

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080519\
 Data File : BF115982.D
 Acq On : 5 Aug 2019 16:24
 Operator : HP/JU
 Sample : PB121965BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

Quant Time: Aug 06 01:35:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	133944	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	531846	20.00	ng	-0.01
39) Acenaphthene-d10	9.88	164	275113	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	452314	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	307898	20.00	ng	-0.02
87) Perylene-d12	15.47	264	285202	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	823570	102.93	ng	0.01
7) Phenol-d6	6.48	99	1041260	103.15	ng	0.00
23) Nitrobenzene-d5	7.40	82	679211	73.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	276921	103.82	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1210153	82.39	ng	-0.02
79) Terphenyl-d14	12.95	244	1219333	83.45	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	153743	38.036	ng	100
3) Pyridine	3.46	79	332846	29.478	ng	99
4) n-Nitrosodimethylamine	3.40	42	151161	33.923	ng	97
6) Aniline	6.51	93	376336	26.031	ng	99
8) 2-Chlorophenol	6.63	128	338173	38.222	ng	99
9) Benzaldehyde	6.40	77	124308	17.847	ng	99
10) Phenol	6.49	94	429576	36.136	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	327159	37.433	ng	97
12) 1,3-Dichlorobenzene	6.79	146	365407	35.736	ng	98
13) 1,4-Dichlorobenzene	6.86	146	373738	36.505	ng	99
14) 1,2-Dichlorobenzene	7.02	146	348579	36.976	ng	99
15) Benzyl Alcohol	6.99	79	280780	36.651	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	439396	36.858	ng	95
17) 2-Methylphenol	7.10	107	280588	37.453	ng	99
18) Hexachloroethane	7.36	117	134675	35.728	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	233676	37.355	ng	98
20) 3+4-Methylphenols	7.25	107	343101	38.701	ng	# 80
22) Acetophenone	7.25	105	466354	39.982	ng	97
24) Nitrobenzene	7.42	77	376297	37.824	ng	99
25) Isophorone	7.66	82	668239	37.929	ng	100
26) 2-Nitrophenol	7.74	139	183110	39.046	ng	98
27) 2,4-Dimethylphenol	7.78	122	299450	42.442	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	414814	37.987	ng	99
29) 2,4-Dichlorophenol	7.99	162	288170	38.682	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	320309	37.719	ng	100
31) Naphthalene	8.15	128	986929	39.434	ng	100
32) Benzoic acid	7.91	122	170289	34.234	ng	98
33) 4-Chloroaniline	8.19	127	270144	24.158	ng	98
34) Hexachlorobutadiene	8.26	225	178936	36.583	ng	99
35) Caprolactam	8.56	113	46854	19.446	ng	94
36) 4-Chloro-3-methylphenol	8.68	107	295914	38.182	ng	96
37) 2-Methylnaphthalene	8.84	142	651959	39.554	ng	99
38) 1-Methylnaphthalene	8.94	142	615248	39.456	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	297289	40.421	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080519\
 Data File : BF115982.D
 Acq On : 5 Aug 2019 16:24
 Operator : HP/JU
 Sample : PB121965BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

Quant Time: Aug 06 01:35:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	170380	53.704	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	184427	36.430	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	197209	37.685	ng	96
46) 1,1'-Biphenyl	9.30	154	798318	41.102	ng	99
47) 2-Chloronaphthalene	9.33	162	614460	38.010	ng	99
48) 2-Nitroaniline	9.42	65	187827	35.152	ng	90
49) Acenaphthylene	9.74	152	934598	39.628	ng	99
50) Dimethylphthalate	9.60	163	707777	37.784	ng	100
51) 2,6-Dinitrotoluene	9.66	165	155886	38.294	ng	93
52) Acenaphthene	9.91	154	560842	38.763	ng	99
53) 3-Nitroaniline	9.83	138	117538	23.367	ng	94
54) 2,4-Dinitrophenol	9.95	184	121674	60.840	ng	90
55) Dibenzofuran	10.09	168	843507	40.089	ng	99
56) 4-Nitrophenol	10.00	139	212168	65.845	ng	99
57) 2,4-Dinitrotoluene	10.07	165	203884	37.617	ng	90
58) Fluorene	10.43	166	640073	39.539	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	167661	38.082	ng	98
60) Diethylphthalate	10.30	149	676490	38.681	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	326571	39.832	ng	99
62) 4-Nitroaniline	10.45	138	159022	30.592	ng	99
63) Azobenzene	10.57	77	704684	39.175	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	92846	38.735	ng	93
66) n-Nitrosodiphenylamine	10.53	169	560328	41.158	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	194938	40.260	ng	99
68) Hexachlorobenzene	10.98	284	216234	38.620	ng	98
69) Atrazine	11.06	200	168326	37.583	ng	99
70) Pentachlorophenol	11.17	266	189234	69.615	ng	97
71) Phenanthrene	11.39	178	904425	39.113	ng	100
72) Anthracene	11.44	178	938321	40.096	ng	99
73) Carbazole	11.59	167	832649	39.218	ng	99
74) Di-n-butylphthalate	11.92	149	1039838	41.985	ng	100
75) Fluoranthene	12.58	202	926790	38.285	ng	100
77) Benzidine	12.70	184	299557	28.798	ng	98
78) Pyrene	12.81	202	933545	40.222	ng	99
80) Butylbenzylphthalate	13.42	149	416042	42.376	ng	96
81) Benzo(a)anthracene	13.99	228	759856	38.611	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	243782	35.656	ng	98
83) Chrysene	14.03	228	738068	38.630	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	597227	46.811	ng	99
85) Di-n-octyl phthalate	14.59	149	933813	46.081	ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	737711	45.972	ng	99
88) Benzo(b)fluoranthene	15.04	252	692965	42.021	ng	98
89) Benzo(k)fluoranthene	15.07	252	665155	41.411	ng	99
90) Benzo(a)pyrene	15.40	252	647078	43.895	ng	98
91) Dibenzo(a,h)anthracene	16.94	278	627584	49.183	ng	100
92) Benzo(g,h,i)perylene	17.38	276	618677	49.369	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

ClientSampleId :

PB121965BS

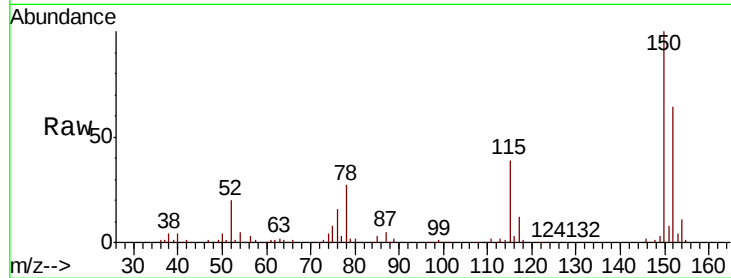
Tgt Ion:152 Resp: 133944

Ion Ratio Lower Upper

152 100

150 155.6 127.4 191.0

115 60.3 51.8 77.8

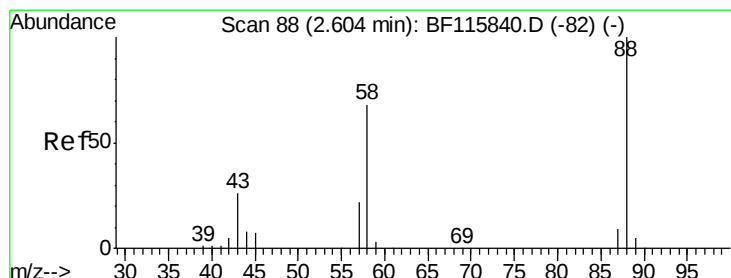
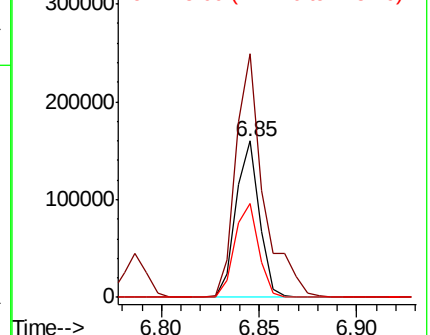
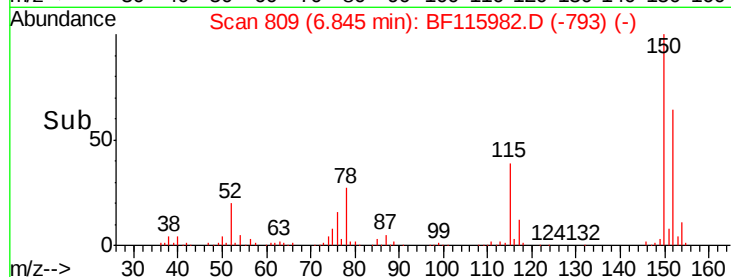


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.036 ng

RT: 2.71 min Scan# 106

Delta R.T. 0.11 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

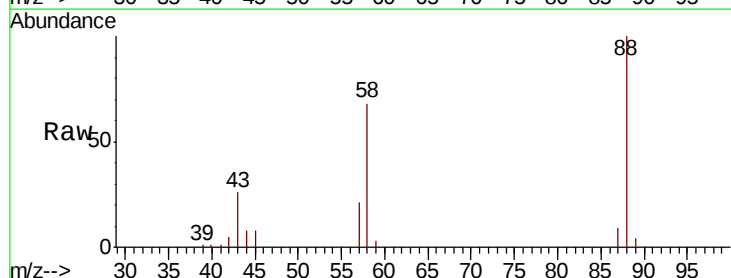
Tgt Ion: 88 Resp: 153743

Ion Ratio Lower Upper

88 100

58 67.7 54.1 81.1

43 26.2 20.7 31.1

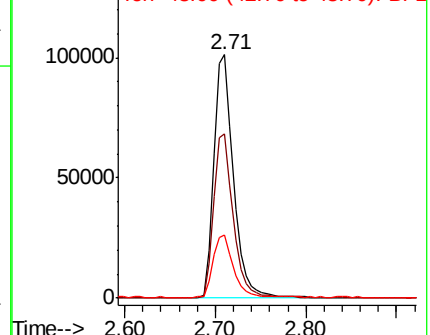
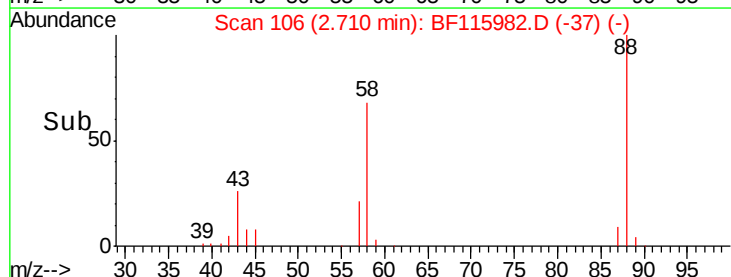


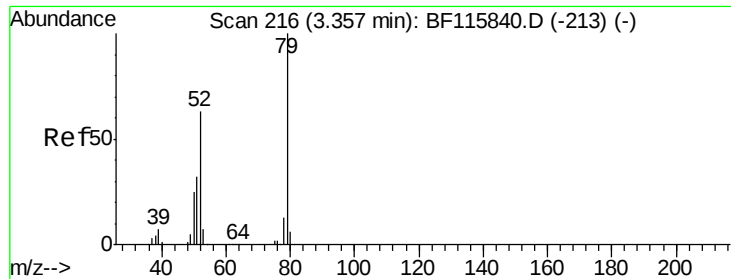
Abundance

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: 29.478 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.10 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

ClientSampleId :

PB121965BS

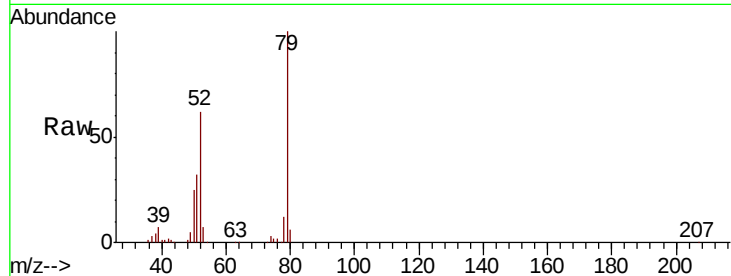
Tgt Ion: 79 Resp: 332846

Ion Ratio Lower Upper

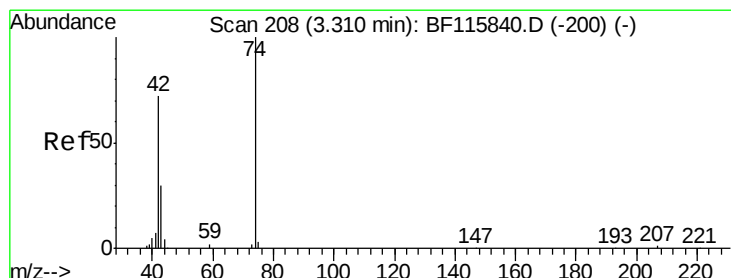
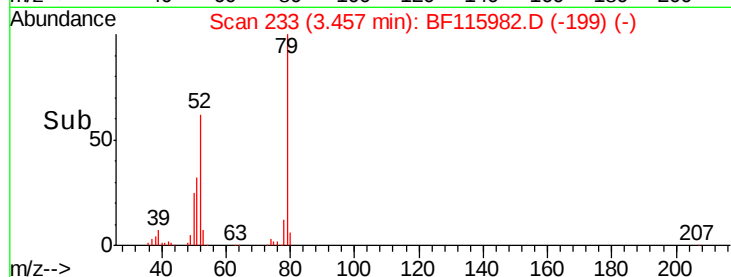
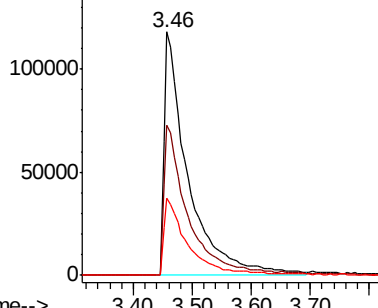
79 100

52 61.5 50.2 75.4

51 31.8 25.8 38.6



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



#4

n-Nitrosodimethylamine

Concen: 33.923 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.09 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

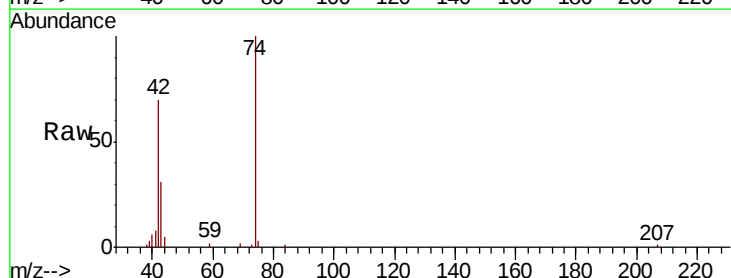
Tgt Ion: 42 Resp: 151161

Ion Ratio Lower Upper

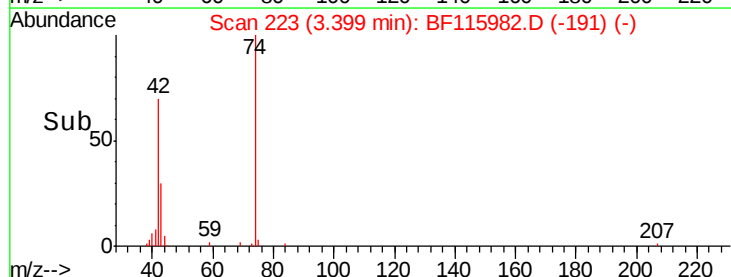
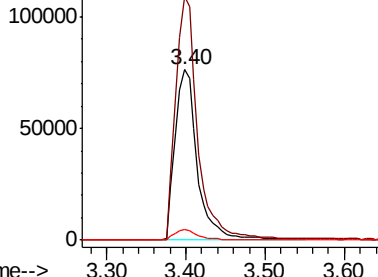
42 100

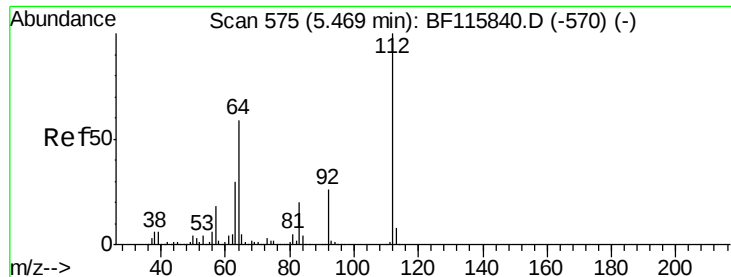
74 142.9 111.0 166.4

44 6.6 4.7 7.1



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





#5

2-Fluorophenol

Concen: 102.932 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

ClientSampleId :

PB121965BS

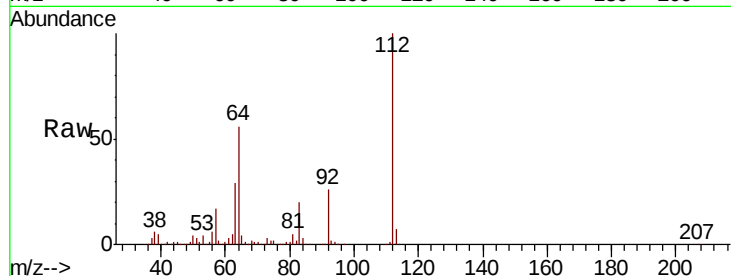
Tgt Ion:112 Resp: 823570

Ion Ratio Lower Upper

112 100

64 56.4 46.8 70.2

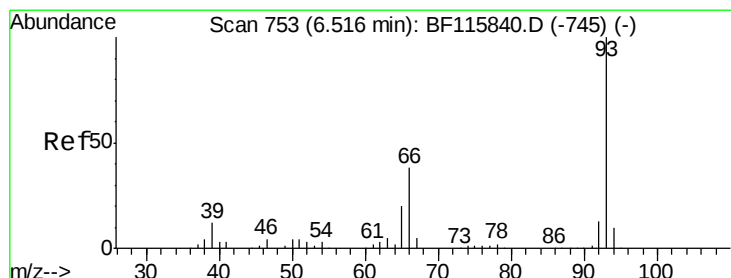
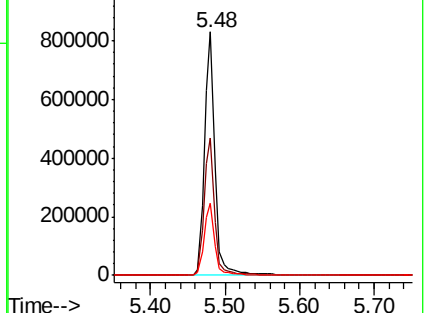
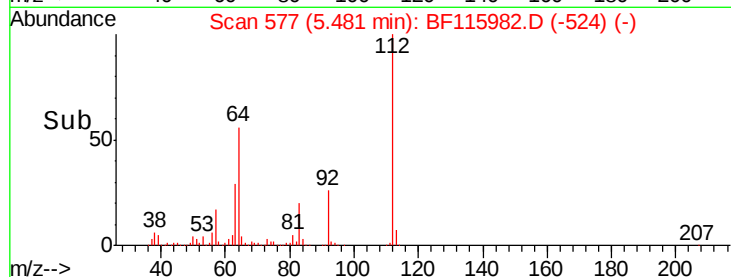
63 29.4 24.2 36.2



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: 26.031 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

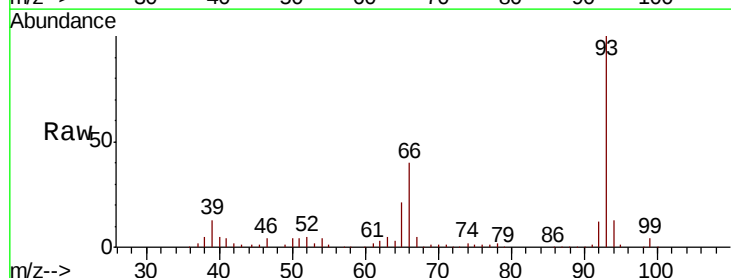
Tgt Ion: 93 Resp: 376336

Ion Ratio Lower Upper

93 100

66 39.6 31.4 47.0

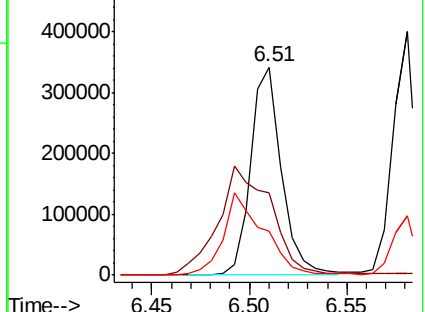
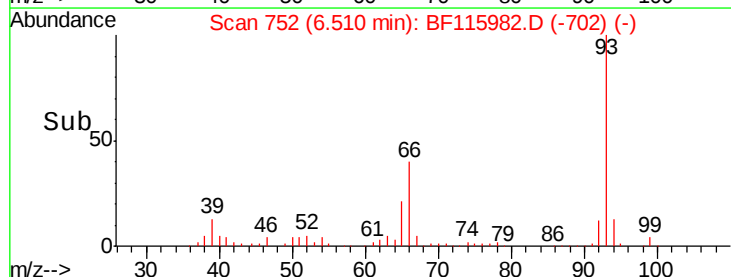
65 21.4 16.5 24.7

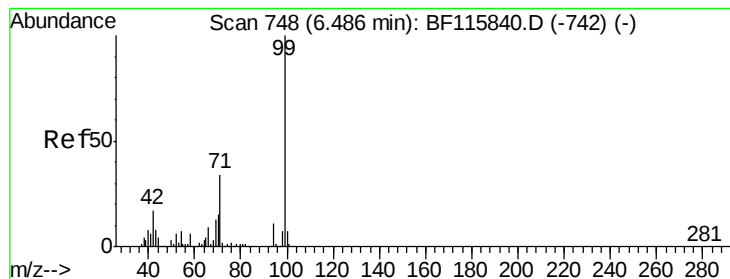


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.148 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

ClientSampleId :

PB121965BS

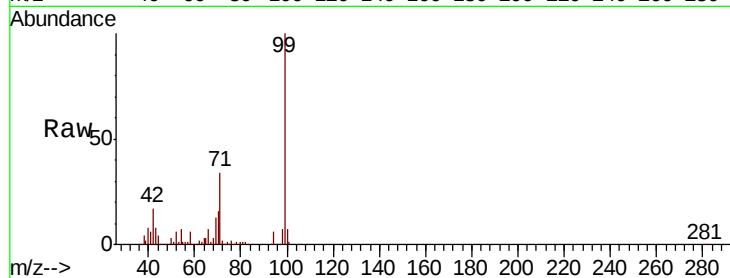
Tgt Ion: 99 Resp: 1041260

Ion Ratio Lower Upper

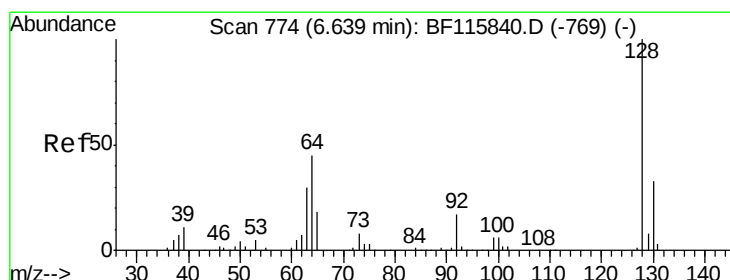
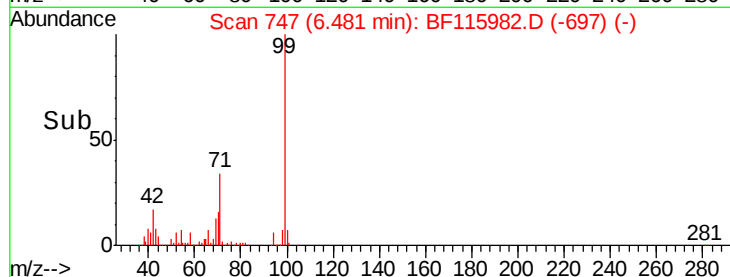
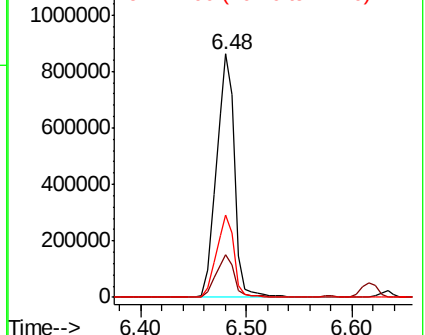
99 100

42 17.4 13.8 20.6

71 34.0 27.1 40.7



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: 38.222 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

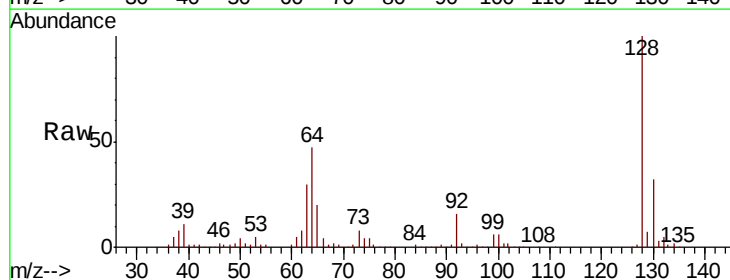
Tgt Ion: 128 Resp: 338173

Ion Ratio Lower Upper

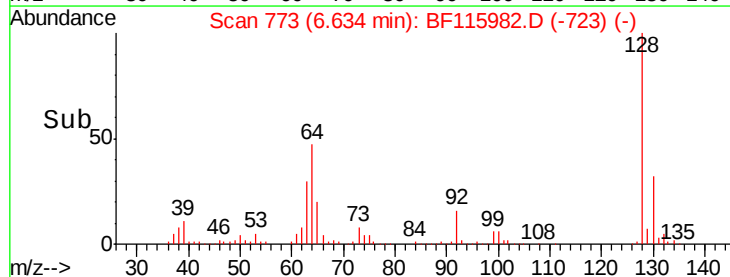
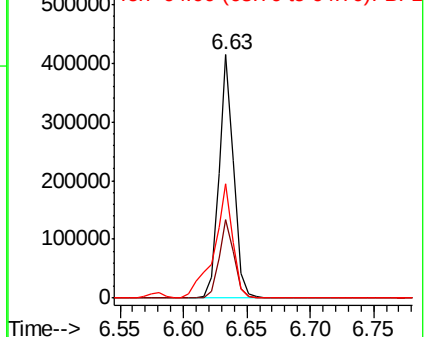
128 100

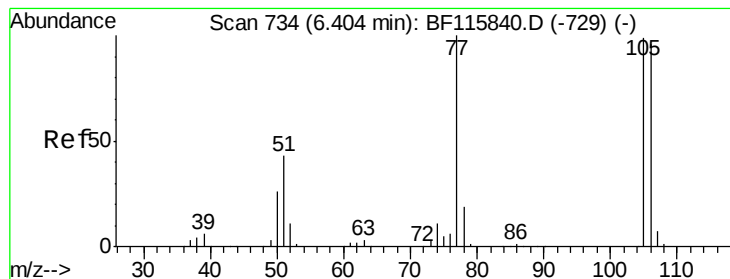
130 32.3 12.9 52.9

64 47.0 26.1 66.1



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: 17.847 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

ClientSampleId :

PB121965BS

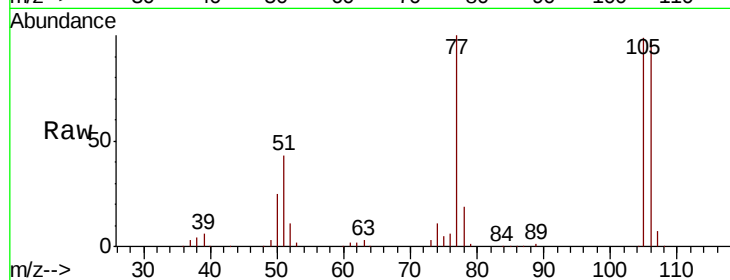
Tgt Ion: 77 Resp: 124308

Ion Ratio Lower Upper

77 100

105 99.4 79.0 119.0

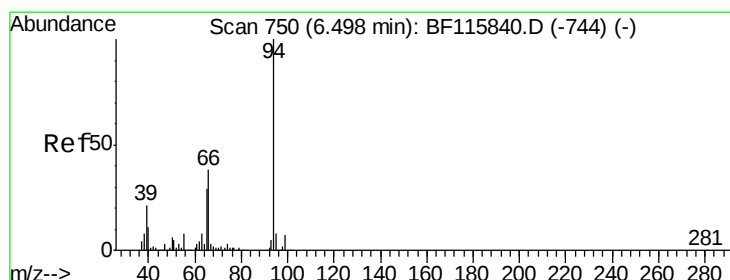
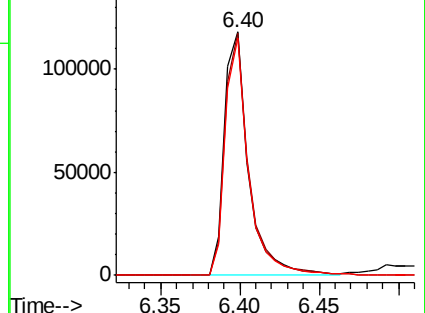
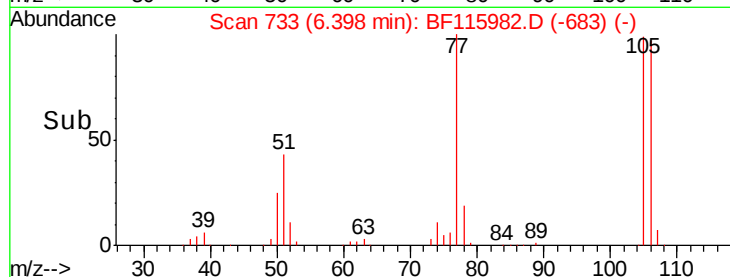
106 97.3 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.136 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

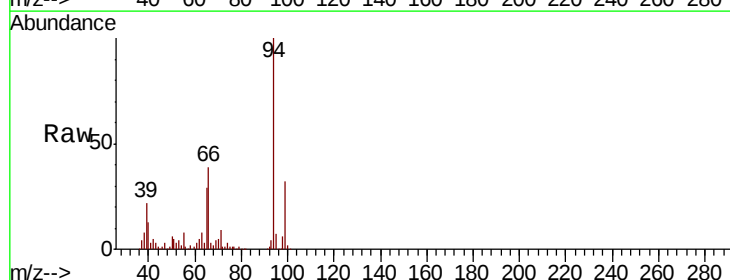
Tgt Ion: 94 Resp: 429576

Ion Ratio Lower Upper

94 100

65 29.4 8.9 48.9

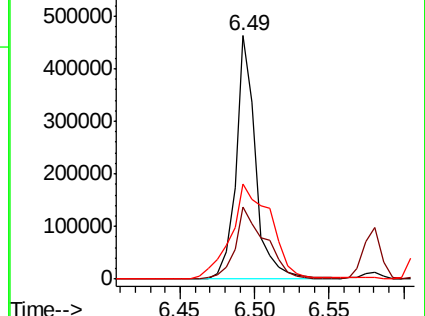
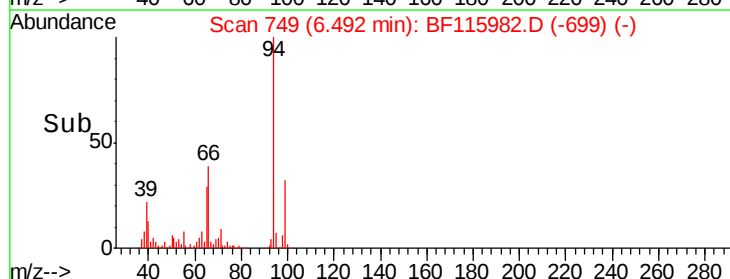
66 38.8 18.0 58.0

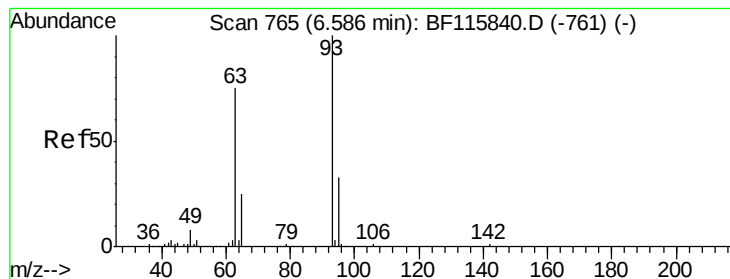


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.433 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

ClientSampleId :

PB121965BS

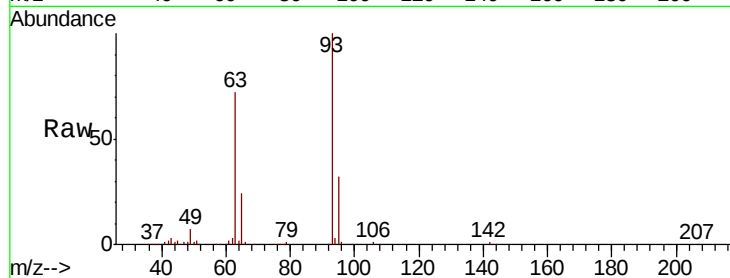
Tgt Ion: 93 Resp: 327159

Ion Ratio Lower Upper

93 100

63 71.6 54.9 94.9

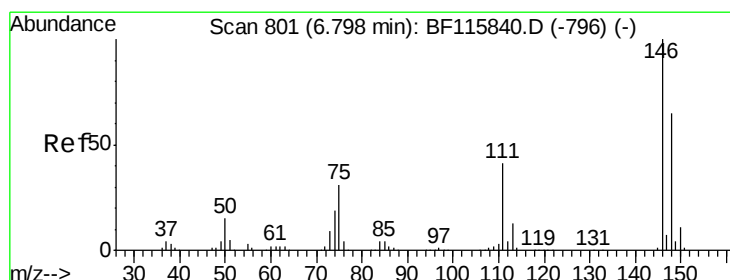
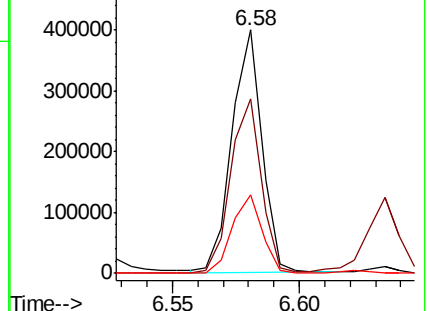
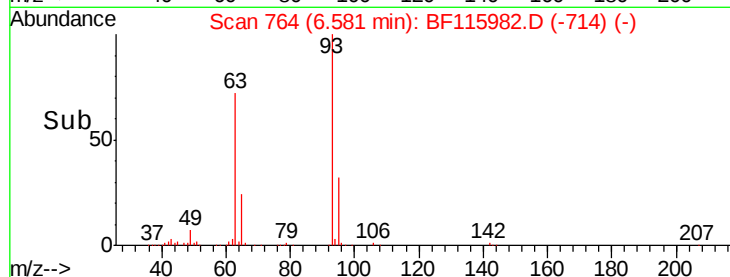
95 32.3 13.3 53.3



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: 35.736 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

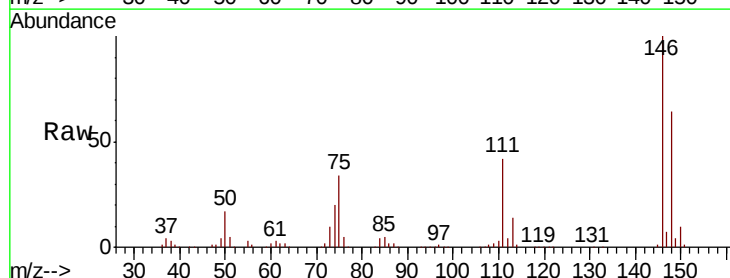
Tgt Ion: 146 Resp: 365407

Ion Ratio Lower Upper

146 100

148 64.4 52.1 78.1

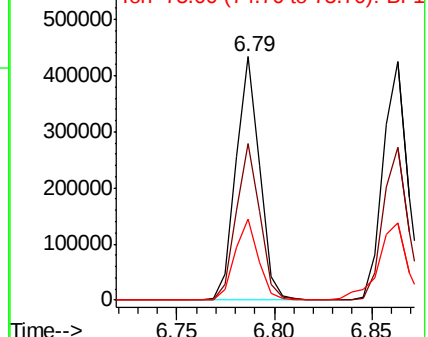
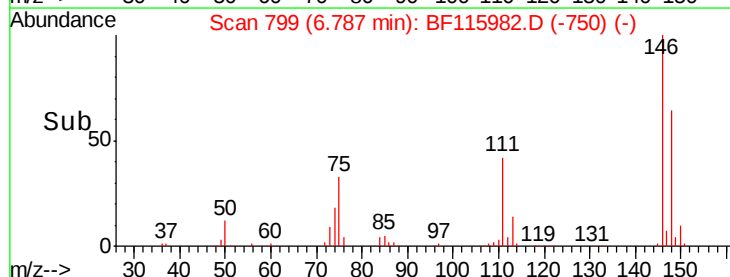
75 33.5 25.0 37.6

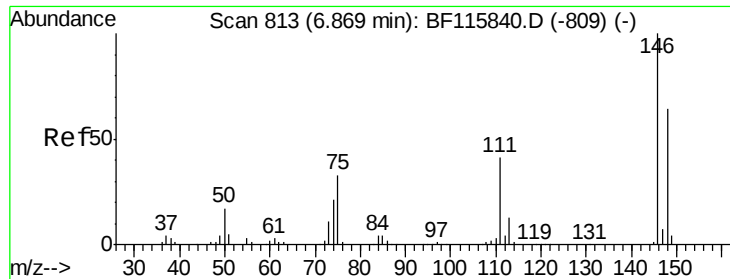


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

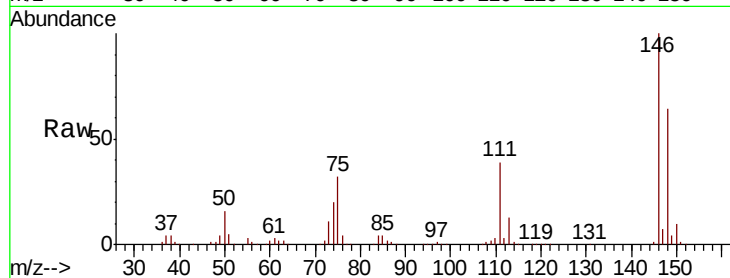




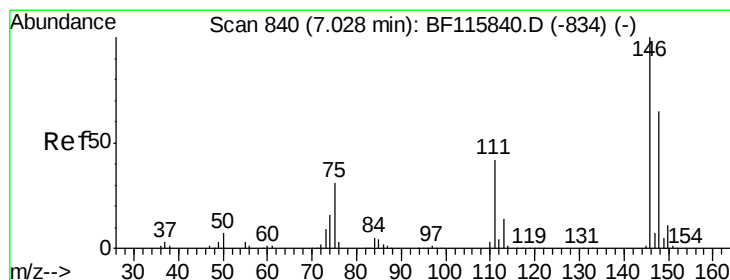
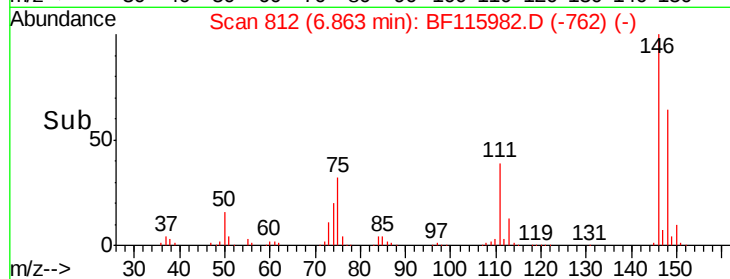
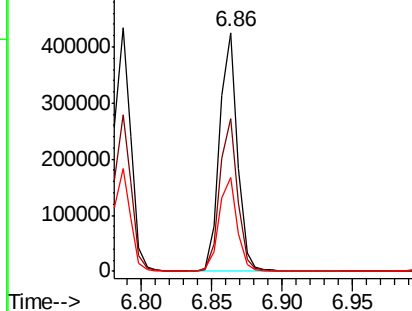
#13
 1,4-Dichlorobenzene
 Concen: 36.505 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

Tgt Ion:146 Resp: 373738
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.2 76.8
 111 39.4 33.2 49.8

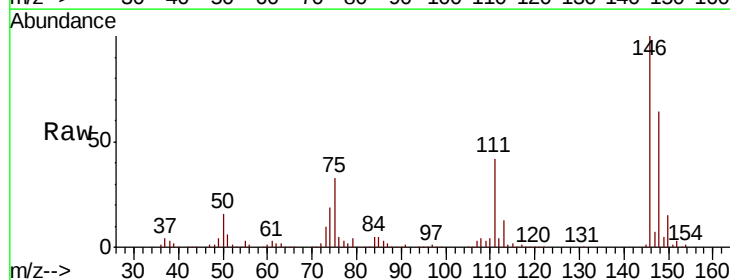


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

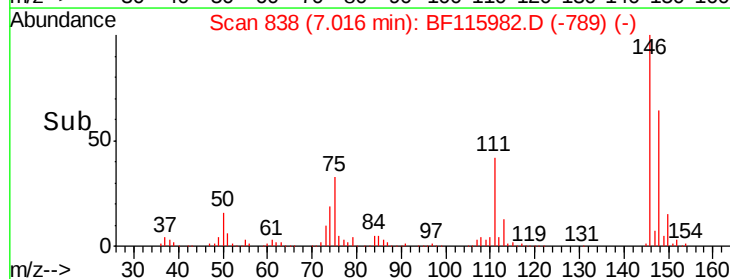
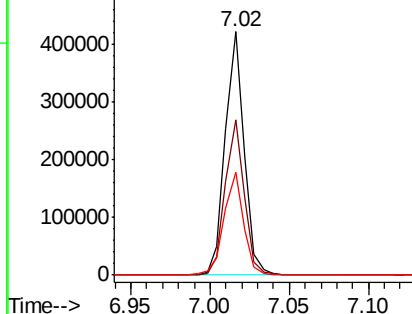


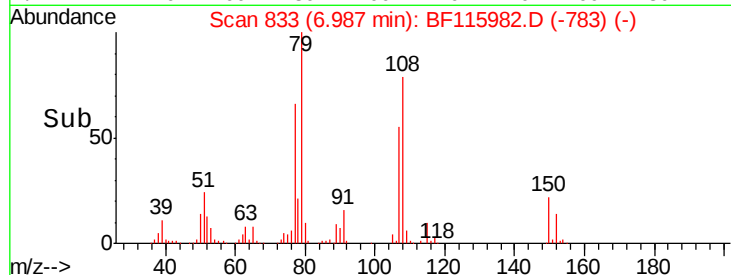
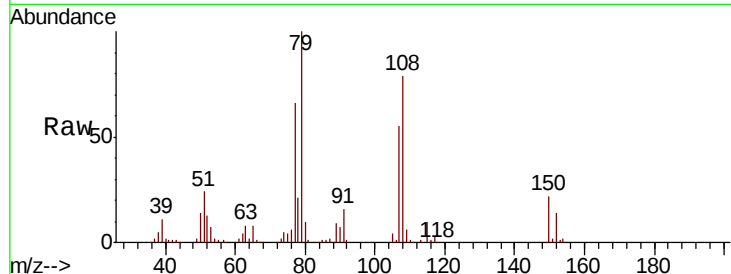
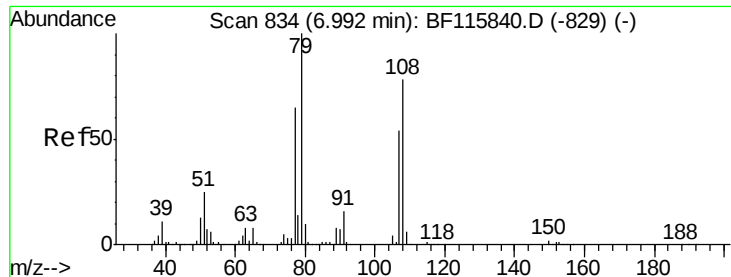
#14
 1,2-Dichlorobenzene
 Concen: 36.976 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion:146 Resp: 348579
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.6 77.4
 111 42.1 33.6 50.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

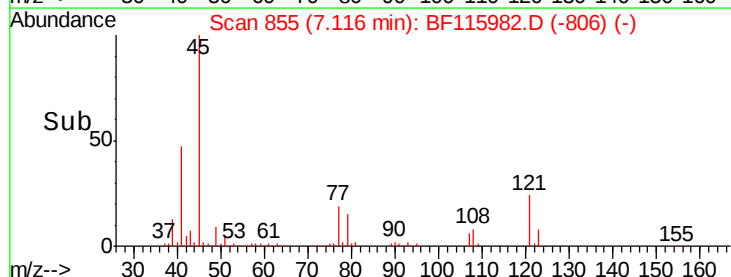
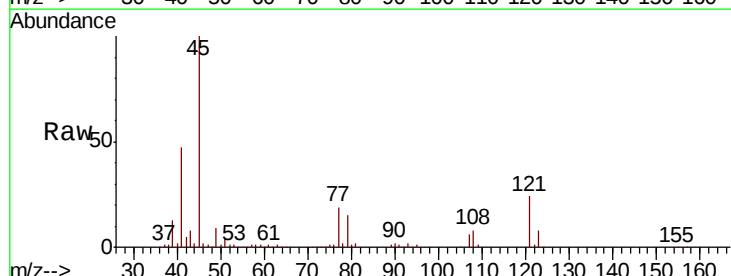
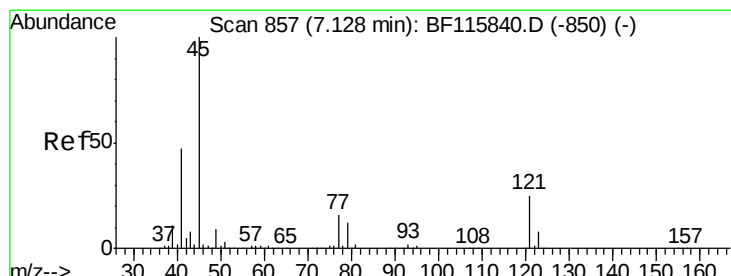
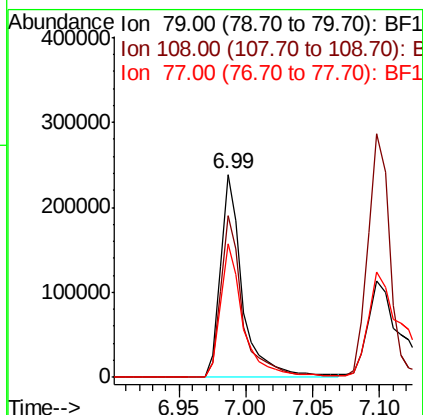




#15
Benzyl Alcohol
Concen: 36.651 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

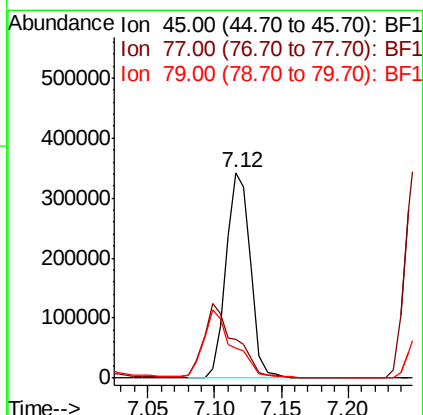
Instrument :
BNA_F
ClientSampleId :
PB121965BS

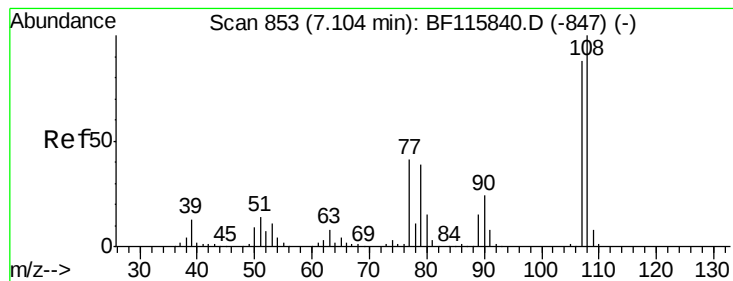
Tgt Ion	Ratio	Lower	Upper
79	100		
108	79.4	62.8	94.2
77	65.8	52.0	78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.858 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.6	0.0	36.3
79	14.5	0.0	32.5





#17

2-Methylphenol

Concen: 37.453 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

ClientSampleId :

PB121965BS

Tgt Ion:107 Resp: 280588

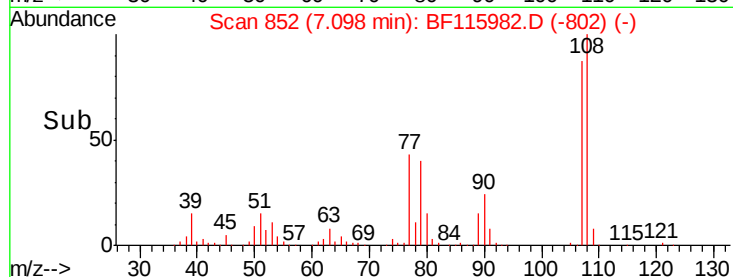
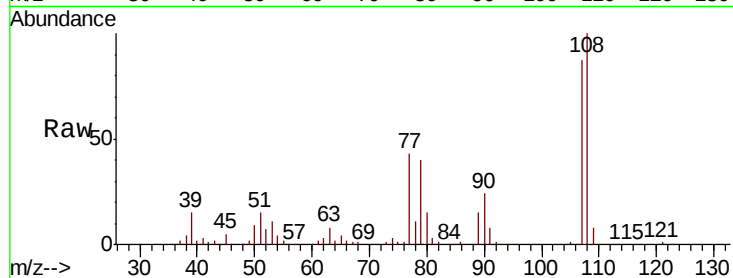
Ion Ratio Lower Upper

107 100

108 114.6 91.4 137.0

77 49.5 37.6 56.4

79 45.4 36.2 54.4

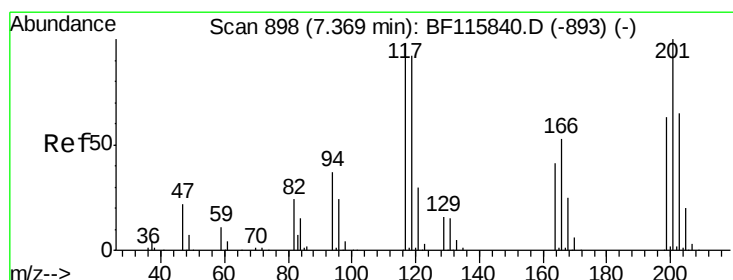
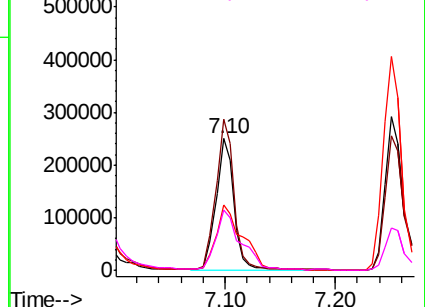


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 35.728 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

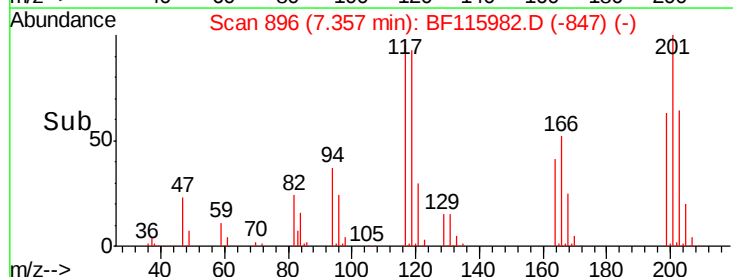
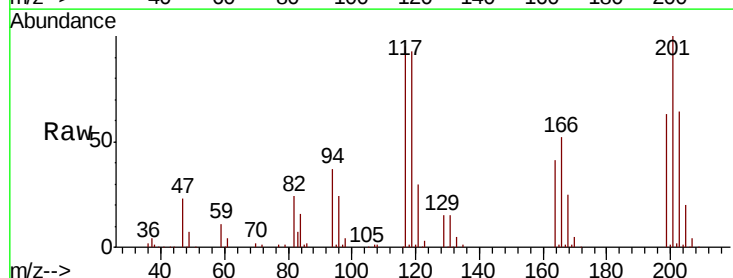
Tgt Ion:117 Resp: 134675

Ion Ratio Lower Upper

117 100

119 97.8 75.8 113.6

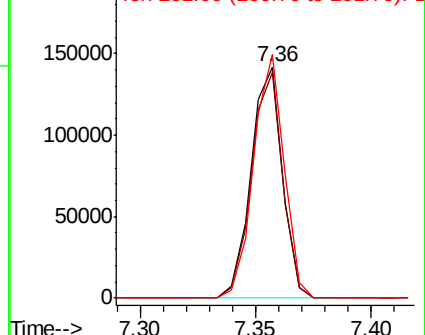
201 105.5 82.0 123.0



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

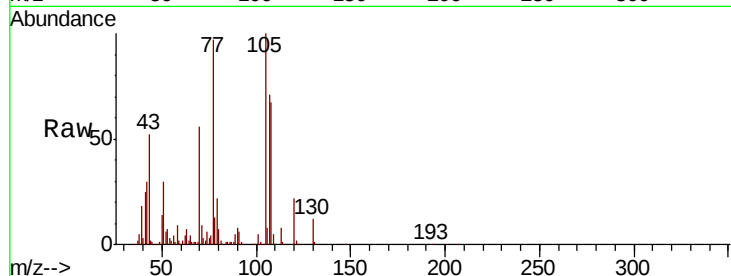




#19
n-Nitroso-di-n-propylamine
Concen: 37.355 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.1	41.8	62.8
101	9.4	7.7	11.5
130	22.1	17.8	26.6



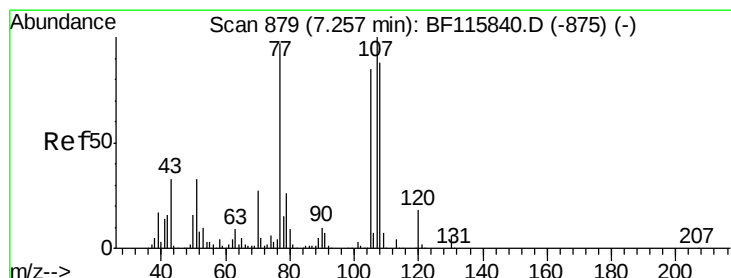
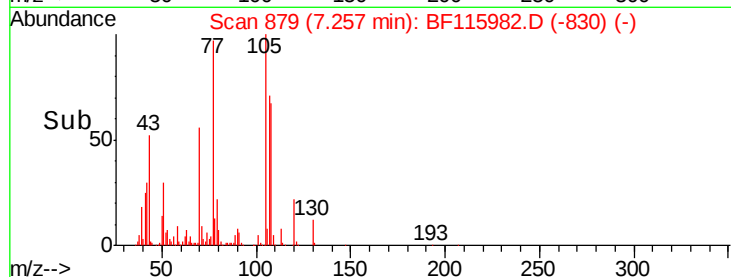
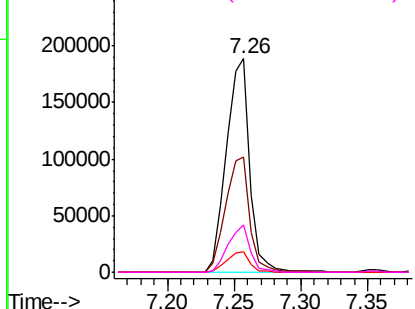
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 38.701 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	67.9	107.9
77	139.0	77.3	117.3
79	27.9	6.6	46.6

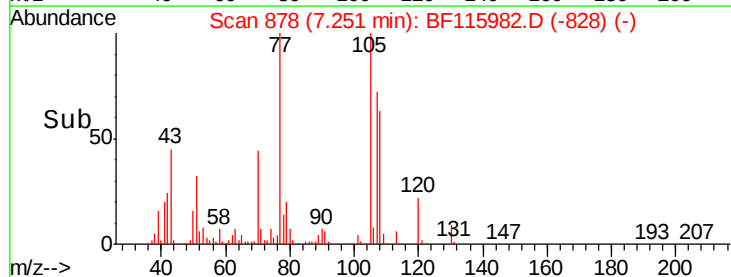
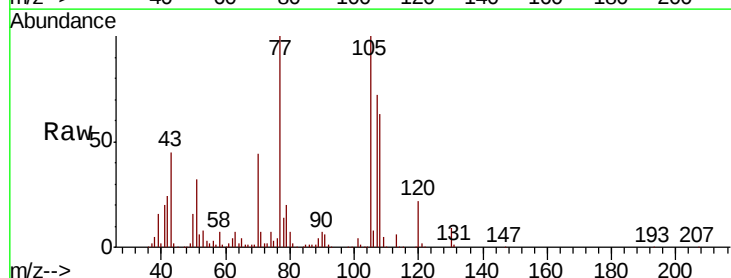
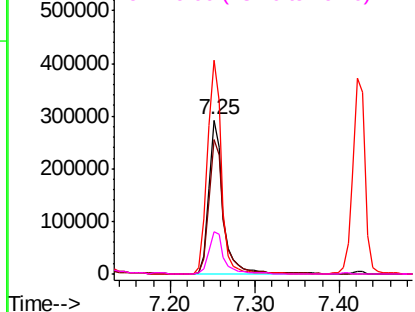
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

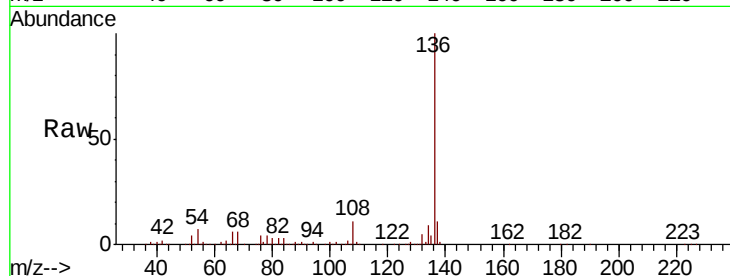




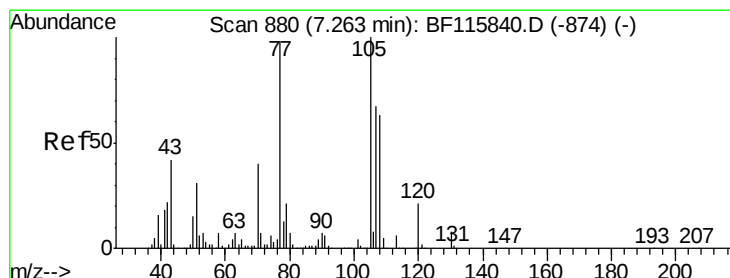
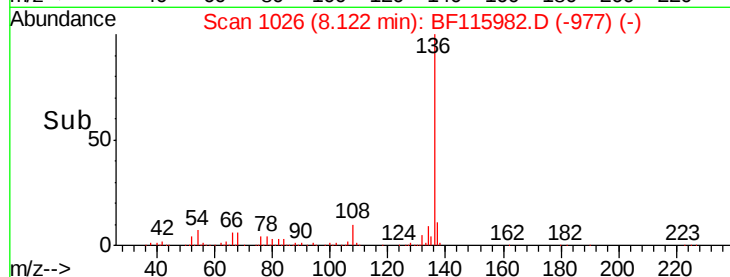
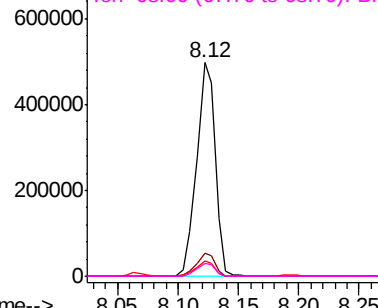
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

Tgt Ion:	136	Resp:	531846
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.2	6.1	9.1
68	6.2	5.4	8.2

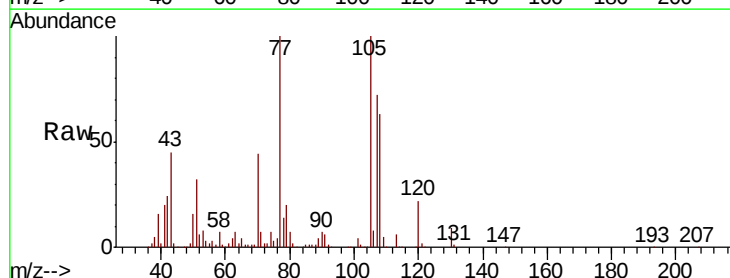


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

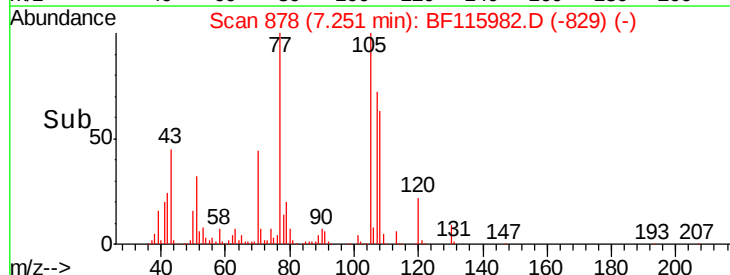
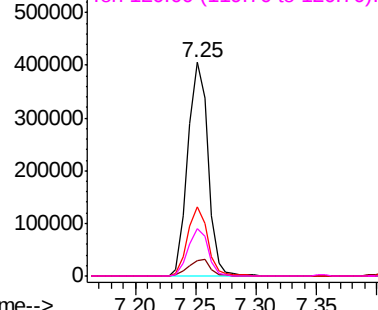


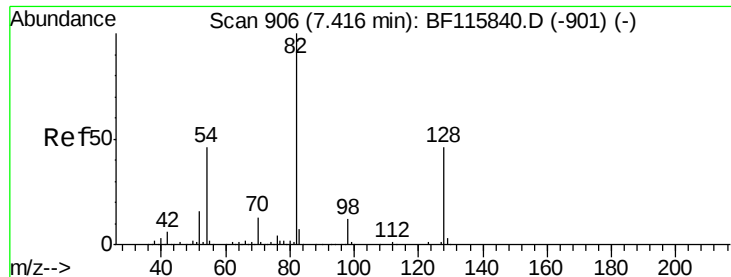
#22
Acetophenone
Concen: 39.982 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion:	105	Resp:	466354
Ion	Ratio	Lower	Upper
105	100		
71	7.3	5.4	8.0
51	32.4	24.6	36.8
120	22.2	17.0	25.6



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

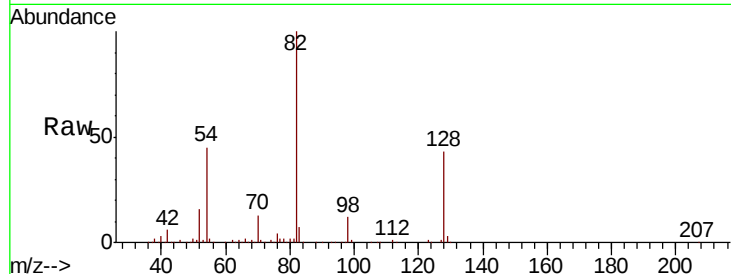




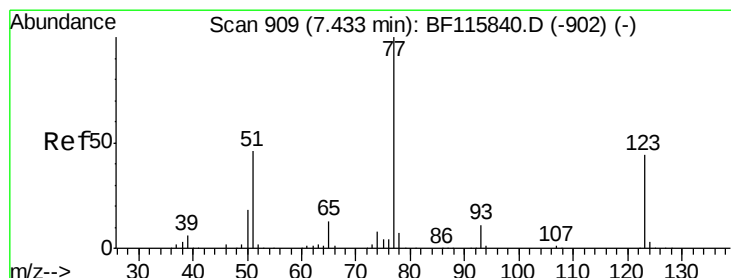
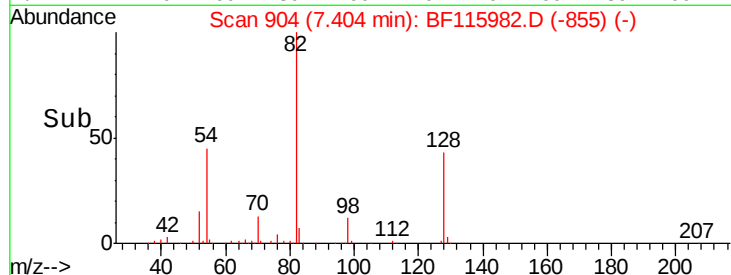
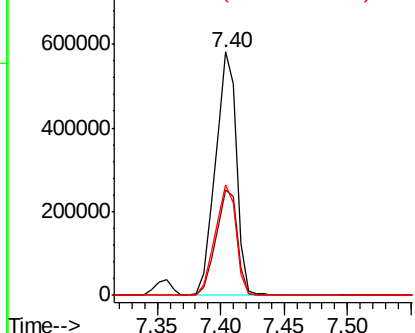
#23
 Nitrobenzene-d5
 Concen: 73.717 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

Tgt Ion: 82 Resp: 679211
 Ion Ratio Lower Upper
 82 100
 128 43.5 36.6 55.0
 54 45.1 36.6 55.0

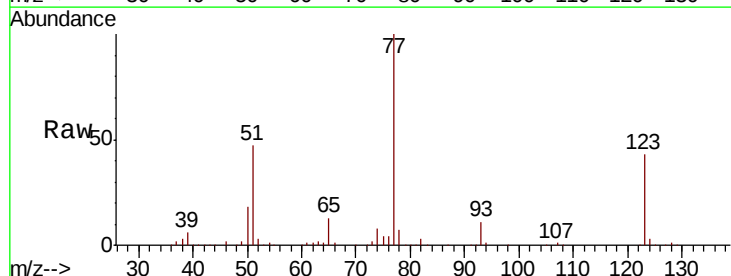


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

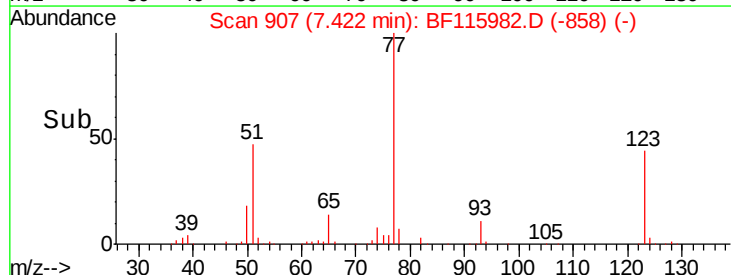
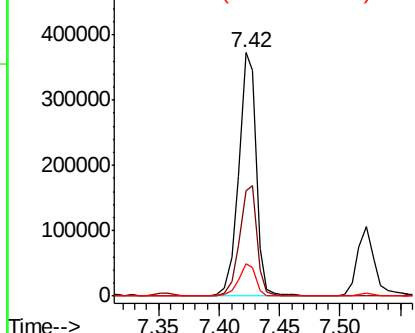


#24
 Nitrobenzene
 Concen: 37.824 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion: 77 Resp: 376297
 Ion Ratio Lower Upper
 77 100
 123 43.5 35.5 53.3
 65 13.3 10.6 15.8



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: 37.929 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

ClientSampleId :

PB121965BS

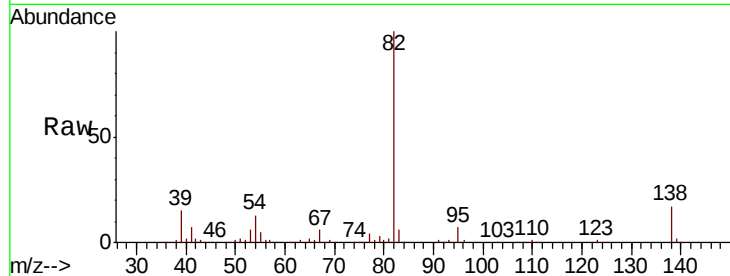
Tgt Ion: 82 Resp: 668239

Ion Ratio Lower Upper

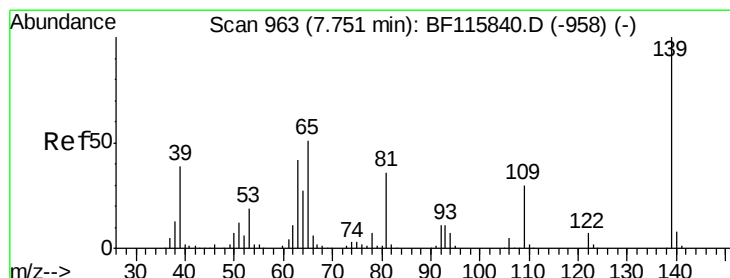
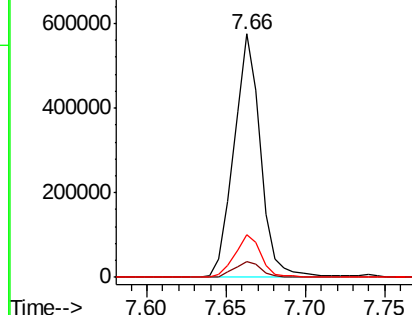
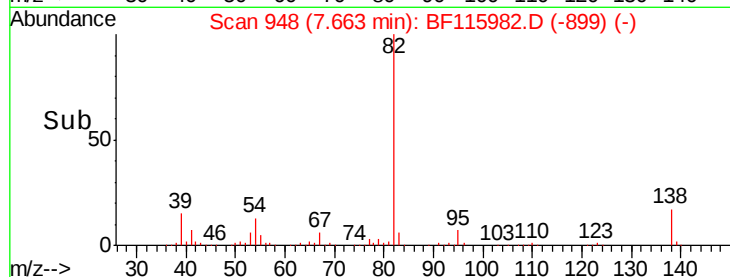
82 100

95 6.7 5.5 8.3

138 17.5 13.9 20.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.046 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

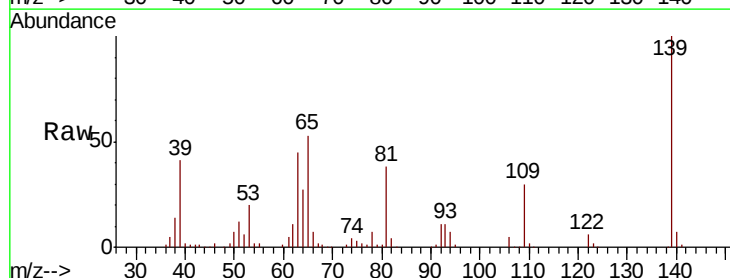
Tgt Ion: 139 Resp: 183110

Ion Ratio Lower Upper

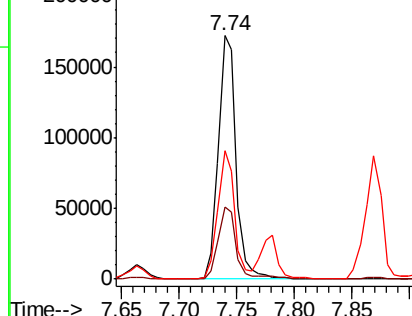
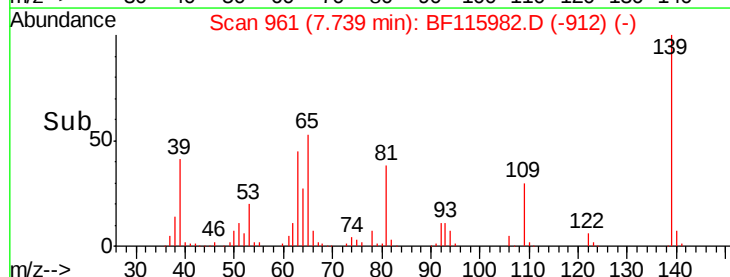
139 100

109 29.7 23.6 35.4

65 52.9 40.6 60.8



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

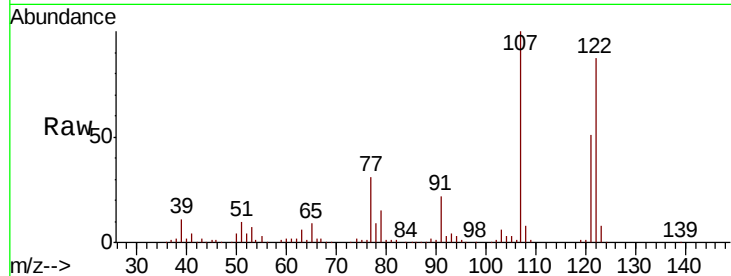




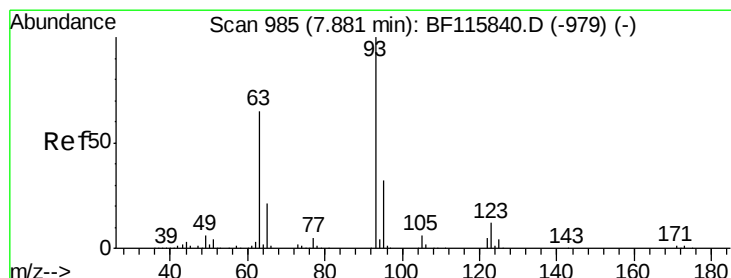
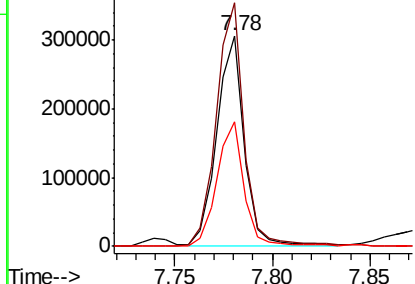
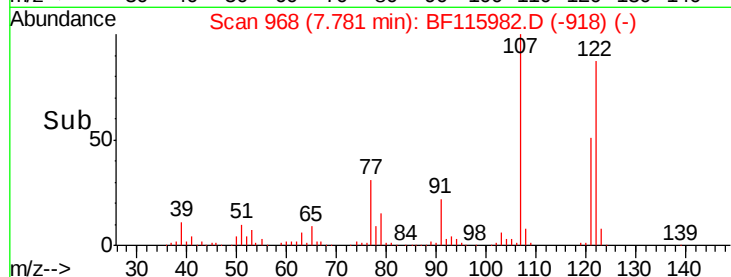
#27
 2,4-Dimethylphenol
 Concen: 42.442 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

Tgt Ion:122 Resp: 299450
 Ion Ratio Lower Upper
 122 100
 107 115.6 91.7 137.5
 121 59.3 46.6 70.0

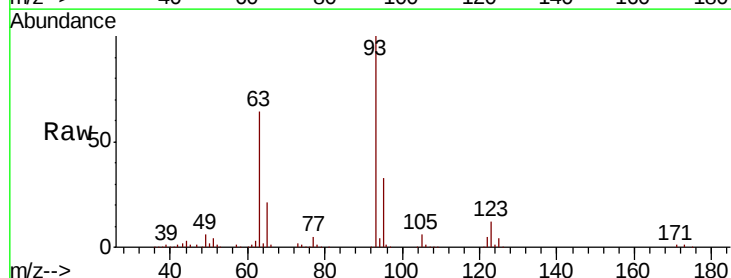


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

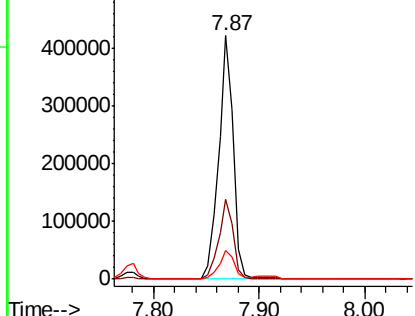
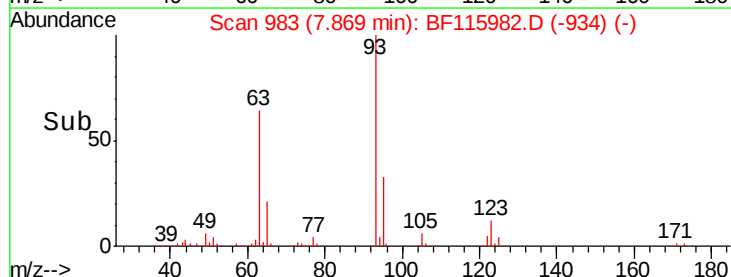


#28
 bis(2-Chloroethoxy)methane
 Concen: 37.987 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion: 93 Resp: 414814
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.0 39.0
 123 11.5 9.5 14.3



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

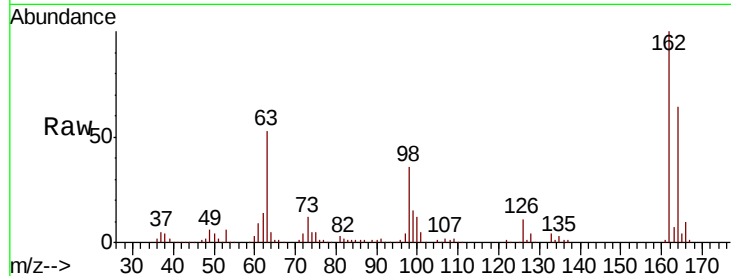




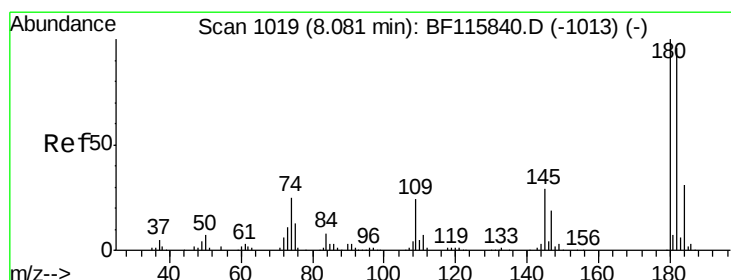
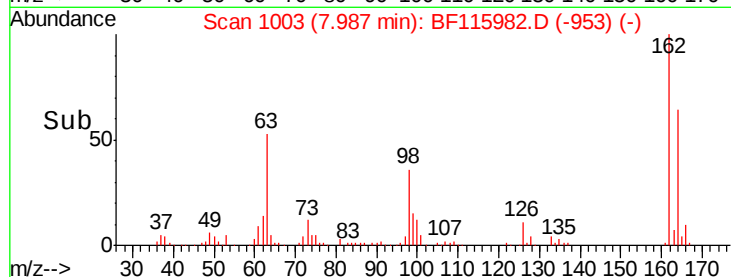
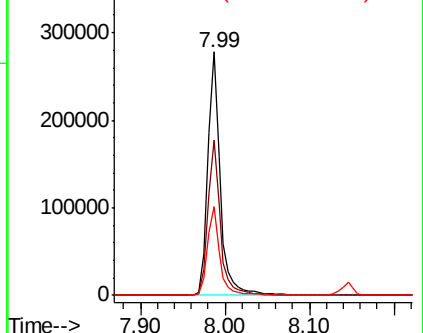
#29
 2,4-Dichlorophenol
 Concen: 38.682 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.2	83.2
98	36.2	17.3	57.3

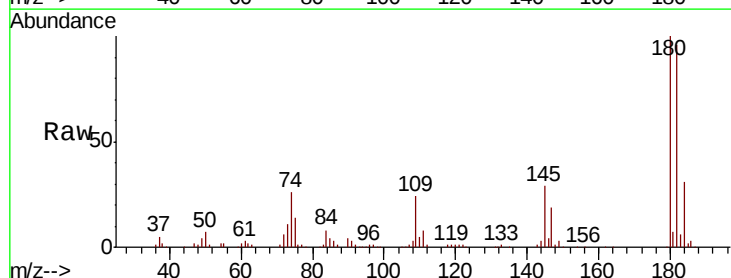


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

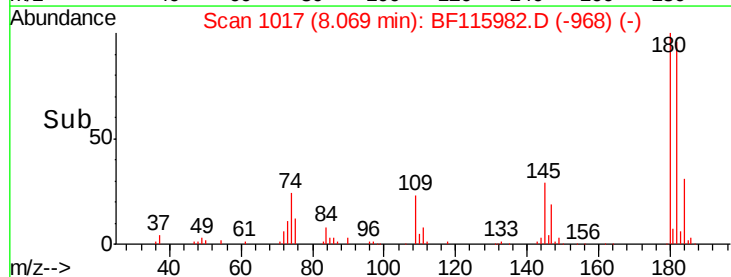
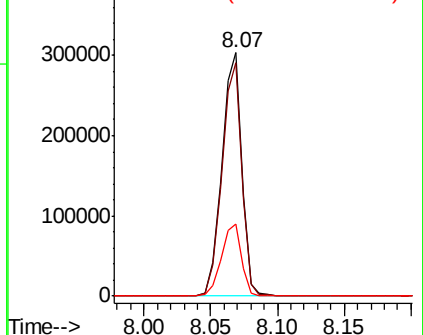


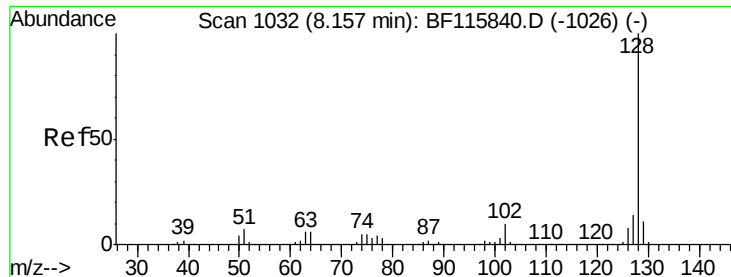
#30
 1,2,4-Trichlorobenzene
 Concen: 37.719 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.6	114.8
145	29.4	23.2	34.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

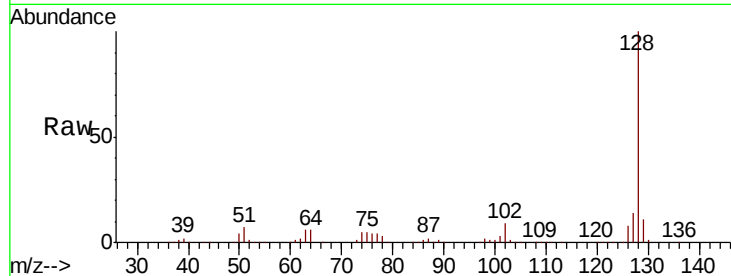




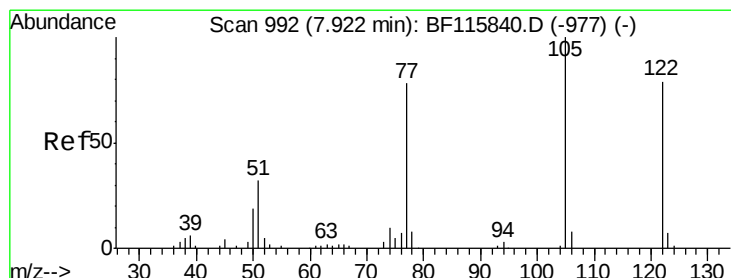
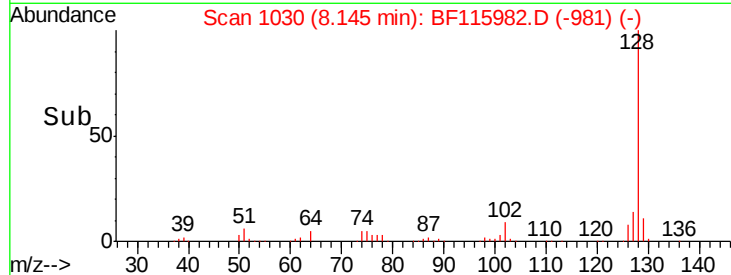
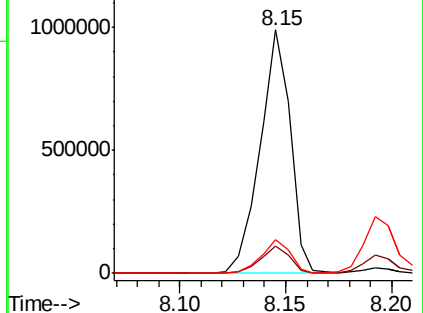
#31
Naphthalene
Concen: 39.434 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

Tgt Ion:128 Resp: 986929
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.7 11.0 16.4

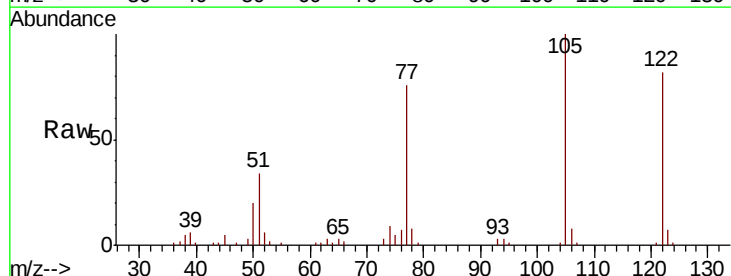


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

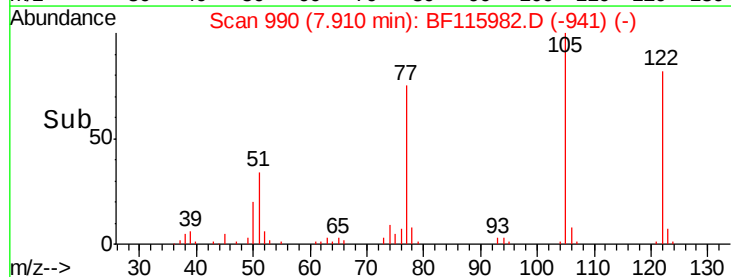
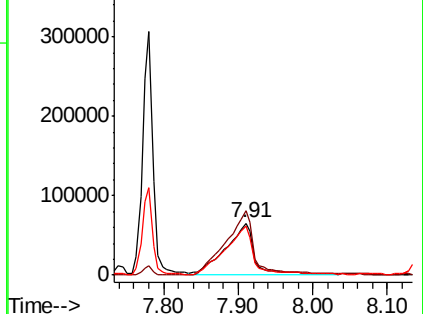


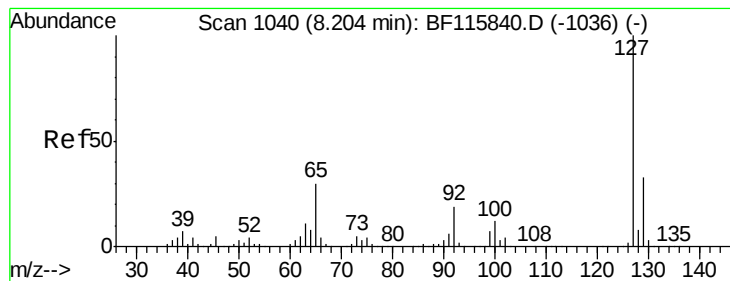
#32
Benzoic acid
Concen: 34.234 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion:122 Resp: 170289
Ion Ratio Lower Upper
122 100
105 122.5 103.1 143.1
77 93.3 76.8 116.8



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: 24.158 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

ClientSampleId :

PB121965BS

Tgt Ion:127 Resp: 270144

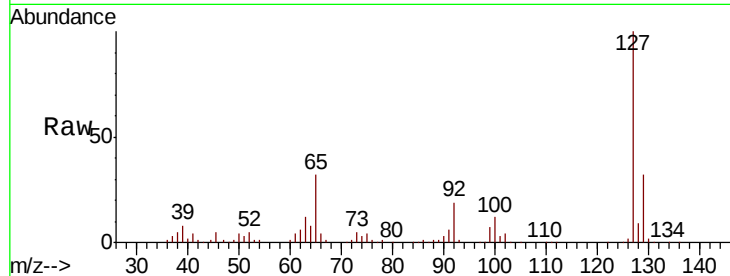
Ion Ratio Lower Upper

127 100

129 31.7 26.0 39.0

65 32.0 23.9 35.9

92 19.4 14.9 22.3

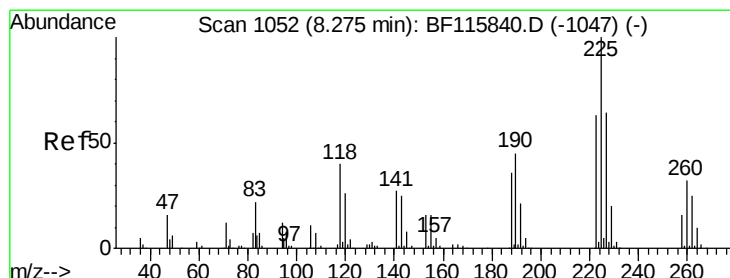
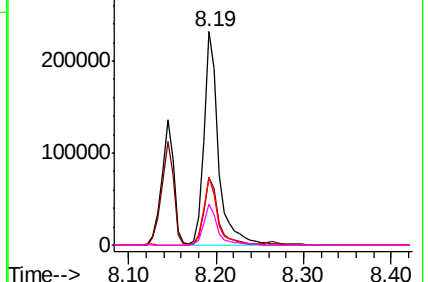
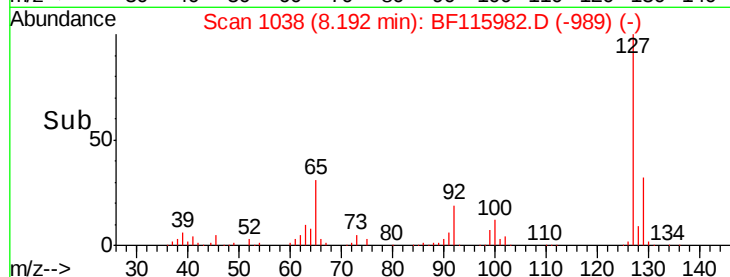


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 36.583 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

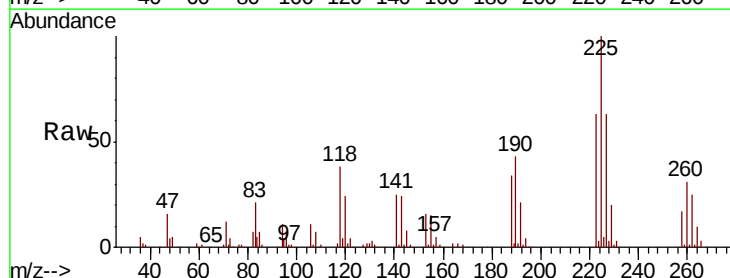
Tgt Ion:225 Resp: 178936

Ion Ratio Lower Upper

225 100

223 63.5 50.4 75.6

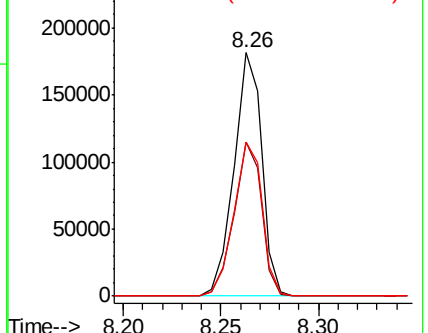
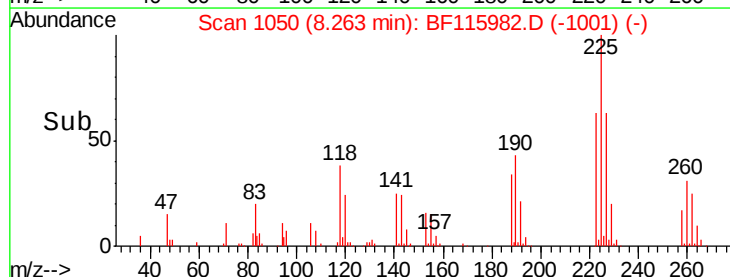
227 63.1 51.6 77.4



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

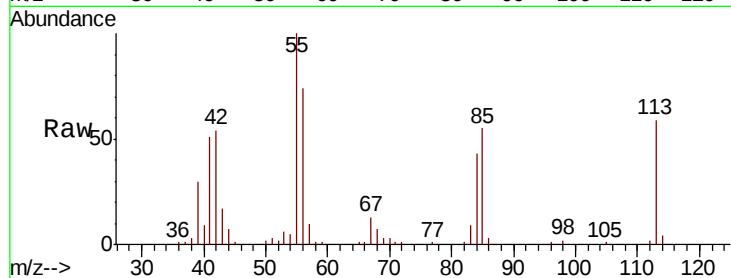




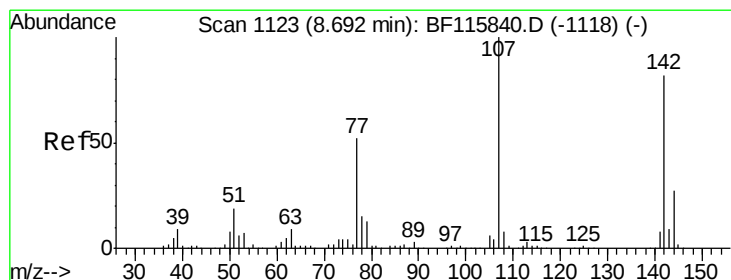
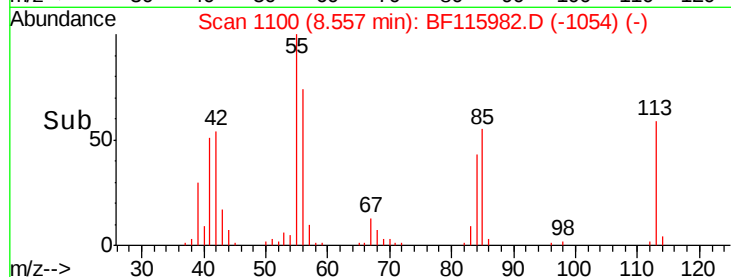
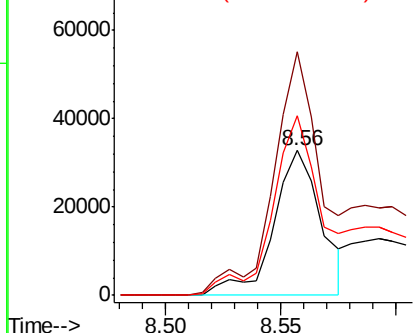
#35
 Caprolactam
 Concen: 19.446 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.03 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

Tgt Ion:113 Resp: 46854
 Ion Ratio Lower Upper
 113 100
 55 168.4 138.1 178.1
 56 124.4 100.6 140.6

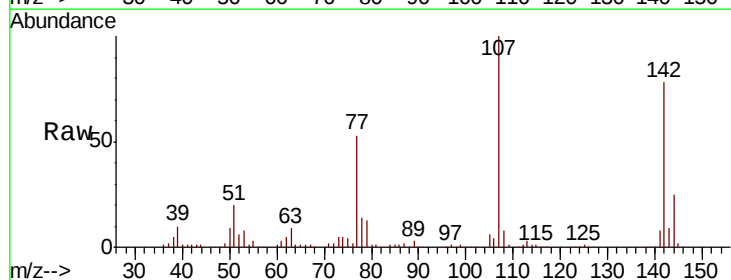


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

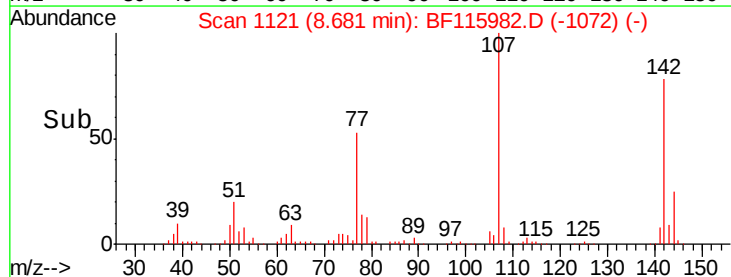
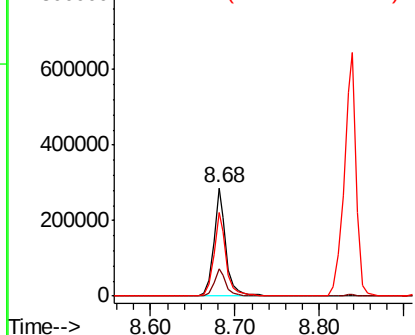


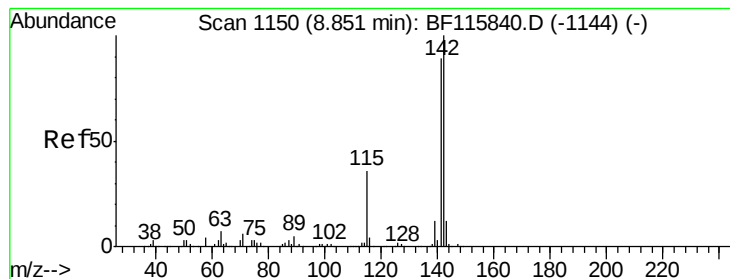
#36
 4-Chloro-3-methylphenol
 Concen: 38.182 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion:107 Resp: 295914
 Ion Ratio Lower Upper
 107 100
 144 24.7 21.4 32.0
 142 77.9 65.5 98.3



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: 39.554 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

ClientSampleId :

PB121965BS

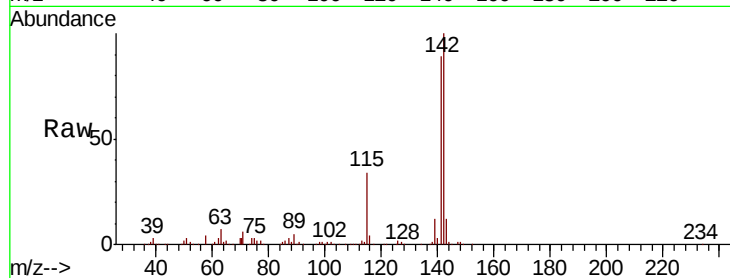
Tgt Ion:142 Resp: 651959

Ion Ratio Lower Upper

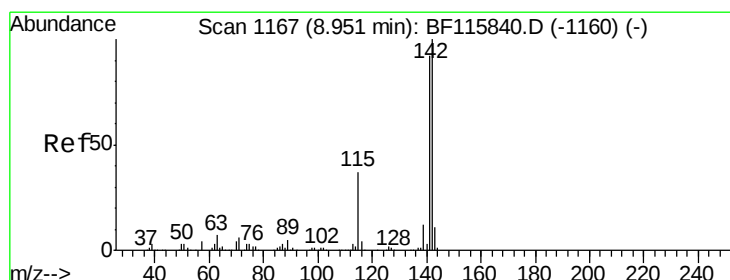
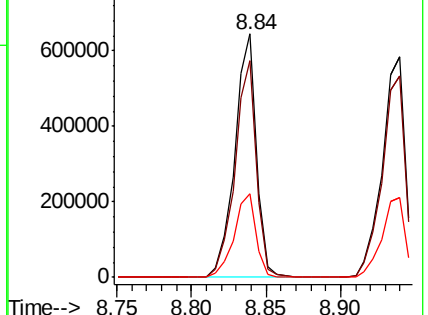
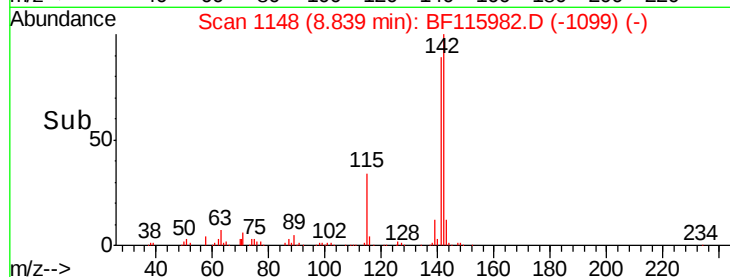
142 100

141 88.9 71.4 107.2

115 34.2 28.9 43.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.456 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

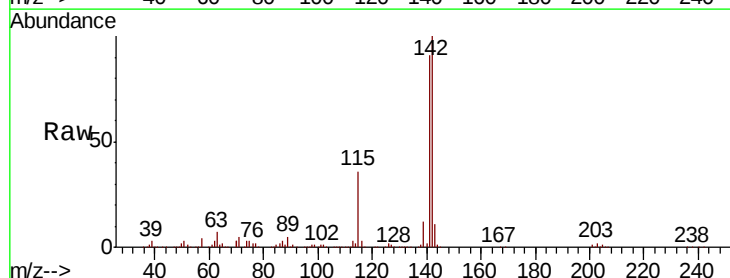
Tgt Ion:142 Resp: 615248

Ion Ratio Lower Upper

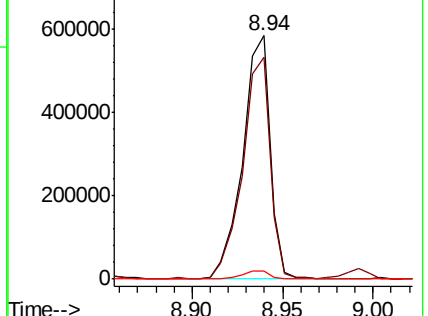
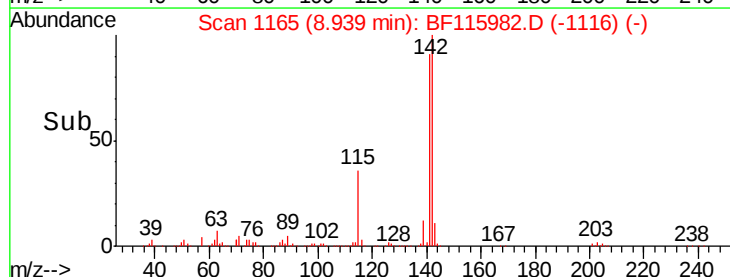
142 100

141 90.9 73.8 110.6

116 3.5 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

ClientSampleId :

PB121965BS

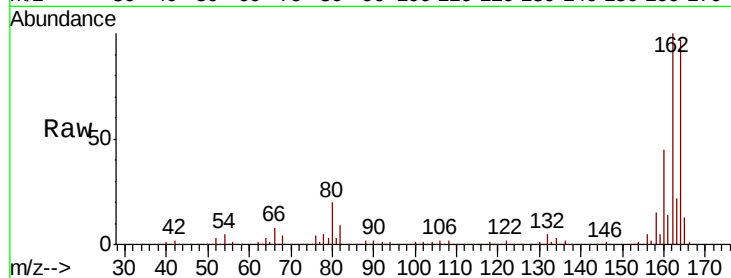
Tgt Ion:164 Resp: 275113

Ion Ratio Lower Upper

164 100

162 102.7 80.8 121.2

160 46.5 36.2 54.4

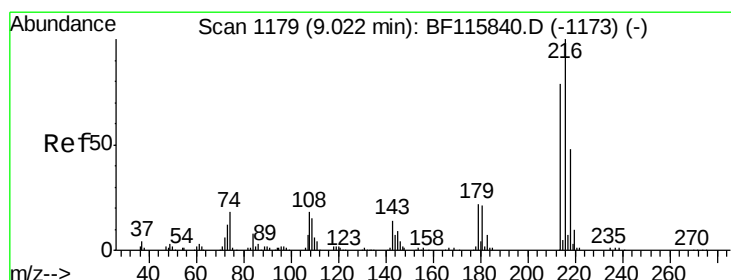
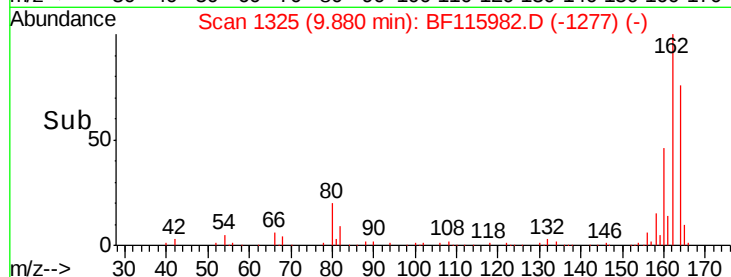
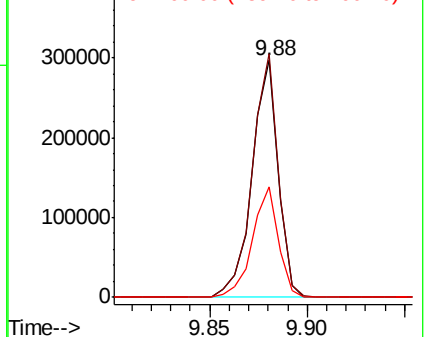


Abundance

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: 40.421 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Tgt Ion:216 Resp: 297289

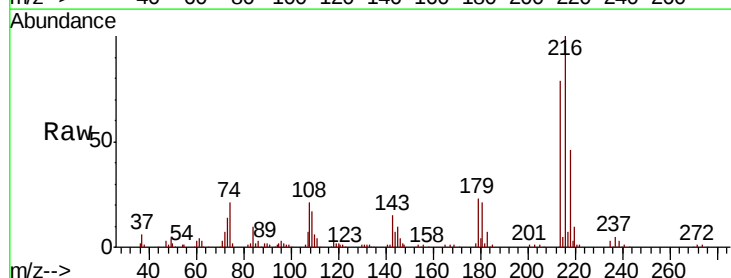
Ion Ratio Lower Upper

216 100

214 78.8 62.8 94.2

179 22.0 17.6 26.4

108 21.2 16.1 24.1



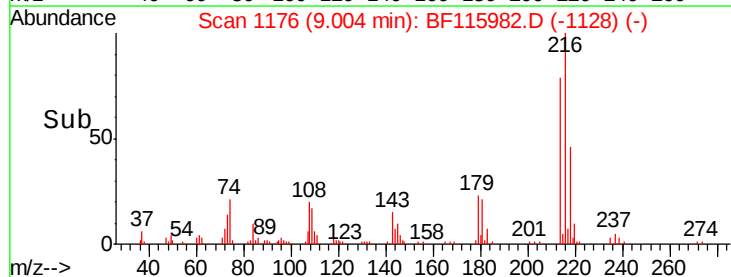
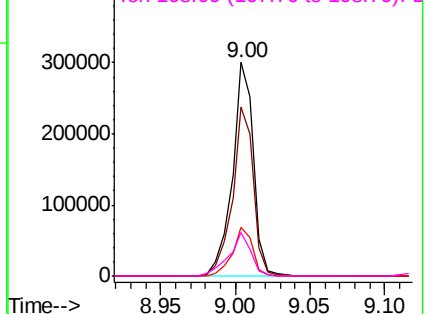
Abundance

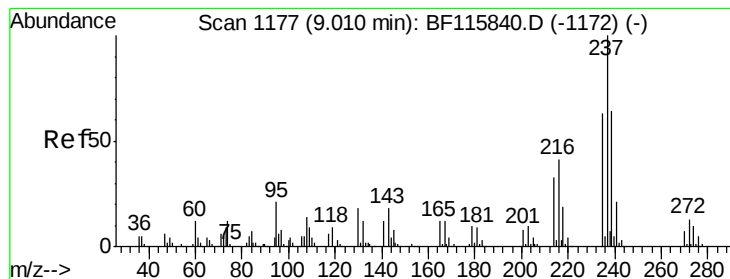
Ion 216.00 (215.70 to 216.70): E

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: 53.704 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

ClientSampleId :

PB121965BS

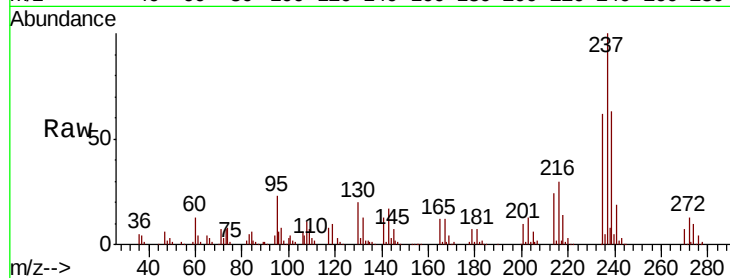
Tgt Ion: 237 Resp: 170380

Ion Ratio Lower Upper

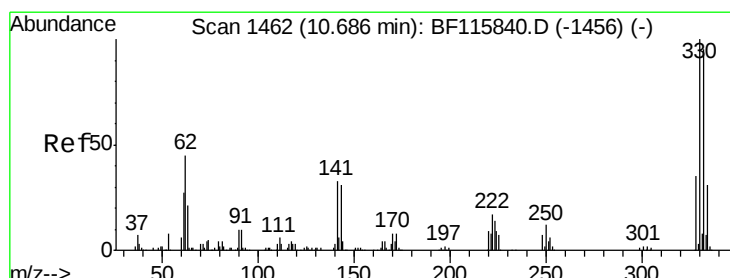
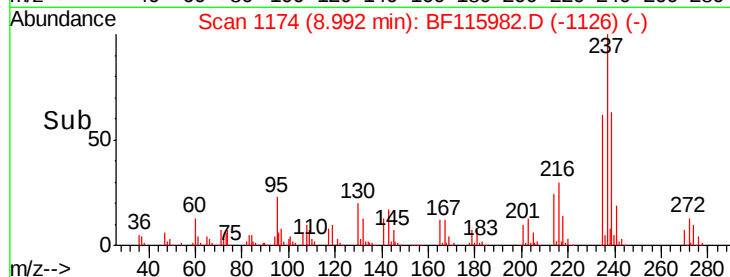
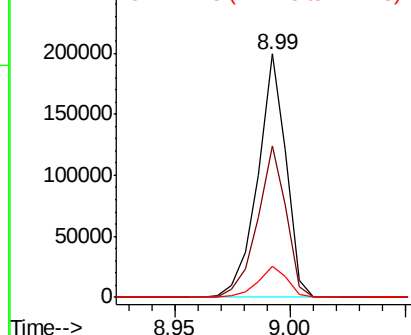
237 100

235 62.3 42.5 82.5

272 12.9 0.0 33.3



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: 103.821 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

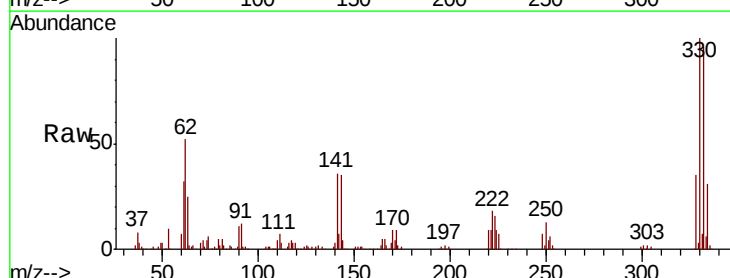
Tgt Ion: 330 Resp: 276921

Ion Ratio Lower Upper

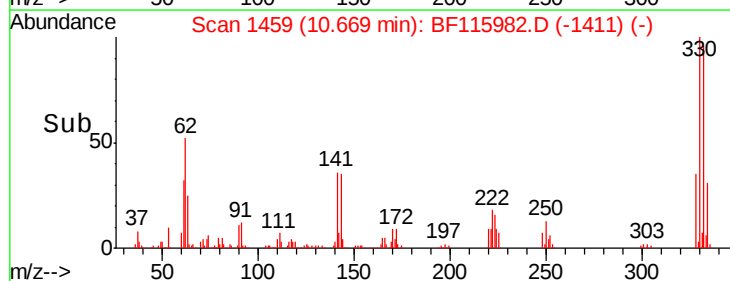
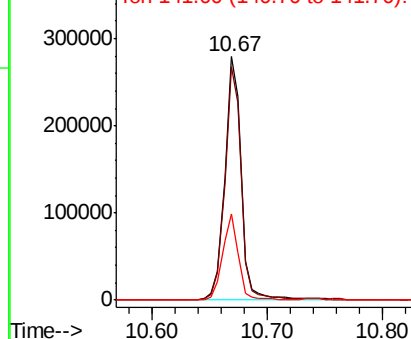
330 100

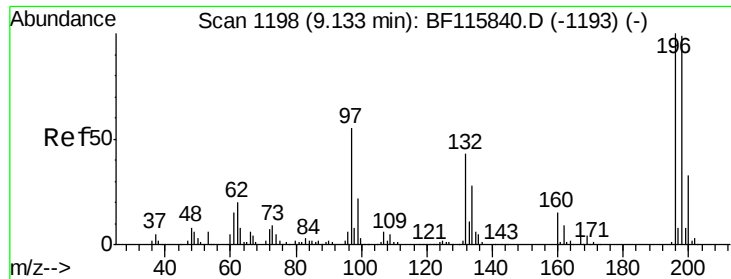
332 96.0 77.7 116.5

141 34.2 28.1 42.1



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

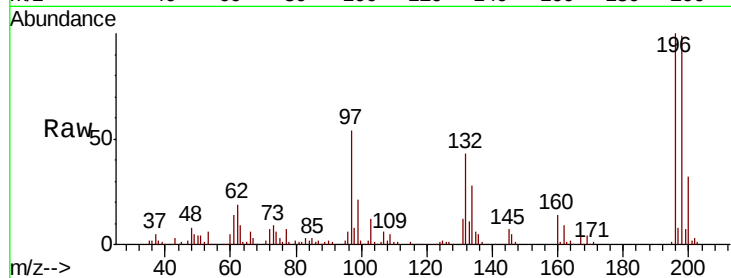




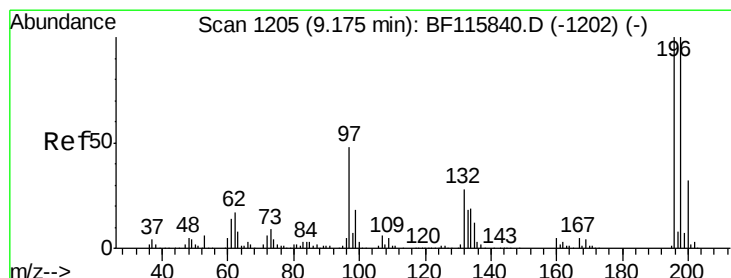
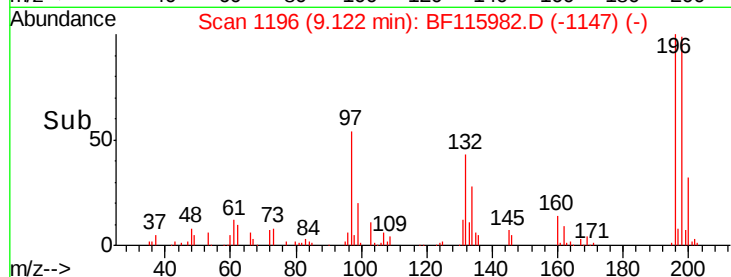
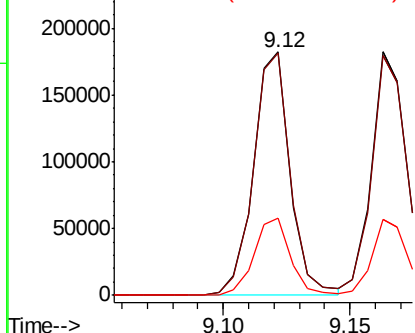
#43
 2,4,6-Trichlorophenol
 Concen: 36.430 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Instrument :
 BNA_F
 ClientSampleID :
 PB121965BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.4	79.1	118.7
200	32.0	26.0	39.0



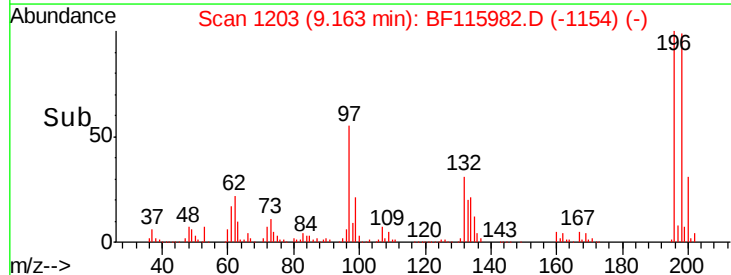
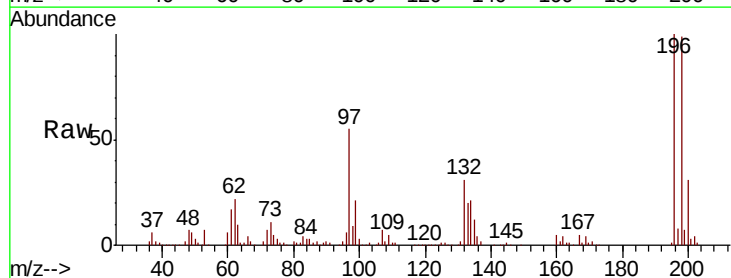
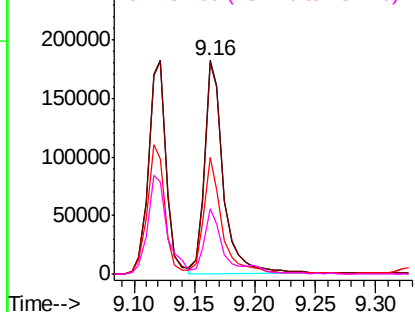
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

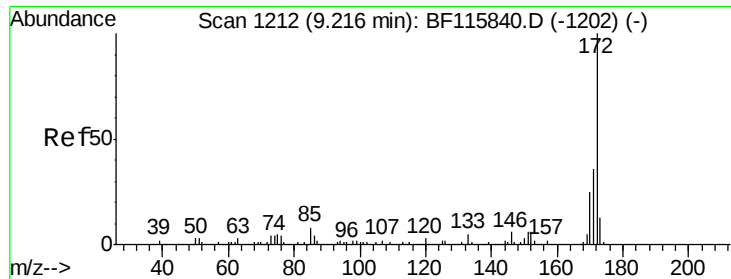


#44
 2,4,5-Trichlorophenol
 Concen: 37.685 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.8	80.1	120.1
97	54.7	38.9	58.3
132	30.5	22.6	33.8

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

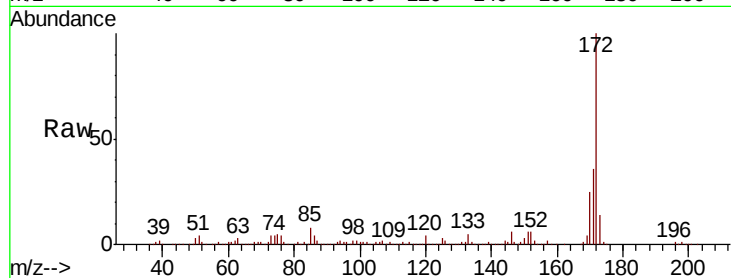




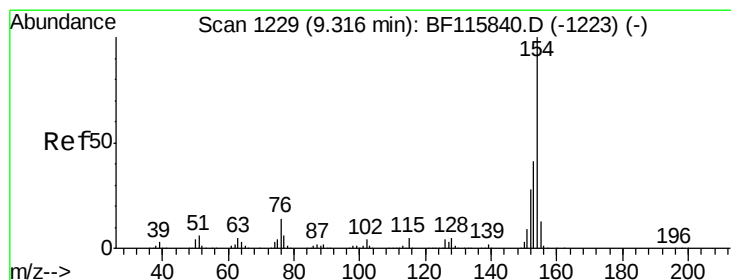
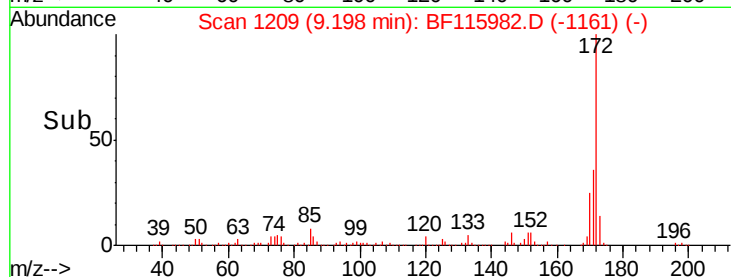
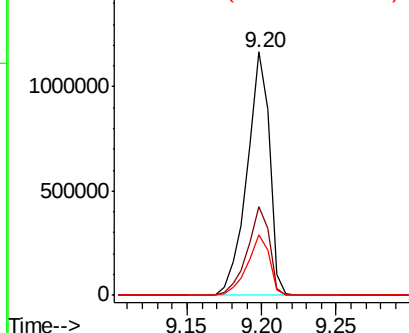
#45
2-Fluorobiphenyl
Concen: 82.392 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

Tgt Ion:172 Resp: 1210153
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 25.0 20.1 30.1

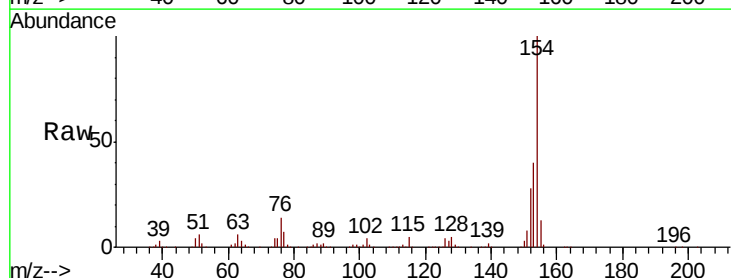


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

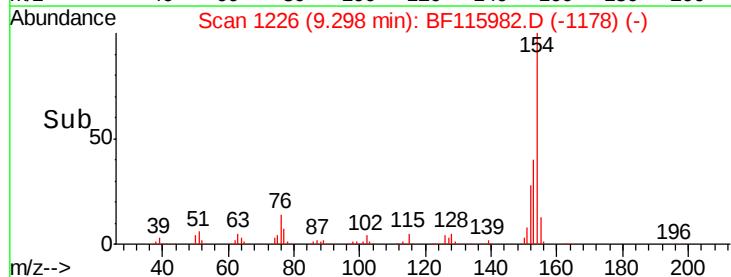
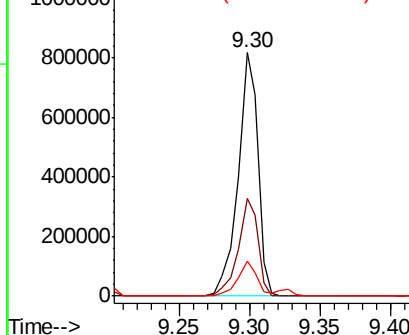


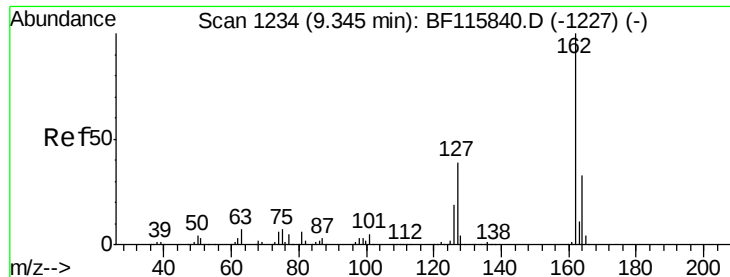
#46
1,1'-Biphenyl
Concen: 41.102 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion:154 Resp: 798318
Ion Ratio Lower Upper
154 100
153 40.0 20.9 60.9
76 14.3 0.0 34.3



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

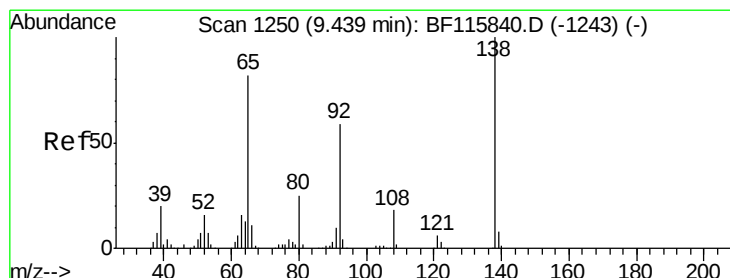
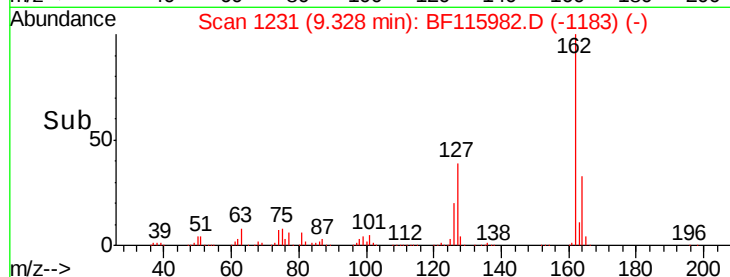
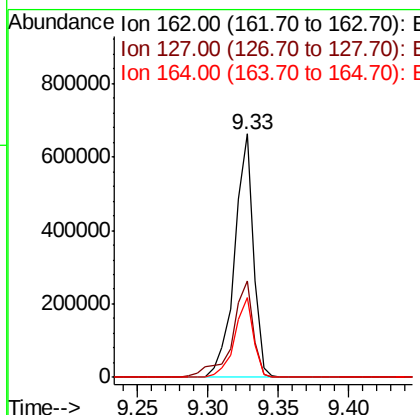
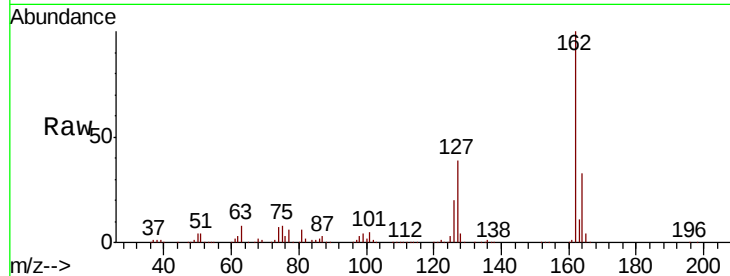




#47
 2-Chloronaphthalene
 Concen: 38.010 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

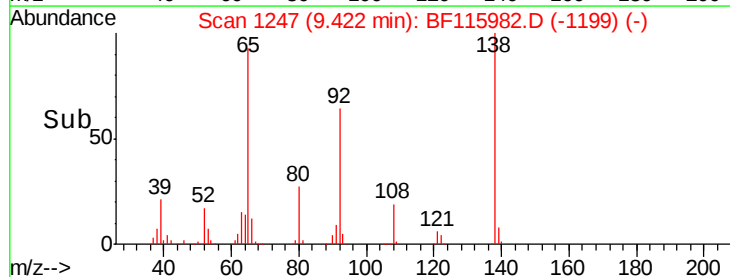
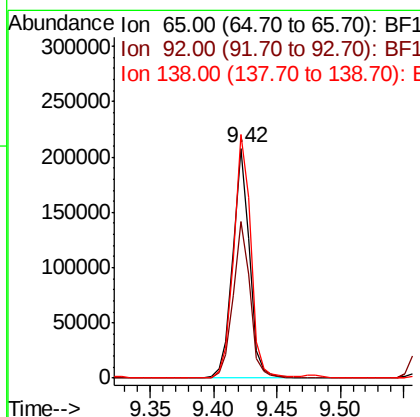
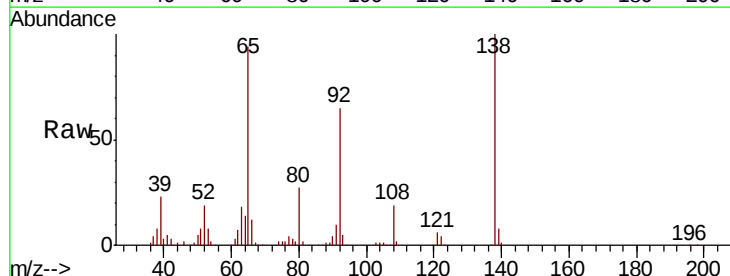
Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

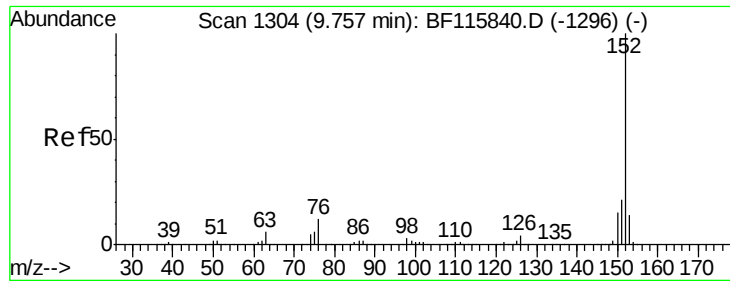
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.3	46.9
164	32.9	26.6	40.0



#48
 2-Nitroaniline
 Concen: 35.152 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	57.1	85.7
138	105.9	97.1	145.7





#49

Acenaphthylene

Concen: 39.628 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

ClientSampleId :

PB121965BS

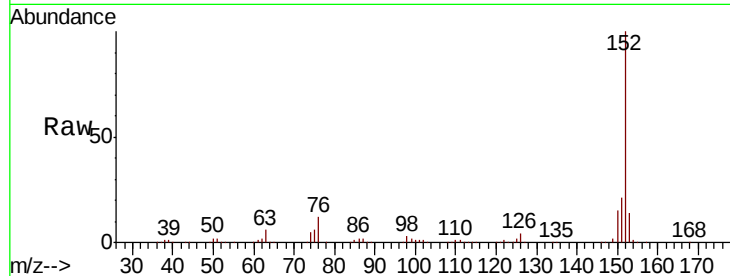
Tgt Ion:152 Resp: 934598

Ion Ratio Lower Upper

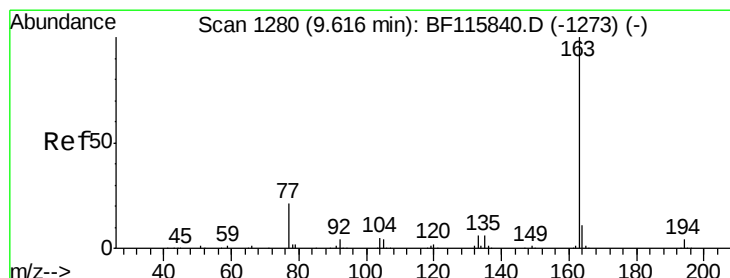
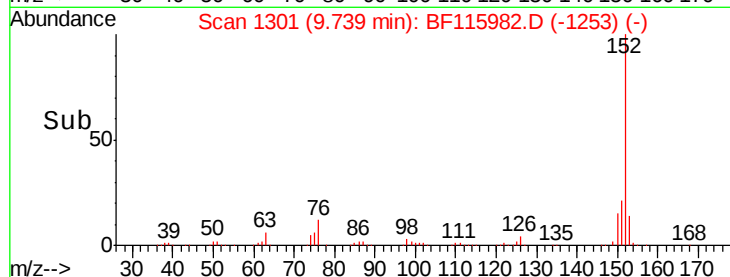
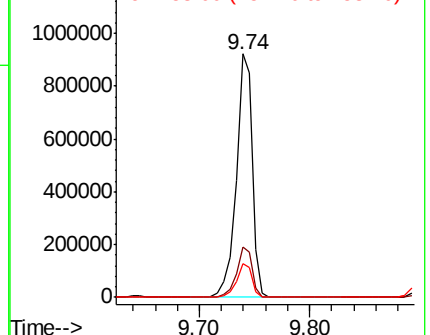
152 100

151 20.7 16.8 25.2

153 14.1 11.6 17.4



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: 37.784 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

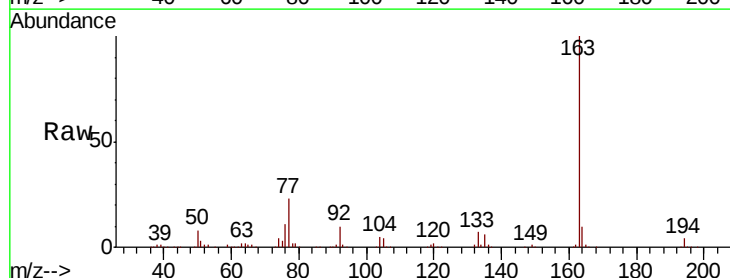
Tgt Ion:163 Resp: 707777

Ion Ratio Lower Upper

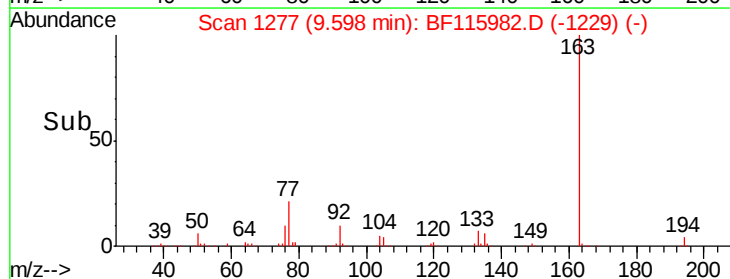
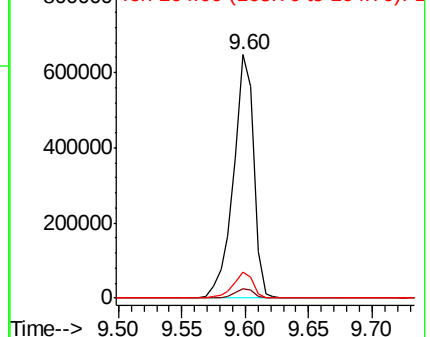
163 100

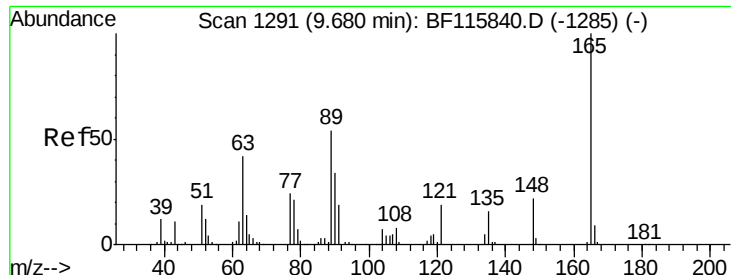
194 3.7 3.0 4.6

164 10.4 8.4 12.6



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

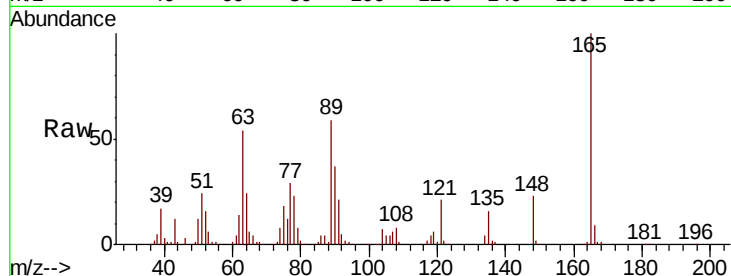




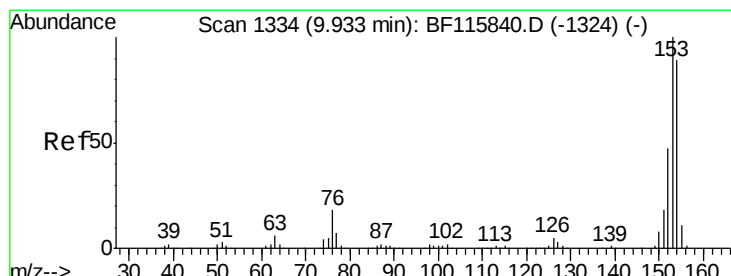
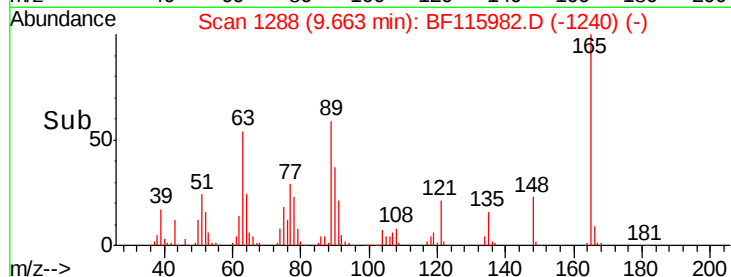
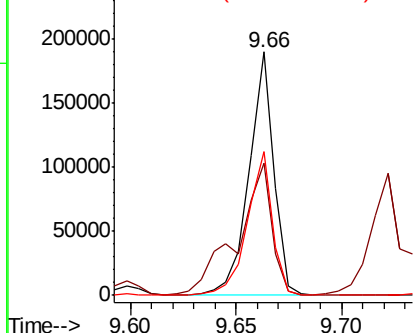
#51
 2,6-Dinitrotoluene
 Concen: 38.294 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

Tgt Ion:165 Resp: 155886
 Ion Ratio Lower Upper
 165 100
 63 54.2 39.4 59.2
 89 59.2 43.0 64.6

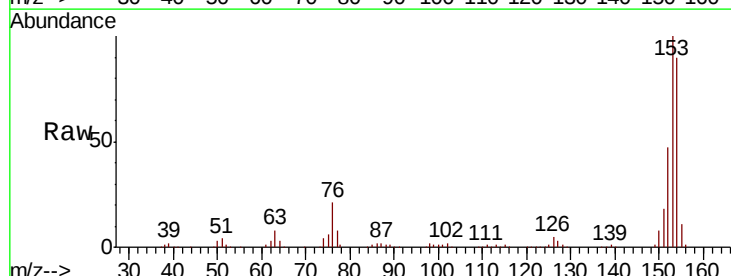


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

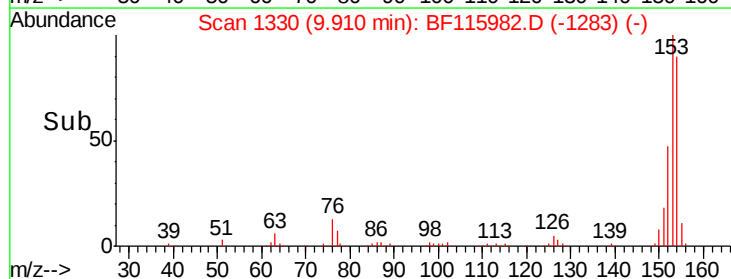
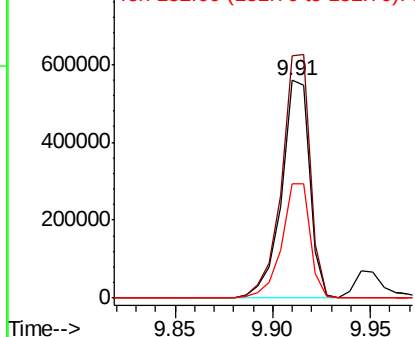


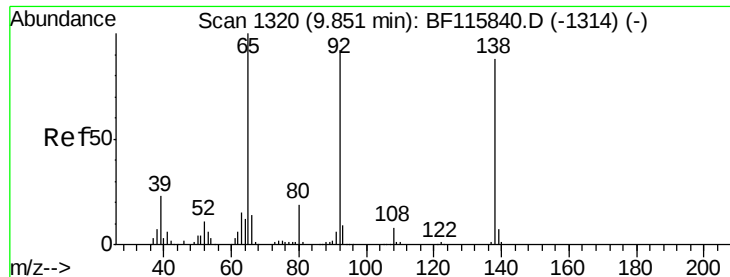
#52
 Acenaphthene
 Concen: 38.763 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion:154 Resp: 560842
 Ion Ratio Lower Upper
 154 100
 153 111.3 90.1 135.1
 152 52.5 42.6 63.8



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

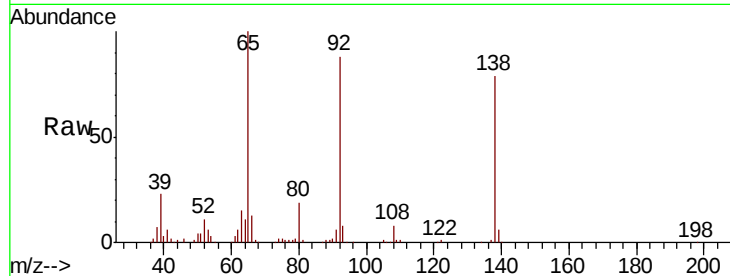




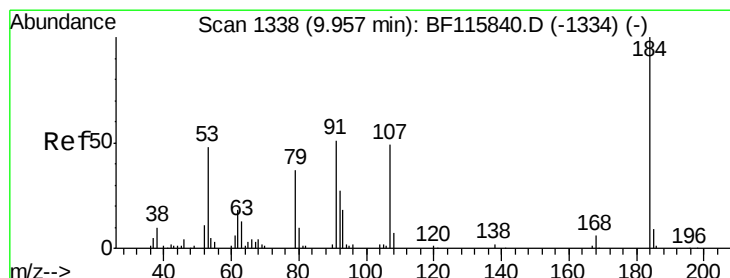
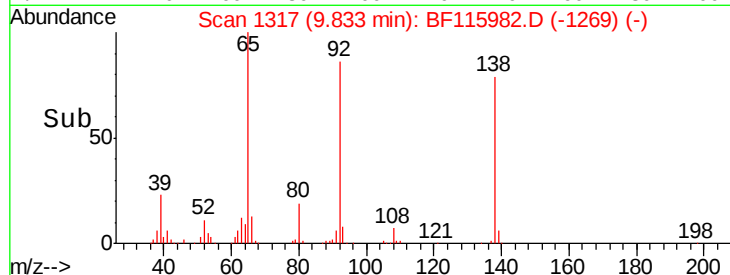
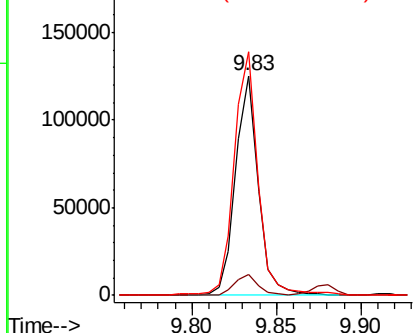
#53
 3-Nitroaniline
 Concen: 23.367 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

Tgt Ion:138 Resp: 117538
 Ion Ratio Lower Upper
 138 100
 108 9.7 7.4 11.2
 92 111.0 83.9 125.9

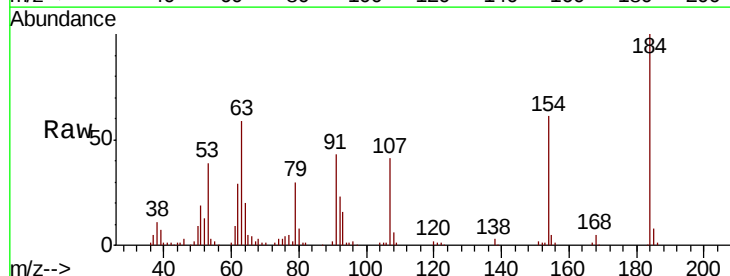


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

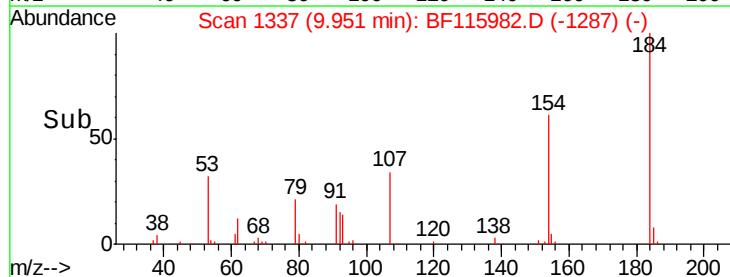
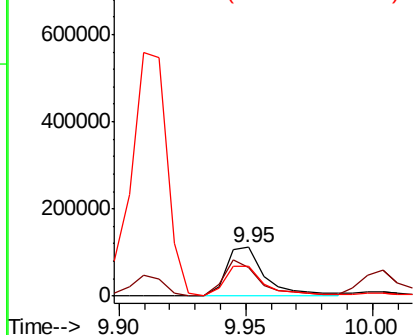


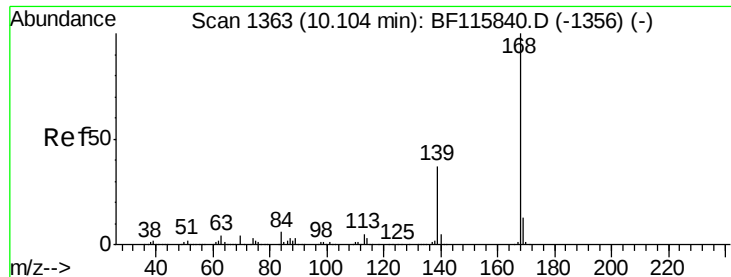
#54
 2,4-Dinitrophenol
 Concen: 60.840 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion:184 Resp: 121674
 Ion Ratio Lower Upper
 184 100
 63 59.0 56.7 85.1
 154 61.1 51.9 77.9



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

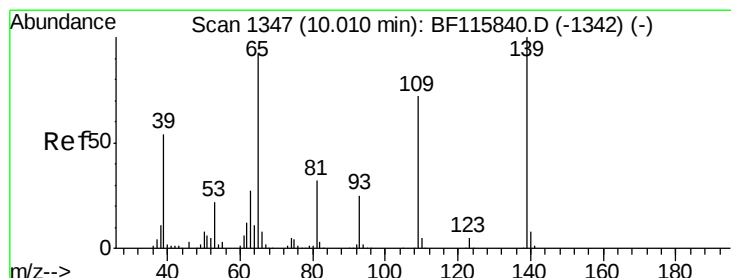
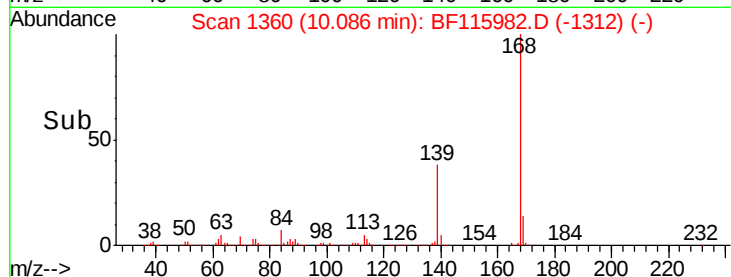
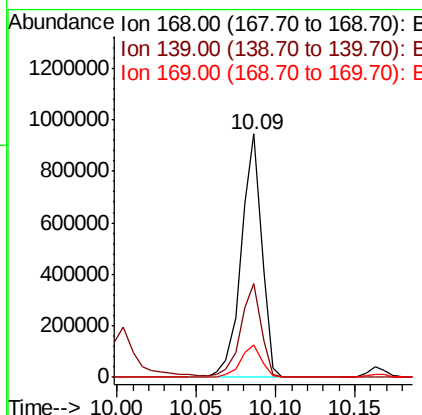
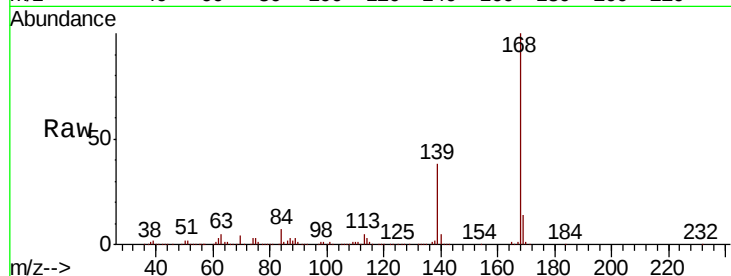




#55
Dibenzofuran
Concen: 40.089 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

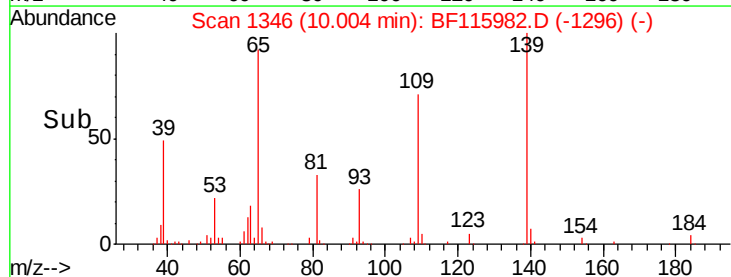
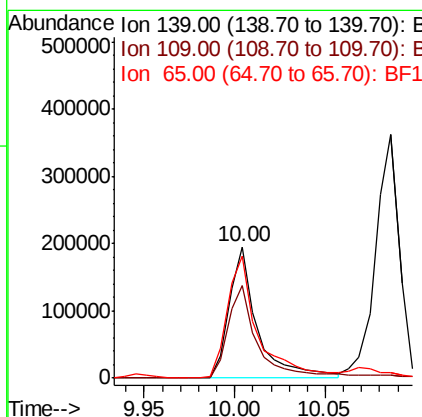
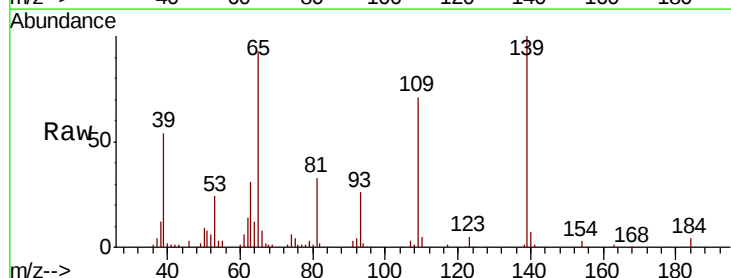
Instrument :
BNA_F
ClientSampleId :
PB121965BS

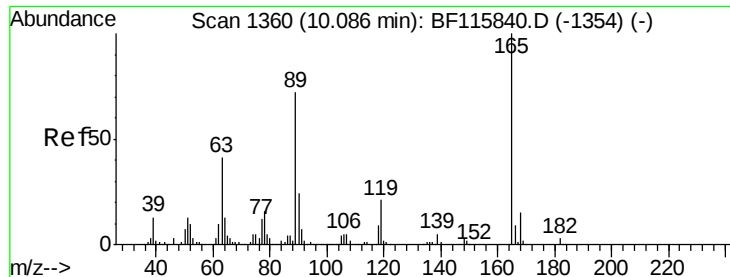
Tgt Ion:168 Resp: 843507
Ion Ratio Lower Upper
168 100
139 38.3 30.2 45.2
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 65.845 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion:139 Resp: 212168
Ion Ratio Lower Upper
139 100
109 70.9 52.0 92.0
65 93.2 72.6 112.6

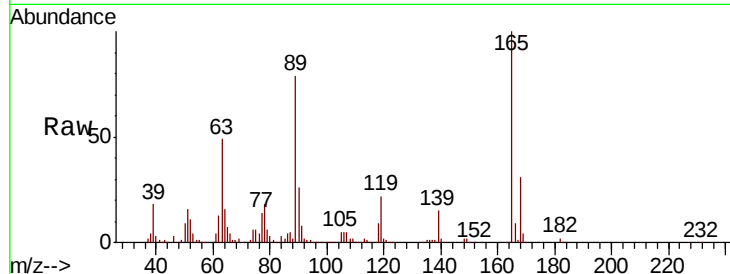




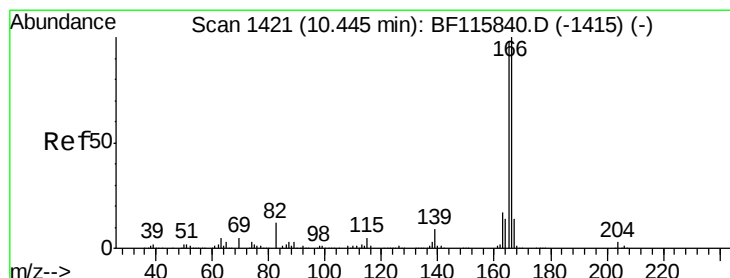
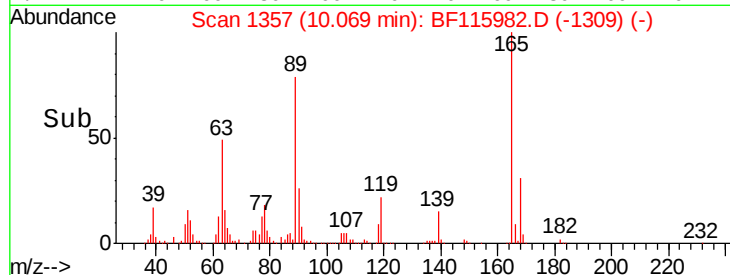
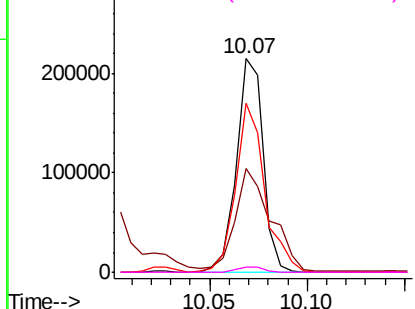
#57
2,4-Dinitrotoluene
Concen: 37.617 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.6	33.2	49.8
89	79.1	57.3	85.9
182	2.3	2.1	3.1

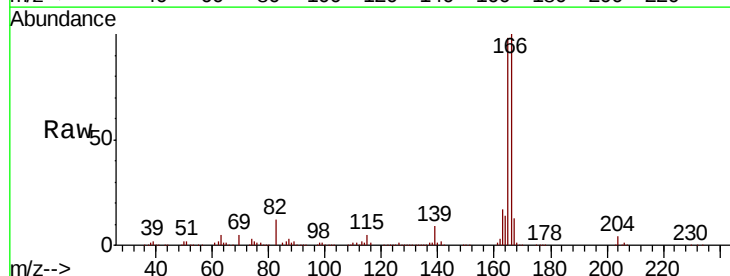


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

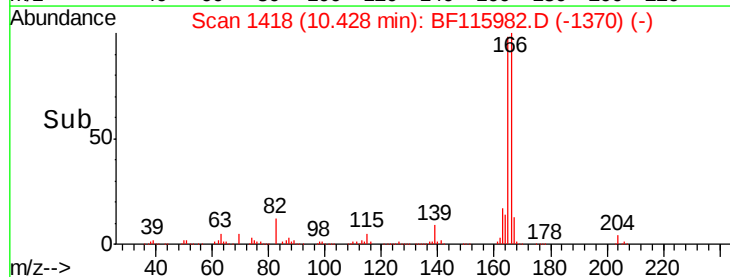
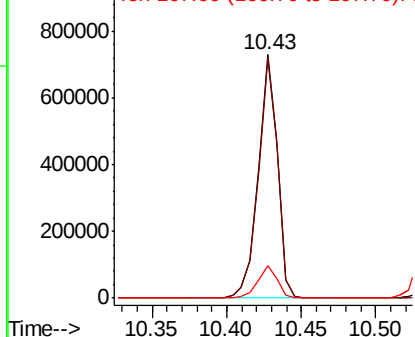


#58
Fluorene
Concen: 39.539 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.6	118.0
167	13.5	10.9	16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

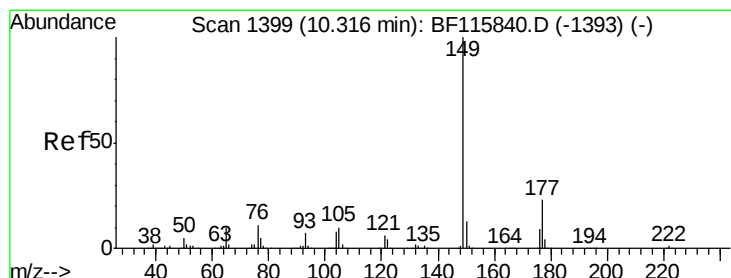
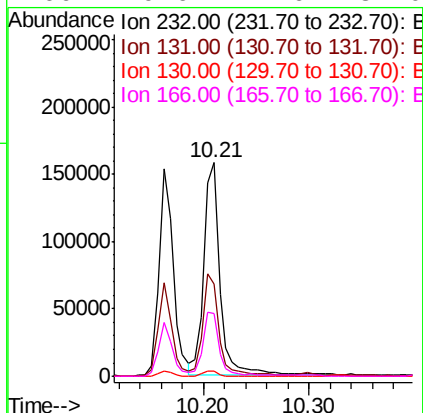
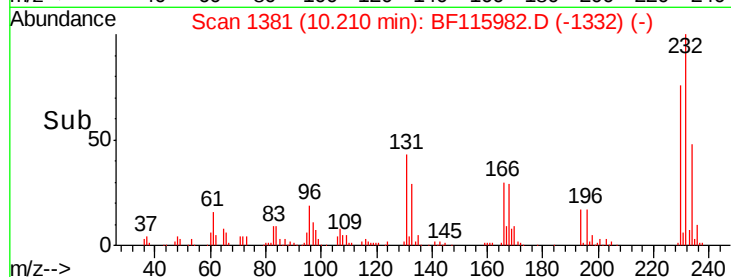
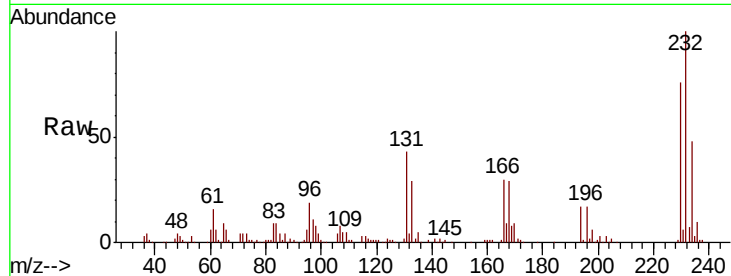




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.082 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

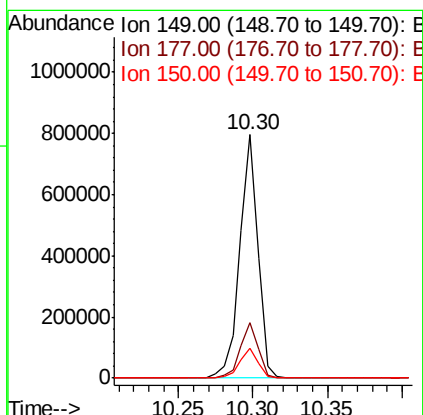
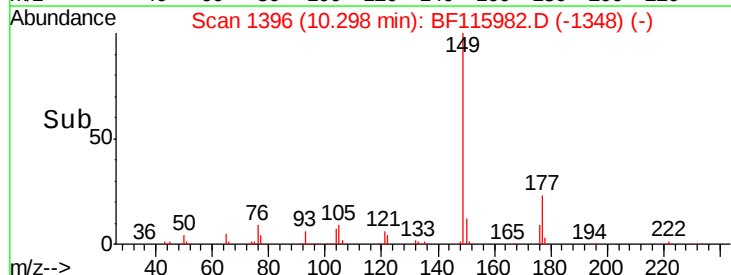
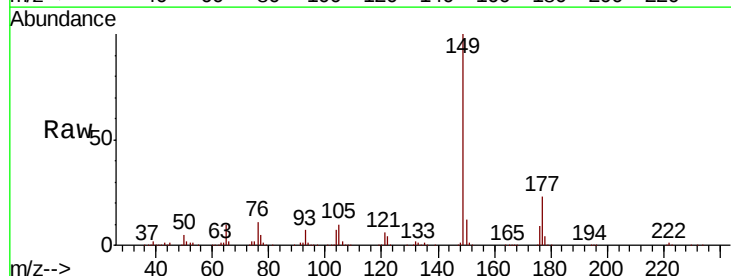
Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

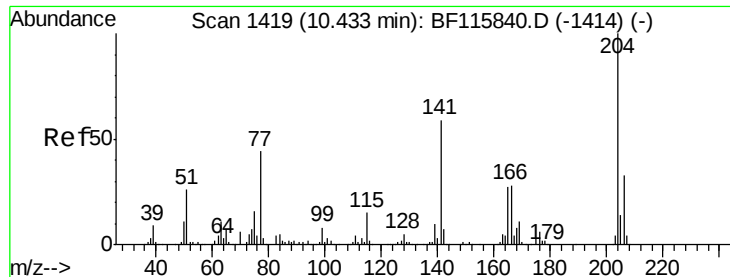
Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.1	37.6	56.4
130	2.4	1.8	2.8
166	29.6	24.6	37.0



#60
 Diethylphthalate
 Concen: 38.681 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.4	27.6
150	12.5	10.1	15.1

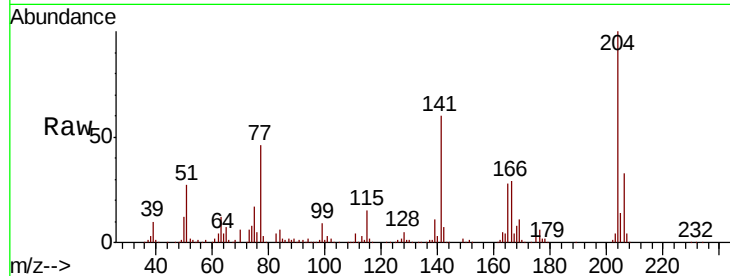




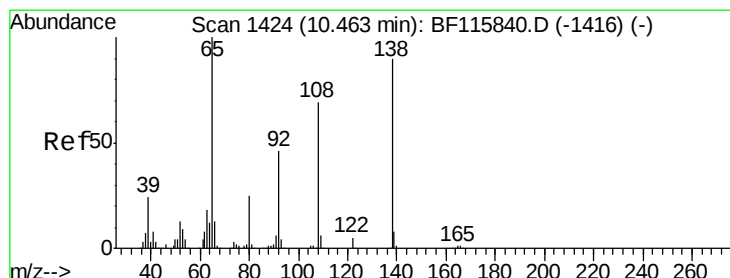
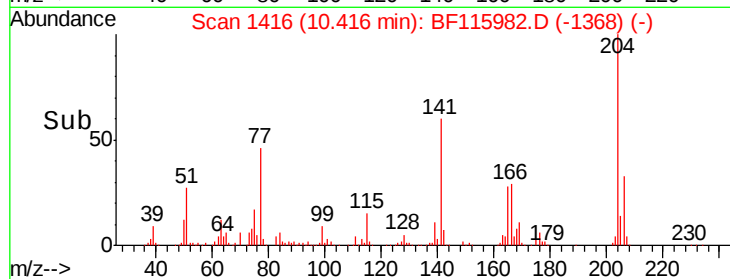
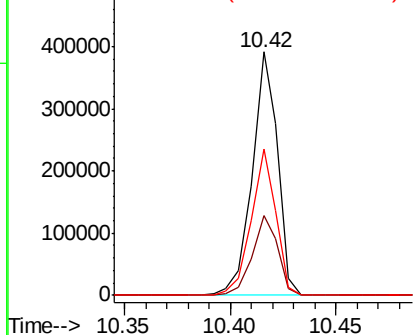
#61
 4-Chlorophenyl-phenylether
 Concen: 39.832 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

Tgt Ion:204 Resp: 326571
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.4 39.6
 141 60.2 47.0 70.4

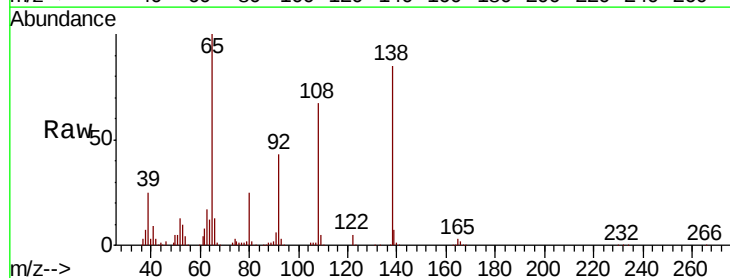


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

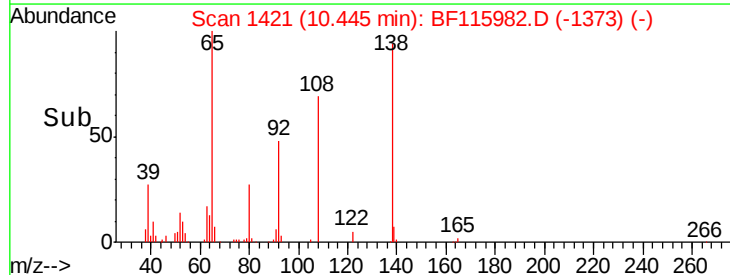
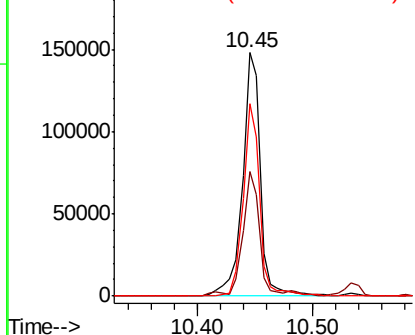


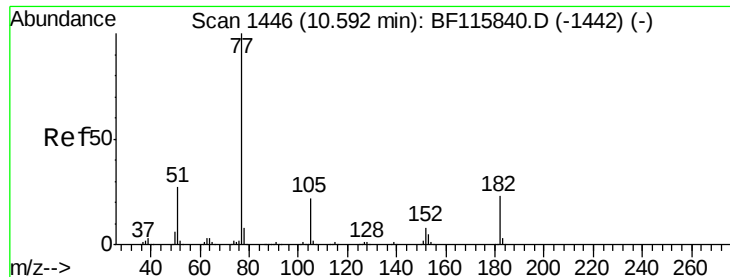
#62
 4-Nitroaniline
 Concen: 30.592 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion:138 Resp: 159022
 Ion Ratio Lower Upper
 138 100
 92 50.9 31.0 71.0
 108 78.8 56.7 96.7



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

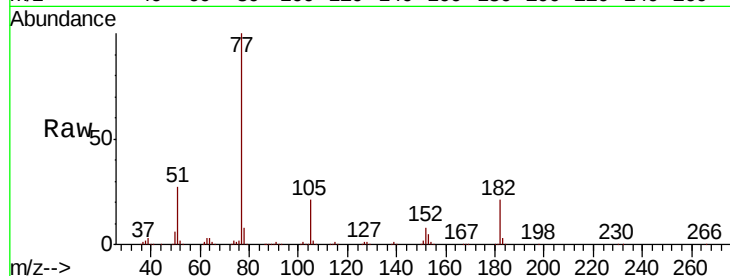




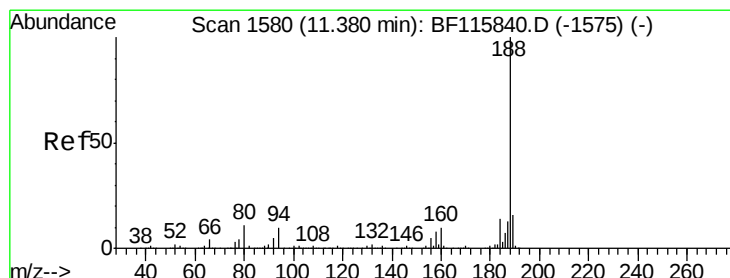
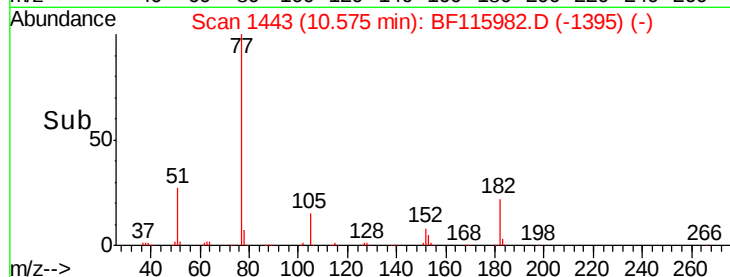
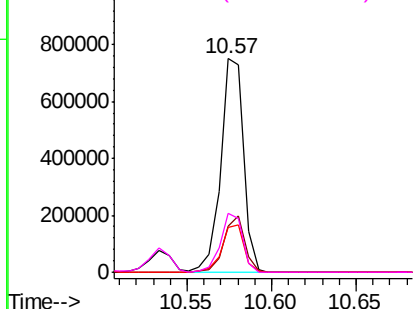
#63
Azobenzene
Concen: 39.175 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

Tgt Ion:	77	Resp:	704684
Ion	Ratio	Lower	Upper
77	100		
182	21.5	2.6	42.6
105	20.9	1.6	41.6
51	27.5	7.4	47.4

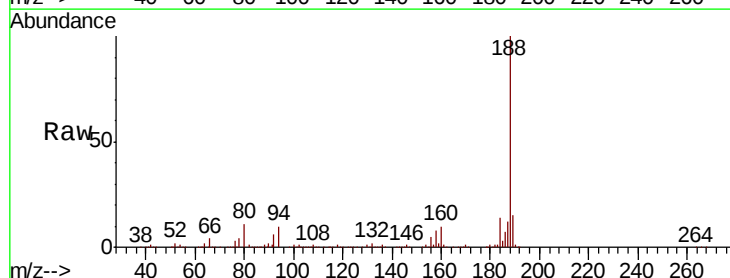


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

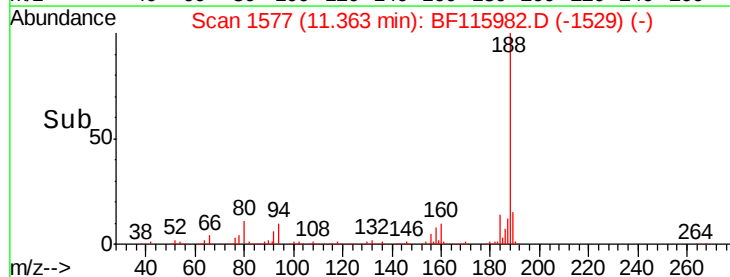
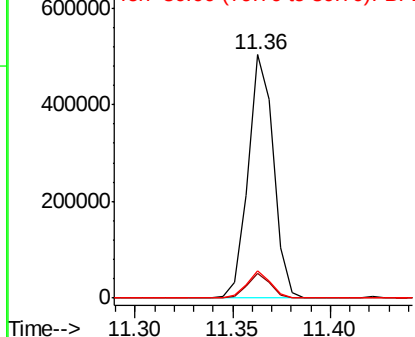


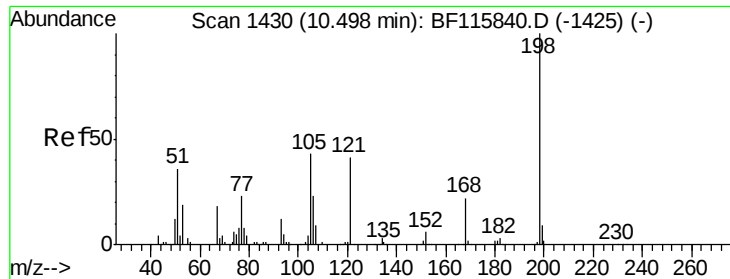
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion:	188	Resp:	452314
Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.0	12.0
80	11.2	8.6	12.8



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

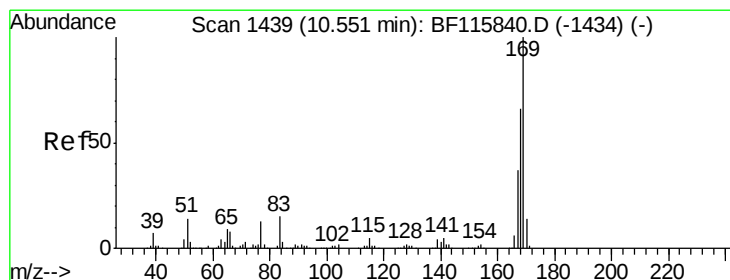
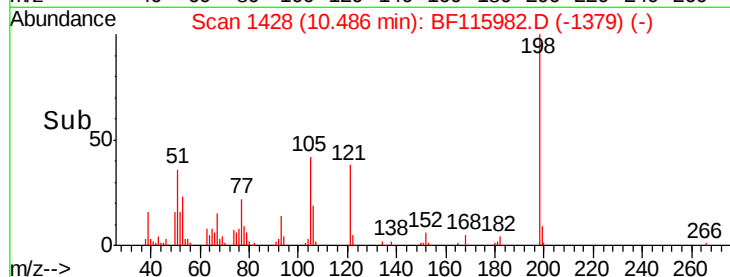
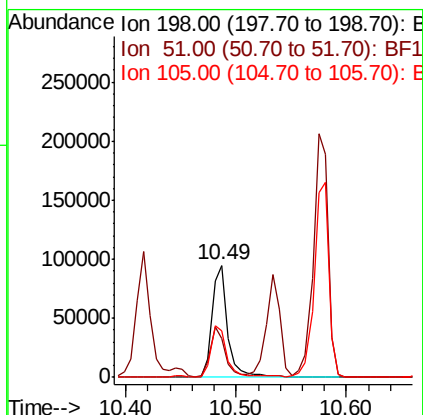
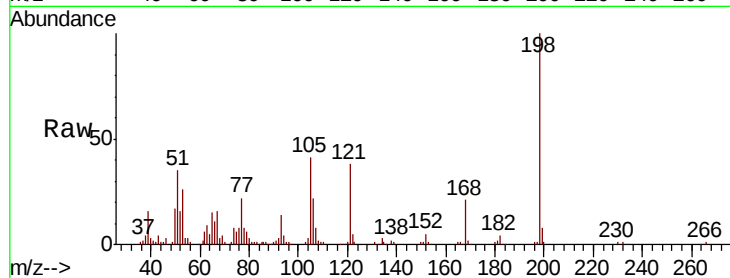




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.735 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

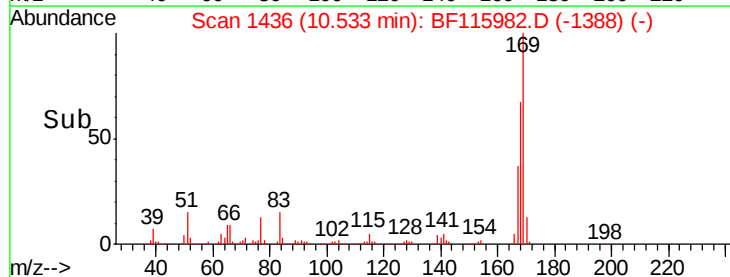
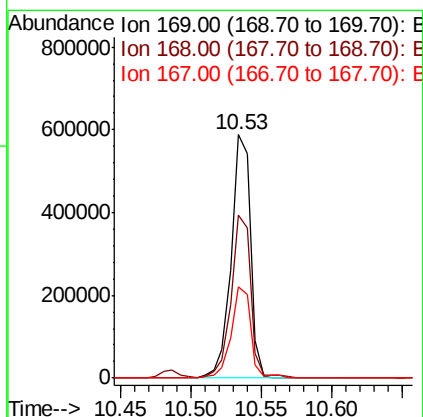
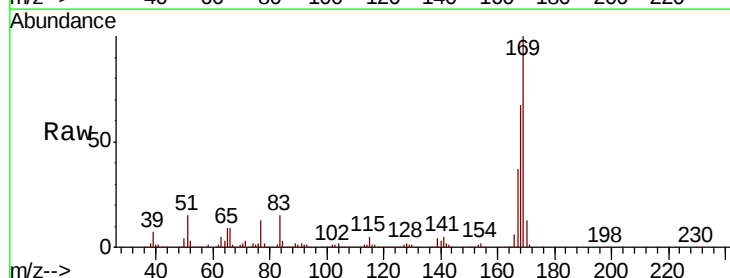
Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

Tgt Ion:198 Resp: 92846
 Ion Ratio Lower Upper
 198 100
 51 35.1 21.1 61.1
 105 41.2 24.5 64.5



#66
 n-Nitrosodiphenylamine
 Concen: 41.158 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion:169 Resp: 560328
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.0 79.6
 167 37.3 29.9 44.9

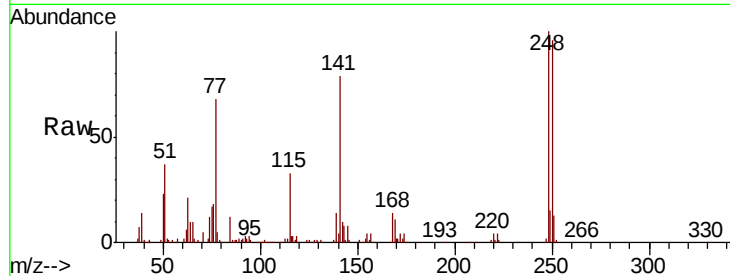




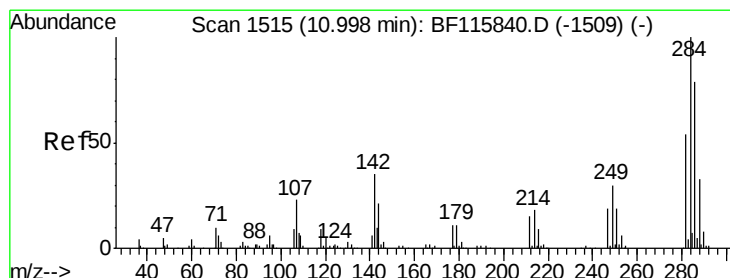
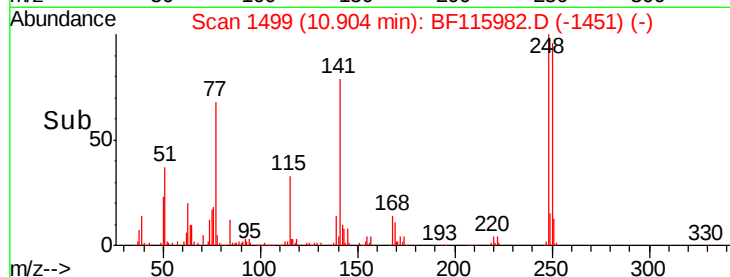
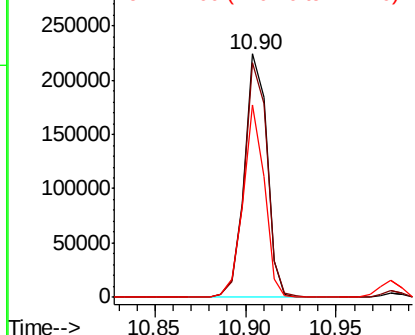
#67
 4-Bromophenyl-phenylether
 Concen: 40.260 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

Tgt Ion:248 Resp: 194938
 Ion Ratio Lower Upper
 248 100
 250 96.3 77.8 116.6
 141 79.0 64.3 96.5

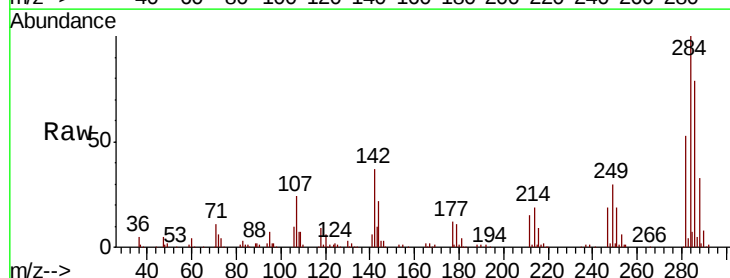


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

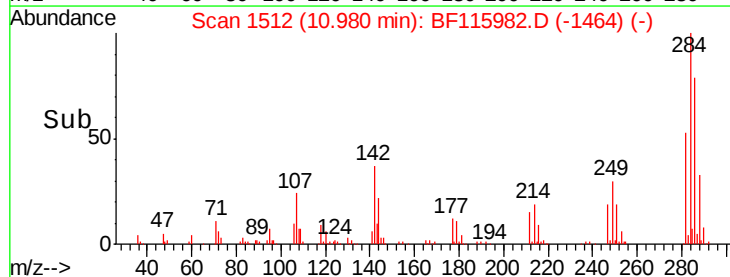
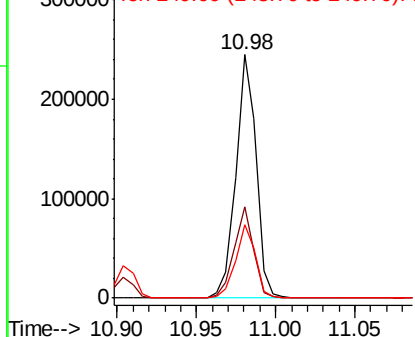


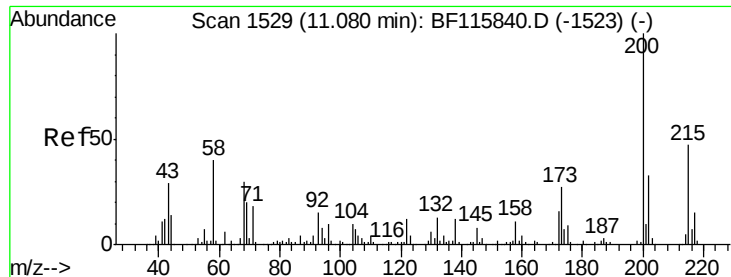
#68
 Hexachlorobenzene
 Concen: 38.620 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion:284 Resp: 216234
 Ion Ratio Lower Upper
 284 100
 142 37.3 28.2 42.2
 249 30.1 24.0 36.0



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

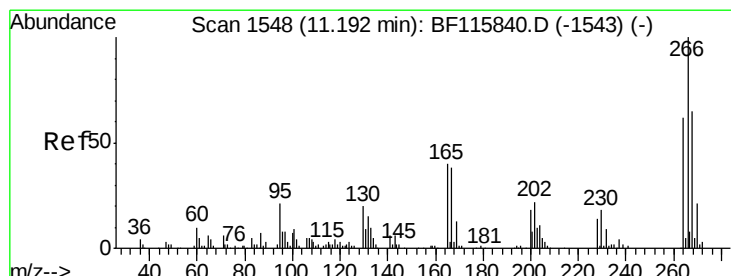
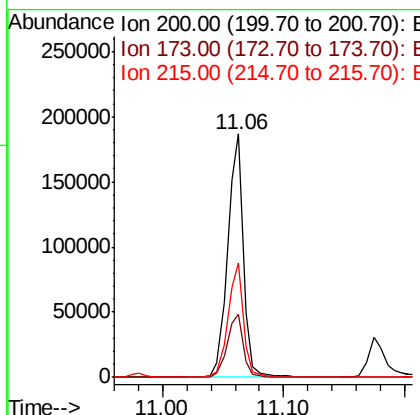
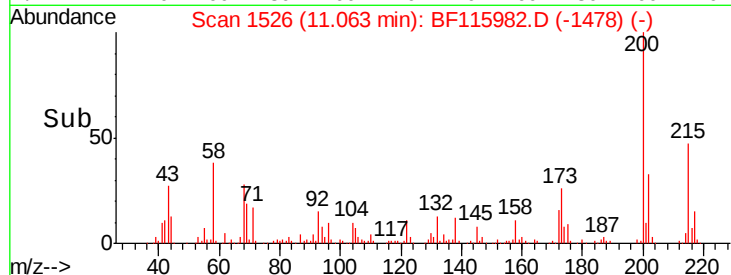
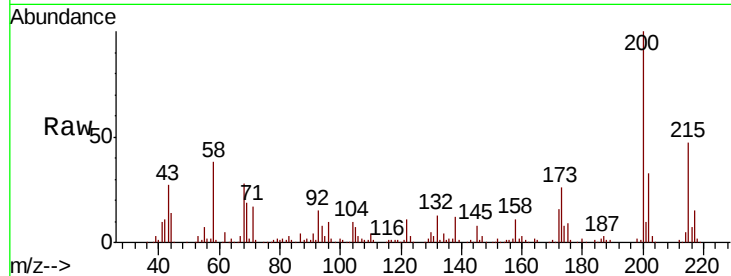




#69
 Atrazine
 Concen: 37.583 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

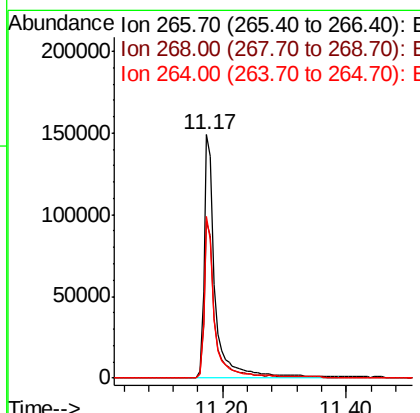
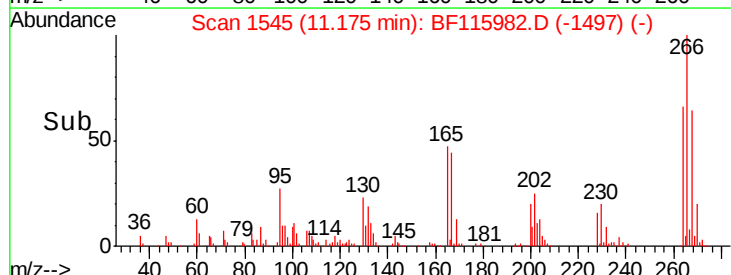
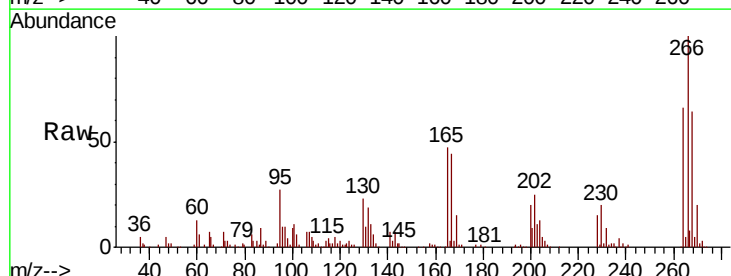
Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.0	7.3	47.3
215	46.8	26.9	66.9



#70
 Pentachlorophenol
 Concen: 69.615 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.6	77.4
264	66.2	49.4	74.0

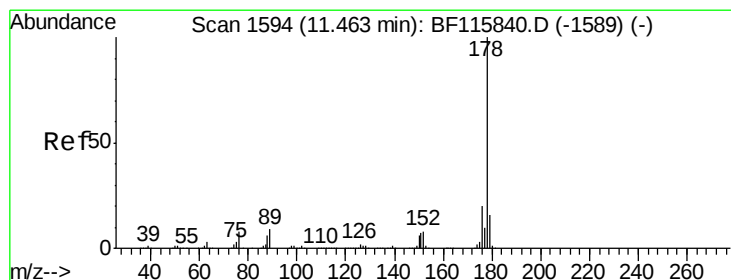
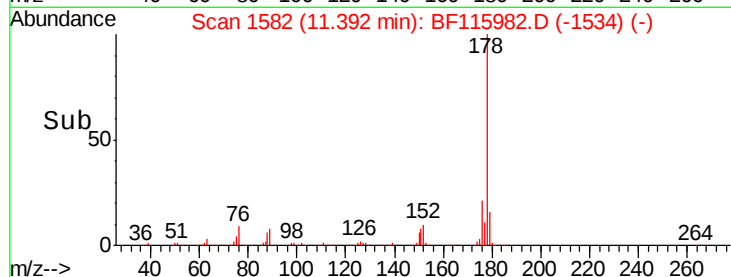
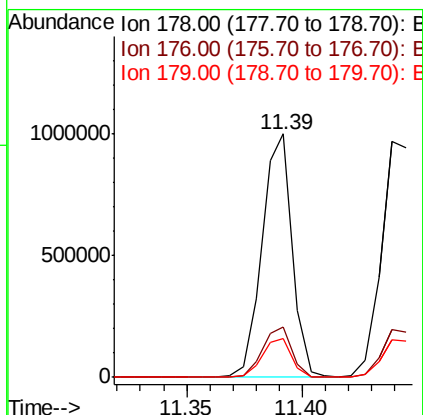
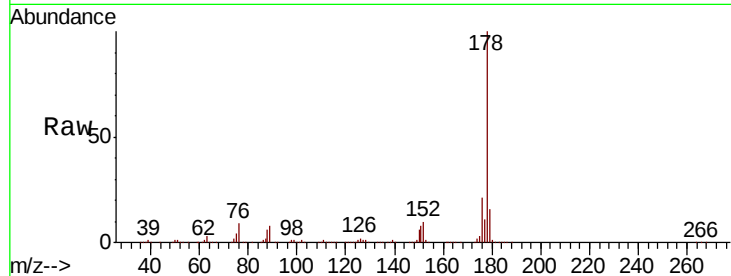




#71
Phenanthrene
Concen: 39.113 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

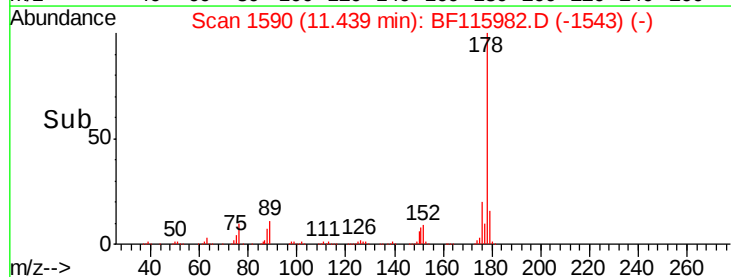
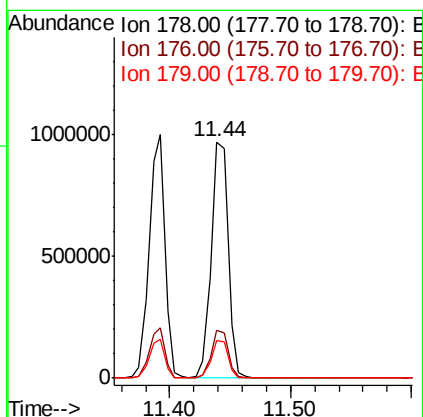
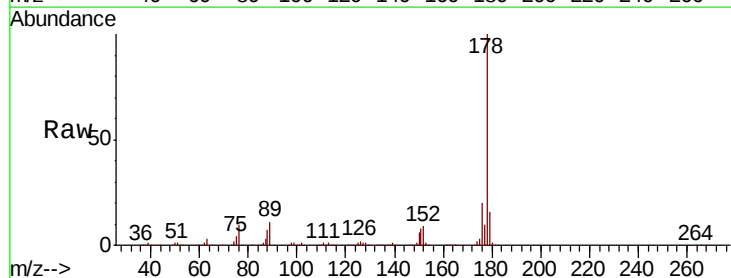
Instrument :
BNA_F
ClientSampleId :
PB121965BS

Tgt Ion:178 Resp: 904425
Ion Ratio Lower Upper
178 100
176 20.8 16.5 24.7
179 15.8 12.6 18.8



#72
Anthracene
Concen: 40.096 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion:178 Resp: 938321
Ion Ratio Lower Upper
178 100
176 20.2 15.7 23.5
179 16.1 12.4 18.6

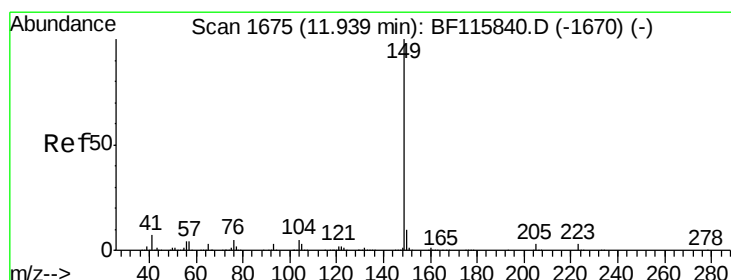
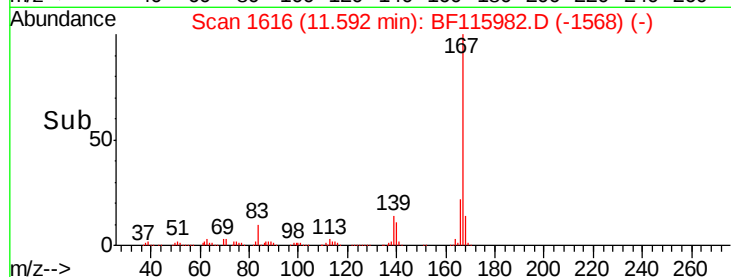
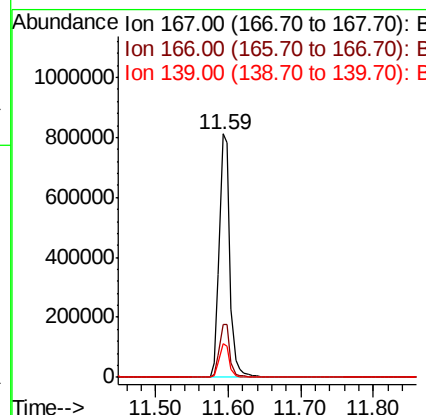
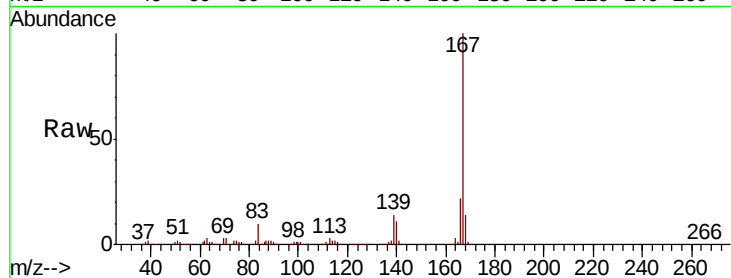




#73
 Carbazole
 Concen: 39.218 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

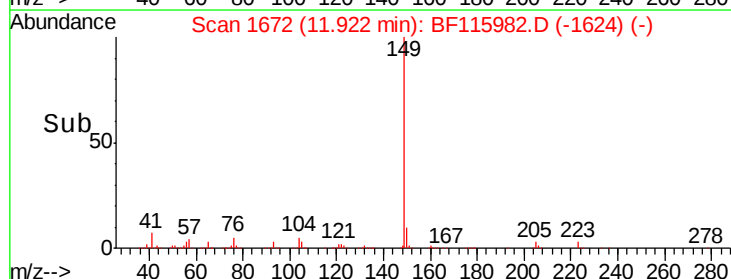
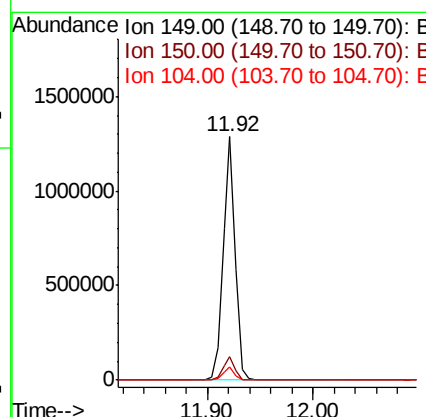
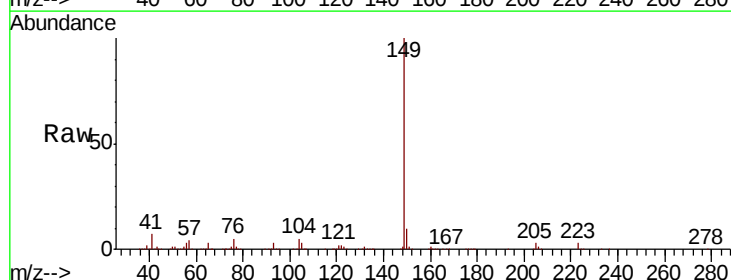
Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

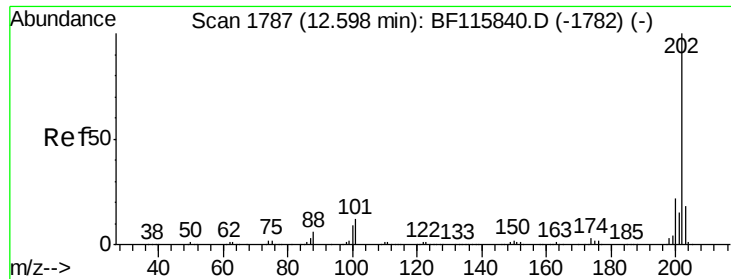
Tgt Ion:167 Resp: 832649
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.0 27.0
 139 13.7 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 41.985 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion:149 Resp: 1039838
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.3 4.3 6.5

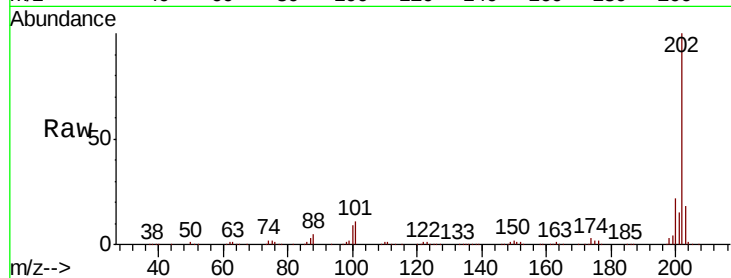




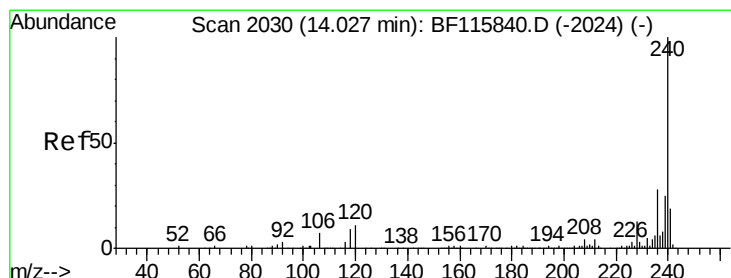
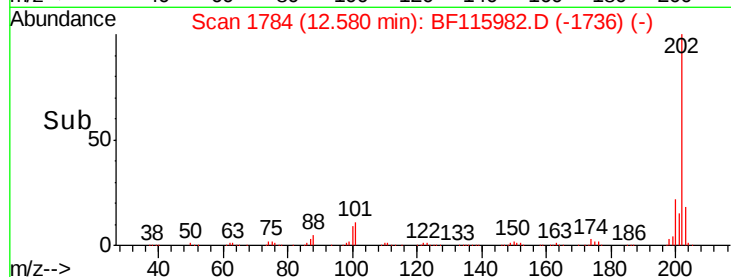
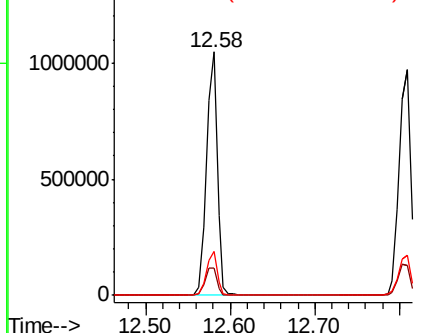
#75
 Fluoranthene
 Concen: 38.285 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.5
203	18.0	0.0	37.9

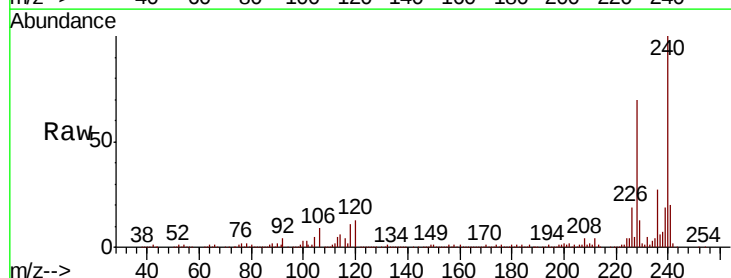


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

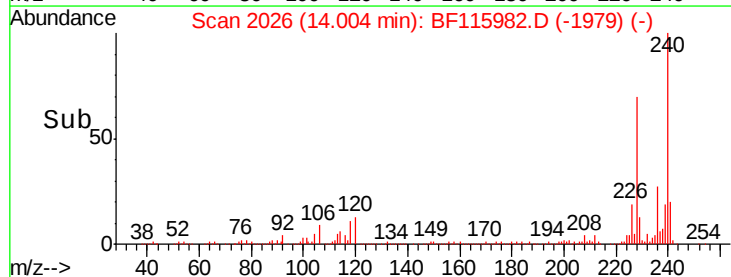
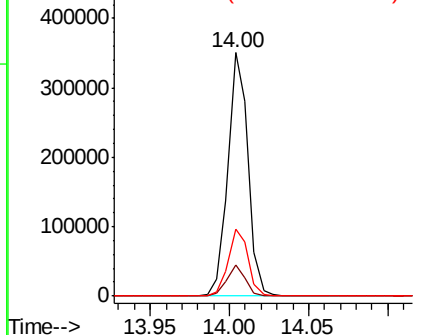


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.5	12.7#
236	27.4	22.2	33.2



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: 28.798 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

ClientSampleId :

PB121965BS

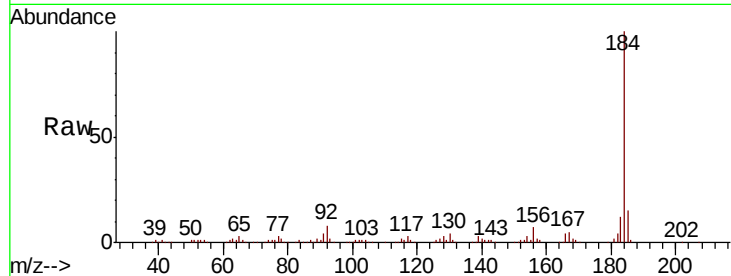
Tgt Ion:184 Resp: 299557

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.2

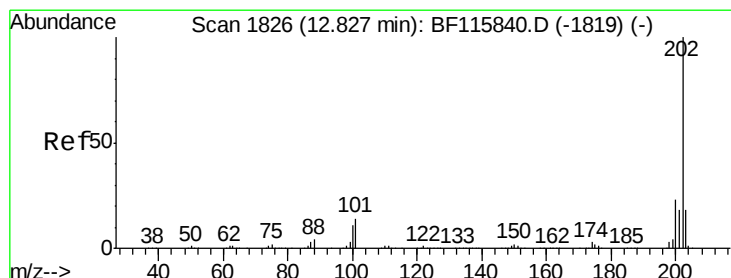
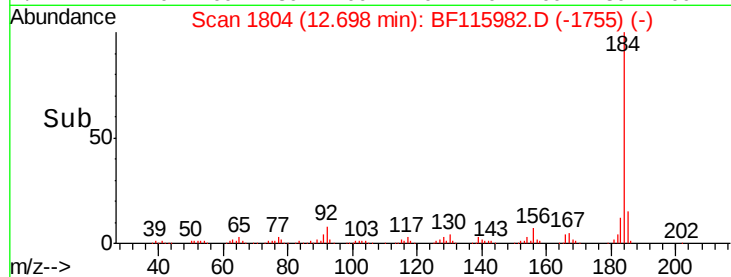
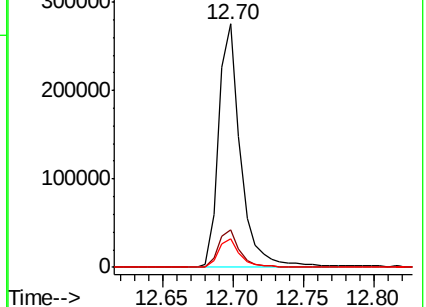
183 11.5 9.1 13.7



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: 40.222 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

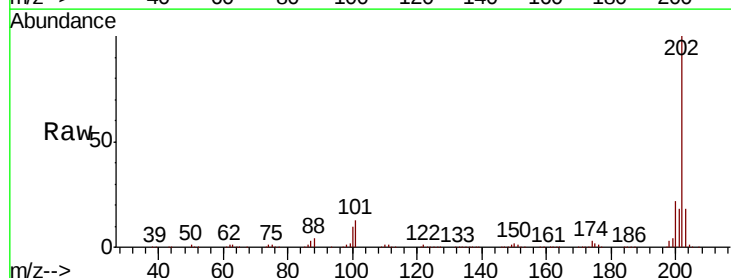
Tgt Ion:202 Resp: 933545

Ion Ratio Lower Upper

202 100

200 22.1 18.2 27.2

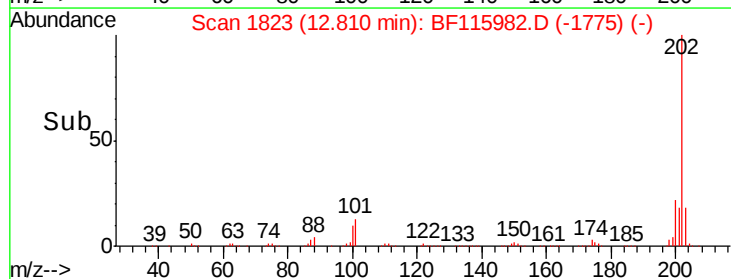
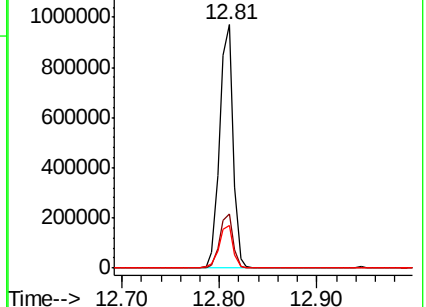
203 17.5 14.3 21.5



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: 83.448 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

ClientSampleId :

PB121965BS

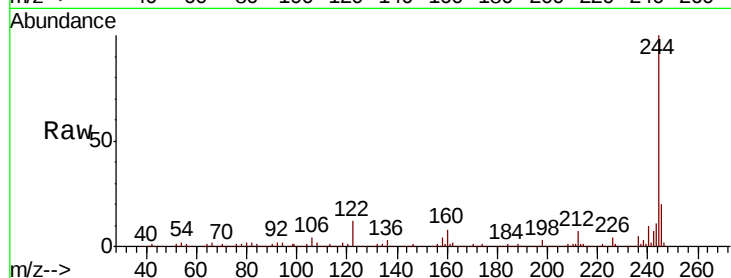
Tgt Ion:244 Resp: 1219333

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

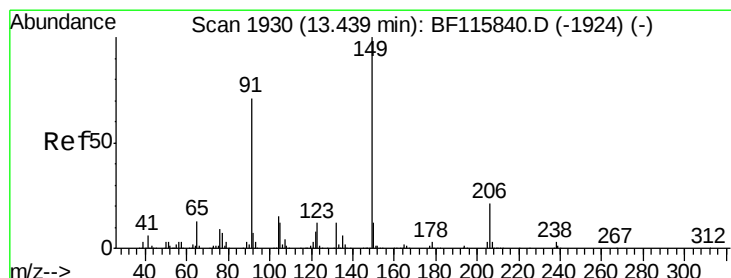
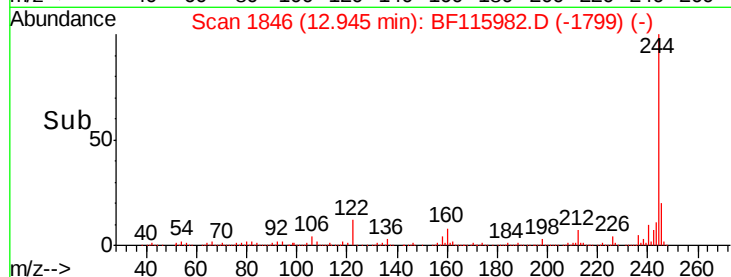
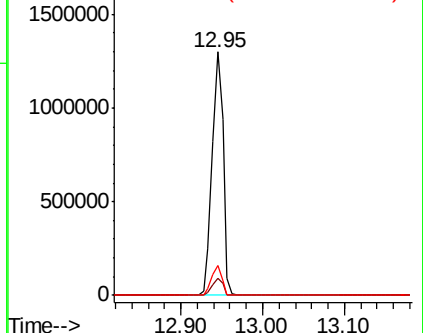
122 12.2 8.6 13.0



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: 42.376 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

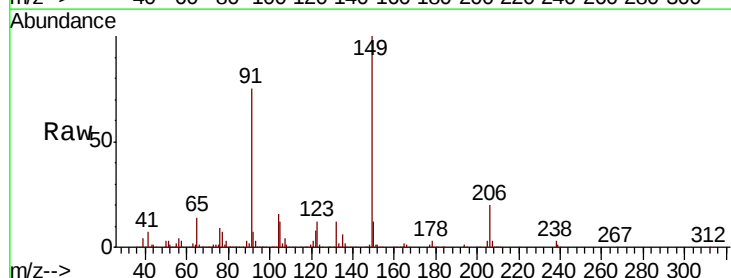
Tgt Ion:149 Resp: 416042

Ion Ratio Lower Upper

149 100

91 74.8 57.0 85.6

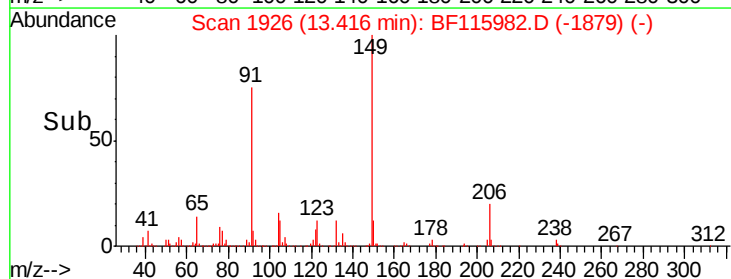
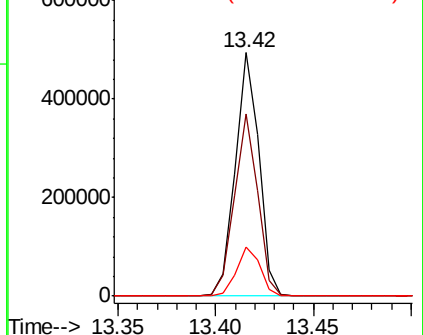
206 20.0 16.9 25.3

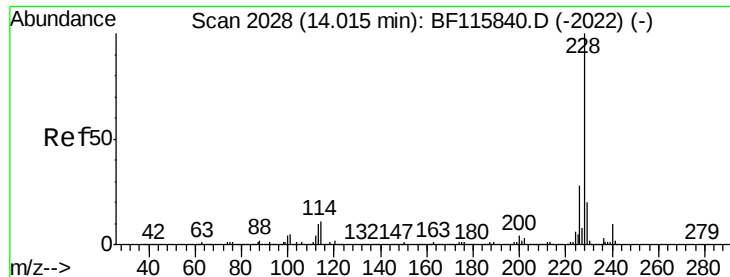


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.611 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

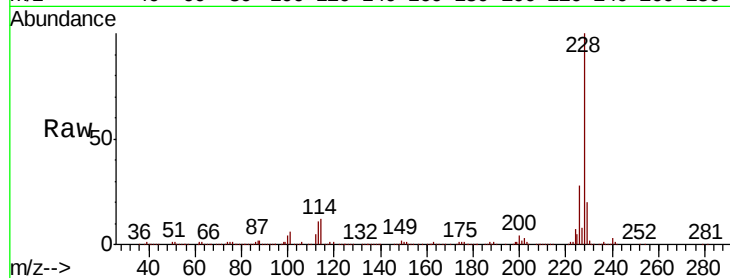
Instrument :

BNA_F

ClientSampleId :

PB121965BS

Tgt Ion:	228	Resp:	759856
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.5	33.7
229	20.2	16.1	24.1

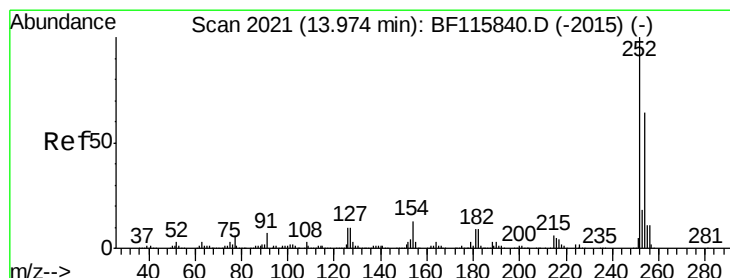
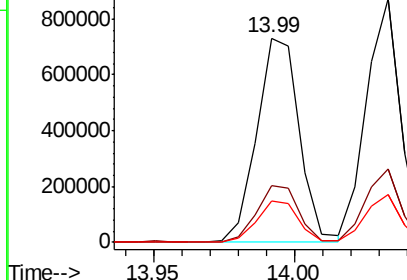
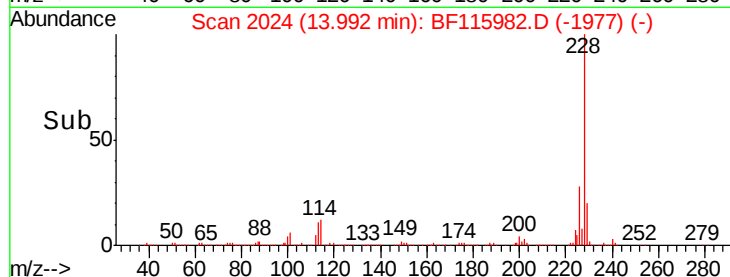


Abundance

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: 35.656 ng

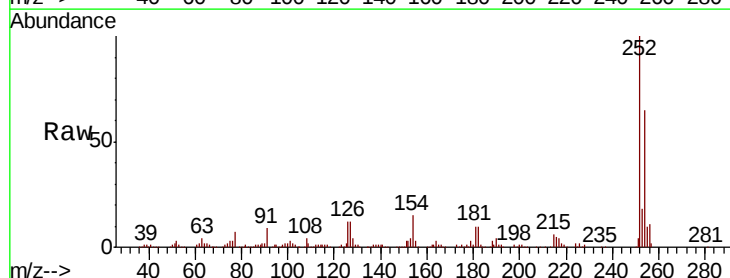
RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Tgt Ion:	252	Resp:	243782
Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.2	76.8
126	11.9	8.1	12.1

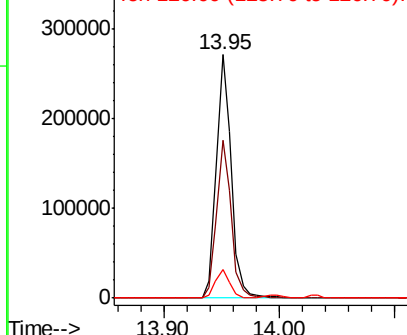
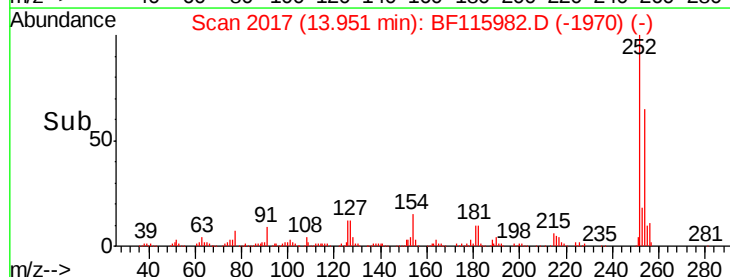


Abundance

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: 38.630 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.02 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

ClientSampleId :

PB121965BS

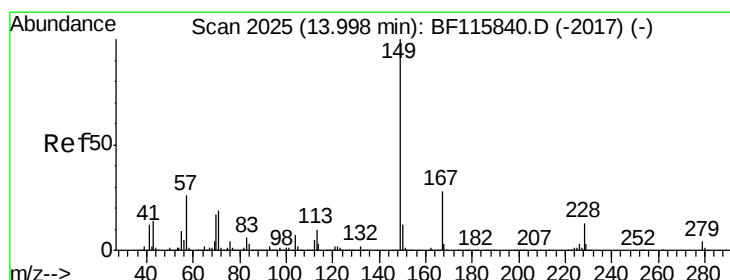
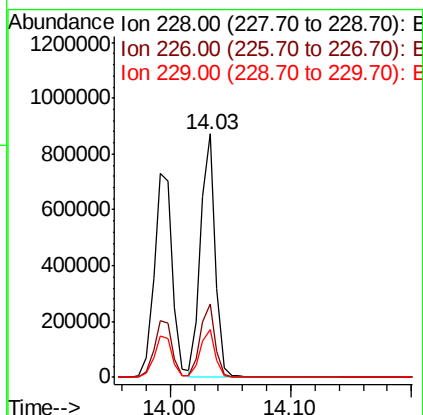
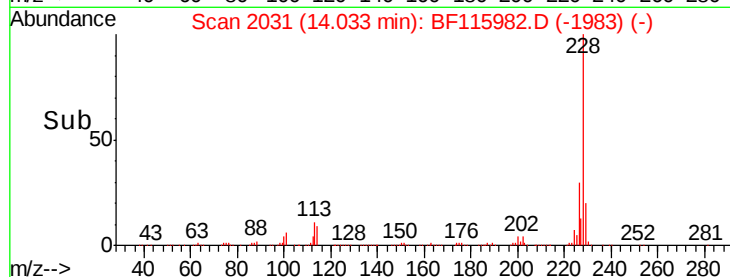
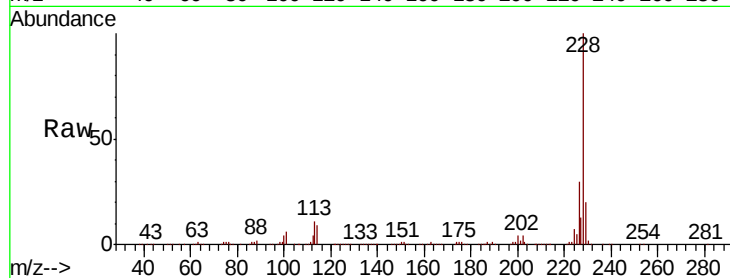
Tgt Ion:228 Resp: 738068

Ion Ratio Lower Upper

228 100

226 30.3 24.8 37.2

229 19.7 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.811 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

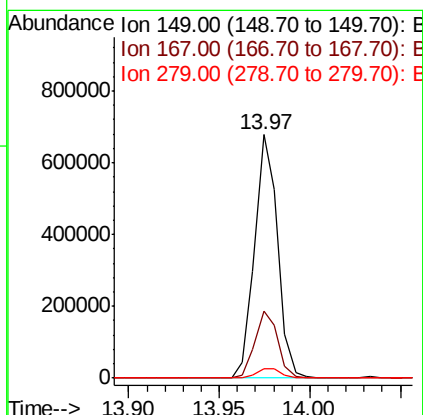
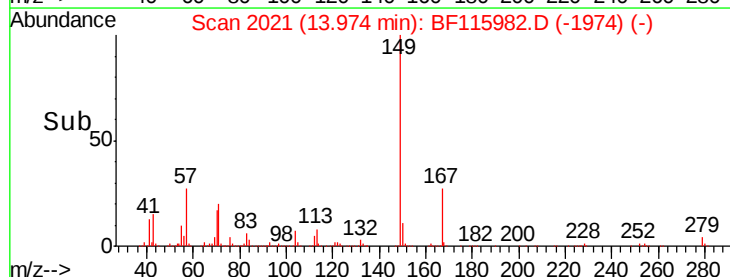
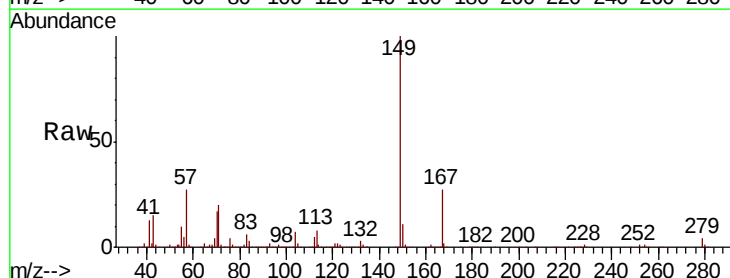
Tgt Ion:149 Resp: 597227

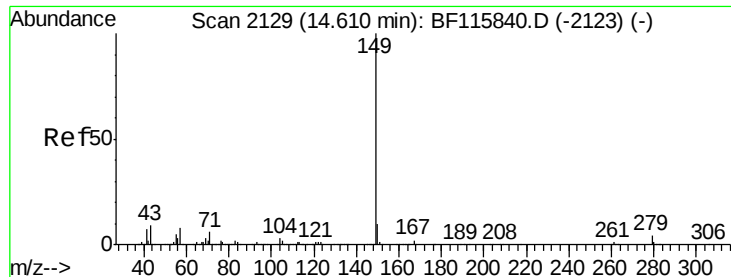
Ion Ratio Lower Upper

149 100

167 27.5 22.4 33.6

279 3.7 3.3 4.9

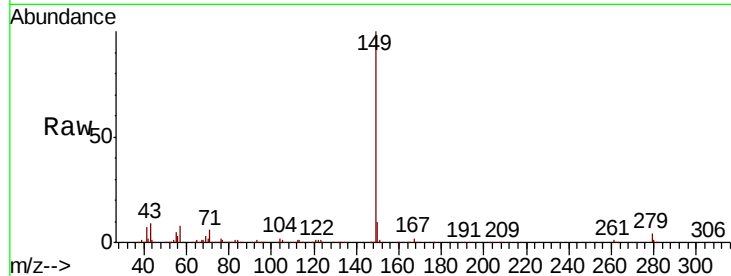




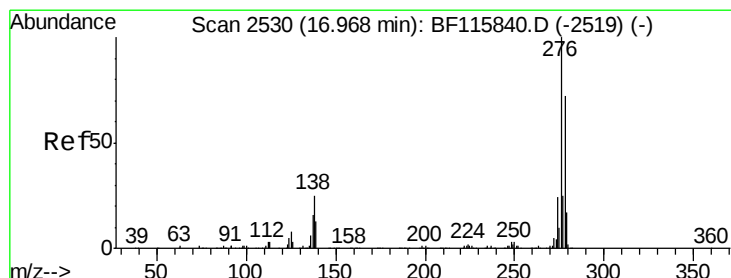
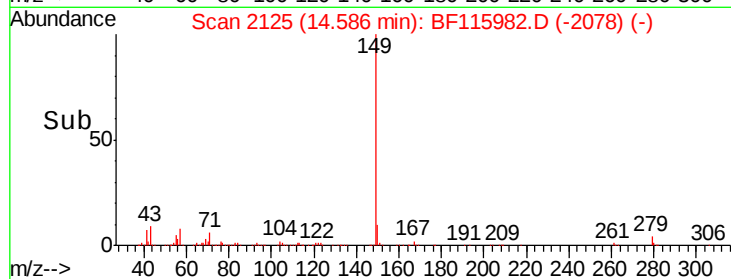
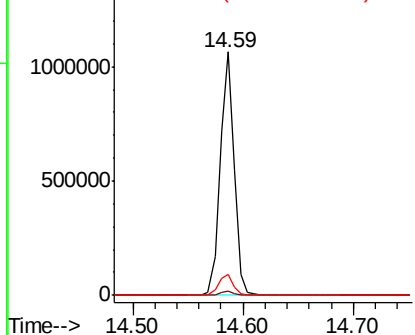
#85
Di-n-octyl phthalate
Concen: 46.081 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB121965BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.0	7.4	11.0

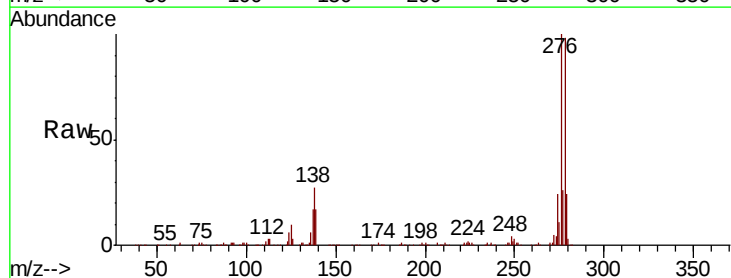


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

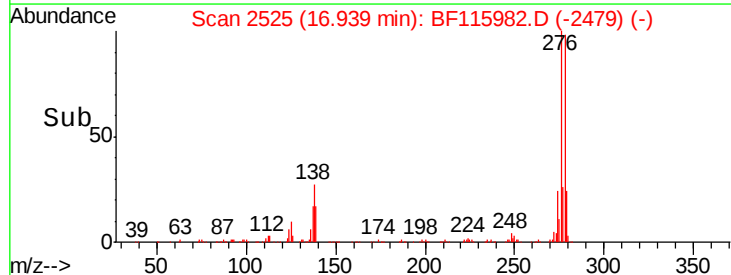
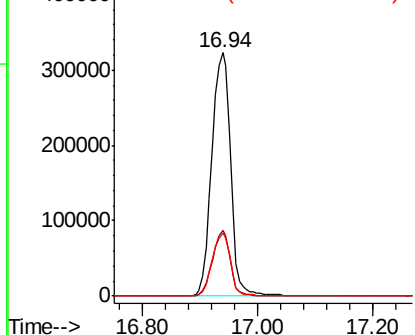


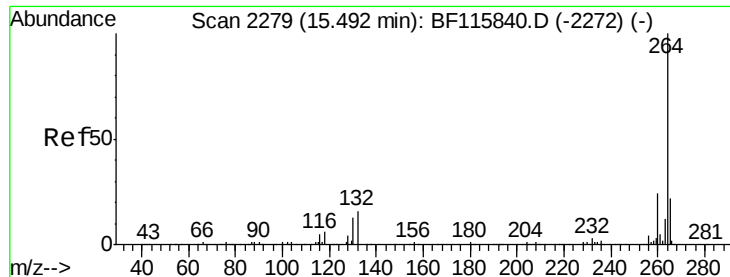
#86
Indeno(1,2,3-cd)pyrene
Concen: 45.972 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.03 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.6	29.4
277	25.1	20.1	30.1



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

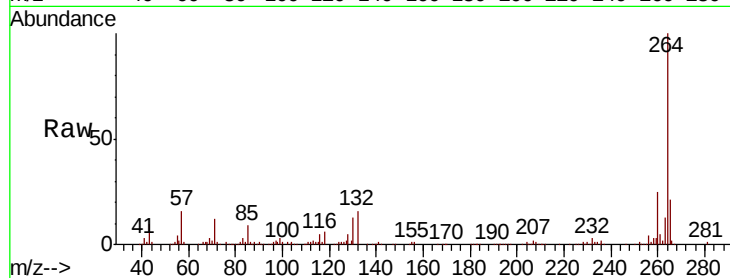




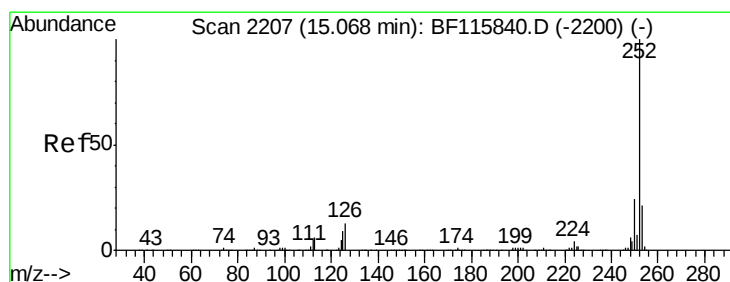
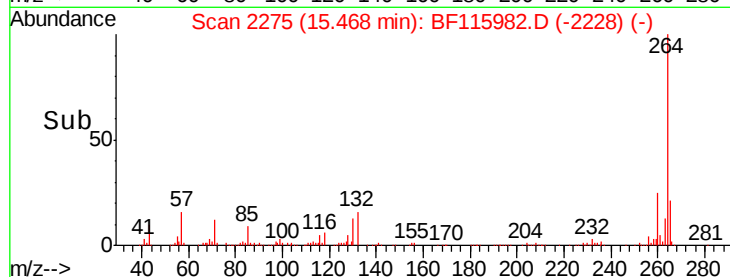
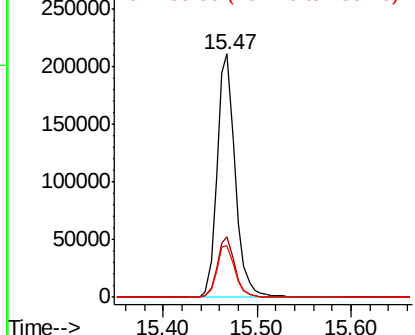
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121965BS

Tgt Ion: 264 Resp: 285202
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.4 29.2
 265 21.4 17.5 26.3

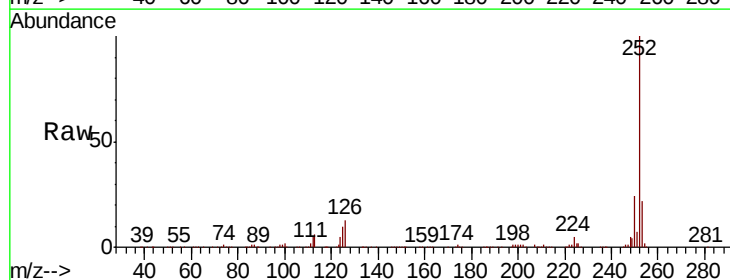


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

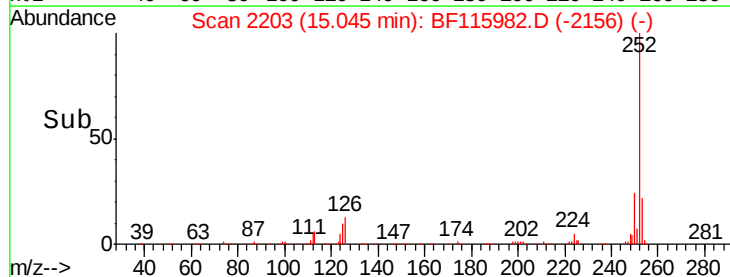
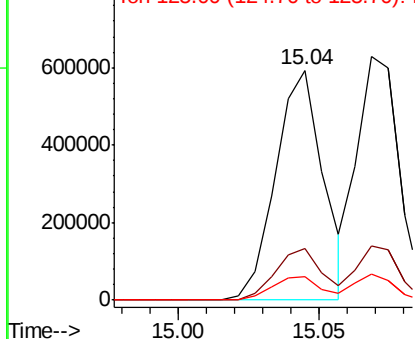


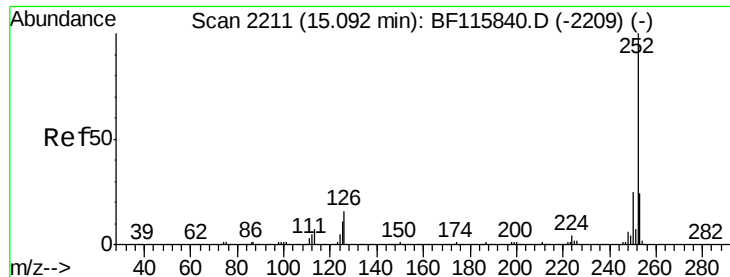
#88
 Benzo(b)fluoranthene
 Concen: 42.021 ng
 RT: 15.04 min Scan# 2203
 Delta R.T. -0.02 min
 Lab File: BF115982.D
 Acq: 5 Aug 2019 16:24

Tgt Ion: 252 Resp: 692965
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.2 25.8
 125 10.1 7.4 11.0



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

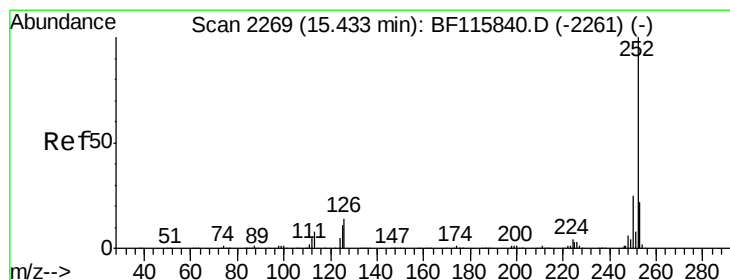
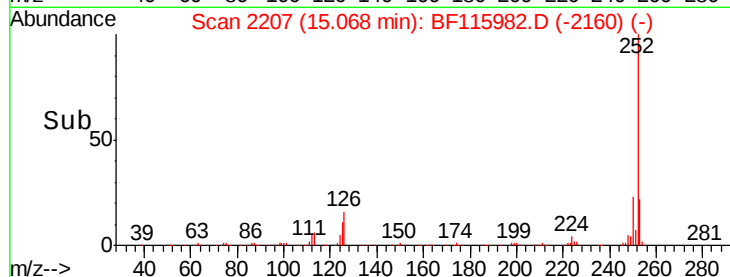
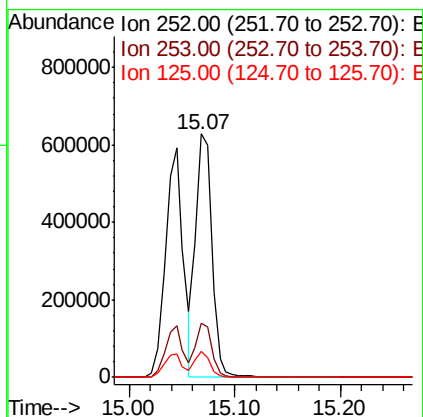
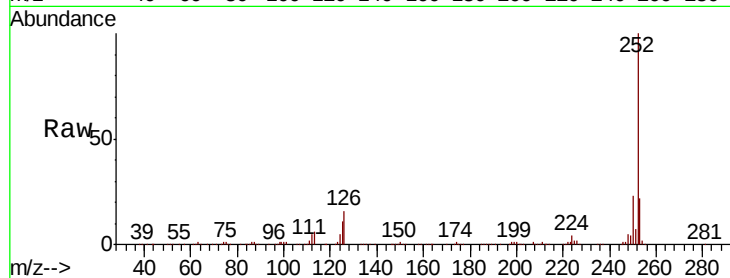




#89
Benzo(k)fluoranthene
Concen: 41.411 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

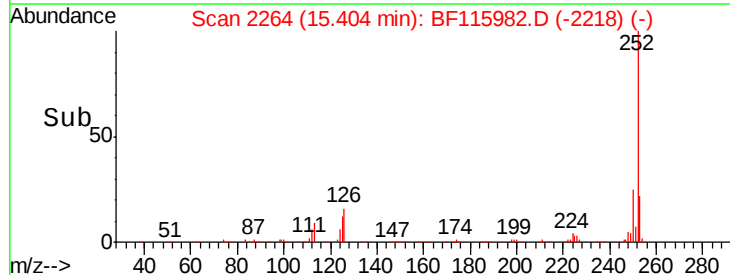
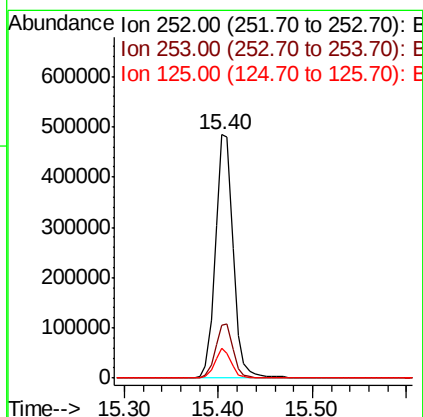
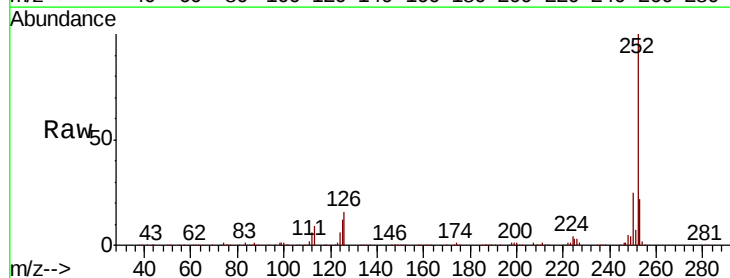
Instrument :
BNA_F
ClientSampleId :
PB121965BS

Tgt Ion:252 Resp: 665155
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 10.8 8.9 13.3



#90
Benzo(a)pyrene
Concen: 43.895 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.03 min
Lab File: BF115982.D
Acq: 5 Aug 2019 16:24

Tgt Ion:252 Resp: 647078
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 12.2 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 49.183 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.04 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

Instrument :

BNA_F

ClientSampleId :

PB121965BS

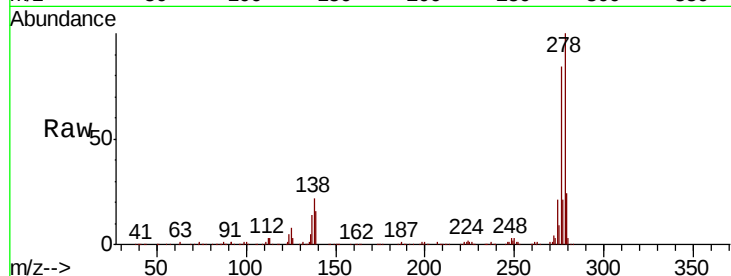
Tgt Ion: 278 Resp: 627584

Ion Ratio Lower Upper

278 100

139 15.9 12.6 19.0

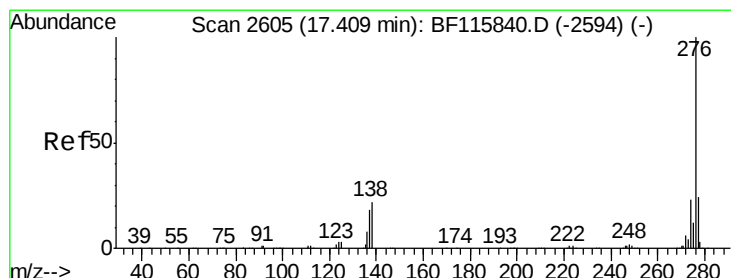
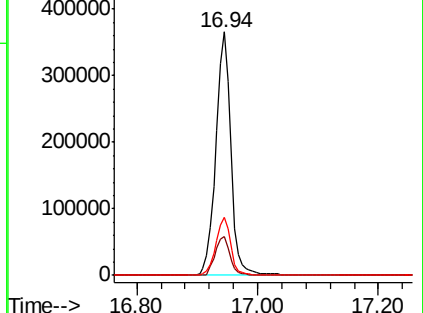
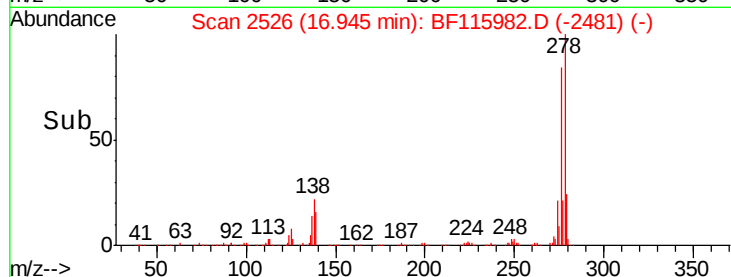
279 23.6 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.369 ng

RT: 17.38 min Scan# 2600

Delta R.T. -0.03 min

Lab File: BF115982.D

Acq: 5 Aug 2019 16:24

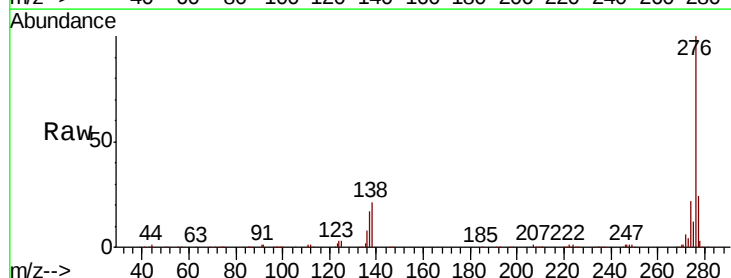
Tgt Ion: 276 Resp: 618677

Ion Ratio Lower Upper

276 100

277 24.0 19.5 29.3

138 21.0 17.8 26.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

