobenzene	11.02	284	299644	35.428	ng	97
69) Atrazine	11.10	200	222284	33.610	ng	99
70) Pentachlorophenol	11.21	266	350472	67.749	ng	98
71) Phenanthrene	11.43	178	1224084	36.847	ng	97
72) Anthracene	11.48	178	1235345	35.982	ng	99
73) Carbazole	11.63	167	1106733	36.760	ng	99
74) Di-n-butylphthalate	11.96	149	1378627	37.175	ng	99
75) Fluoranthene	12.62	202	1291788	36.797	ng	99
77) Benzidine	12.73	184	261588	17.378	ng	99
78) Pyrene	12.84	202	1285636	35.711	ng	97
80) Butylbenzylphthalate	13.45	149	578402	37.688	ng	96
81) Benzo(a)anthracene	14.03	228	1017138	36.334	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	316024	31.755	ng	98
83) Chrysene	14.06	228	1029066	36.618	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	762615	40.116	ng	99
85) Di-n-octyl phthalate	14.63	149	1226479	40.548	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	942461	39.474	ng	99
88) Benzo(b)fluoranthene	15.07	252	1019319	49.139	ng	100
89) Benzo(k)fluoranthene	15.10	252	857117	46.346	ng	99
90) Benzo(a)pyrene	15.44	252	866453	48.599	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	810446	51.779	ng	99
92) Benzo(g,h,i)perylene	17.42	276	809850	51.880	ng	99

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

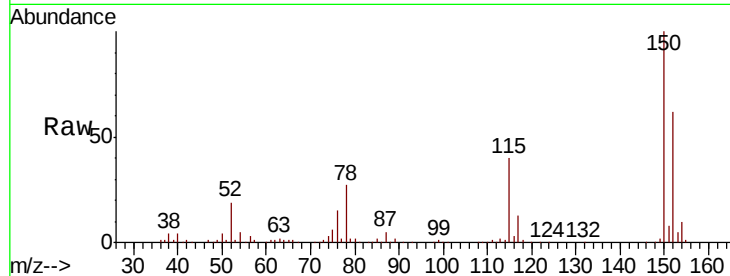


#1

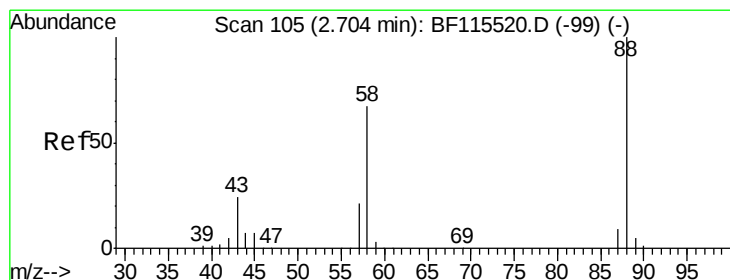
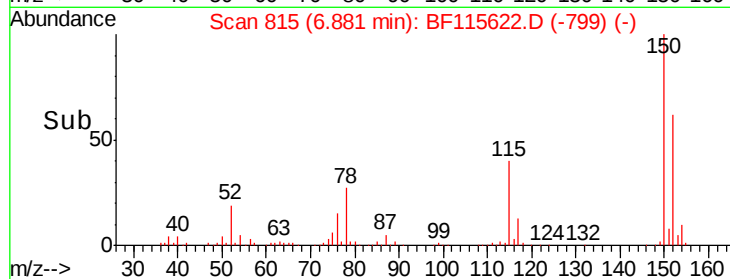
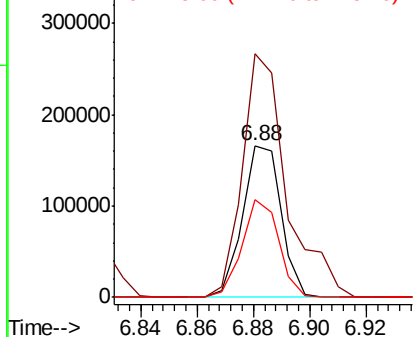
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tgt Ion:152 Resp: 157640
Ion Ratio Lower Upper
152 100
150 160.4 129.7 194.5
115 64.7 48.2 72.4



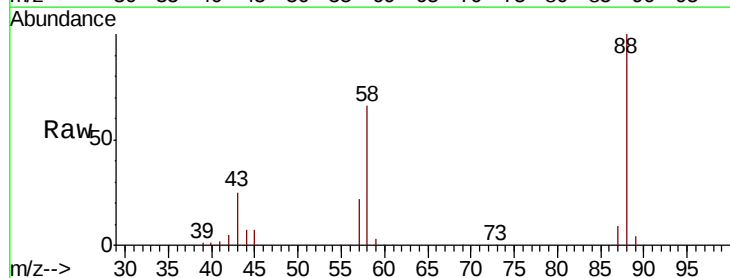
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



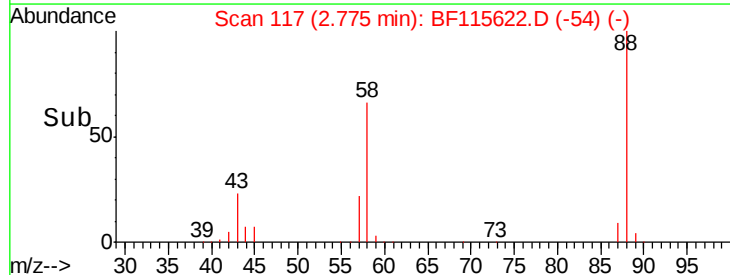
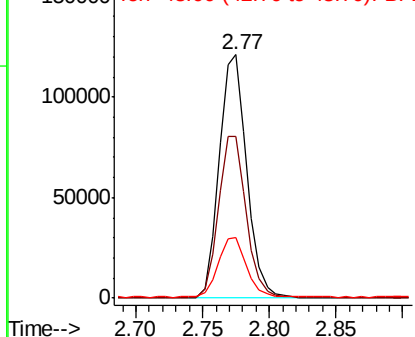
#2

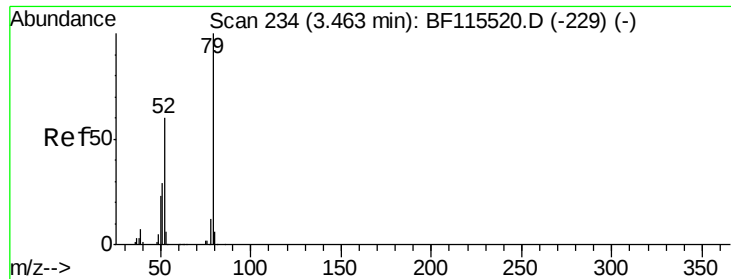
1,4-Dioxane
Concen: 36.682 ng
RT: 2.77 min Scan# 117
Delta R.T. 0.07 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion: 88 Resp: 176342
Ion Ratio Lower Upper
88 100
58 67.1 52.6 79.0
43 24.9 19.1 28.7



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

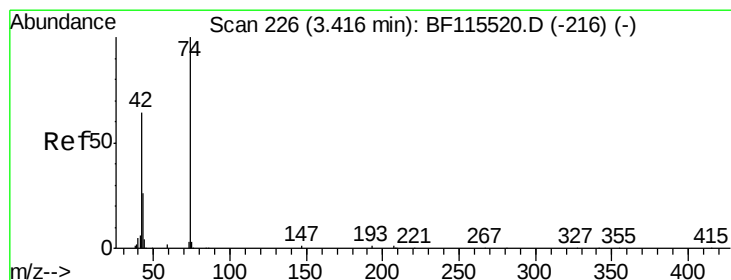
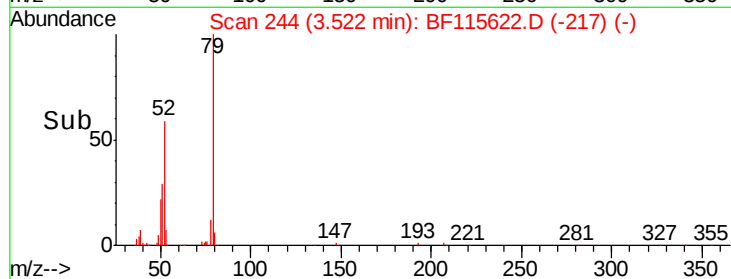
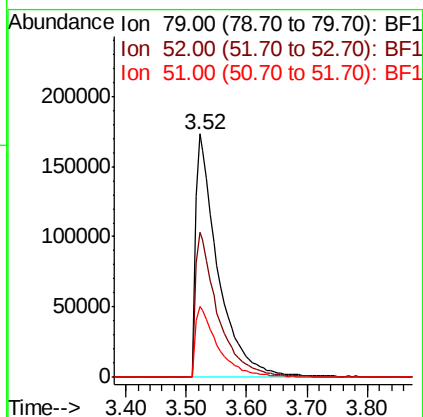
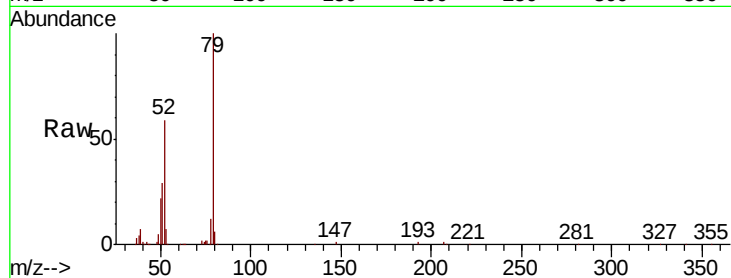




#3
Pyridine
Concen: 34.252 ng
RT: 3.52 min Scan# 244
Delta R.T. 0.06 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

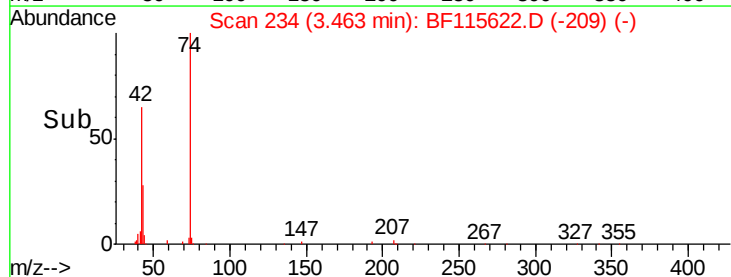
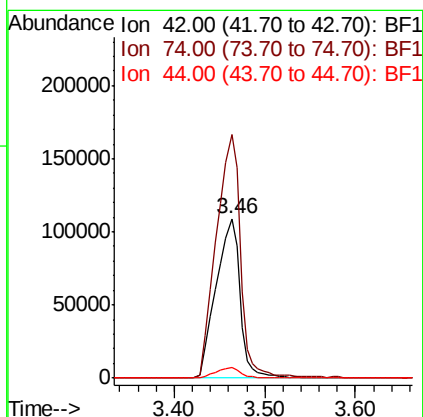
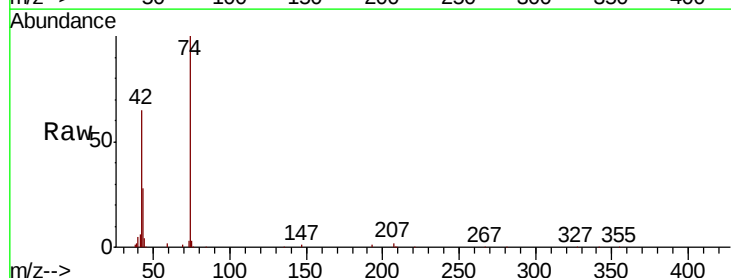
Instrument :
BNA_F
ClientSampleId :
PB121441BS

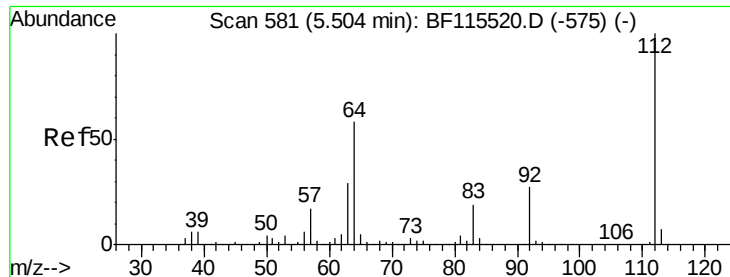
Tgt Ion: 79 Resp: 446735
Ion Ratio Lower Upper
79 100
52 59.5 47.8 71.6
51 29.1 23.8 35.8



#4
n-Nitrosodimethylamine
Concen: 42.597 ng
RT: 3.46 min Scan# 234
Delta R.T. 0.05 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion: 42 Resp: 201554
Ion Ratio Lower Upper
42 100
74 152.9 127.5 191.3
44 6.5 5.0 7.6

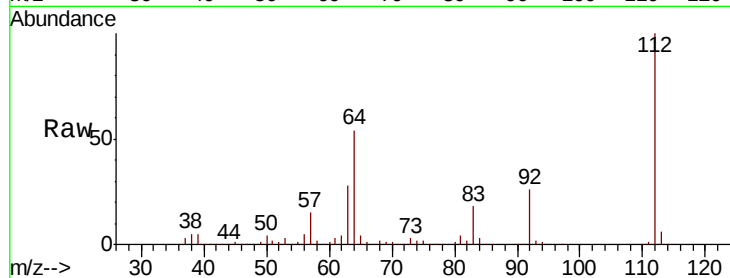




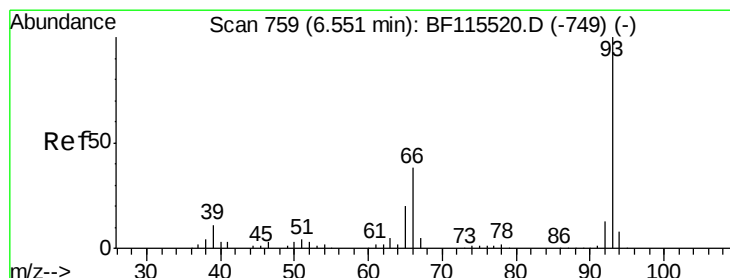
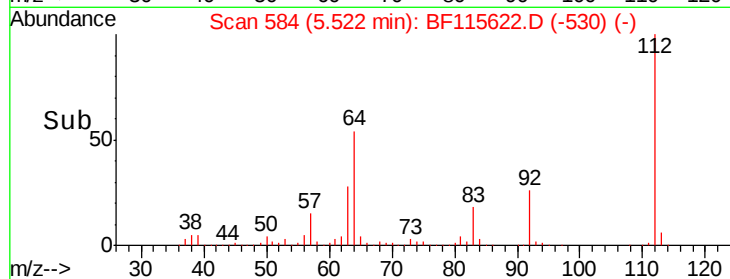
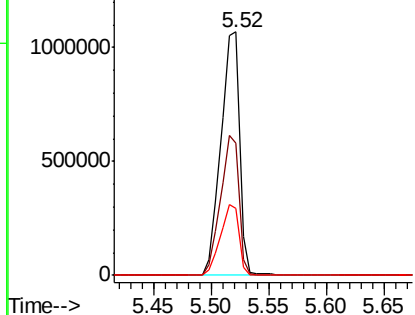
#5
 2-Fluorophenol
 Concen: 125.463 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.02 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Instrument :
 BNA_F
 ClientSampled :
 PB121441BS

Tgt Ion: 112 Resp: 1209136
 Ion Ratio Lower Upper
 112 100
 64 54.2 46.8 70.2
 63 27.7 24.1 36.1

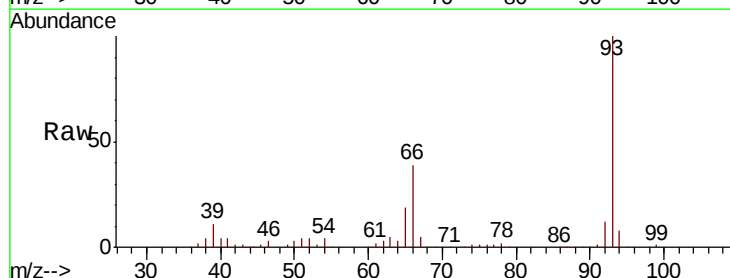


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

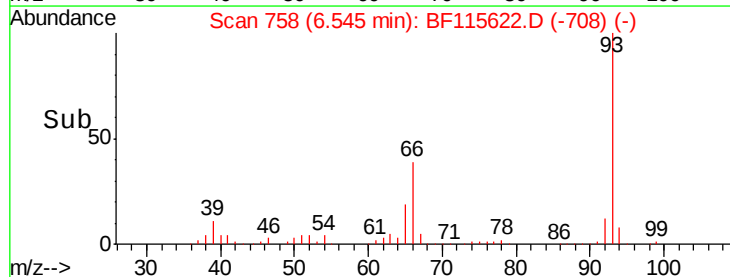
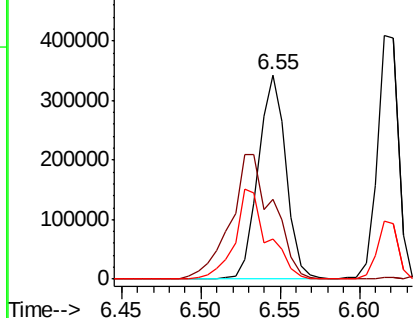


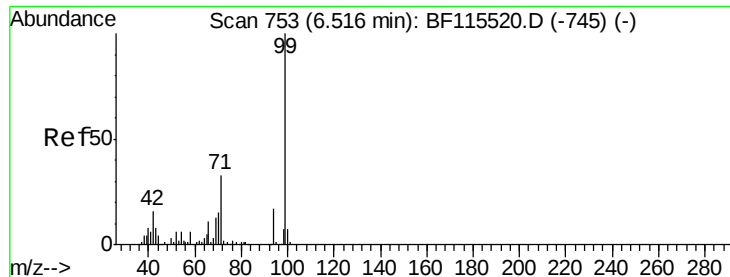
#6
 Aniline
 Concen: 24.690 ng
 RT: 6.55 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Tgt Ion: 93 Resp: 420172
 Ion Ratio Lower Upper
 93 100
 66 38.9 31.7 47.5
 65 19.4 16.2 24.2



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





#7

Phenol-d6

Concen: 110.110 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampleId :

PB121441BS

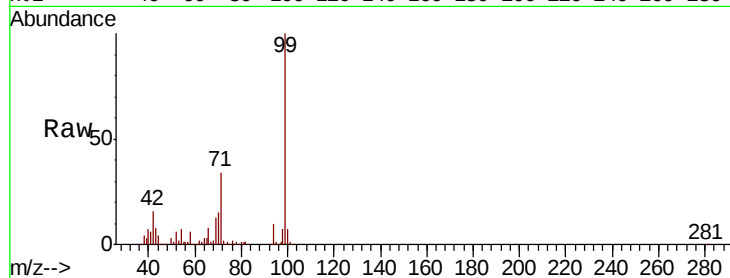
Tgt Ion: 99 Resp: 1346514

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

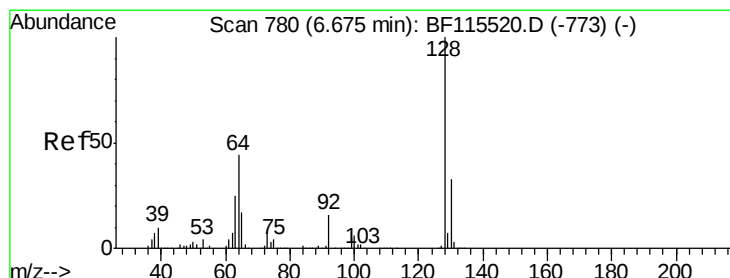
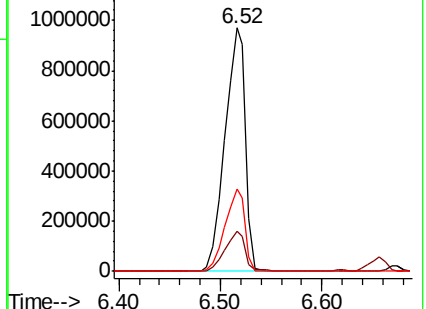
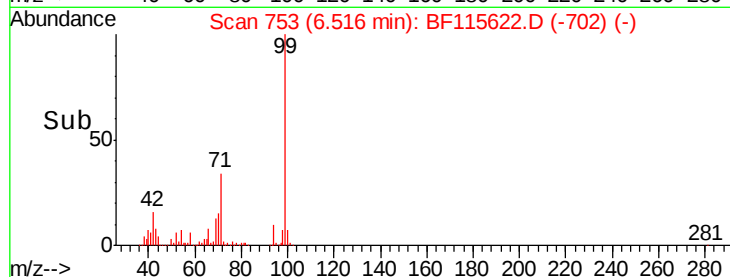
71 34.0 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.718 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

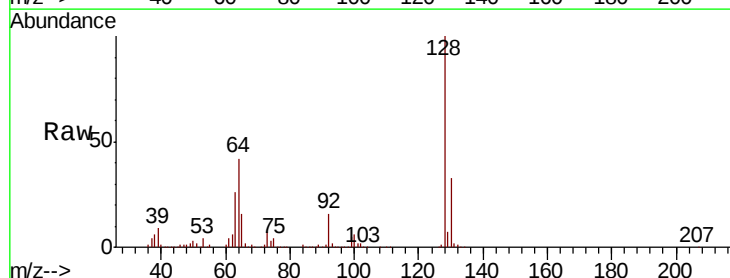
Tgt Ion: 128 Resp: 406848

Ion Ratio Lower Upper

128 100

130 33.4 12.8 52.8

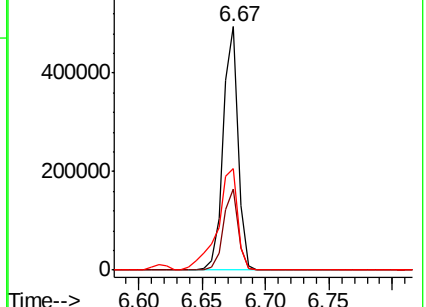
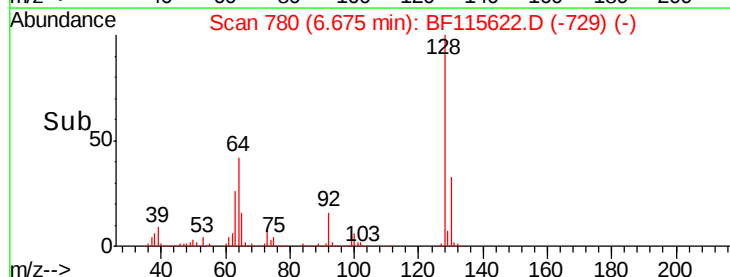
64 41.8 26.8 66.8

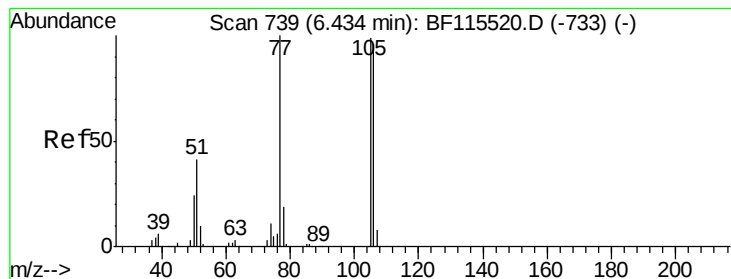


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 5.577 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampleId :

PB121441BS

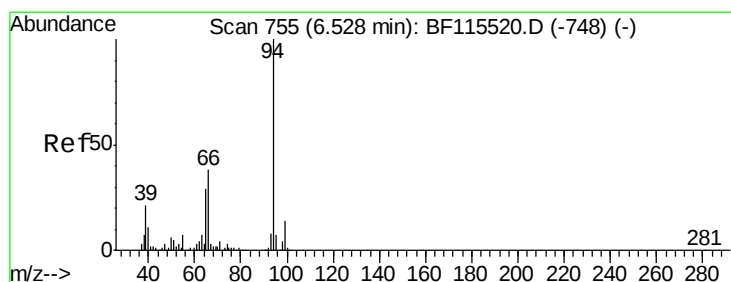
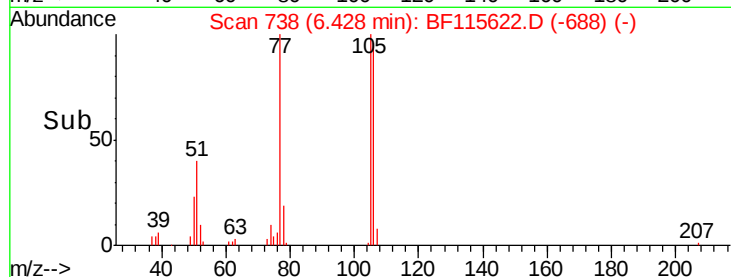
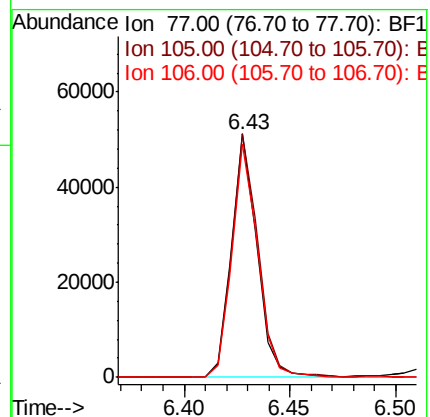
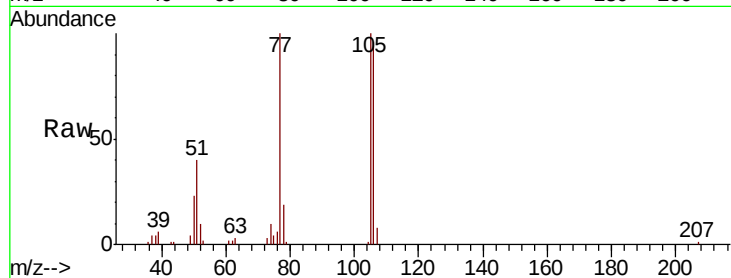
Tgt Ion: 77 Resp: 42619

Ion Ratio Lower Upper

77 100

105 99.8 78.8 118.8

106 95.7 75.6 115.6



#10

Phenol

Concen: 36.880 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

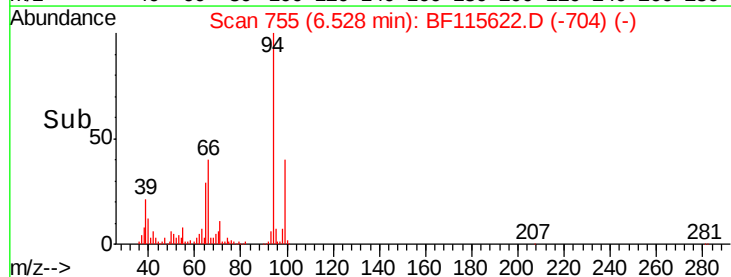
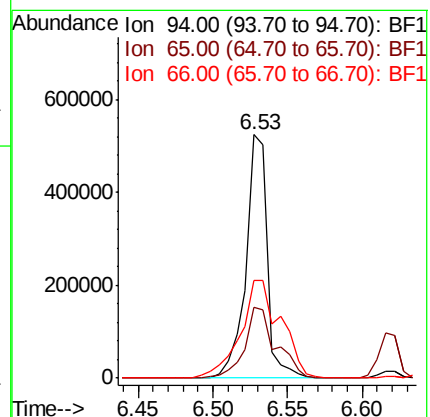
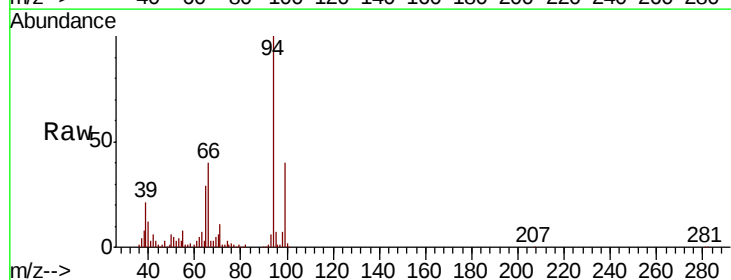
Tgt Ion: 94 Resp: 523550

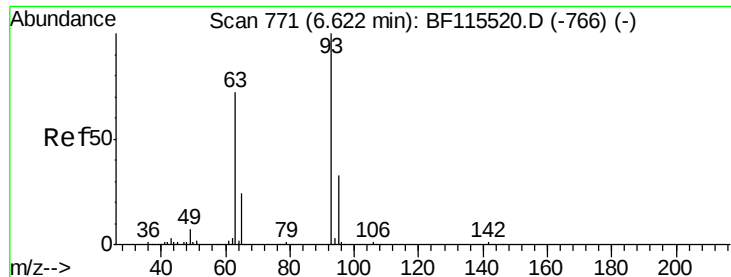
Ion Ratio Lower Upper

94 100

65 29.0 14.5 54.5

66 40.1 31.3 71.3





#11

bis(2-Chloroethyl)ether

Concen: 34.945 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampleId :

PB121441BS

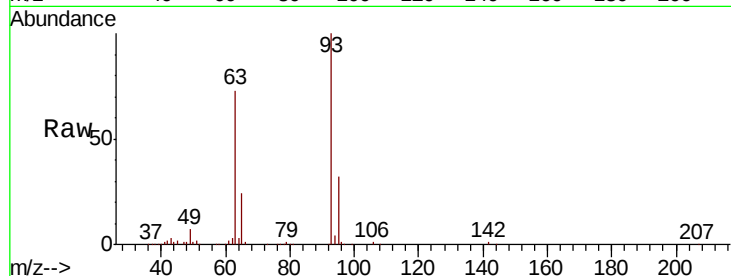
Tgt Ion: 93 Resp: 377694

Ion Ratio Lower Upper

93 100

63 73.2 52.2 92.2

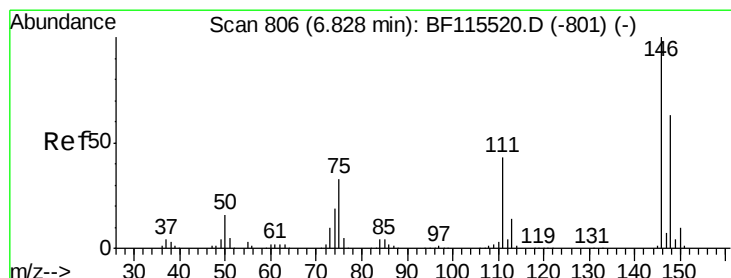
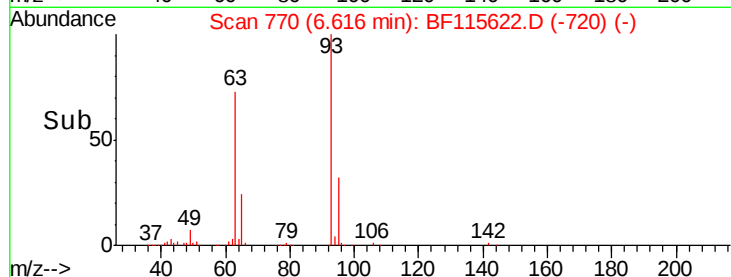
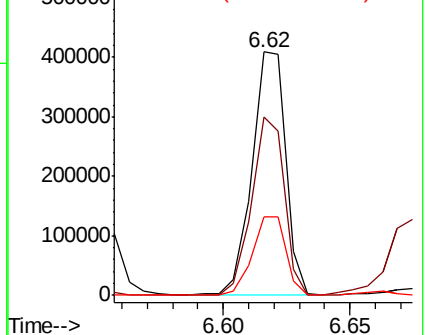
95 32.4 12.9 52.9



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: 33.923 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

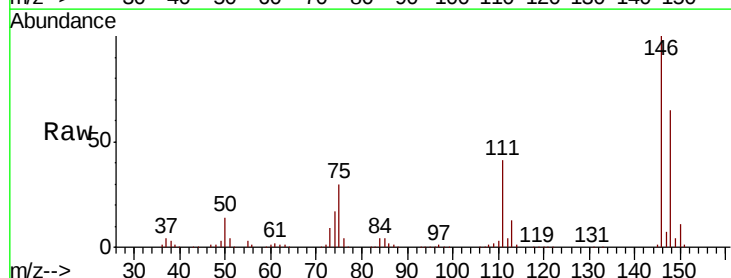
Tgt Ion: 146 Resp: 422612

Ion Ratio Lower Upper

146 100

148 65.0 52.1 78.1

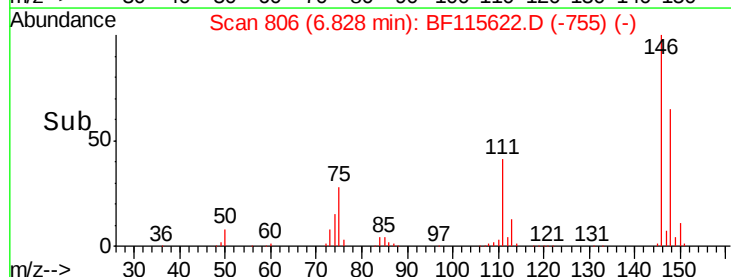
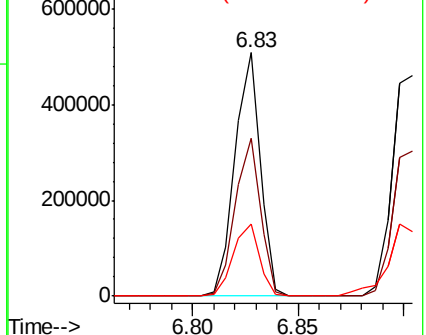
75 29.7 24.9 37.3

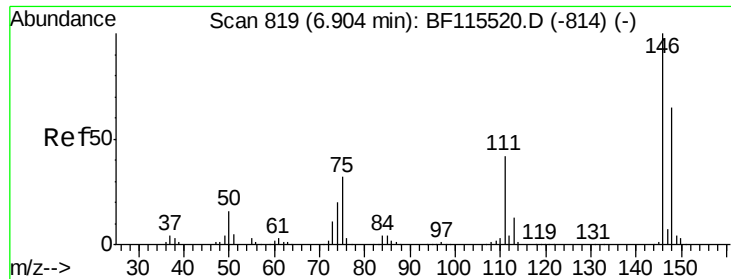


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

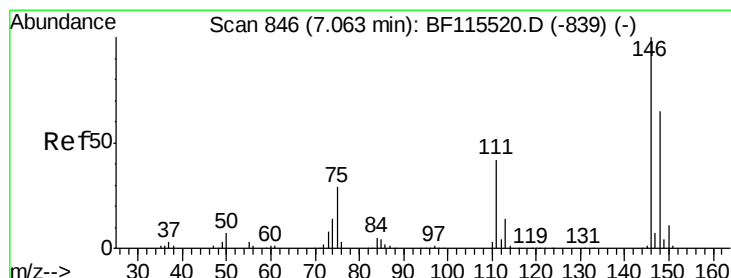
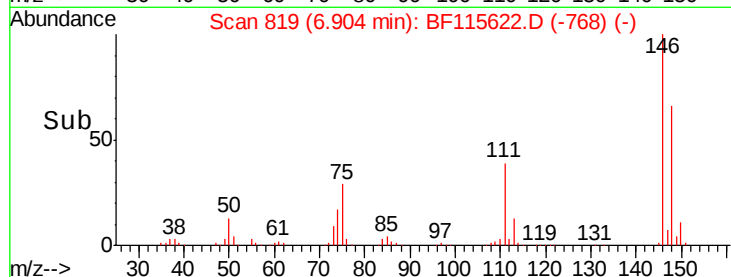
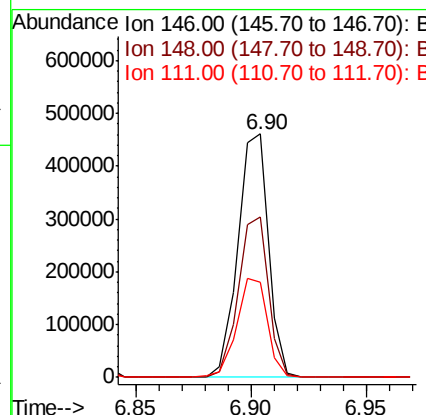
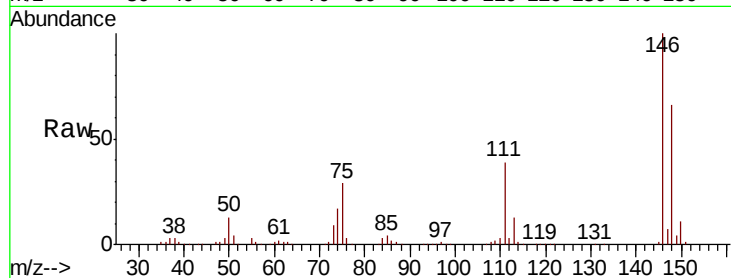




#13
 1,4-Dichlorobenzene
 Concen: 34.290 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

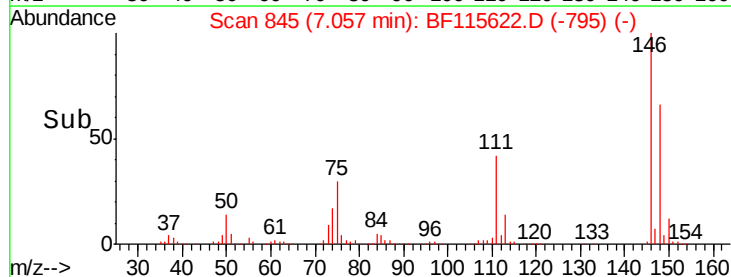
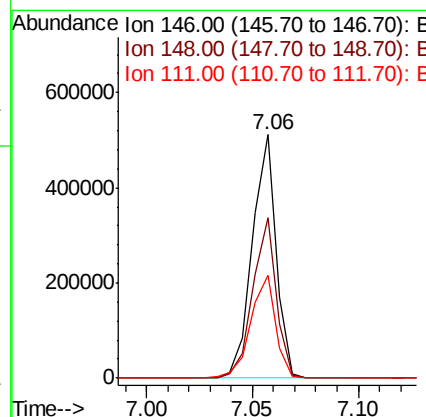
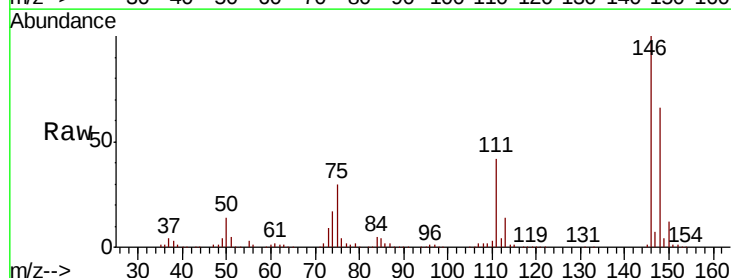
Instrument :
 BNA_F
 ClientSampleId :
 PB121441BS

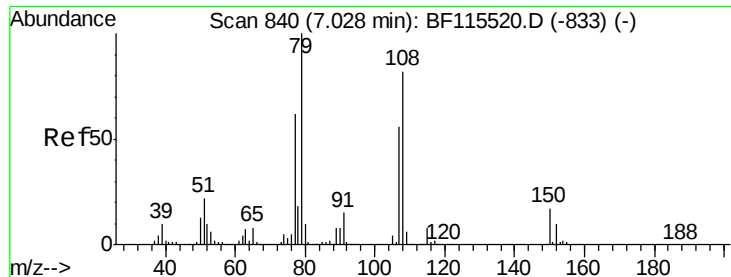
Tgt Ion:146 Resp: 426215
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.8 77.6
 111 38.9 35.5 53.3



#14
 1,2-Dichlorobenzene
 Concen: 35.405 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Tgt Ion:146 Resp: 402294
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.1 76.7
 111 42.1 37.6 56.4





#15

Benzyl Alcohol

Concen: 37.301 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampleId :

PB121441BS

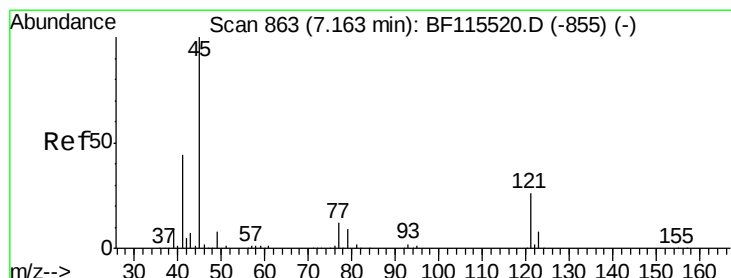
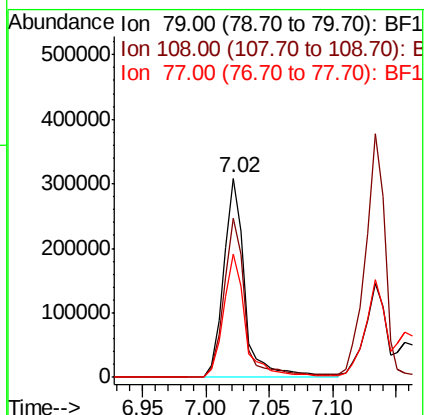
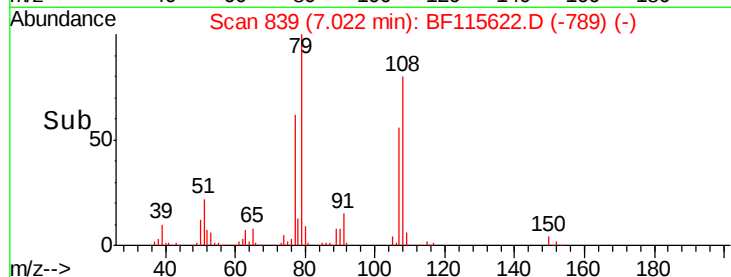
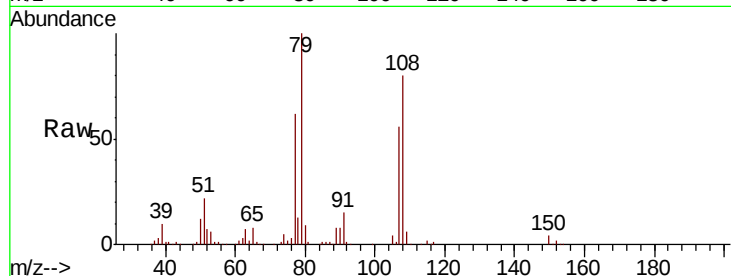
Tgt Ion: 79 Resp: 361855

Ion Ratio Lower Upper

79 100

108 80.1 64.2 96.4

77 62.2 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.322 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

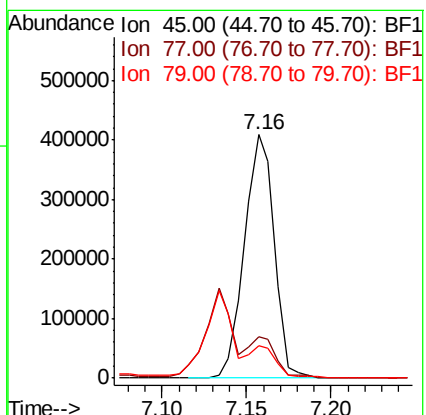
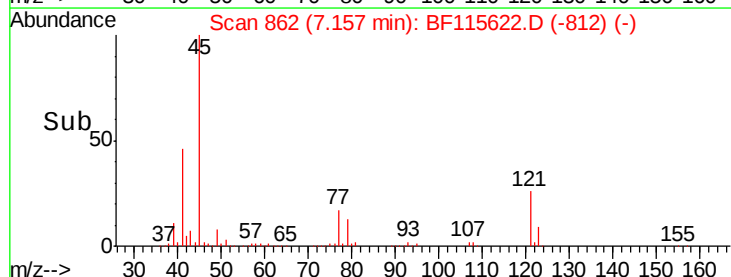
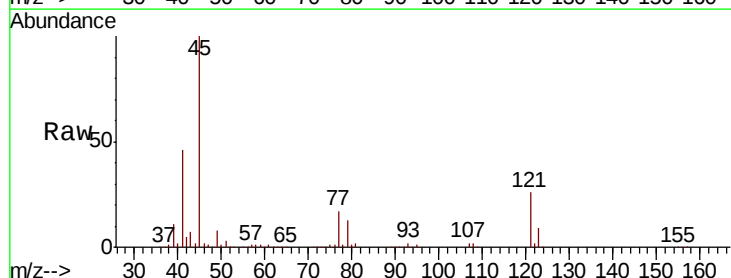
Tgt Ion: 45 Resp: 502605

Ion Ratio Lower Upper

45 100

77 17.0 0.0 38.1

79 13.2 0.0 34.1

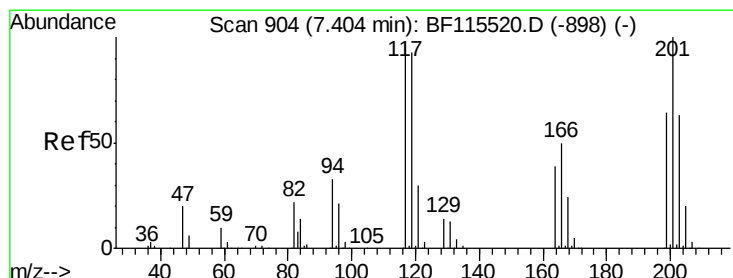
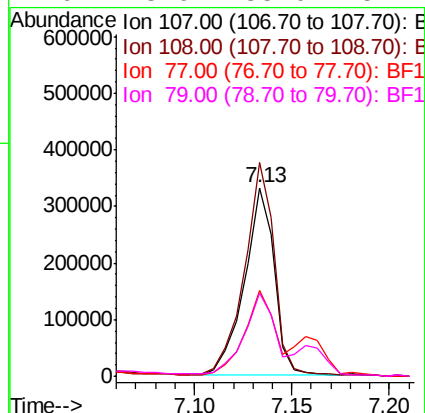
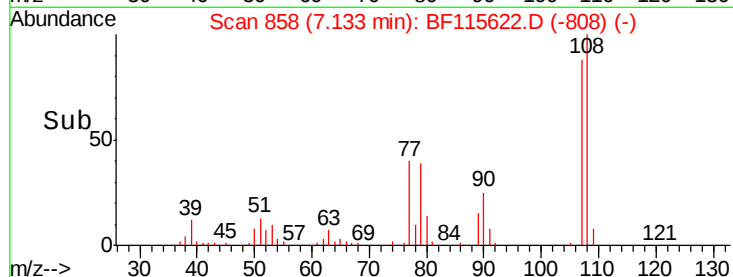
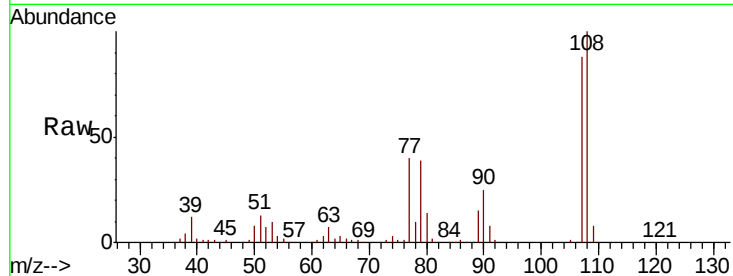




#17
2-Methylphenol
Concen: 36.702 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

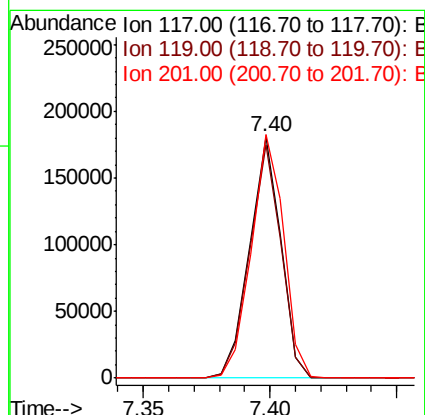
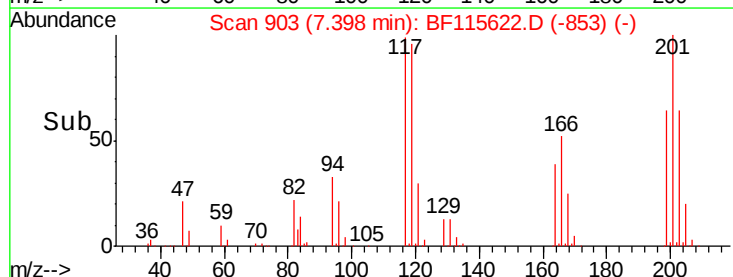
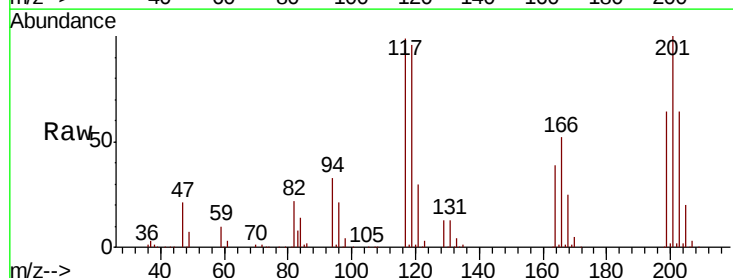
Instrument :
BNA_F
ClientSampleId :
PB121441BS

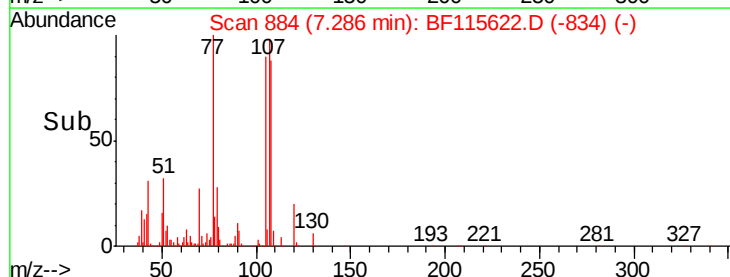
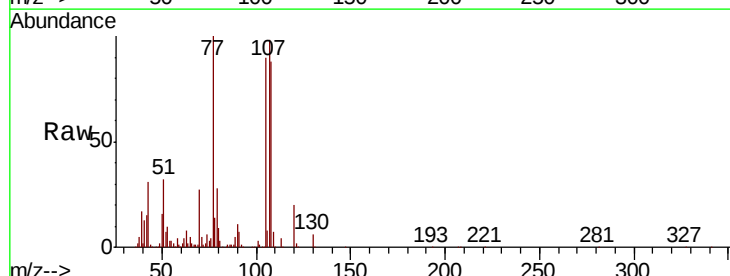
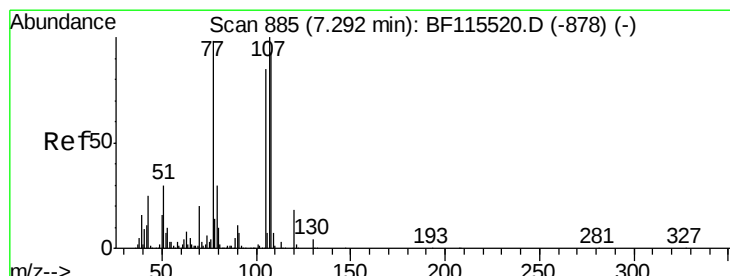
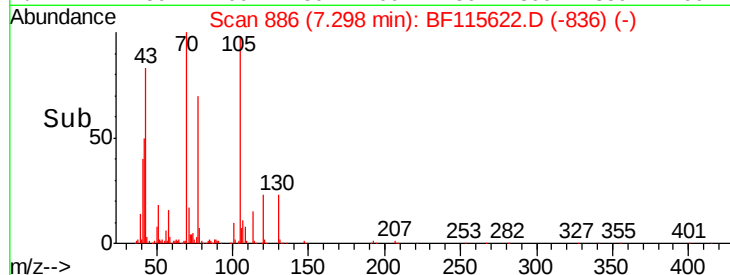
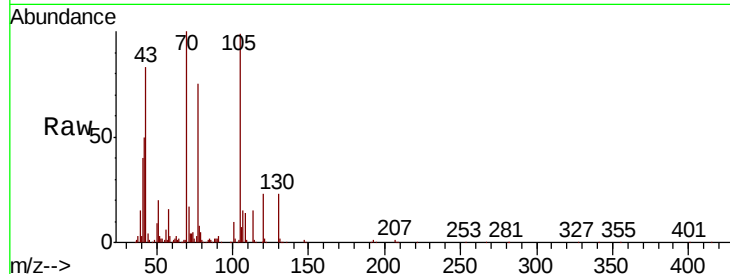
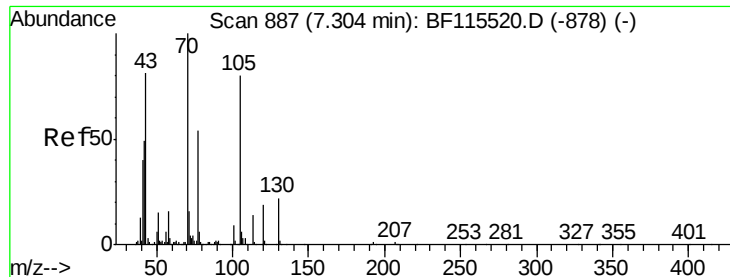
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.4	134.2
77	45.3	35.7	53.5
79	43.9	35.0	52.4



#18
Hexachloroethane
Concen: 33.690 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.7	116.5
201	100.7	86.0	129.0

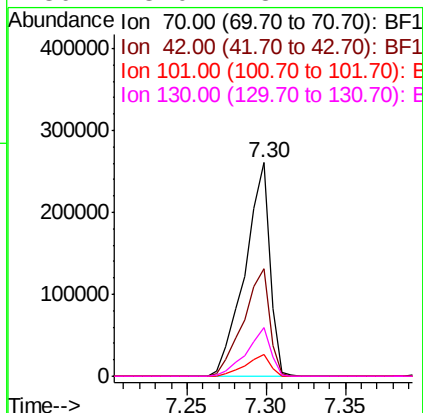




#19
n-Nitroso-di-n-propylamine
Concen: 35.444 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

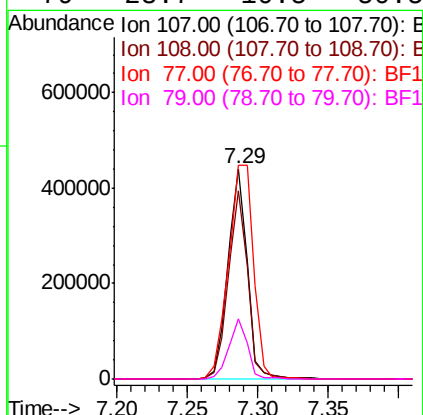
Instrument :
BNA_F
ClientSampleId :
PB121441BS

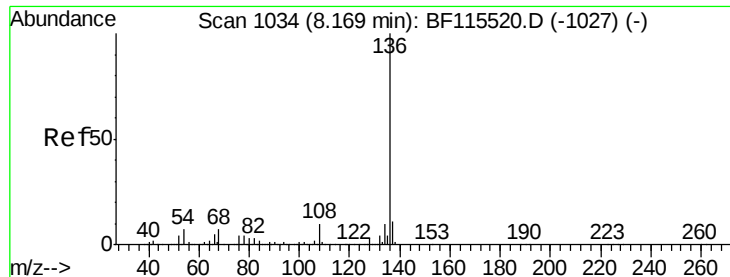
Tgt Ion:	70	Resp:	282684
Ion	Ratio	Lower	Upper
70	100		
42	50.1	39.6	59.4
101	10.1	8.1	12.1
130	23.0	18.2	27.2



#20
3+4-Methylphenols
Concen: 36.715 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion:	107	Resp:	416427
Ion	Ratio	Lower	Upper
107	100		
108	89.6	72.9	112.9
77	101.6	77.6	117.6
79	28.7	10.5	50.5

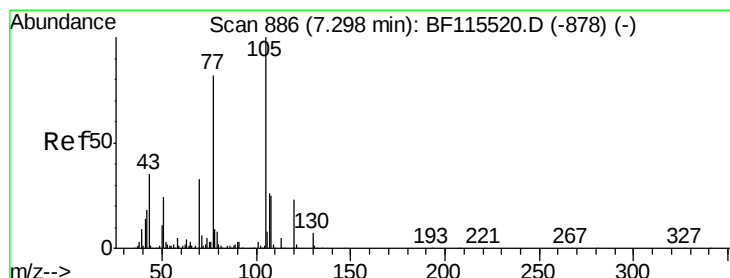
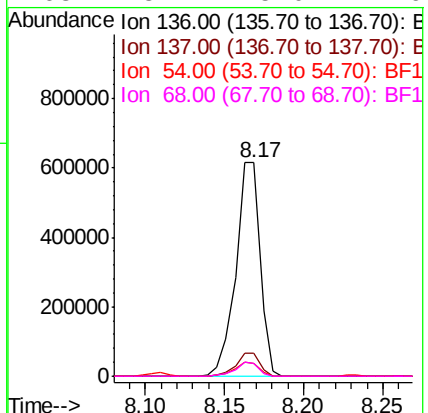
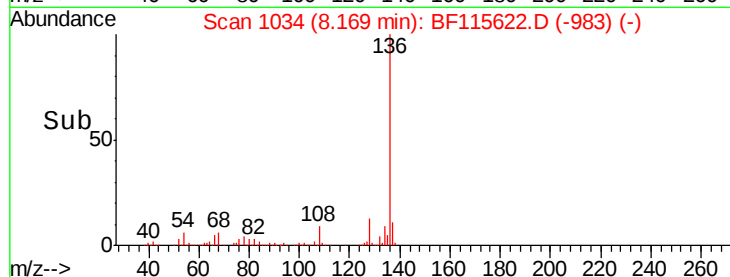
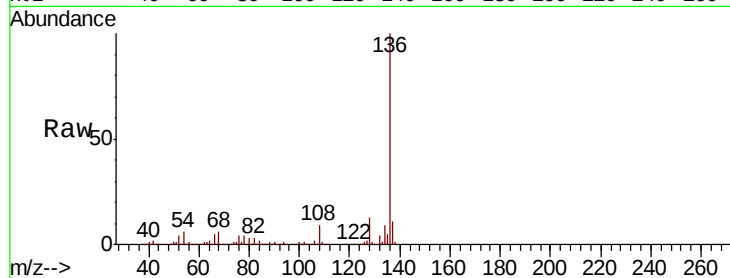




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

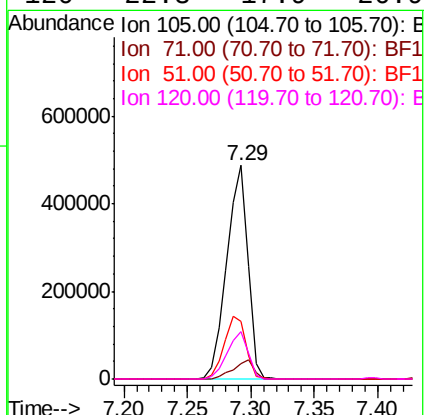
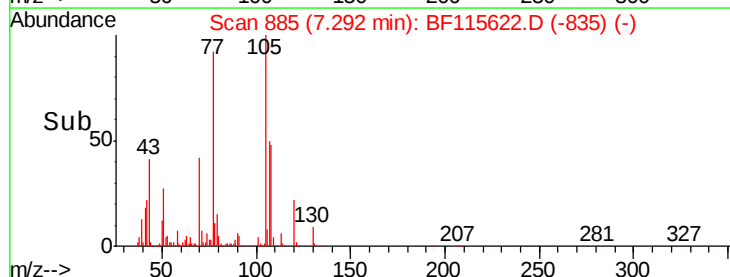
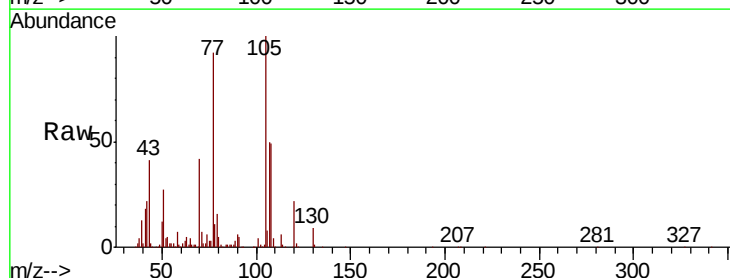
Instrument :
BNA_F
ClientSampleId :
PB121441BS

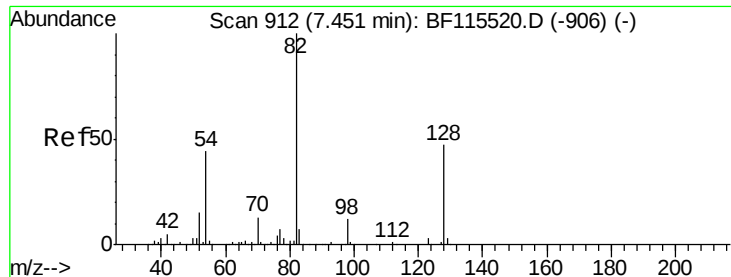
Tgt Ion:	136	Resp:	655197
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.0	5.6	8.4
68	5.7	5.0	7.6



#22
Acetophenone
Concen: 37.654 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion:	105	Resp:	557345
Ion	Ratio	Lower	Upper
105	100		
71	6.9	3.5	5.3#
51	26.8	25.6	38.4
120	22.3	17.9	26.9

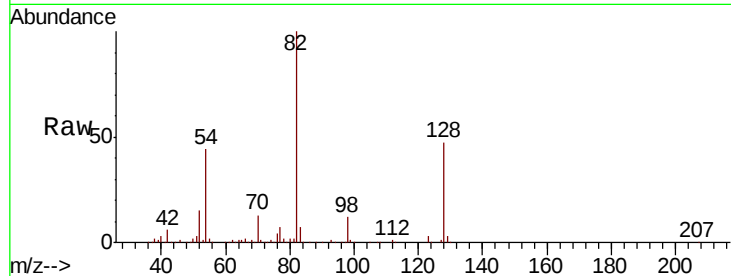




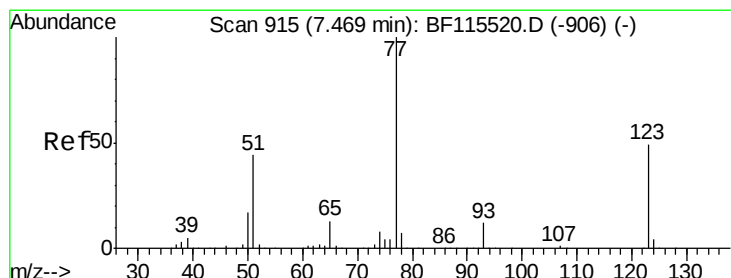
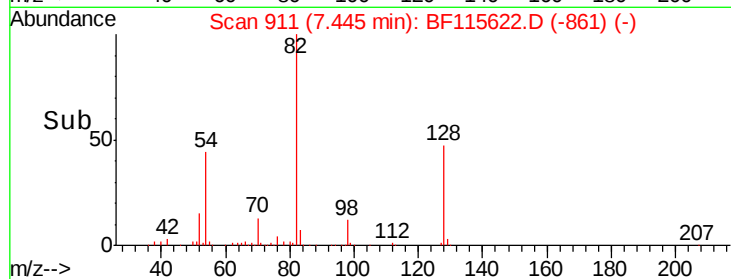
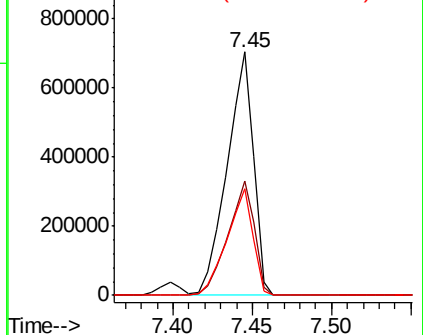
#23
Nitrobenzene-d5
Concen: 72.305 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tgt Ion: 82 Resp: 814739
Ion Ratio Lower Upper
82 100
128 47.2 38.6 57.8
54 43.9 35.6 53.4

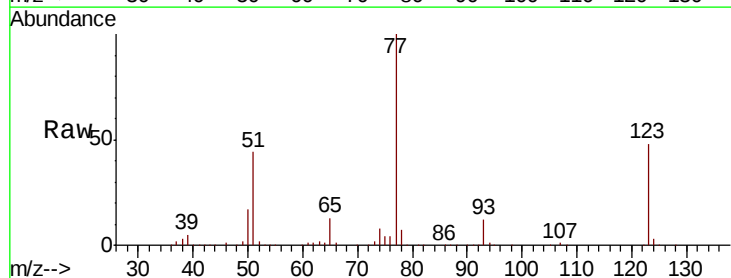


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

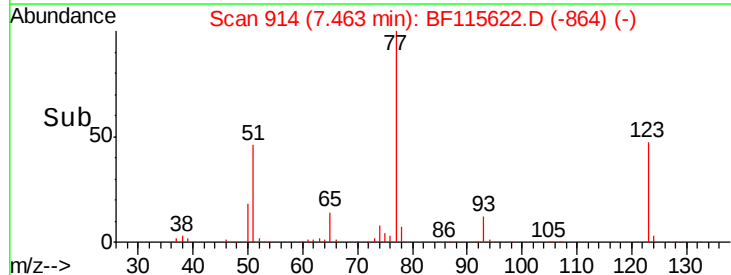
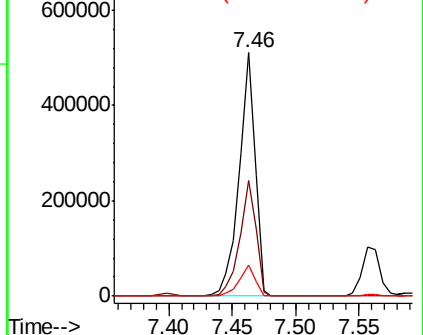


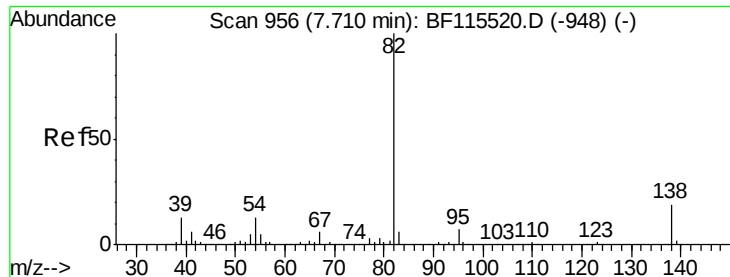
#24
Nitrobenzene
Concen: 36.445 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion: 77 Resp: 442939
Ion Ratio Lower Upper
77 100
123 47.6 40.0 60.0
65 12.9 11.0 16.4



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

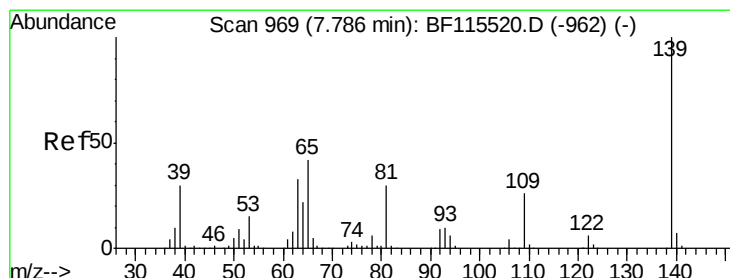
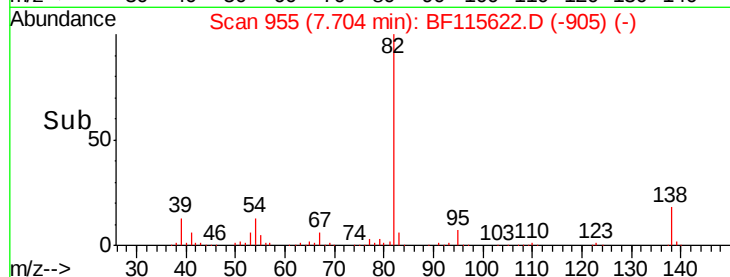
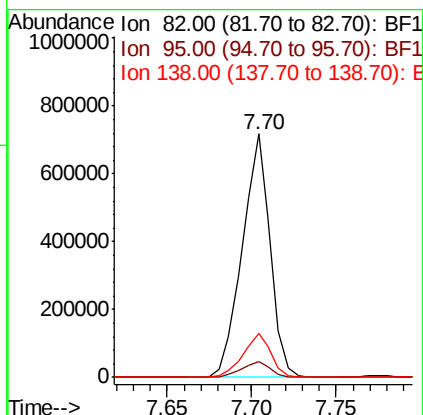
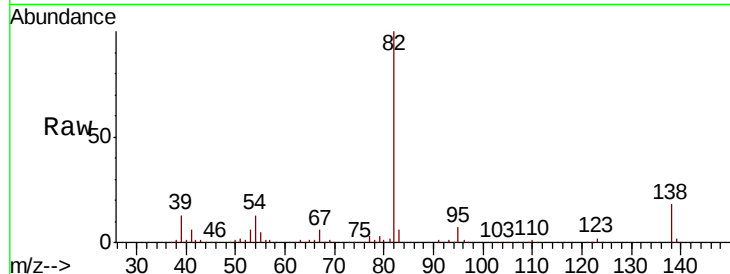




#25
Isophorone
Concen: 36.639 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

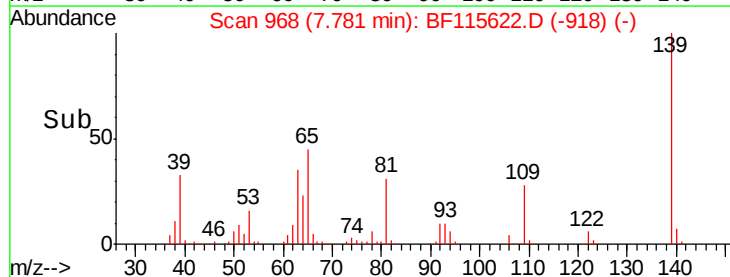
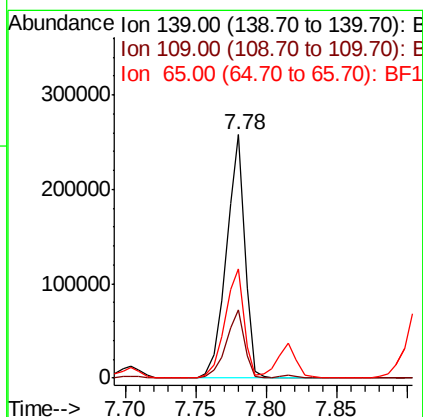
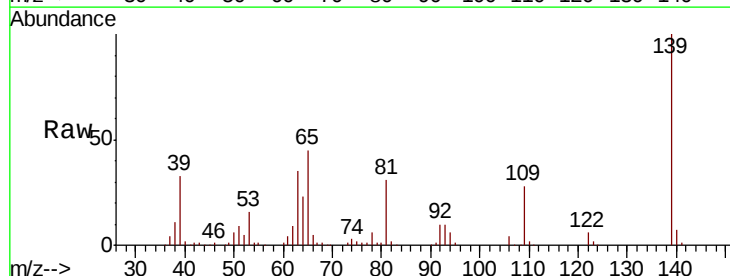
Instrument :
BNA_F
ClientSampleId :
PB121441BS

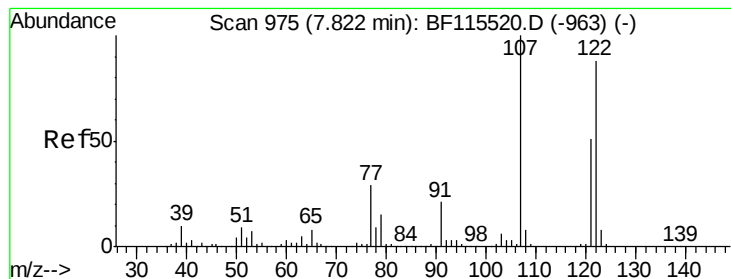
Tgt Ion: 82 Resp: 826123
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.2 14.9 22.3



#26
2-Nitrophenol
Concen: 37.309 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion: 139 Resp: 233389
Ion Ratio Lower Upper
139 100
109 27.9 23.3 34.9
65 45.0 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 42.306 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampleId :

PB121441BS

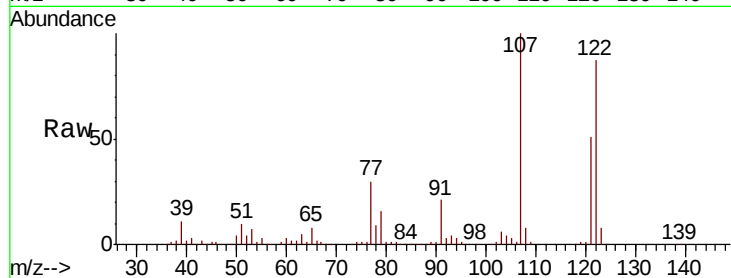
Tgt Ion:122 Resp: 395983

Ion Ratio Lower Upper

122 100

107 114.9 92.9 139.3

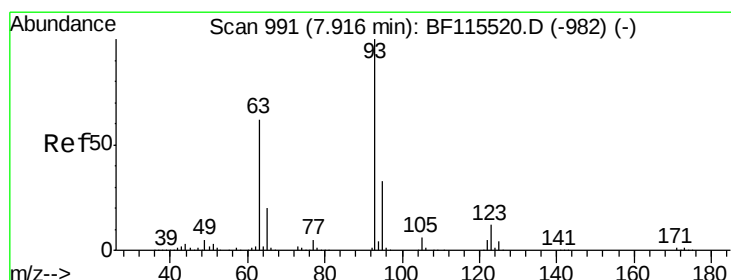
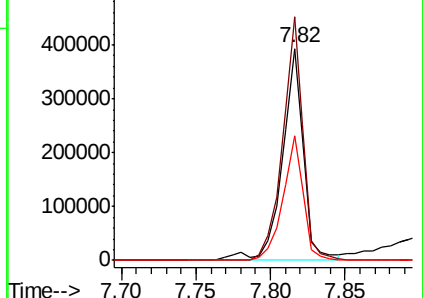
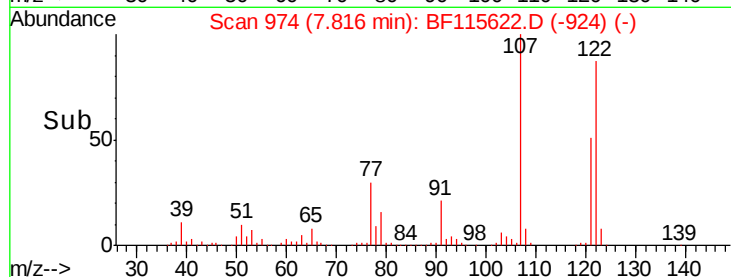
121 58.8 46.9 70.3



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: 35.977 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

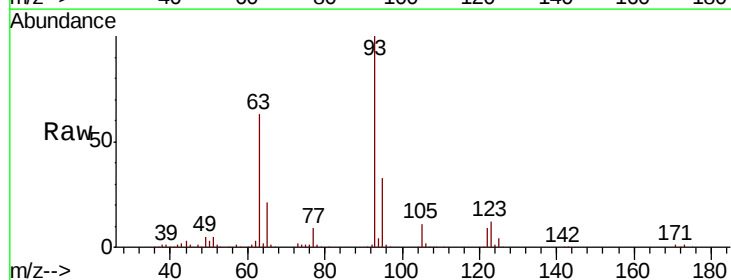
Tgt Ion: 93 Resp: 497654

Ion Ratio Lower Upper

93 100

95 32.7 27.0 40.4

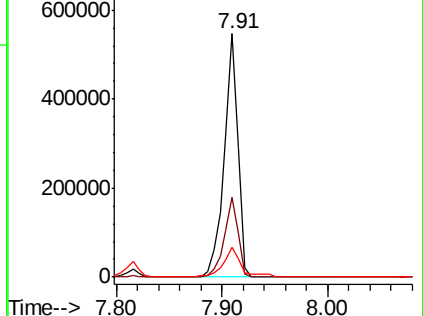
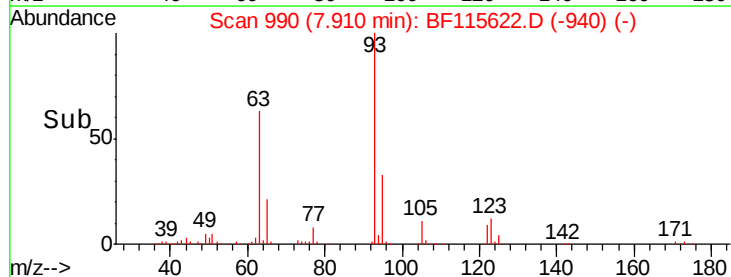
123 12.4 9.9 14.9

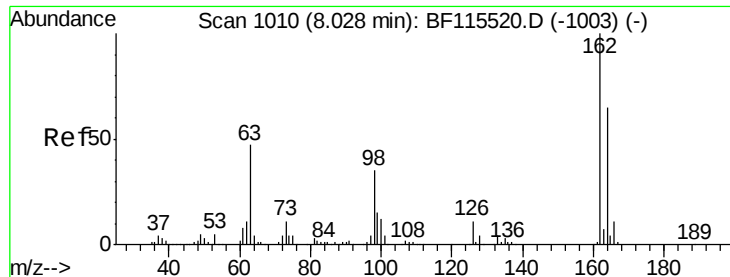


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

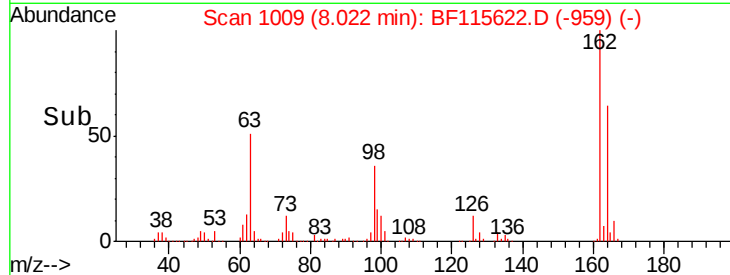
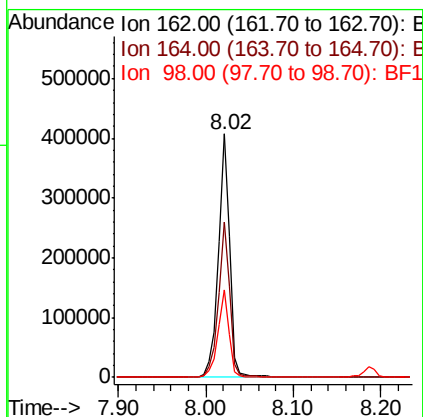
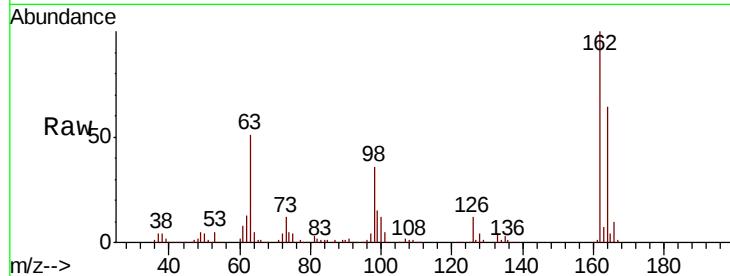




#29
 2,4-Dichlorophenol
 Concen: 37.888 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

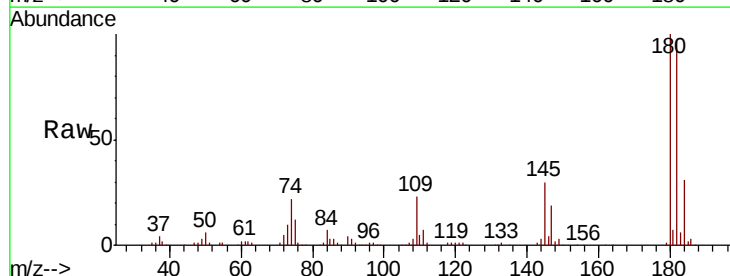
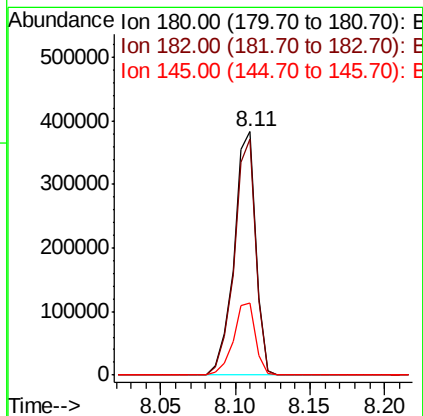
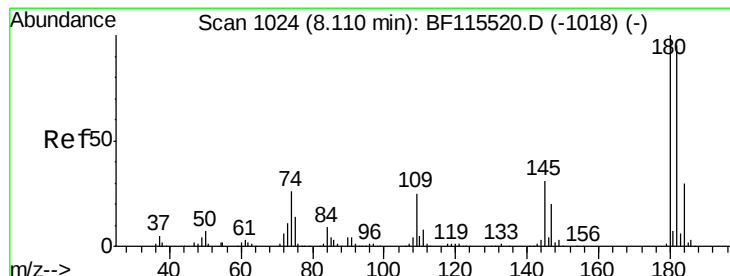
Instrument :
 BNA_F
 ClientSampleId :
 PB121441BS

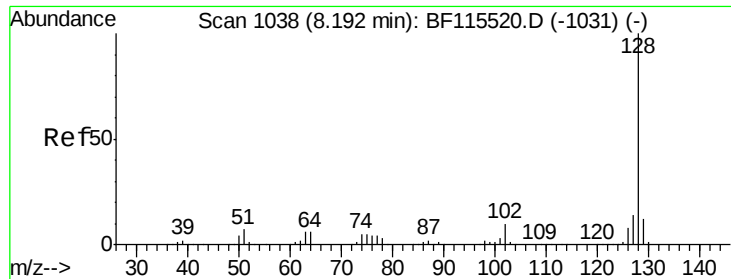
Tgt Ion:162 Resp: 368809
 Ion Ratio Lower Upper
 162 100
 164 63.8 44.9 84.9
 98 36.2 17.7 57.7



#30
 1,2,4-Trichlorobenzene
 Concen: 35.760 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Tgt Ion:180 Resp: 393486
 Ion Ratio Lower Upper
 180 100
 182 97.0 75.0 112.6
 145 29.5 25.1 37.7

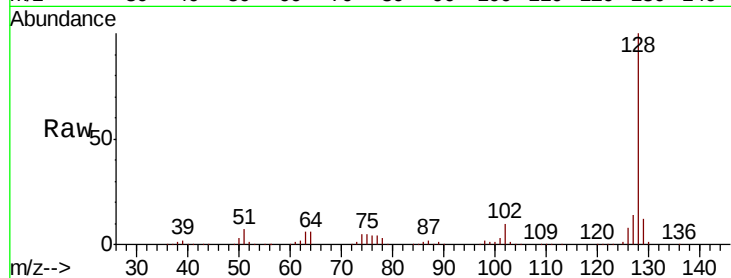




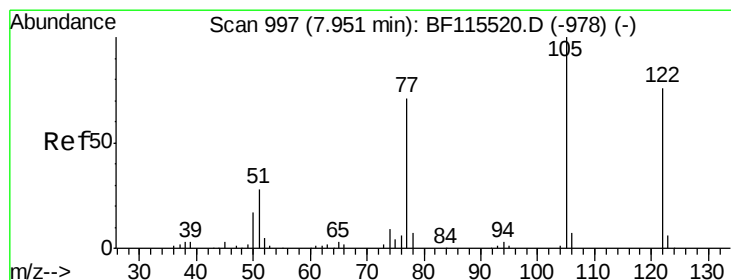
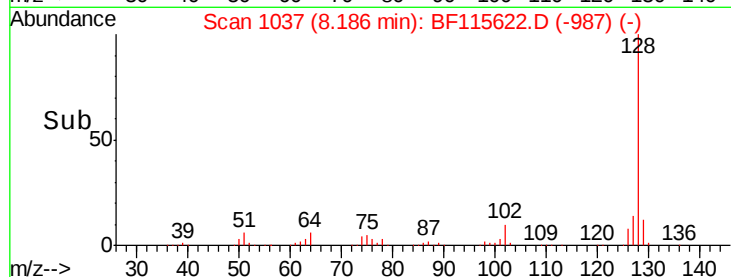
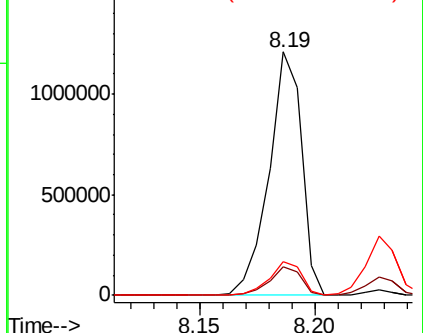
#31
Naphthalene
Concen: 37.503 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tgt Ion:128 Resp: 1190009
Ion Ratio Lower Upper
128 100
129 11.7 9.9 14.9
127 13.6 12.1 18.1

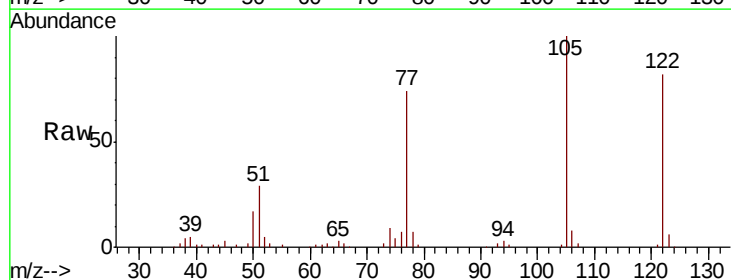


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

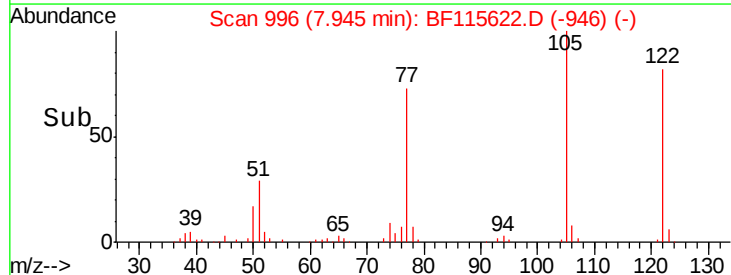
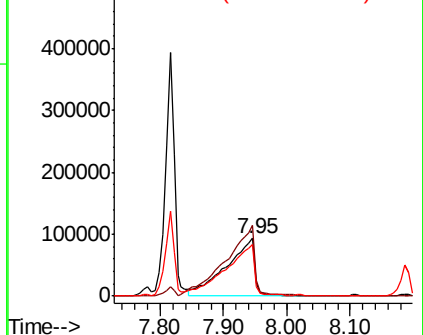


#32
Benzoic acid
Concen: 37.606 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion:122 Resp: 288865
Ion Ratio Lower Upper
122 100
105 122.3 102.5 142.5
77 90.3 70.2 110.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

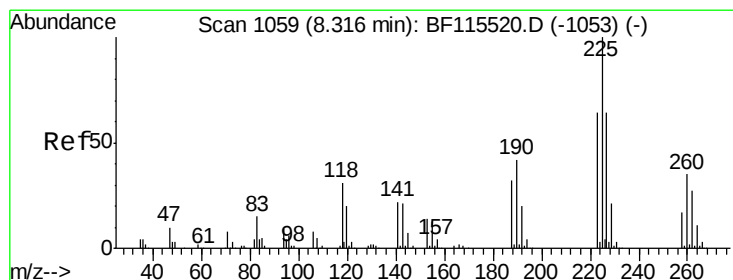
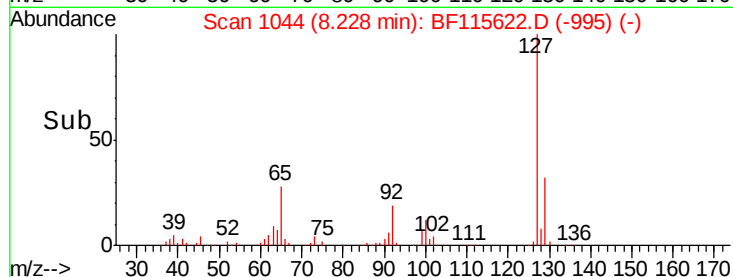
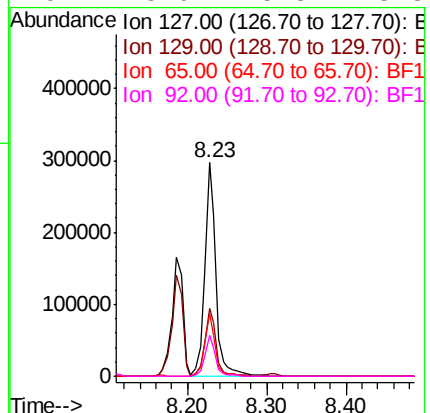
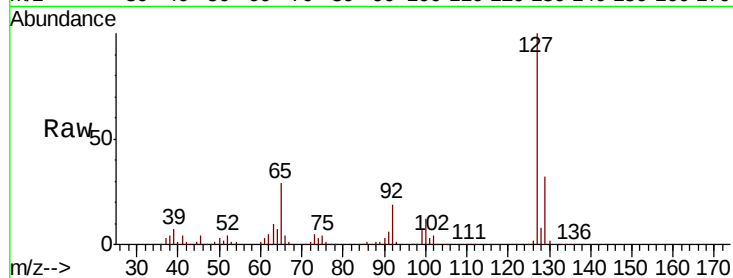




#33
 4-Chloroaniline
 Concen: 21.013 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

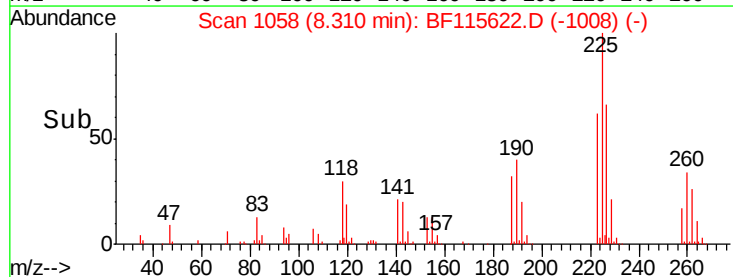
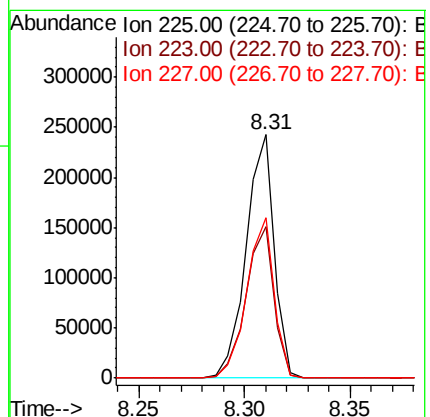
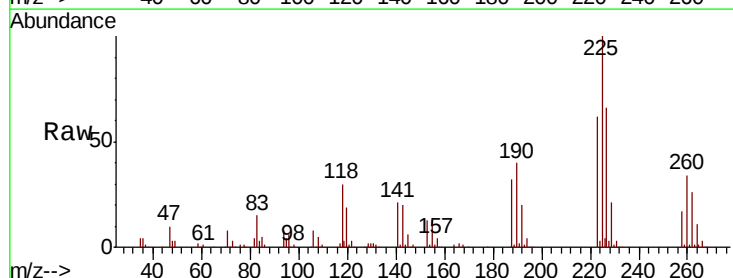
Instrument :
 BNA_F
 ClientSampleId :
 PB121441BS

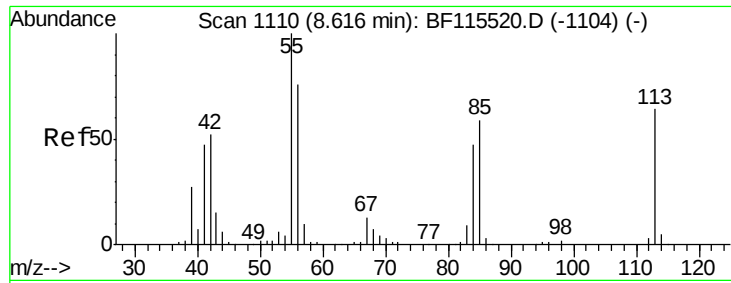
Tgt Ion:	127	Resp:	295347
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.6	39.8
65	29.3	23.7	35.5
92	18.9	15.8	23.8



#34
 Hexachlorobutadiene
 Concen: 35.458 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Tgt Ion:	225	Resp:	223736
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.9	76.3
227	65.7	50.7	76.1

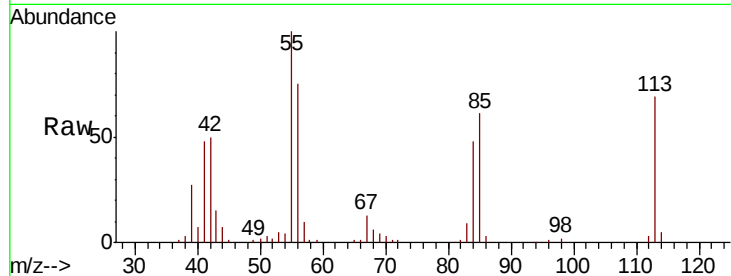




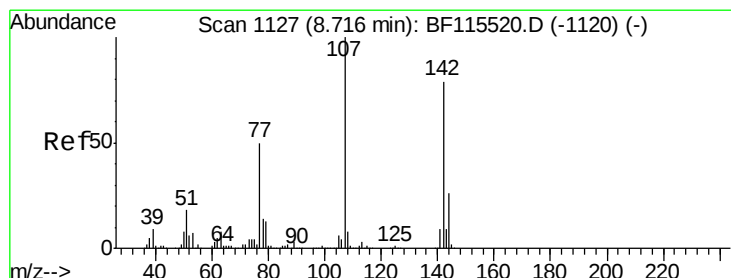
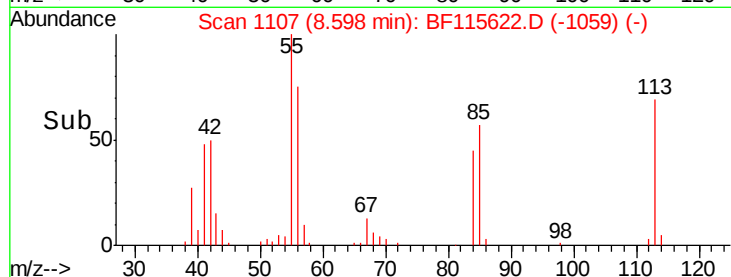
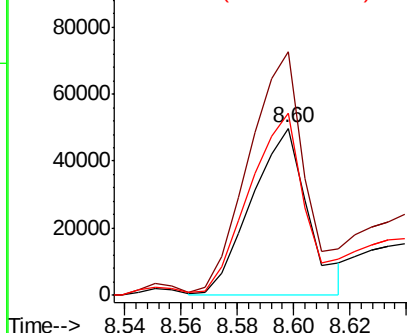
#35
 Caprolactam
 Concen: 23.073 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121441BS

Tgt Ion:113 Resp: 69403
 Ion Ratio Lower Upper
 113 100
 55 145.6 126.9 166.9
 56 108.8 90.3 130.3

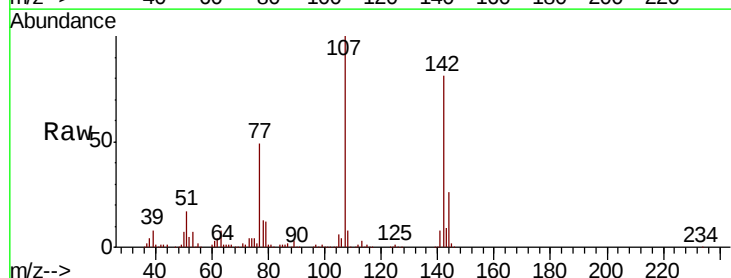


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

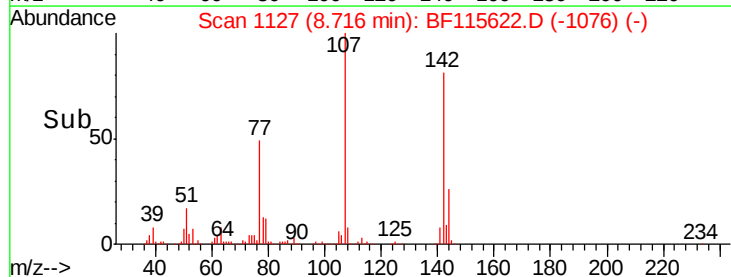
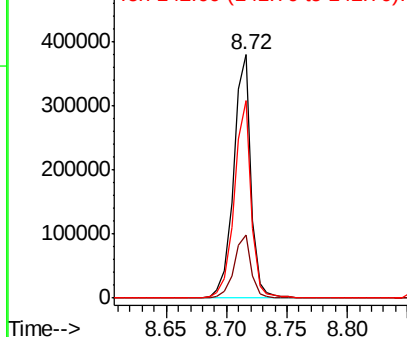


#36
 4-Chloro-3-methylphenol
 Concen: 37.866 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Tgt Ion:107 Resp: 382349
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.6 30.8
 142 81.2 63.1 94.7



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

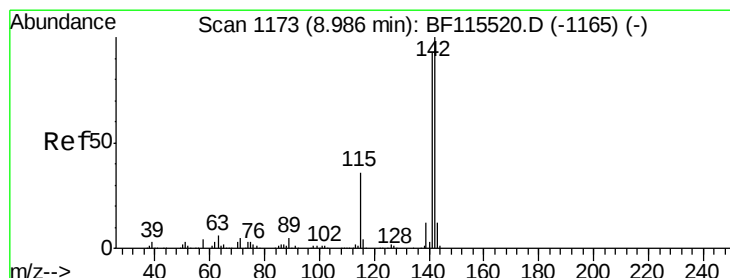
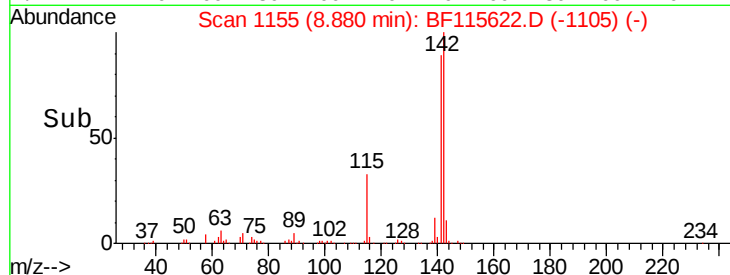
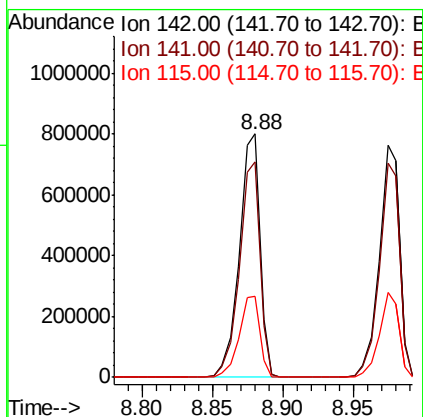
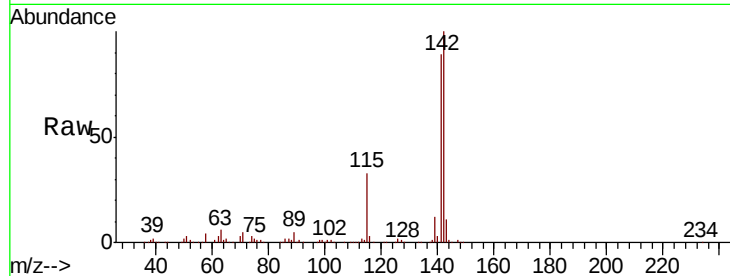




#37
 2-Methylnaphthalene
 Concen: 38.734 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

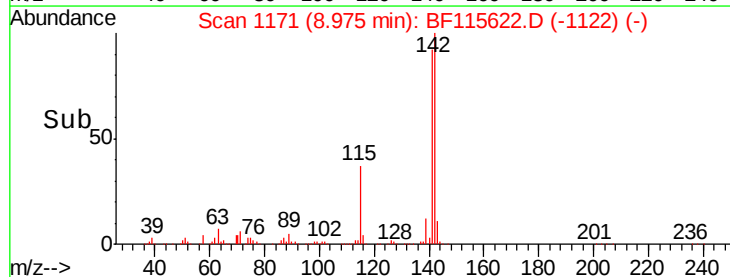
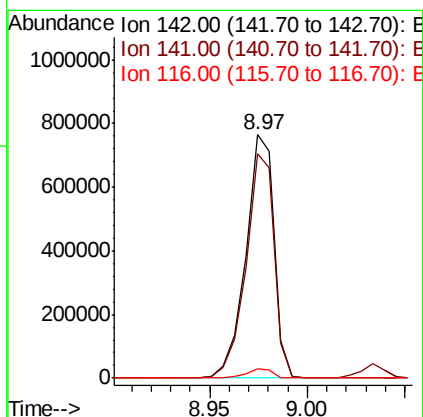
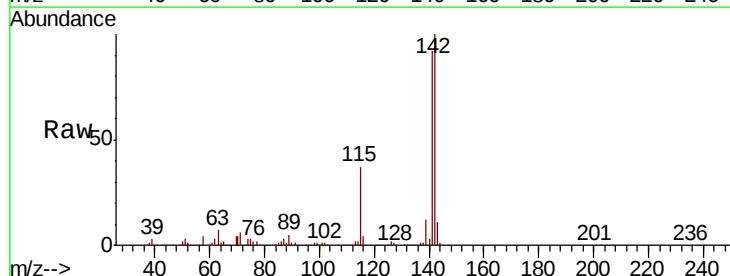
Instrument :
 BNA_F
 ClientSampleId :
 PB121441BS

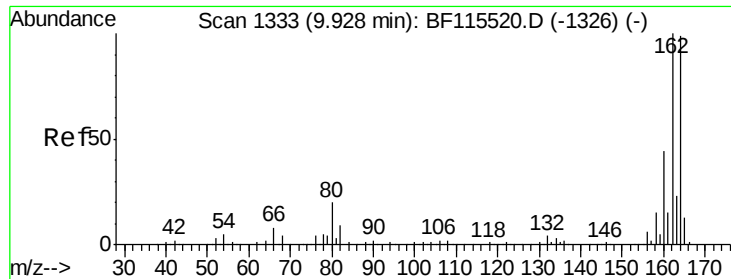
Tgt Ion:142 Resp: 814714
 Ion Ratio Lower Upper
 142 100
 141 88.6 72.0 108.0
 115 33.3 29.9 44.9



#38
 1-Methylnaphthalene
 Concen: 38.138 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Tgt Ion:142 Resp: 761951
 Ion Ratio Lower Upper
 142 100
 141 92.0 75.3 112.9
 116 3.8 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampleId :

PB121441BS

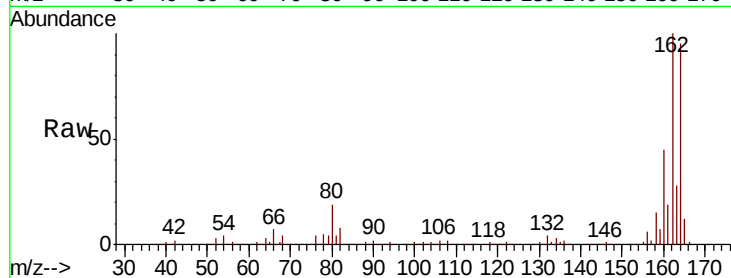
Tgt Ion:164 Resp: 328605

Ion Ratio Lower Upper

164 100

162 105.3 82.9 124.3

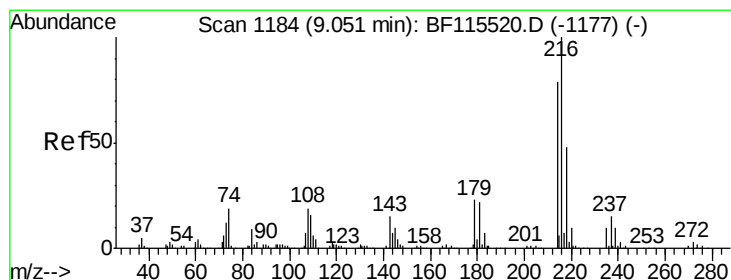
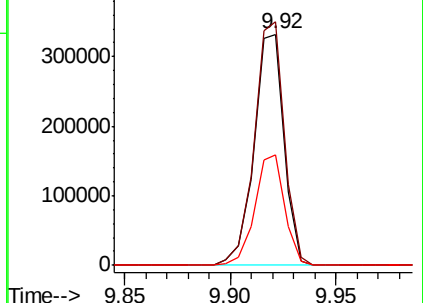
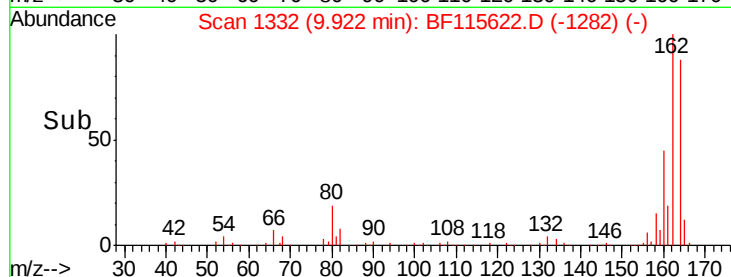
160 47.6 36.8 55.2



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: 37.962 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Tgt Ion:216 Resp: 375656

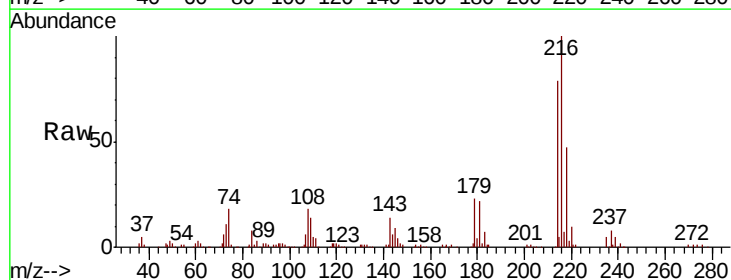
Ion Ratio Lower Upper

216 100

214 78.7 65.1 97.7

179 21.9 18.3 27.5

108 19.7 15.7 23.5

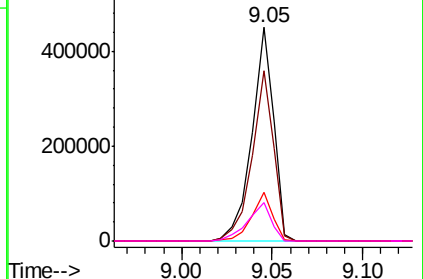
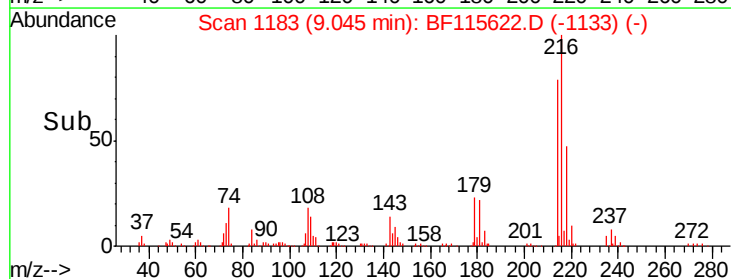


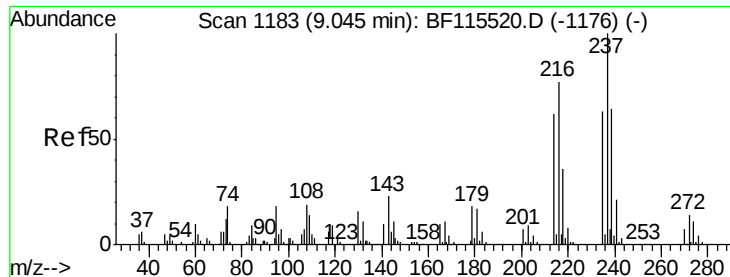
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 55.109 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampleId :

PB121441BS

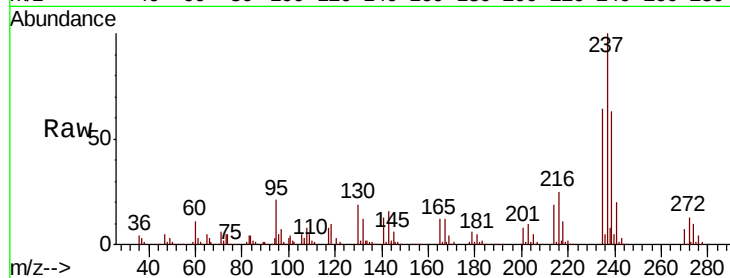
Tgt Ion:237 Resp: 311078

Ion Ratio Lower Upper

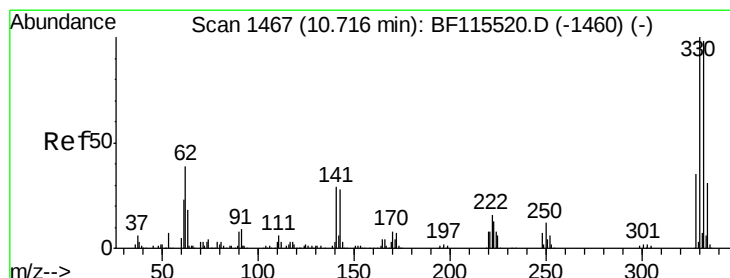
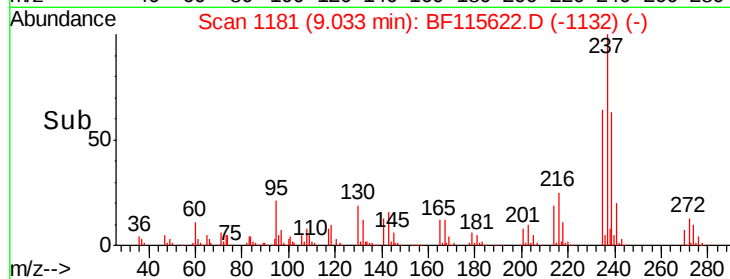
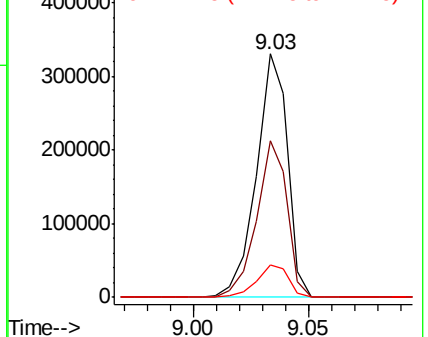
237 100

235 64.1 43.6 83.6

272 13.3 0.0 33.9



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



#42

2,4,6-Tribromophenol

Concen: 106.305 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

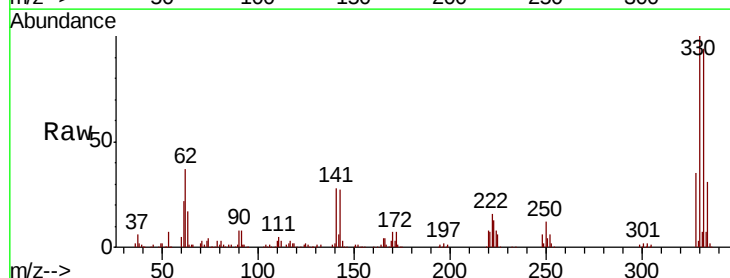
Tgt Ion:330 Resp: 407745

Ion Ratio Lower Upper

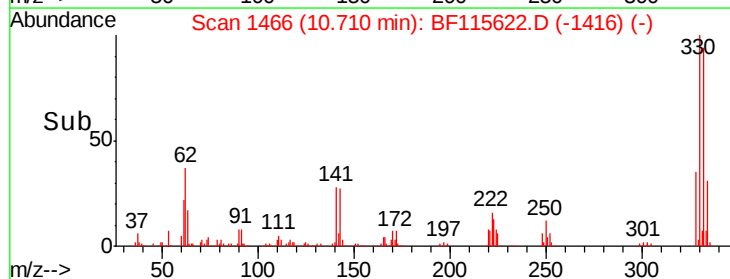
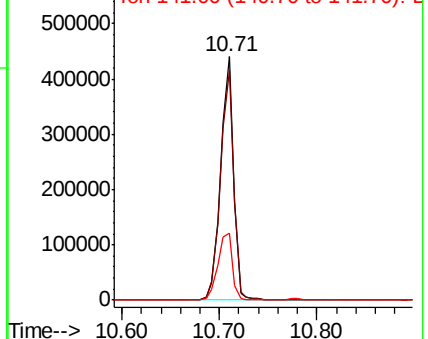
330 100

332 96.5 77.4 116.2

141 30.7 22.4 33.6



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

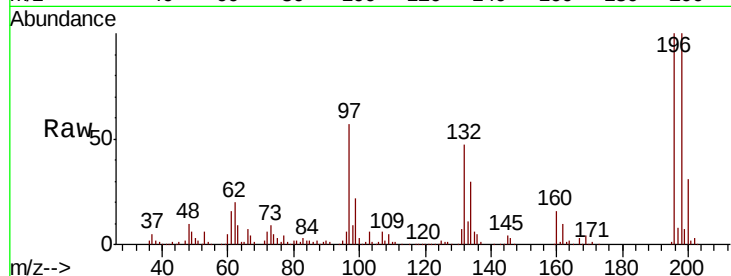




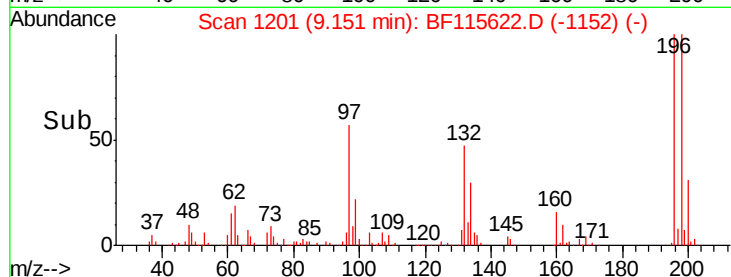
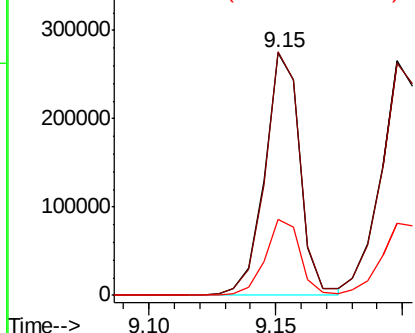
#43
 2,4,6-Trichlorophenol
 Concen: 37.087 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121441BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.3	80.6	121.0
200	31.2	25.8	38.6



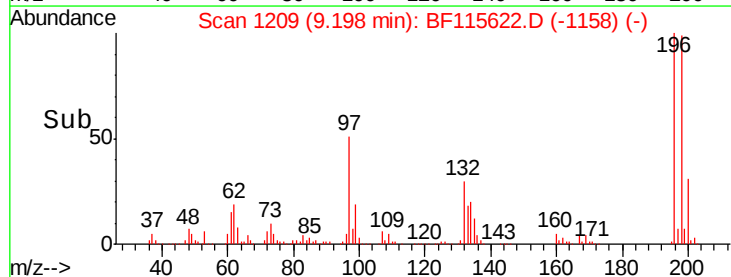
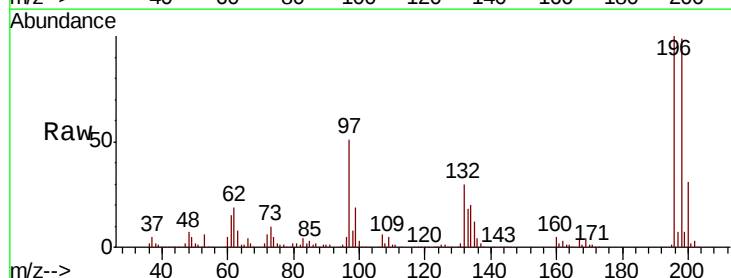
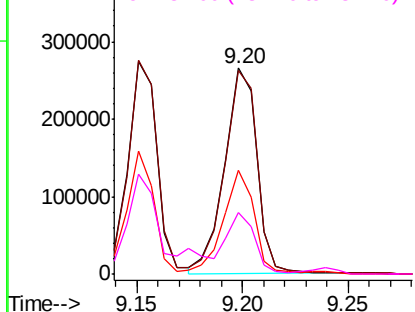
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

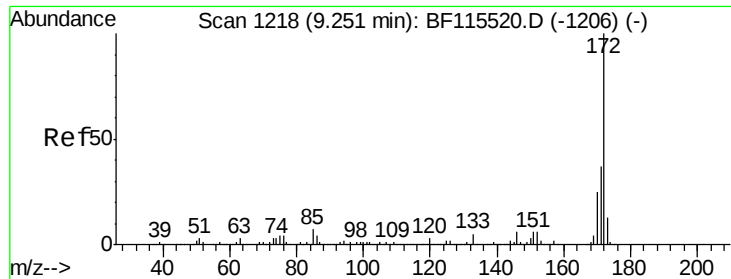


#44
 2,4,5-Trichlorophenol
 Concen: 37.813 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.8	79.6	119.4
97	50.6	37.8	56.6
132	29.6	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

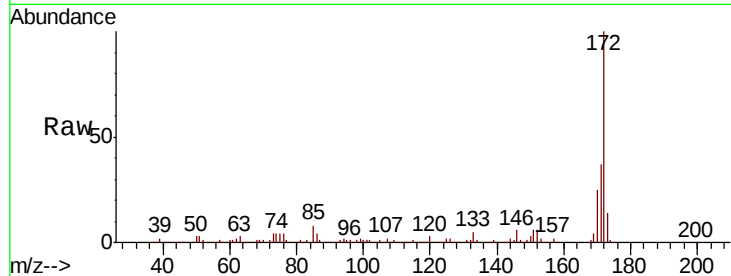




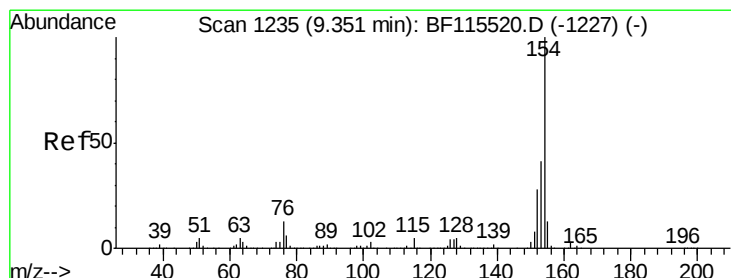
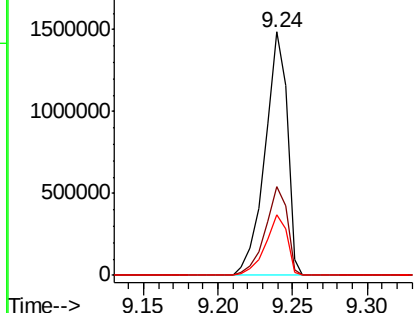
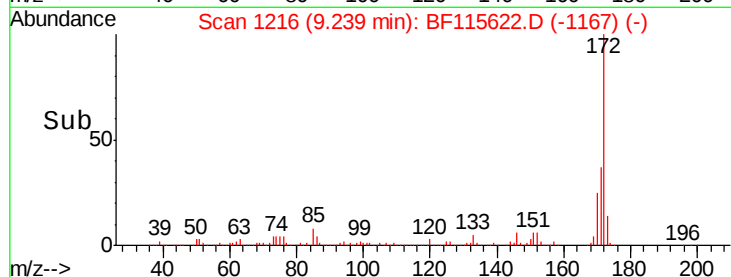
#45
2-Fluorobiphenyl
Concen: 81.057 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tgt Ion:172 Resp: 1521792
Ion Ratio Lower Upper
172 100
171 36.7 30.6 46.0
170 25.1 20.5 30.7

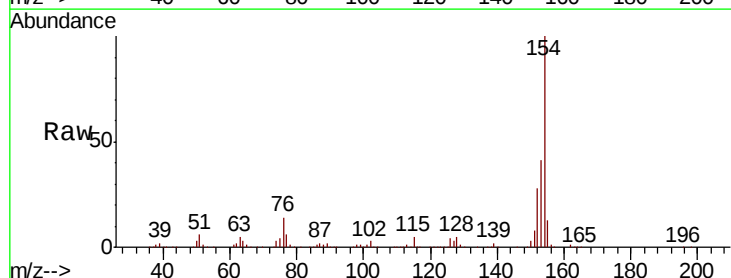


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

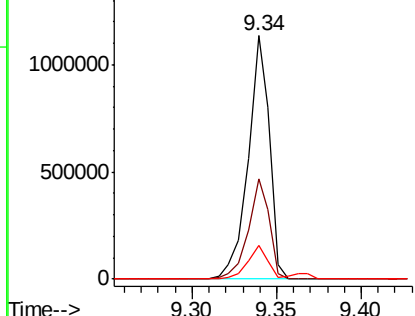
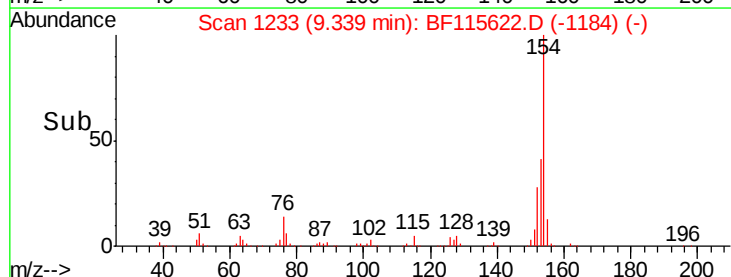


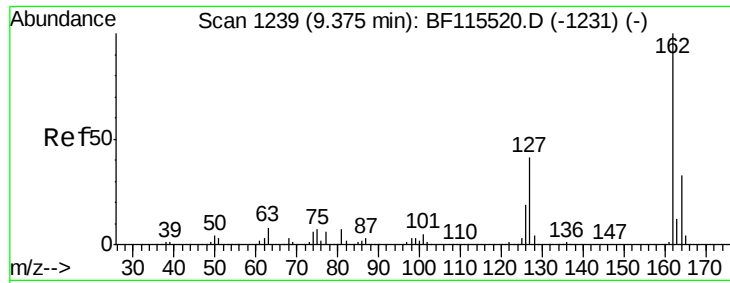
#46
1,1'-Biphenyl
Concen: 39.096 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion:154 Resp: 1004388
Ion Ratio Lower Upper
154 100
153 41.0 22.6 62.6
76 13.6 0.0 33.4



Abundance Ion 154.00 (153.70 to 154.70): E
1500000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

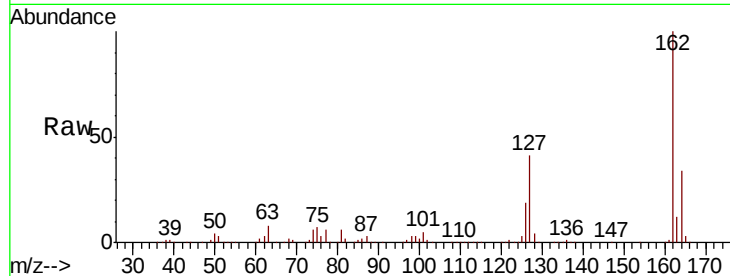




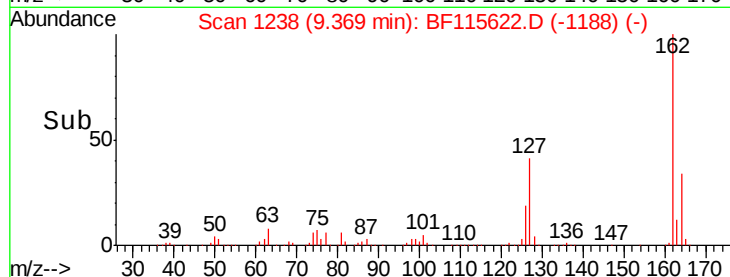
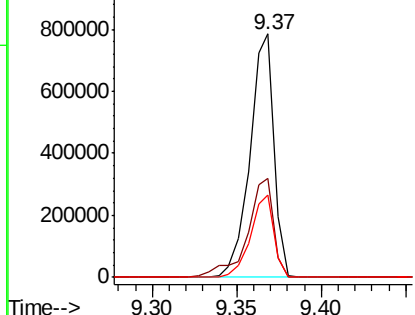
#47
 2-Chloronaphthalene
 Concen: 36.667 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Instrument :
 BNA_F
 ClientSampleID :
 PB121441BS

Tgt Ion: 162 Resp: 784349
 Ion Ratio Lower Upper
 162 100
 127 40.5 34.1 51.1
 164 33.7 27.4 41.2

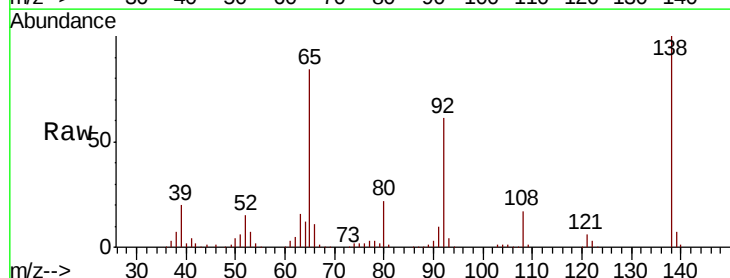


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

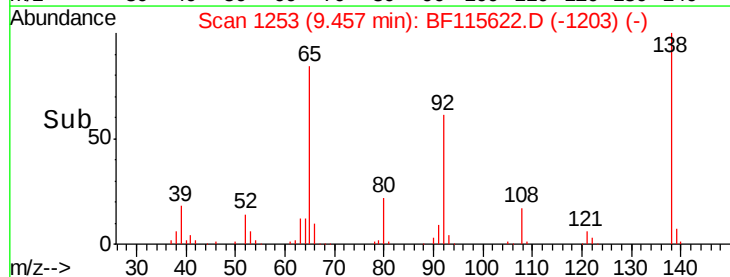
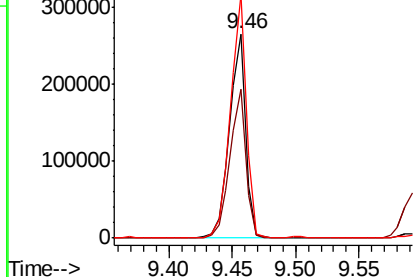


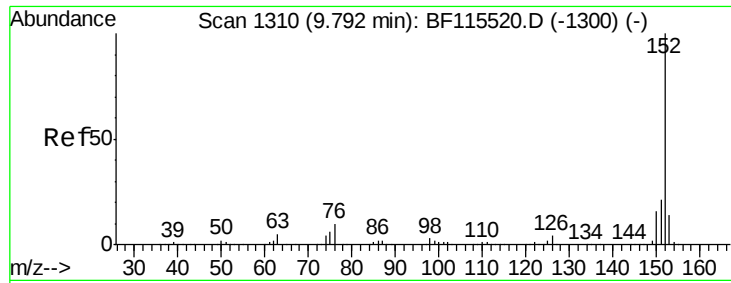
#48
 2-Nitroaniline
 Concen: 35.351 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Tgt Ion: 65 Resp: 234051
 Ion Ratio Lower Upper
 65 100
 92 73.0 57.8 86.6
 138 119.1 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: 37.230 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampleId :

PB121441BS

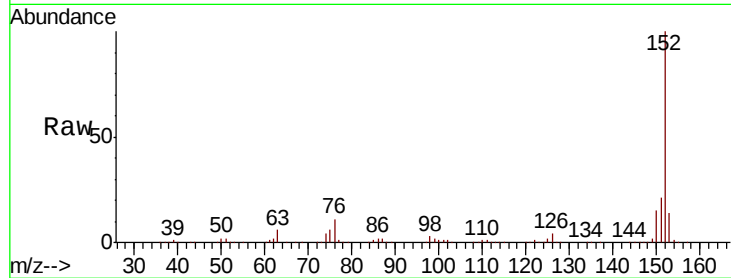
Tgt Ion:152 Resp: 1180042

Ion Ratio Lower Upper

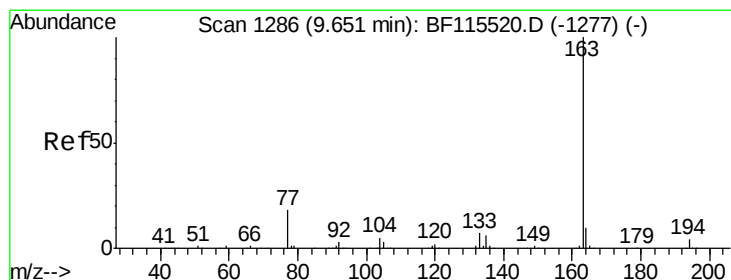
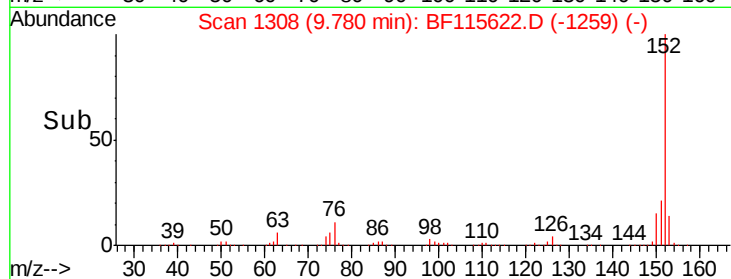
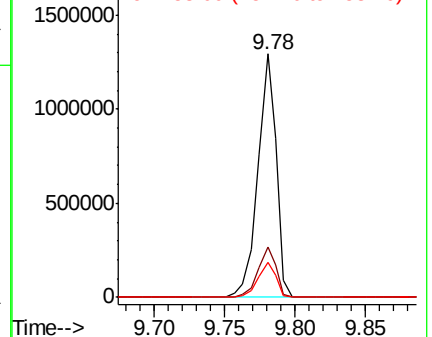
152 100

151 20.7 17.7 26.5

153 14.4 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.596 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

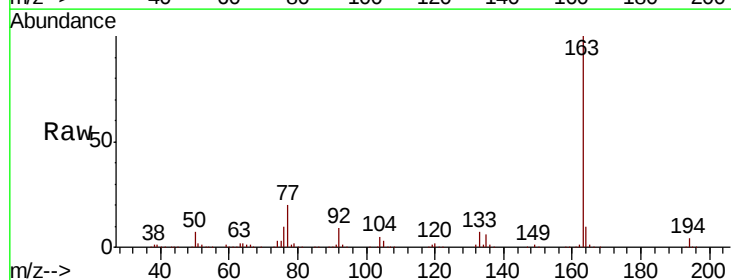
Tgt Ion:163 Resp: 929499

Ion Ratio Lower Upper

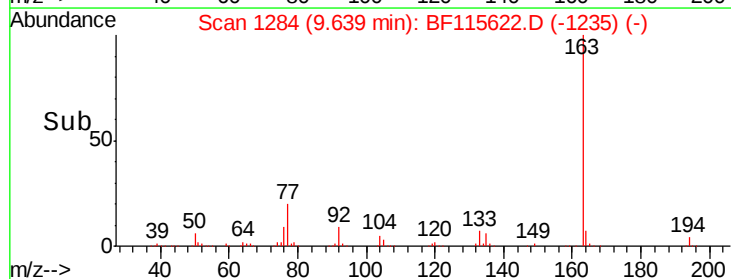
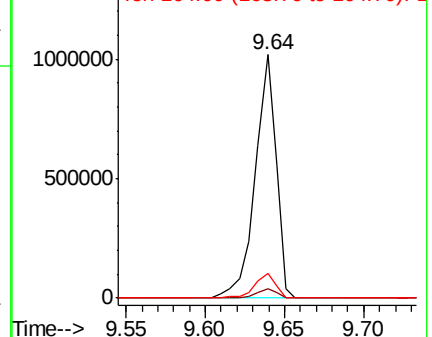
163 100

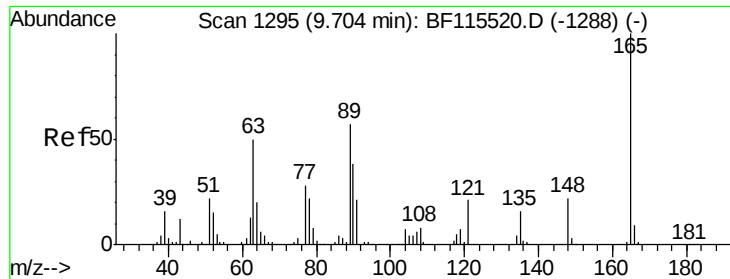
194 4.0 3.3 4.9

164 10.4 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: 38.386 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampleId :

PB121441BS

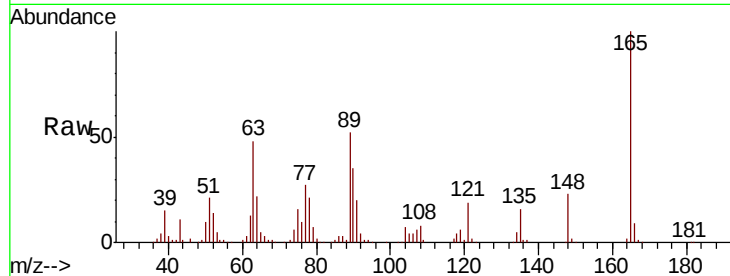
Tgt Ion:165 Resp: 215672

Ion Ratio Lower Upper

165 100

63 48.1 40.6 61.0

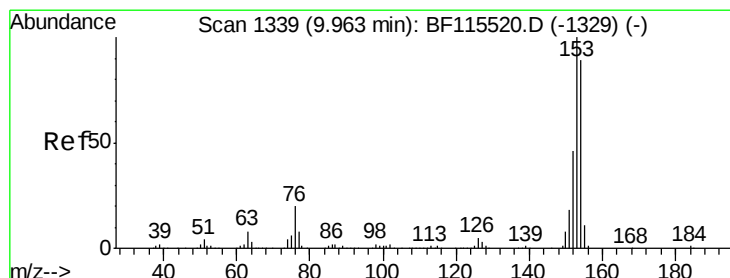
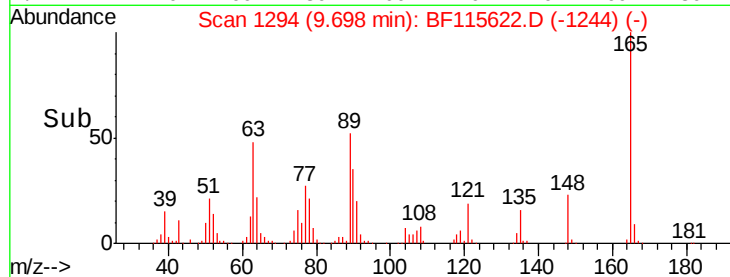
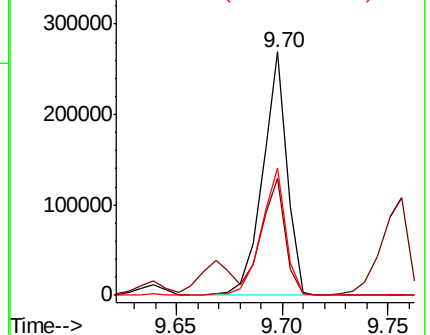
89 52.4 43.9 65.9



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: 41.132 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

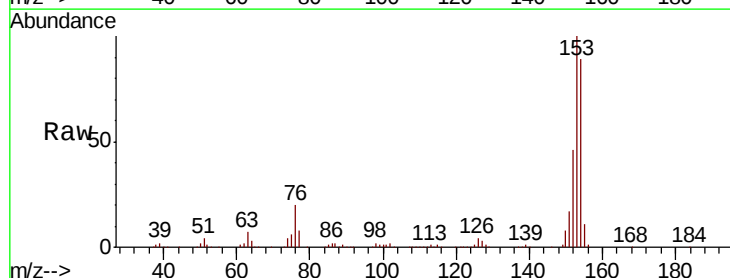
Tgt Ion:154 Resp: 841710

Ion Ratio Lower Upper

154 100

153 112.9 88.6 133.0

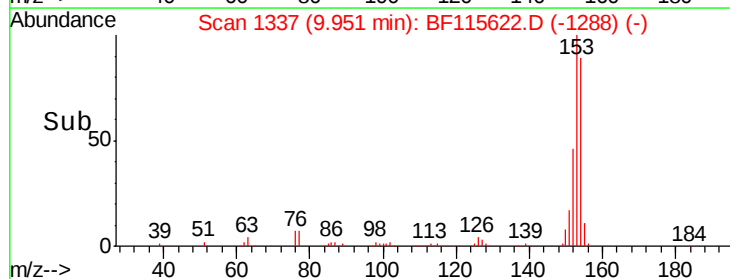
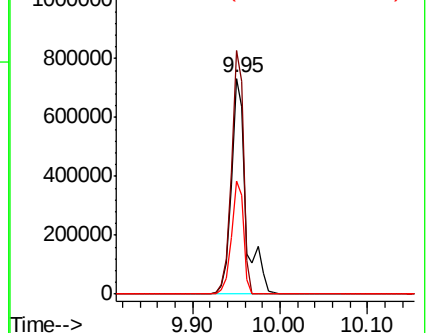
152 52.4 42.3 63.5

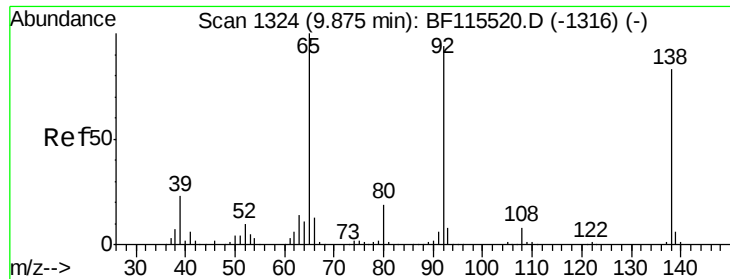


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

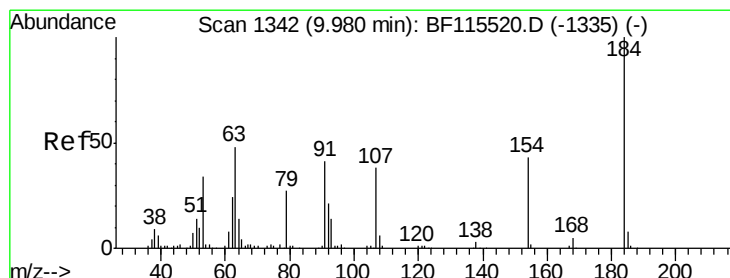
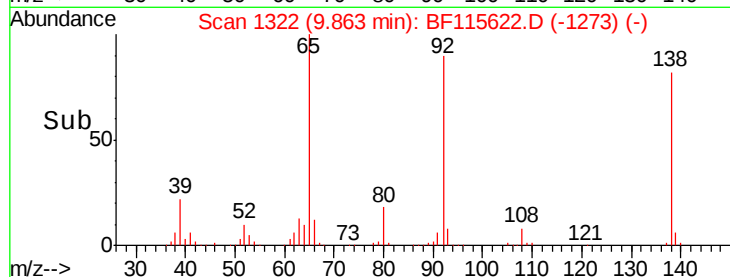
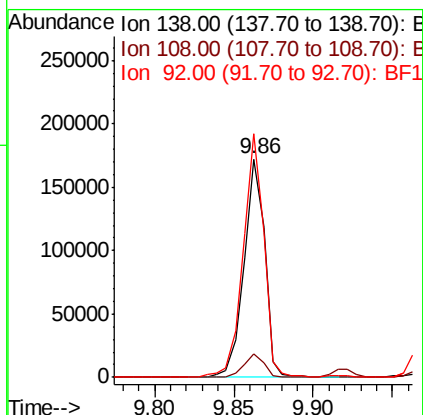
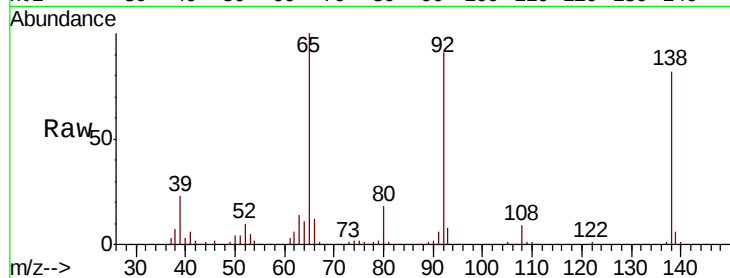




#53
 3-Nitroaniline
 Concen: 24.246 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

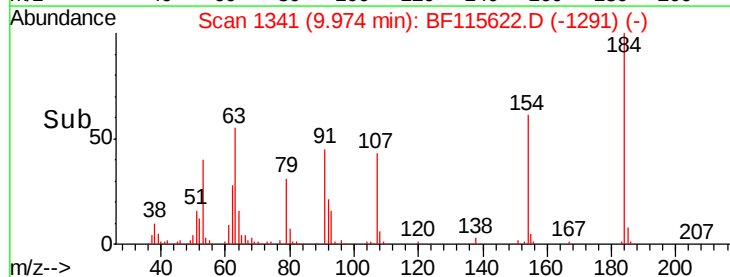
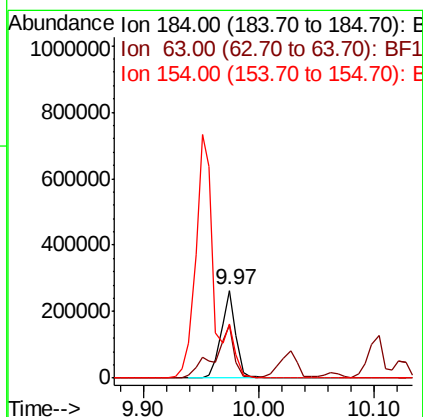
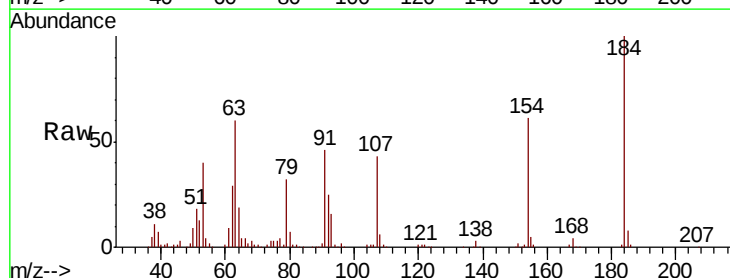
Instrument :
 BNA_F
 ClientSampleId :
 PB121441BS

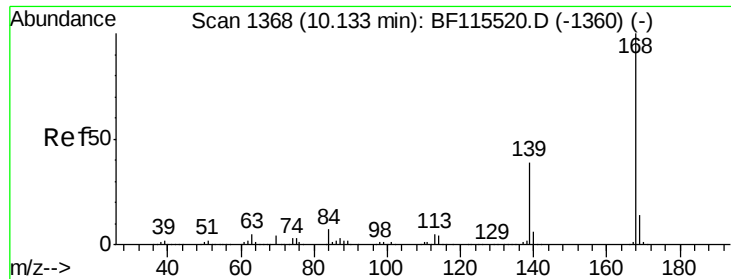
Tgt Ion:138 Resp: 155673
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.4 12.6
 92 111.5 88.0 132.0



#54
 2,4-Dinitrophenol
 Concen: 80.930 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Tgt Ion:184 Resp: 233456
 Ion Ratio Lower Upper
 184 100
 63 59.9 48.7 73.1
 154 61.4 48.6 73.0

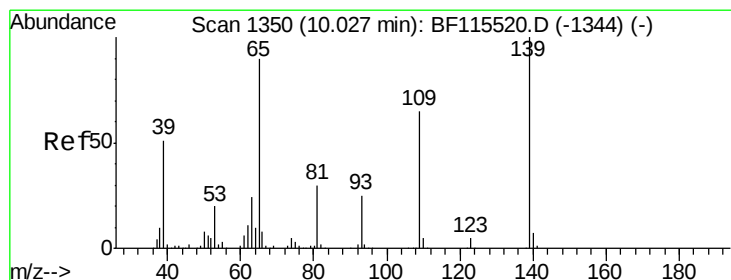
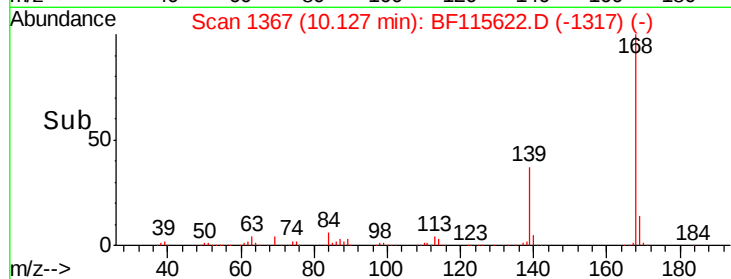
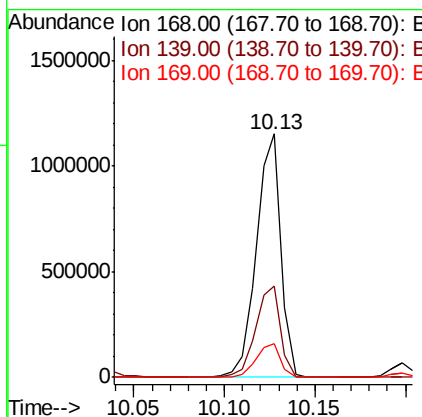
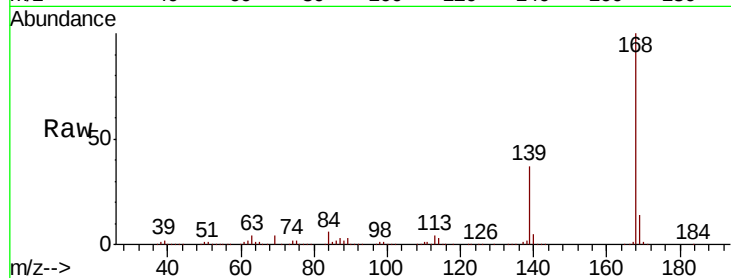




#55
Dibenzenofuran
Concen: 37.122 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

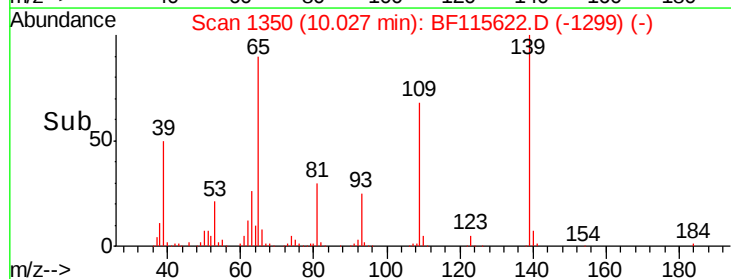
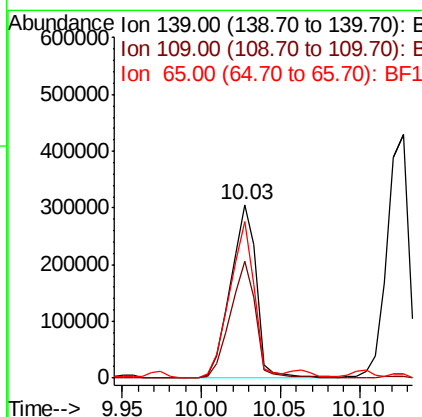
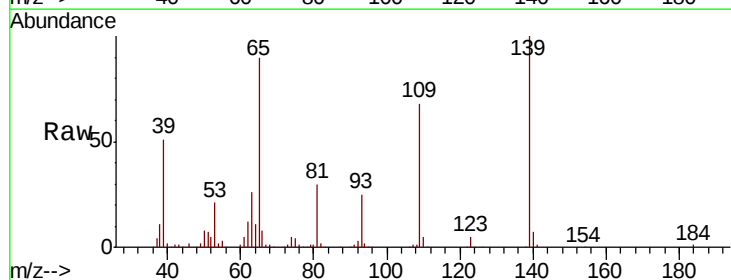
Instrument :
BNA_F
ClientSampleId :
PB121441BS

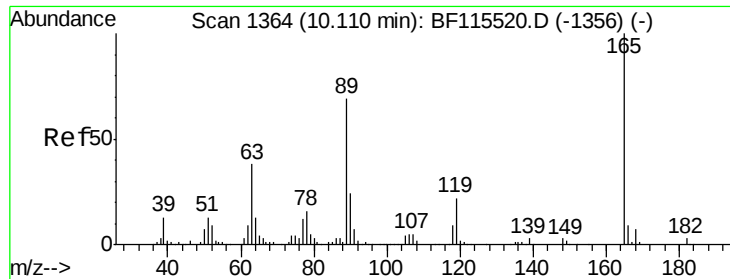
Tgt Ion:168 Resp: 1078776
Ion Ratio Lower Upper
168 100
139 37.3 31.1 46.7
169 13.6 11.1 16.7



#56
4-Nitrophenol
Concen: 70.710 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion:139 Resp: 346198
Ion Ratio Lower Upper
139 100
109 67.6 46.4 86.4
65 90.2 68.9 108.9

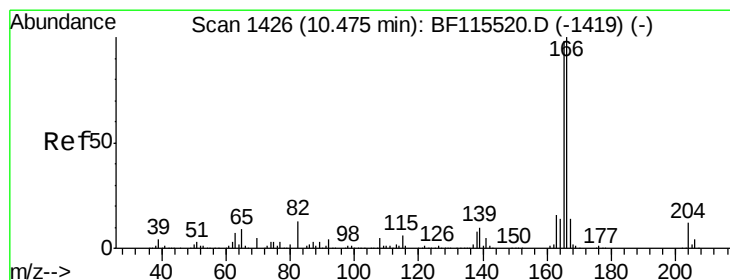
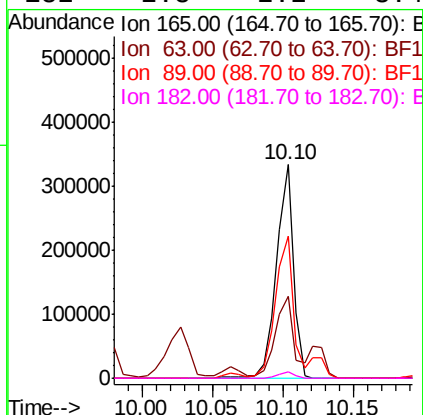
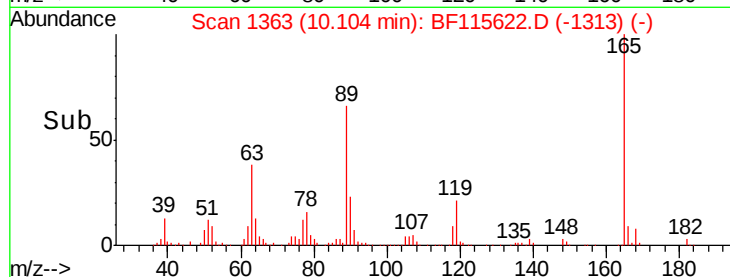
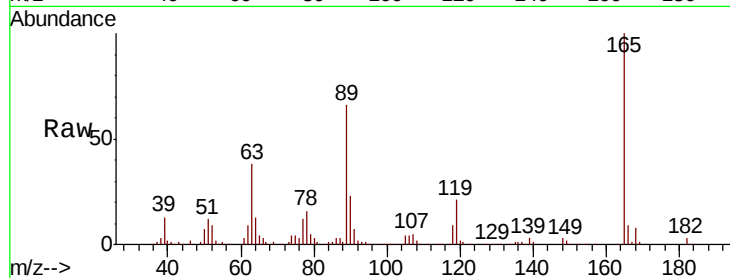




#57
2,4-Dinitrotoluene
Concen: 38.778 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

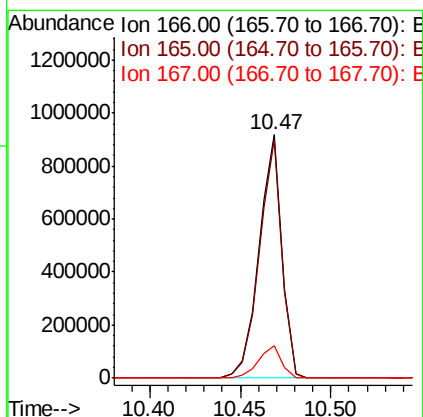
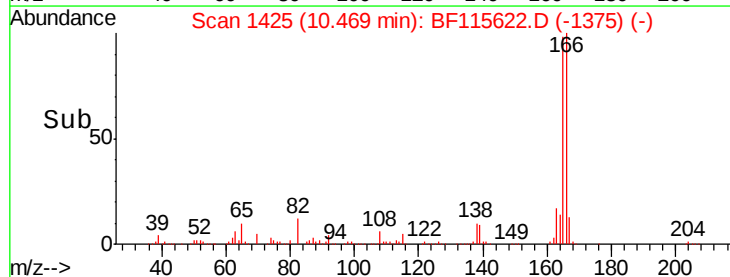
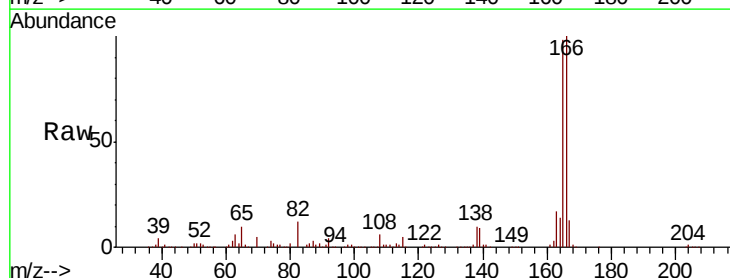
Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.4	34.9	52.3
89	66.3	57.5	86.3
182	2.8	2.2	3.4



#58
Fluorene
Concen: 38.646 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.8	119.6
167	13.4	11.2	16.8

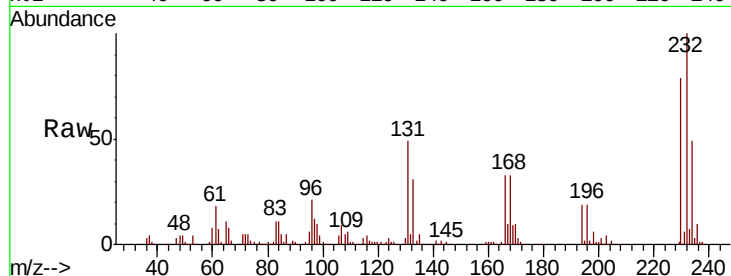




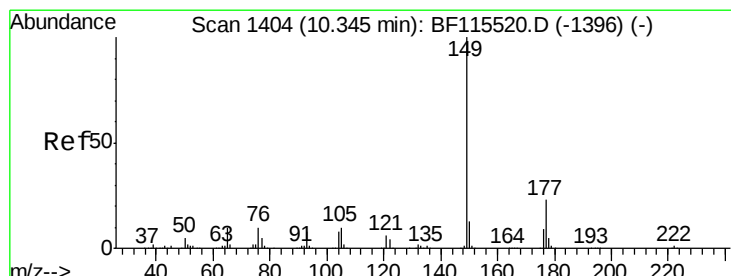
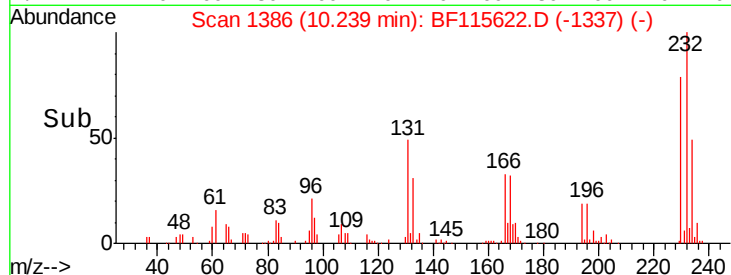
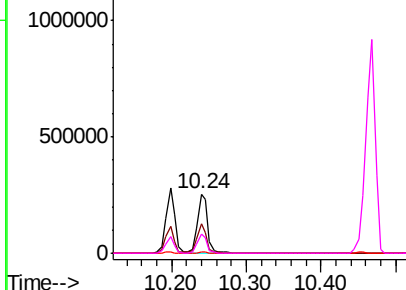
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.165 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.1	35.9	53.9
130	2.1	1.8	2.6
166	29.6	24.8	37.2

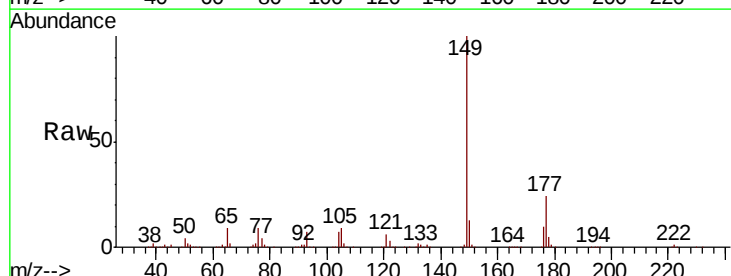


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

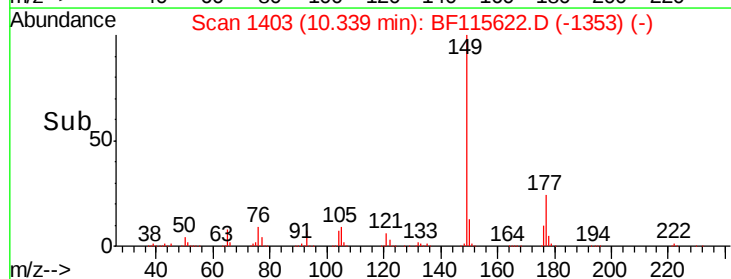
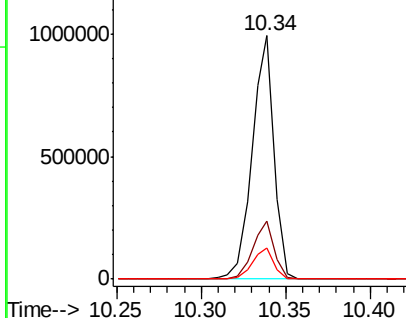


#60
Diethylphthalate
Concen: 38.558 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.5	29.3
150	12.7	10.4	15.6



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

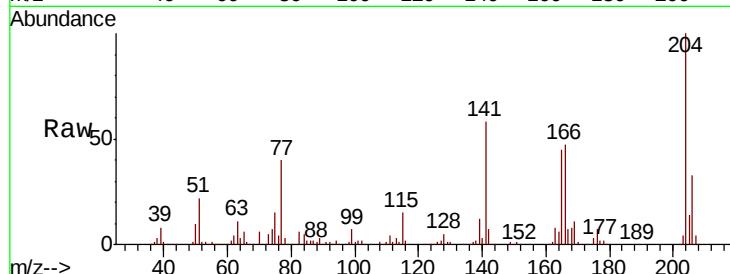




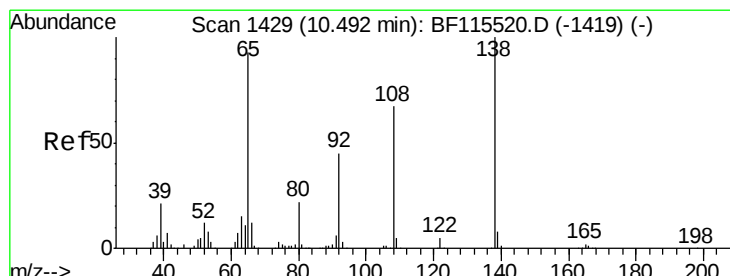
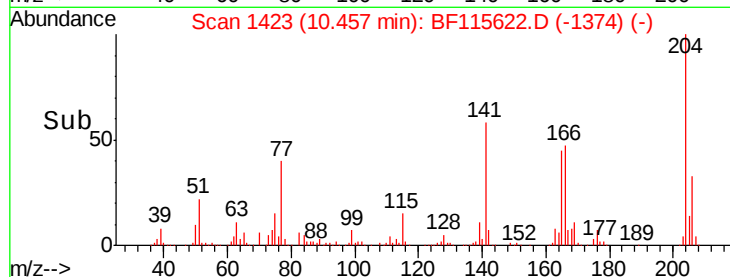
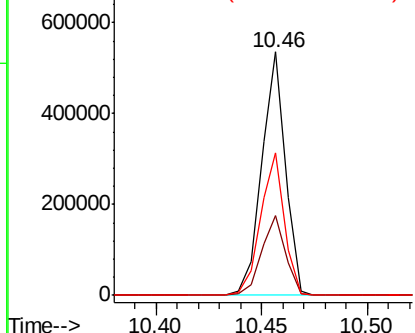
#61
 4-Chlorophenyl-phenylether
 Concen: 36.386 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121441BS

Tgt Ion:	204	Resp:	419198
Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.7	40.1
141	58.4	44.2	66.2

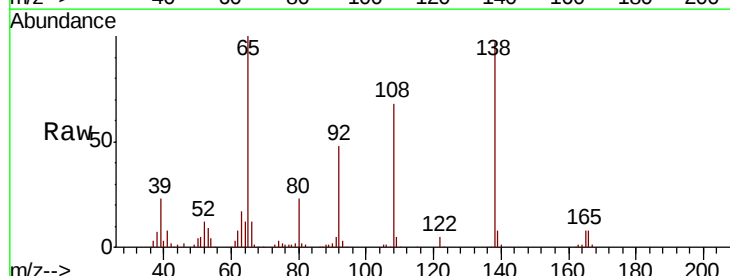


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

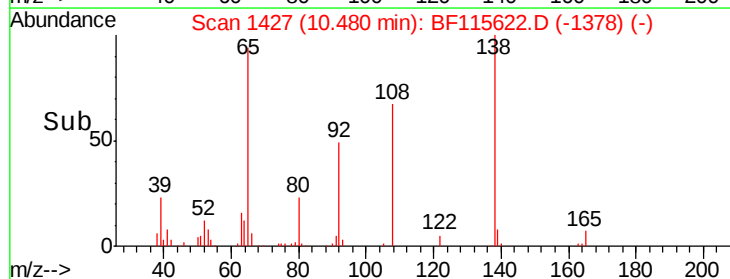
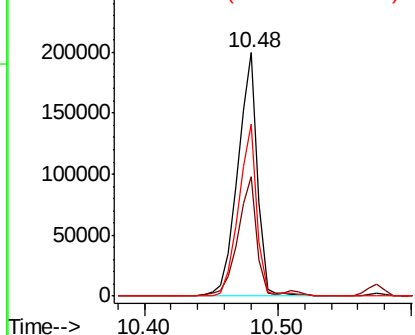


#62
 4-Nitroaniline
 Concen: 33.364 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Tgt Ion:	138	Resp:	205483
Ion	Ratio	Lower	Upper
138	100		
92	49.2	27.1	67.1
108	70.5	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: 37.984 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampleId :

PB121441BS

Tgt Ion: 77 Resp: 853457

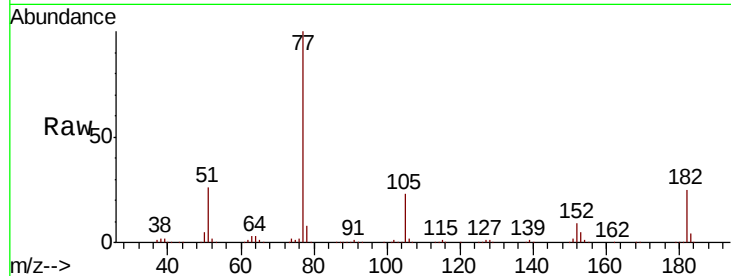
Ion Ratio Lower Upper

77 100

182 25.4 6.9 46.9

105 22.7 3.9 43.9

51 25.7 7.3 47.3

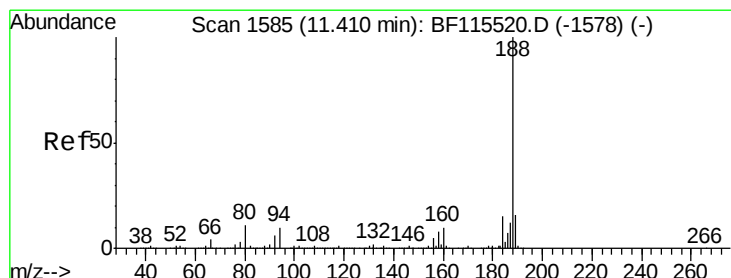
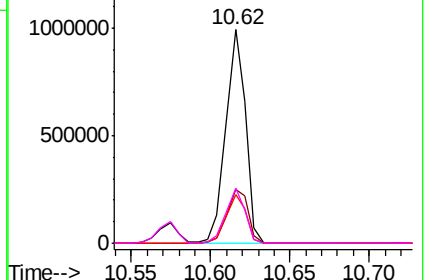
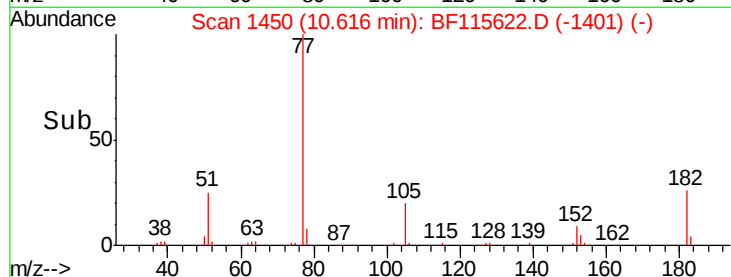


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

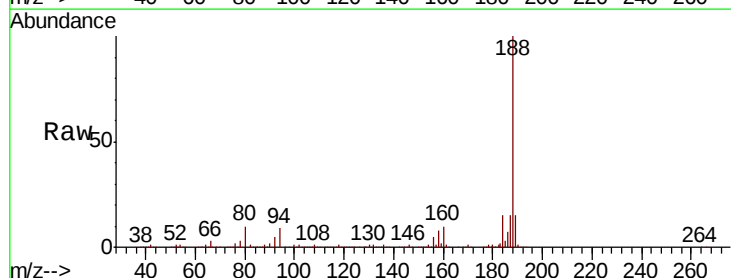
Tgt Ion: 188 Resp: 648100

Ion Ratio Lower Upper

188 100

94 9.3 7.8 11.6

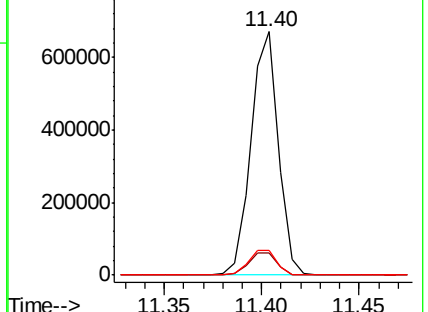
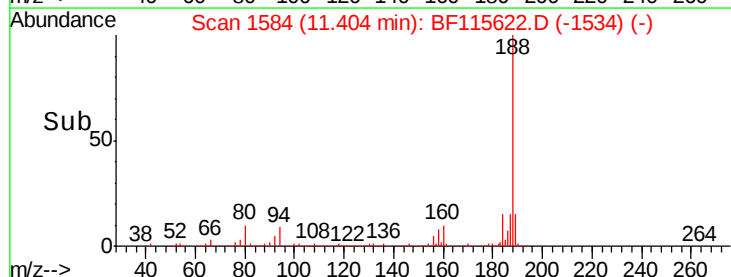
80 10.2 8.6 13.0

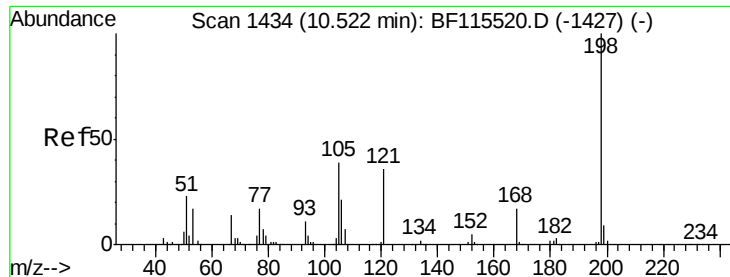


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 38.656 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampleId :

PB121441BS

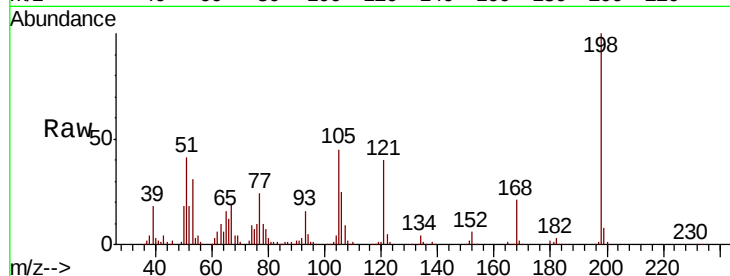
Tgt Ion:198 Resp: 153066

Ion Ratio Lower Upper

198 100

51 41.0 19.1 59.1

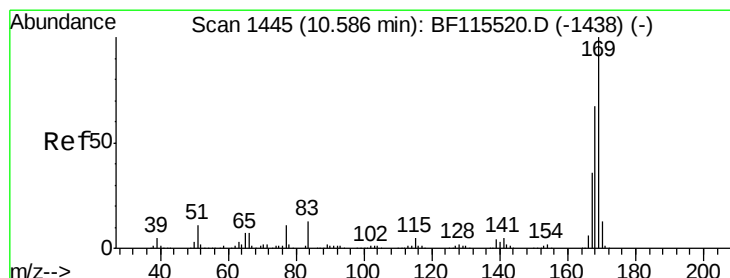
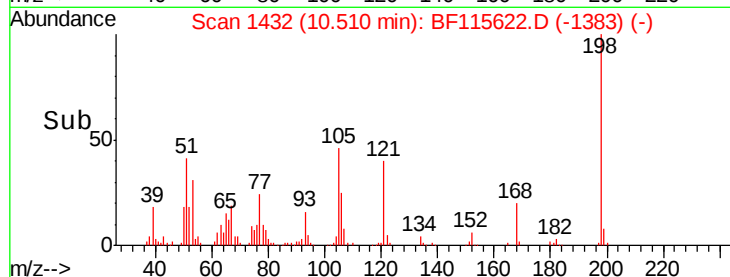
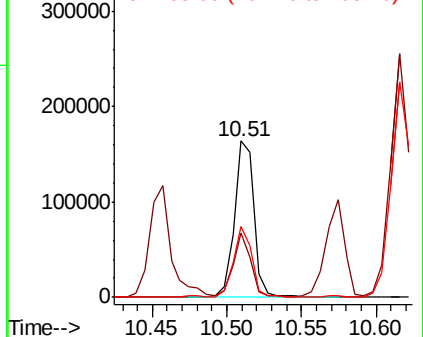
105 45.4 23.6 63.6



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: 36.576 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

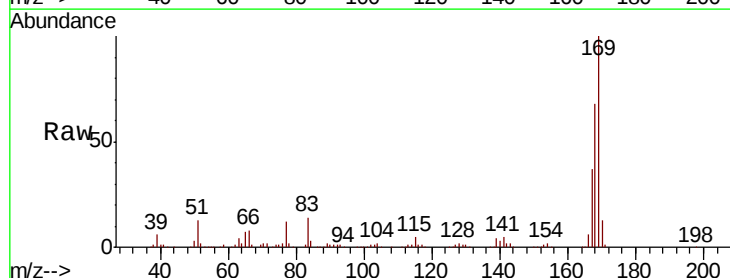
Tgt Ion:169 Resp: 737381

Ion Ratio Lower Upper

169 100

168 67.5 54.3 81.5

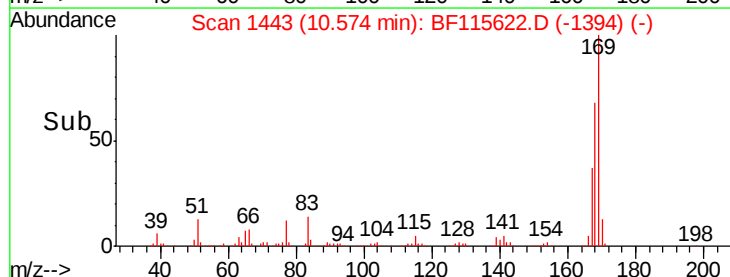
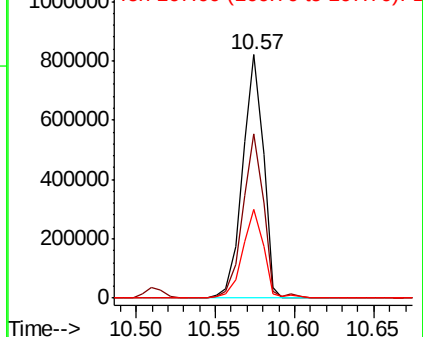
167 36.6 30.2 45.2

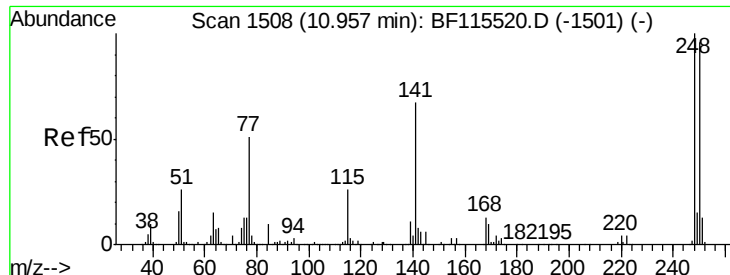


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

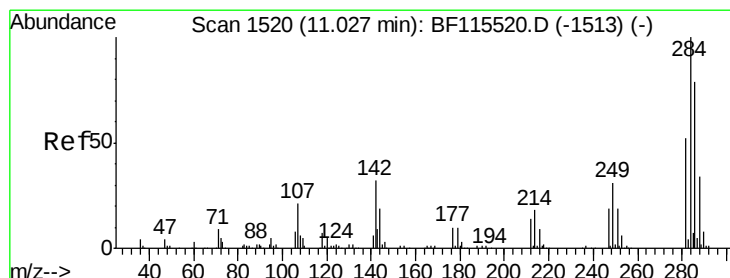
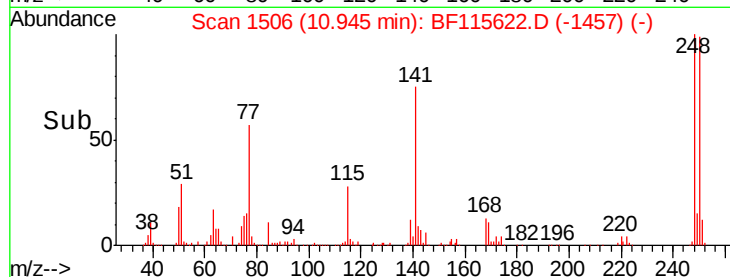
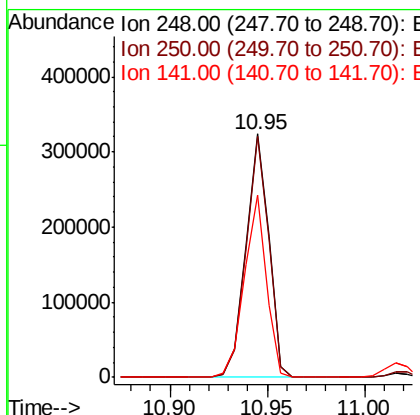
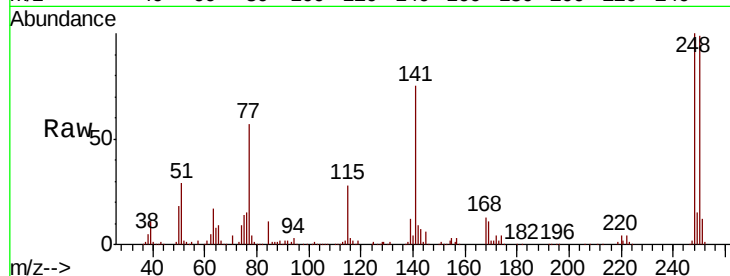




#67
 4-Bromophenyl-phenylether
 Concen: 35.617 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

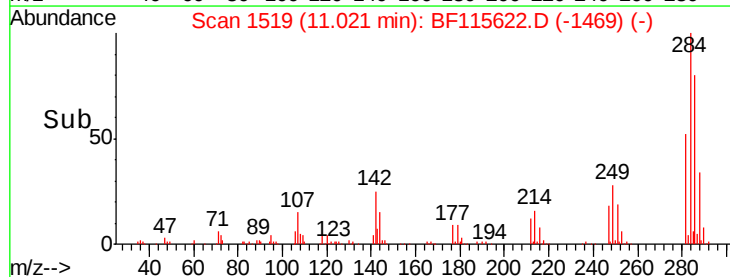
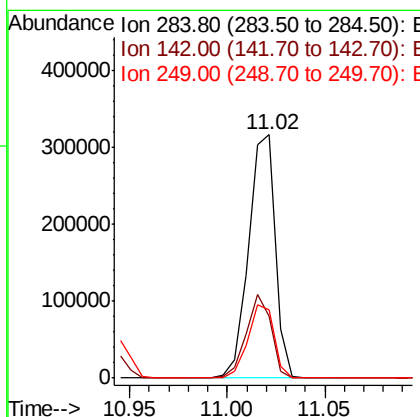
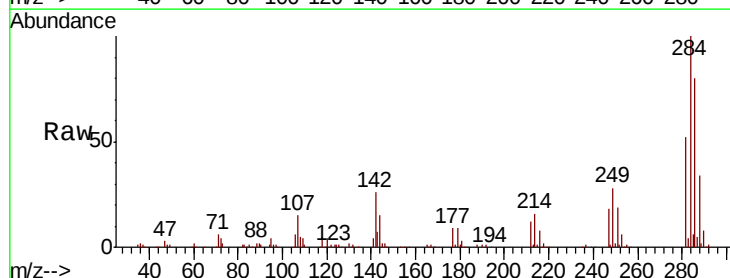
Instrument :
 BNA_F
 ClientSampleId :
 PB121441BS

Tgt Ion:248 Resp: 263791
 Ion Ratio Lower Upper
 248 100
 250 98.8 78.0 117.0
 141 74.7 57.7 86.5



#68
 Hexachlorobenzene
 Concen: 35.428 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Tgt Ion:284 Resp: 299644
 Ion Ratio Lower Upper
 284 100
 142 25.6 22.2 33.2
 249 28.2 23.4 35.2

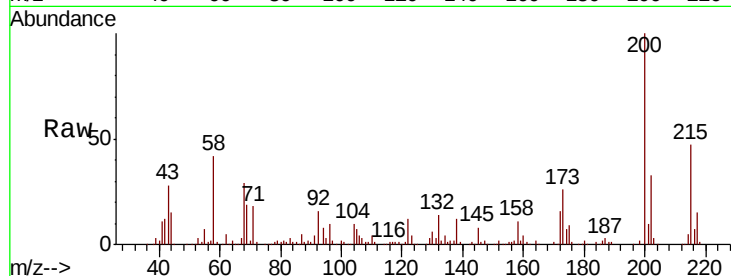




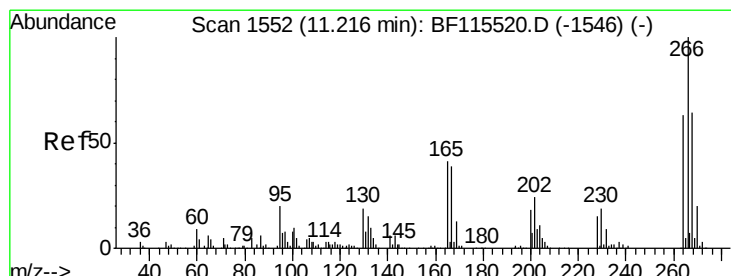
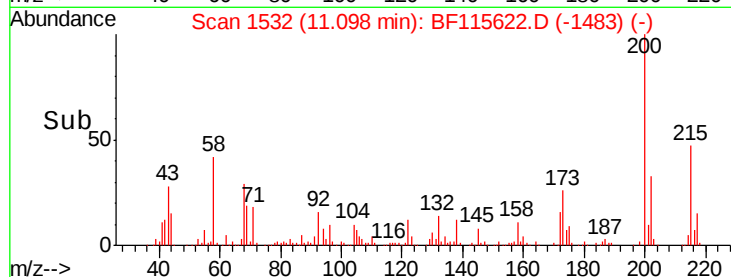
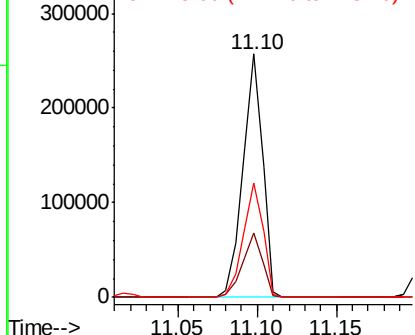
#69
Atrazine
Concen: 33.610 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tgt Ion:200 Resp: 222284
Ion Ratio Lower Upper
200 100
173 26.3 6.9 46.9
215 46.9 27.9 67.9

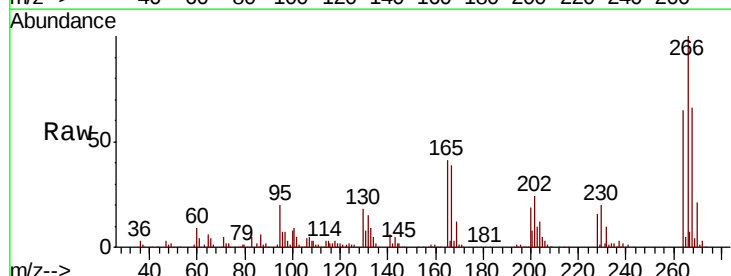


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

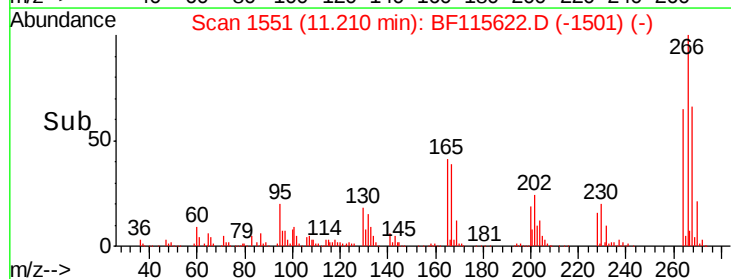
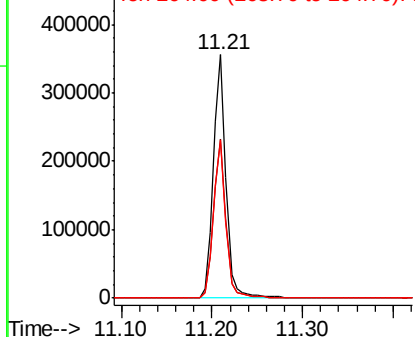


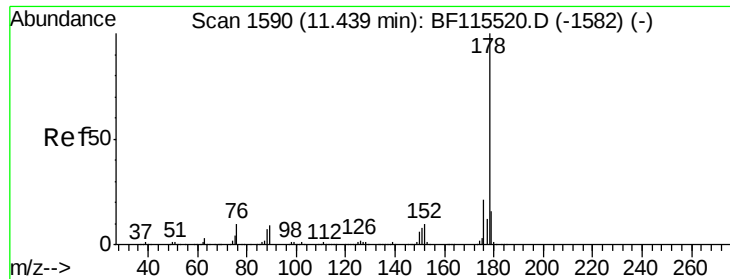
#70
Pentachlorophenol
Concen: 67.749 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion:266 Resp: 350472
Ion Ratio Lower Upper
266 100
268 65.5 51.6 77.4
264 64.8 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

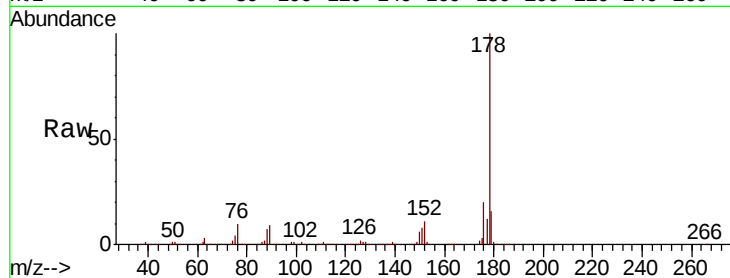




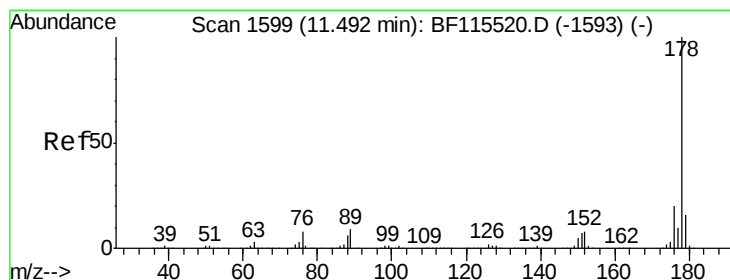
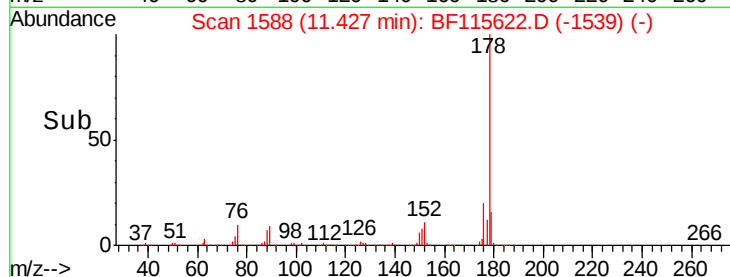
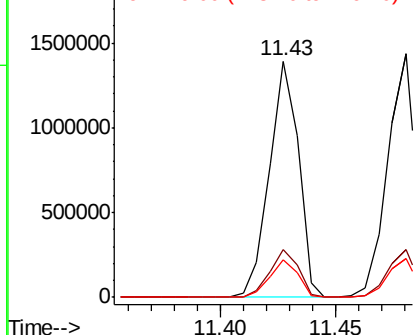
#71
Phenanthrene
Concen: 36.847 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tgt Ion:178 Resp: 1224084
Ion Ratio Lower Upper
178 100
176 20.2 17.2 25.8
179 15.6 13.5 20.3

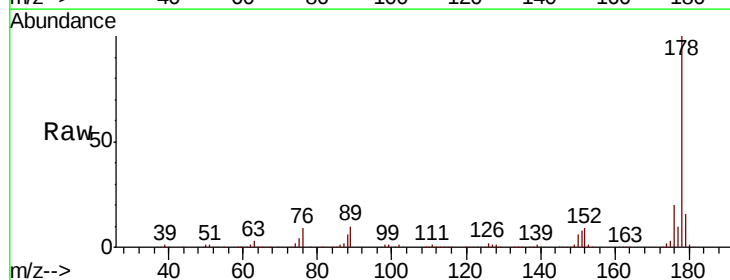


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

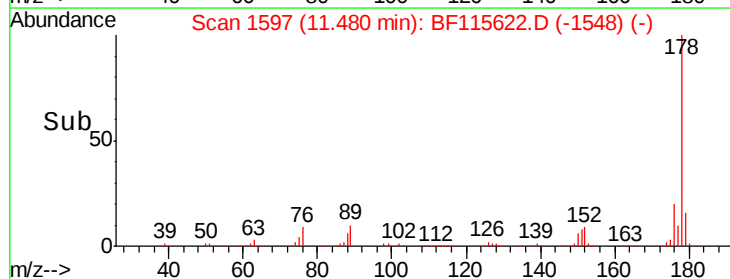
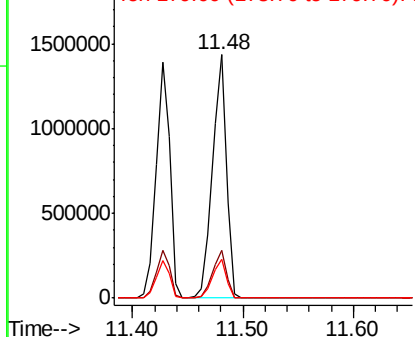


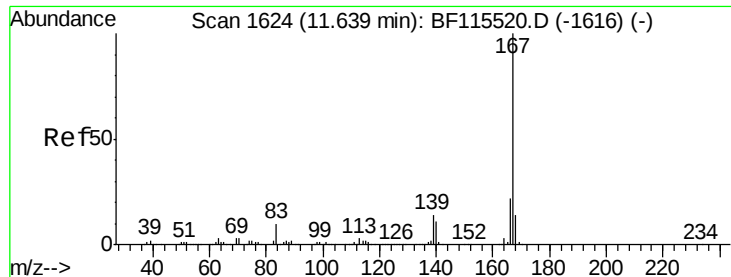
#72
Anthracene
Concen: 35.982 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion:178 Resp: 1235345
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 16.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

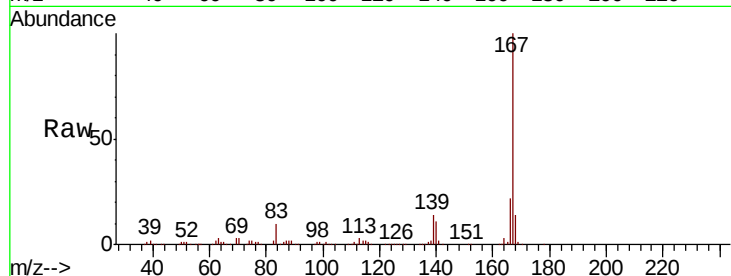




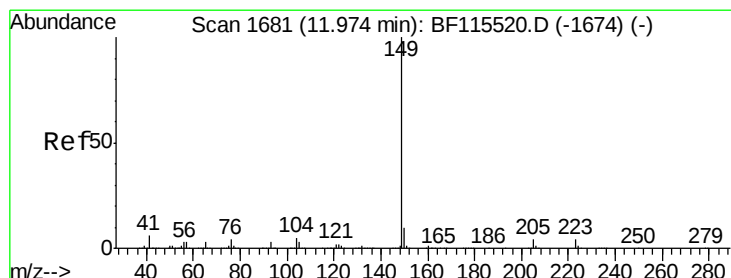
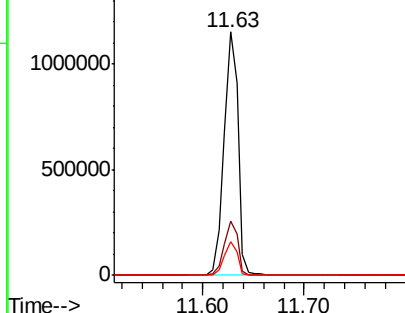
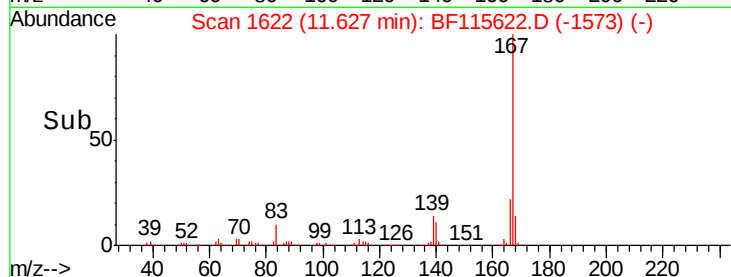
#73
 Carbazole
 Concen: 36.760 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121441BS

Tgt Ion:167 Resp: 1106733
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.9 11.3 16.9

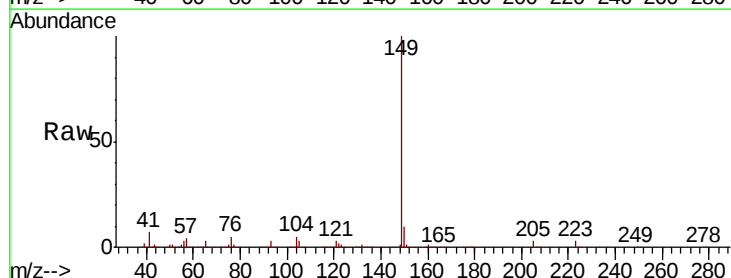


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

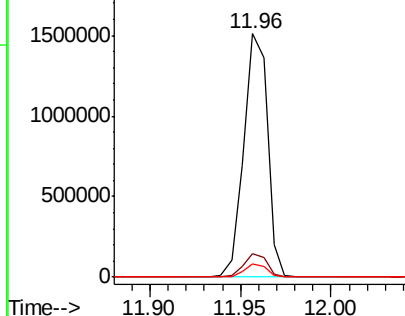
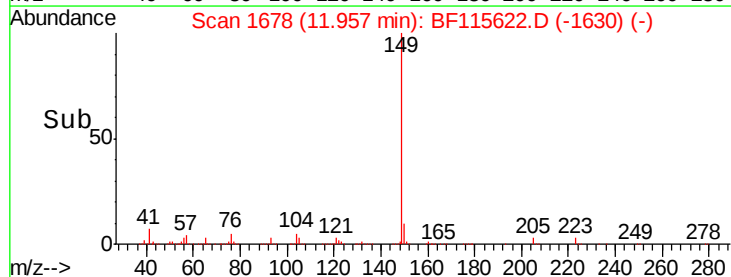


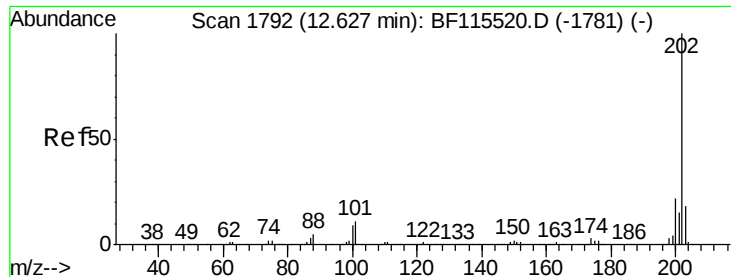
#74
 Di-n-butylphthalate
 Concen: 37.175 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Tgt Ion:149 Resp: 1378627
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 5.2 3.8 5.8



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





#75

Fluoranthene

Concen: 36.797 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampleId :

PB121441BS

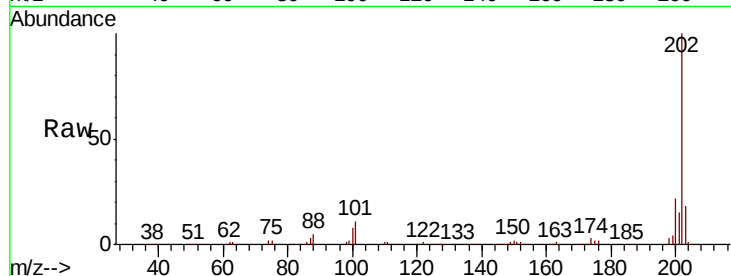
Tgt Ion:202 Resp: 1291788

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.4

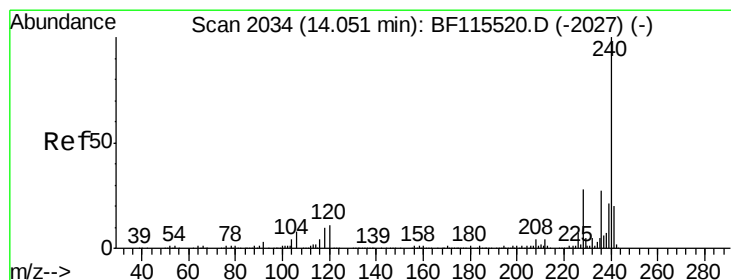
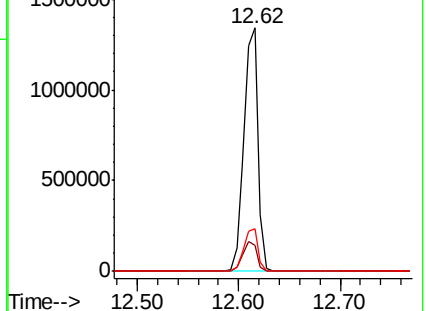
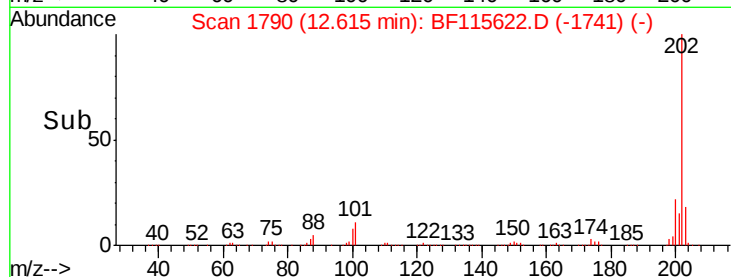
203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

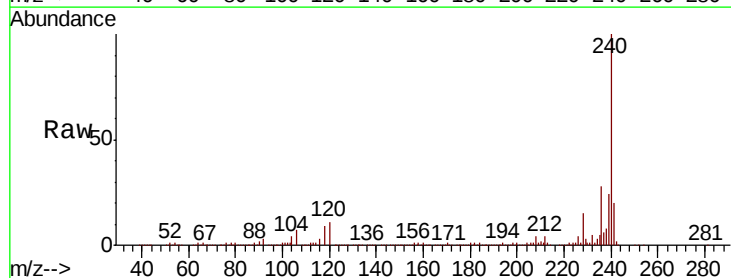
Tgt Ion:240 Resp: 424929

Ion Ratio Lower Upper

240 100

120 10.5 8.6 13.0

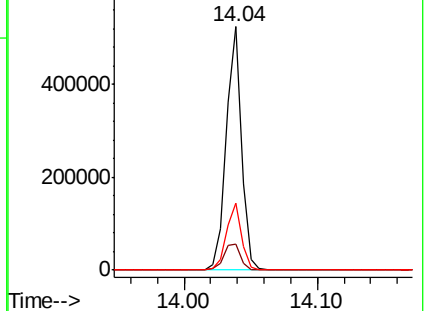
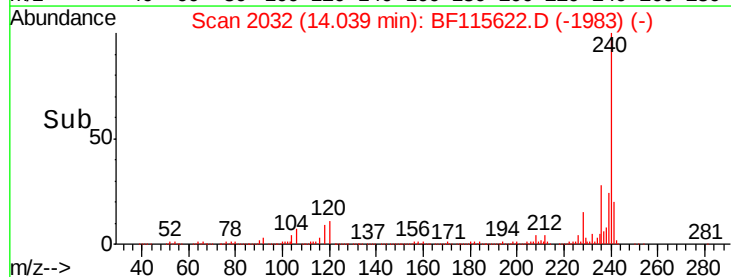
236 27.6 21.3 31.9



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: 17.378 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampleId :

PB121441BS

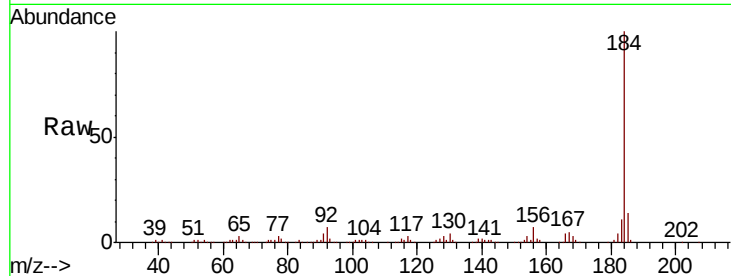
Tgt Ion:184 Resp: 261588

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

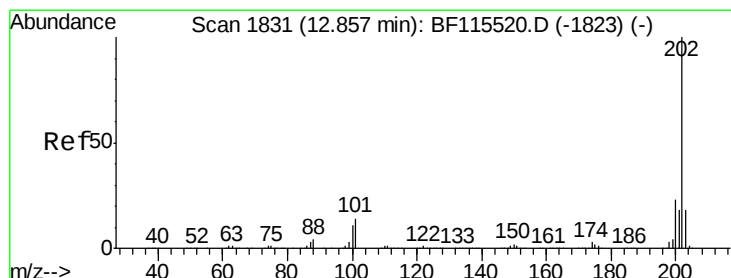
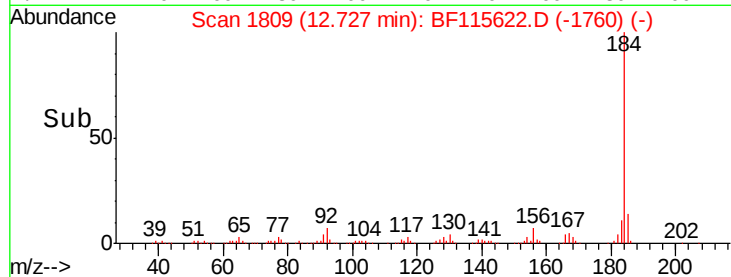
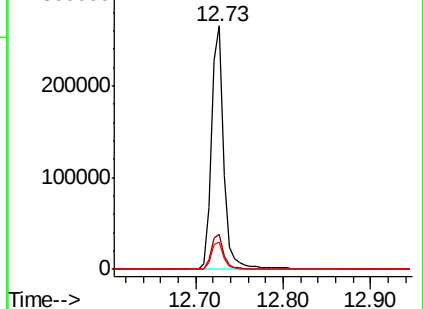
183 11.4 9.3 13.9



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: 35.711 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

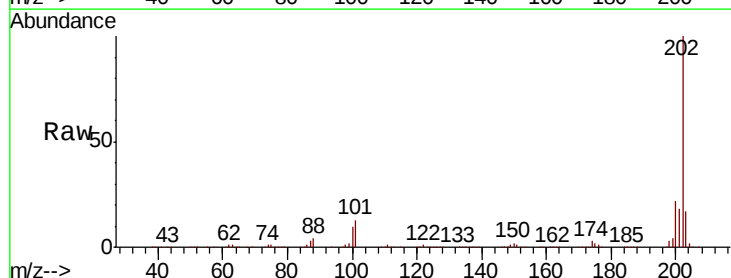
Tgt Ion:202 Resp: 1285636

Ion Ratio Lower Upper

202 100

200 22.1 18.7 28.1

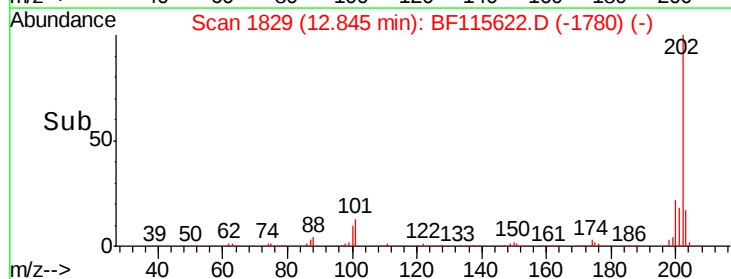
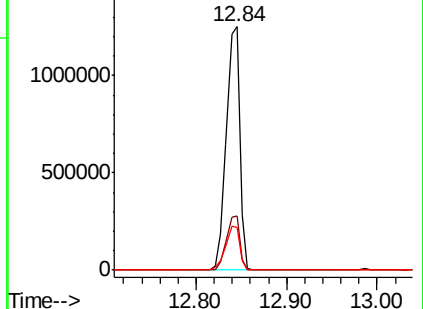
203 17.4 15.2 22.8

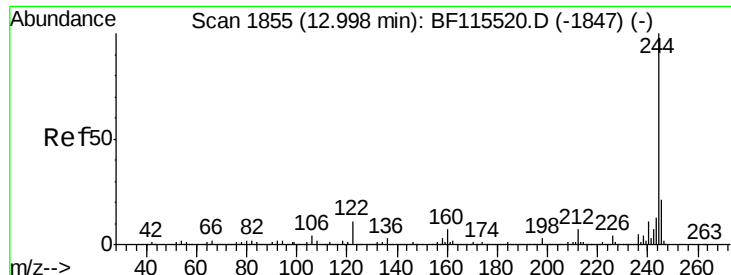


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.644 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampleId :

PB121441BS

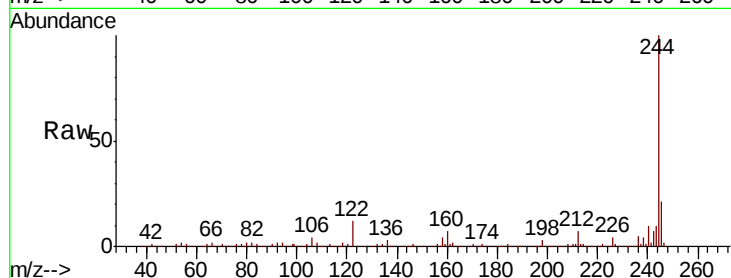
Tgt Ion:244 Resp: 1672943

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

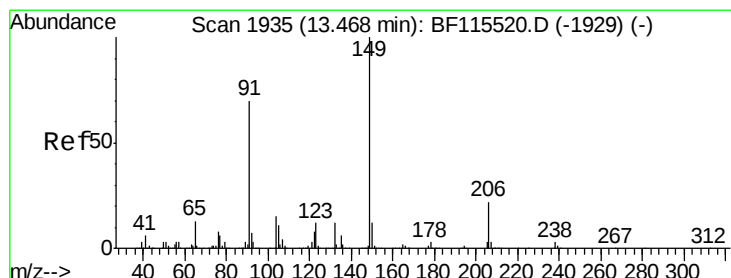
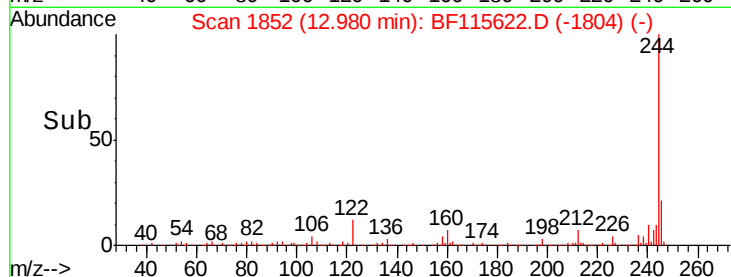
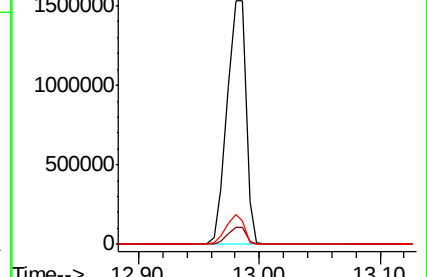
122 12.2 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.688 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.02 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

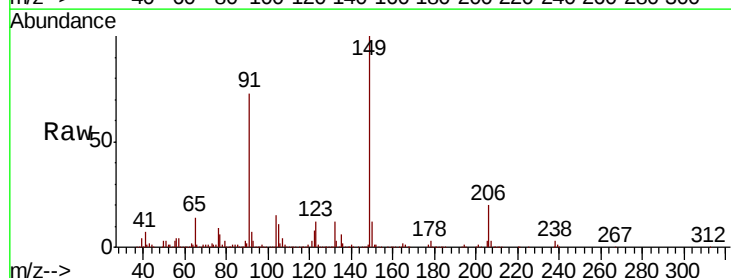
Tgt Ion:149 Resp: 578402

Ion Ratio Lower Upper

149 100

91 72.9 55.8 83.8

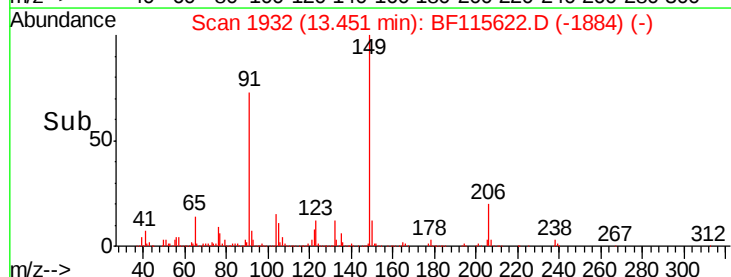
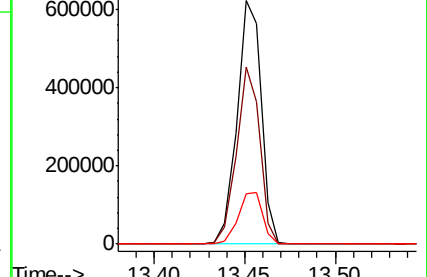
206 20.4 18.2 27.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.334 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampleId :

PB121441BS

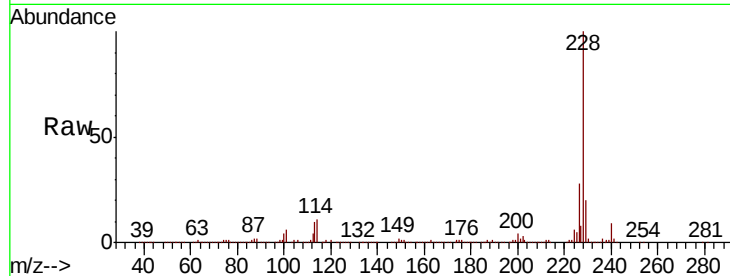
Tgt Ion:228 Resp: 1017138

Ion Ratio Lower Upper

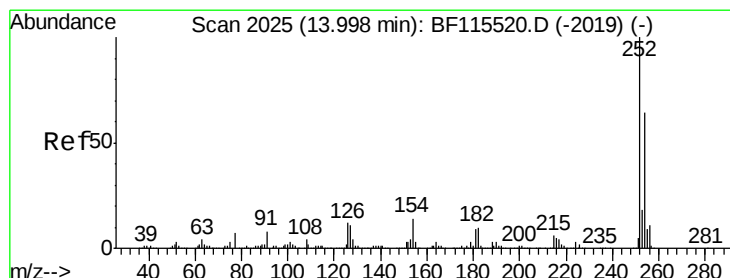
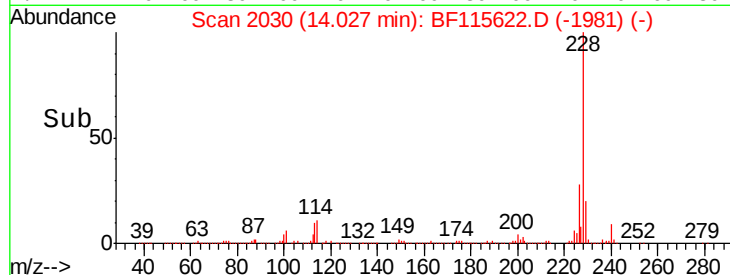
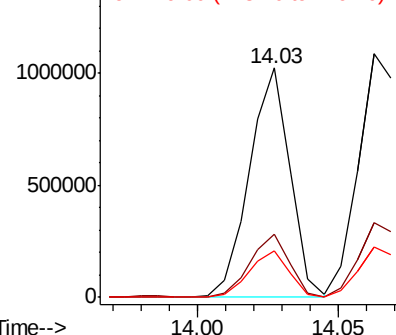
228 100

226 27.6 23.4 35.0

229 20.4 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: 31.755 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

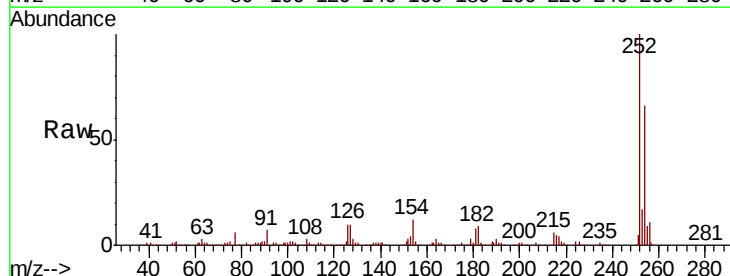
Tgt Ion:252 Resp: 316024

Ion Ratio Lower Upper

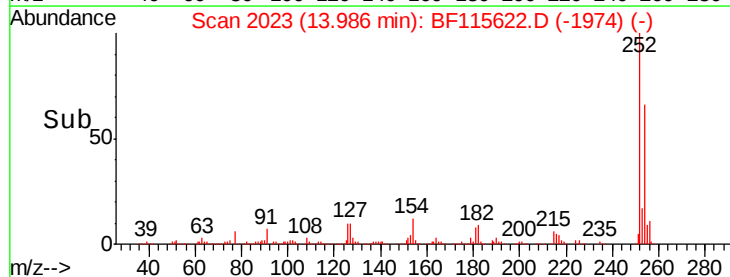
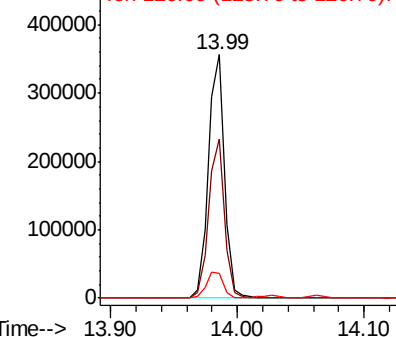
252 100

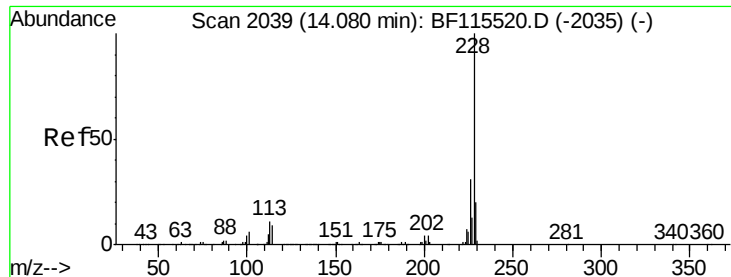
254 65.5 52.9 79.3

126 10.1 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.618 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.02 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampleId :

PB121441BS

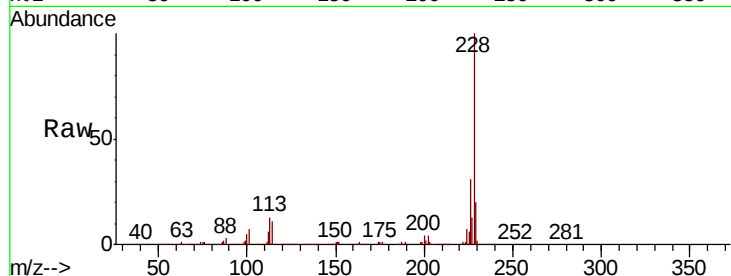
Tgt Ion:228 Resp: 1029066

Ion Ratio Lower Upper

228 100

226 30.9 25.7 38.5

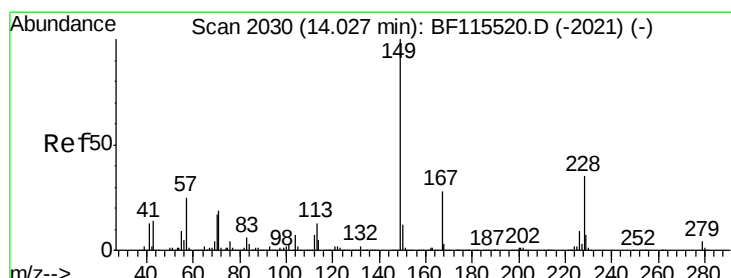
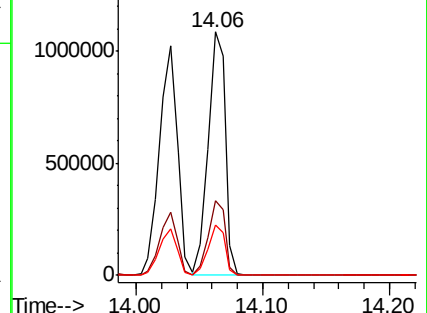
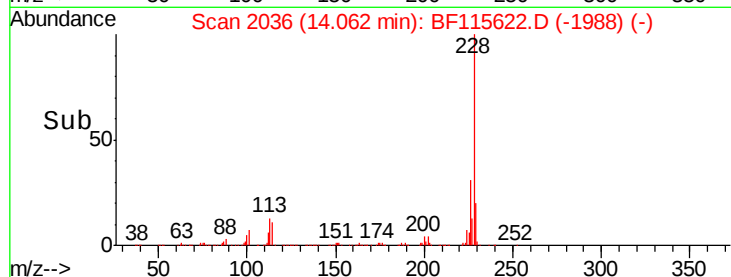
229 20.5 16.6 25.0



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: 40.116 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

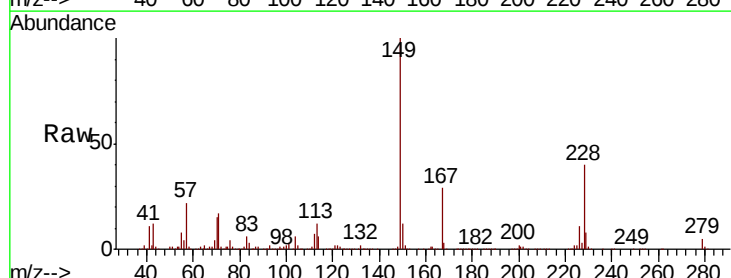
Tgt Ion:149 Resp: 762615

Ion Ratio Lower Upper

149 100

167 29.0 23.0 34.4

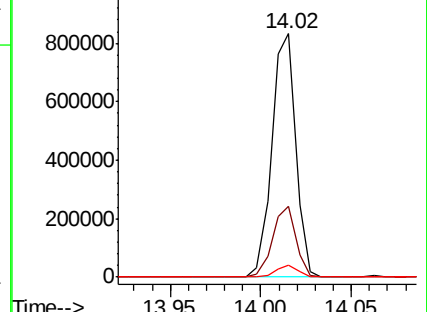
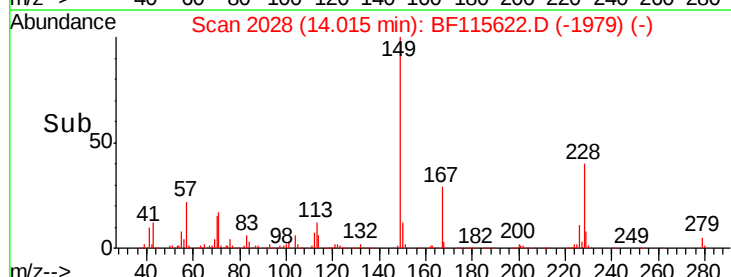
279 5.0 4.2 6.2



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: 40.548 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampleId :

PB121441BS

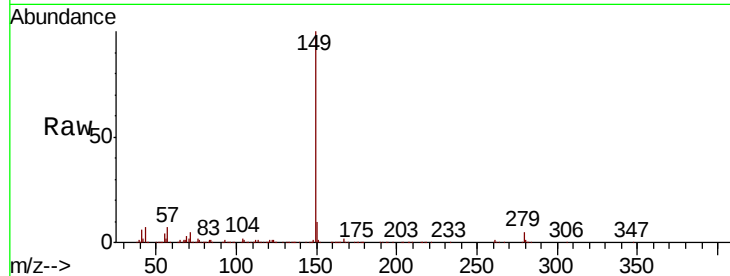
Tgt Ion:149 Resp: 1226479

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

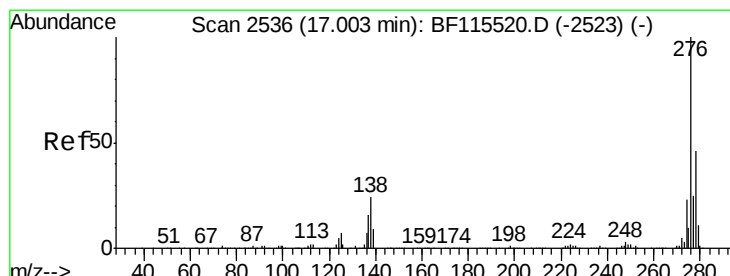
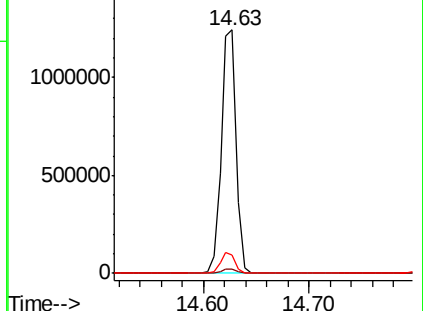
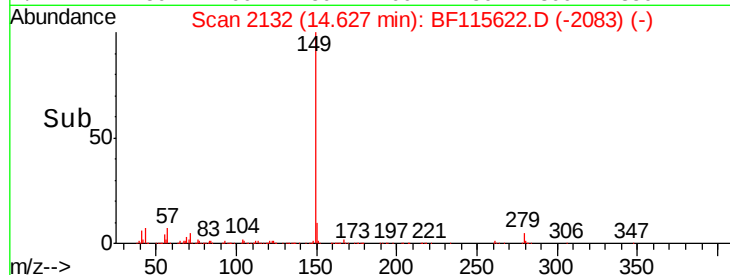
43 8.2 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.474 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.03 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

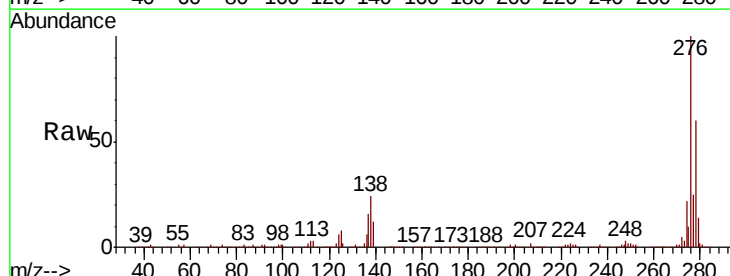
Tgt Ion:276 Resp: 942461

Ion Ratio Lower Upper

276 100

138 26.1 20.2 30.2

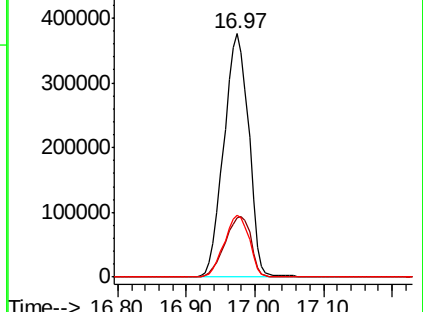
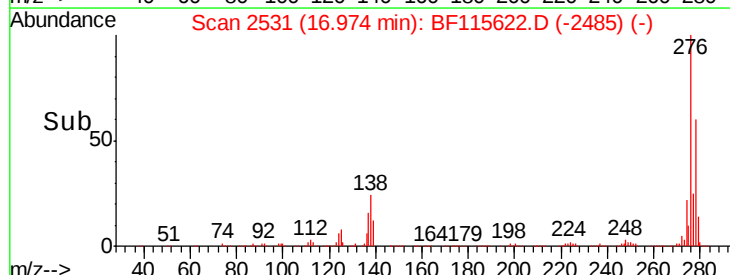
277 25.7 20.4 30.6

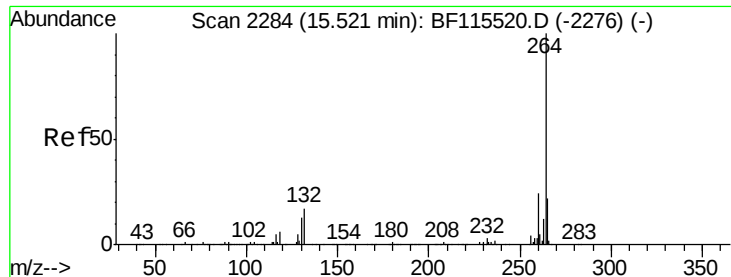


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.02 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampleId :

PB121441BS

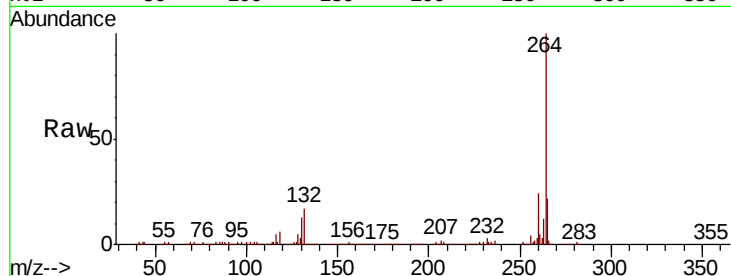
Tgt Ion:264 Resp: 322143

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.8

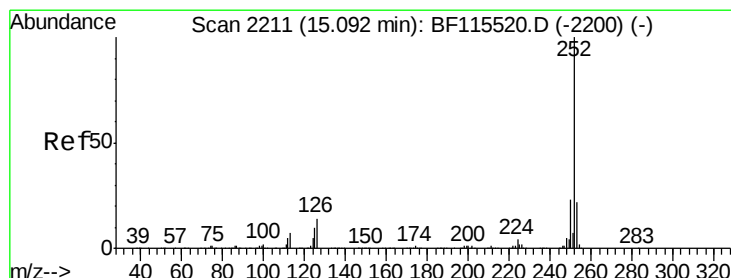
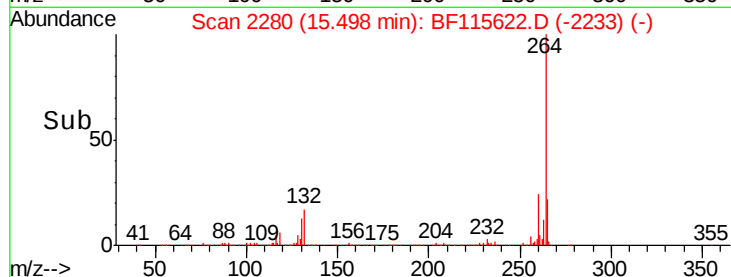
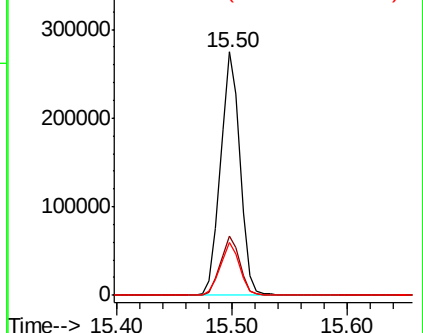
265 21.8 17.7 26.5



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: 49.139 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

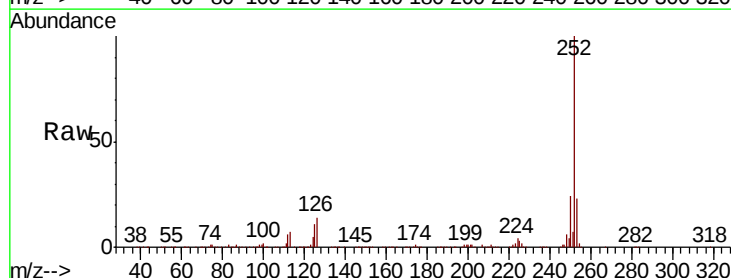
Tgt Ion:252 Resp: 1019319

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

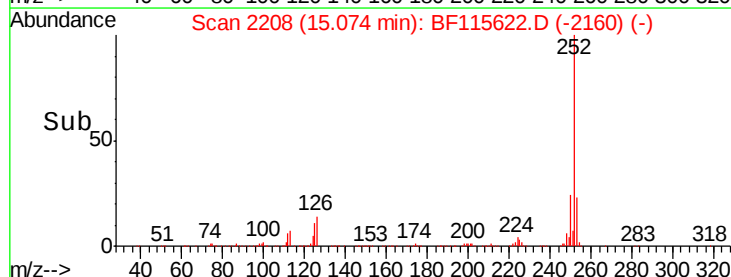
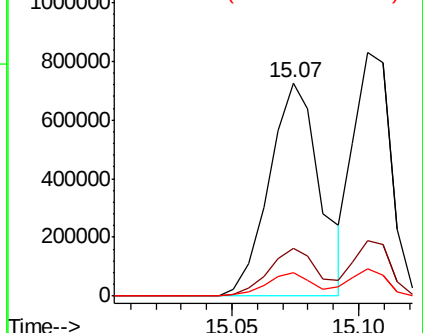
125 11.0 9.0 13.4

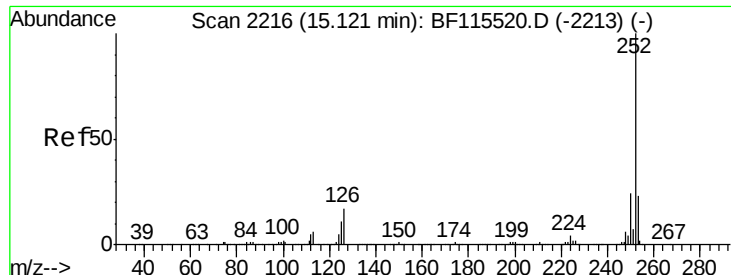


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

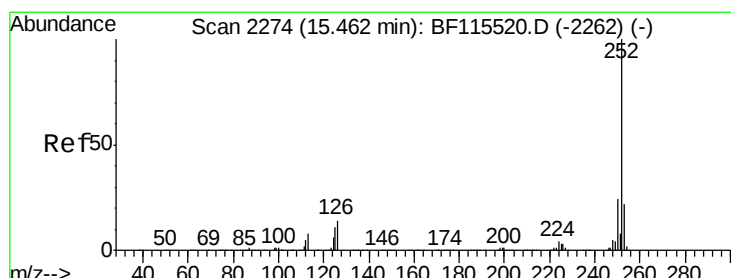
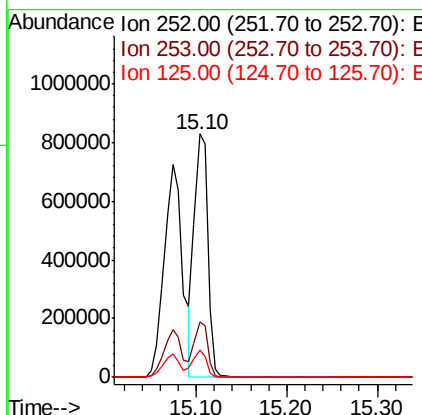
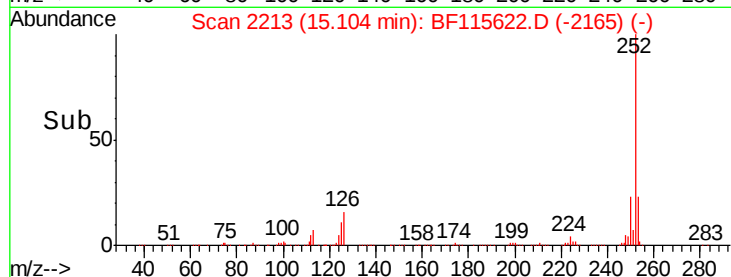
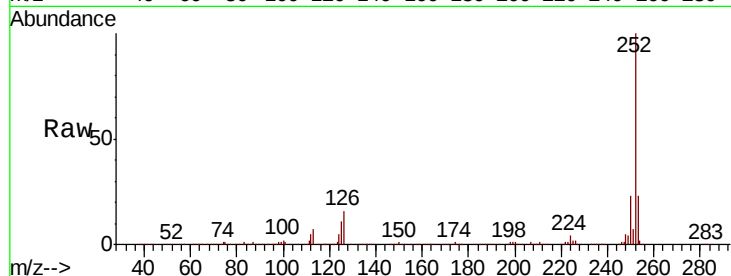




#89
Benzo(k)fluoranthene
Concen: 46.346 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

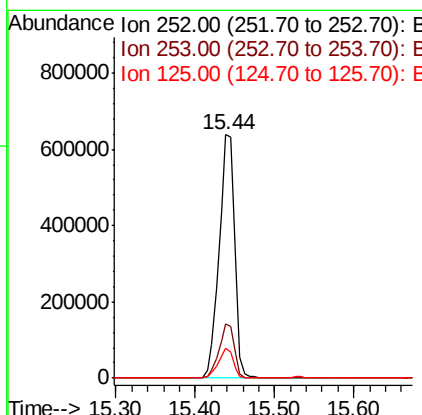
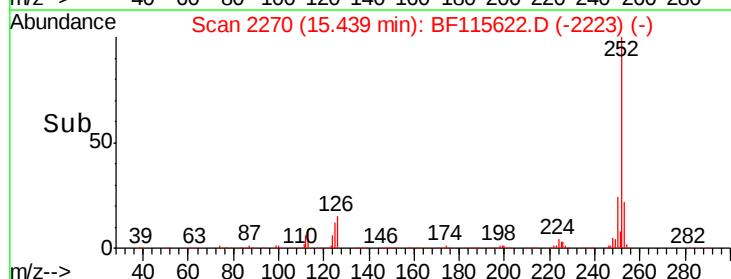
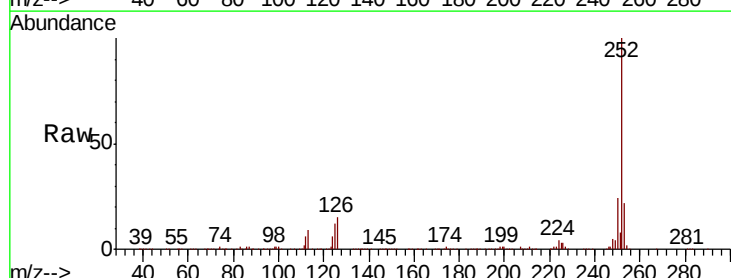
Instrument :
BNA_F
ClientSampleId :
PB121441BS

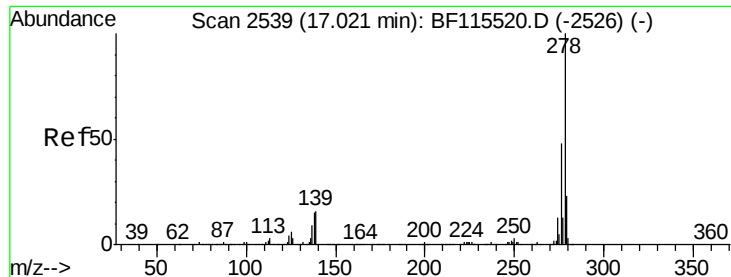
Tgt Ion:252 Resp: 857117
Ion Ratio Lower Upper
252 100
253 22.6 18.6 28.0
125 11.2 9.0 13.6



#90
Benzo(a)pyrene
Concen: 48.599 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion:252 Resp: 866453
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 12.1 9.1 13.7



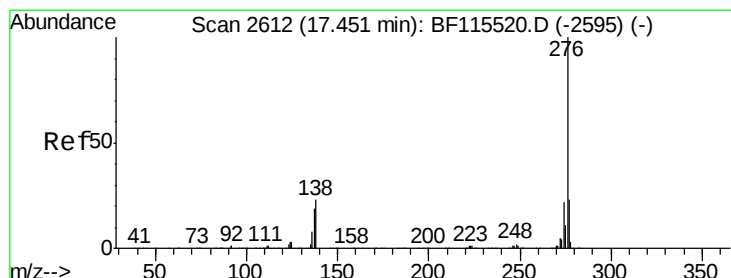
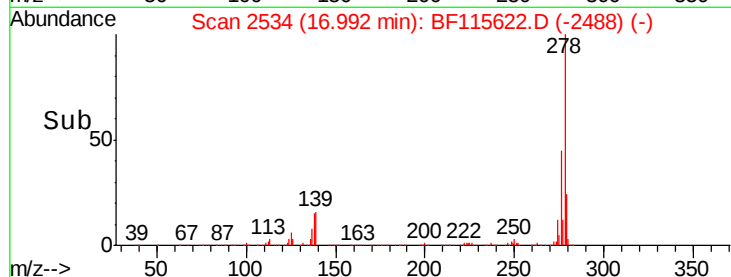
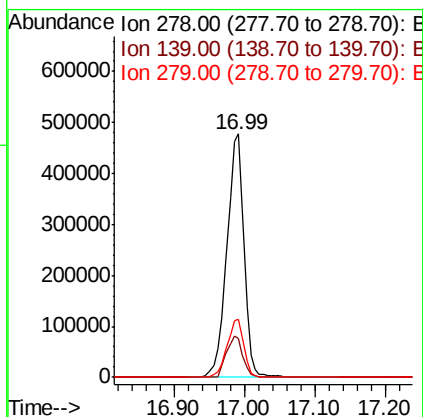
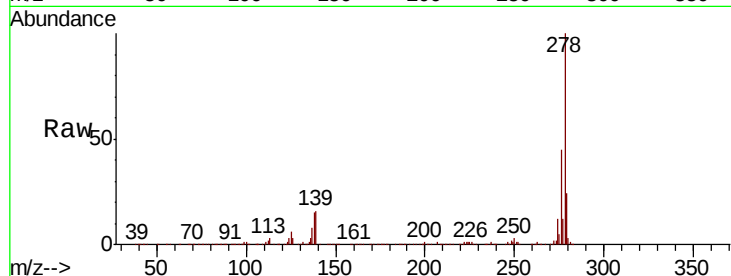


#91
Dibenzo(a,h)anthracene
Concen: 51.779 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.03 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tgt Ion:278 Resp: 810446

Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.1	19.7
279	23.7	19.6	29.4



#92
Benzo(g,h,i)perylene
Concen: 51.880 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.04 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion:276 Resp: 809850

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	21.6	17.2	25.8

