

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
 Data File : BF114967.D
 Acq On : 12 Jun 2019 10:23
 Operator : HP/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 12:48:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 12:22:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	246020	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1000739	20.00	ng	0.00
39) Acenaphthene-d10	9.68	164	495942	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	972685	20.00	ng	0.00
76) Chrysene-d12	13.77	240	699098	20.00	ng	0.00
87) Perylene-d12	15.15	264	721498	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	348063	23.94	ng	-0.01
7) Phenol-d6	6.29	99	429335	24.49	ng	-0.01
23) Nitrobenzene-d5	7.20	82	376301	23.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.46	330	127270	23.59	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	806333	25.80	ng	0.00
79) Terphenyl-d14	12.73	244	829345	23.59	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.27	88	72531	10.515	ng	98
3) Pyridine	2.96	79	203947	10.621	ng	98
4) n-Nitrosodimethylamine	2.87	42	69859	10.129	ng	97
6) Aniline	6.30	93	288197	12.134	ng	# 83
8) 2-Chlorophenol	6.43	128	195102	11.760	ng	96
9) Benzaldehyde	6.19	77	141003	12.565	ng	98
10) Phenol	6.30	94	239968	12.274	ng	89
11) bis(2-Chloroethyl)ether	6.38	93	174420	11.193	ng	99
12) 1,3-Dichlorobenzene	6.59	146	227301	11.805	ng	99
13) 1,4-Dichlorobenzene	6.66	146	230245	11.925	ng	97
14) 1,2-Dichlorobenzene	6.82	146	218579	12.472	ng	98
15) Benzyl Alcohol	6.79	79	157762	12.469	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.93	45	238419	11.125	ng	97
17) 2-Methylphenol	6.91	107	155166	11.170	ng	98
18) Hexachloroethane	7.16	117	79435	11.163	ng	93
19) n-Nitroso-di-n-propylamine	7.06	70	125986	11.491	ng	98
20) 3+4-Methylphenols	7.06	107	204912	13.174	ng	92
22) Acetophenone	7.06	105	267004	11.919	ng	# 96
24) Nitrobenzene	7.23	77	191810	11.321	ng	98
25) Isophorone	7.47	82	347383	10.892	ng	99
26) 2-Nitrophenol	7.55	139	99999	10.623	ng	99
27) 2,4-Dimethylphenol	7.59	122	153626	11.153	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	232143	11.378	ng	98
29) 2,4-Dichlorophenol	7.79	162	163991	11.368	ng	97
30) 1,2,4-Trichlorobenzene	7.87	180	193447	11.685	ng	97
31) Naphthalene	7.95	128	585397	12.695	ng	97
32) Benzoic acid	7.68	122	81318	7.903	ng	97
33) 4-Chloroaniline	8.00	127	254803	11.709	ng	98
34) Hexachlorobutadiene	8.08	225	107603	11.589	ng	99
35) Caprolactam	8.34	113	52370	10.778	ng	99
36) 4-Chloro-3-methylphenol	8.49	107	163286	11.145	ng	99
37) 2-Methylnaphthalene	8.64	142	390950	12.477	ng	98
38) 1-Methylnaphthalene	8.74	142	370350	12.497	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	177468	12.446	ng	98

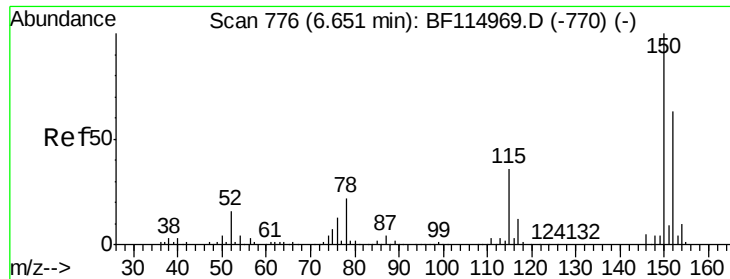
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	61417	7.578	ng	99
43) 2,4,6-Trichlorophenol	8.92	196	121060	11.181	ng	99
44) 2,4,5-Trichlorophenol	8.96	196	123418	11.055	ng	97
46) 1,1'-Biphenyl	9.10	154	480530	12.951	ng	96
47) 2-Chloronaphthalene	9.13	162	389681	12.441	ng	95
48) 2-Nitroaniline	9.22	65	103226	10.827	ng	94
49) Acenaphthylene	9.54	152	593212	12.852	ng	96
50) Dimethylphthalate	9.40	163	438275	11.758	ng	98
51) 2,6-Dinitrotoluene	9.46	165	93688	10.943	ng	93
52) Acenaphthene	9.71	154	346406	12.388	ng	99
53) 3-Nitroaniline	9.63	138	114088	11.097	ng	97
54) 2,4-Dinitrophenol	9.74	184	30623	7.227	ng	96
55) Dibenzofuran	9.88	168	523341	13.111	ng	96
56) 4-Nitrophenol	9.79	139	71514	9.760	ng	98
57) 2,4-Dinitrotoluene	9.86	165	122941	11.360	ng	98
58) Fluorene	10.22	166	399279	12.976	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.00	232	99259	10.998	ng	99
60) Diethylphthalate	10.10	149	430789	11.891	ng	99
61) 4-Chlorophenyl-phenylether	10.22	204	195442	12.688	ng	98
62) 4-Nitroaniline	10.23	138	113585	10.781	ng	98
63) Azobenzene	10.37	77	370420	11.747	ng	99
65) 4,6-Dinitro-2-methylphenol	10.27	198	48175	8.832	ng	97
66) n-Nitrosodiphenylamine	10.33	169	351519	12.164	ng	100
67) 4-Bromophenyl-phenylether	10.70	248	124238	11.792	ng	99
68) Hexachlorobenzene	10.77	284	135387	11.636	ng	99
69) Atrazine	10.86	200	115166	11.827	ng	97
70) Pentachlorophenol	10.96	266	57479	8.810	ng	99
71) Phenanthrene	11.17	178	617096	13.076	ng	97
72) Anthracene	11.23	178	628010	13.111	ng	97
73) Carbazole	11.38	167	551230	12.640	ng	96
74) Di-n-butylphthalate	11.72	149	685348	12.716	ng	98
75) Fluoranthene	12.36	202	638217	13.075	ng	98
77) Benzidine	12.48	184	334720	10.940	ng	96
78) Pyrene	12.58	202	652223	10.712	ng	97
80) Butylbenzylphthalate	13.21	149	283291	9.444	ng	97
81) Benzo(a)anthracene	13.76	228	557955	10.794	ng	99
82) 3,3'-Dichlorobenzidine	13.73	252	218707	10.365	ng #	97
83) Chrysene	13.80	228	558363	10.757	ng	97
84) Bis(2-ethylhexyl)phthalate	13.77	149	365155	10.395	ng #	97
85) Di-n-octyl phthalate	14.38	149	637302	9.931	ng	100
86) Indeno(1,2,3-cd)pyrene	16.45	276	455232	9.328	ng	99
88) Benzo(b)fluoranthene	14.77	252	524487	11.166	ng	98
89) Benzo(k)fluoranthene	14.79	252	498404	12.226	ng	98
90) Benzo(a)pyrene	15.09	252	461669	11.316	ng	99
91) Dibenzo(a,h)anthracene	16.46	278	374053	10.854	ng	98
92) Benzo(g,h,i)perylene	16.83	276	358273	10.429	ng	99

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

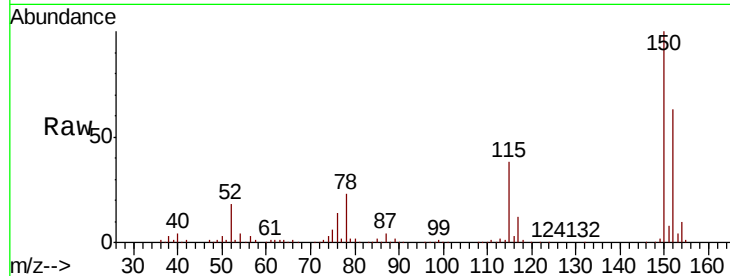


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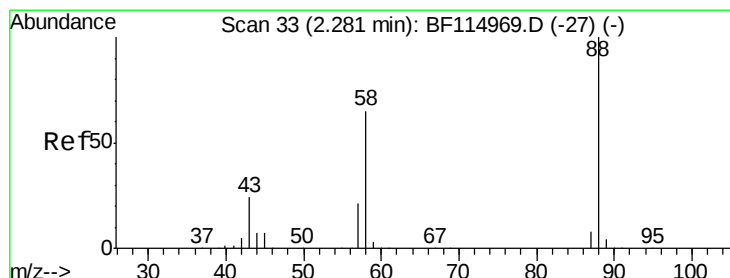
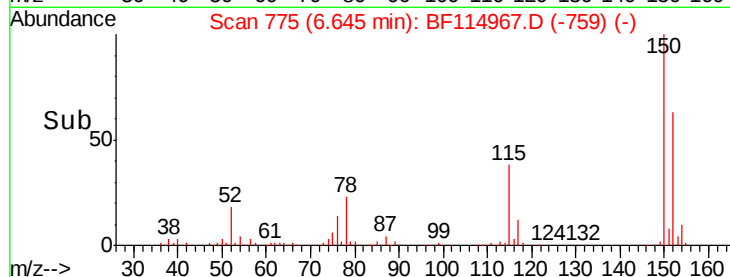
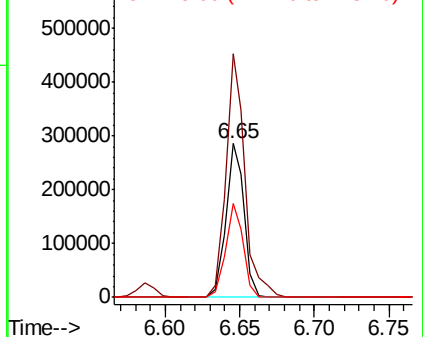
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 246020
Ion Ratio Lower Upper
152 100
150 158.3 127.4 191.0
115 60.9 46.0 69.0



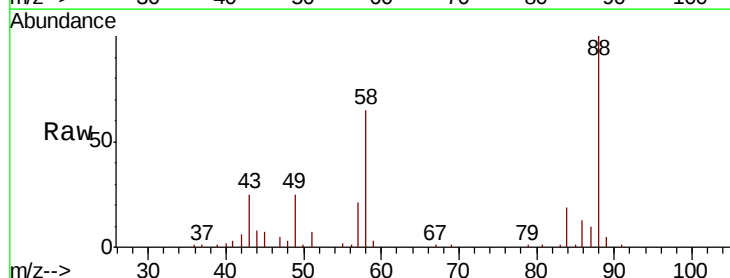
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



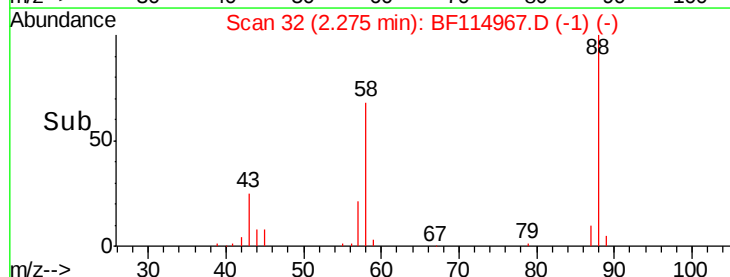
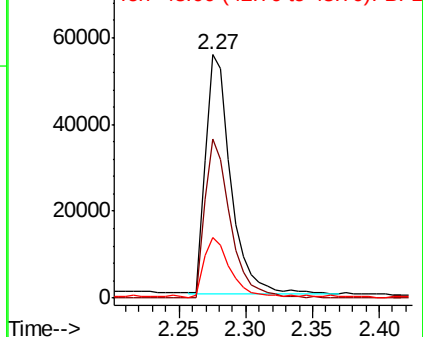
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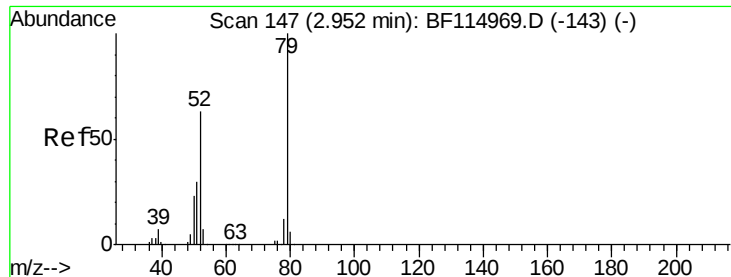
1,4-Dioxane
Concen: 10.515 ng
RT: 2.27 min Scan# 32
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Tgt Ion: 88 Resp: 72531
Ion Ratio Lower Upper
88 100
58 67.4 53.4 80.2
43 26.9 19.7 29.5



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





#3

Pvridine

Concen: 10.621 ng

RT: 2.96 min Scan# 149

Delta R.T. 0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

Instrument :

BNA_F

ClientSampled :

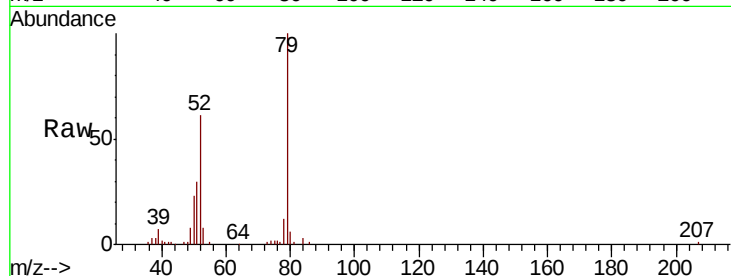
Tot Ion: 79 Resp: 203947

Ion Ratio Lower Upper

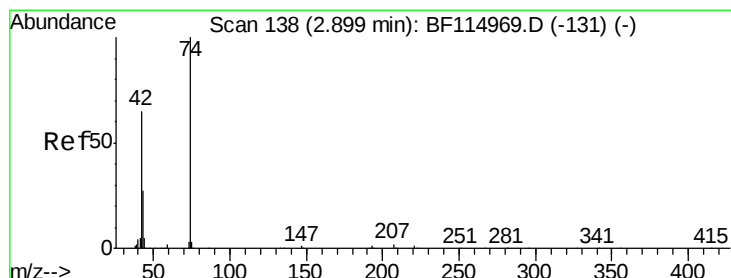
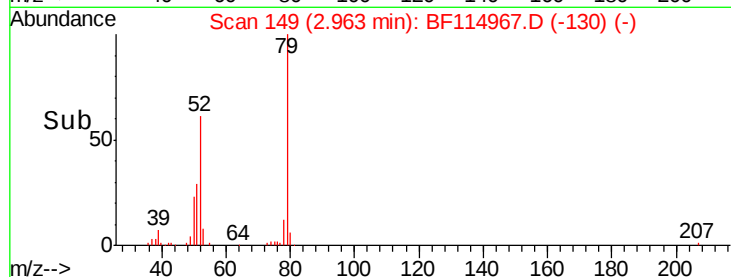
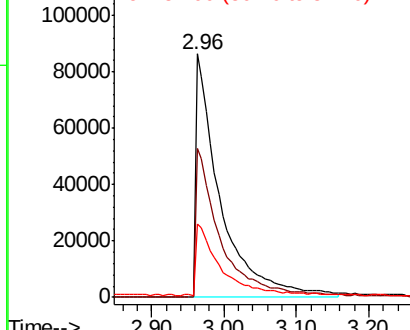
79 100

52 60.9 50.3 75.5

51 30.2 24.4 36.6



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: 10.129 ng

RT: 2.87 min Scan# 134

Delta R.T. -0.02 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

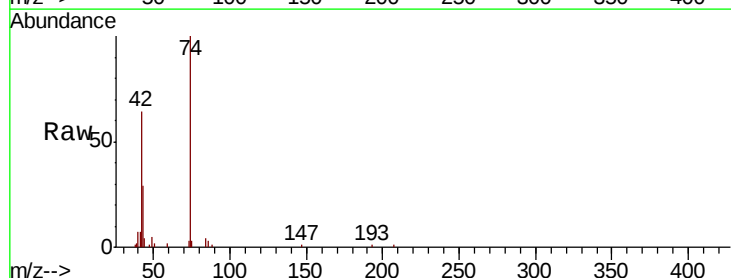
Tgt Ion: 42 Resp: 69859

Ion Ratio Lower Upper

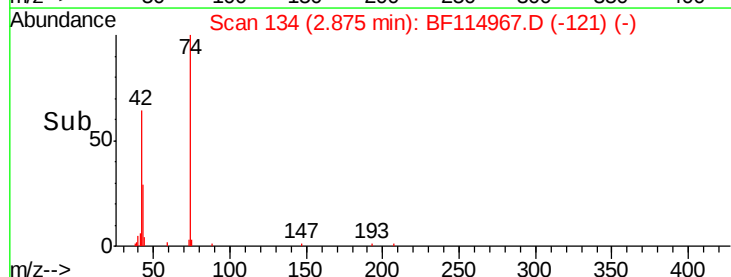
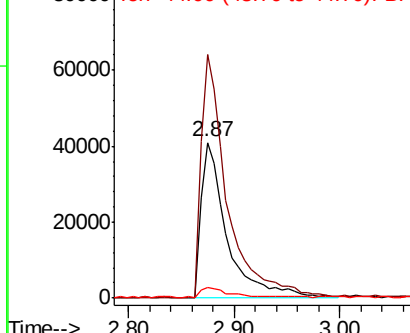
42 100

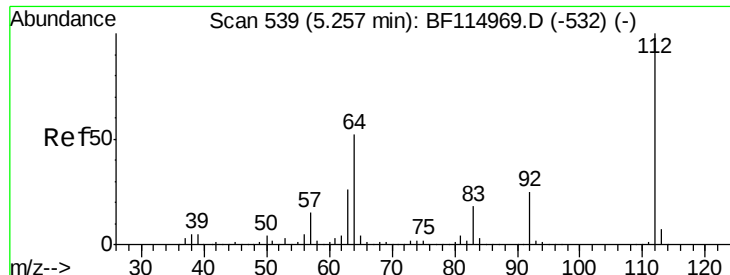
74 156.6 122.2 183.2

44 7.0 5.8 8.8



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: 23.944 ng

RT: 5.25 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

Instrument :

BNA_F

ClientSampleId :

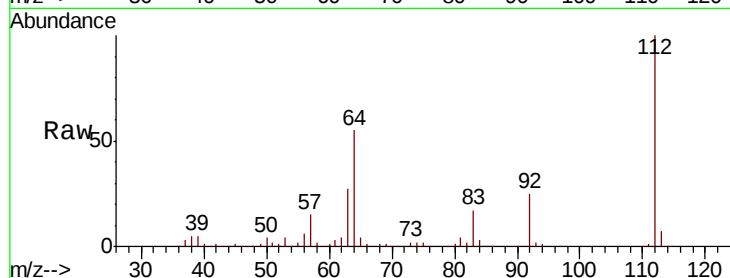
Tot Ion: 112 Resp: 348063

Ion Ratio Lower Upper

112 100

64 55.2 41.6 62.4

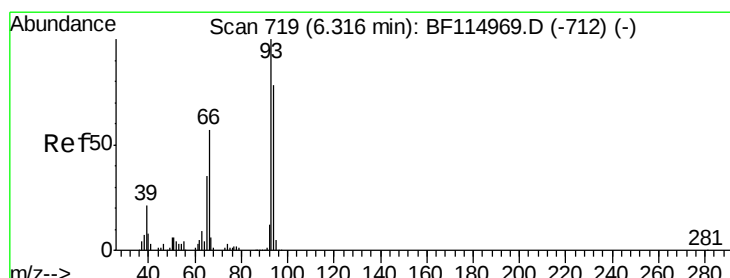
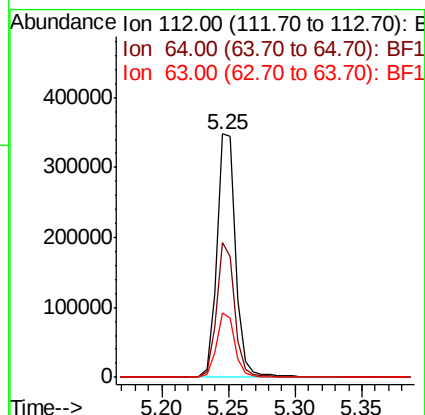
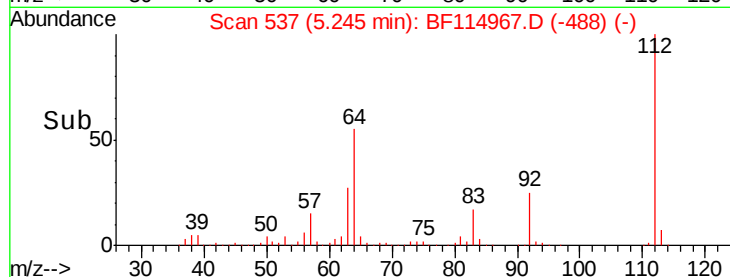
63 26.6 20.9 31.3



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: 12.134 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

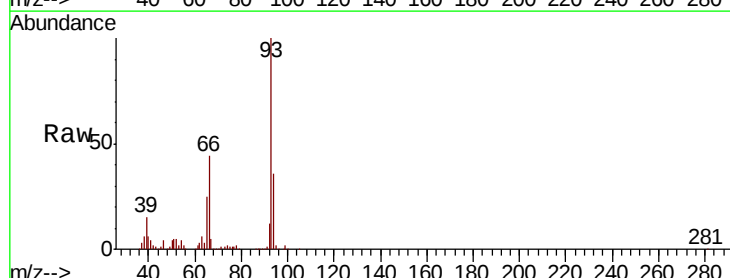
Tgt Ion: 93 Resp: 288197

Ion Ratio Lower Upper

93 100

66 44.3 46.2 69.2#

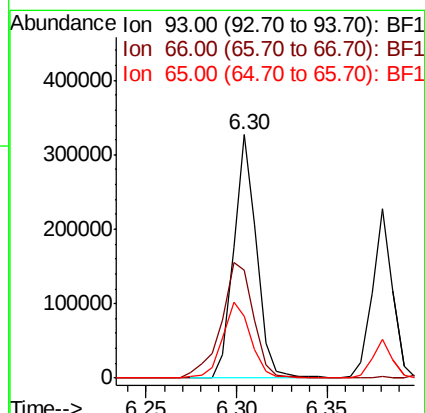
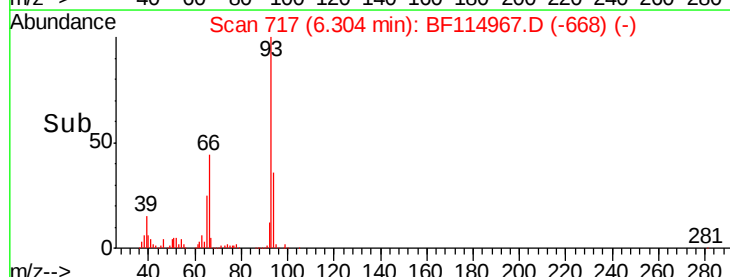
65 25.2 27.7 41.5#

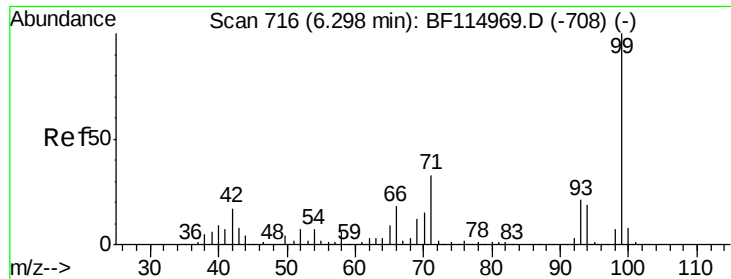


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 24.486 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

Instrument :

BNA_F

ClientSampleId :

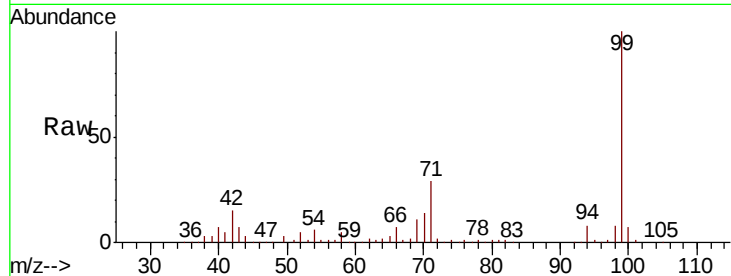
Tot Ion: 99 Resp: 429335

Ion Ratio Lower Upper

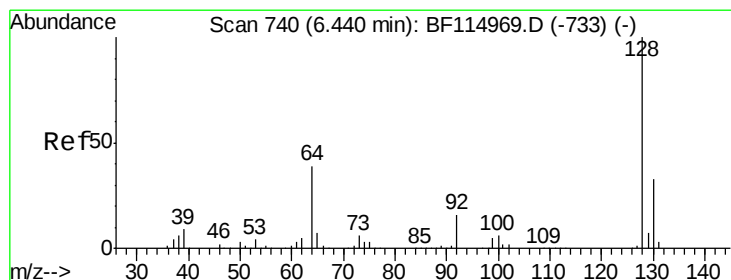
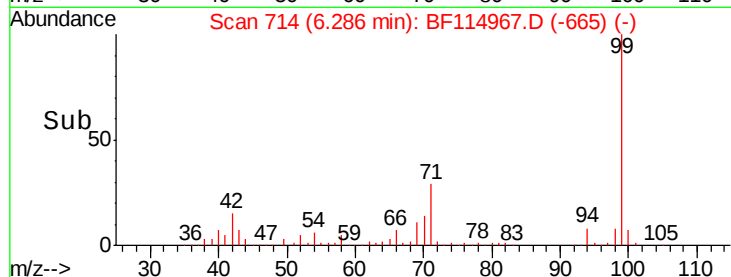
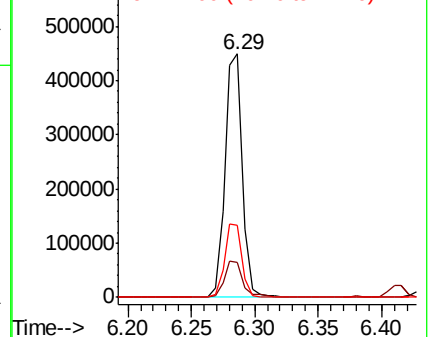
99 100

42 14.5 13.4 20.2

71 29.4 26.4 39.6



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: 11.760 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

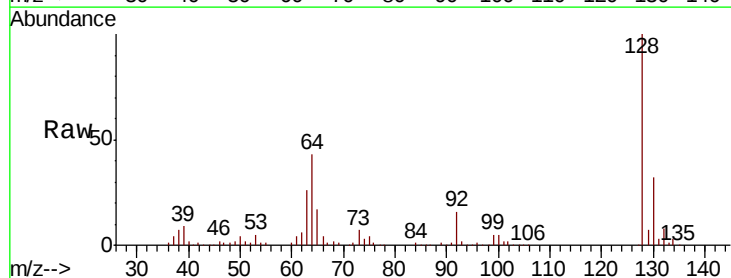
Tgt Ion: 128 Resp: 195102

Ion Ratio Lower Upper

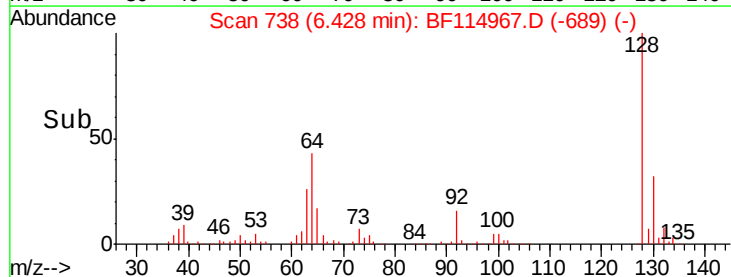
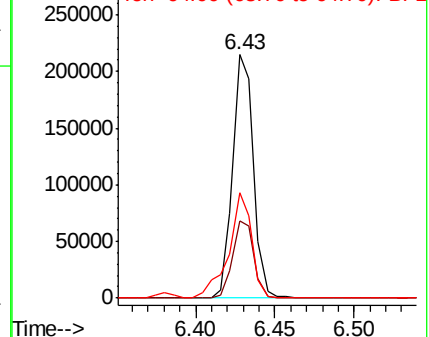
128 100

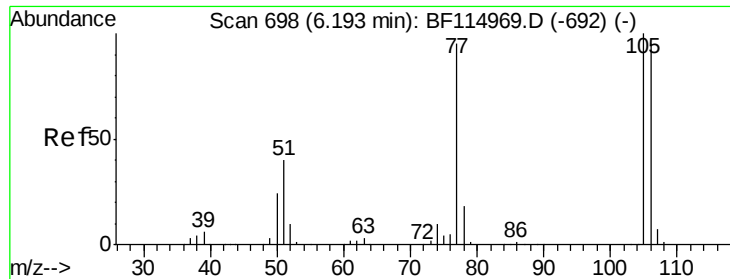
130 31.5 13.4 53.4

64 43.1 20.1 60.1



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

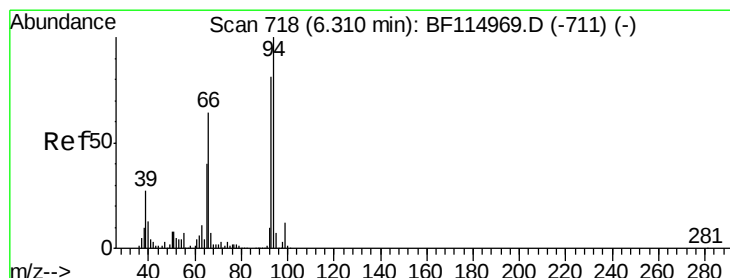
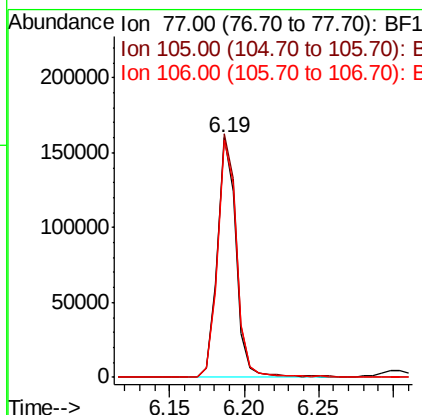
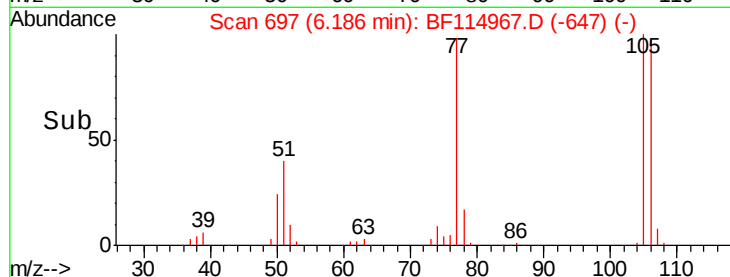
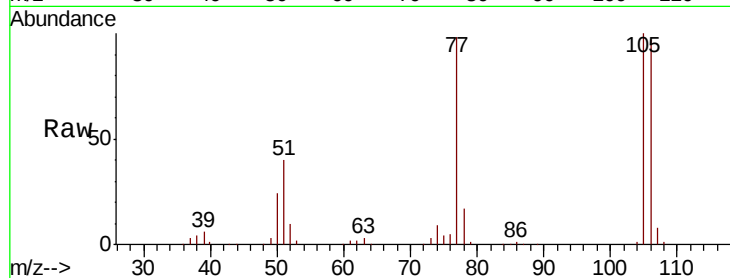




#9
Benzaldehyde
Concen: 12.565 ng
RT: 6.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

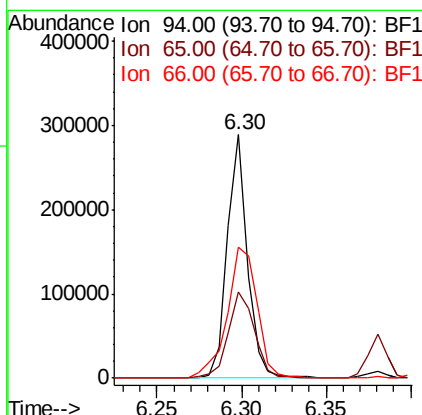
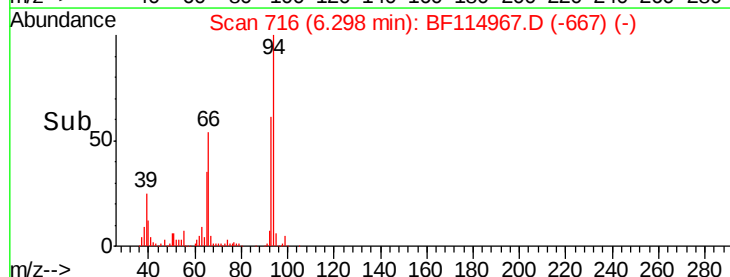
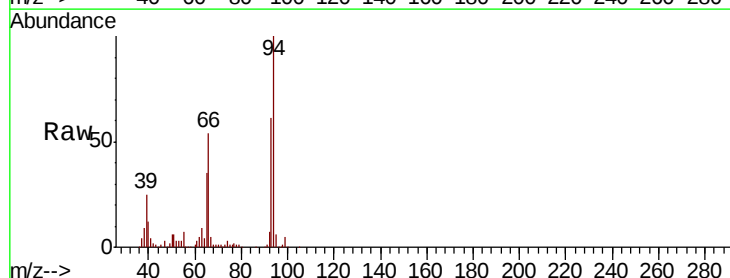
Instrument :
BNA_F
ClientSampleId :

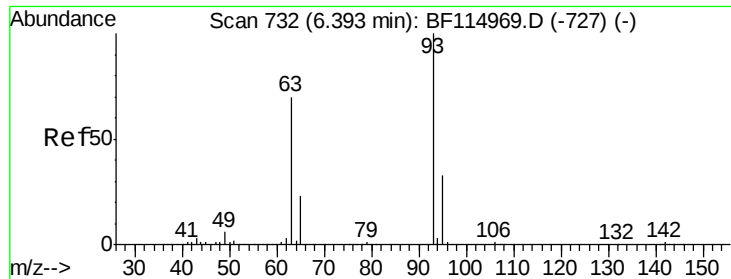
Tot Ion: 77 Resp: 141003
Ion Ratio Lower Upper
77 100
105 101.8 85.1 125.1
106 99.1 80.0 120.0



#10
Phenol
Concen: 12.274 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Tgt Ion: 94 Resp: 239968
Ion Ratio Lower Upper
94 100
65 35.3 20.0 60.0
66 54.0 44.1 84.1

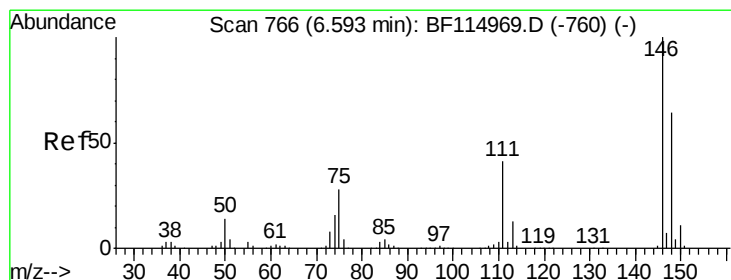
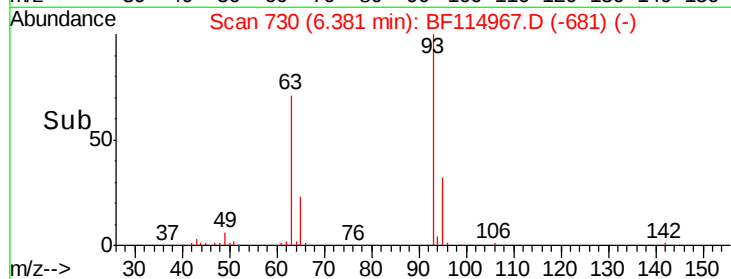
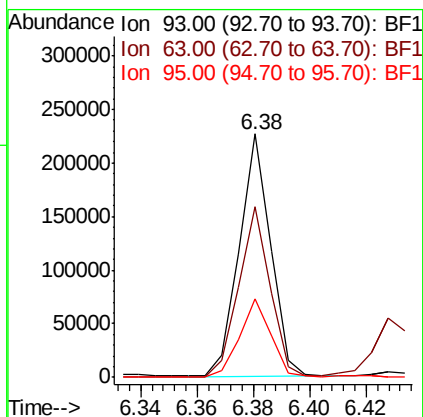
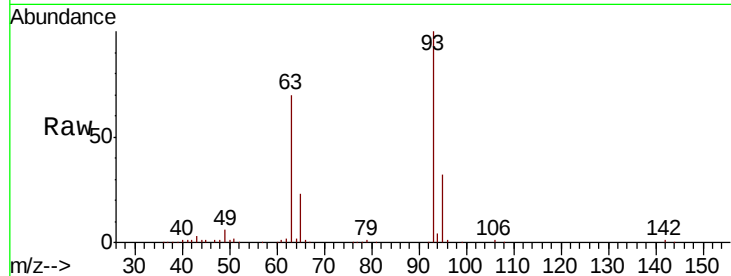




#11
bis(2-Chloroethyl)ether
Concen: 11.193 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

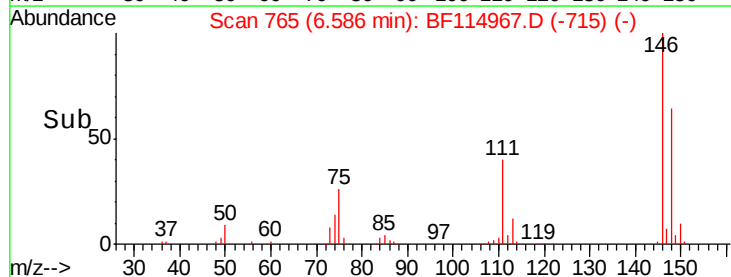
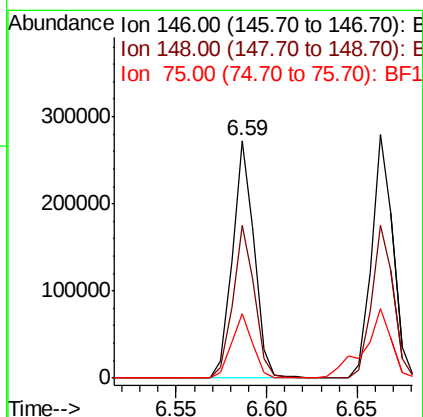
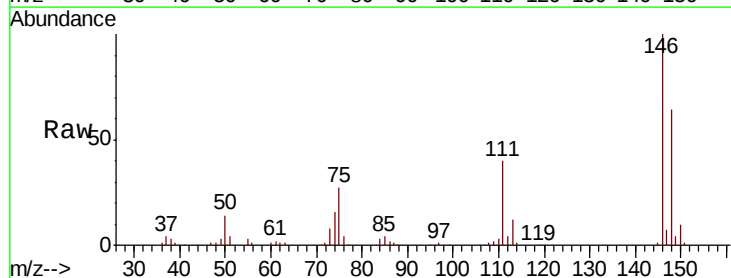
Instrument :
BNA_F
ClientSampleId :

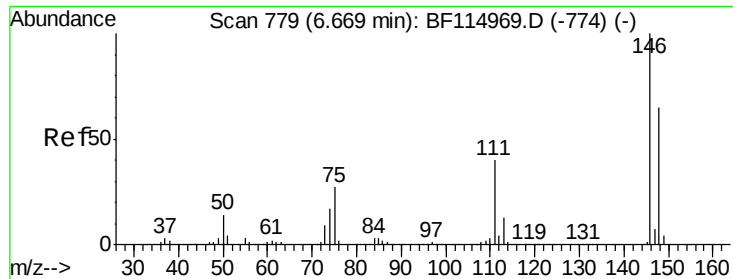
Tot Ion: 93 Resp: 174420
Ion Ratio Lower Upper
93 100
63 70.1 49.8 89.8
95 32.2 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 11.805 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Tgt Ion: 146 Resp: 227301
Ion Ratio Lower Upper
146 100
148 64.4 51.6 77.4
75 27.2 22.3 33.5

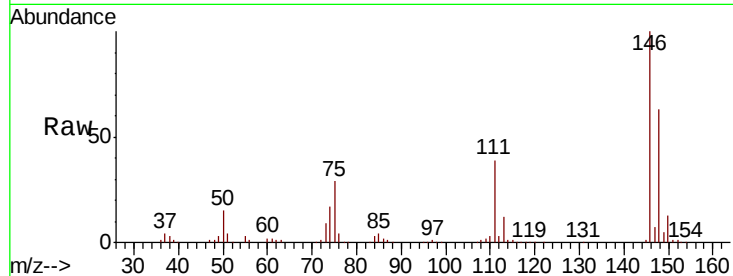




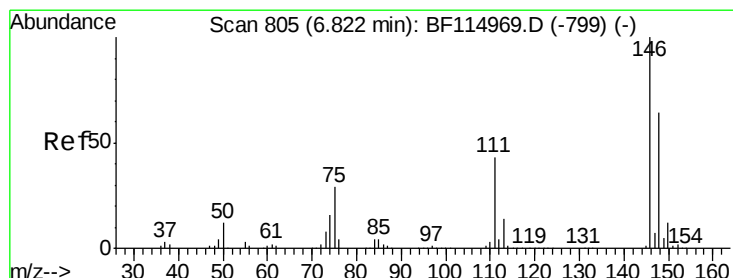
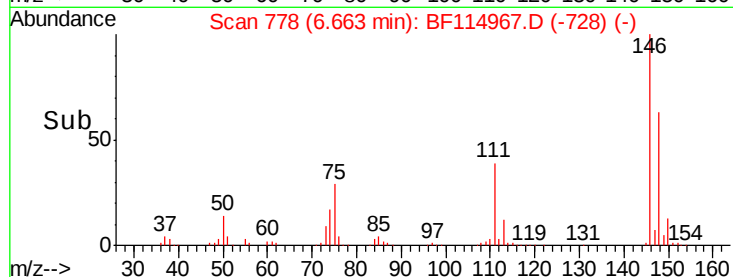
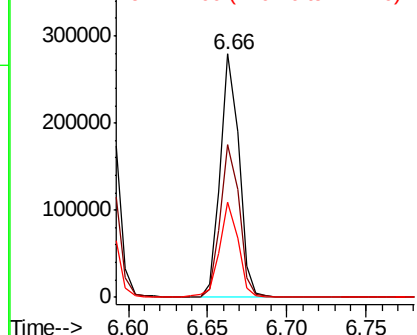
#13
 1,4-Dichlorobenzene
 Concen: 11.925 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF114967.D
 Acq: 12 Jun 2019 10:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 230245
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.2 78.2
 111 39.0 32.4 48.6

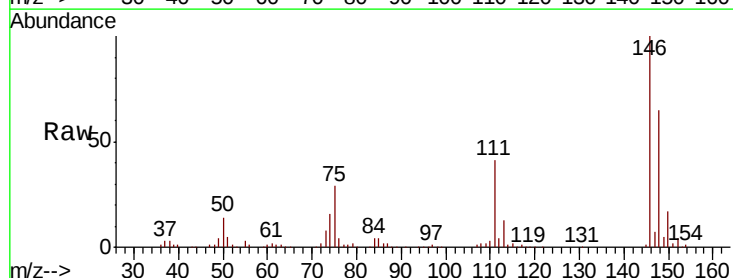


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

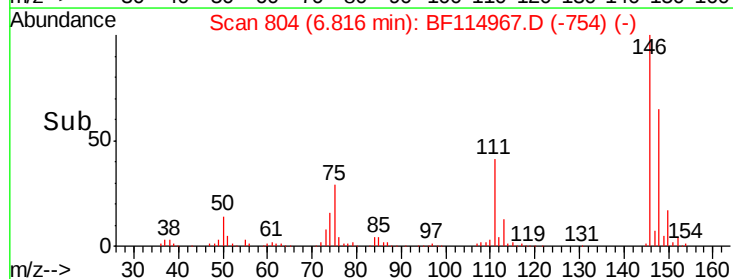
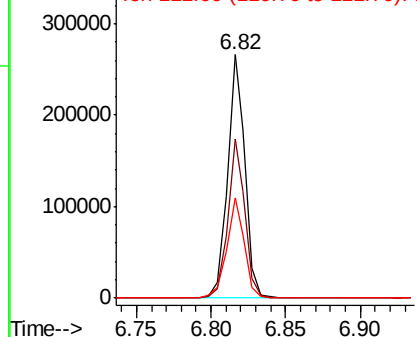


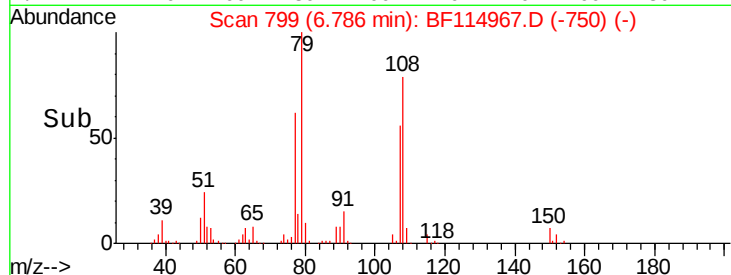
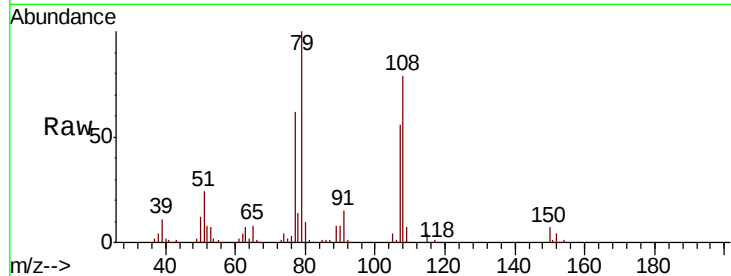
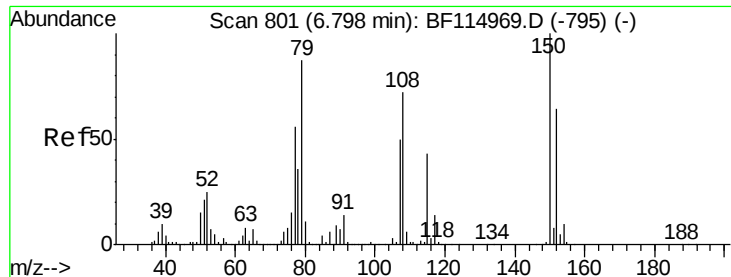
#14
 1,2-Dichlorobenzene
 Concen: 12.472 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF114967.D
 Acq: 12 Jun 2019 10:23

Tgt Ion:146 Resp: 218579
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.5 77.3
 111 41.4 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 12.469 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

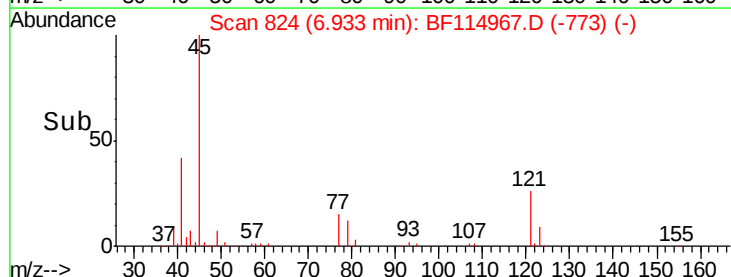
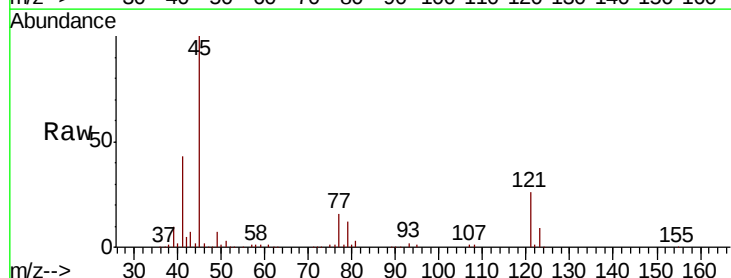
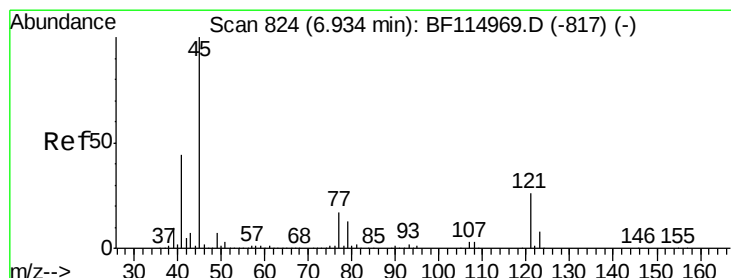
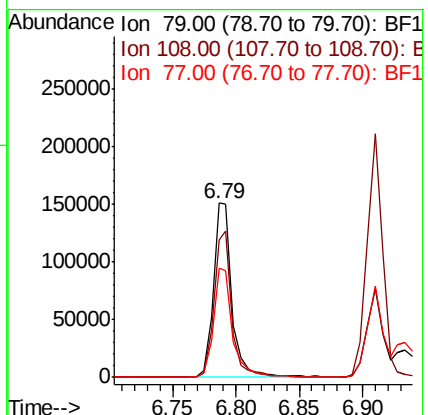
Tot Ion: 79 Resp: 157762

Ion Ratio Lower Upper

79 100

108 78.9 66.0 99.0

77 62.4 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 11.125 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

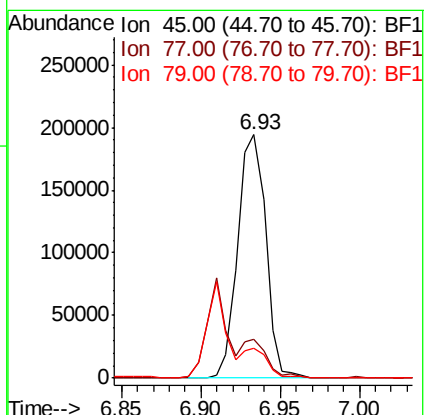
Tgt Ion: 45 Resp: 238419

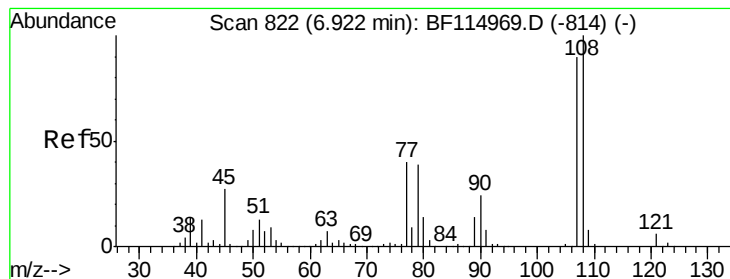
Ion Ratio Lower Upper

45 100

77 15.8 0.0 37.0

79 12.0 0.0 33.1





#17

2-Methylphenol

Concen: 11.170 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 155166

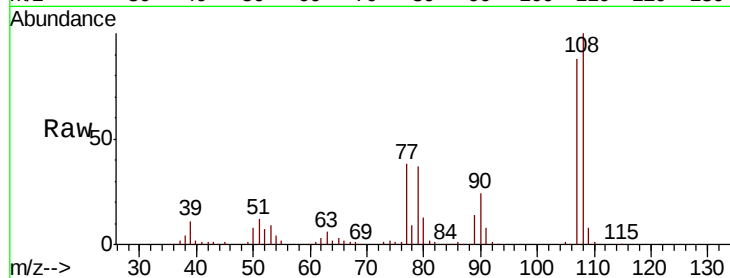
Ion Ratio Lower Upper

107 100

108 113.9 89.3 133.9

77 43.0 35.4 53.2

79 41.8 34.9 52.3

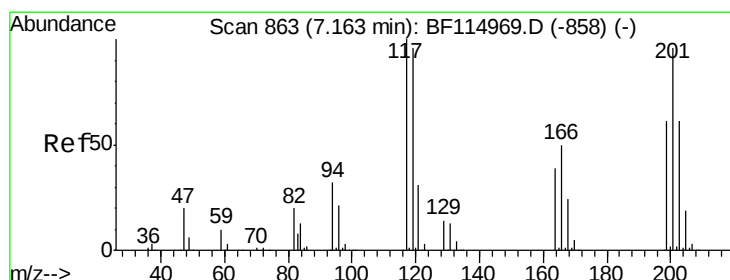
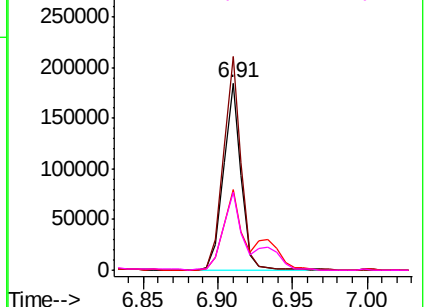
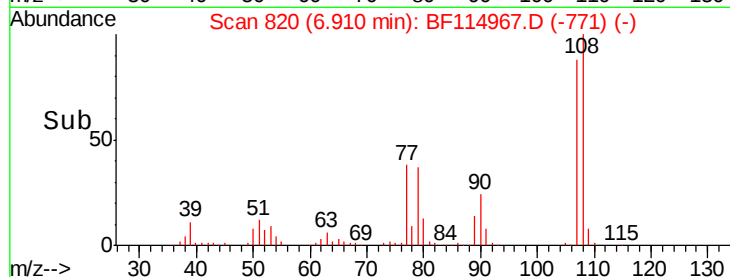


Abundance Ion 107.00 (106.70 to 107.70): E

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: 11.163 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

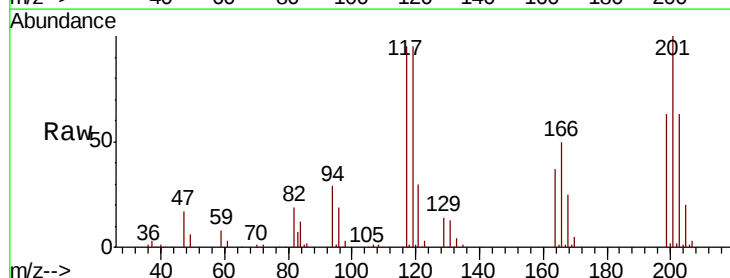
Tgt Ion:117 Resp: 79435

Ion Ratio Lower Upper

117 100

119 100.0 77.0 115.4

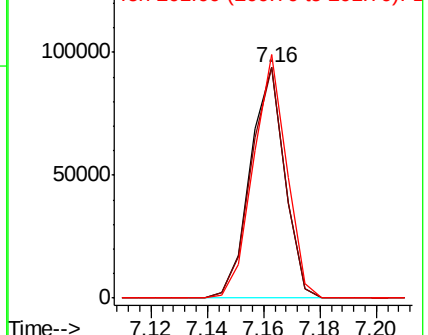
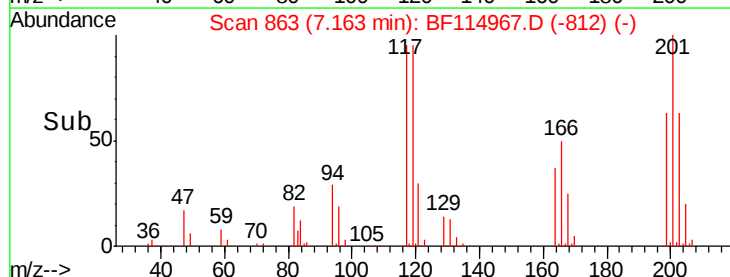
201 105.6 76.6 115.0

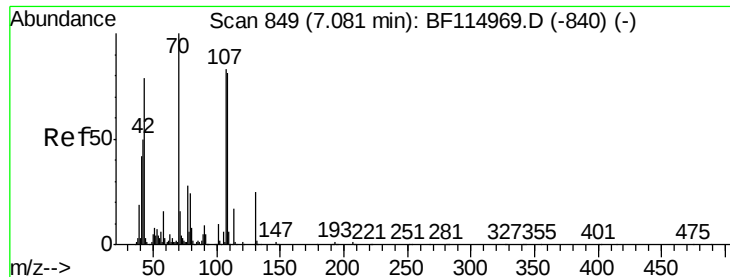


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

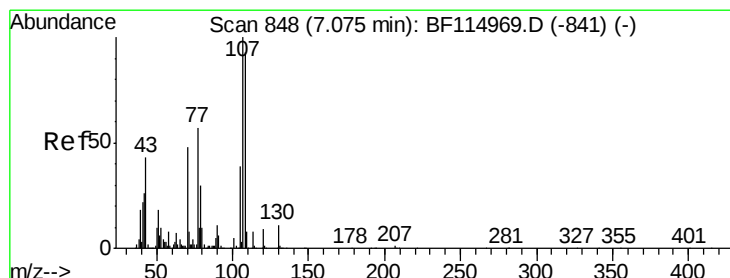
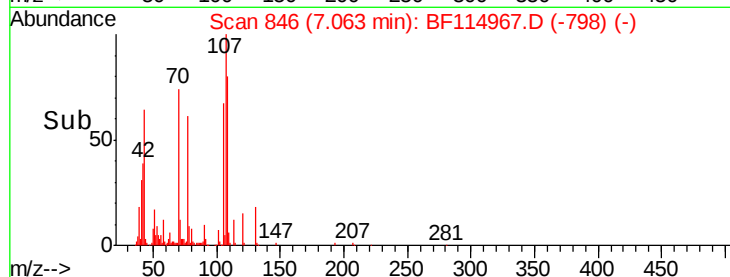
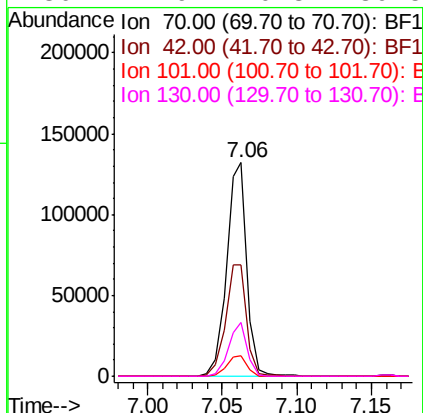
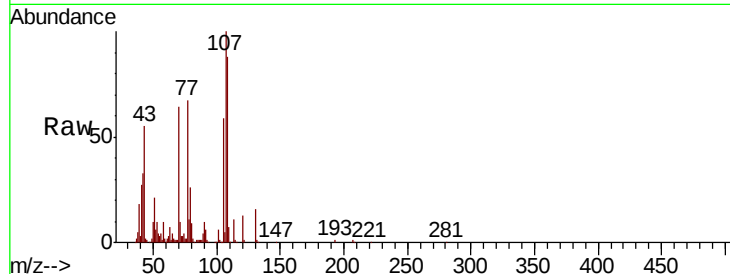




#19
n-Nitroso-di-n-propylamine
Concen: 11.491 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

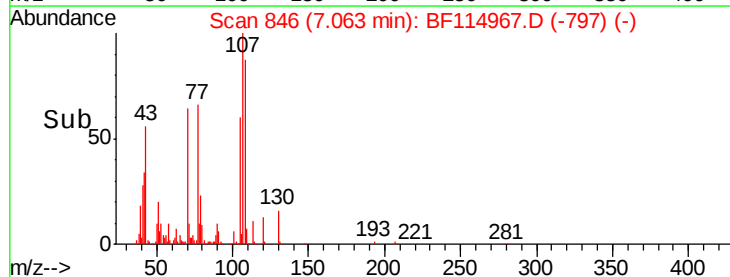
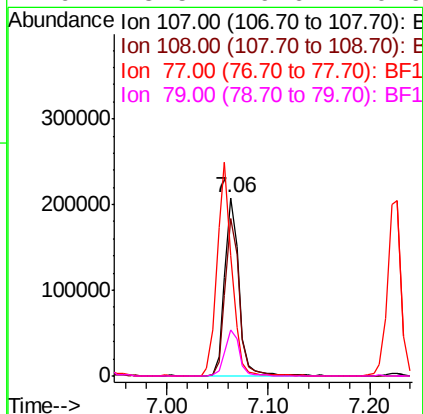
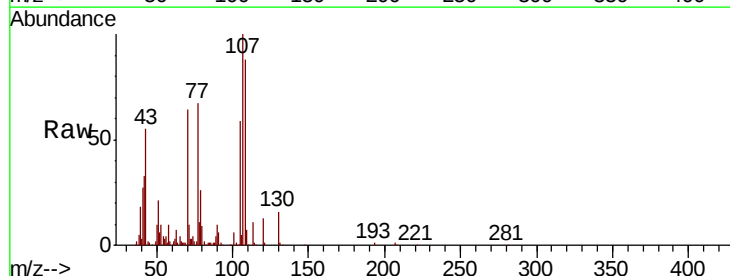
Instrument :
BNA_F
ClientSampleId :

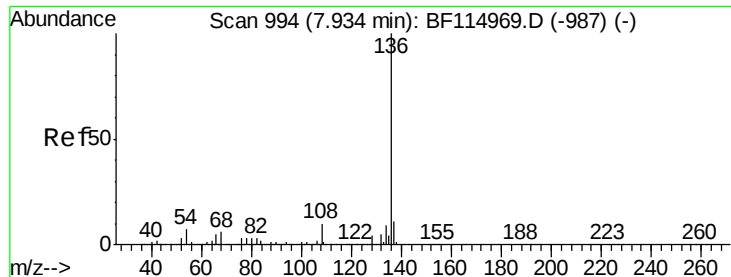
Tot Ion:	70	Resp:	125986
Ion	Ratio	Lower	Upper
70	100		
42	52.4	40.3	60.5
101	9.8	8.2	12.4
130	24.9	20.3	30.5



#20
3+4-Methylphenols
Concen: 13.174 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Tgt Ion:	107	Resp:	204912
Ion	Ratio	Lower	Upper
107	100		
108	88.2	73.1	113.1
77	67.3	37.3	77.3
79	25.5	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1000739

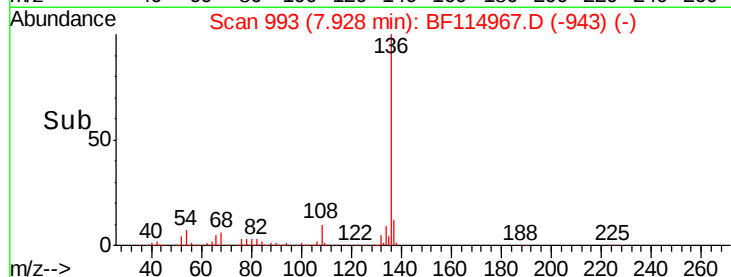
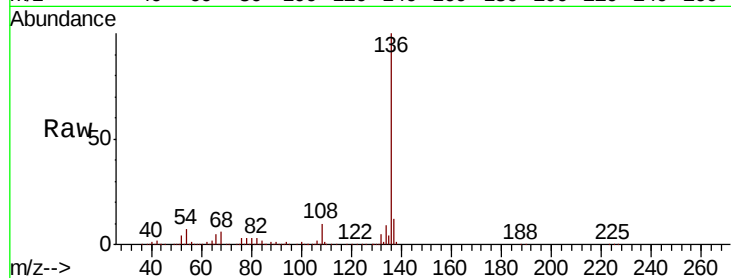
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.4

54 7.2 5.4 8.0

68 6.2 4.6 7.0

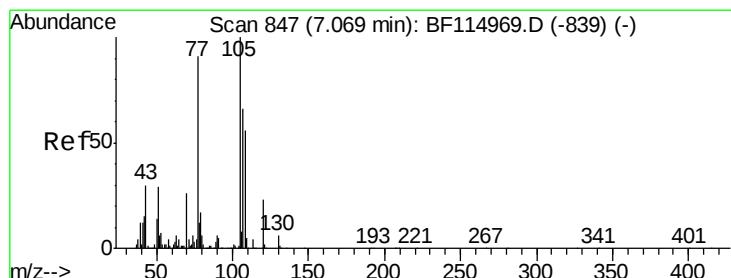
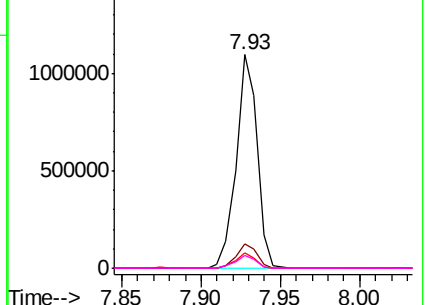


Abundance Ion 136.00 (135.70 to 136.70): E

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: 11.919 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

Tgt Ion:105 Resp: 267004

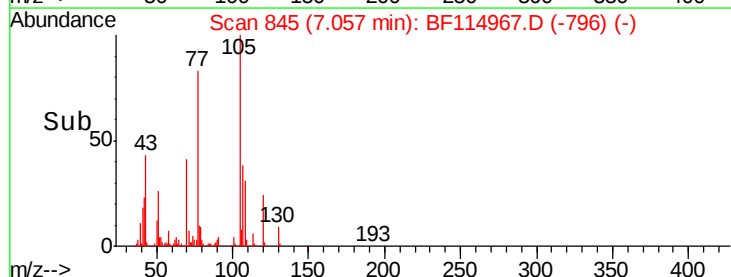
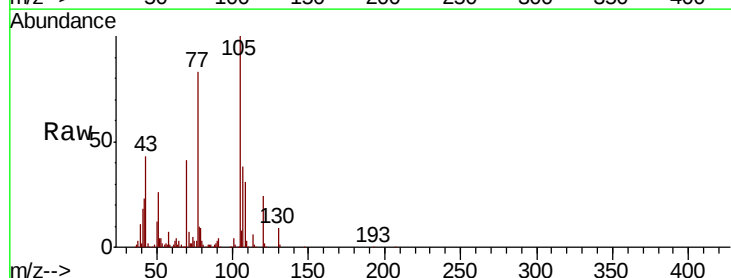
Ion Ratio Lower Upper

105 100

71 6.8 3.4 5.2#

51 26.1 23.3 34.9

120 23.9 18.8 28.2

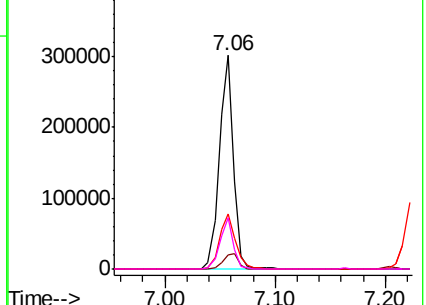


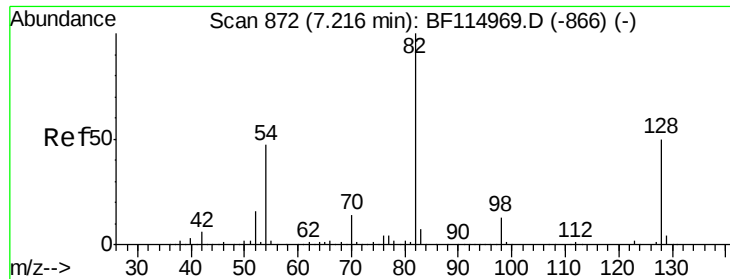
Abundance Ion 105.00 (104.70 to 105.70): E

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

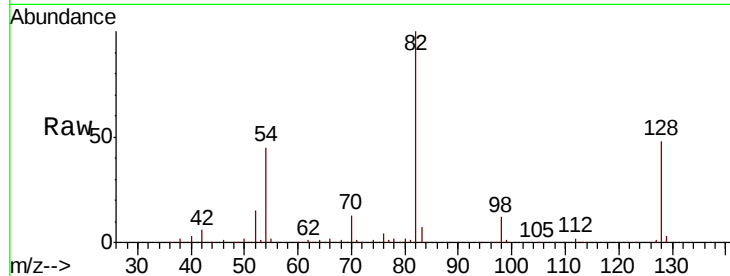




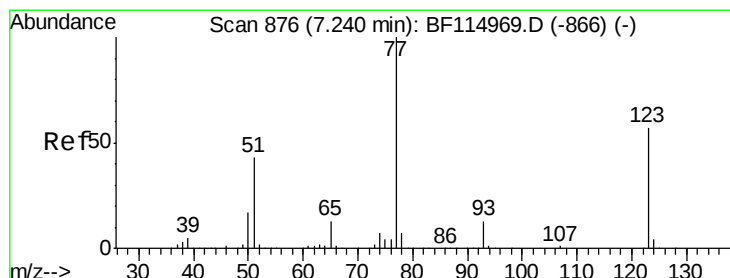
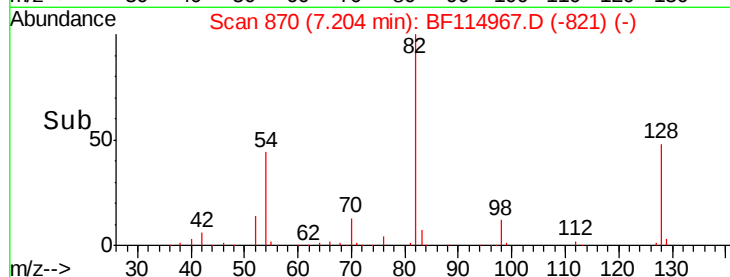
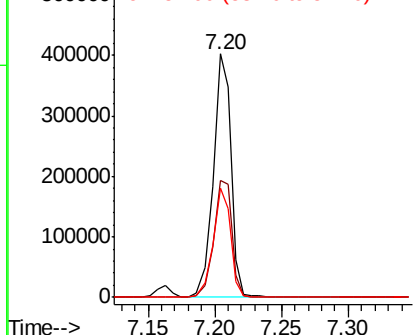
#23
Nitrobenzene-d5
Concen: 23.104 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 376301
Ion Ratio Lower Upper
82 100
128 48.1 39.9 59.9
54 45.1 37.3 55.9

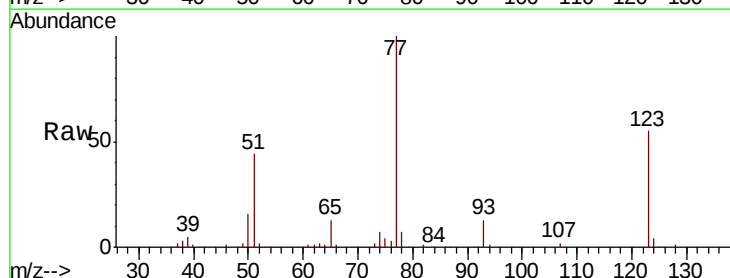


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

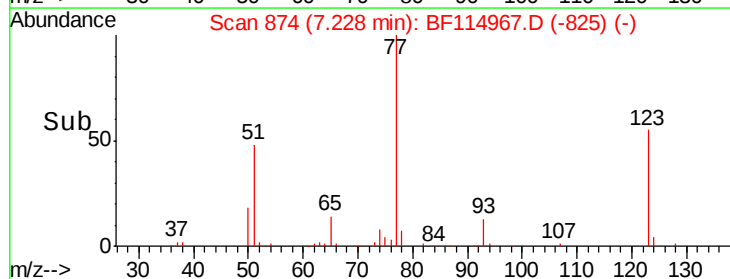
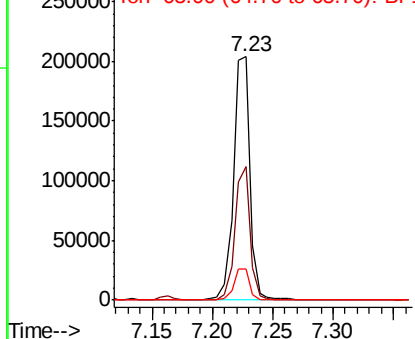


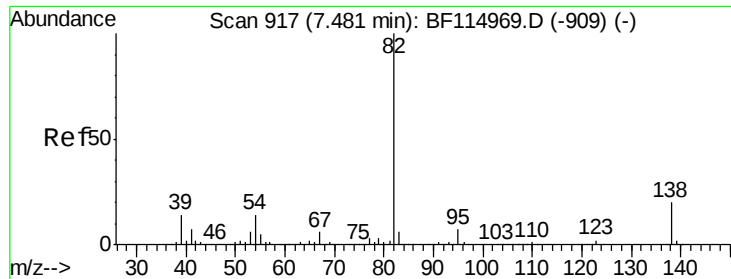
#24
Nitrobenzene
Concen: 11.321 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Tgt Ion: 77 Resp: 191810
Ion Ratio Lower Upper
77 100
123 54.9 45.5 68.3
65 12.7 10.3 15.5



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

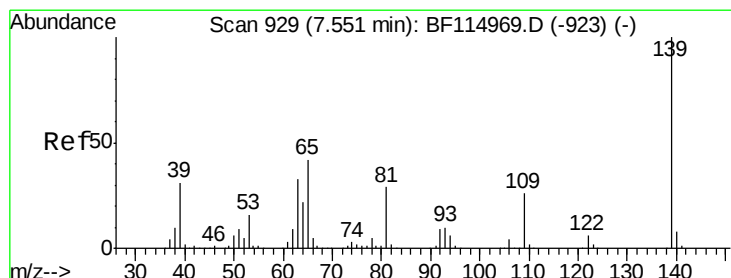
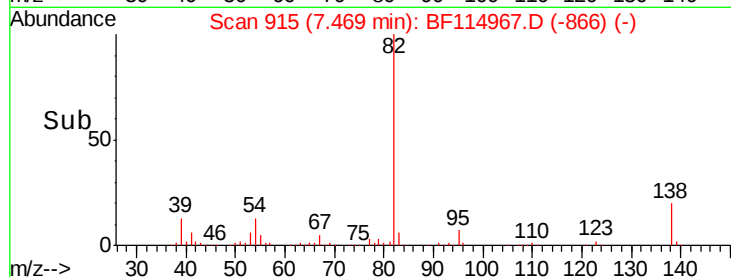
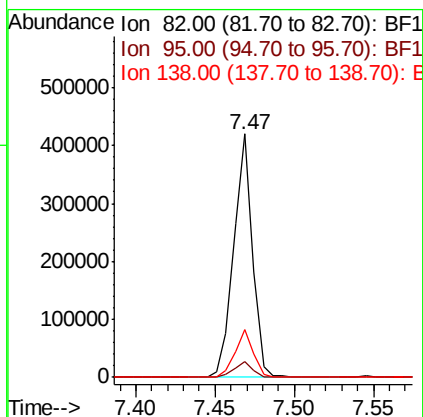
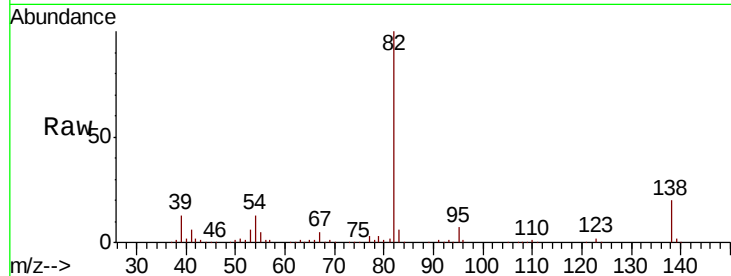




#25
Isophorone
Concen: 10.892 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

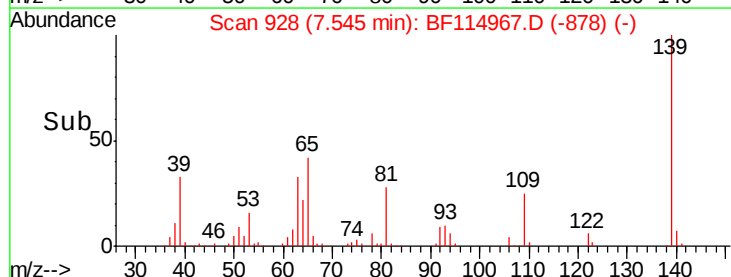
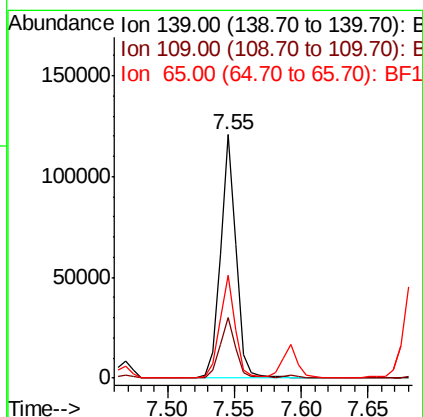
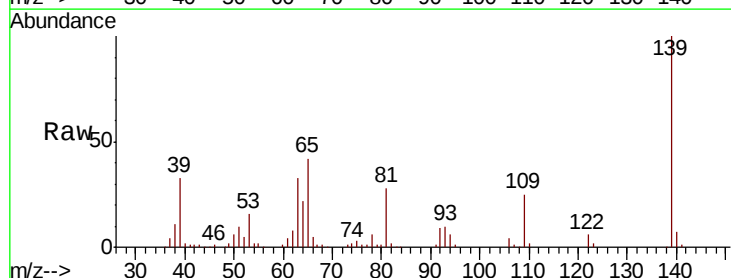
Instrument :
BNA_F
ClientSampleId :

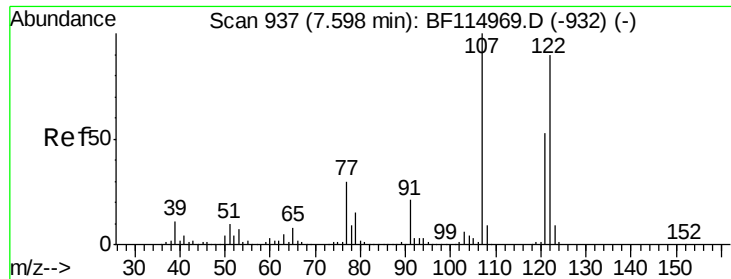
Tot Ion: 82 Resp: 347383
Ion Ratio Lower Upper
82 100
95 6.6 5.6 8.4
138 19.7 16.1 24.1



#26
2-Nitrophenol
Concen: 10.623 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Tgt Ion: 139 Resp: 99999
Ion Ratio Lower Upper
139 100
109 24.6 20.8 31.2
65 42.1 33.4 50.2

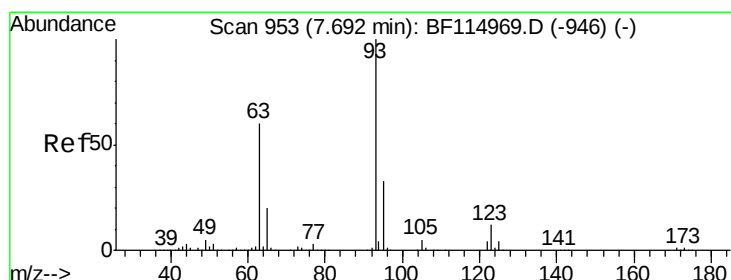
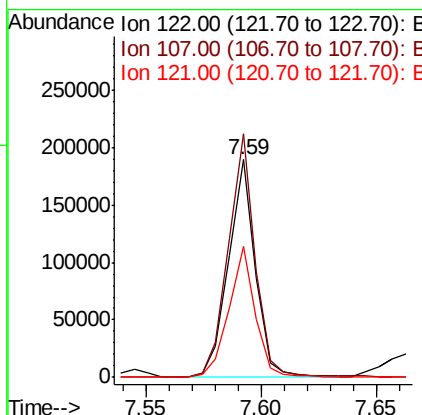
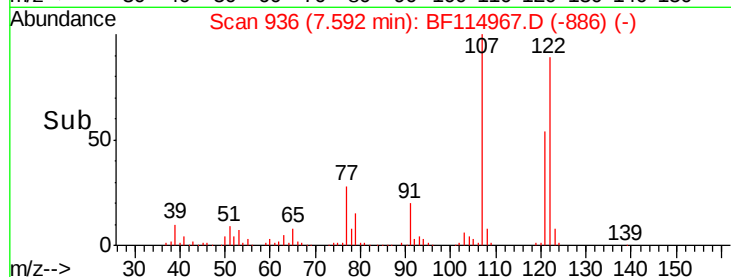
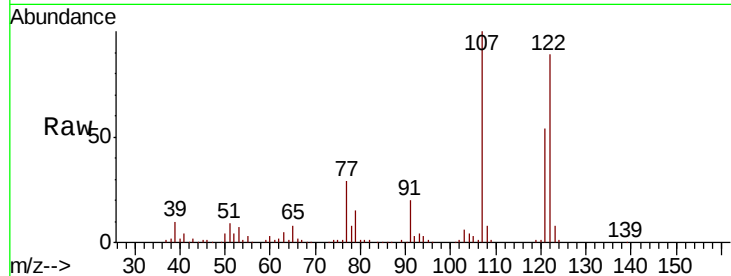




#27
 2,4-Dimethylphenol
 Concen: 11.153 ng
 RT: 7.59 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF114967.D
 Acq: 12 Jun 2019 10:23

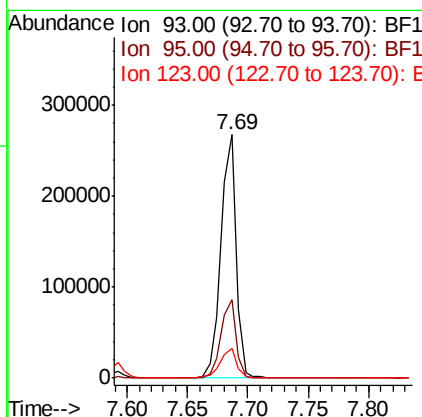
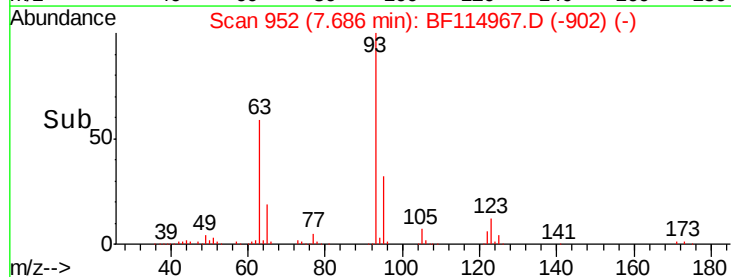
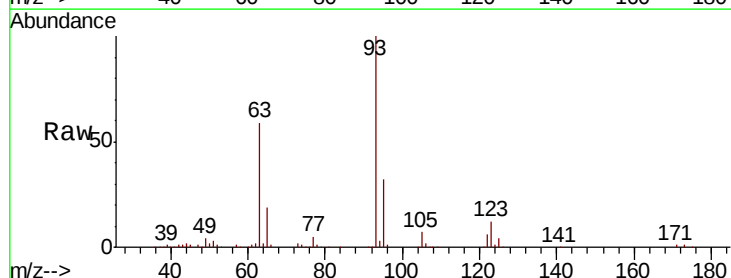
Instrument :
 BNA_F
 ClientSampled :

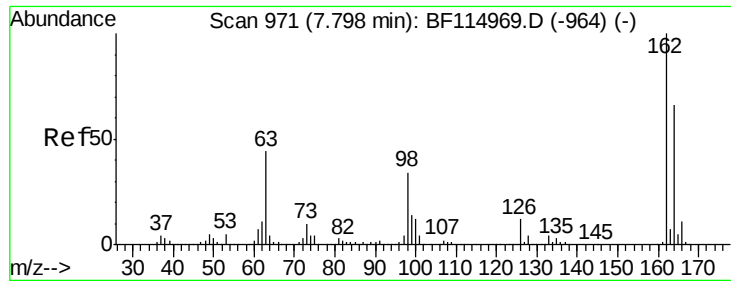
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.9	88.8	133.2
121	60.2	47.4	71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 11.378 ng
 RT: 7.69 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF114967.D
 Acq: 12 Jun 2019 10:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.6	40.0
123	12.0	9.9	14.9

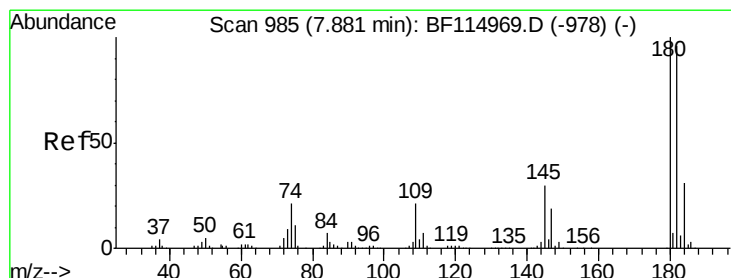
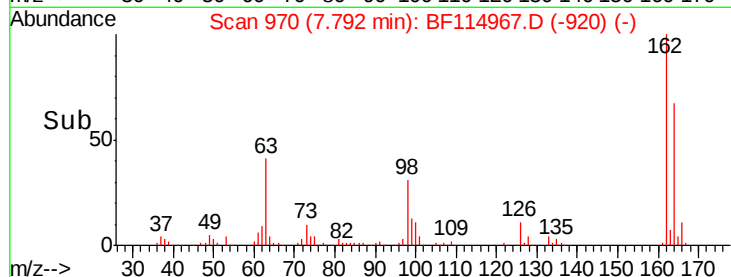
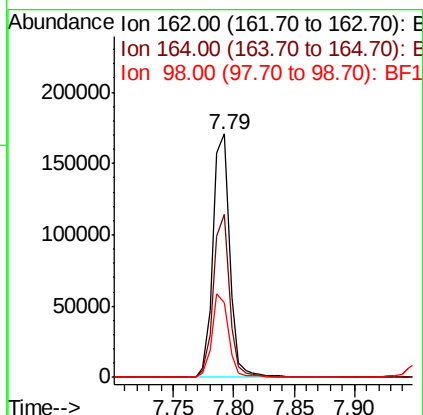
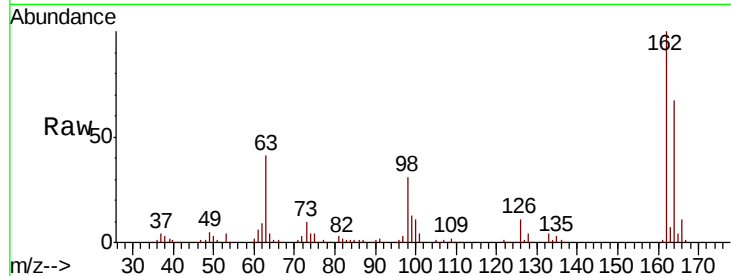




#29
2,4-Dichlorophenol
Concen: 11.368 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

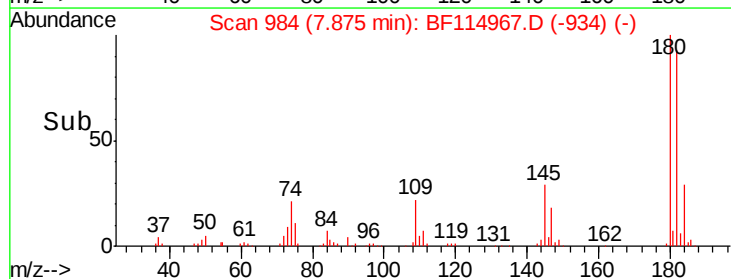
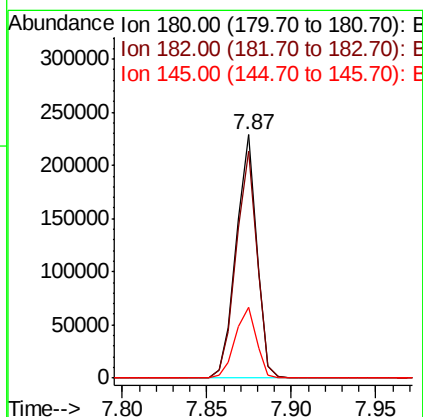
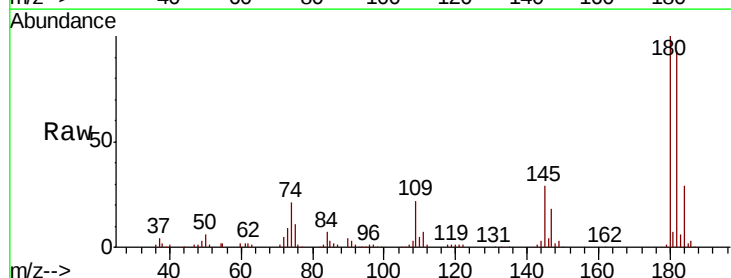
Instrument :
BNA_F
ClientSampled :

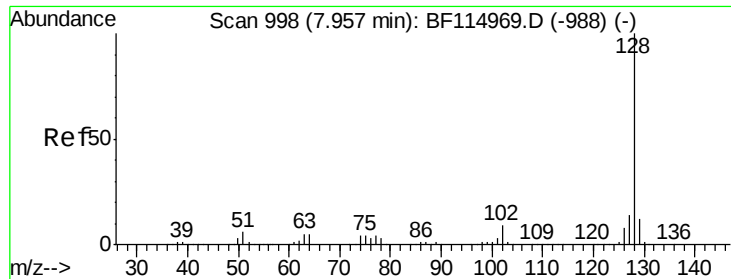
Tot Ion:162 Resp: 163991
Ion Ratio Lower Upper
162 100
164 66.8 45.7 85.7
98 30.8 14.0 54.0



#30
1,2,4-Trichlorobenzene
Concen: 11.685 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Tgt Ion:180 Resp: 193447
Ion Ratio Lower Upper
180 100
182 93.2 76.7 115.1
145 29.0 24.1 36.1

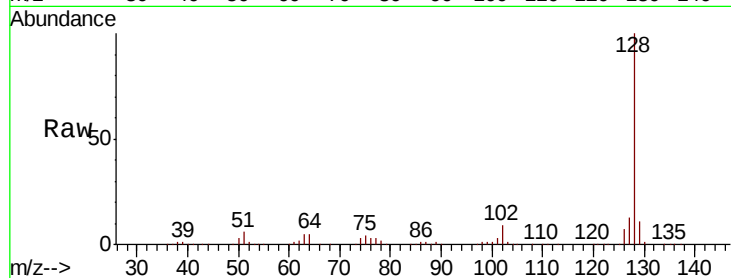




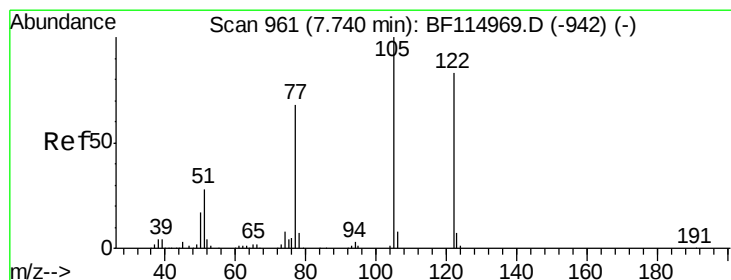
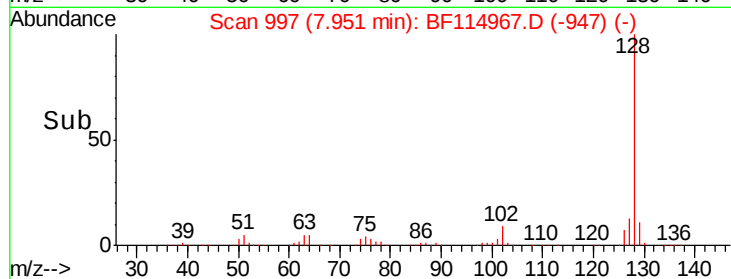
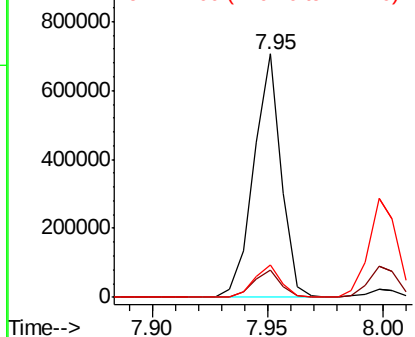
#31
Naphthalene
Concen: 12.695 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 585397
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.3 11.5 17.3

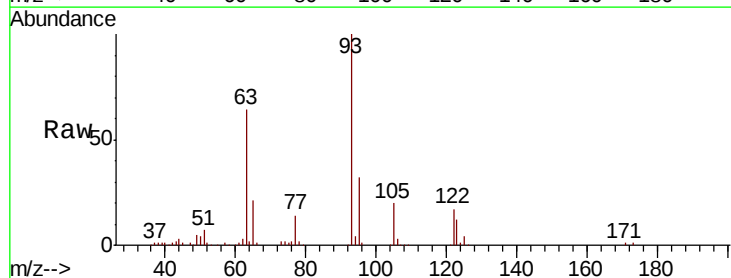


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

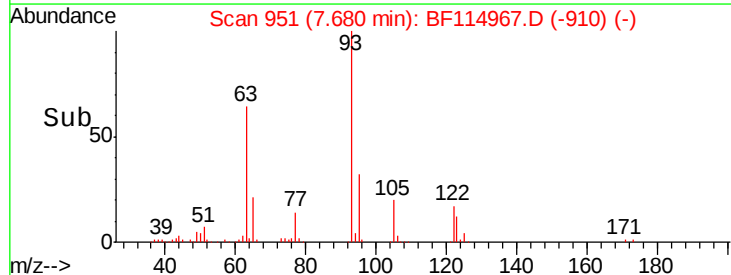
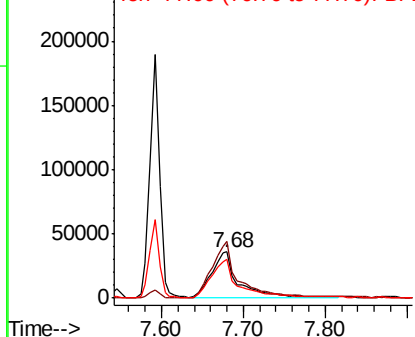


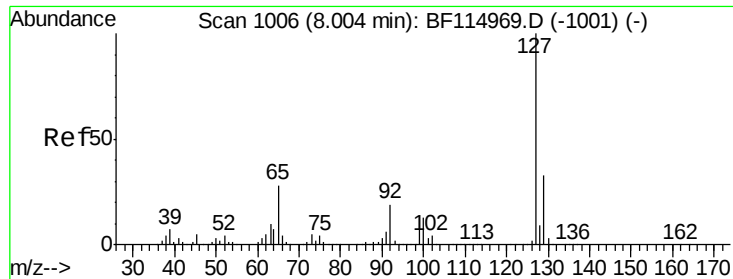
#32
Benzoic acid
Concen: 7.903 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.06 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Tgt Ion:122 Resp: 81318
Ion Ratio Lower Upper
122 100
105 121.3 98.6 138.6
77 83.6 60.9 100.9



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

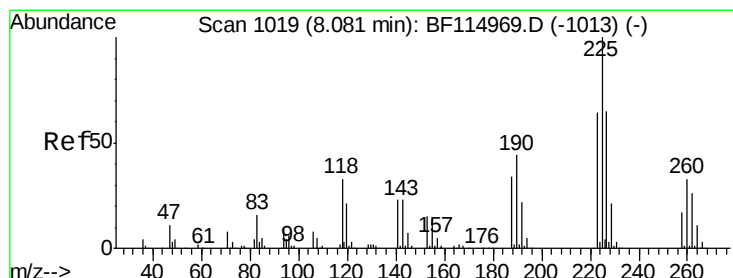
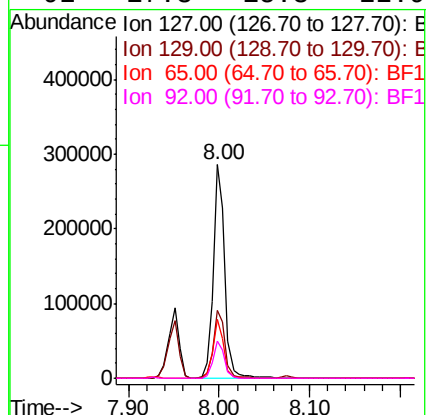
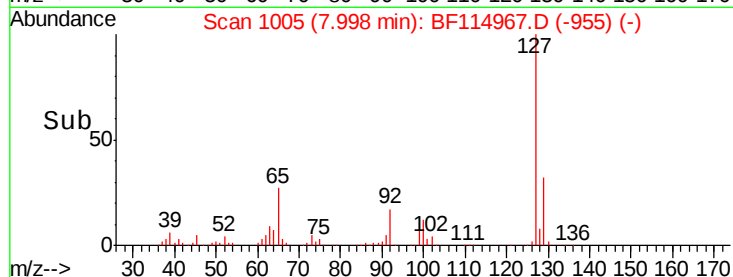
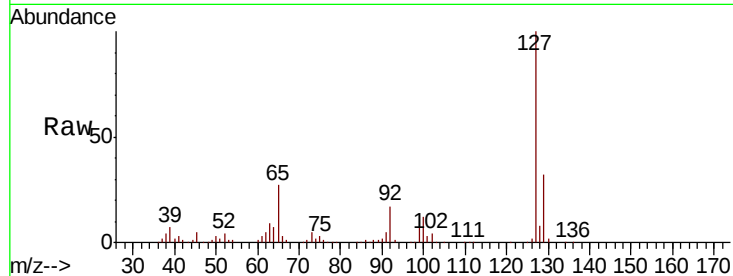




#33
4-Chloroaniline
Concen: 11.709 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

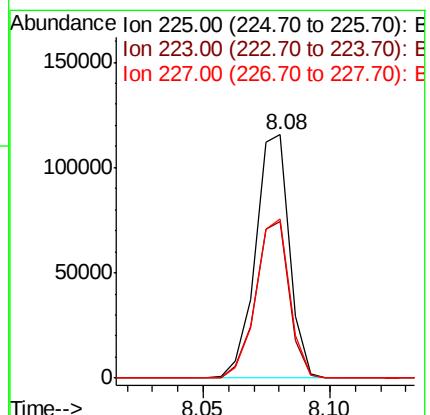
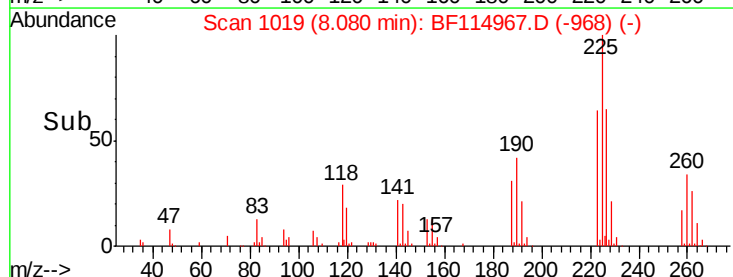
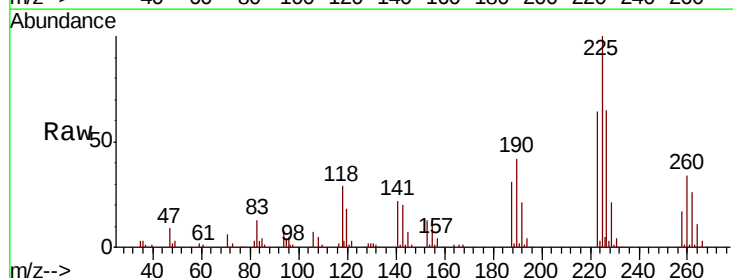
Instrument :
BNA_F
ClientSampleId :

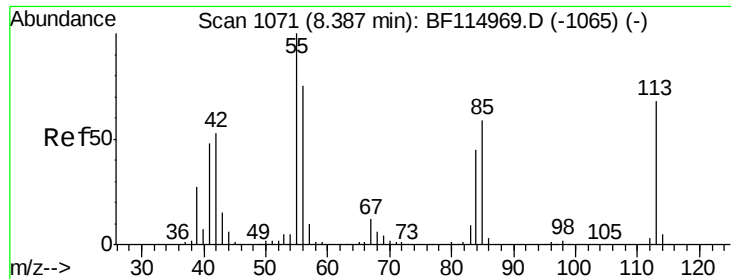
Tot Ion:	127	Resp:	254803
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	27.4	22.3	33.5
92	17.3	15.3	22.9



#34
Hexachlorobutadiene
Concen: 11.589 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Tgt Ion:	225	Resp:	107603
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.0	76.6
227	65.4	51.7	77.5

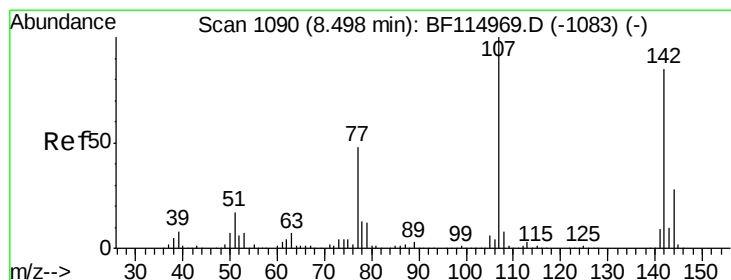
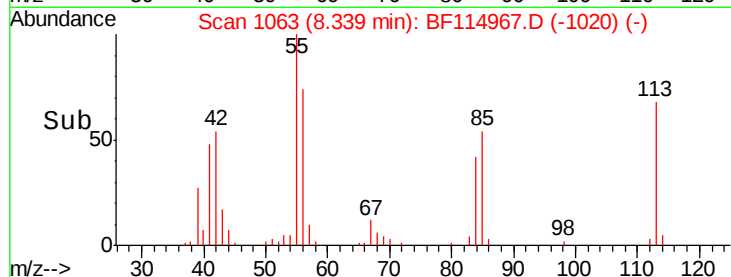
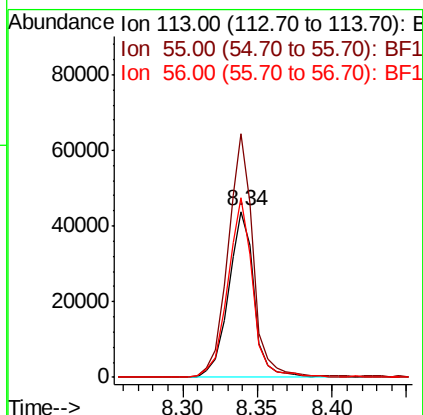
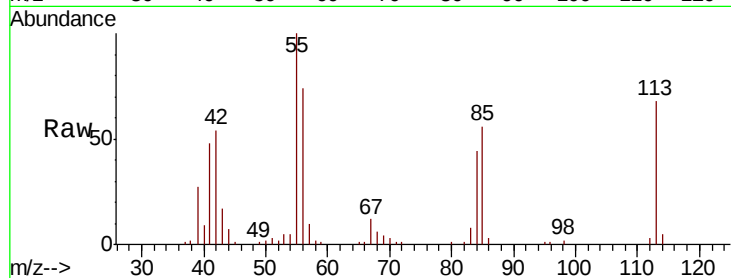




#35
 Caprolactam
 Concen: 10.778 ng
 RT: 8.34 min Scan# 1063
 Delta R.T. -0.05 min
 Lab File: BF114967.D
 Acq: 12 Jun 2019 10:23

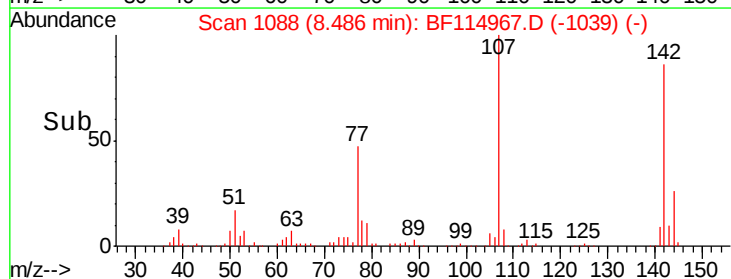
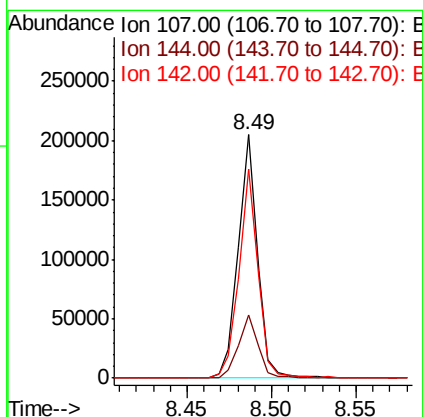
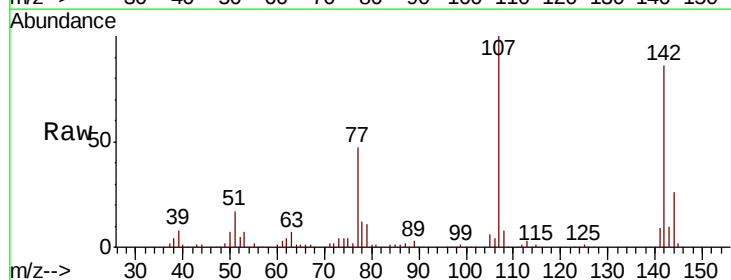
Instrument :
 BNA_F
 ClientSampled :

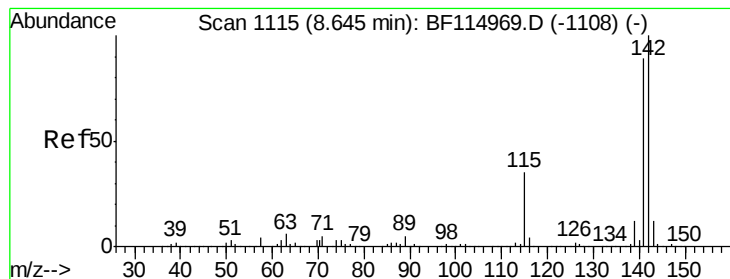
Tot Ion:113 Resp: 52370
 Ion Ratio Lower Upper
 113 100
 55 146.8 127.3 167.3
 56 108.5 90.6 130.6



#36
 4-Chloro-3-methylphenol
 Concen: 11.145 ng
 RT: 8.49 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF114967.D
 Acq: 12 Jun 2019 10:23

Tgt Ion:107 Resp: 163286
 Ion Ratio Lower Upper
 107 100
 144 26.2 22.0 33.0
 142 85.8 68.2 102.4





#37

2-Methylnaphthalene

Concen: 12.477 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

Instrument :

BNA_F

ClientSampleId :

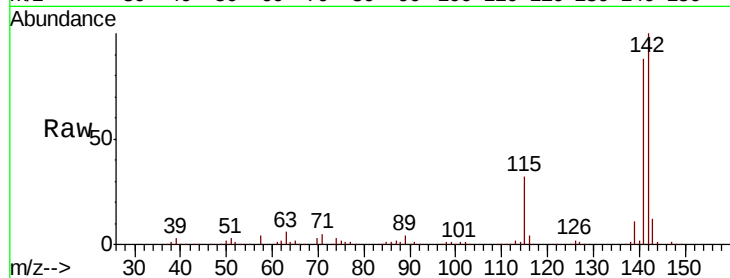
Tot Ion:142 Resp: 390950

Ion Ratio Lower Upper

142 100

141 88.4 71.0 106.6

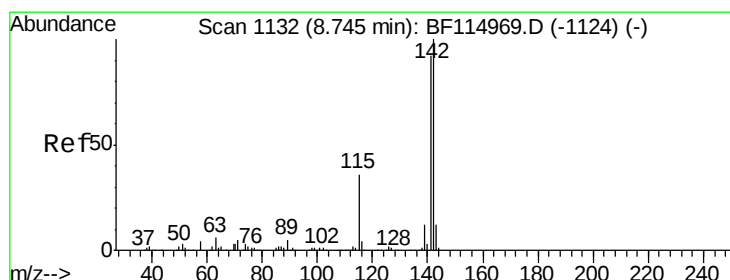
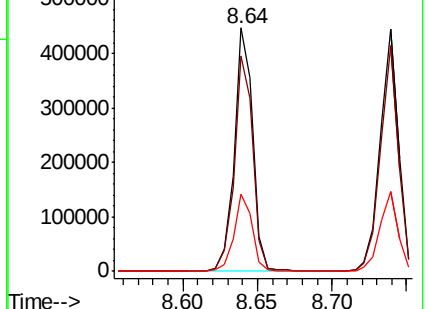
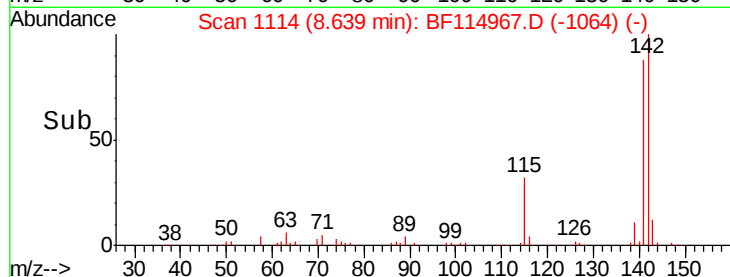
115 32.0 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 12.497 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

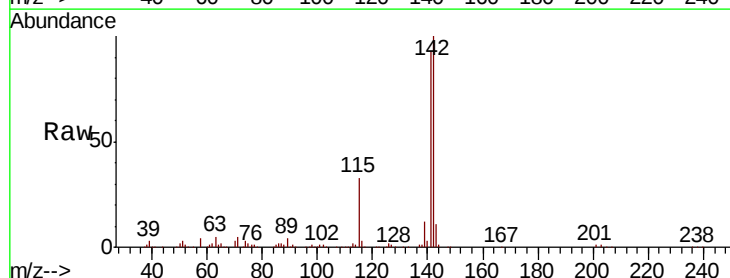
Tgt Ion:142 Resp: 370350

Ion Ratio Lower Upper

142 100

141 93.4 73.8 110.8

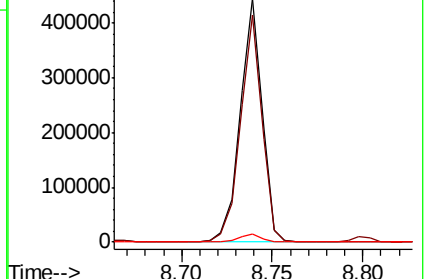
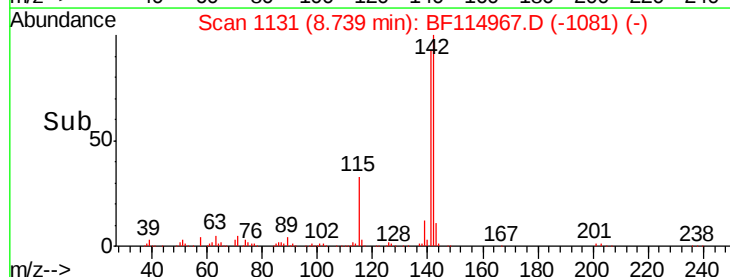
116 3.4 2.9 4.3

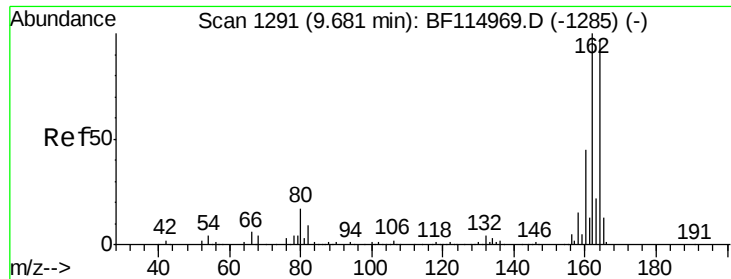


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

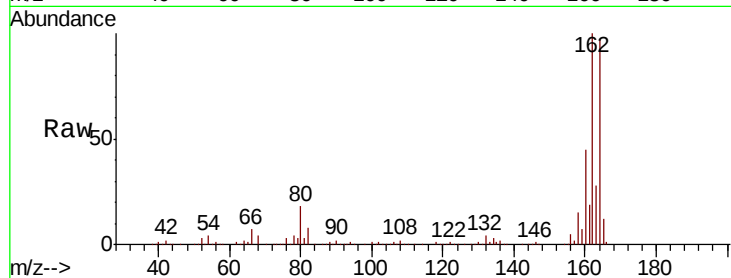




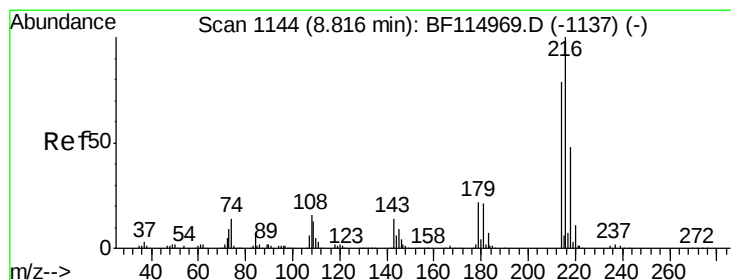
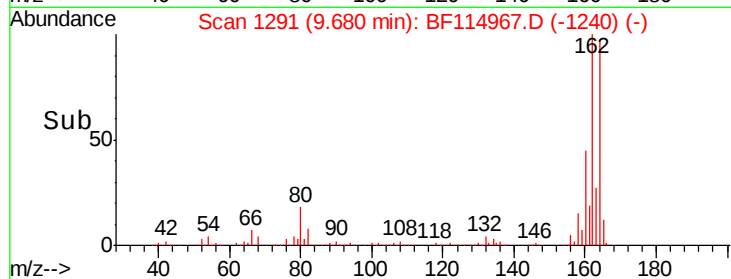
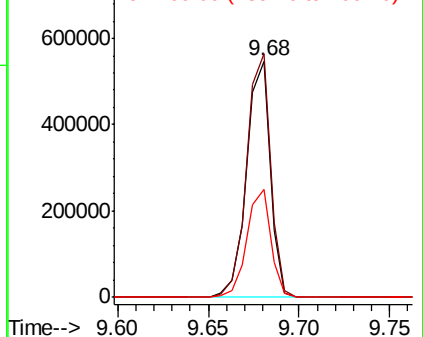
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	124.0
160	46.0	36.9	55.3

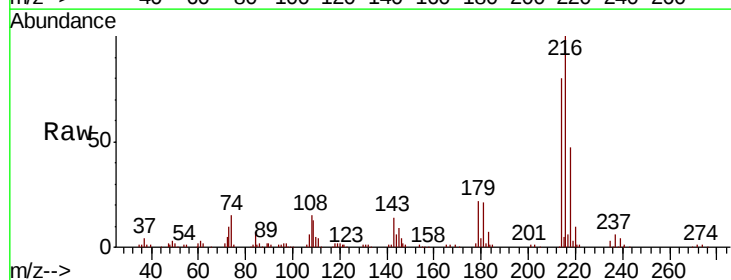


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

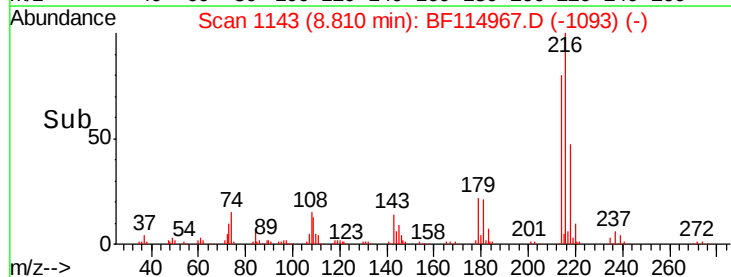
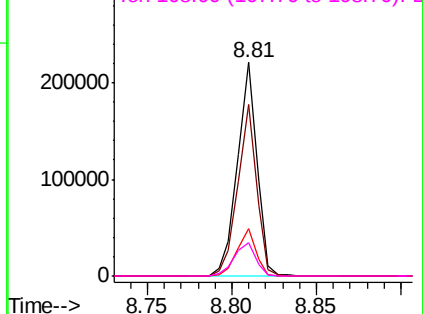


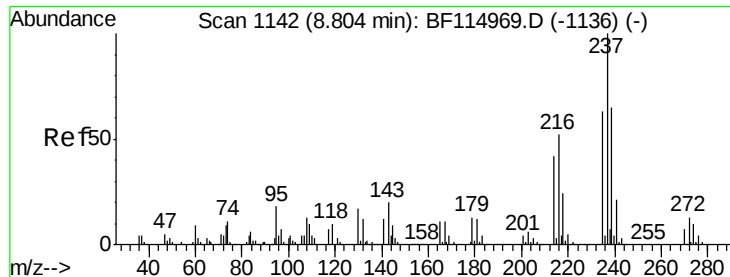
#40
1,2,4,5-Tetrachlorobenzene
Concen: 12.446 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.7	95.5
179	21.4	18.2	27.4
108	17.3	15.0	22.6



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: 7.578 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

Instrument :

BNA_F

ClientSampleId :

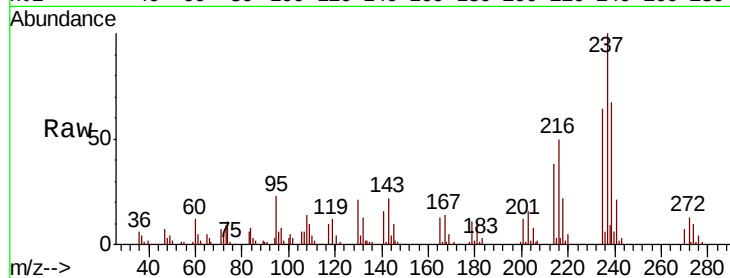
Tot Ion:237 Resp: 61417

Ion Ratio Lower Upper

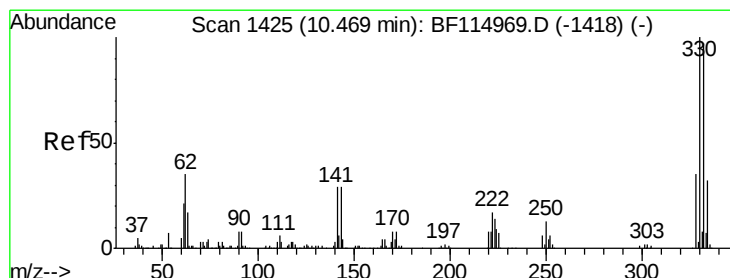
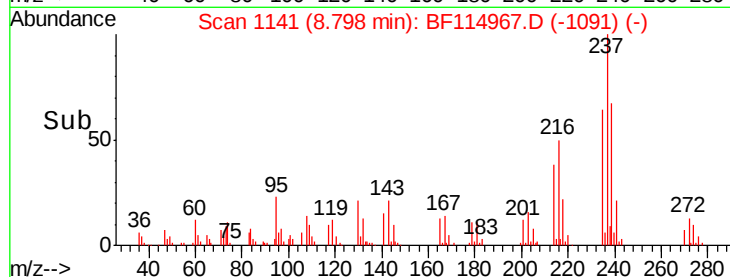
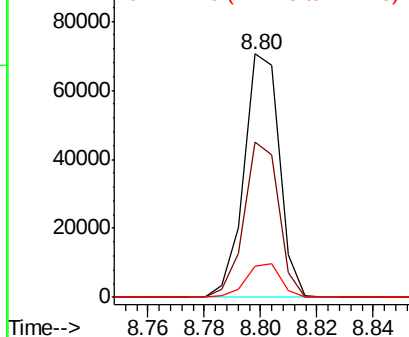
237 100

235 63.6 42.7 82.7

272 12.8 0.0 32.7



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: 23.591 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

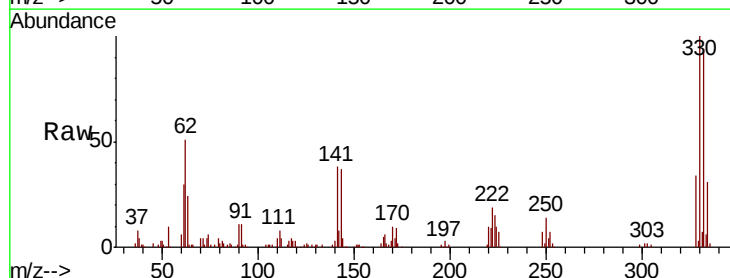
Tgt Ion:330 Resp: 127270

Ion Ratio Lower Upper

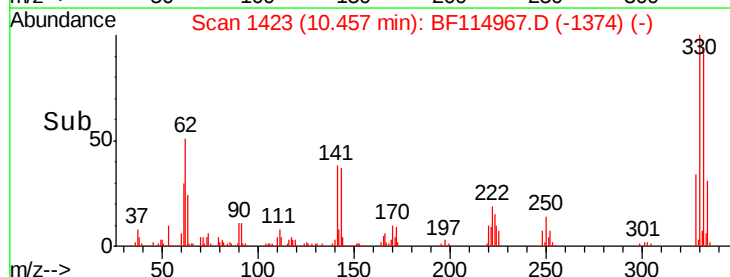
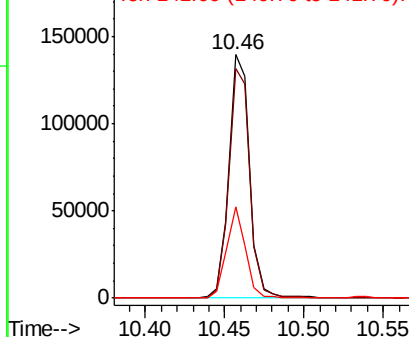
330 100

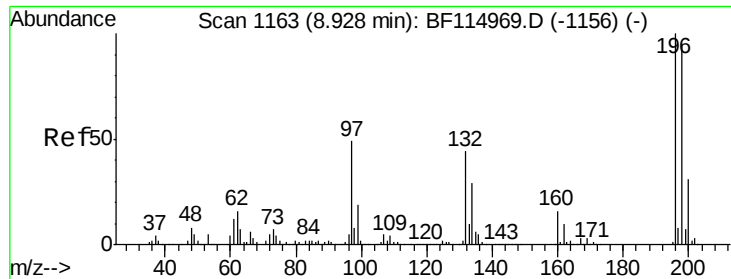
332 95.7 77.6 116.4

141 33.9 27.2 40.8



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

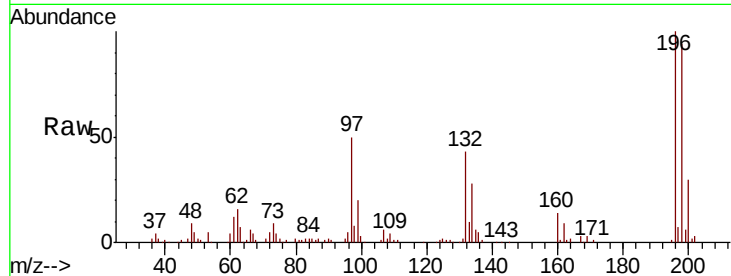




#43
 2,4,6-Trichlorophenol
 Concen: 11.181 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF114967.D
 Acq: 12 Jun 2019 10:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	121060
Ion Ratio	Lower	Upper	
196	100		
198	94.1	75.8	113.8
200	30.5	24.9	37.3

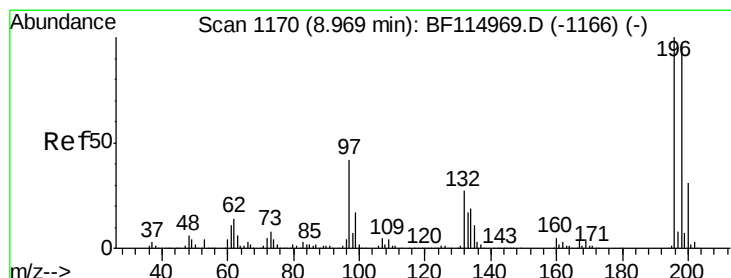
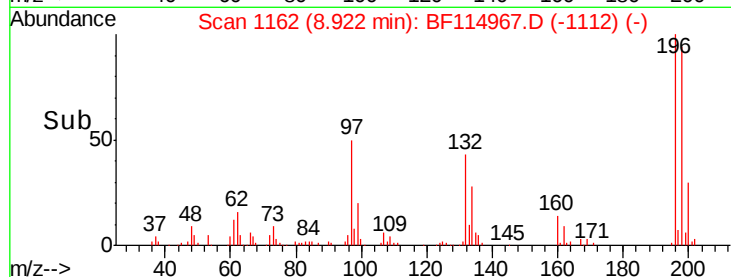
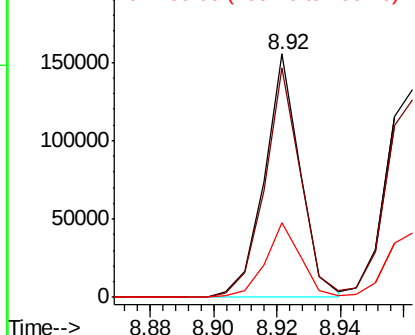


Abundance

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: 11.055 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF114967.D
 Acq: 12 Jun 2019 10:23

Tgt Ion	196	Resp	123418
Ion Ratio	Lower	Upper	
196	100		
198	95.1	77.3	115.9
97	38.9	34.2	51.4
132	26.3	22.1	33.1

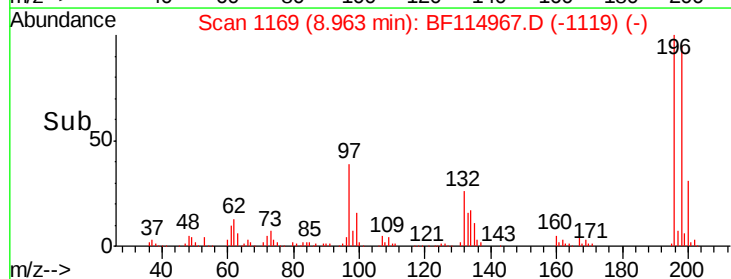
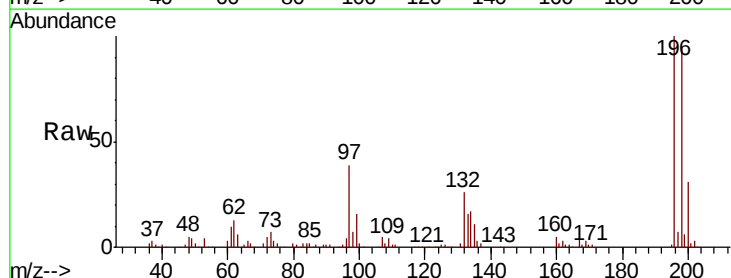
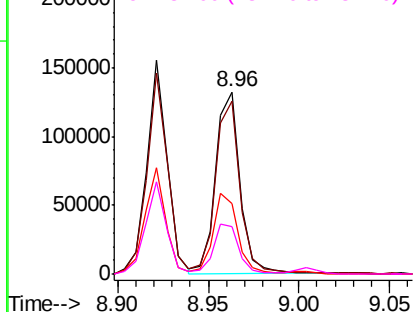
Abundance

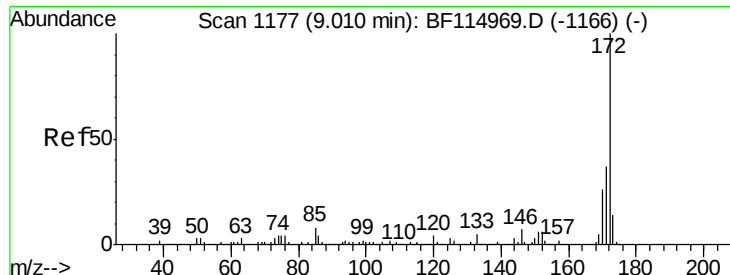
Ion 196.00 (195.70 to 196.70): E

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

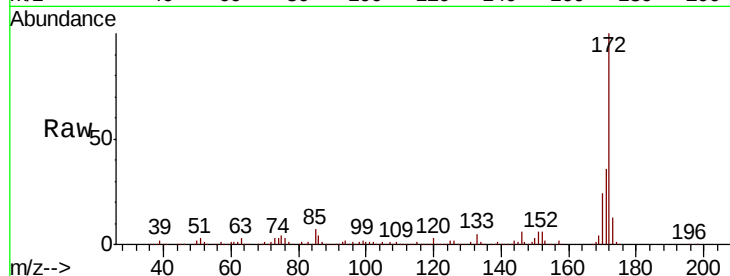




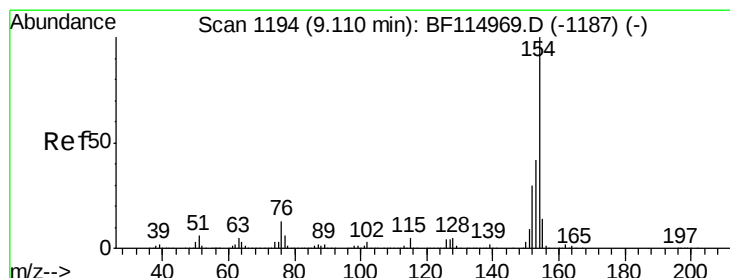
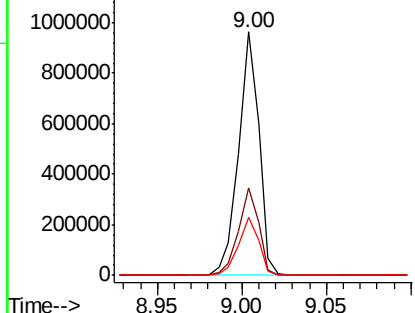
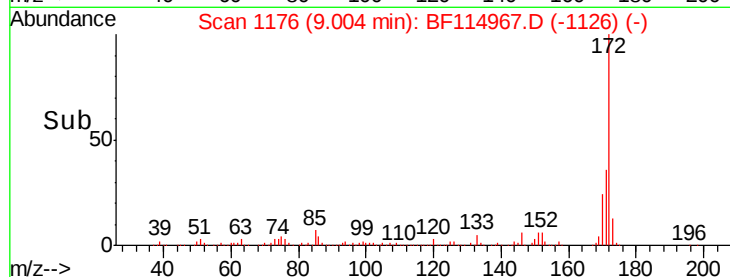
#45
2-Fluorobiphenyl
Concen: 25.804 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 806333
Ion Ratio Lower Upper
172 100
171 36.1 29.8 44.6
170 24.0 20.6 31.0

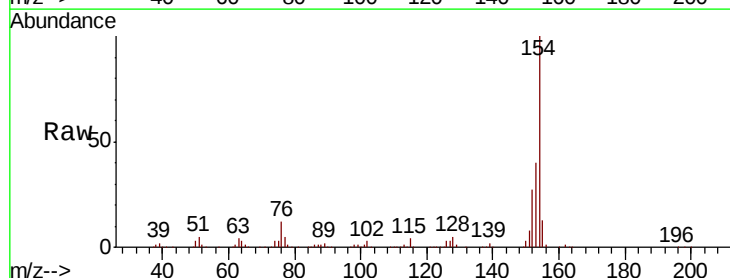


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

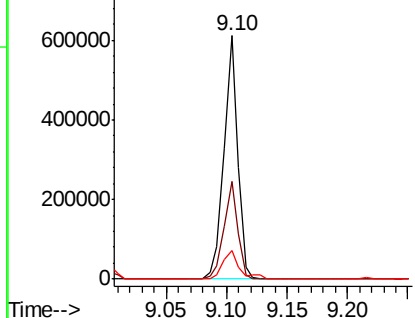
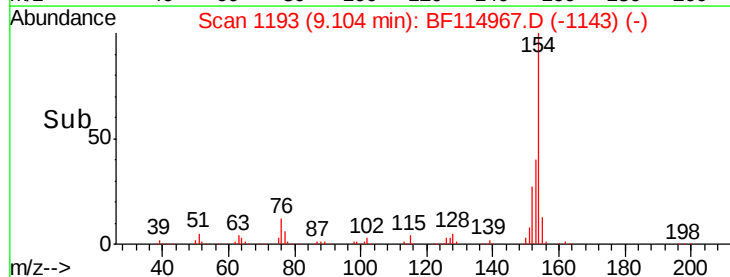


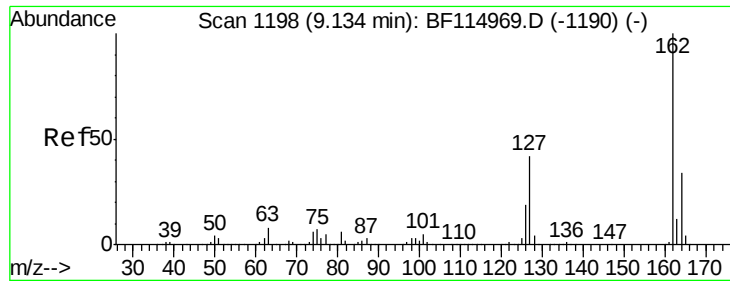
#46
1,1'-Biphenyl
Concen: 12.951 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Tgt Ion:154 Resp: 480530
Ion Ratio Lower Upper
154 100
153 40.1 22.4 62.4
76 11.9 0.0 33.3



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

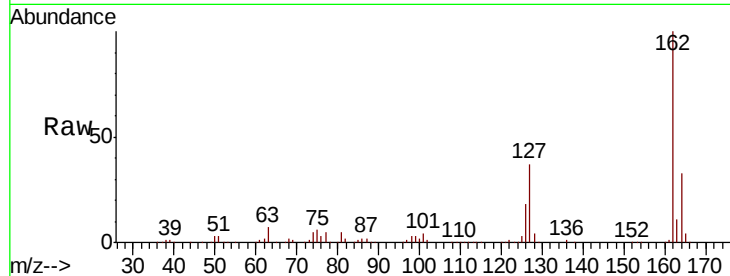




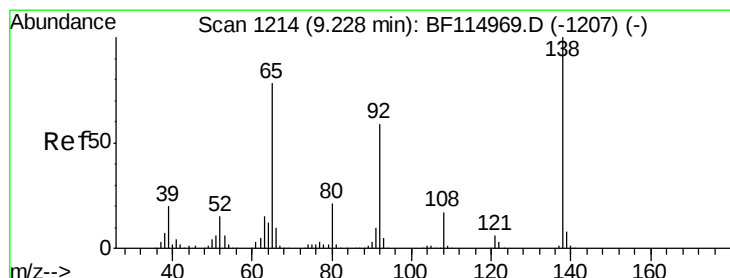
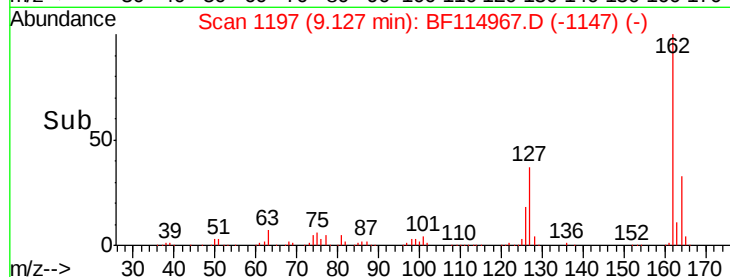
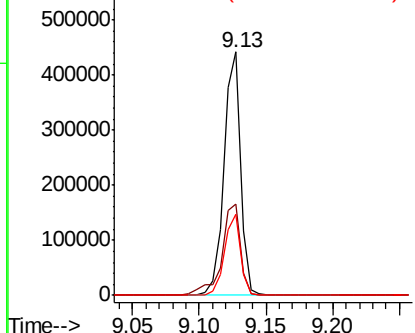
#47
2-Chloronaphthalene
Concen: 12.441 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 389681
Ion Ratio Lower Upper
162 100
127 37.4 33.4 50.2
164 33.2 27.2 40.8

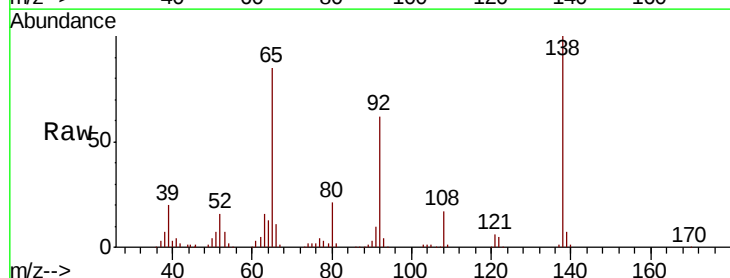


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

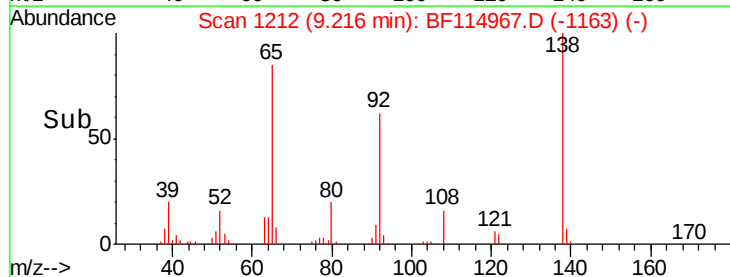
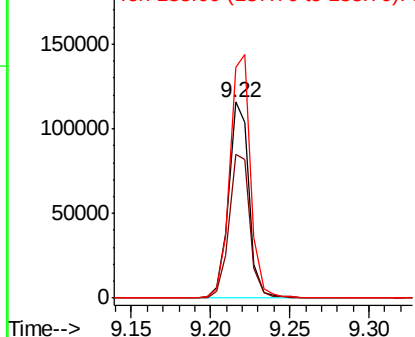


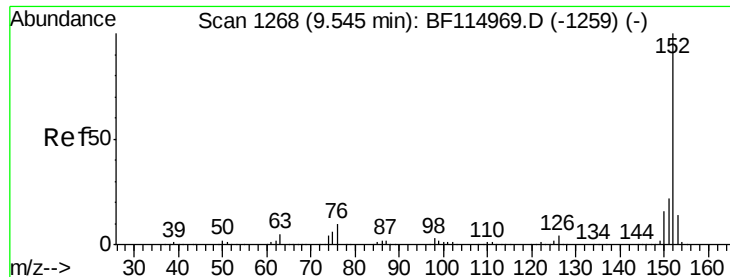
#48
2-Nitroaniline
Concen: 10.827 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Tgt Ion: 65 Resp: 103226
Ion Ratio Lower Upper
65 100
92 73.2 60.5 90.7
138 117.5 102.0 153.0



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





#49

Acenaphthylene

Concen: 12.852 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

Instrument :

BNA_F

ClientSampleId :

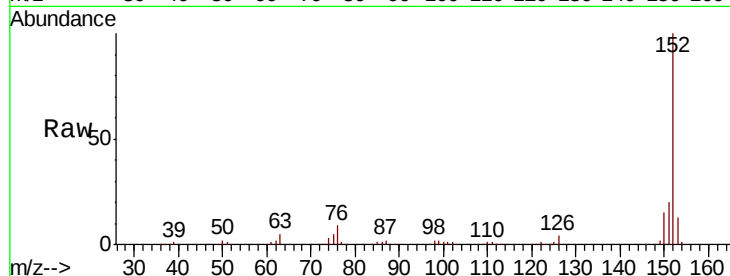
Tot Ion:152 Resp: 593212

Ion Ratio Lower Upper

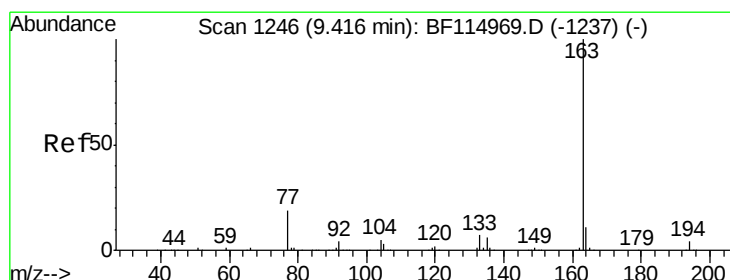
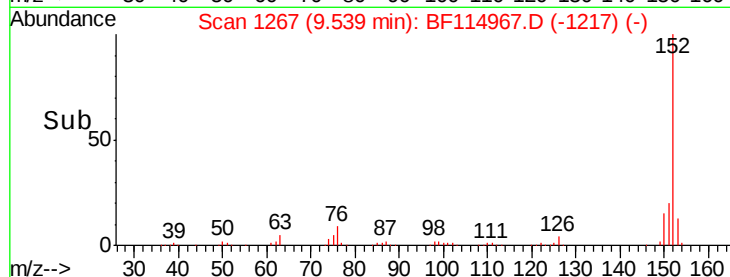
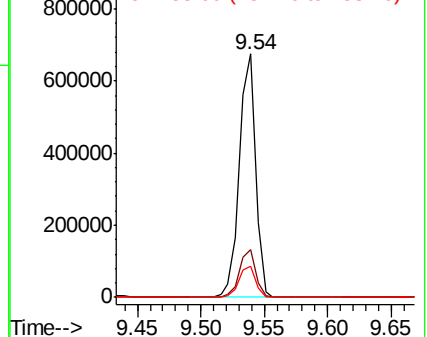
152 100

151 19.8 17.5 26.3

153 12.8 11.2 16.8



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: 11.758 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

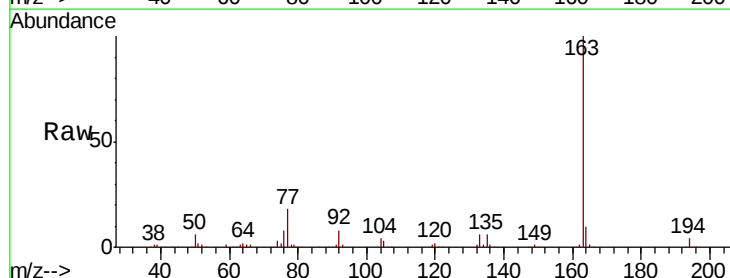
Tgt Ion:163 Resp: 438275

Ion Ratio Lower Upper

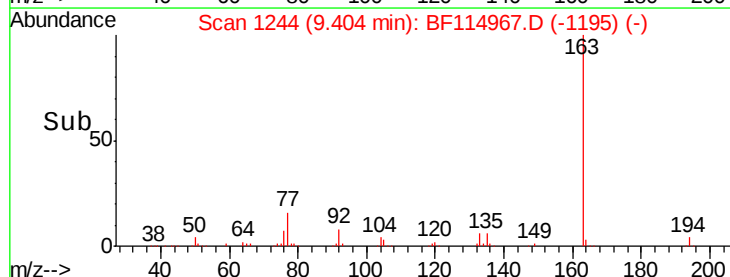
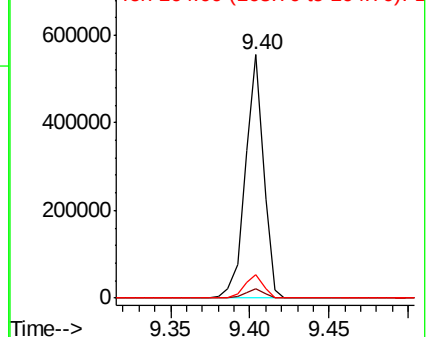
163 100

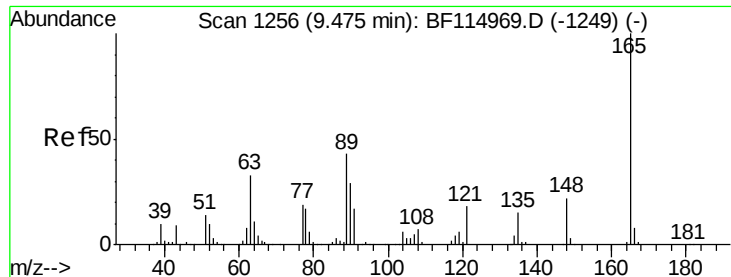
194 3.8 3.3 4.9

164 9.8 8.6 12.8



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

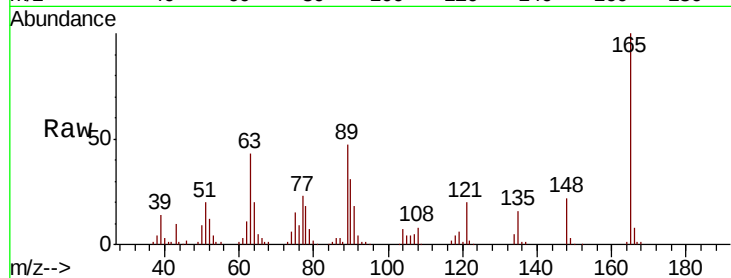




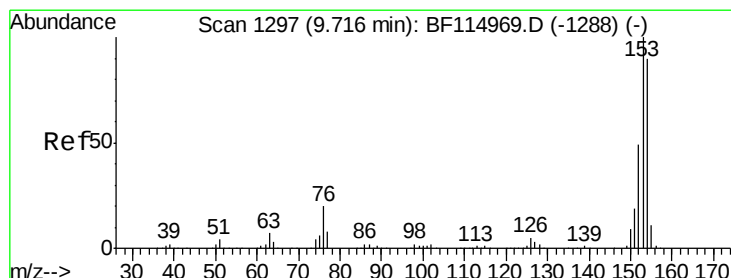
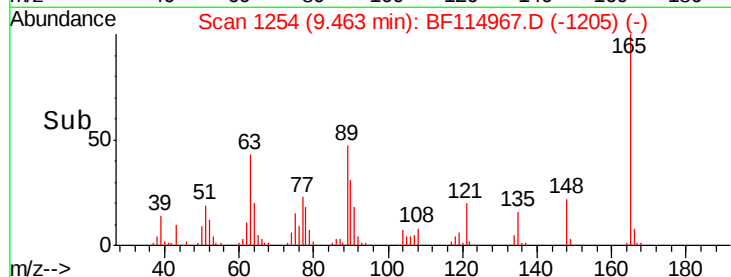
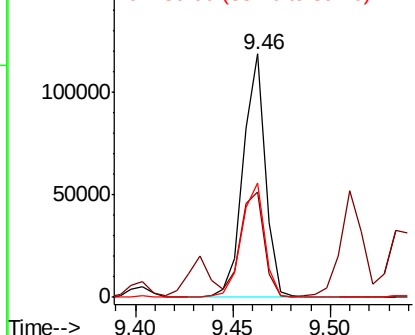
#51
 2,6-Dinitrotoluene
 Concen: 10.943 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF114967.D
 Acq: 12 Jun 2019 10:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.4	30.6	46.0
89	47.0	34.4	51.6

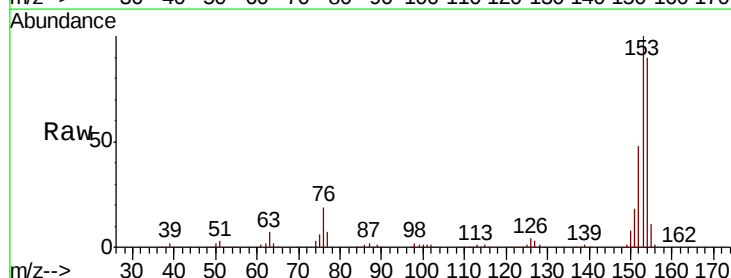


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

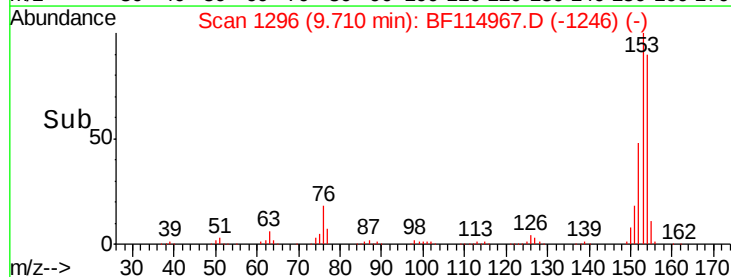
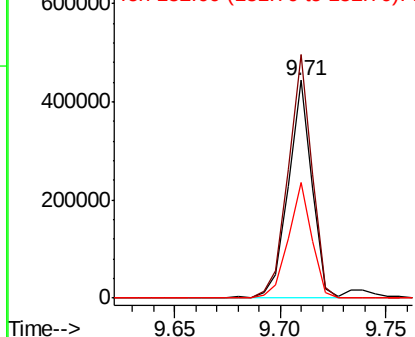


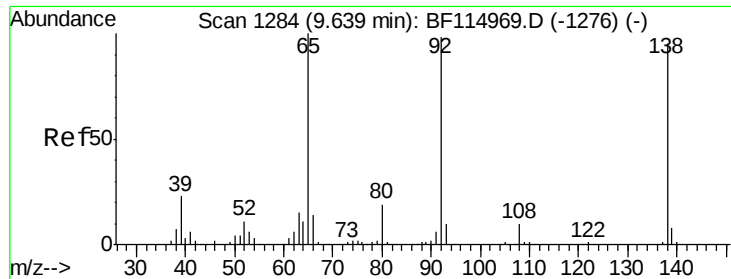
#52
 Acenaphthene
 Concen: 12.388 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF114967.D
 Acq: 12 Jun 2019 10:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	88.5	132.7
152	53.3	43.6	65.4



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

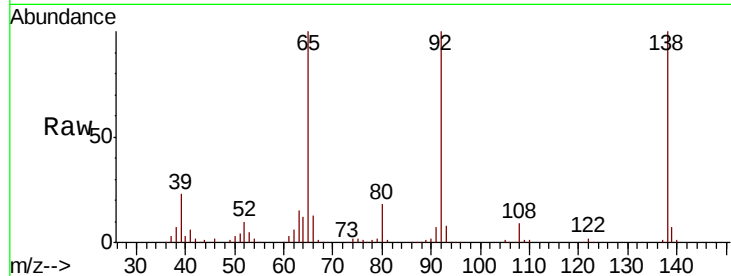




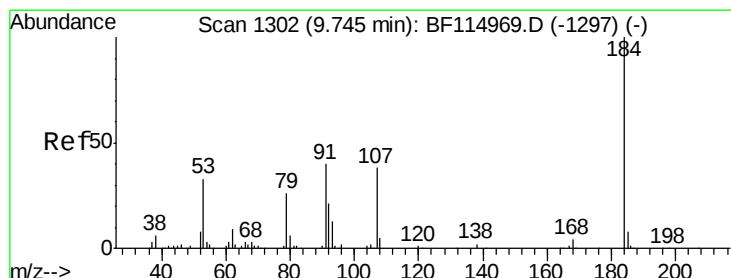
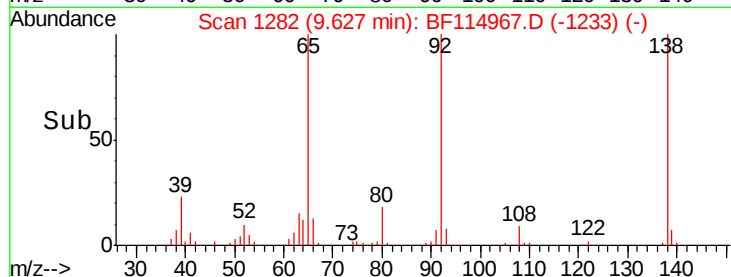
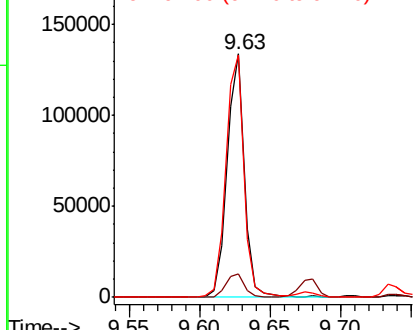
#53
3-Nitroaniline
Concen: 11.097 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 114088
Ion Ratio Lower Upper
138 100
108 9.4 8.0 12.0
92 99.8 82.4 123.6

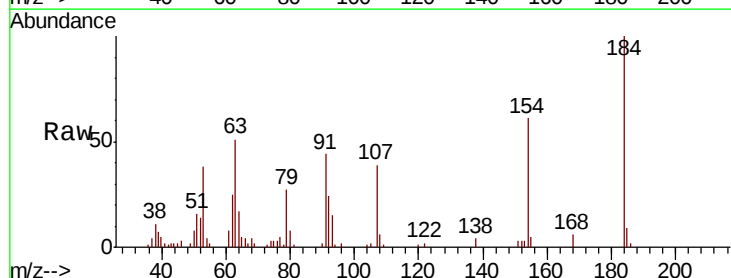


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

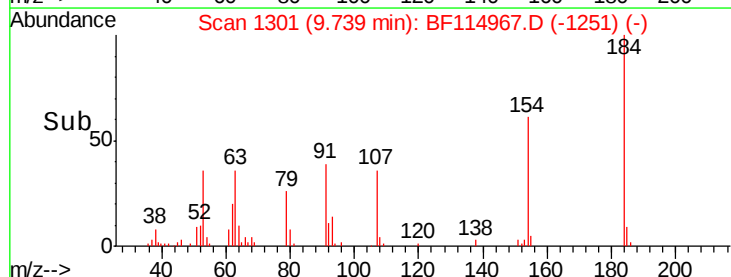
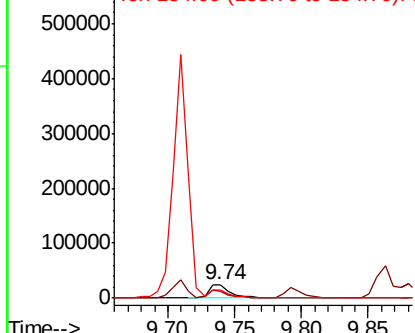


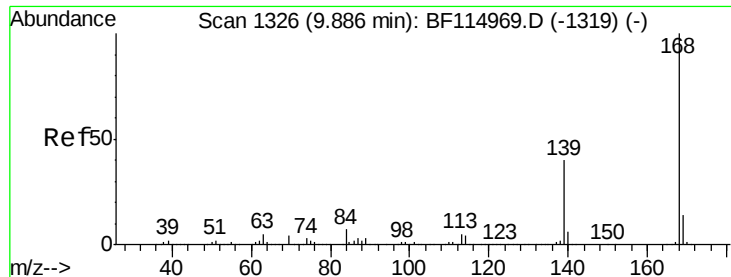
#54
2,4-Dinitrophenol
Concen: 7.227 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Tgt Ion:184 Resp: 30623
Ion Ratio Lower Upper
184 100
63 51.1 40.5 60.7
154 61.3 44.8 67.2



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

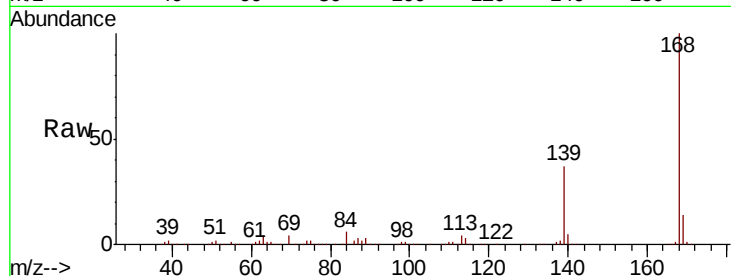




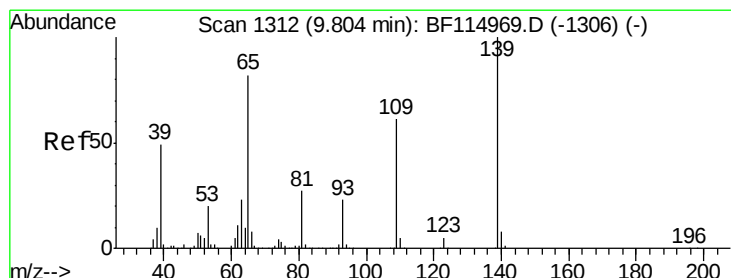
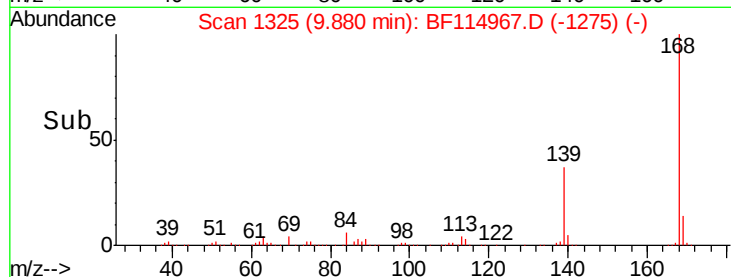
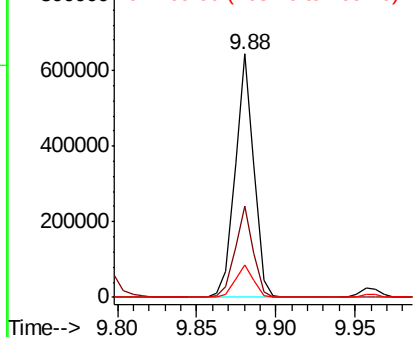
#55
Dibenzofuran
Concen: 13.111 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 523341
Ion Ratio Lower Upper
168 100
139 37.4 32.5 48.7
169 13.5 11.5 17.3

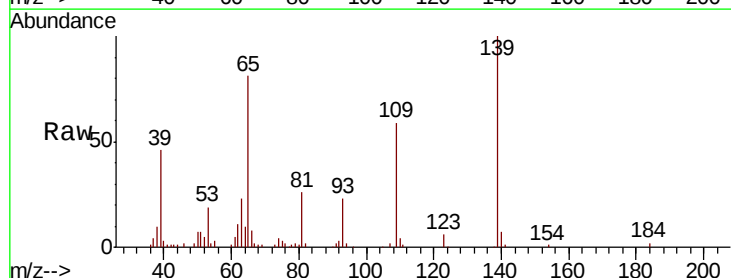


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

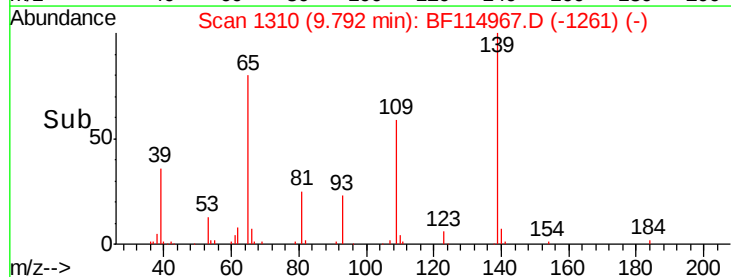
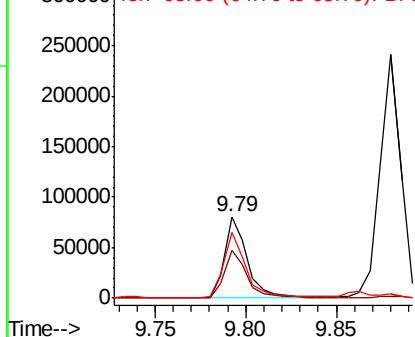


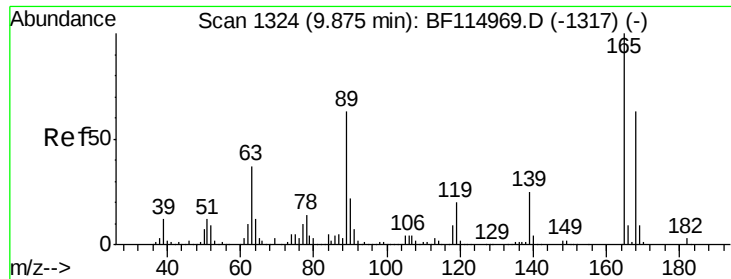
#56
4-Nitrophenol
Concen: 9.760 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Tgt Ion:139 Resp: 71514
Ion Ratio Lower Upper
139 100
109 59.3 41.4 81.4
65 81.1 62.7 102.7



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

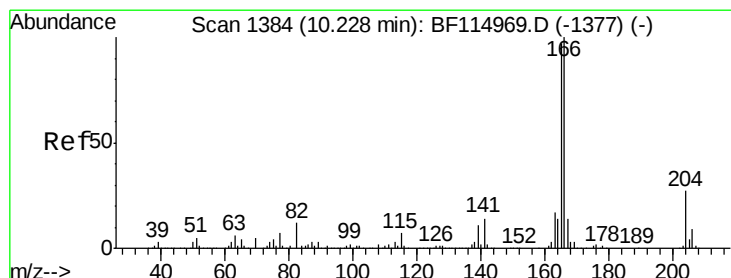
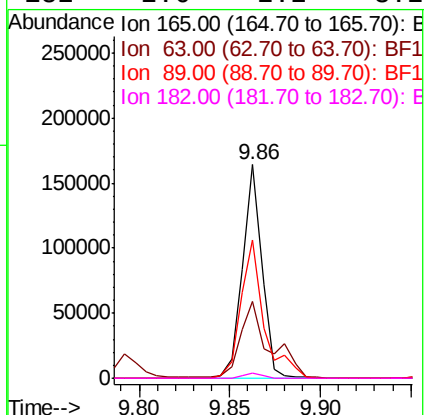
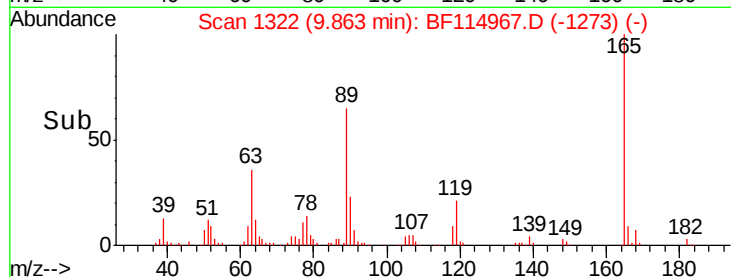
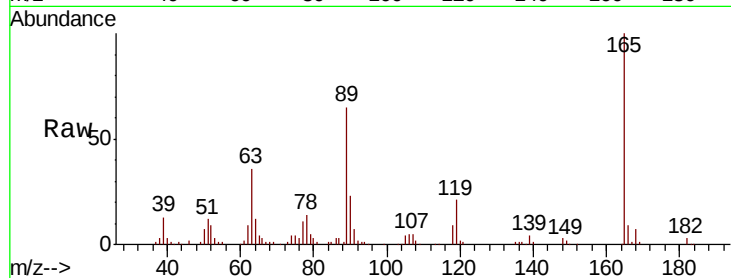




#57
 2,4-Dinitrotoluene
 Concen: 11.360 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF114967.D
 Acq: 12 Jun 2019 10:23

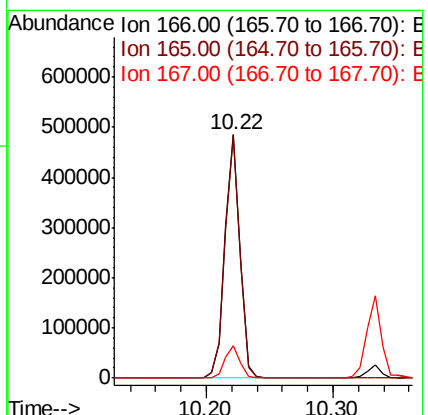
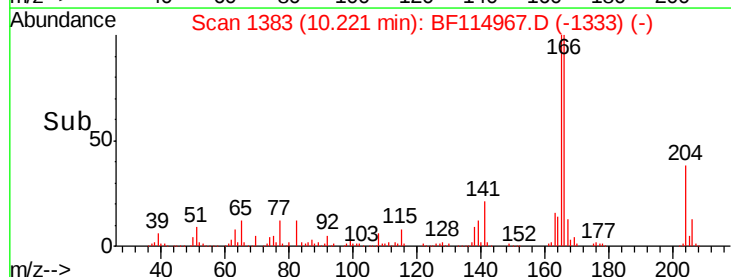
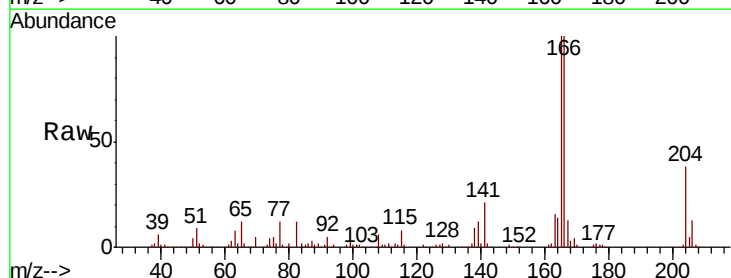
Instrument :
 BNA_F
 ClientSampled :

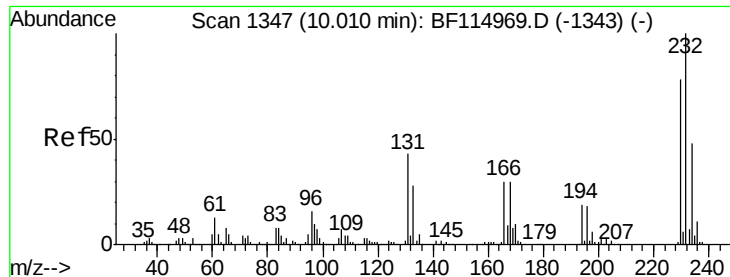
Tot Ion:	165	Resp:	122941
Ion	Ratio	Lower	Upper
165	100		
63	35.8	29.4	44.2
89	64.5	50.6	75.8
182	2.6	2.2	3.2



#58
 Fluorene
 Concen: 12.976 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF114967.D
 Acq: 12 Jun 2019 10:23

Tgt Ion:	166	Resp:	399279
Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.6	116.4
167	13.4	11.0	16.4

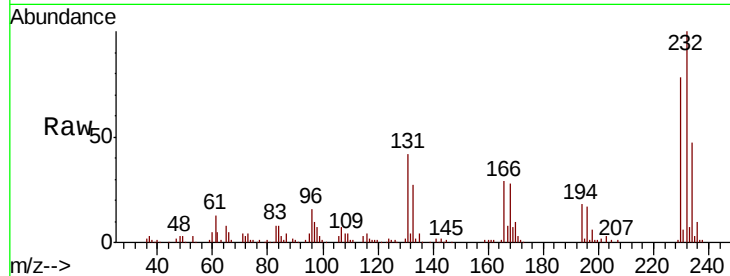




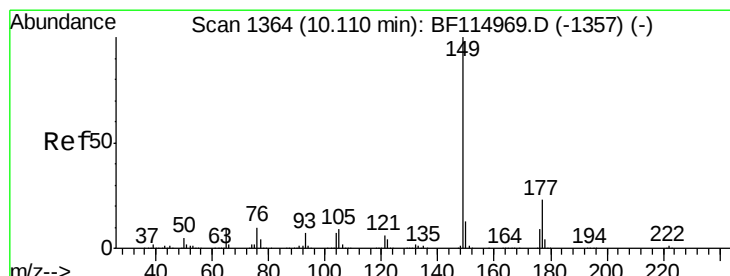
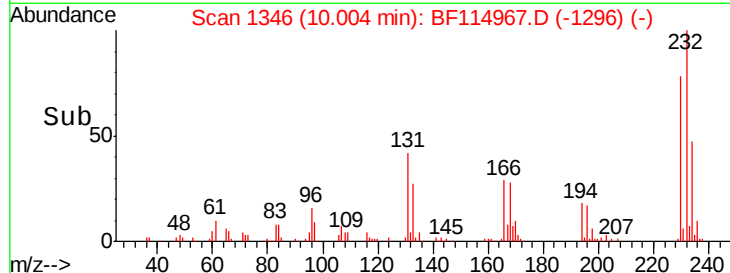
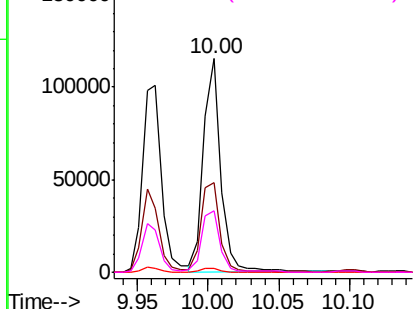
#59
2,3,4,6-Tetrachlorophenol
Concen: 10.998 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.6	36.9	55.3
130	2.0	1.8	2.6
166	31.3	24.8	37.2

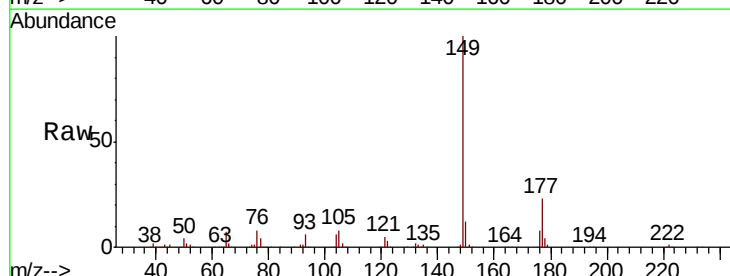


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

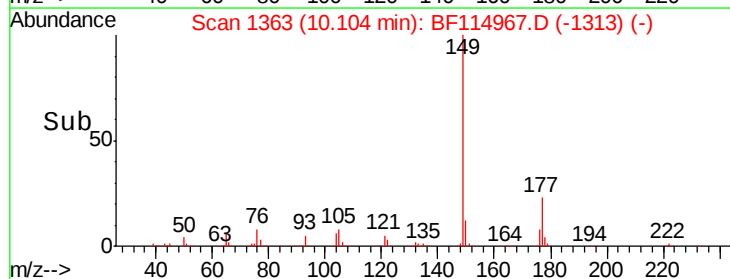
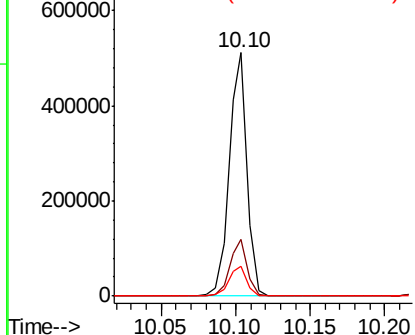


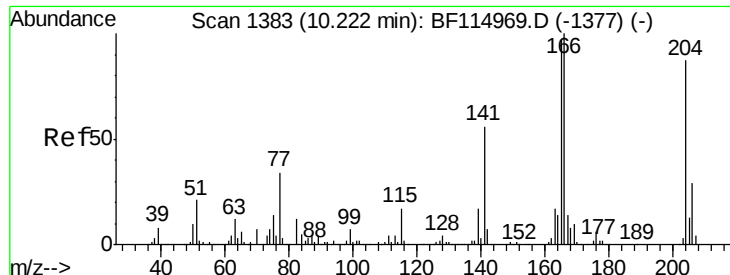
#60
Diethylphthalate
Concen: 11.891 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.6	27.8
150	12.1	10.5	15.7



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

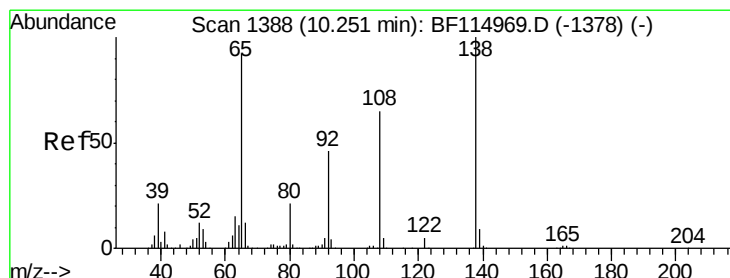
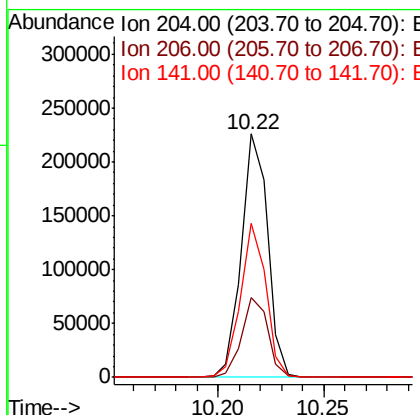
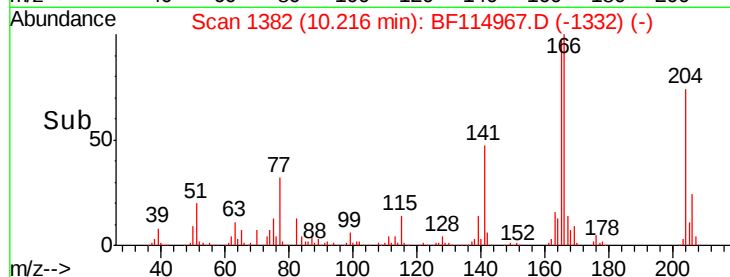
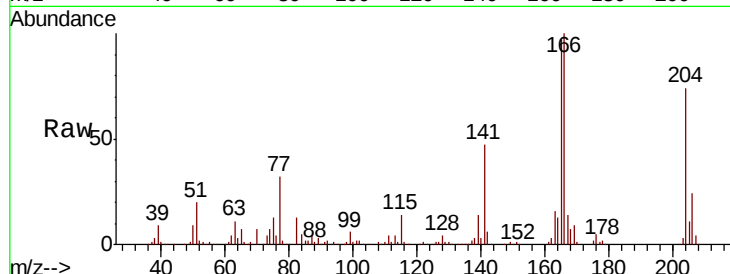




#61
4-Chlorophenyl-phenylether
Concen: 12.688 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

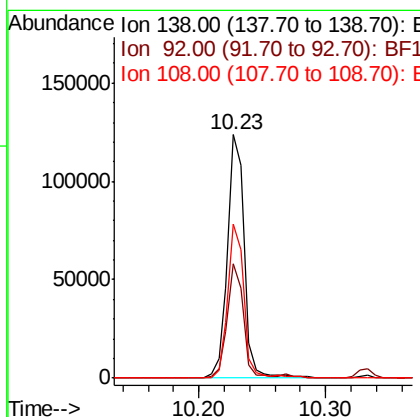
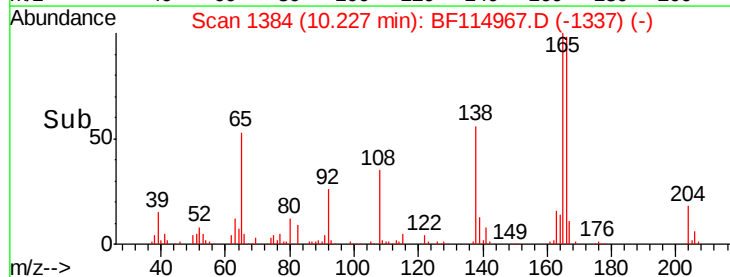
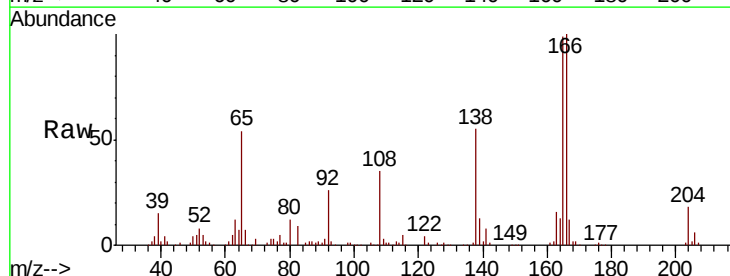
Instrument :
BNA_F
ClientSampleId :

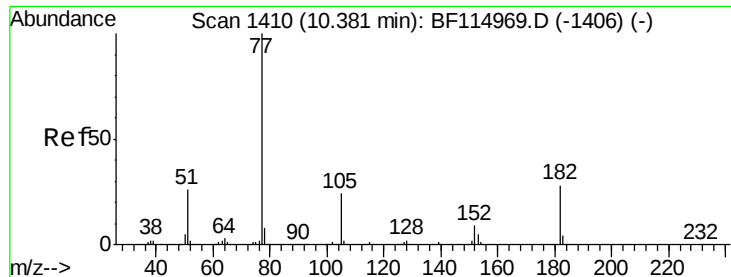
Tot Ion:204 Resp: 195442
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 63.1 51.8 77.8



#62
4-Nitroaniline
Concen: 10.781 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Tgt Ion:138 Resp: 113585
Ion Ratio Lower Upper
138 100
92 46.8 25.7 65.7
108 63.5 44.6 84.6

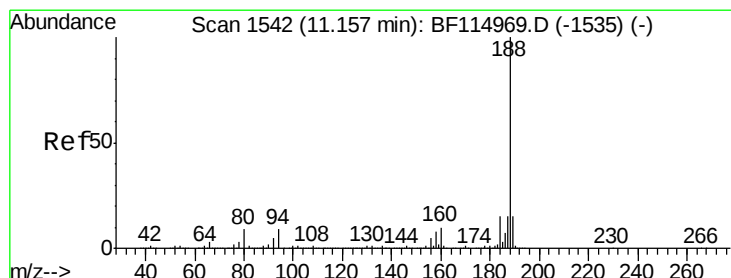
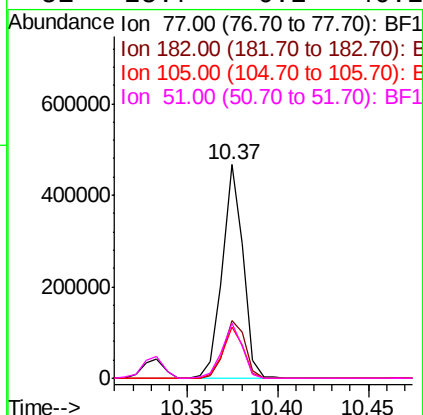
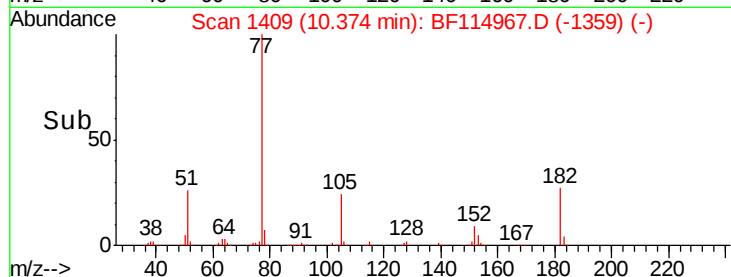
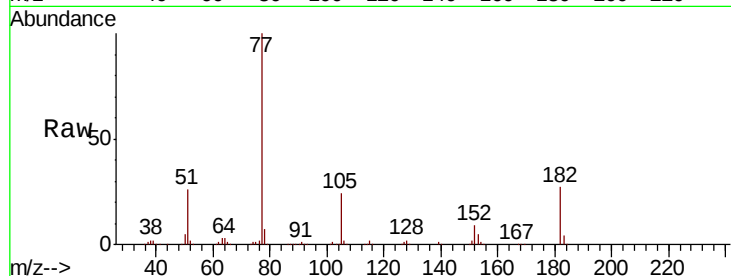




#63
Azobenzene
Concen: 11.747 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

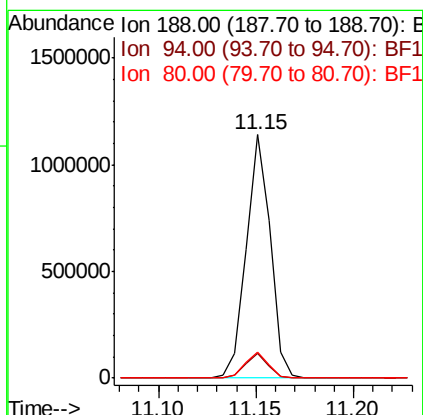
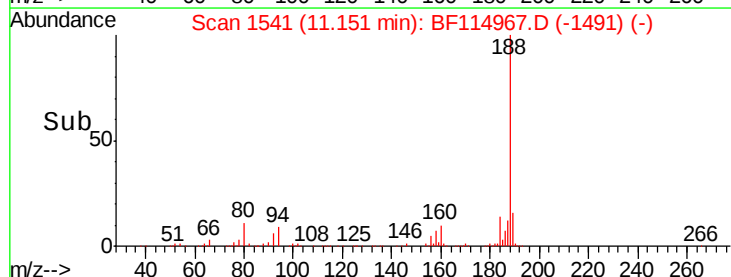
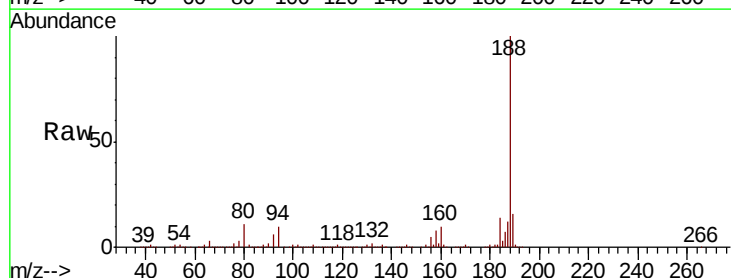
Instrument :
BNA_F
ClientSampleId :

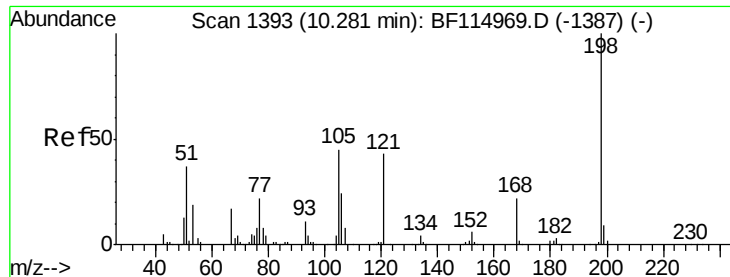
Tot Ion:	77	Resp:	370420
Ion	Ratio	Lower	Upper
77	100		
182	27.0	7.4	47.4
105	24.1	4.2	44.2
51	25.7	6.2	46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Tgt Ion:	188	Resp:	972685
Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.2	10.8
80	10.6	7.4	11.2





#65

4,6-Dinitro-2-methylphenol

Concen: 8.832 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

Instrument :

BNA_F

ClientSampleId :

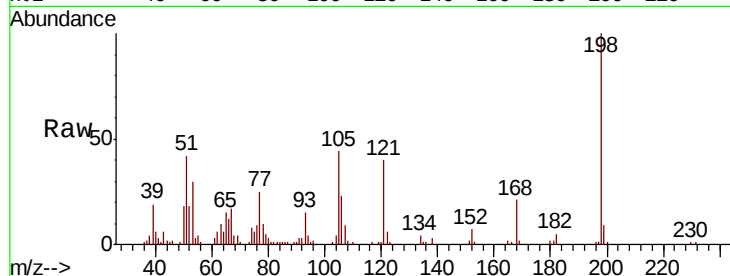
Tot Ion:198 Resp: 48175

Ion Ratio Lower Upper

198 100

51 41.7 23.0 63.0

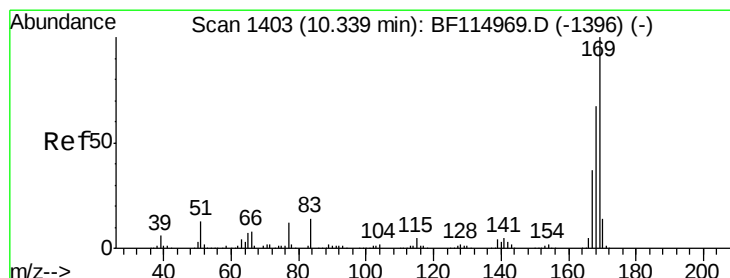
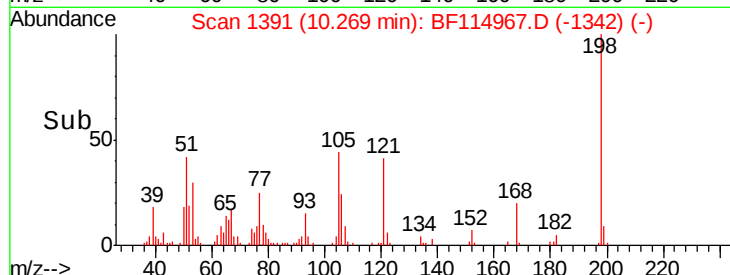
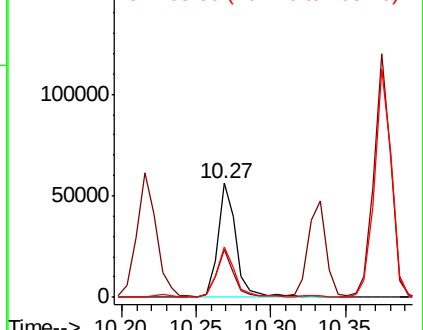
105 43.8 26.5 66.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 12.164 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

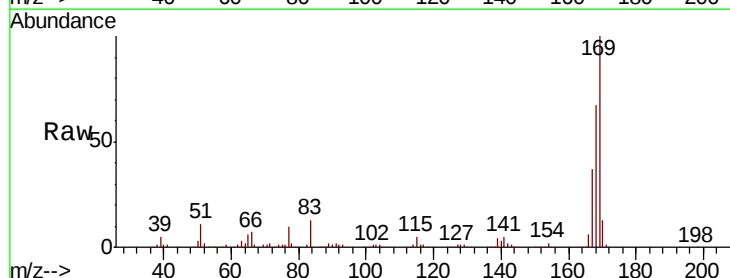
Tgt Ion:169 Resp: 351519

Ion Ratio Lower Upper

169 100

168 67.0 53.6 80.4

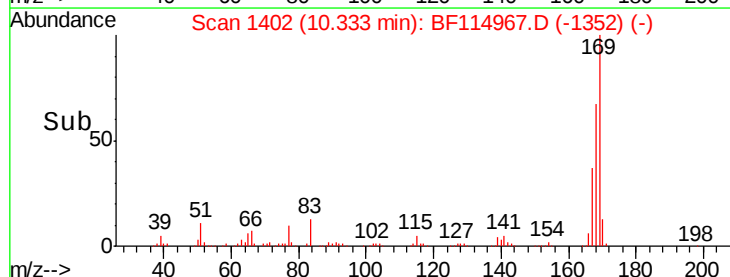
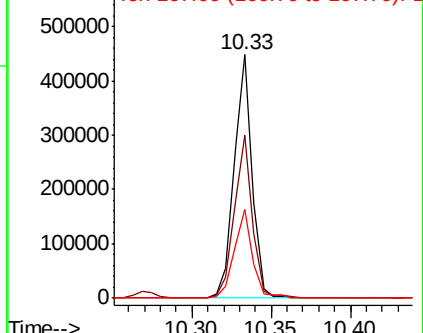
167 36.6 29.6 44.4

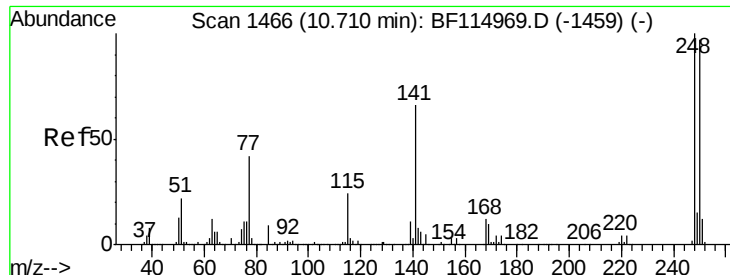


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

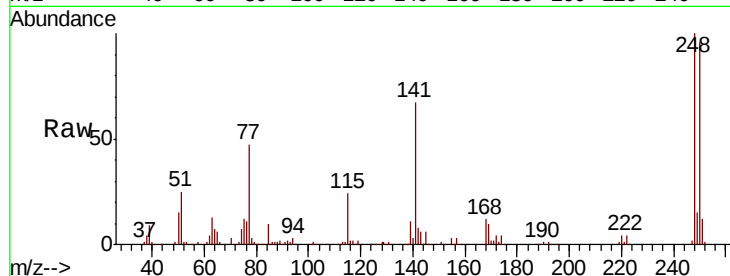




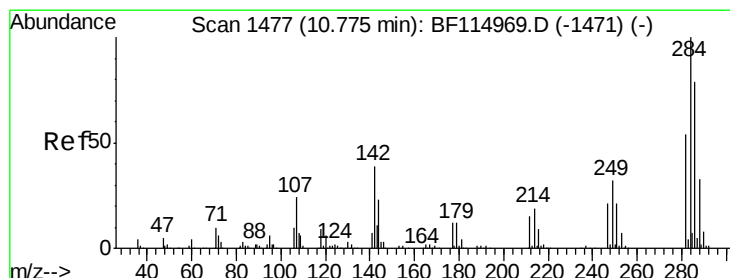
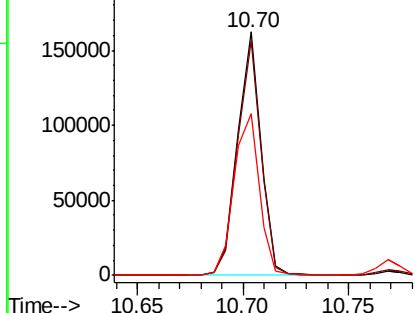
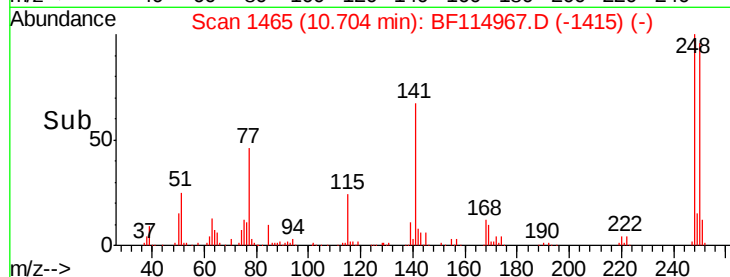
#67
4-Bromophenyl-phenylether
Concen: 11.792 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 124238
Ion Ratio Lower Upper
248 100
250 96.5 77.8 116.8
141 66.6 53.1 79.7

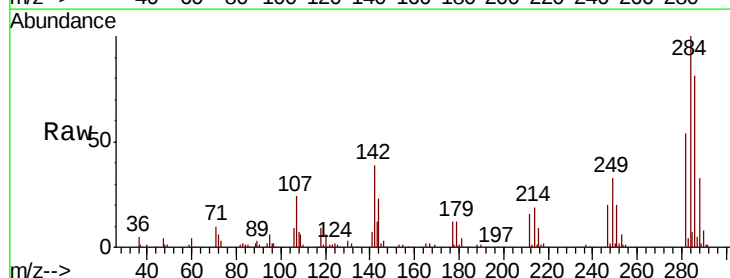


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

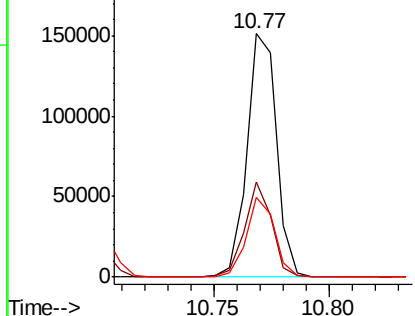
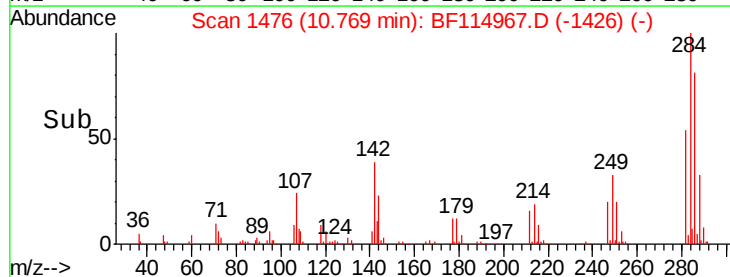


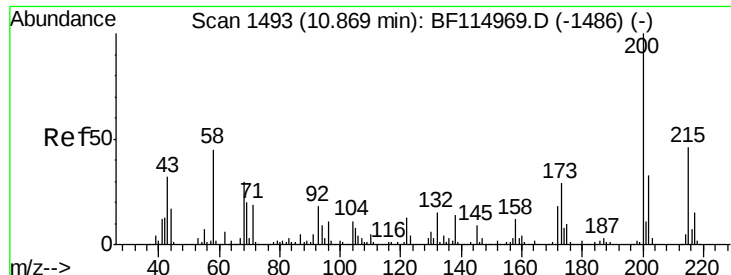
#68
Hexachlorobenzene
Concen: 11.636 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Tgt Ion:284 Resp: 135387
Ion Ratio Lower Upper
284 100
142 38.9 31.5 47.3
249 32.6 25.6 38.4



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

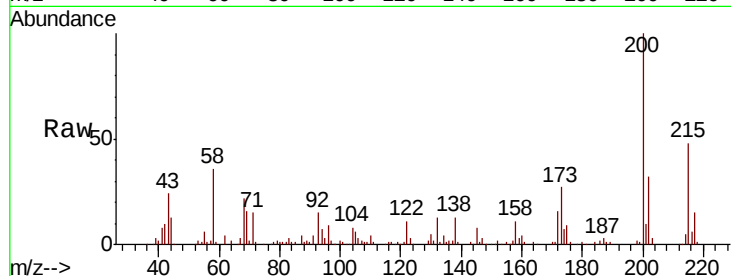




#69
 Atrazine
 Concen: 11.827 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF114967.D
 Acq: 12 Jun 2019 10:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	9.0	49.0
215	47.7	26.5	66.5

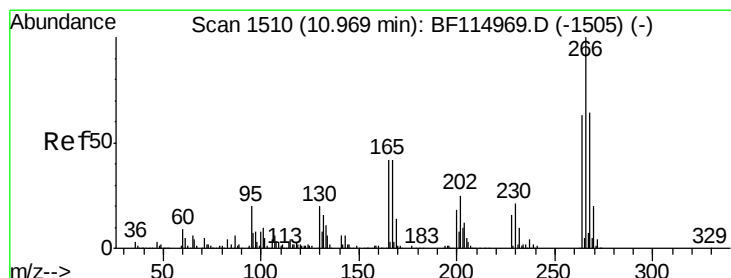
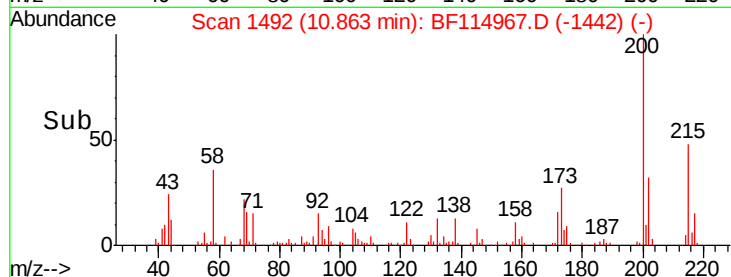
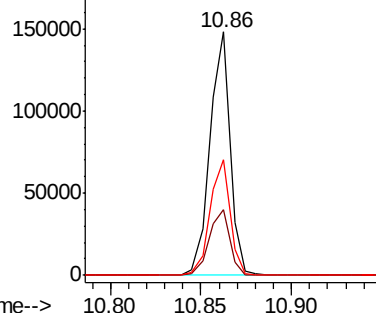


Abundance

Ion 200.00 (199.70 to 200.70): E

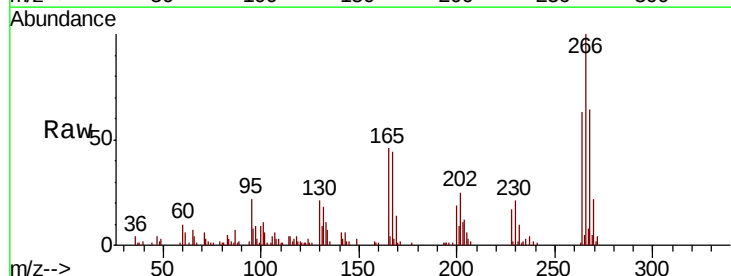
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 8.810 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BF114967.D
 Acq: 12 Jun 2019 10:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.4	77.2
264	63.2	50.3	75.5

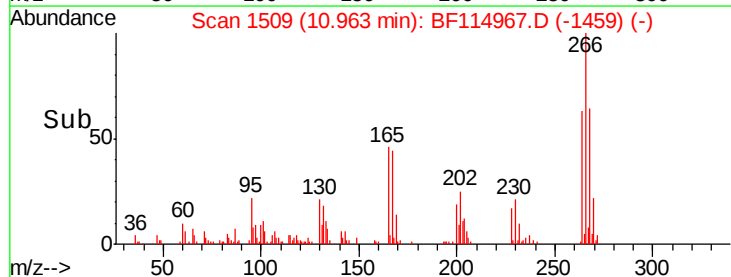
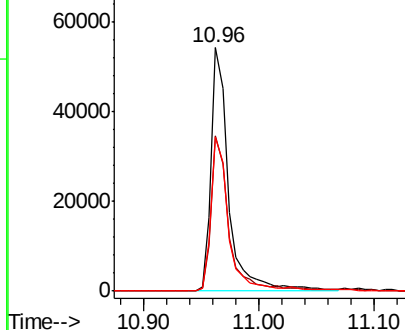


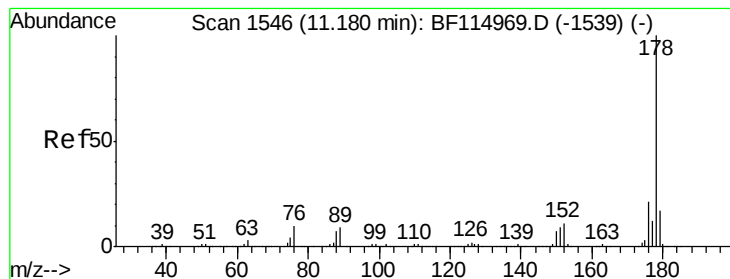
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 13.076 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

Instrument :

BNA_F

ClientSampled :

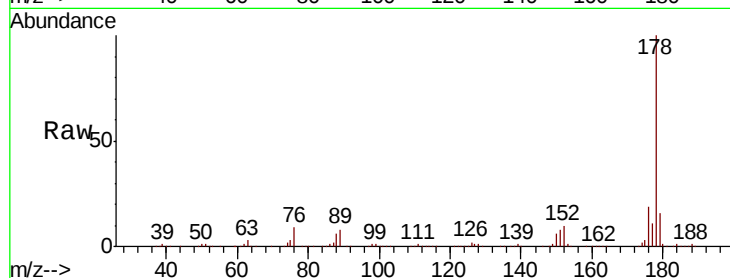
Tot Ion:178 Resp: 617096

Ion Ratio Lower Upper

178 100

176 19.4 16.9 25.3

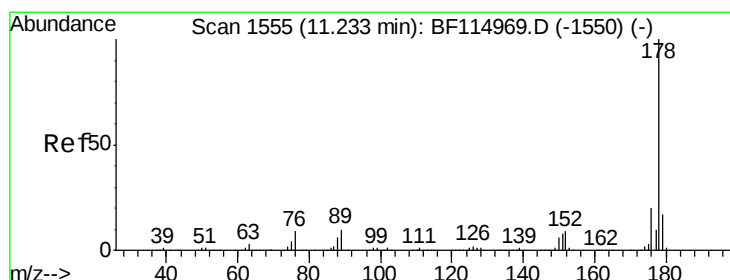
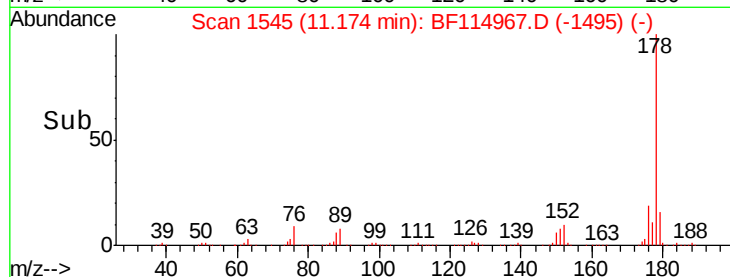
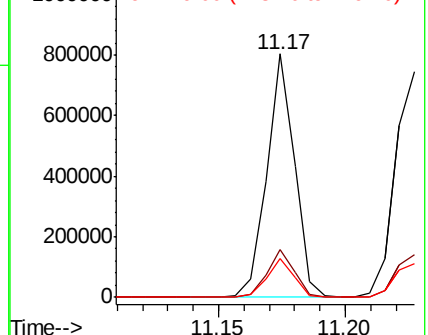
179 15.8 13.4 20.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 13.111 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

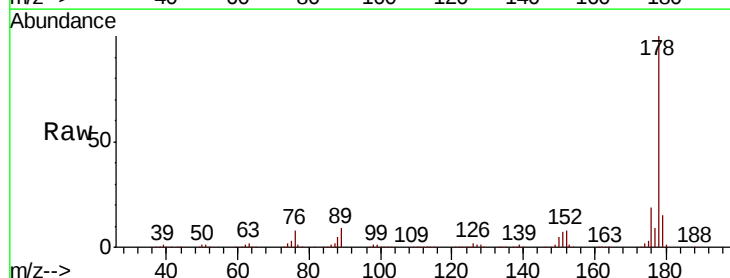
Tgt Ion:178 Resp: 628010

Ion Ratio Lower Upper

178 100

176 18.8 16.2 24.4

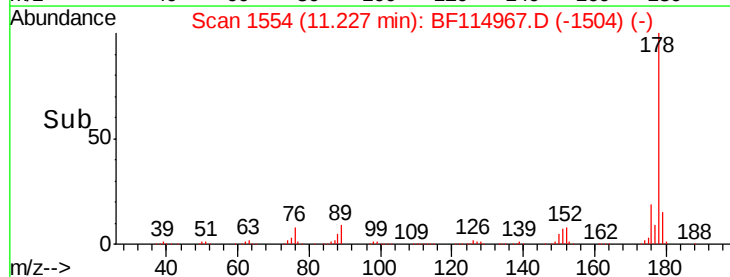
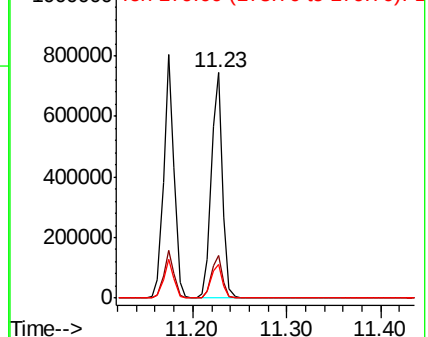
179 15.1 13.2 19.8

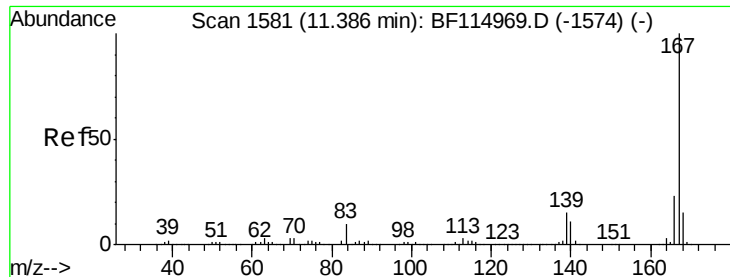


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

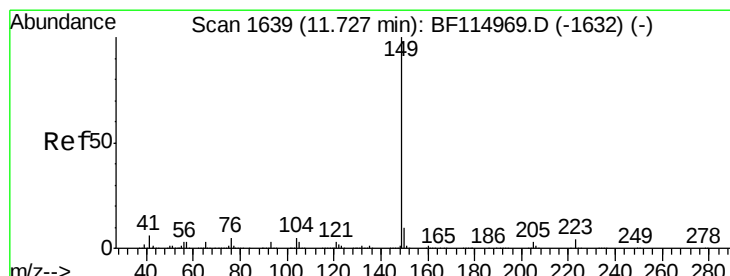
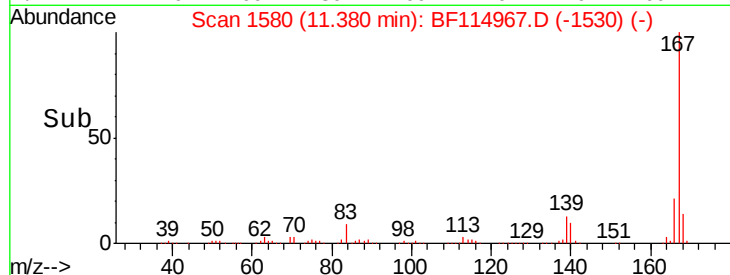
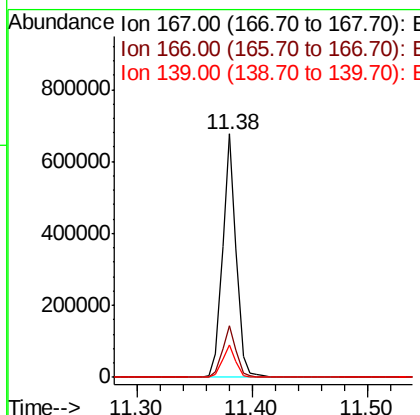
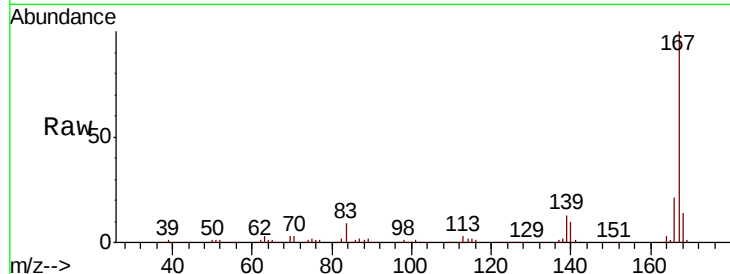




#73
 Carbazole
 Concen: 12.640 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF114967.D
 Acq: 12 Jun 2019 10:23

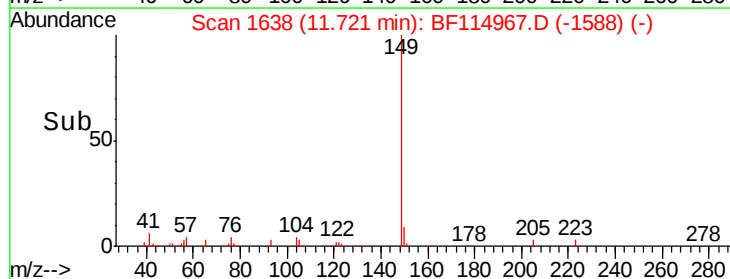
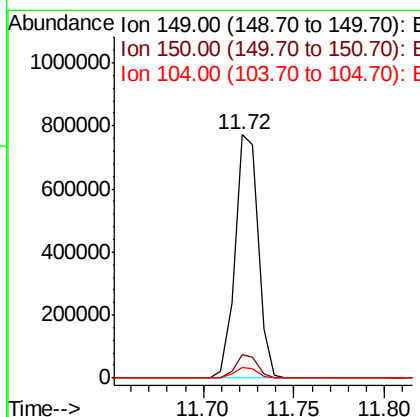
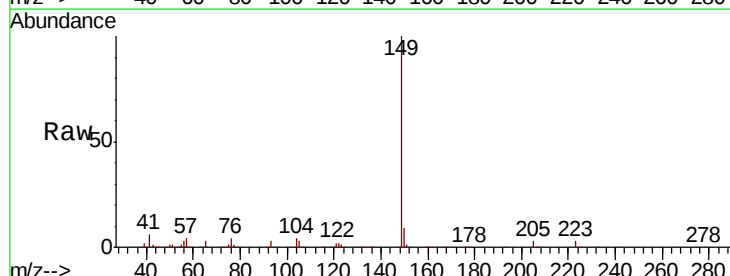
Instrument :
 BNA_F
 ClientSampleId :

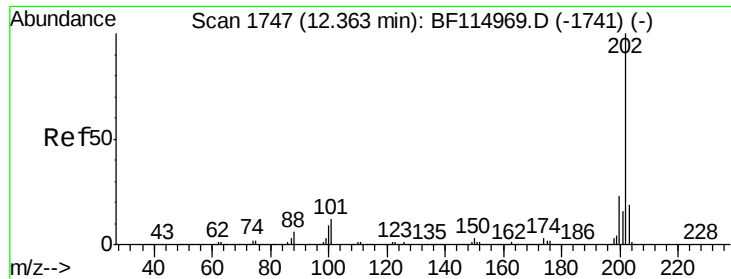
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	18.5	27.7
139	13.1	12.0	18.0



#74
 Di-n-butylphthalate
 Concen: 12.716 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BF114967.D
 Acq: 12 Jun 2019 10:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	4.4	4.0	6.0





#75

Fluoranthene

Concen: 13.075 ng

RT: 12.36 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

Instrument :

BNA_F

ClientSampleId :

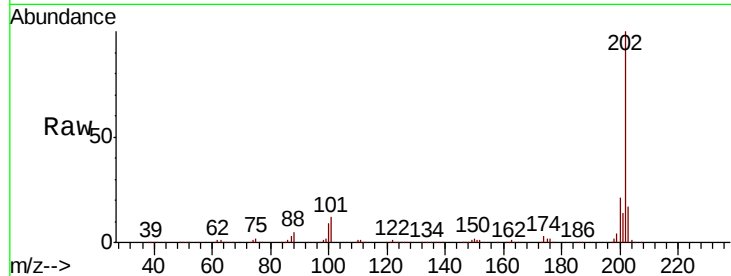
Tot Ion:202 Resp: 638217

Ion Ratio Lower Upper

202 100

101 11.6 0.0 32.4

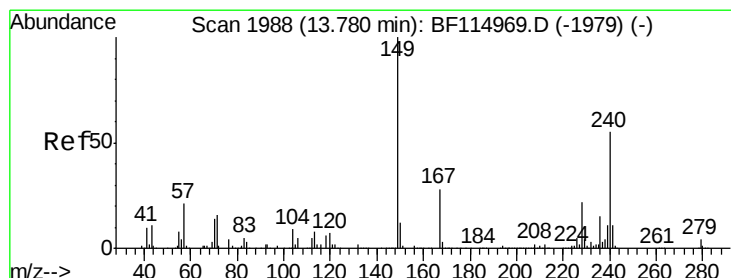
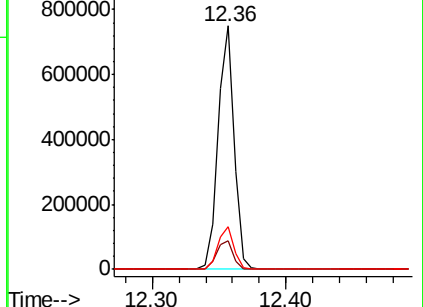
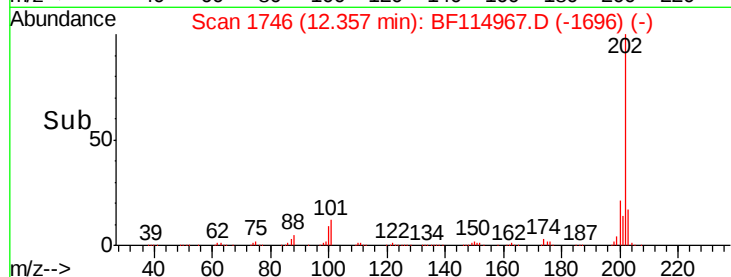
203 17.4 0.0 38.6



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: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

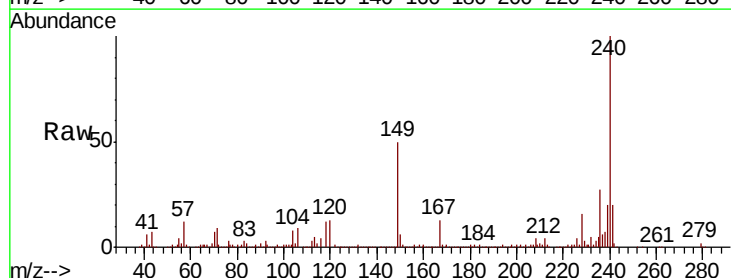
Tgt Ion:240 Resp: 699098

Ion Ratio Lower Upper

240 100

120 13.0 10.0 15.0

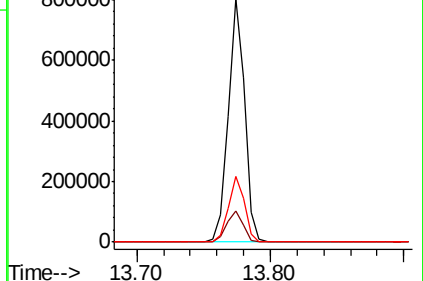
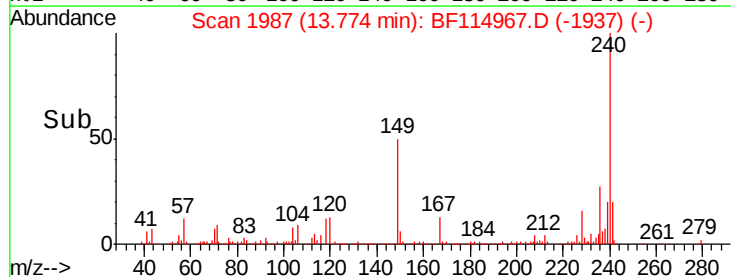
236 27.2 21.6 32.4

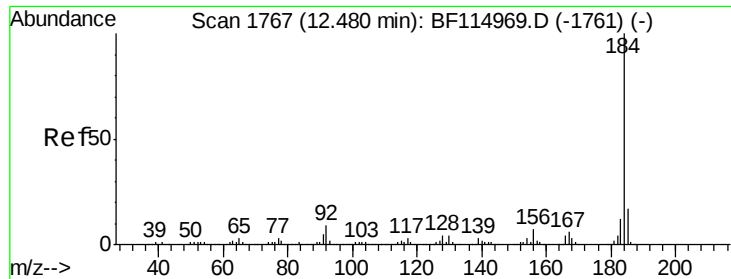


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.940 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

Instrument :

BNA_F

ClientSampleId :

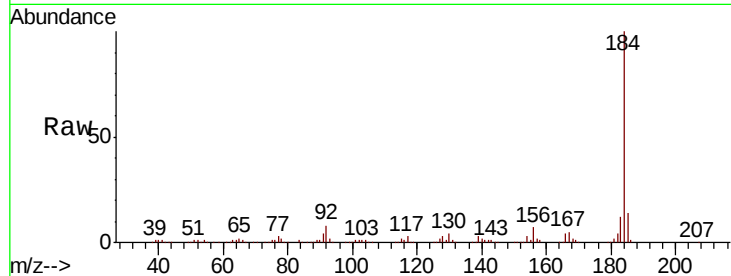
Tot Ion:184 Resp: 334720

Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.0

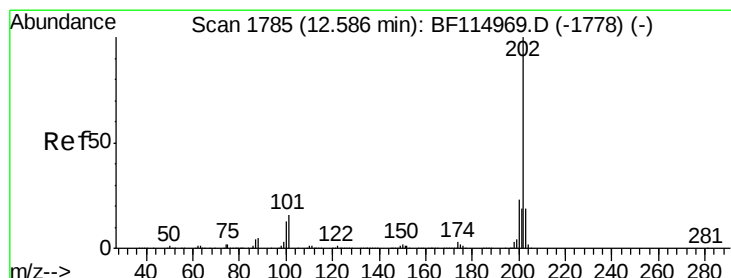
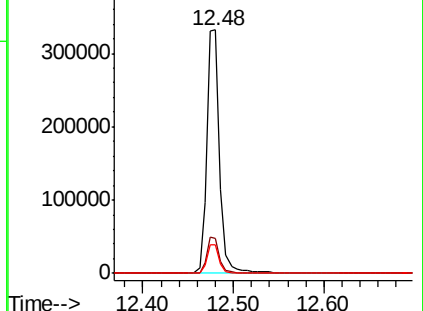
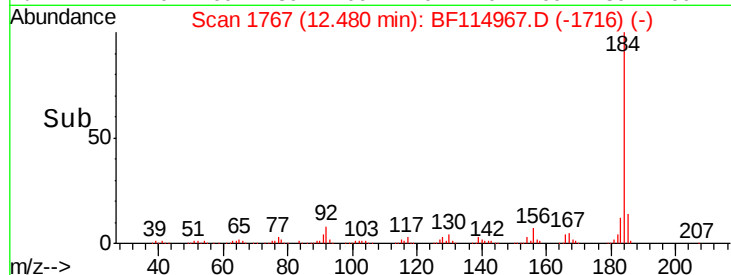
183 11.7 9.8 14.6



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: 10.712 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

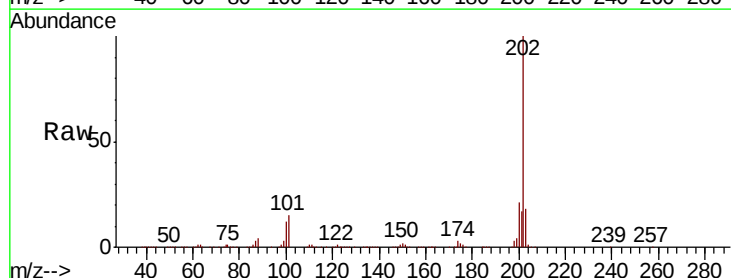
Tgt Ion:202 Resp: 652223

Ion Ratio Lower Upper

202 100

200 21.4 18.4 27.6

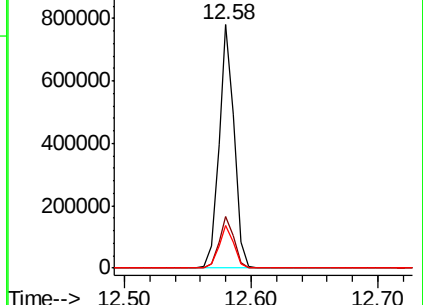
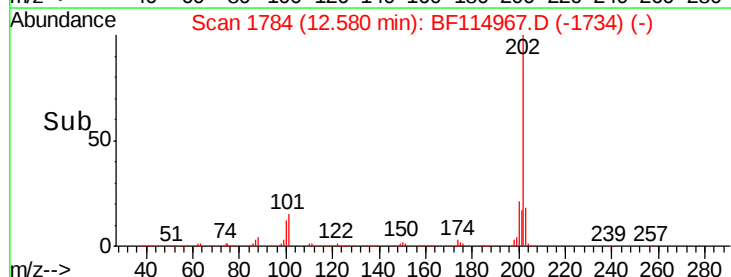
203 17.6 14.9 22.3

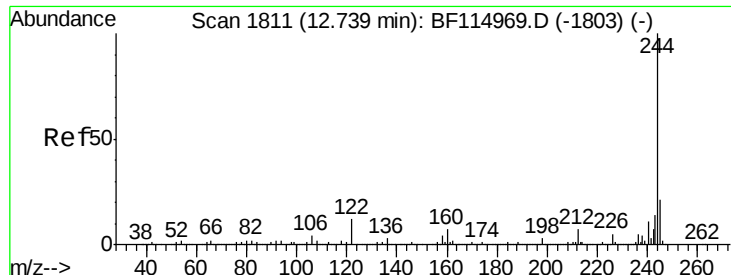


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 23.592 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

Instrument :

BNA_F

ClientSampled :

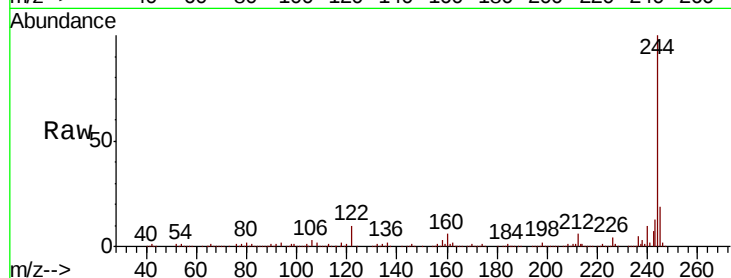
Tot Ion:244 Resp: 829345

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.8

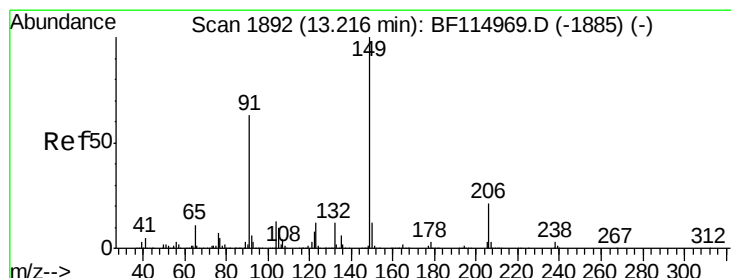
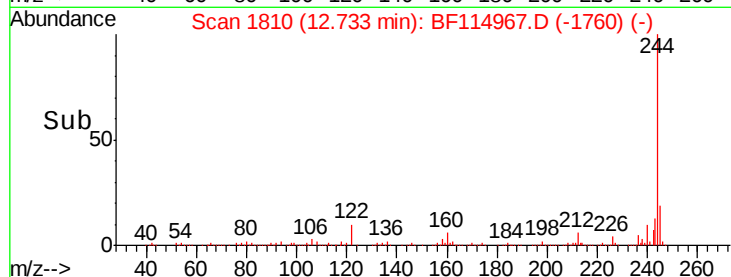
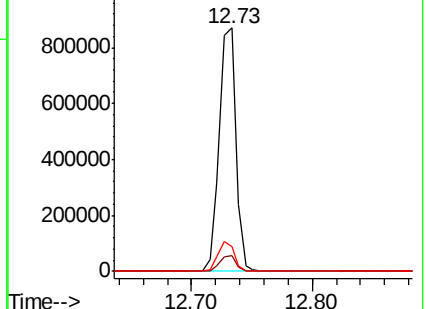
122 10.1 9.4 14.0



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: 9.444 ng

RT: 13.21 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

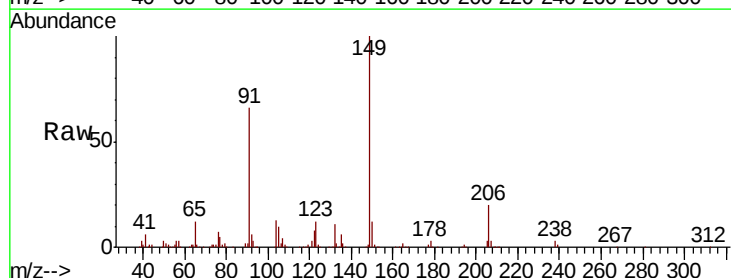
Tgt Ion:149 Resp: 283291

Ion Ratio Lower Upper

149 100

91 66.2 50.6 76.0

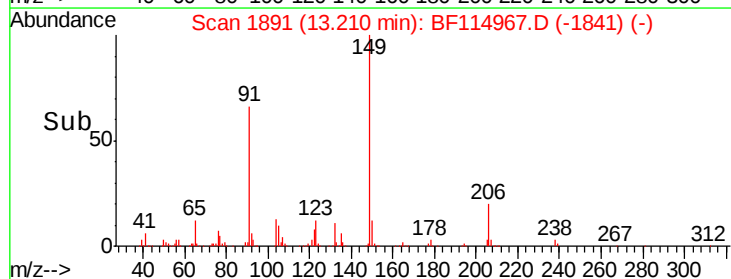
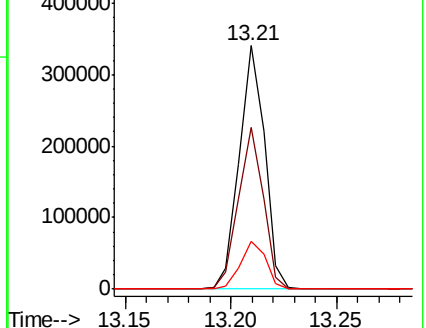
206 19.8 16.7 25.1

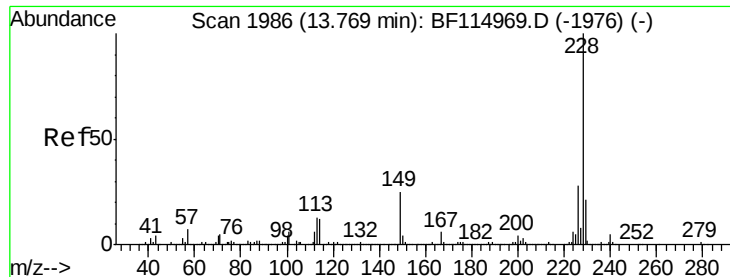


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 10.794 ng

RT: 13.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

Instrument :

BNA_F

ClientSampleId :

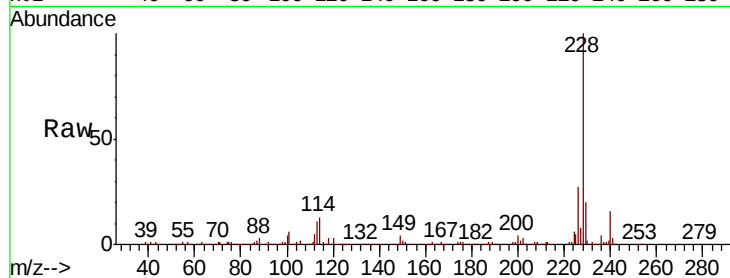
Tot Ion:228 Resp: 557955

Ion Ratio Lower Upper

228 100

226 27.2 22.0 33.0

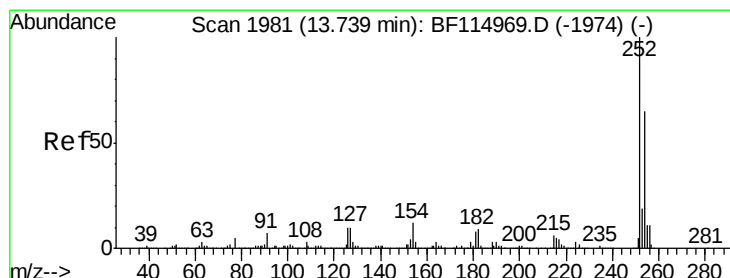
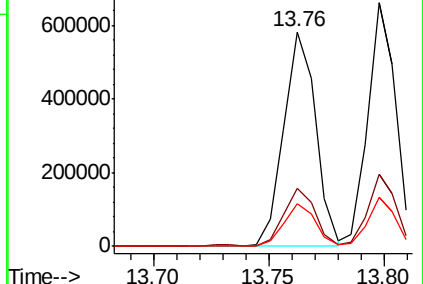
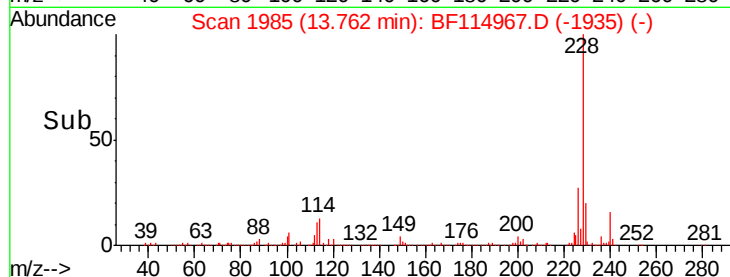
229 19.8 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 10.365 ng

RT: 13.73 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

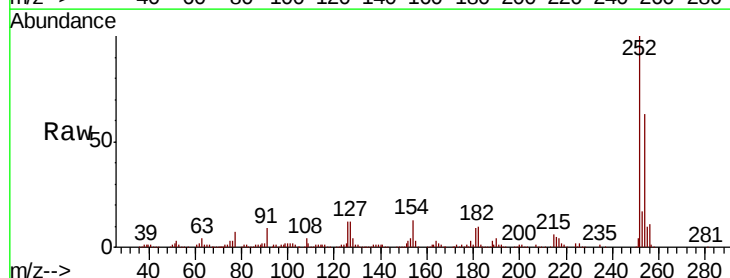
Tgt Ion:252 Resp: 218707

Ion Ratio Lower Upper

252 100

254 63.3 52.2 78.4

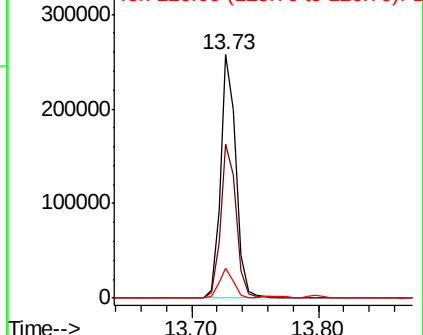
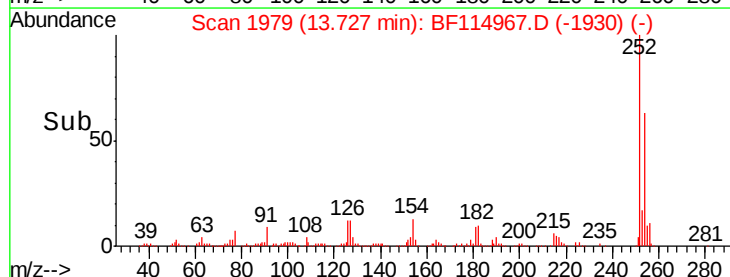
126 12.3 8.0 12.0#

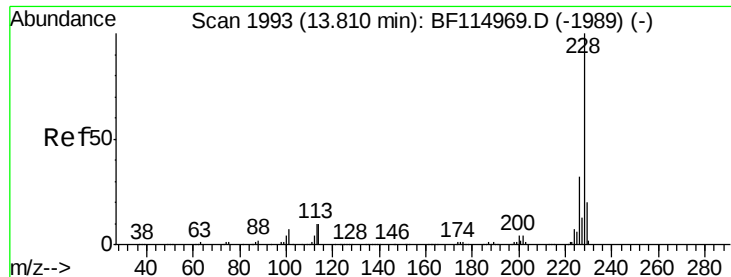


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

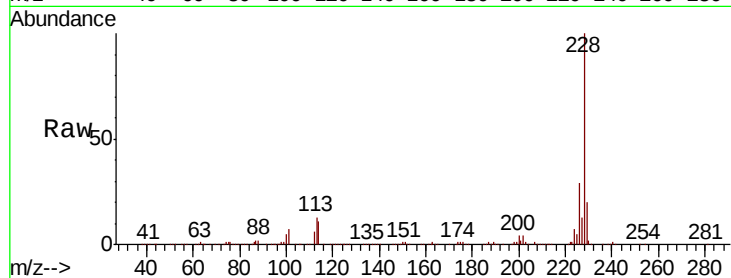




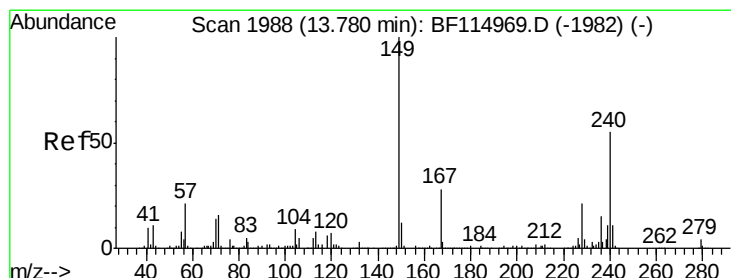
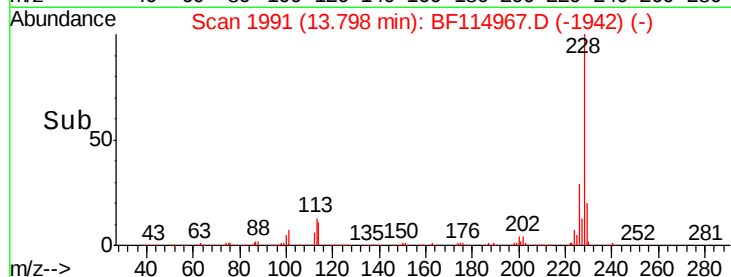
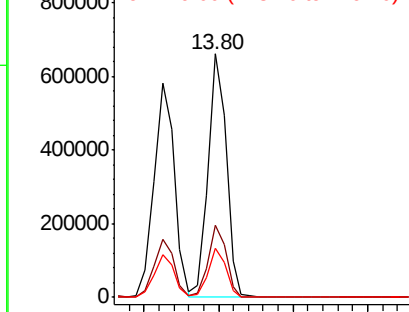
#83
 Chrvsene
 Concen: 10.757 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF114967.D
 Acq: 12 Jun 2019 10:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 558363
 Ion Ratio Lower Upper
 228 100
 226 29.4 25.4 38.0
 229 20.1 16.4 24.6

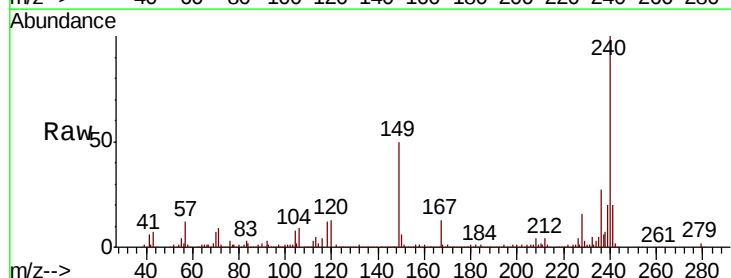


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

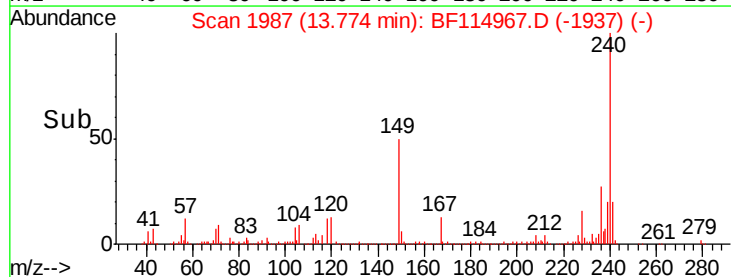
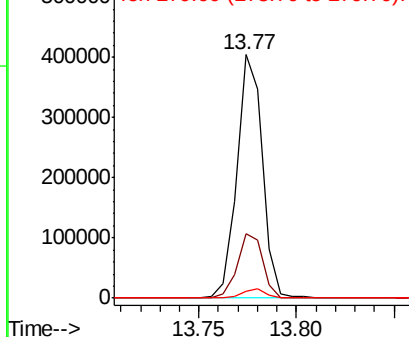


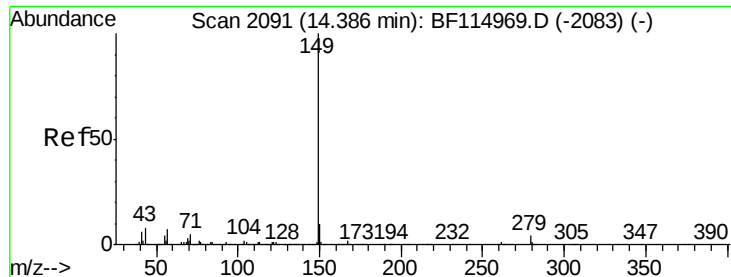
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.395 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BF114967.D
 Acq: 12 Jun 2019 10:23

Tgt Ion:149 Resp: 365155
 Ion Ratio Lower Upper
 149 100
 167 26.4 22.2 33.4
 279 3.1 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

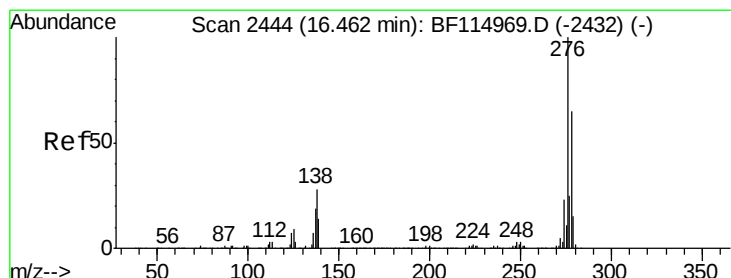
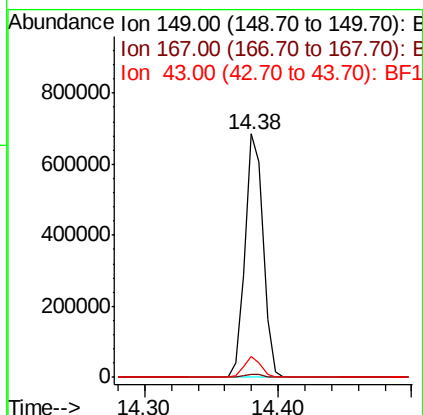
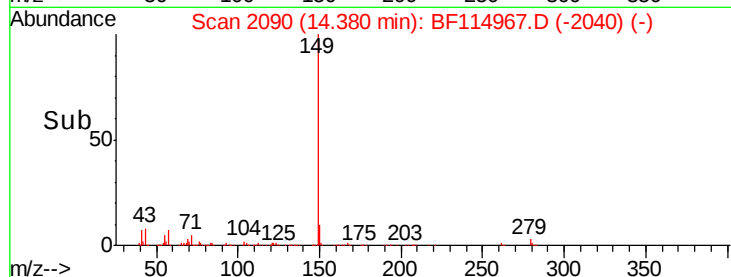
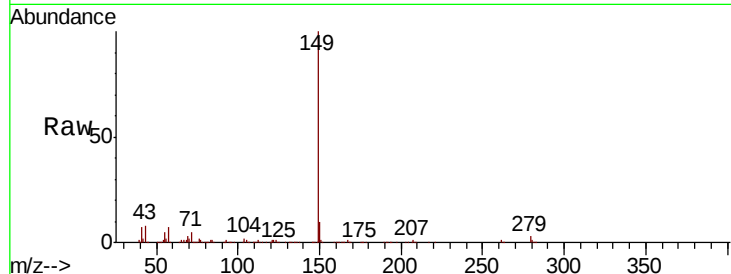




#85
Di-n-octyl phthalate
Concen: 9.931 ng
RT: 14.38 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

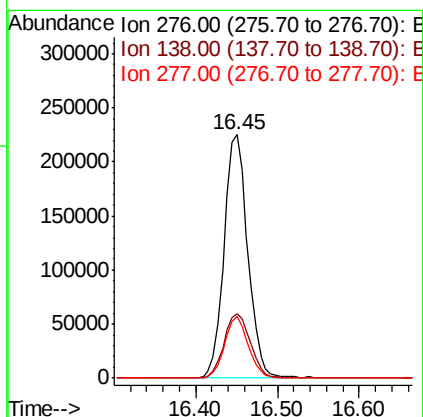
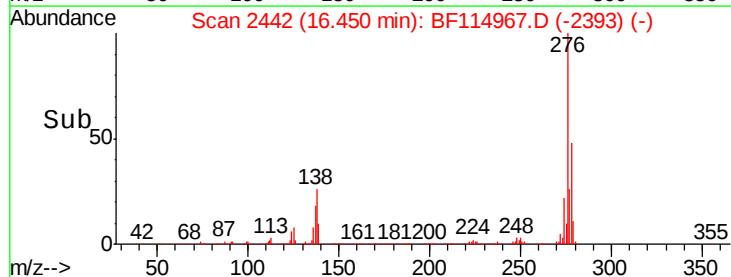
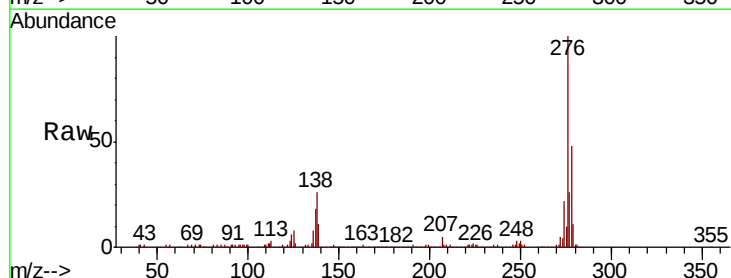
Instrument :
BNA_F
ClientSampleId :

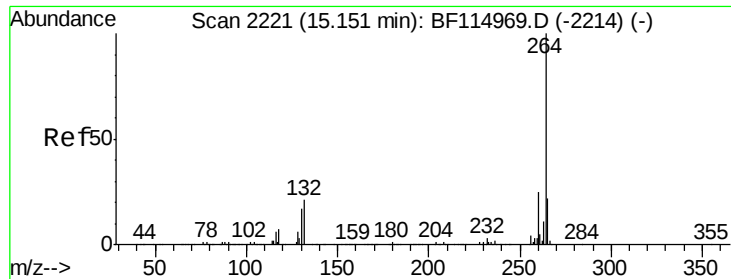
Tot Ion:149 Resp: 637302
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 7.9 6.5 9.7



#86
Indeno(1,2,3-cd)pyrene
Concen: 9.328 ng
RT: 16.45 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Tgt Ion:276 Resp: 455232
Ion Ratio Lower Upper
276 100
138 29.4 23.0 34.4
277 25.4 20.6 30.8

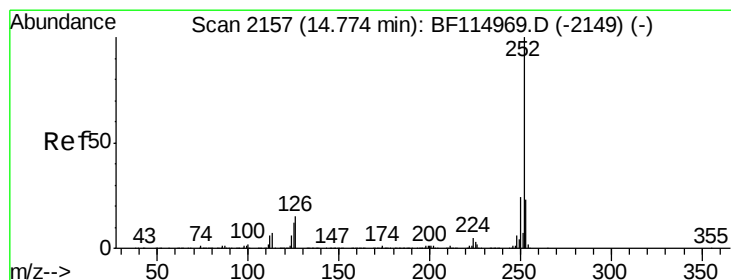
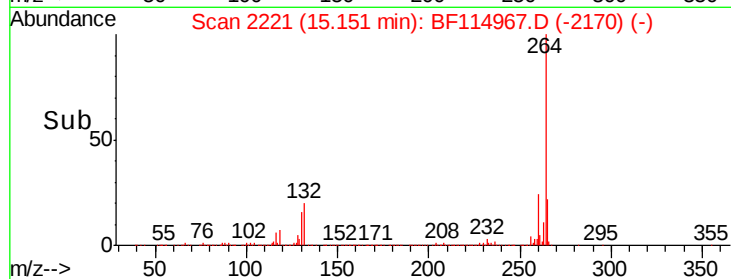
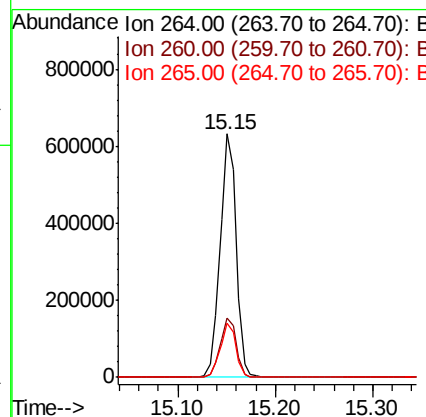
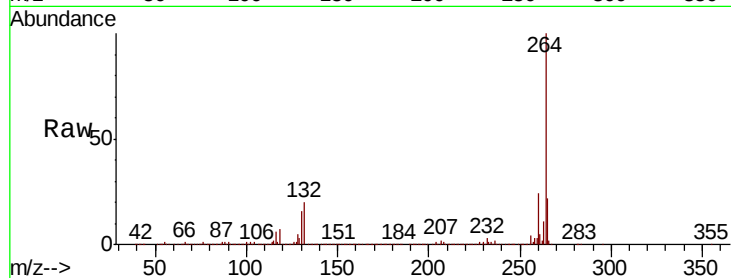




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

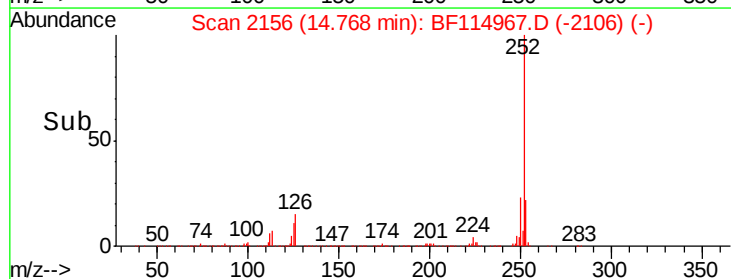
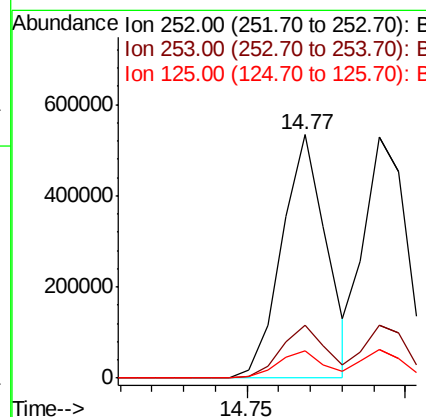
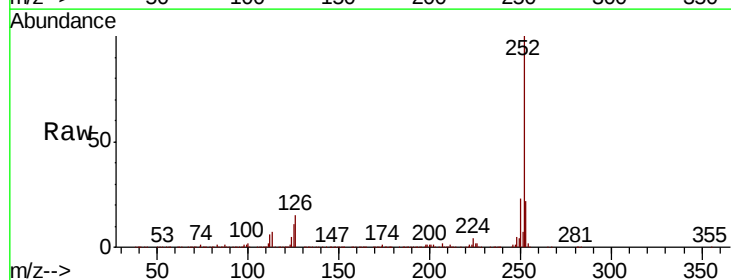
Instrument :
BNA_F
ClientSampleId :

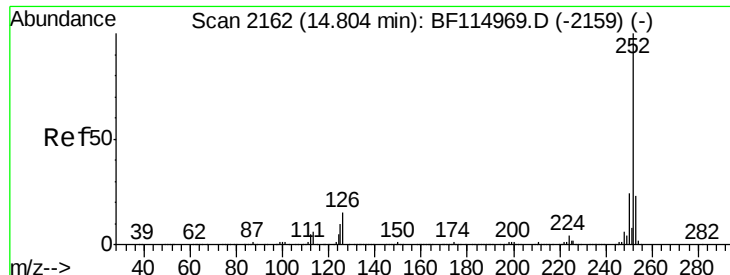
Tot Ion:264 Resp: 721498
Ion Ratio Lower Upper
264 100
260 24.2 19.9 29.9
265 22.2 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 11.166 ng
RT: 14.77 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Tgt Ion:252 Resp: 524487
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 11.2 9.4 14.0

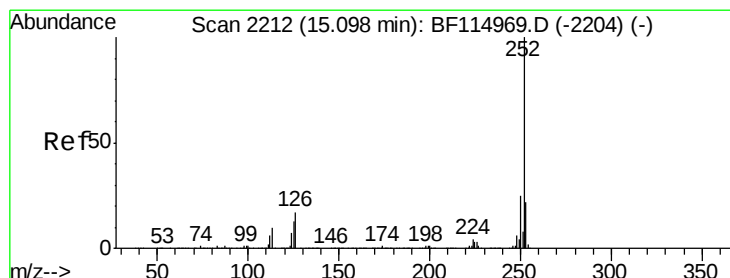
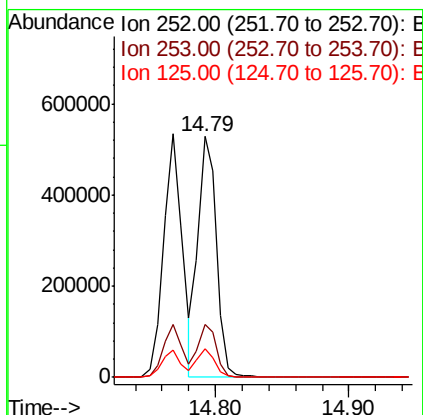
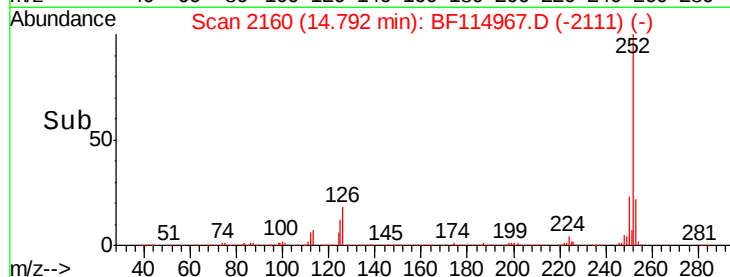
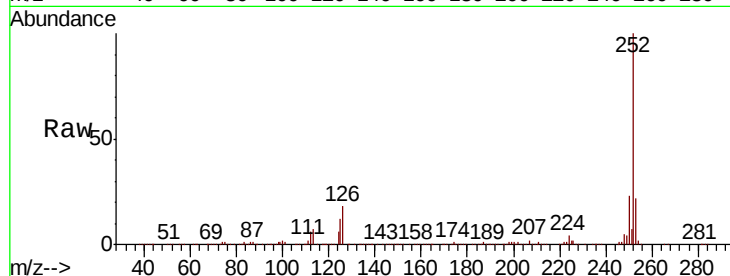




#89
Benzo(k)fluoranthene
Concen: 12.226 ng
RT: 14.79 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

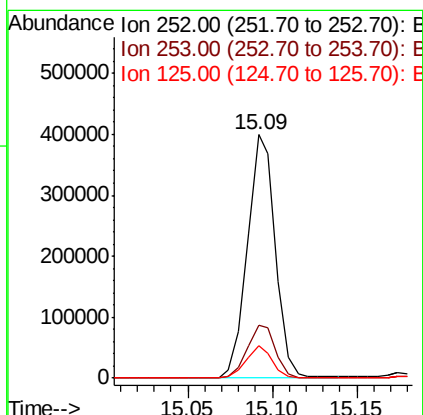
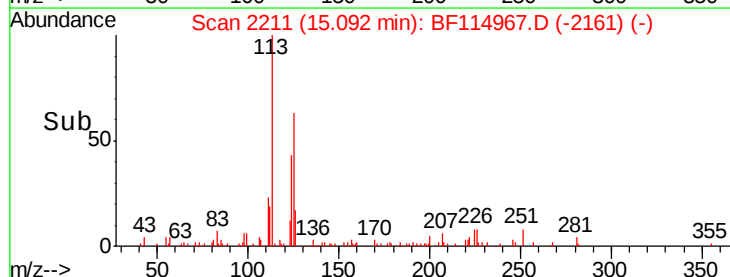
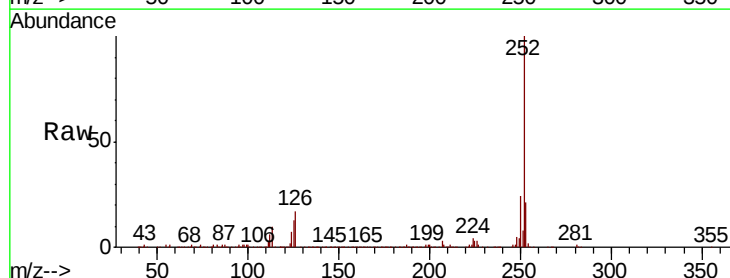
Instrument :
BNA_F
ClientSampleId :

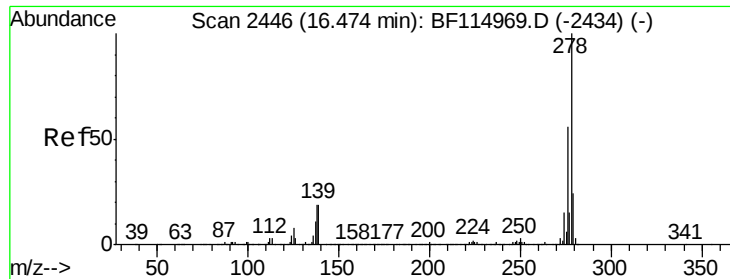
Tot Ion:252 Resp: 498404
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 12.1 8.2 12.4



#90
Benzo(a)pyrene
Concen: 11.316 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF114967.D
Acq: 12 Jun 2019 10:23

Tgt Ion:252 Resp: 461669
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 13.3 10.7 16.1





#91

Dibenzo(a,h)anthracene

Concen: 10.854 ng

RT: 16.46 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

Instrument :

BNA_F

ClientSampleId :

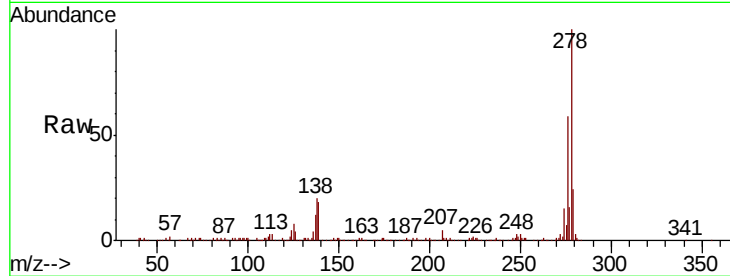
Tot Ion:278 Resp: 374053

Ion Ratio Lower Upper

278 100

139 17.8 15.3 22.9

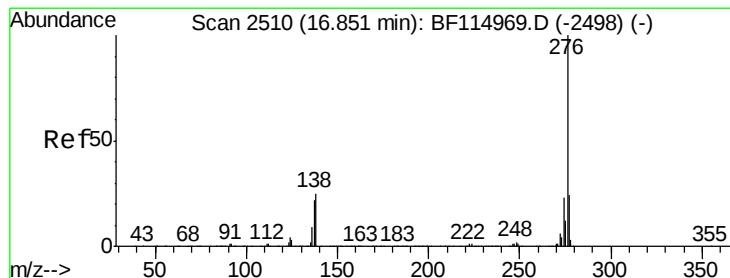
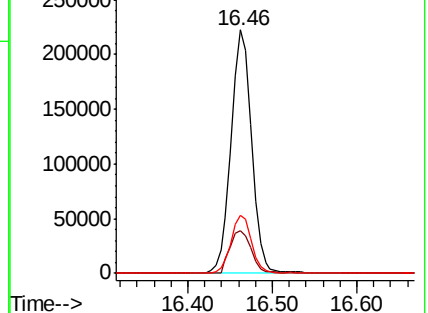
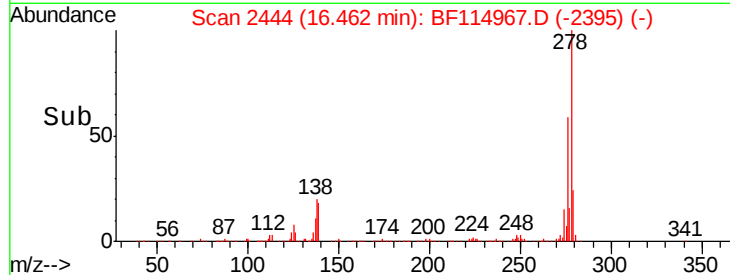
279 23.7 19.2 28.8



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: 10.429 ng

RT: 16.83 min Scan# 2507

Delta R.T. -0.02 min

Lab File: BF114967.D

Acq: 12 Jun 2019 10:23

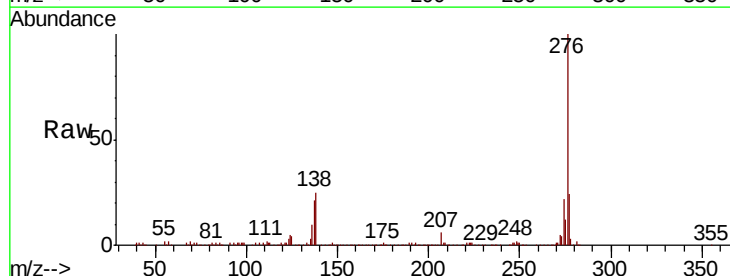
Tgt Ion:276 Resp: 358273

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 24.8 20.2 30.4



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

