

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114603.D
 Acq On : 25 May 2019 15:00
 Operator : JU/SJ
 Sample : PB119810BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 23:41:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	126626	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	483548	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	229585	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	465134	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	338651	20.00	ng	-0.02
87) Perylene-d12	15.42	264	351880	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1018457	129.43	ng	0.00
7) Phenol-d6	6.45	99	1262997	135.71	ng	-0.01
23) Nitrobenzene-d5	7.37	82	766546	88.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	311520	131.25	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1412744	93.08	ng	-0.02
79) Terphenyl-d14	12.90	244	1527807	93.00	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.59	88	193142	44.657	ng	98
3) Pyridine	3.35	79	355345	29.820	ng	99
4) n-Nitrosodimethylamine	3.29	42	192758	33.544	ng	98
6) Aniline	6.47	93	374658	27.869	ng	# 62
8) 2-Chlorophenol	6.59	128	365872	43.555	ng	95
9) Benzaldehyde	6.35	77	176737	27.127	ng	96
10) Phenol	6.46	94	448746	40.990	ng	85
11) bis(2-Chloroethyl)ether	6.53	93	348066	41.878	ng	97
12) 1,3-Dichlorobenzene	6.74	146	387158	41.059	ng	98
13) 1,4-Dichlorobenzene	6.82	146	393729	41.438	ng	98
14) 1,2-Dichlorobenzene	6.97	146	365180	42.068	ng	98
15) Benzyl Alcohol	6.95	79	293271	40.404	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	628187	38.981	ng	57
17) 2-Methylphenol	7.07	107	286265	41.486	ng	# 91
18) Hexachloroethane	7.31	117	142596	39.982	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	251616	42.655	ng	96
20) 3+4-Methylphenols	7.22	107	381128	47.805	ng	# 65
22) Acetophenone	7.21	105	492591	45.984	ng	# 88
24) Nitrobenzene	7.39	77	383210	43.667	ng	96
25) Isophorone	7.62	82	687309	43.011	ng	99
26) 2-Nitrophenol	7.70	139	194335	45.643	ng	99
27) 2,4-Dimethylphenol	7.75	122	320730	47.963	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	441724	42.603	ng	99
29) 2,4-Dichlorophenol	7.96	162	301820	45.327	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	321356	42.441	ng	99
31) Naphthalene	8.10	128	1036811	45.902	ng	99
32) Benzoic acid	7.89	122	171185	37.672	ng	97
33) 4-Chloroaniline	8.16	127	274619	26.681	ng	97
34) Hexachlorobutadiene	8.22	225	183703	42.640	ng	98
35) Caprolactam	8.52	113	48822	22.486	ng	95
36) 4-Chloro-3-methylphenol	8.65	107	314268	46.888	ng	97
37) 2-Methylnaphthalene	8.80	142	701467	48.134	ng	97
38) 1-Methylnaphthalene	8.90	142	657293	47.894	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	319375	45.923	ng	99

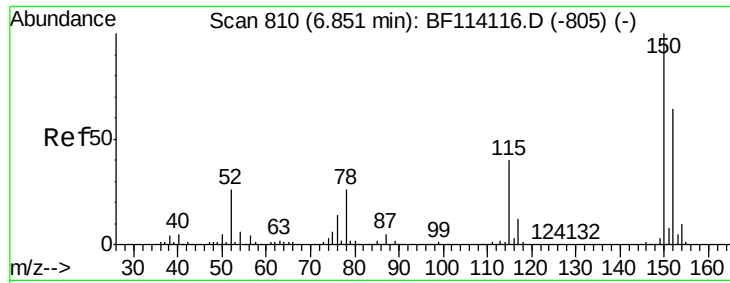
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	138294	44.700	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	196050	40.984	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	197339	40.226	ng	96
46) 1,1'-Biphenyl	9.26	154	861109	46.428	ng	98
47) 2-Chloronaphthalene	9.29	162	642974	43.075	ng	99
48) 2-Nitroaniline	9.39	65	214730	40.563	ng	99
49) Acenaphthylene	9.70	152	1030221	45.379	ng	99
50) Dimethylphthalate	9.56	163	736272	43.686	ng	100
51) 2,6-Dinitrotoluene	9.63	165	165117	44.171	ng	98
52) Acenaphthene	9.87	154	603729	43.336	ng	100
53) 3-Nitroaniline	9.80	138	130763	28.180	ng	98
54) 2,4-Dinitrophenol	9.92	184	132797	71.438	ng	99
55) Dibenzofuran	10.05	168	885227	43.334	ng	99
56) 4-Nitrophenol	9.99	139	166597	50.767	ng	98
57) 2,4-Dinitrotoluene	10.04	165	206672	40.734	ng	# 76
58) Fluorene	10.39	166	728748	46.185	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	170526	40.286	ng	99
60) Diethylphthalate	10.26	149	761039	44.442	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	352560	45.492	ng	97
62) 4-Nitroaniline	10.42	138	178563	36.620	ng	99
63) Azobenzene	10.54	77	723762	43.664	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	94976	42.494	ng	88
66) n-Nitrosodiphenylamine	10.50	169	644767	45.673	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	217877	42.543	ng	97
68) Hexachlorobenzene	10.95	284	233419	41.200	ng	92
69) Atrazine	11.02	200	190404	43.341	ng	98
70) Pentachlorophenol	11.15	266	159615	59.431	ng	96
71) Phenanthrene	11.35	178	1026716	45.371	ng	99
72) Anthracene	11.40	178	1074504	47.274	ng	98
73) Carbazole	11.56	167	1009606	46.581	ng	98
74) Di-n-butylphthalate	11.88	149	1214209	48.625	ng	99
75) Fluoranthene	12.54	202	1145158	46.993	ng	99
77) Benzidine	12.66	184	586153	38.559	ng	97
78) Pyrene	12.77	202	1157743	42.497	ng	99
80) Butylbenzylphthalate	13.37	149	539491	47.048	ng	99
81) Benzo(a)anthracene	13.96	228	991739	45.277	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	270380	31.820	ng	99
83) Chrysene	14.00	228	976251	45.466	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	763739	50.926	ng	99
85) Di-n-octyl phthalate	14.54	149	1278362	52.583	ng	98
86) Indeno(1,2,3-cd)pyrene	16.89	276	908463	47.873	ng	100
88) Benzo(b)fluoranthene	15.00	252	959284	42.553	ng	100
89) Benzo(k)fluoranthene	15.03	252	971633	46.920	ng	98
90) Benzo(a)pyrene	15.37	252	920198	46.381	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	761105	46.166	ng	98
92) Benzo(g,h,i)perylene	17.33	276	779941	47.207	ng	97

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

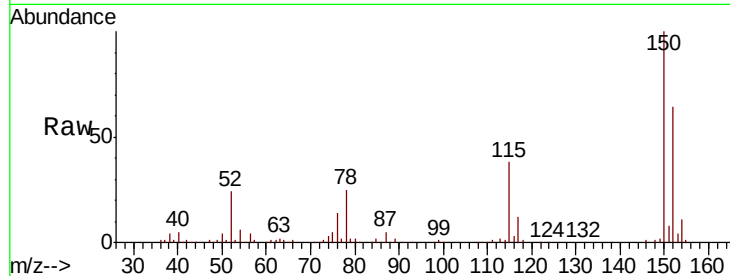


#1

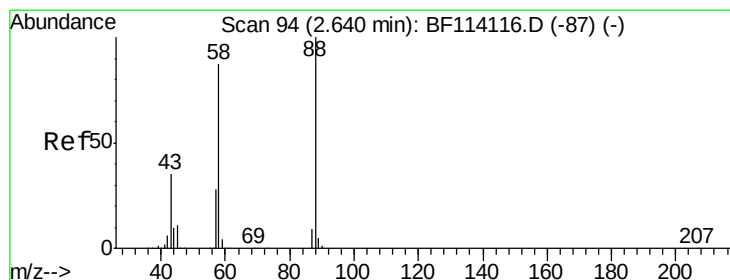
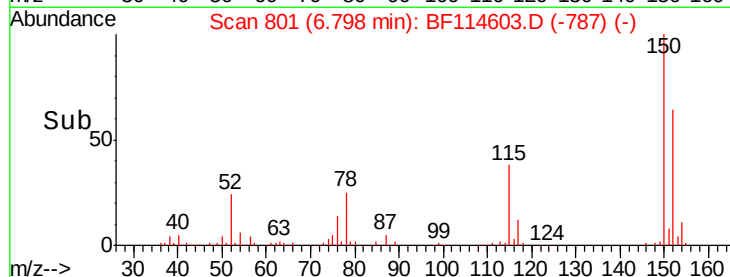
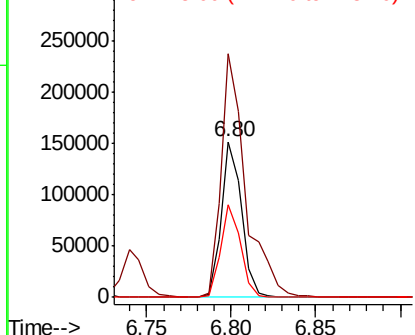
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126626
Ion Ratio Lower Upper
152 100
150 156.6 124.3 186.5
115 59.1 49.1 73.7



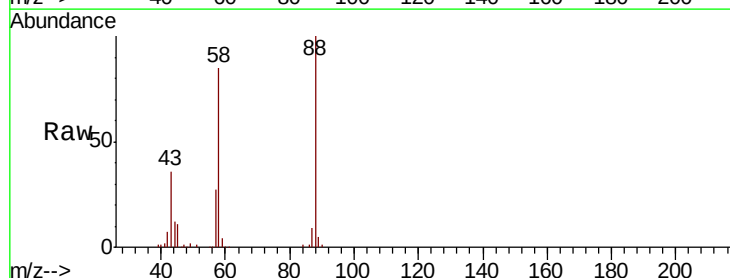
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



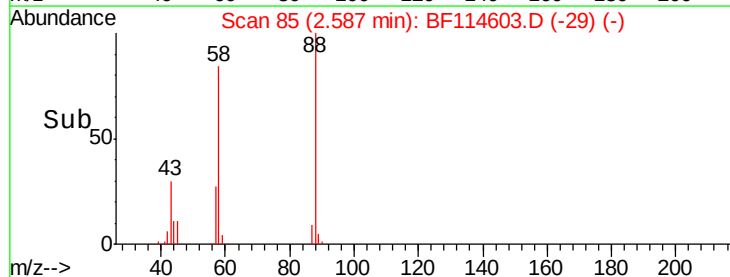
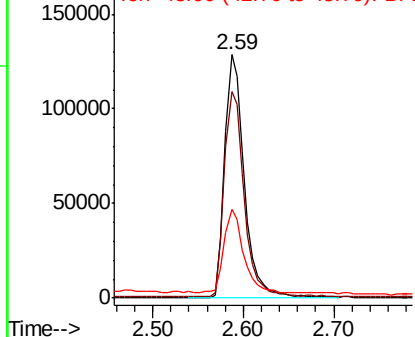
#2

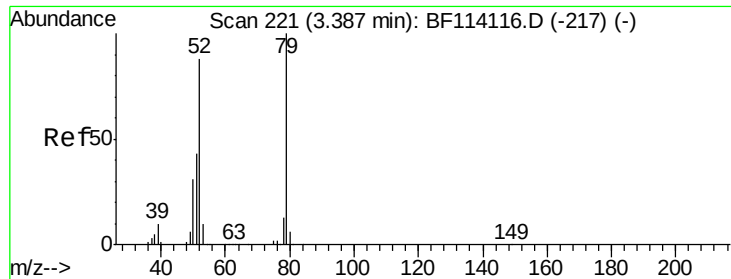
1,4-Dioxane
Concen: 44.657 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.03 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion: 88 Resp: 193142
Ion Ratio Lower Upper
88 100
58 85.0 68.7 103.1
43 33.1 28.2 42.2



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: 29.820 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.04 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampleId :

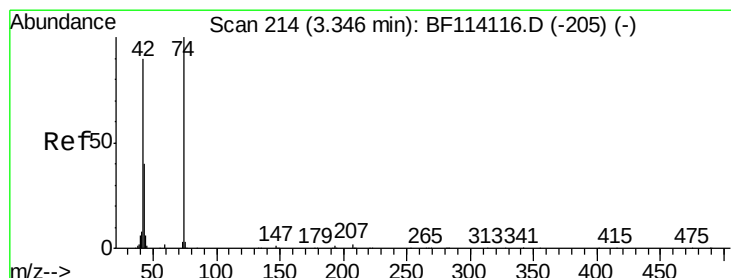
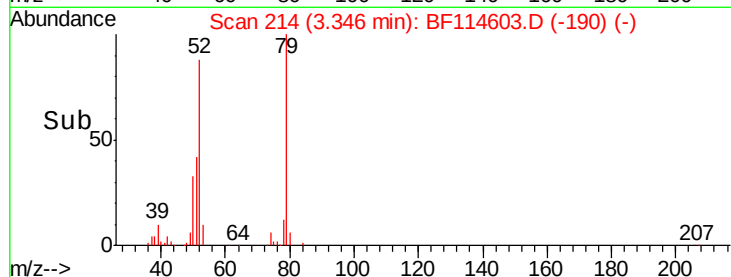
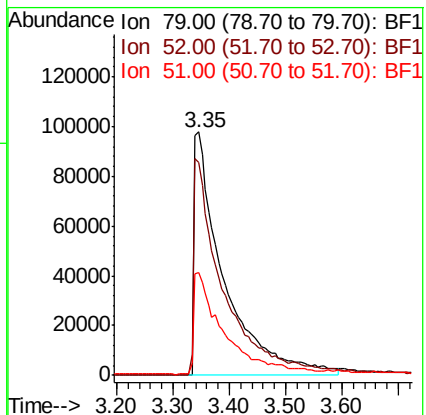
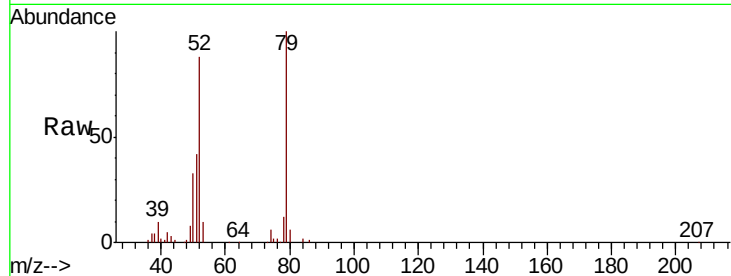
Tot Ion: 79 Resp: 355345

Ion Ratio Lower Upper

79 100

52 87.6 70.6 105.8

51 42.2 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 33.544 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.02 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

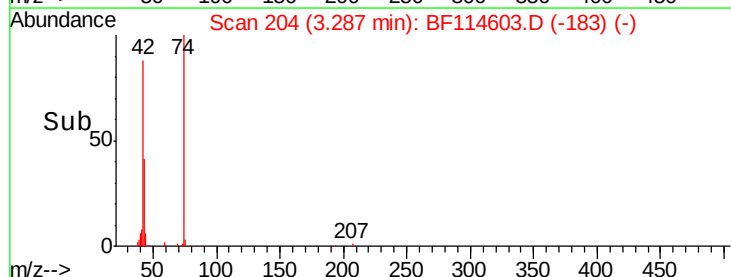
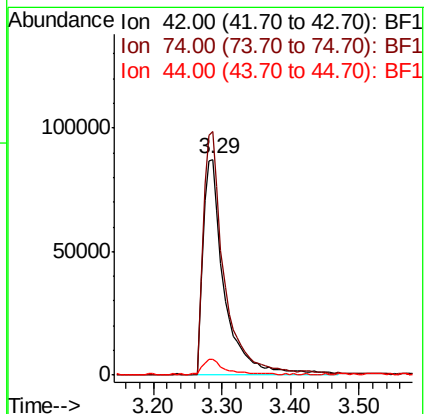
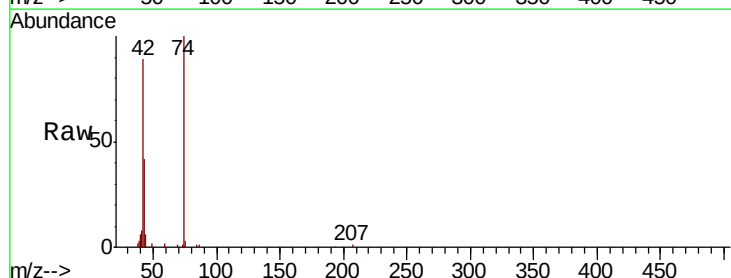
Tgt Ion: 42 Resp: 192758

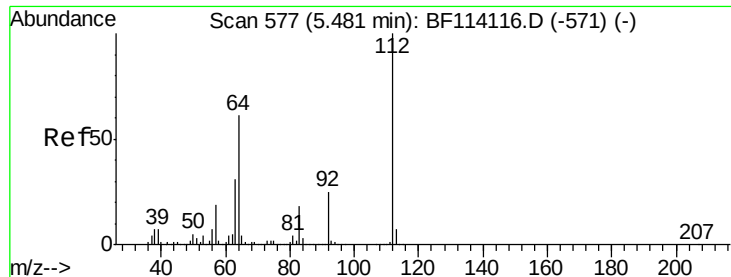
Ion Ratio Lower Upper

42 100

74 112.7 88.6 132.8

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 129.433 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampleId :

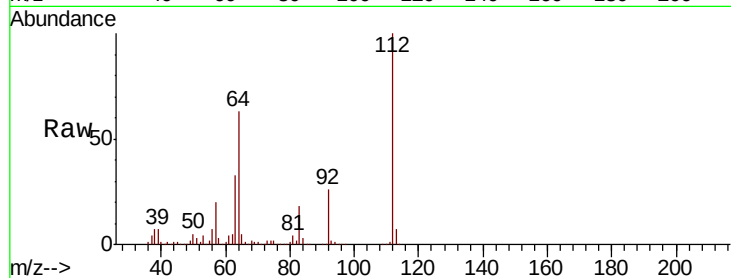
Tot Ion:112 Resp: 1018457

Ion Ratio Lower Upper

112 100

64 63.2 49.0 73.6

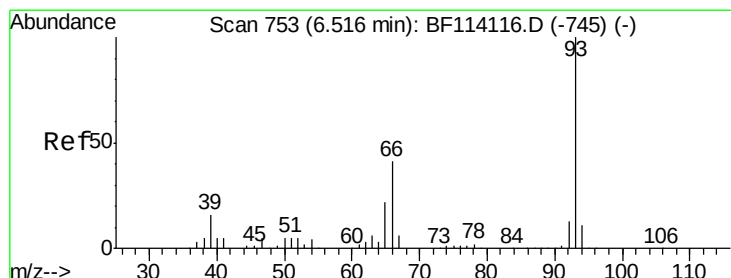
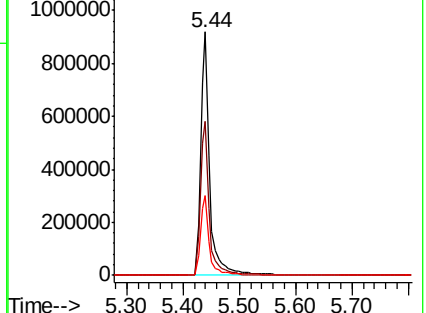
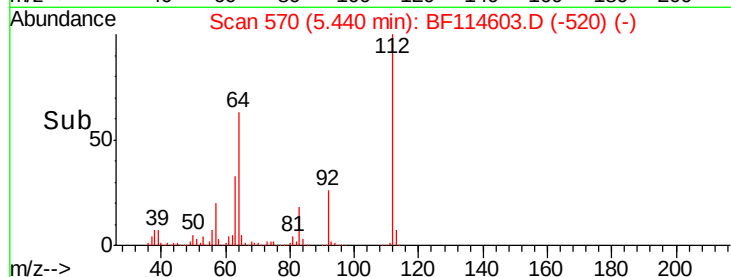
63 32.6 24.6 37.0



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: 27.869 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

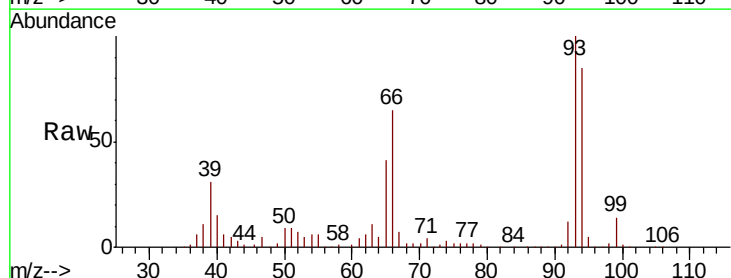
Tgt Ion: 93 Resp: 374658

Ion Ratio Lower Upper

93 100

66 65.4 33.2 49.8#

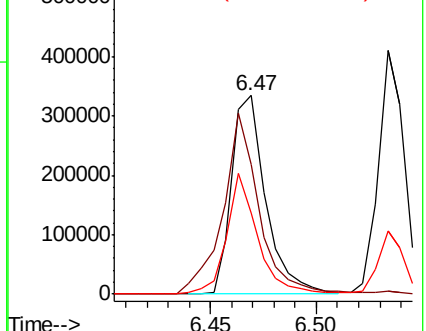
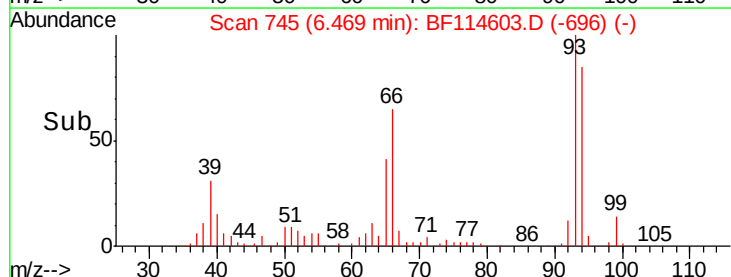
65 40.6 17.6 26.4#

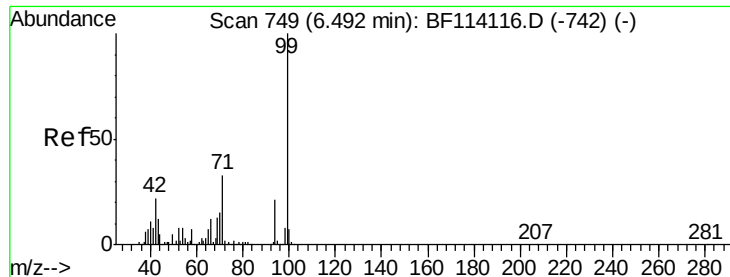


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 135.712 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

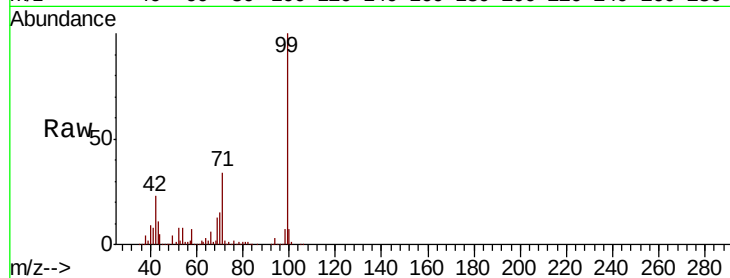
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1262997

Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.9	26.9
71	33.9	26.2	39.2

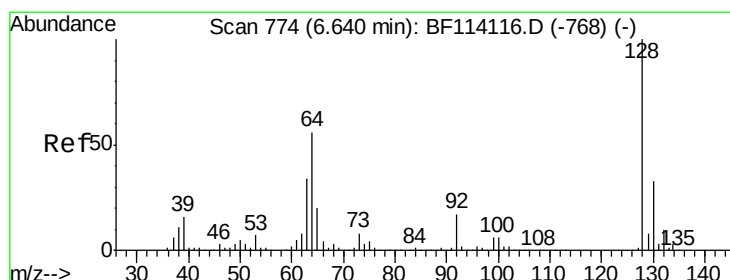
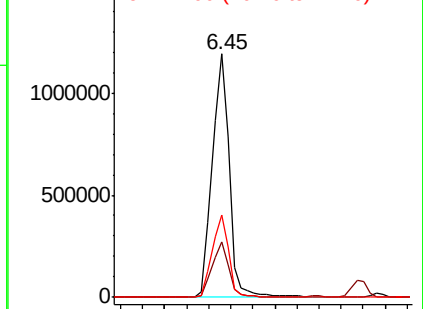
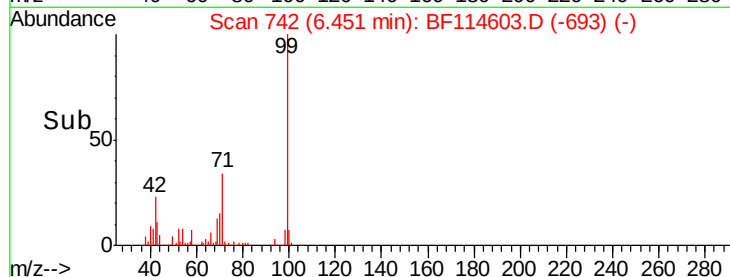


Abundance

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: 43.555 ng

RT: 6.59 min Scan# 766

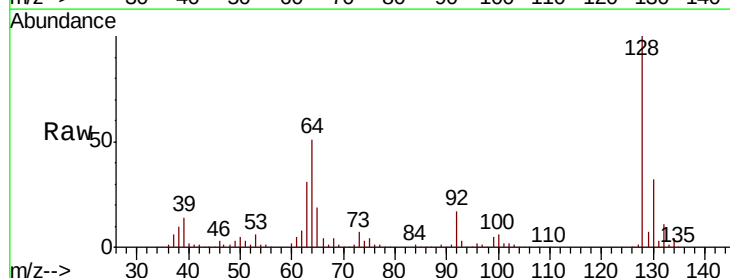
Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Tgt Ion: 128 Resp: 365872

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.6	52.6
64	51.1	35.9	75.9

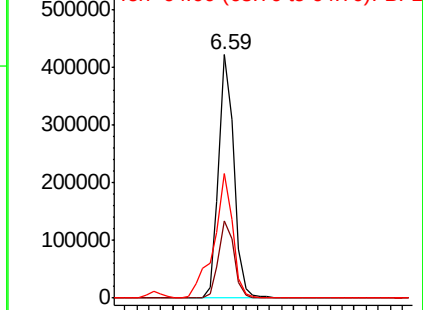
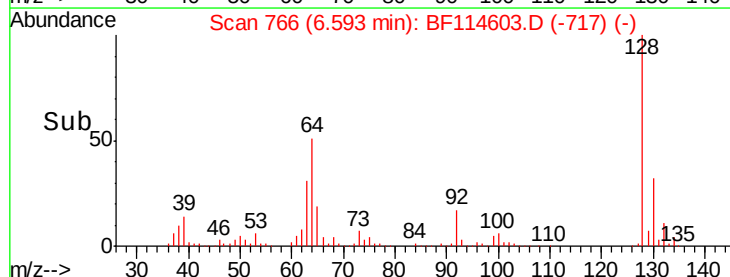


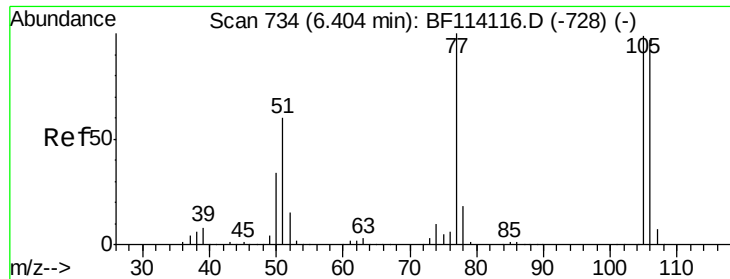
Abundance

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: 27.127 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampleId :

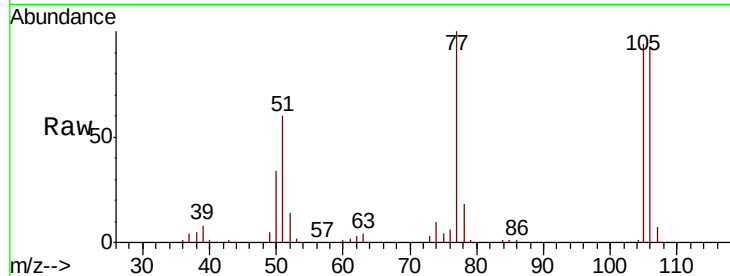
Tot Ion: 77 Resp: 176737

Ion Ratio Lower Upper

77 100

105 94.3 79.3 119.3

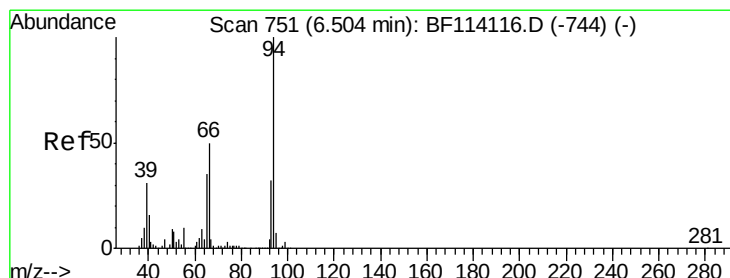
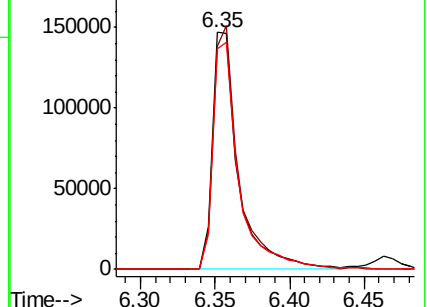
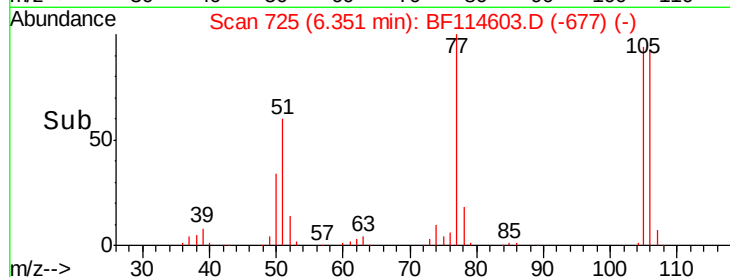
106 93.3 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.990 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

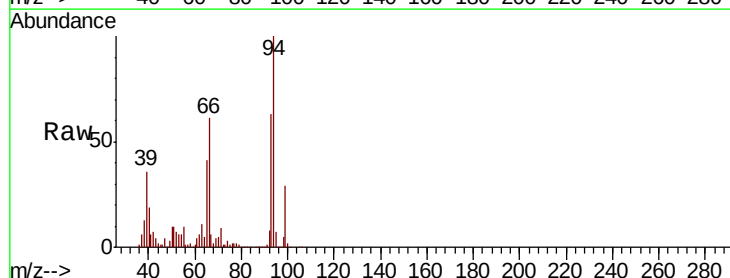
Tgt Ion: 94 Resp: 448746

Ion Ratio Lower Upper

94 100

65 41.0 14.7 54.7

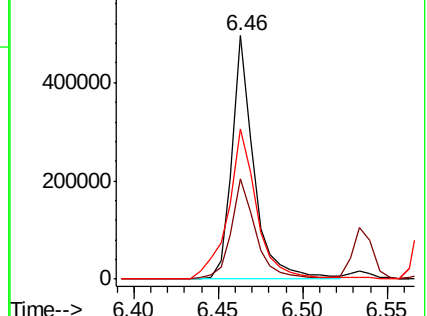
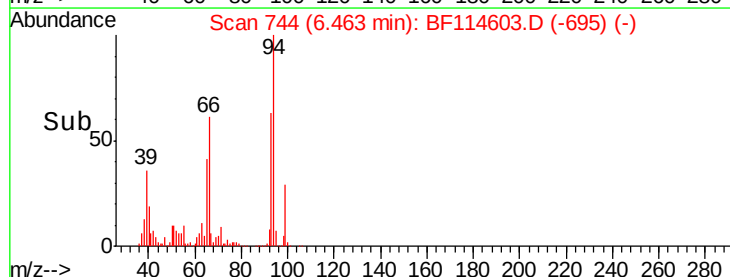
66 61.5 29.6 69.6

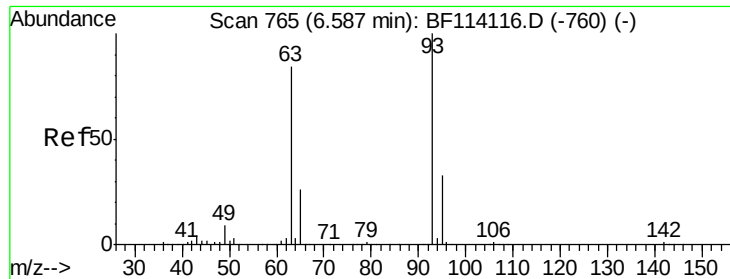


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

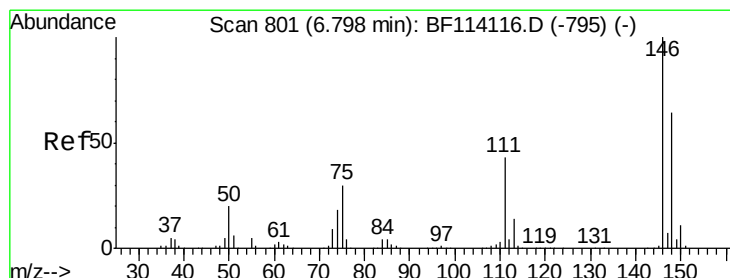
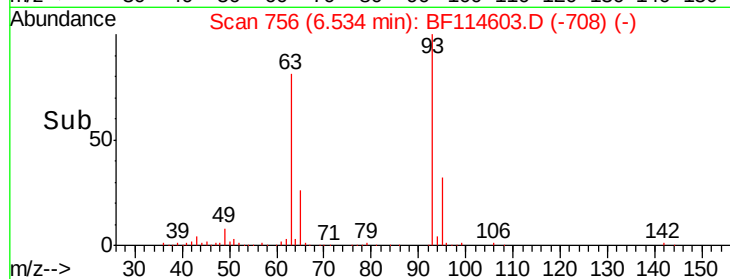
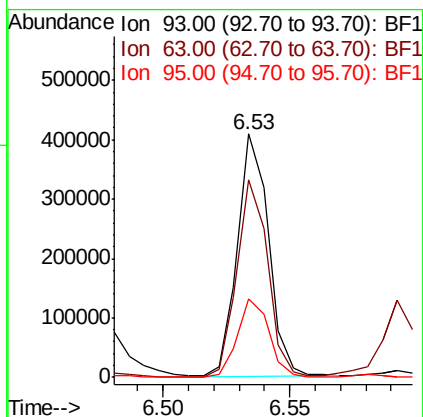
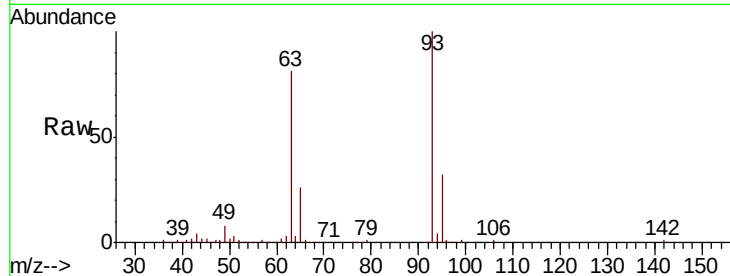




#11
bis(2-Chloroethyl)ether
Concen: 41.878 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

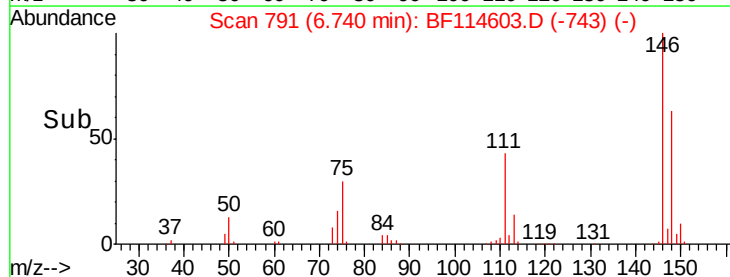
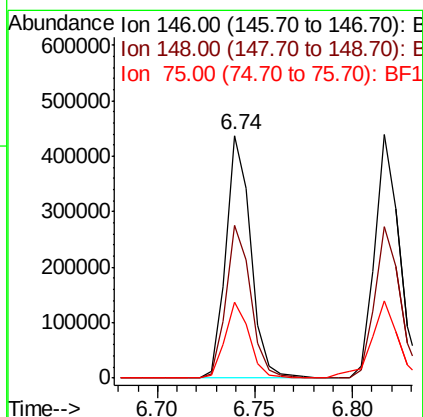
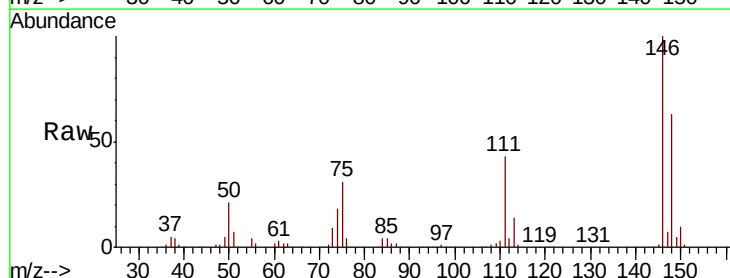
Instrument :
BNA_F
ClientSampleId :

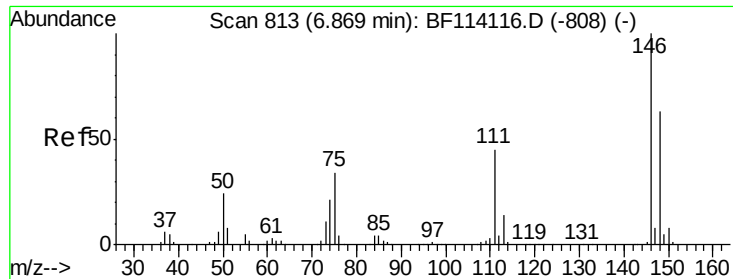
Tot Ion	93	Resp	348066
Ion	Ratio	Lower	Upper
93	100		
63	81.0	63.6	103.6
95	32.2	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 41.059 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	146	Resp	387158
Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.6	77.4
75	31.4	24.2	36.2

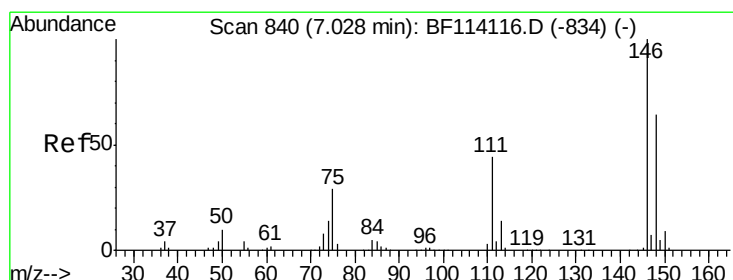
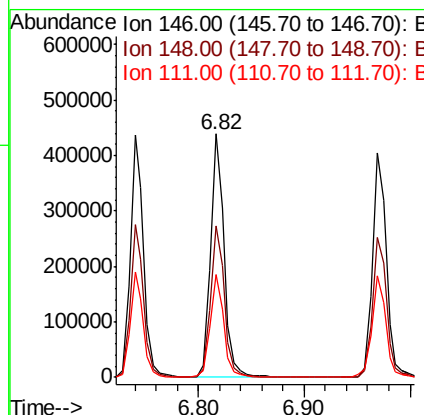
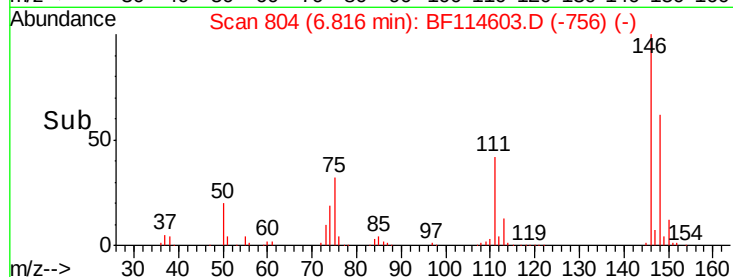
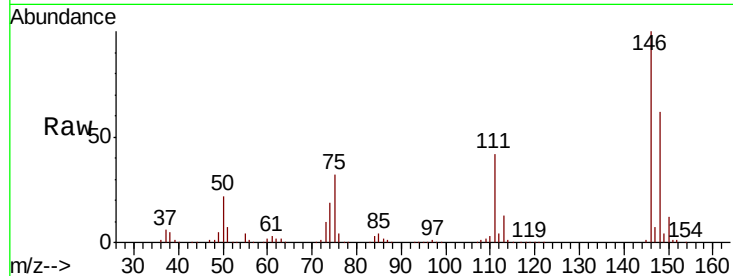




#13
 1,4-Dichlorobenzene
 Concen: 41.438 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

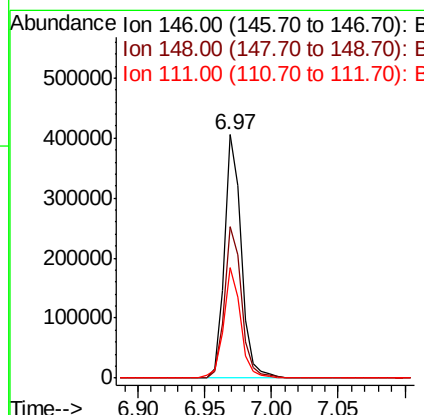
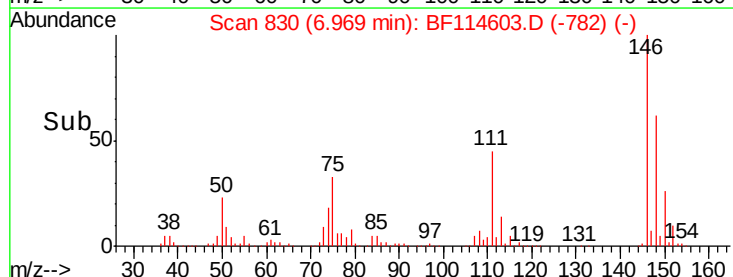
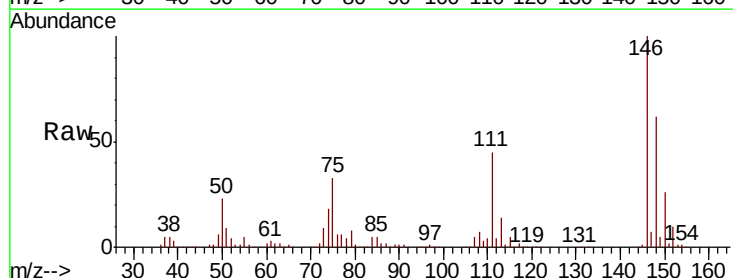
Instrument :
 BNA_F
 ClientSampled :

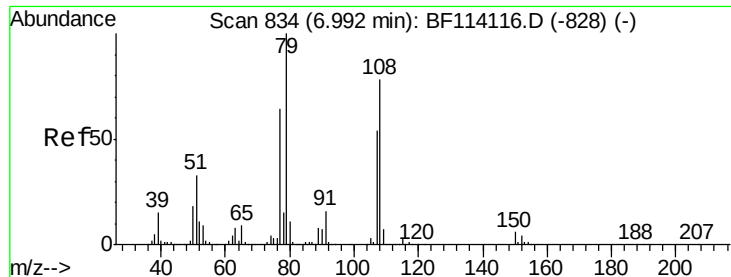
Tot Ion:146 Resp: 393729
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.2 75.2
 111 42.3 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 42.068 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Tgt Ion:146 Resp: 365180
 Ion Ratio Lower Upper
 146 100
 148 62.2 51.1 76.7
 111 45.4 35.3 52.9





#15

Benzyl Alcohol

Concen: 40.404 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampled :

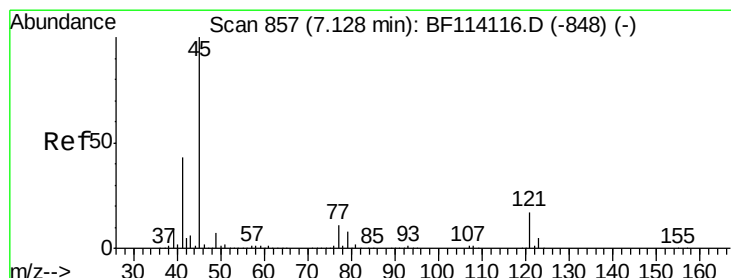
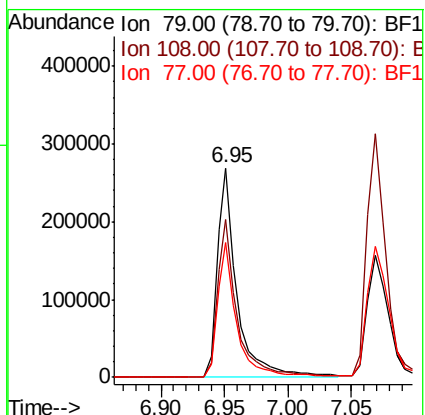
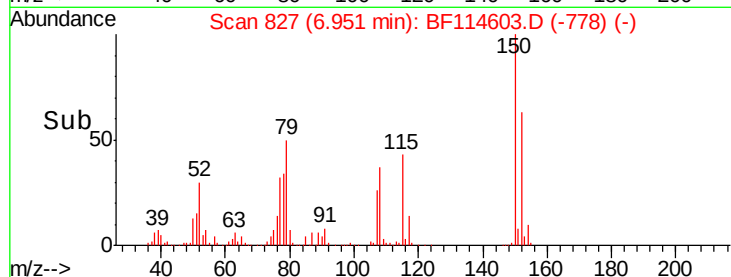
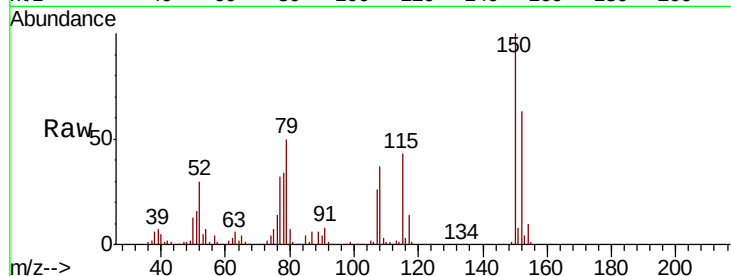
Tot Ion: 79 Resp: 293271

Ion Ratio Lower Upper

79 100

108 75.1 62.1 93.1

77 64.1 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.981 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

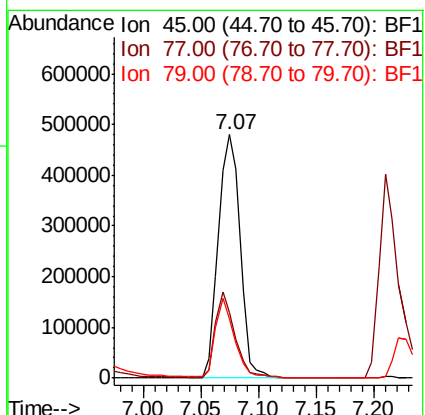
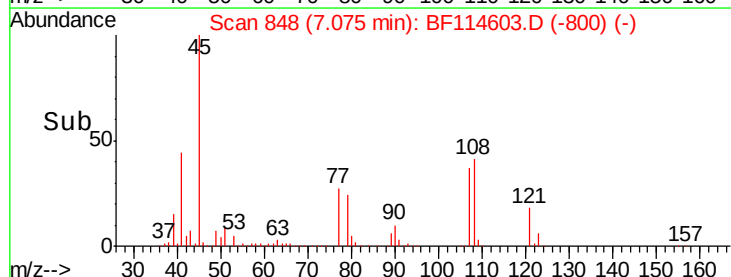
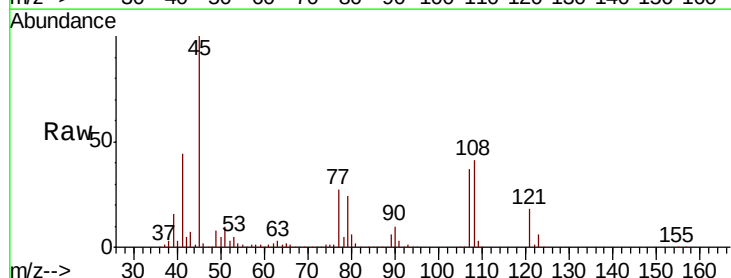
Tgt Ion: 45 Resp: 628187

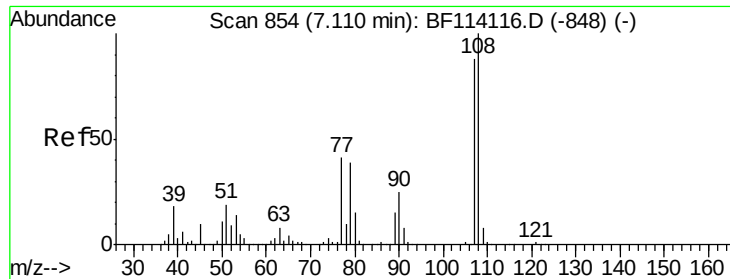
Ion Ratio Lower Upper

45 100

77 27.2 0.0 31.1

79 24.3 0.0 28.4





#17

2-Methylphenol

Concen: 41.486 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 286265

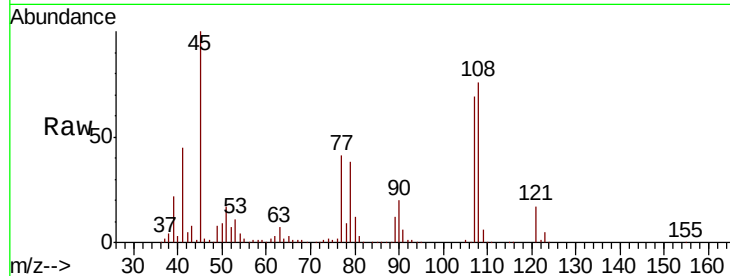
Ion Ratio Lower Upper

107 100

108 111.3 90.5 135.7

77 60.1 37.0 55.4#

79 55.6 35.8 53.8#

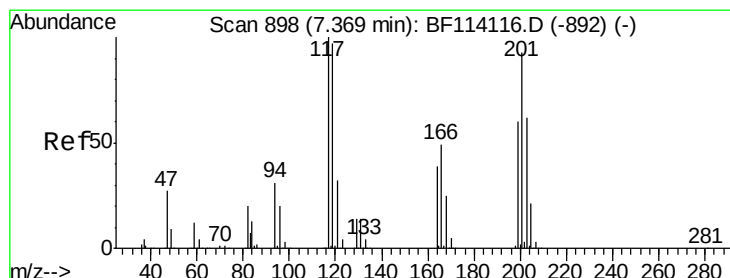
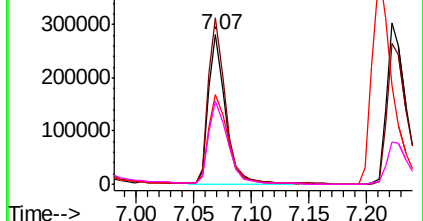
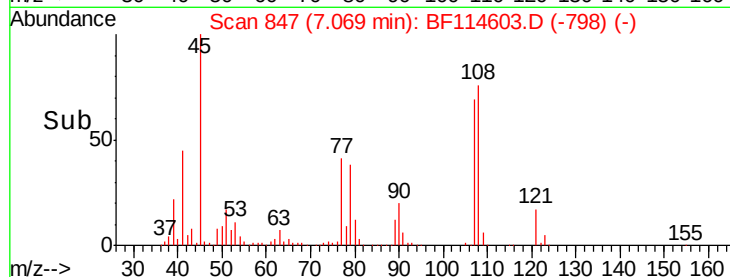


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.982 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

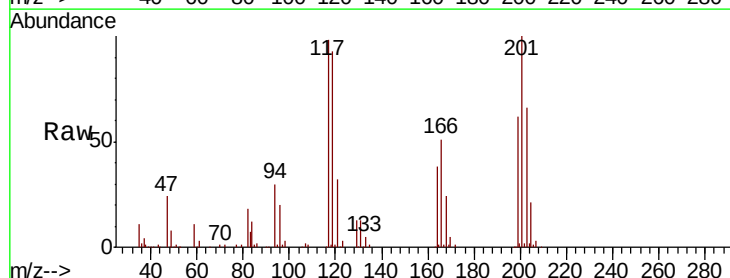
Tgt Ion:117 Resp: 142596

Ion Ratio Lower Upper

117 100

119 95.0 77.4 116.2

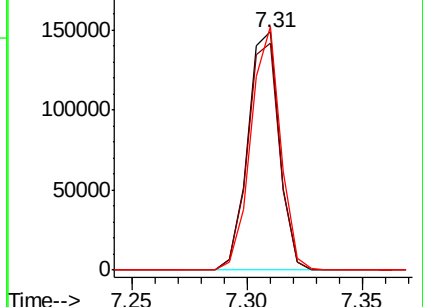
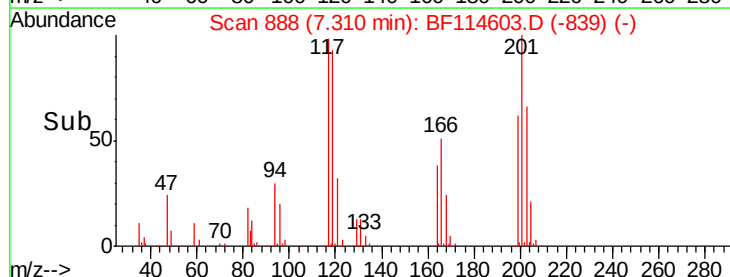
201 102.1 74.5 111.7

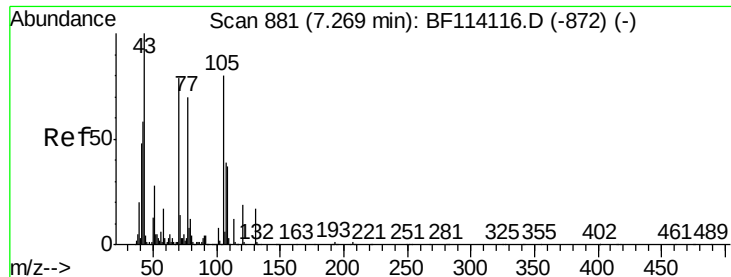


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

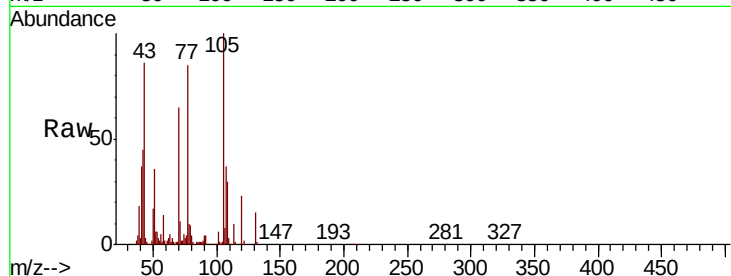




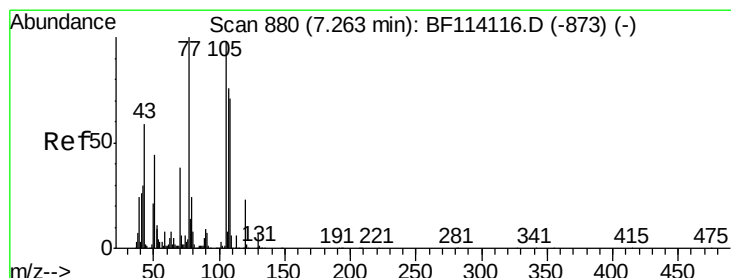
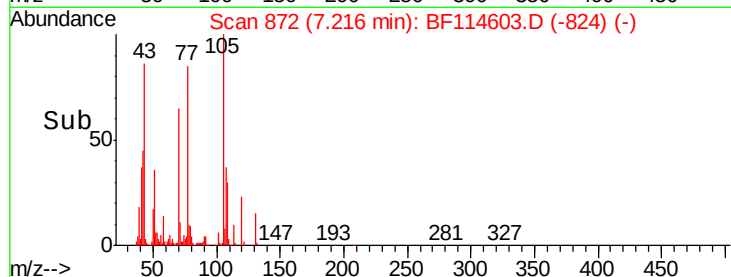
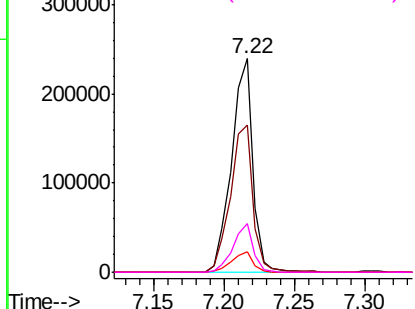
#19
n-Nitroso-di-n-propylamine
Concen: 42.655 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	251616
Ion	Ratio	Lower	Upper
70	100		
42	69.2	58.6	87.8
101	9.5	7.8	11.8
130	22.6	17.1	25.7

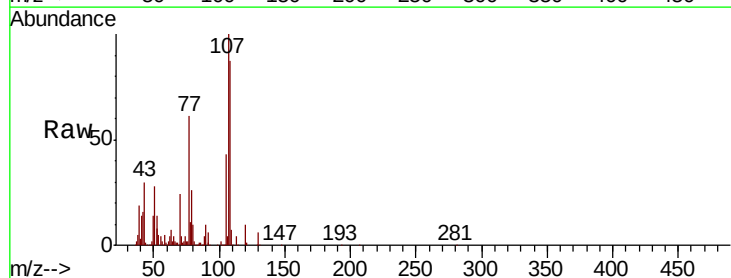


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

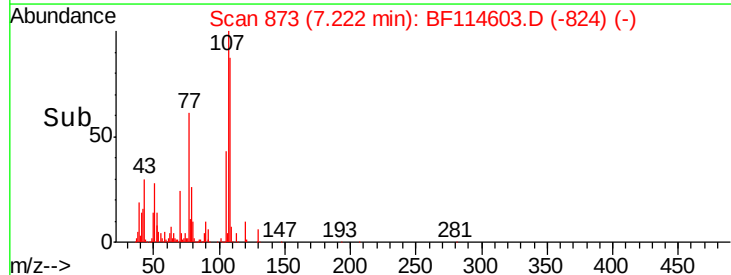
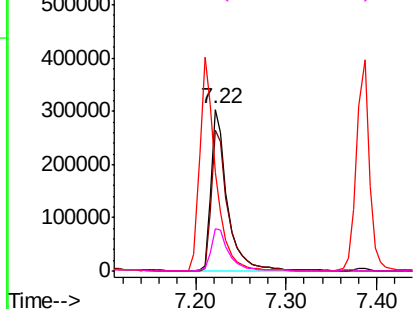


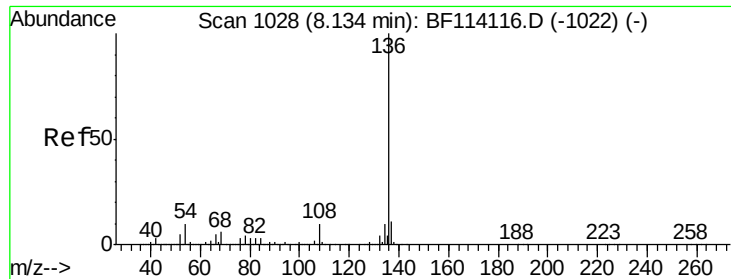
#20
3+4-Methylphenols
Concen: 47.805 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion:	107	Resp:	381128
Ion	Ratio	Lower	Upper
107	100		
108	87.0	73.8	113.8
77	60.8	111.5	151.5#
79	26.3	12.0	52.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

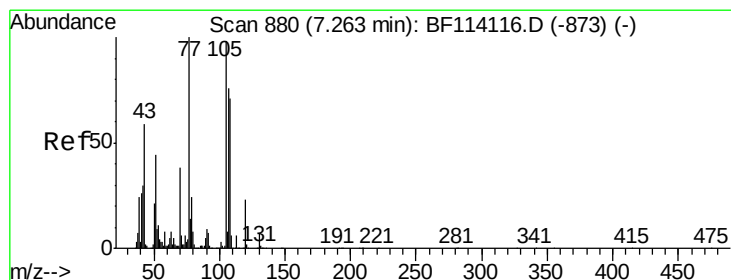
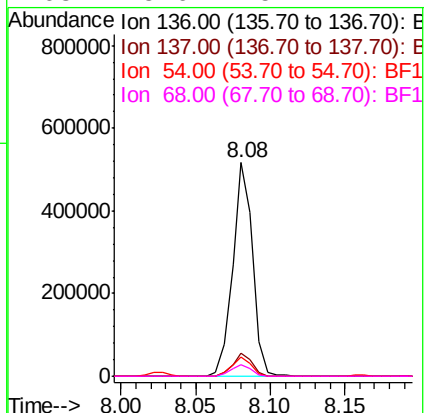
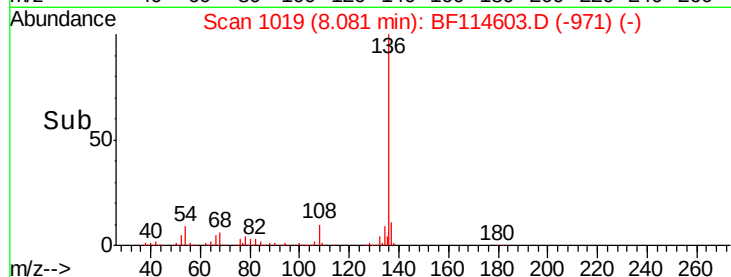
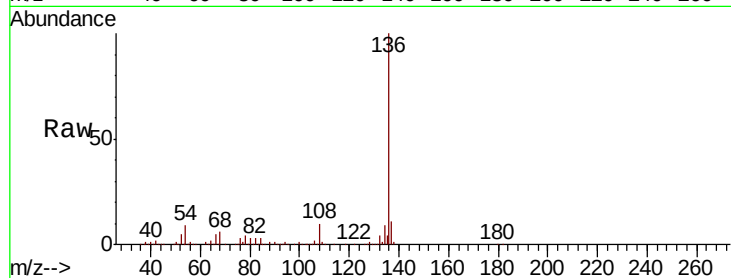




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

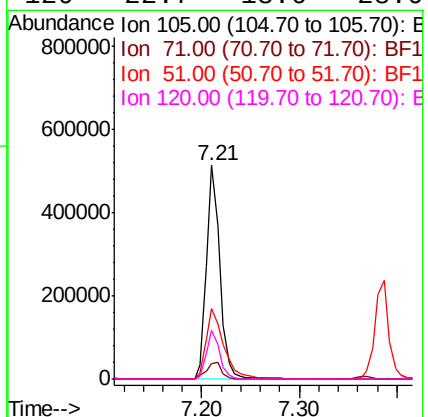
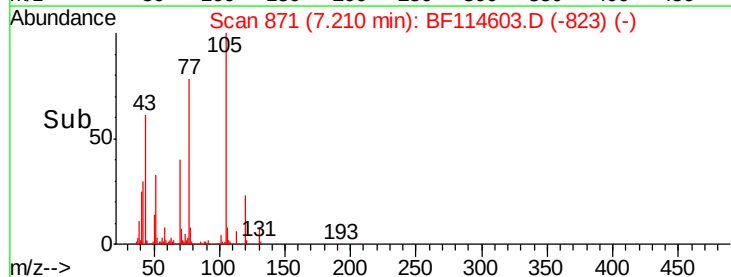
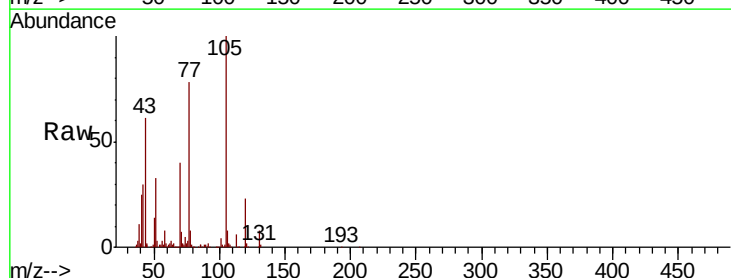
Instrument :
BNA_F
ClientSampleId :

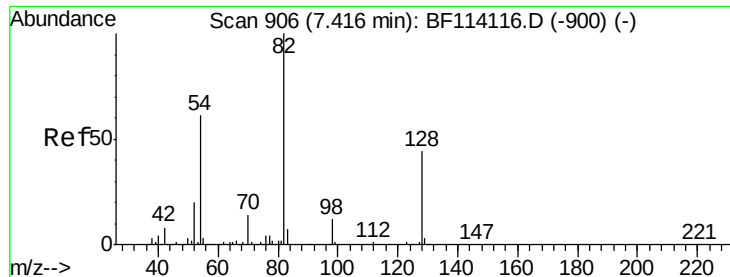
Tot Ion:136	Resp:	483548
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	9.2	7.8 11.8
68	5.6	5.1 7.7



#22
Acetophenone
Concen: 45.984 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion:105	Resp:	492591
Ion Ratio	Lower	Upper
105	100	
71	6.9	5.3 7.9
51	33.2	36.2 54.4
120	22.7	18.6 28.0

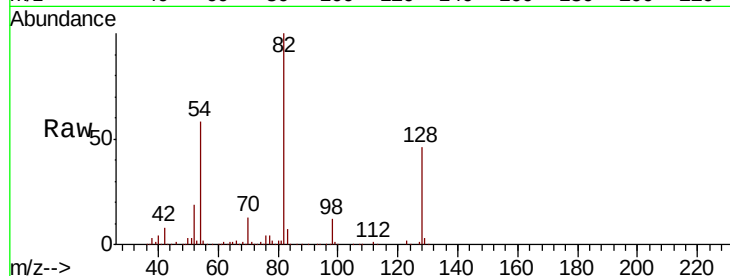




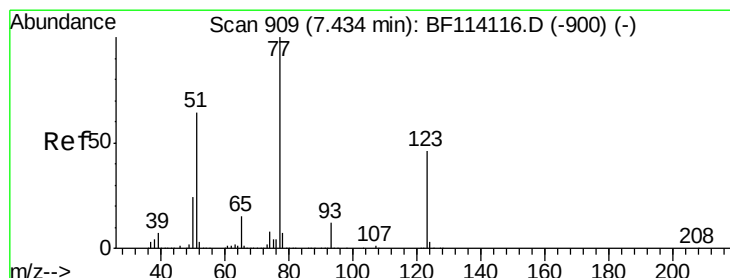
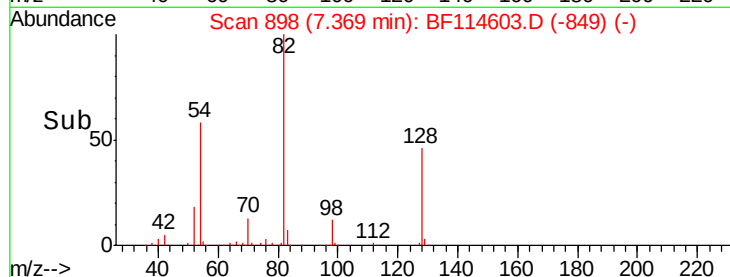
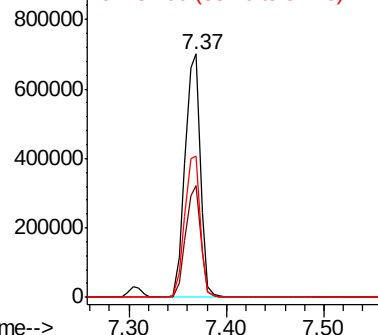
#23
 Nitrobenzene-d5
 Concen: 88.965 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 766546
 Ion Ratio Lower Upper
 82 100
 128 46.1 35.5 53.3
 54 58.1 48.5 72.7

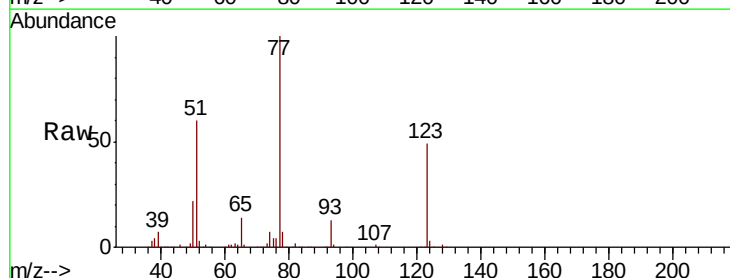


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

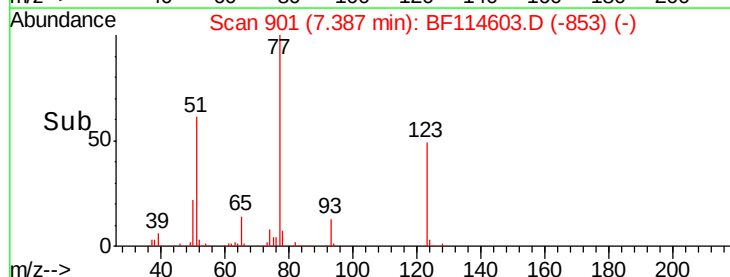
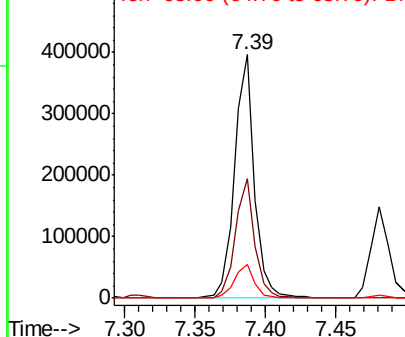


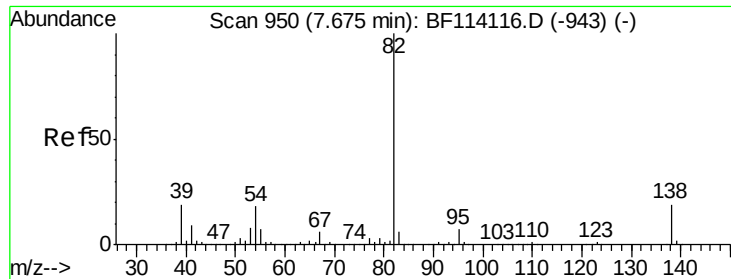
#24
 Nitrobenzene
 Concen: 43.667 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Tgt Ion: 77 Resp: 383210
 Ion Ratio Lower Upper
 77 100
 123 48.9 36.9 55.3
 65 14.0 11.8 17.6



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: 43.011 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampleId :

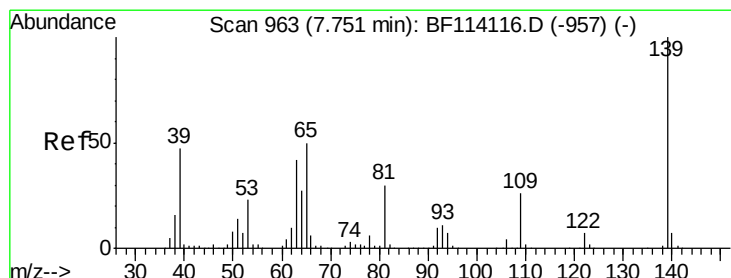
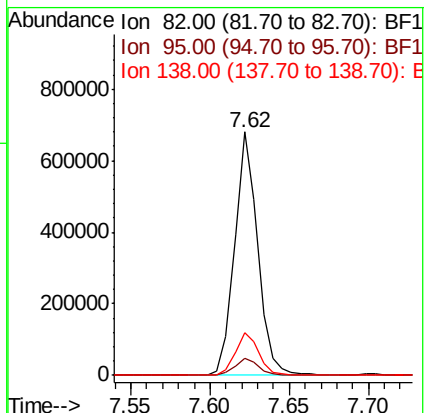
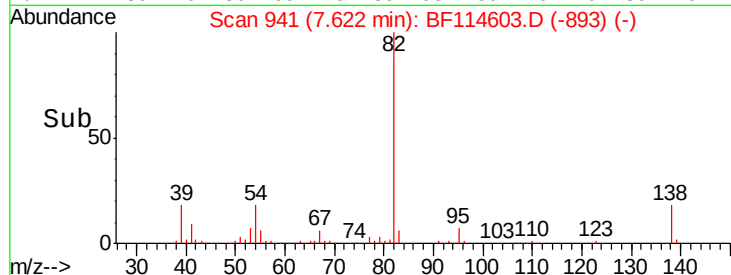
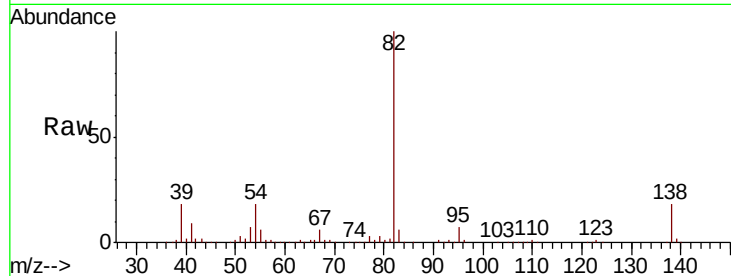
Tot Ion: 82 Resp: 687309

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 17.7 14.8 22.2



#26

2-Nitrophenol

Concen: 45.643 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

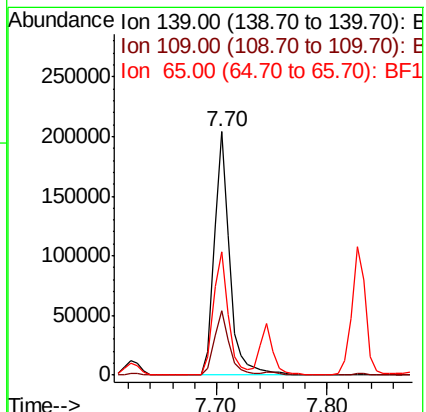
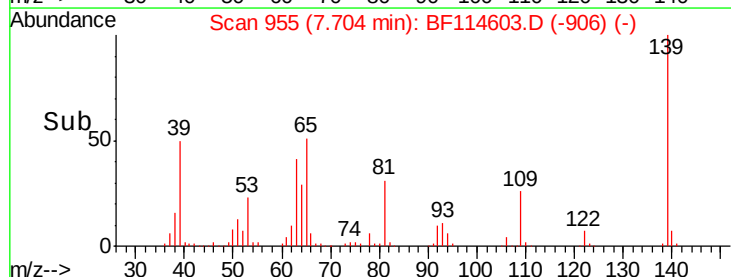
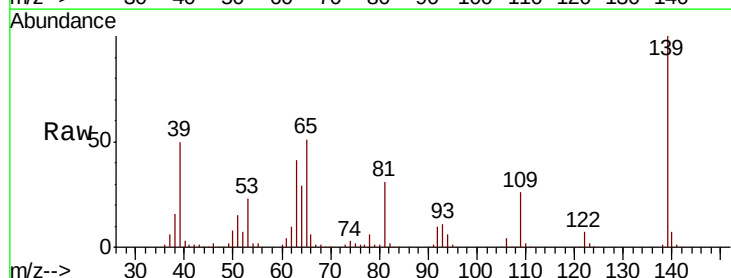
Tgt Ion: 139 Resp: 194335

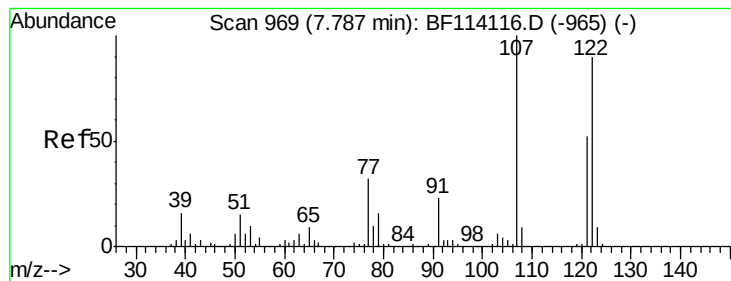
Ion Ratio Lower Upper

139 100

109 26.5 20.7 31.1

65 50.8 40.2 60.2

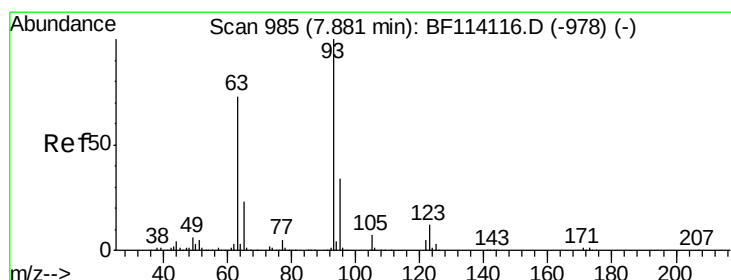
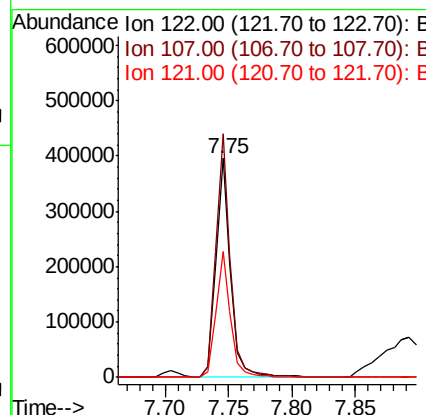
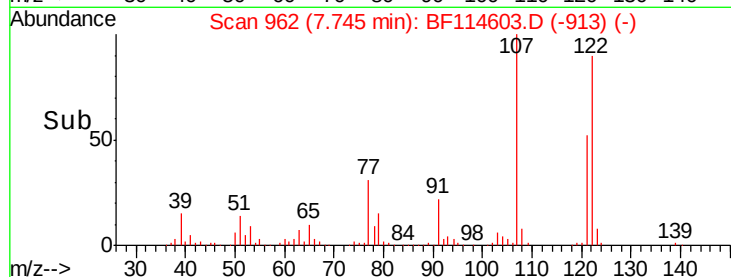
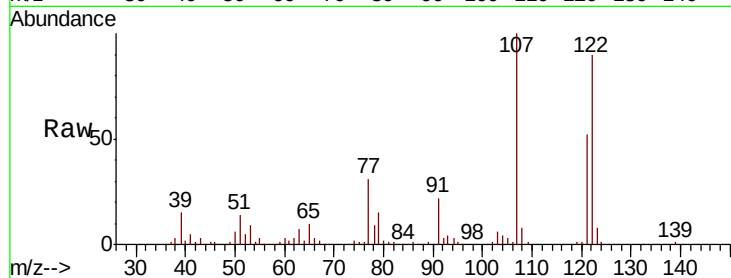




#27
 2,4-Dimethylphenol
 Concen: 47.963 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

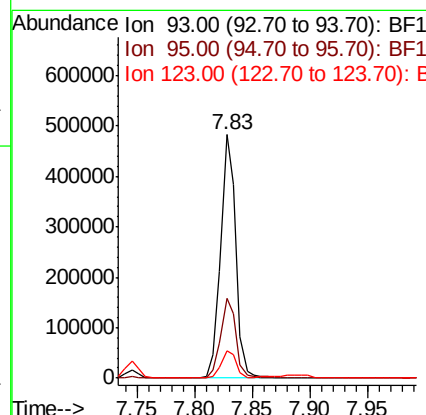
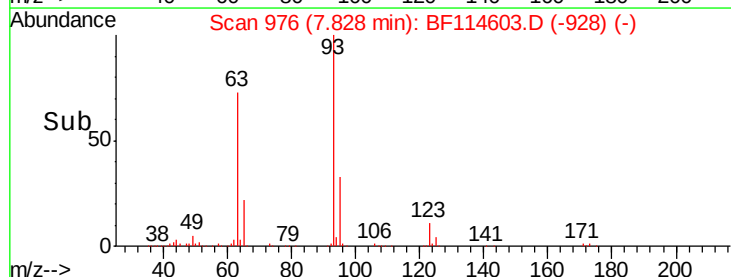
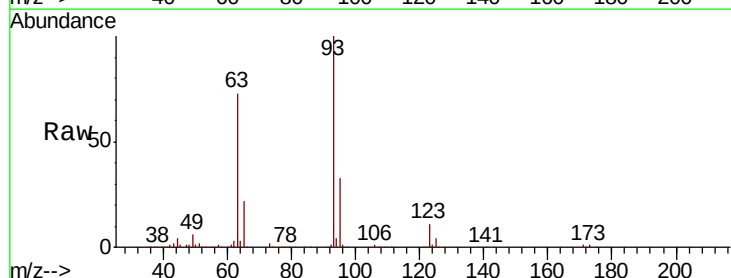
Instrument :
 BNA_F
 ClientSampled :

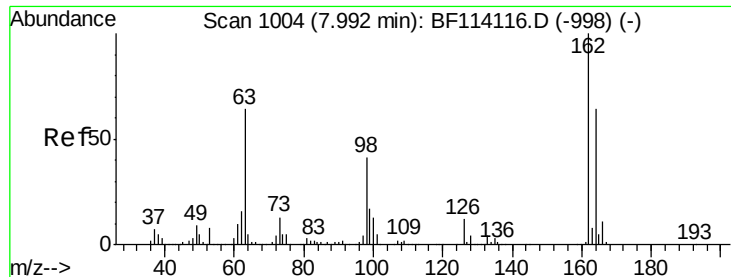
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.2	88.4	132.6
121	57.6	45.9	68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.603 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.8	40.2
123	11.0	9.5	14.3

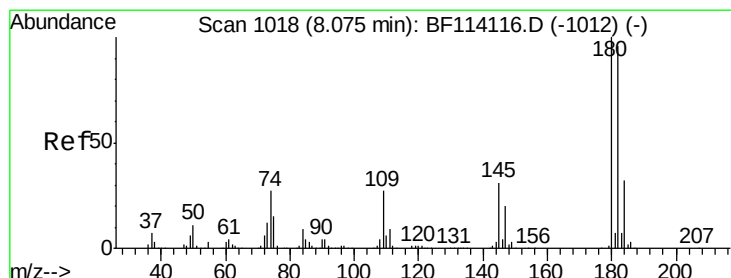
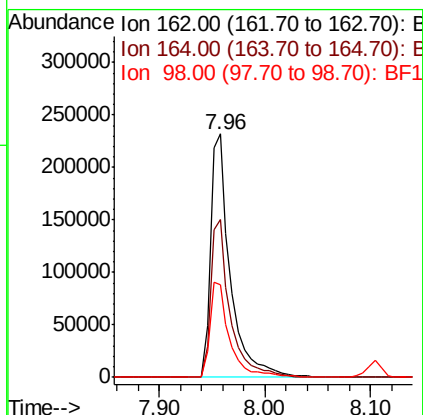
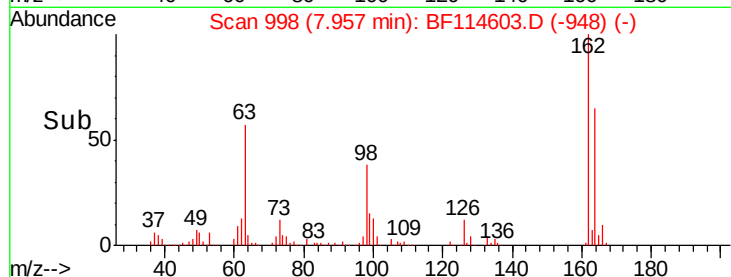
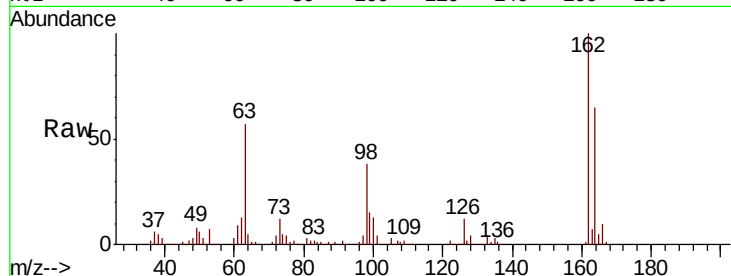




#29
2,4-Dichlorophenol
Concen: 45.327 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

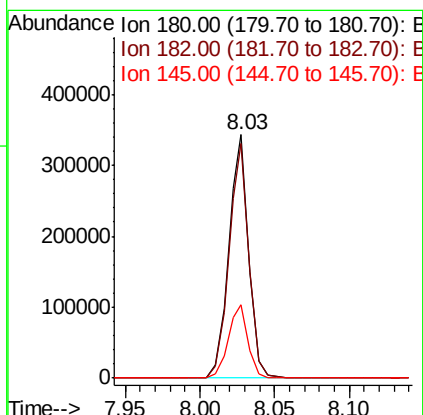
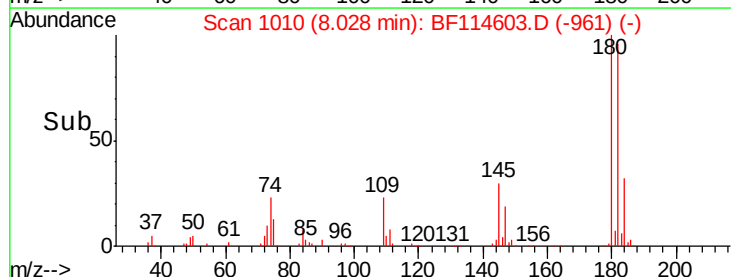
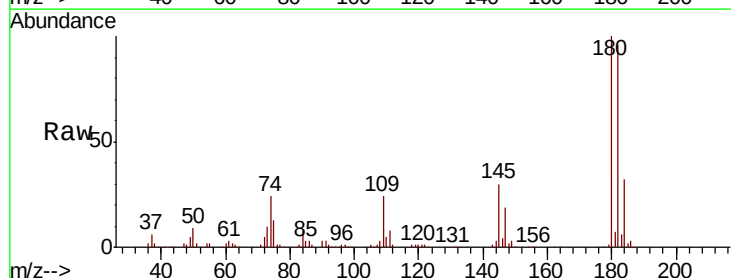
Instrument :
BNA_F
ClientSampled :

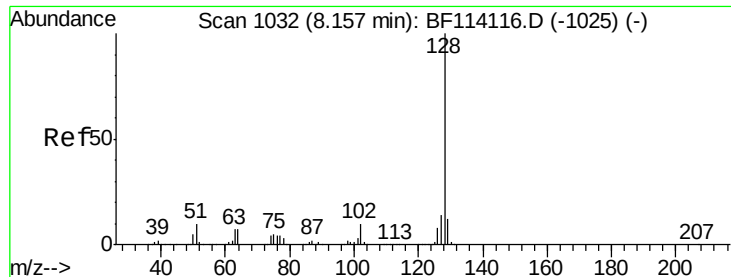
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.6	83.6
98	37.9	20.6	60.6



#30
1,2,4-Trichlorobenzene
Concen: 42.441 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.6	114.8
145	30.1	25.1	37.7

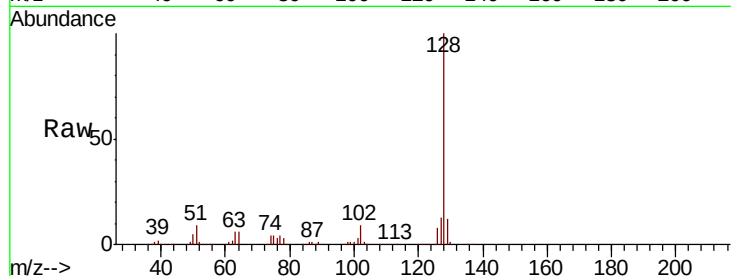




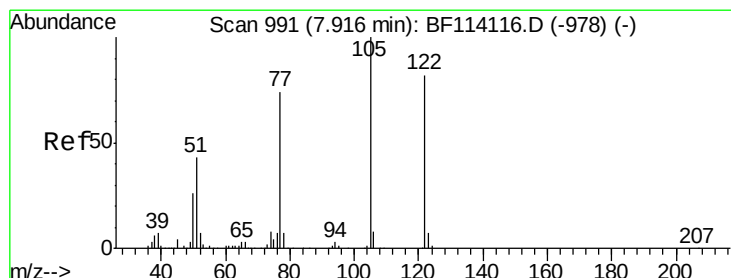
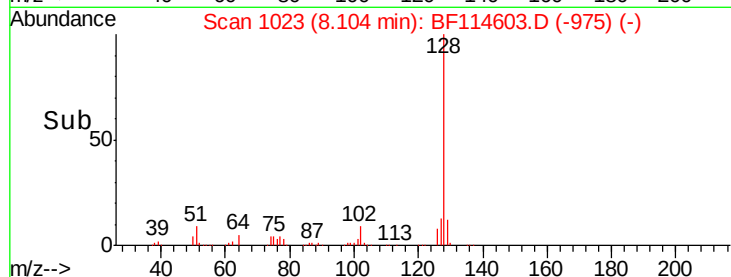
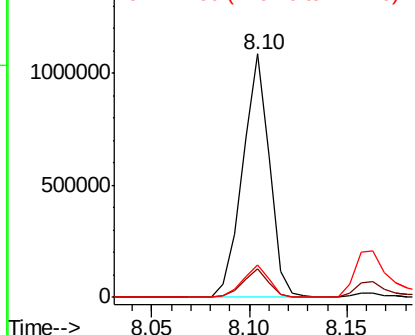
#31
Naphthalene
Concen: 45.902 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1036811
Ion Ratio Lower Upper
128 100
129 11.7 9.6 14.4
127 13.4 11.3 16.9

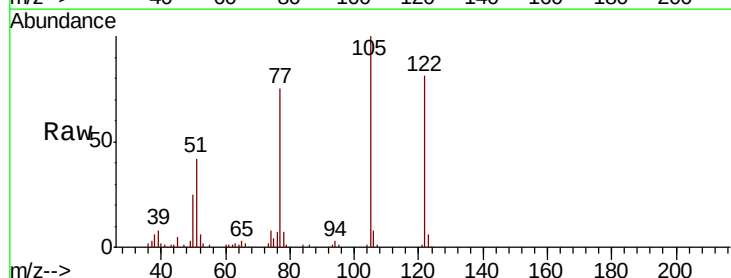


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

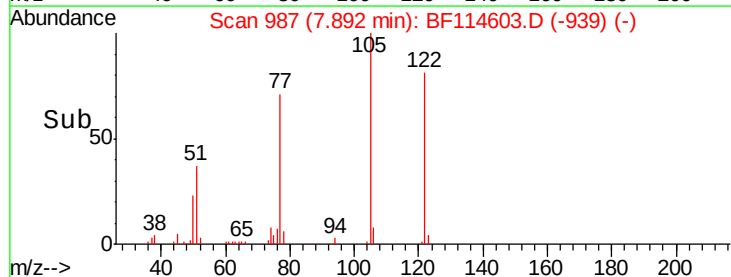
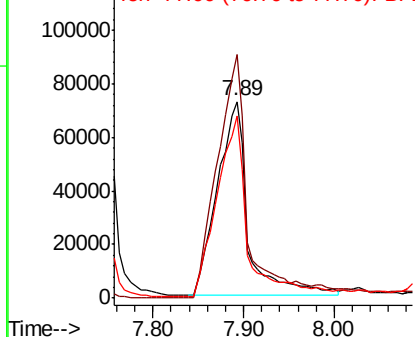


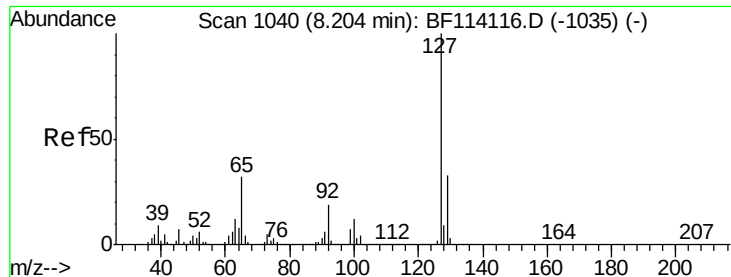
#32
Benzoic acid
Concen: 37.672 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion:122 Resp: 171185
Ion Ratio Lower Upper
122 100
105 123.8 99.9 139.9
77 92.5 69.4 109.4



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

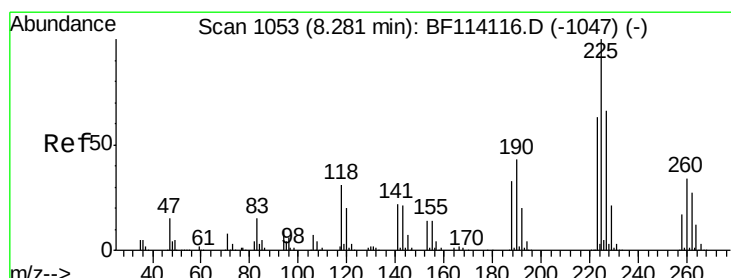
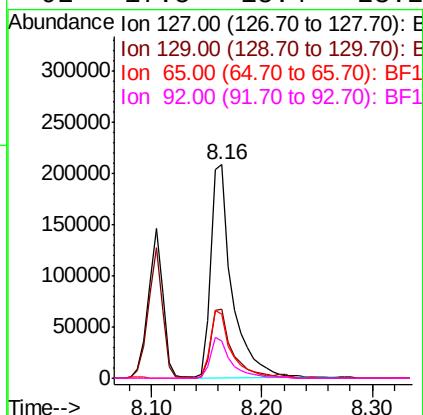
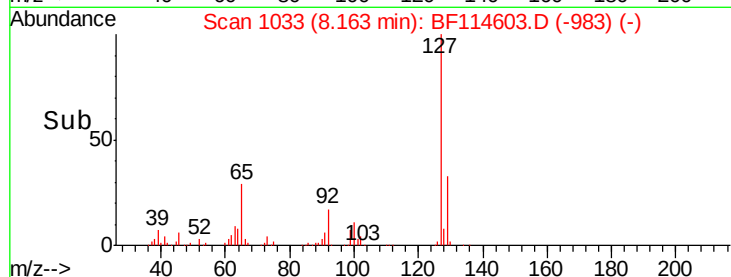
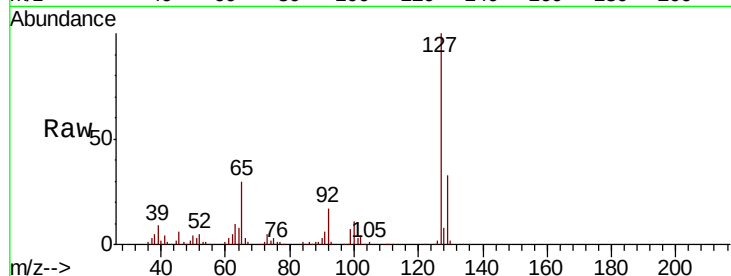




#33
4-Chloroaniline
Concen: 26.681 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

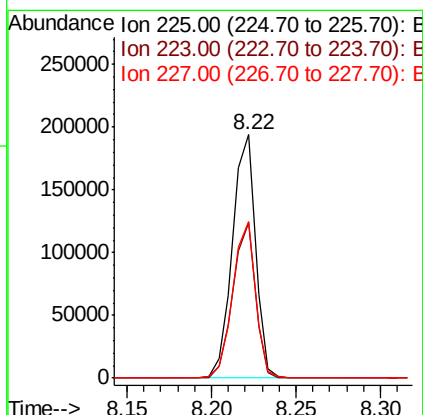
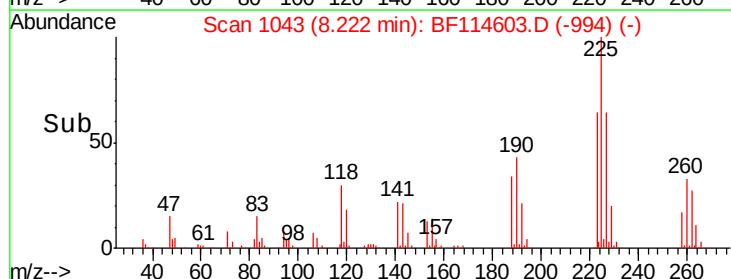
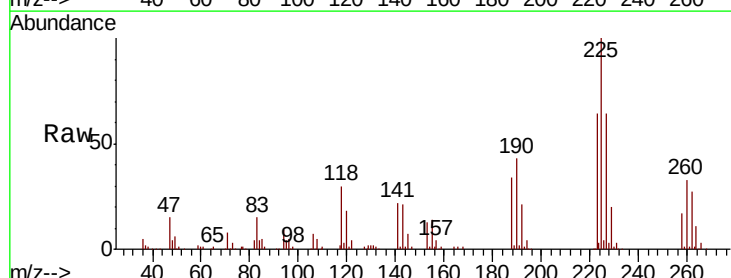
Instrument :
BNA_F
ClientSampleId :

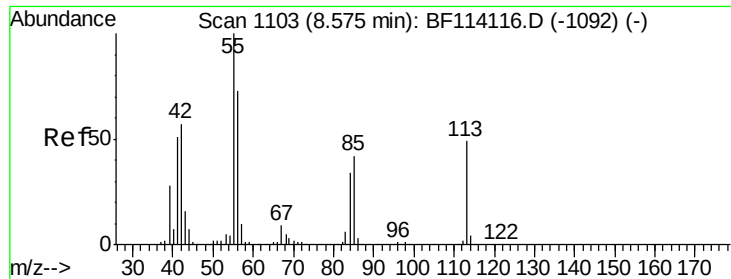
Tot Ion:	127	Resp:	274619
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.7	40.1
65	29.7	25.4	38.0
92	17.5	15.4	23.2



#34
Hexachlorobutadiene
Concen: 42.640 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion:	225	Resp:	183703
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.2	75.2
227	64.5	52.6	79.0

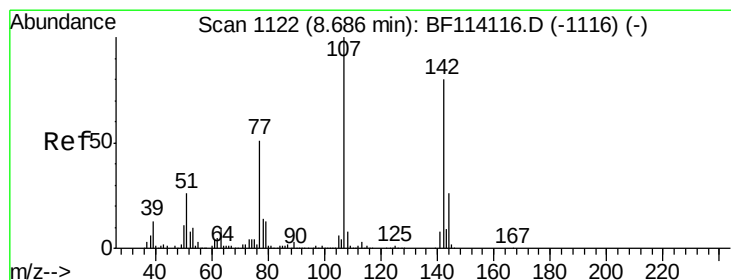
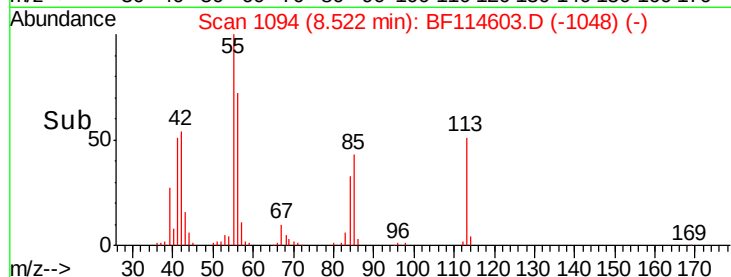
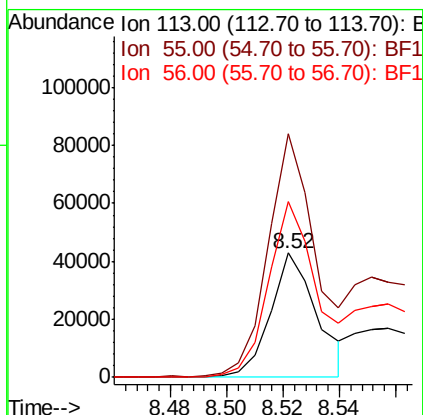
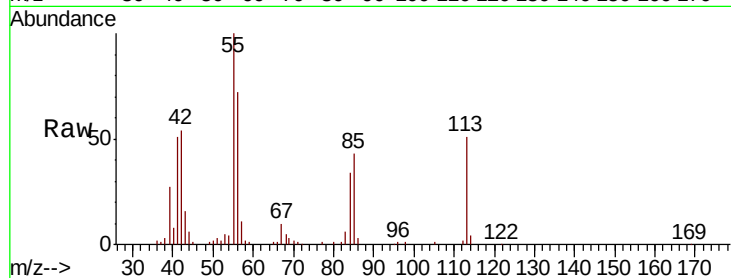




#35
 Caprolactam
 Concen: 22.486 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.03 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

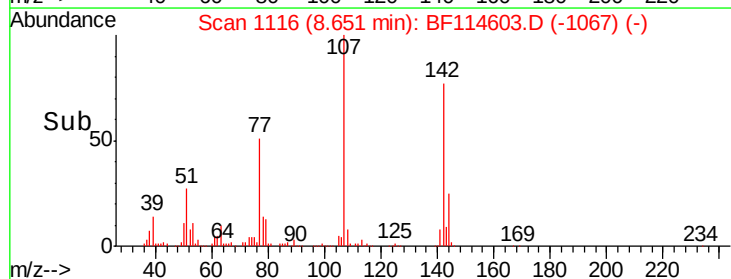
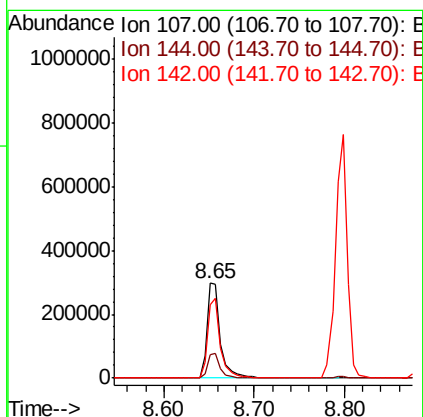
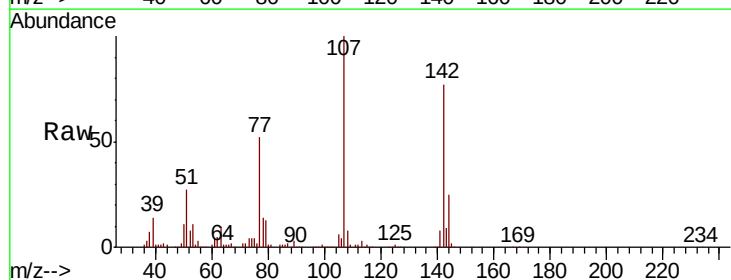
Instrument :
 BNA_F
 ClientSampleId :

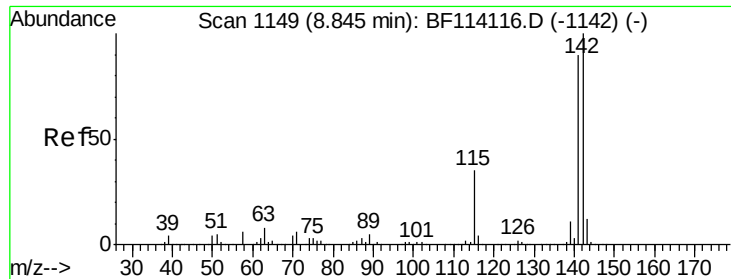
Tot Ion:113 Resp: 48822
 Ion Ratio Lower Upper
 113 100
 55 196.2 183.5 223.5
 56 141.4 128.8 168.8



#36
 4-Chloro-3-methylphenol
 Concen: 46.888 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Tgt Ion:107 Resp: 314268
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.4 30.6
 142 77.4 64.2 96.4

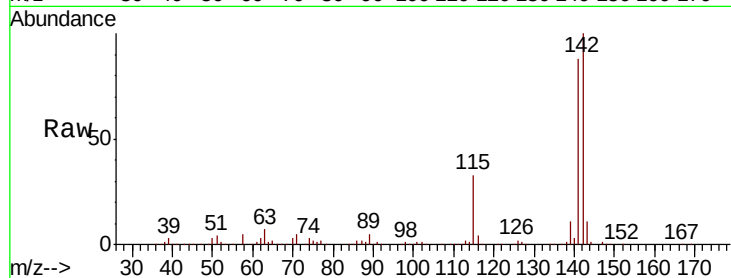




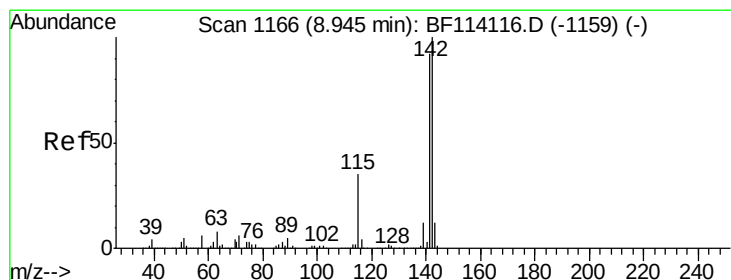
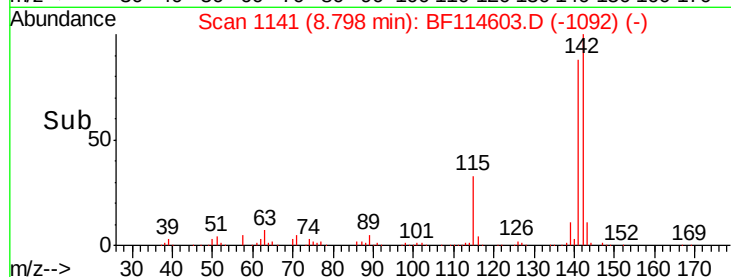
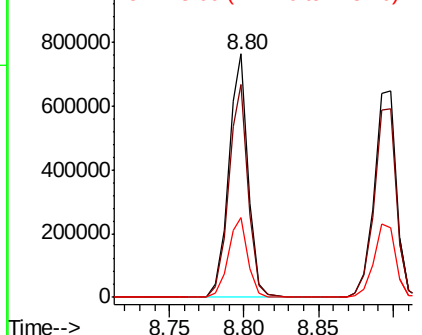
#37
2-Methylnaphthalene
Concen: 48.134 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 701467
Ion Ratio Lower Upper
142 100
141 87.6 72.1 108.1
115 32.8 28.0 42.0

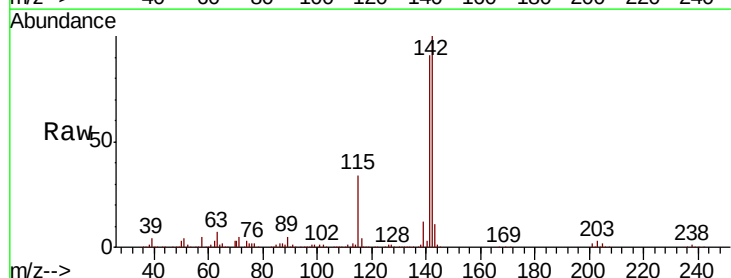


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

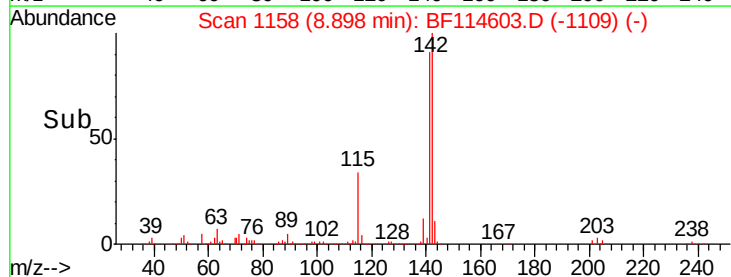
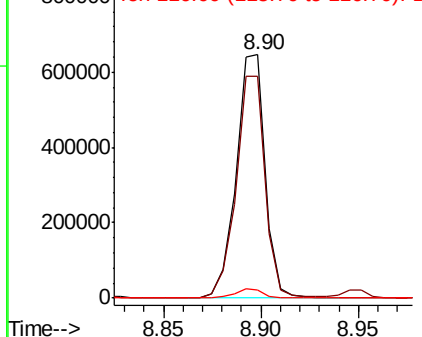


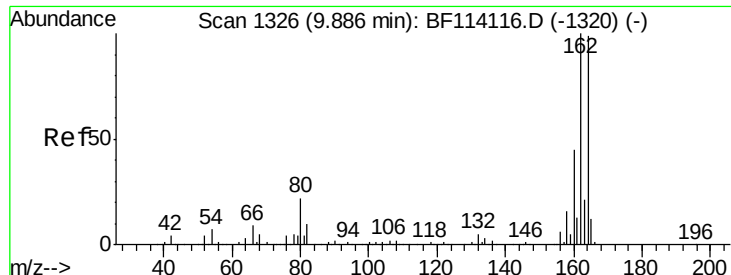
#38
1-Methylnaphthalene
Concen: 47.894 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion:142 Resp: 657293
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.0
116 3.5 3.1 4.7



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

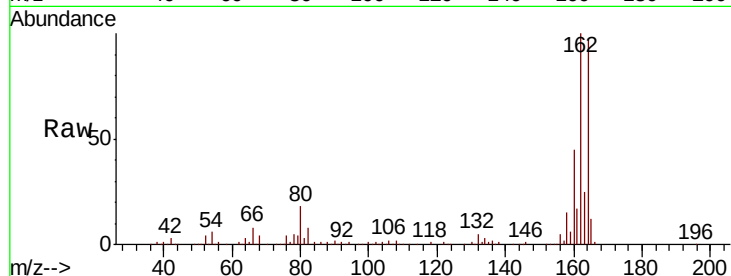




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.6	120.8
160	46.2	36.5	54.7

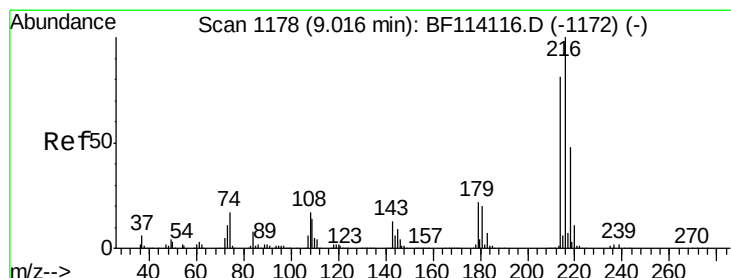
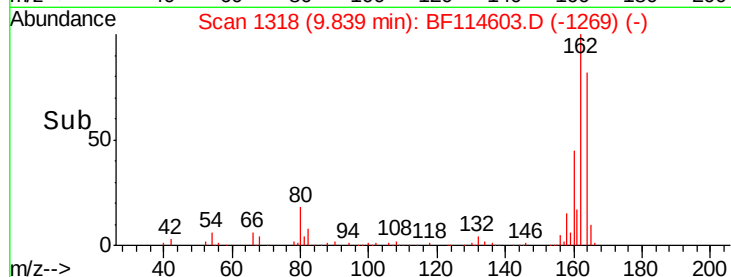
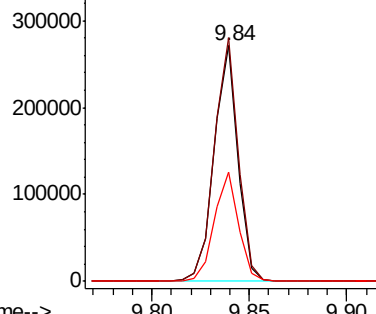


Abundance

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: 45.923 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.8	63.9	95.9
179	21.6	17.0	25.6
108	18.8	14.8	22.2

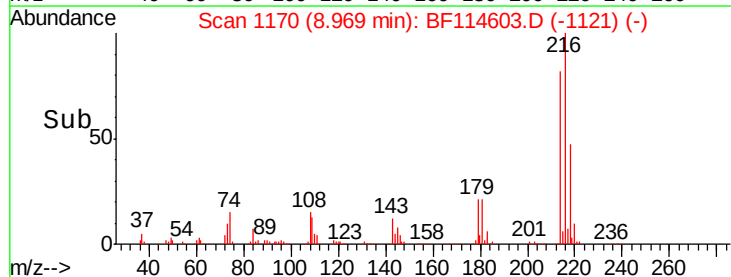
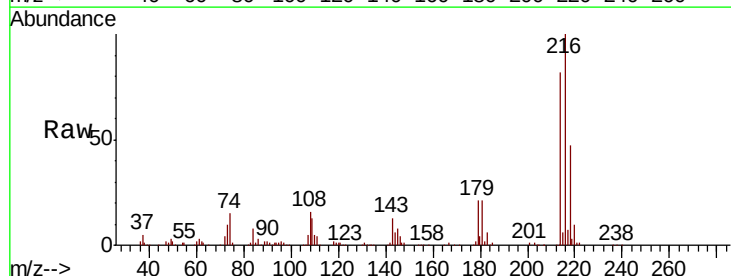
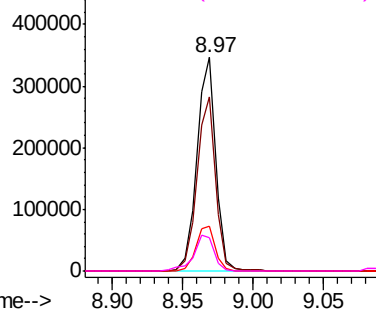
Abundance

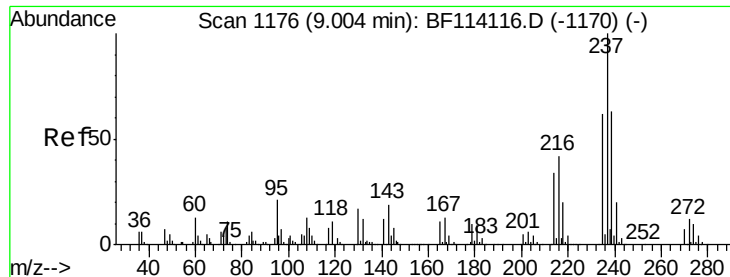
Ion 216.00 (215.70 to 216.70): E

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: 44.700 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampled :

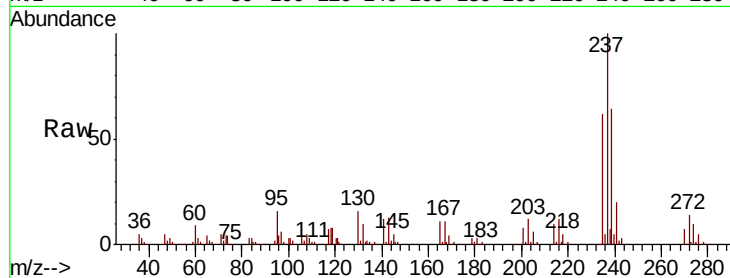
Tot Ion:237 Resp: 138294

Ion Ratio Lower Upper

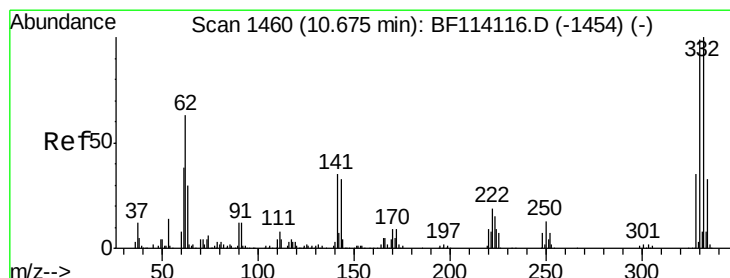
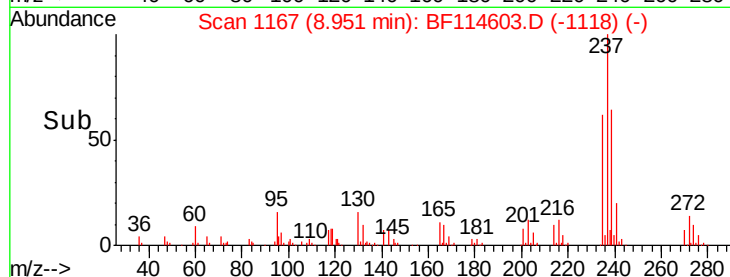
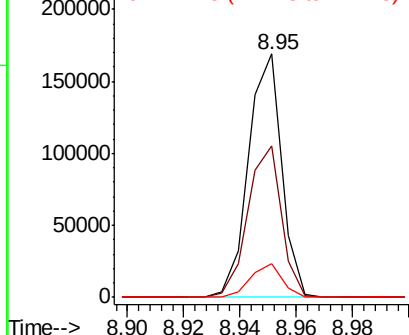
237 100

235 62.1 42.0 82.0

272 13.8 0.0 32.4



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: 131.248 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

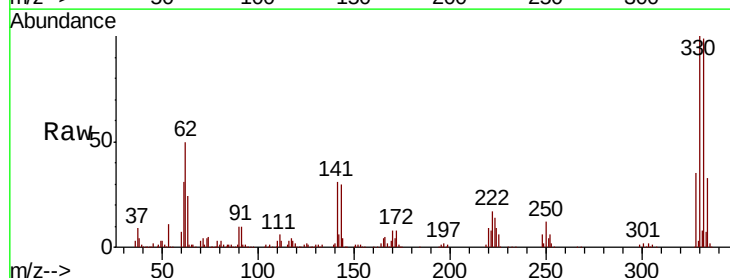
Tgt Ion:330 Resp: 311520

Ion Ratio Lower Upper

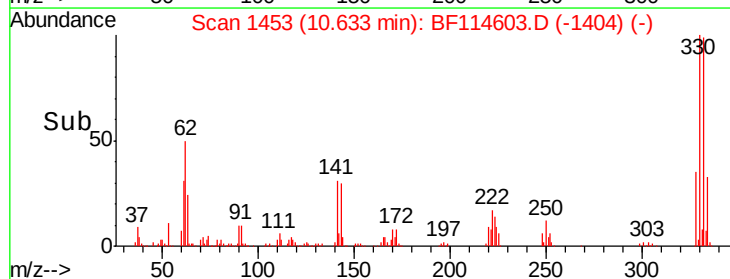
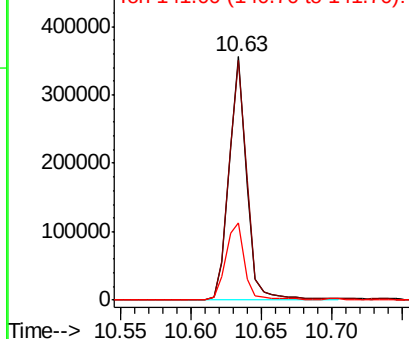
330 100

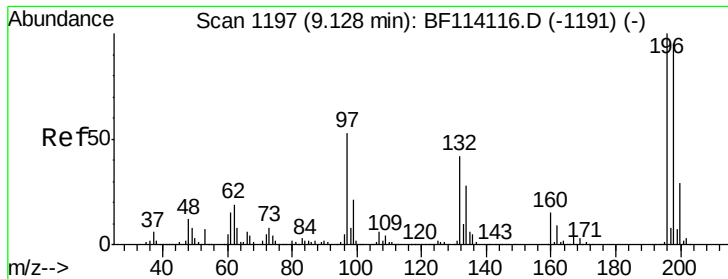
332 101.5 81.4 122.2

141 34.1 26.6 40.0



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

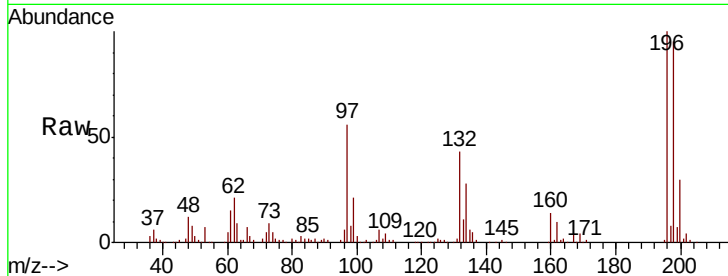




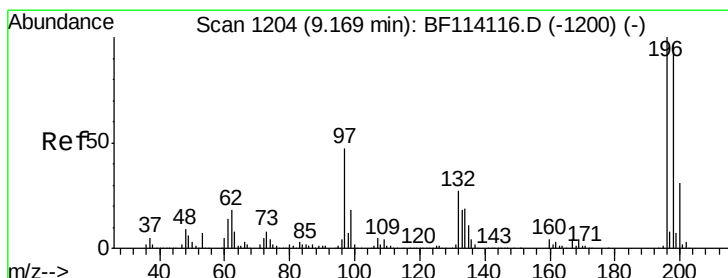
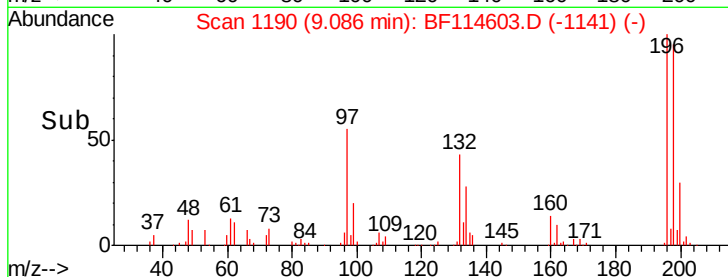
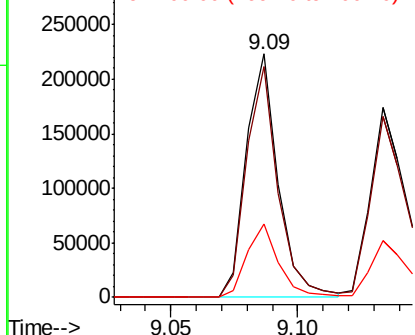
#43
 2,4,6-Trichlorophenol
 Concen: 40.984 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 196050
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.9 113.9
 200 30.4 23.5 35.3



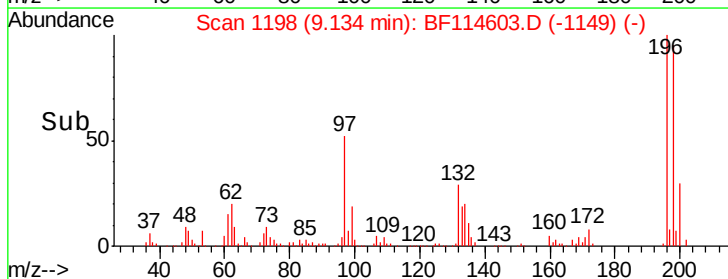
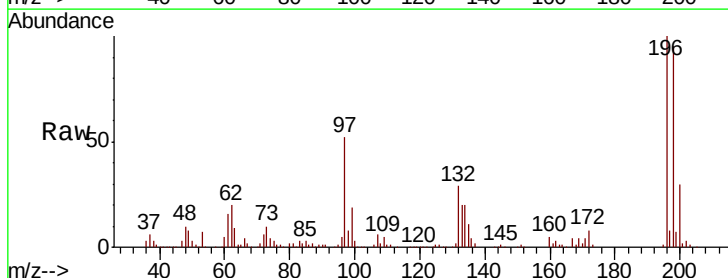
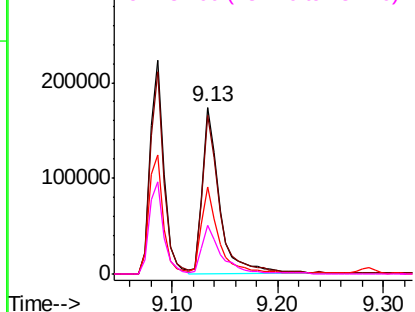
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

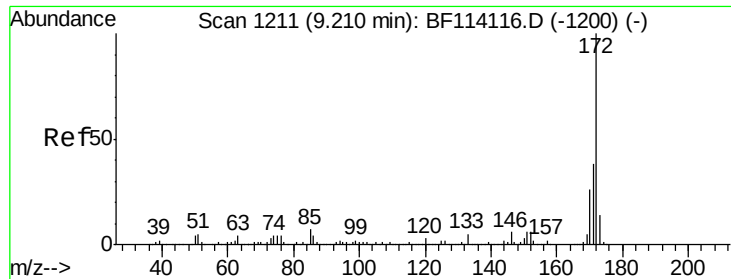


#44
 2,4,5-Trichlorophenol
 Concen: 40.226 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Tgt Ion:196 Resp: 197339
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.7 116.5
 97 52.4 38.2 57.2
 132 28.9 21.4 32.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

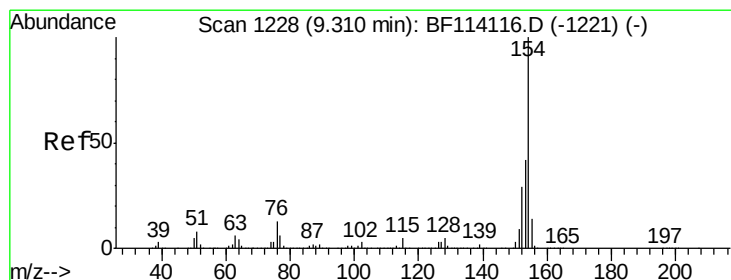
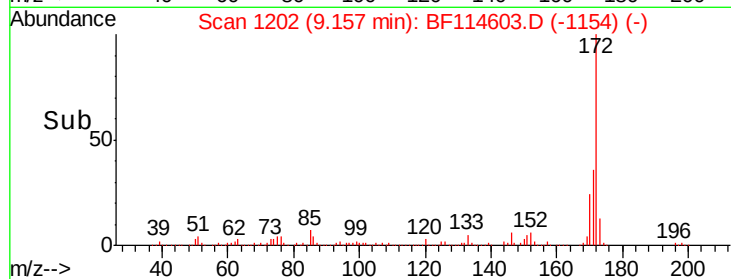
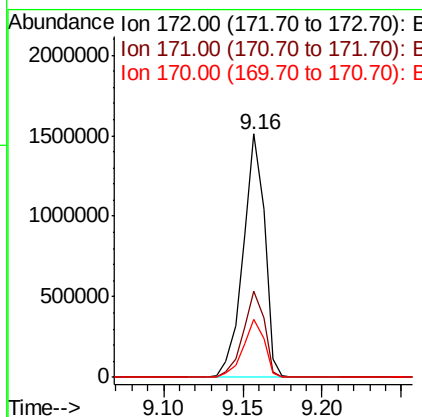
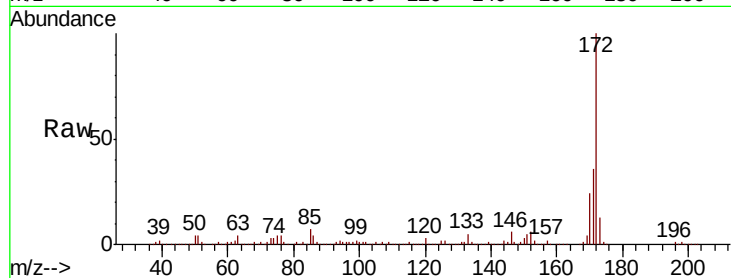




#45
2-Fluorobiphenyl
Concen: 93.081 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

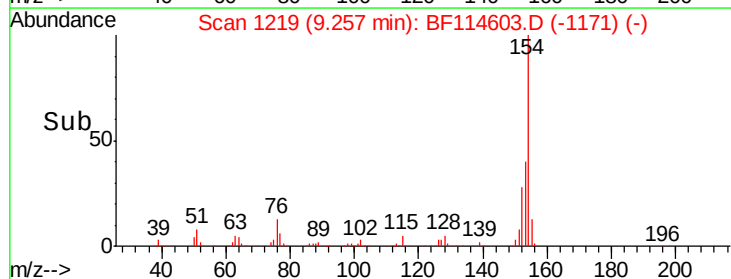
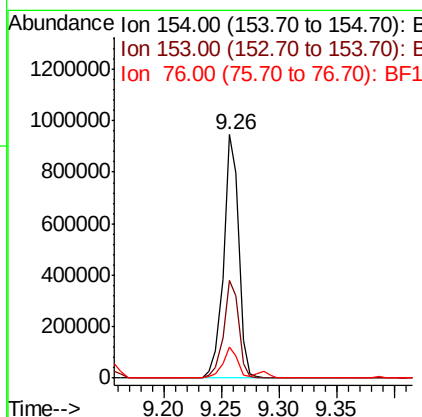
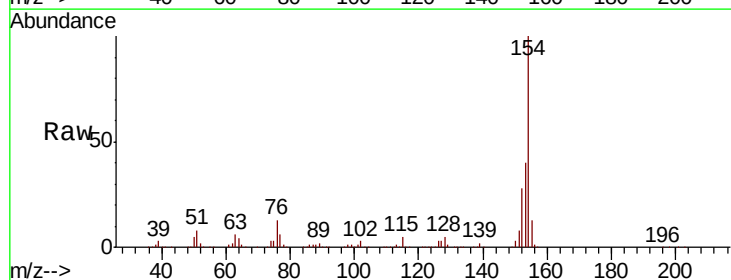
Instrument :
BNA_F
ClientSampleId :

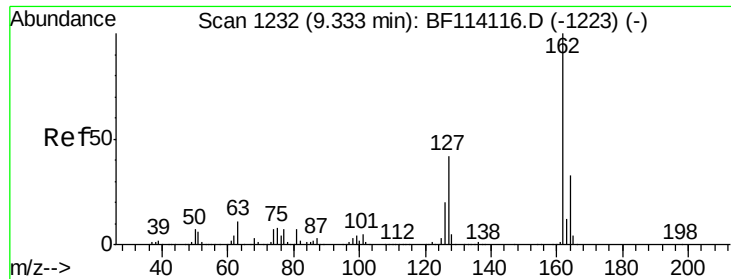
Tot Ion:172 Resp: 1412744
Ion Ratio Lower Upper
172 100
171 35.5 30.7 46.1
170 23.6 20.5 30.7



#46
1,1'-Biphenyl
Concen: 46.428 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion:154 Resp: 861109
Ion Ratio Lower Upper
154 100
153 40.4 21.9 61.9
76 12.8 0.0 32.8

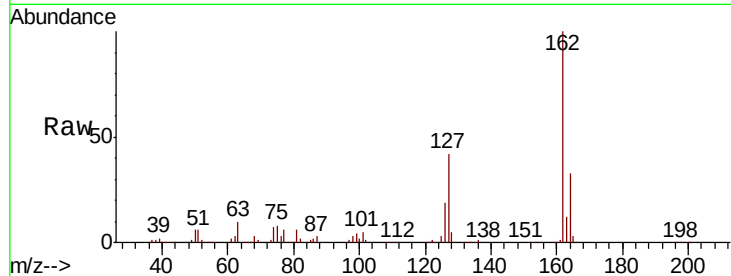




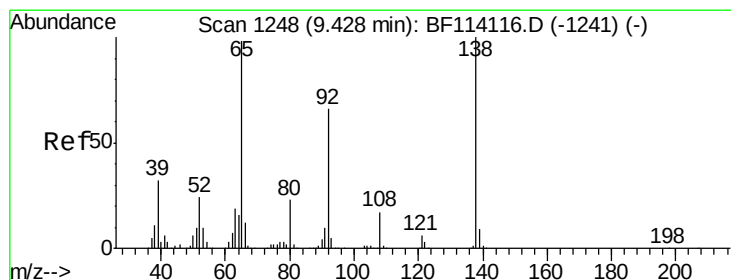
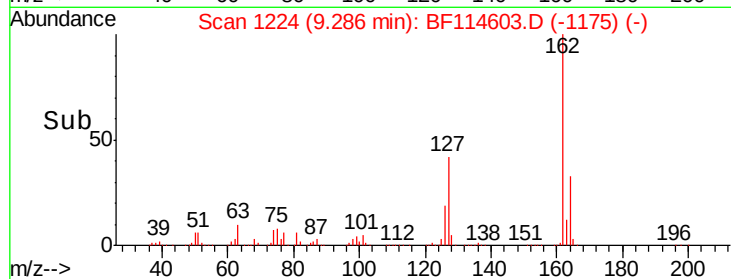
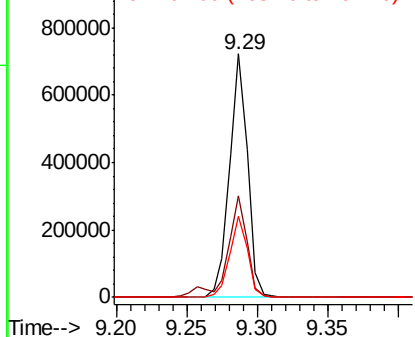
#47
 2-Chloronaphthalene
 Concen: 43.075 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	162	Resp:	642974
Ion	Ratio	Lower	Upper
162	100		
127	41.6	34.0	51.0
164	33.1	26.7	40.1

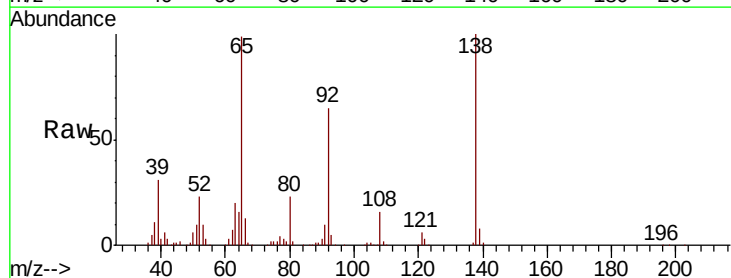


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

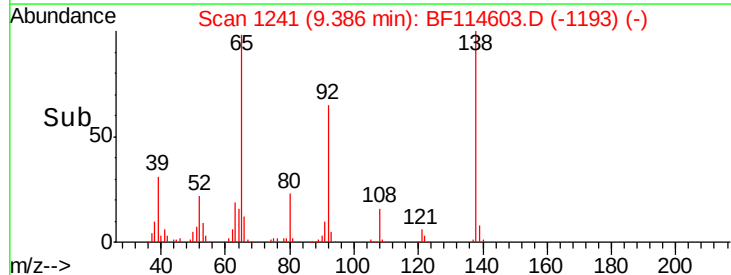
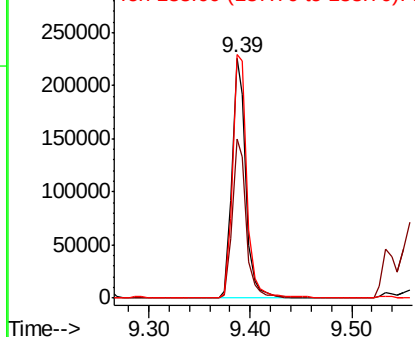


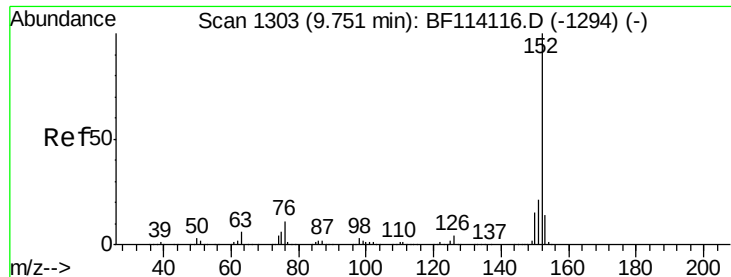
#48
 2-Nitroaniline
 Concen: 40.563 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Tgt Ion:	65	Resp:	214730
Ion	Ratio	Lower	Upper
65	100		
92	66.3	53.9	80.9
138	101.3	81.4	122.0



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: 45.379 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampleId :

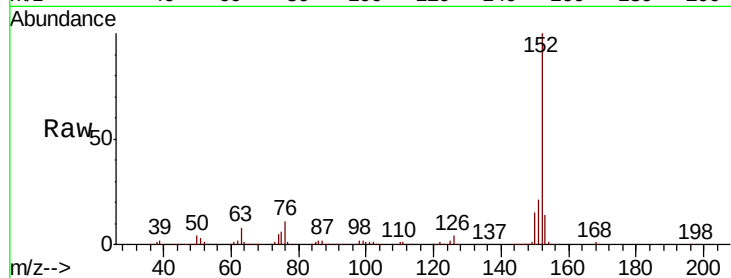
Tot Ion:152 Resp: 1030221

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

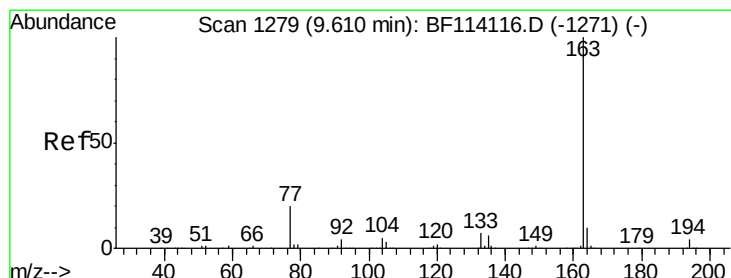
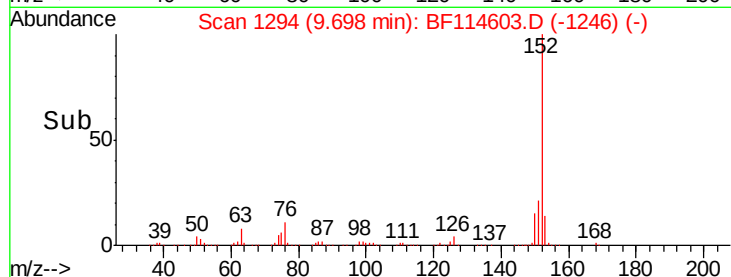
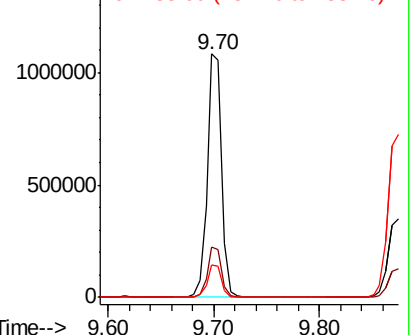
153 13.6 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.686 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

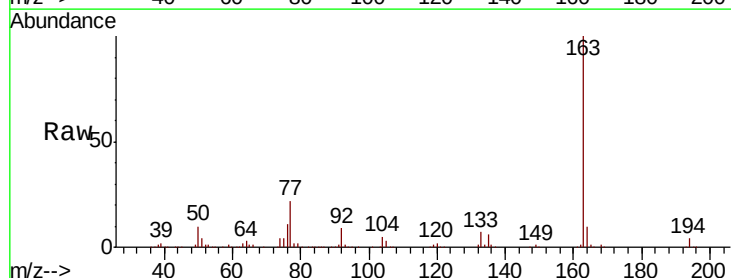
Tgt Ion:163 Resp: 736272

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

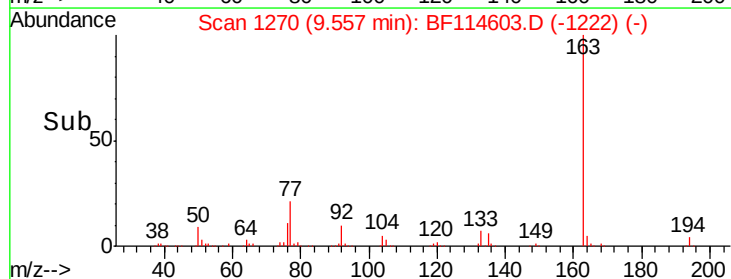
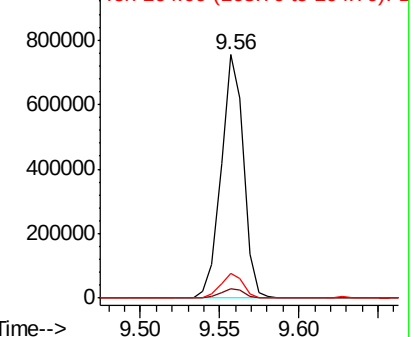
164 10.3 8.2 12.2

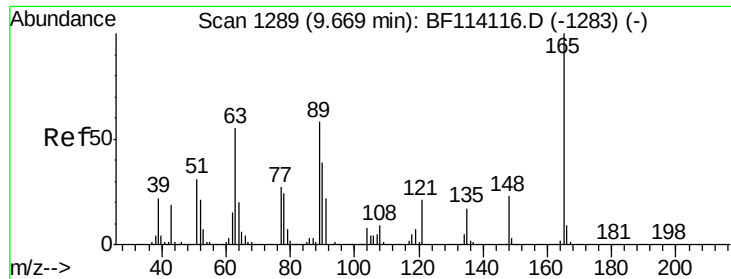


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.171 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampled :

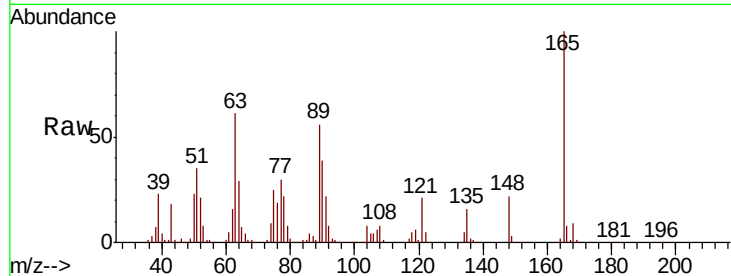
Tot Ion:165 Resp: 165117

Ion Ratio Lower Upper

165 100

63 61.2 50.2 75.4

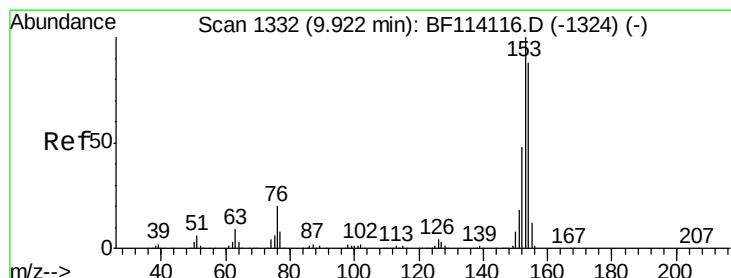
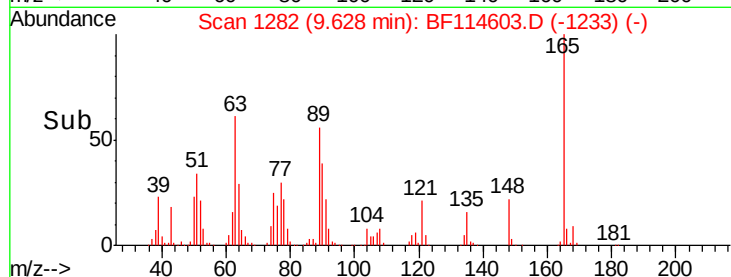
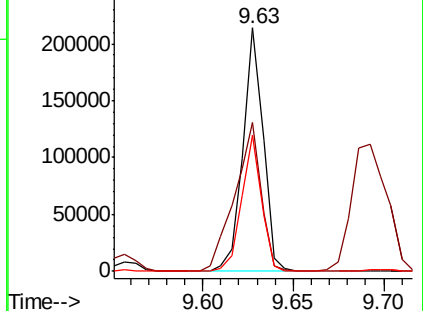
89 56.1 46.6 69.8



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: 43.336 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

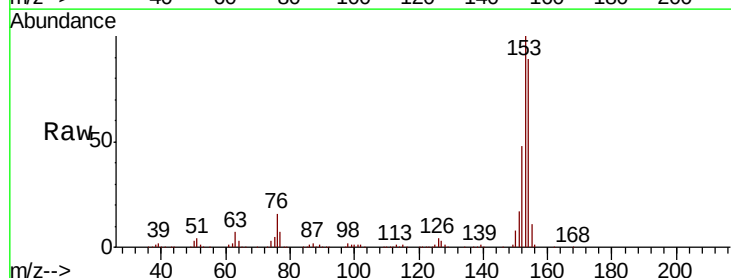
Tgt Ion:154 Resp: 603729

Ion Ratio Lower Upper

154 100

153 112.6 90.5 135.7

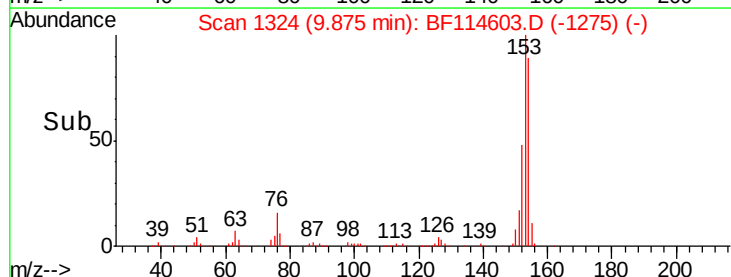
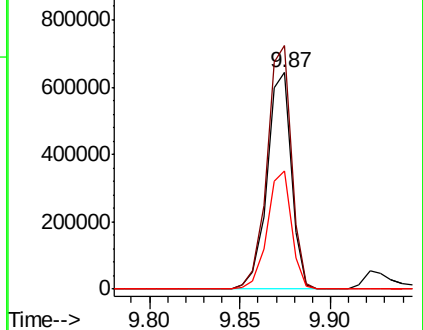
152 54.5 43.4 65.2

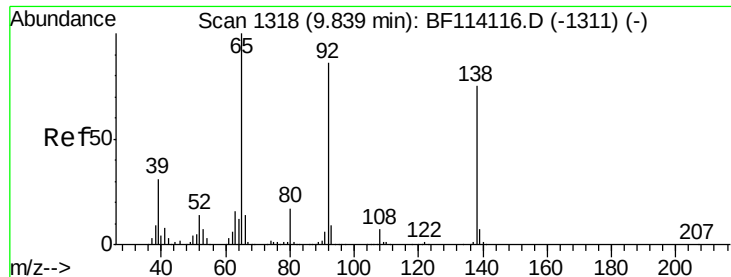


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

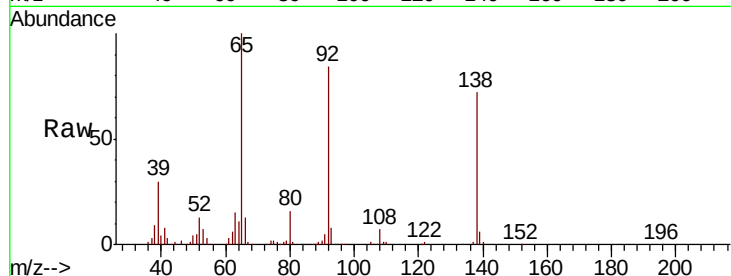




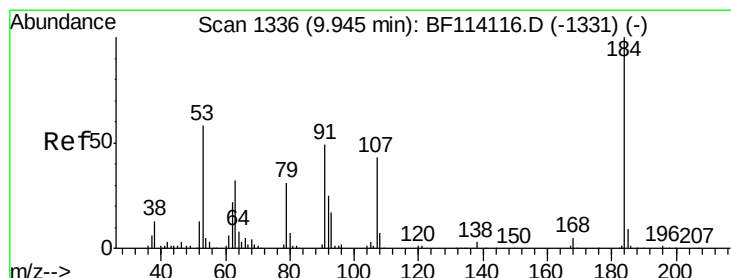
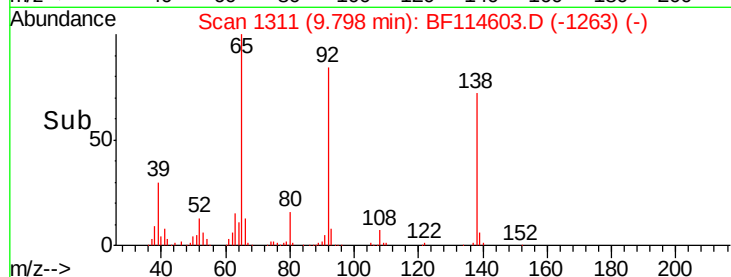
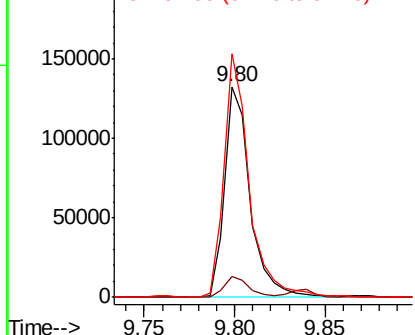
#53
 3-Nitroaniline
 Concen: 28.180 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 130763
 Ion Ratio Lower Upper
 138 100
 108 10.0 7.8 11.6
 92 115.7 91.2 136.8

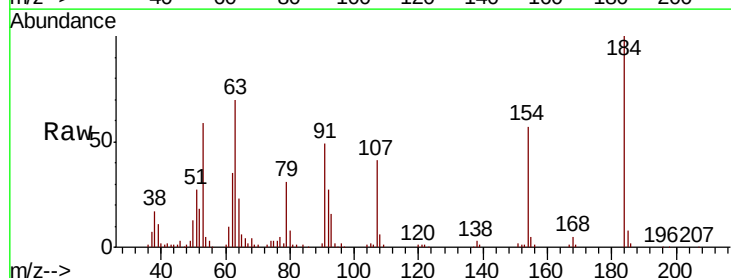


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

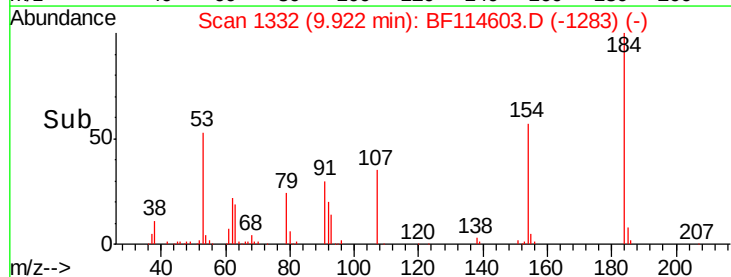
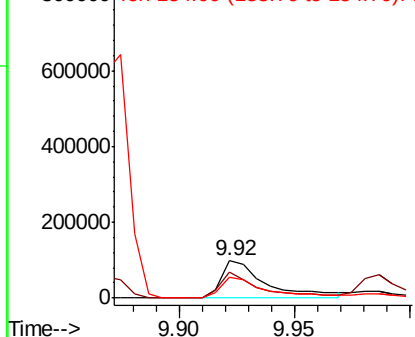


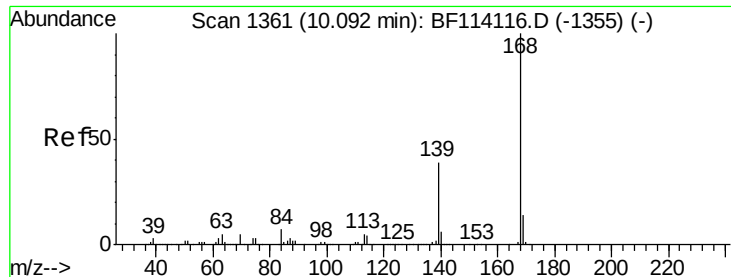
#54
 2,4-Dinitrophenol
 Concen: 71.438 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Tgt Ion:184 Resp: 132797
 Ion Ratio Lower Upper
 184 100
 63 69.7 55.6 83.4
 154 56.5 46.0 69.0



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

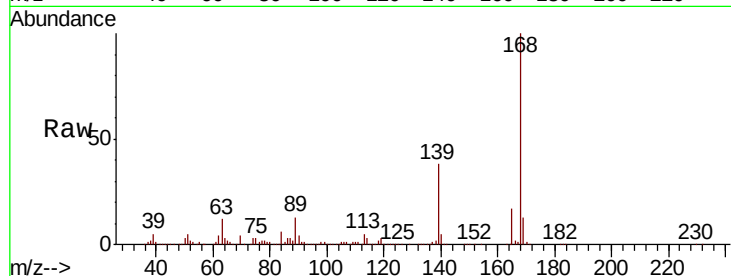




#55
Dibenzenofuran
Concen: 43.334 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.1	46.7
169	13.2	11.4	17.0

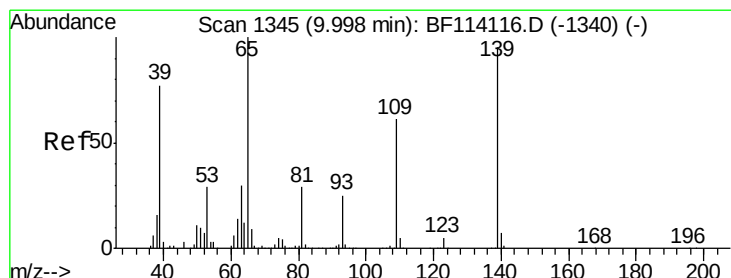
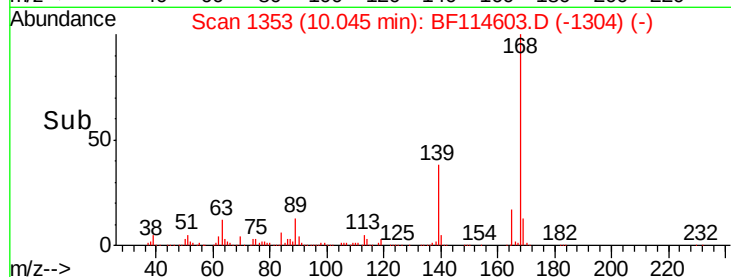
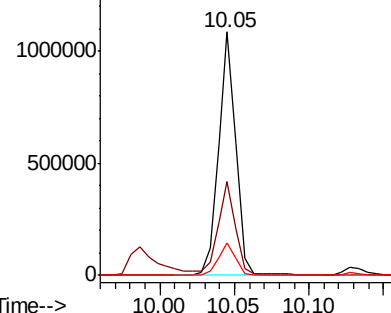


Abundance

Ion 168.00 (167.70 to 168.70): E

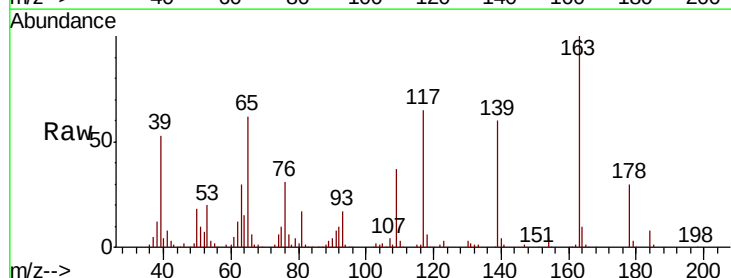
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 50.767 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.9	43.9	83.9
65	104.3	85.7	125.7

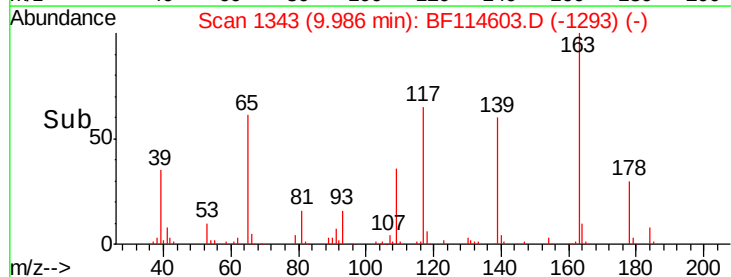
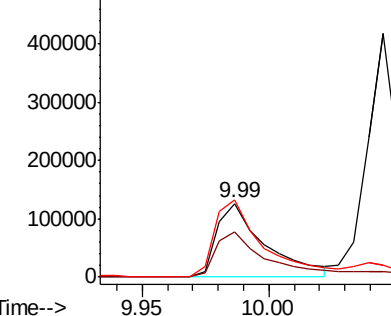


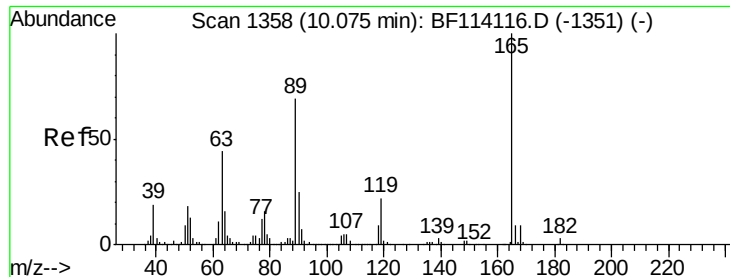
Abundance

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: 40.734 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF114603.D

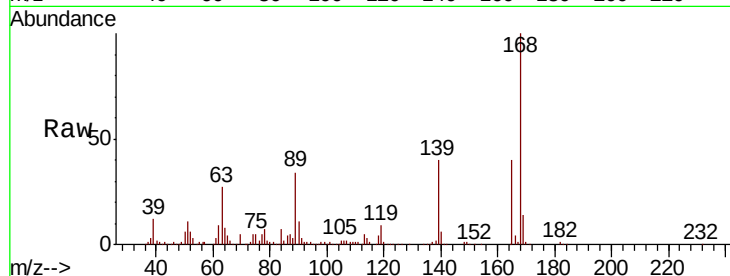
Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	165	Resp:	206672
Ion	Ratio	Lower	Upper
165	100		
63	67.5	35.5	53.3#
89	83.5	55.2	82.8#
182	2.5	2.2	3.2

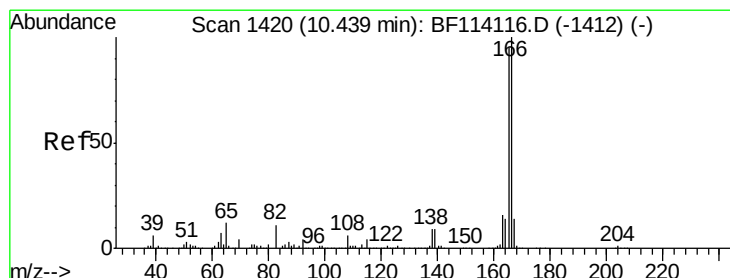
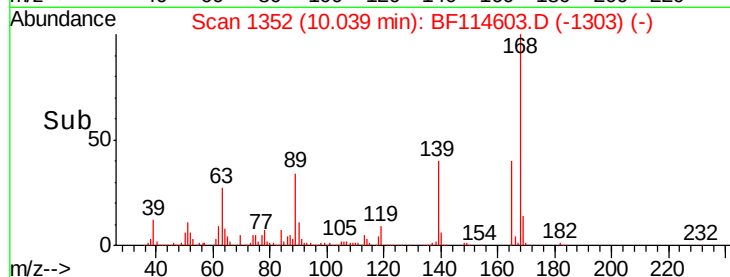
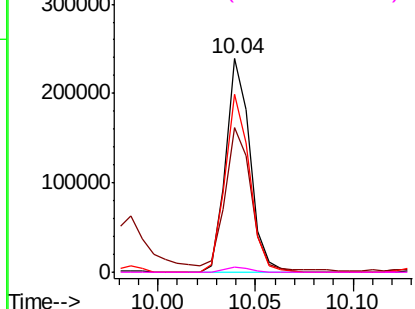


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 46.185 ng

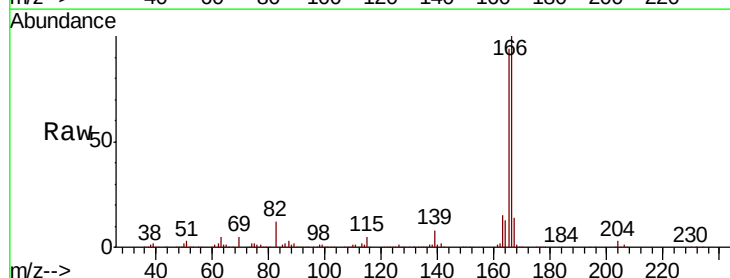
RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

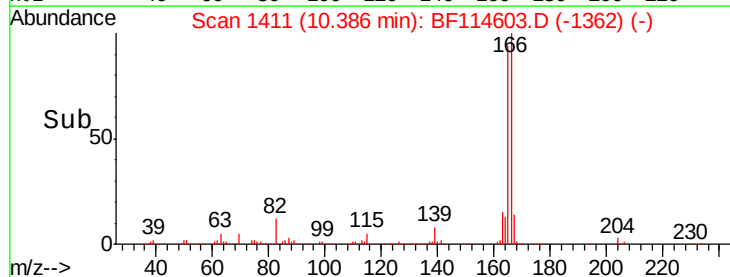
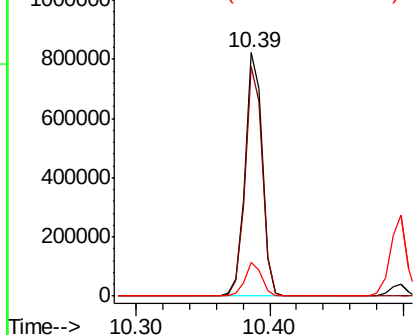
Tgt Ion:	166	Resp:	728748
Ion	Ratio	Lower	Upper
166	100		
165	94.1	76.1	114.1
167	13.9	11.1	16.7

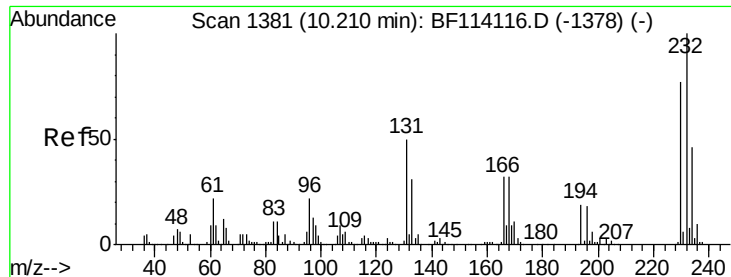


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

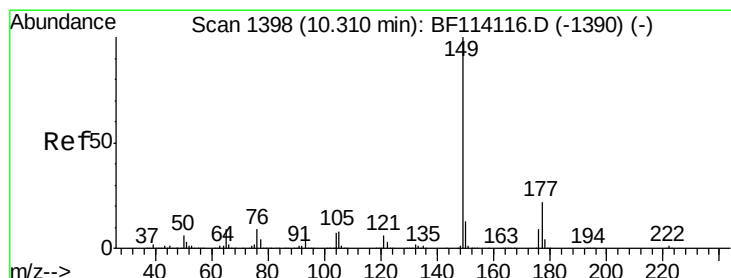
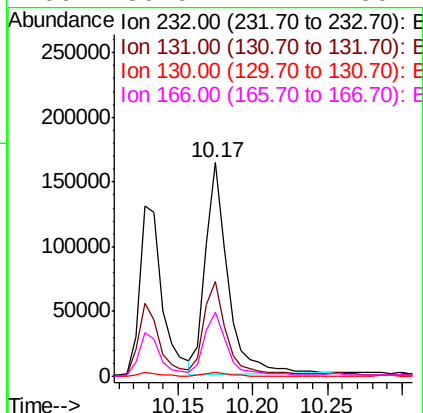
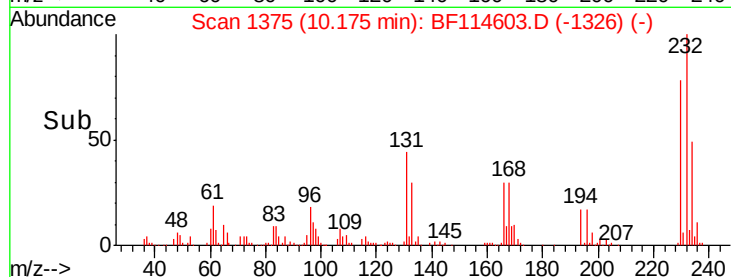
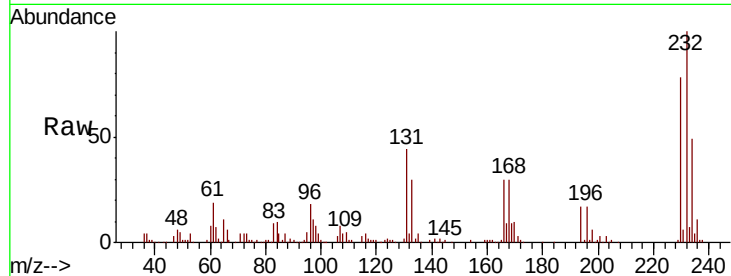




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.286 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

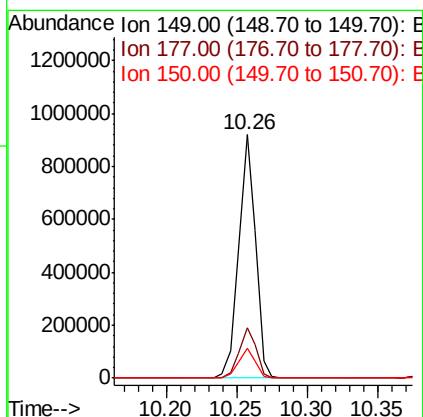
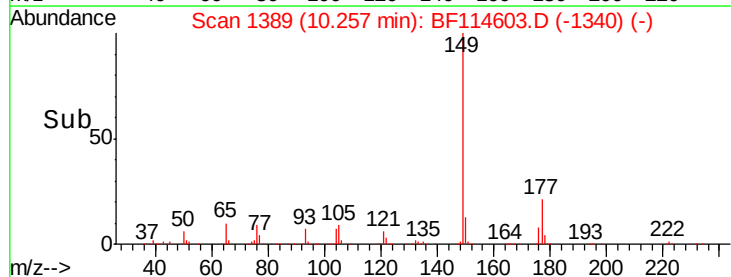
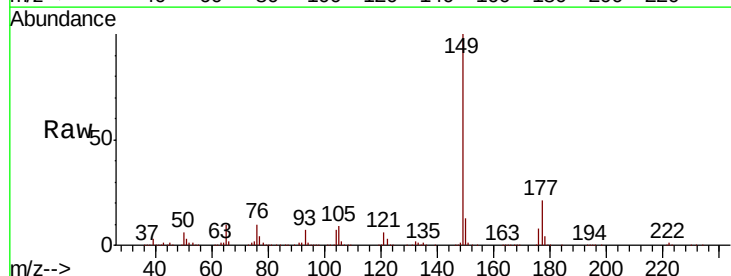
Instrument :
 BNA_F
 ClientSampled :

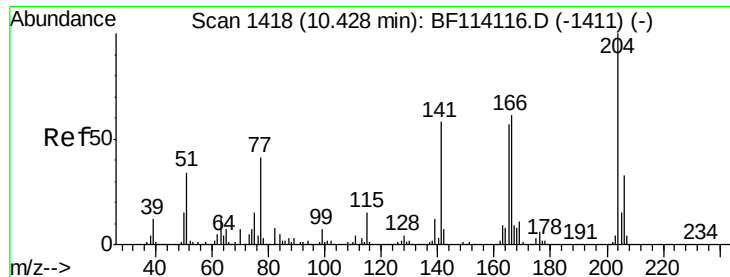
Tot Ion:	232	Resp:	170526
Ion	Ratio	Lower	Upper
232	100		
131	43.9	35.6	53.4
130	2.1	1.6	2.4
166	30.5	24.1	36.1



#60
 Diethylphthalate
 Concen: 44.442 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Tgt Ion:	149	Resp:	761039
Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.8	26.6
150	12.5	10.2	15.2

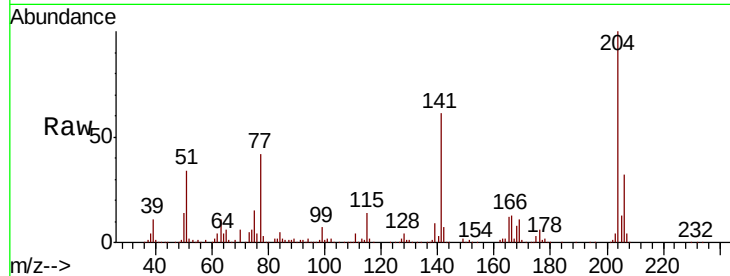




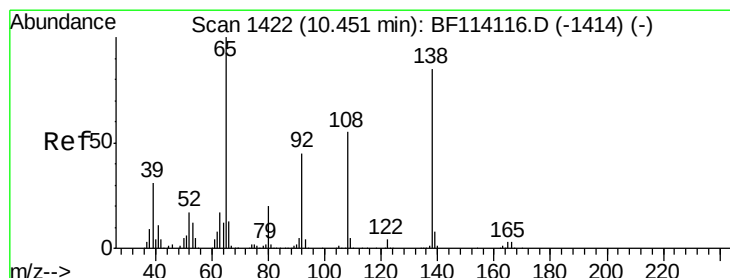
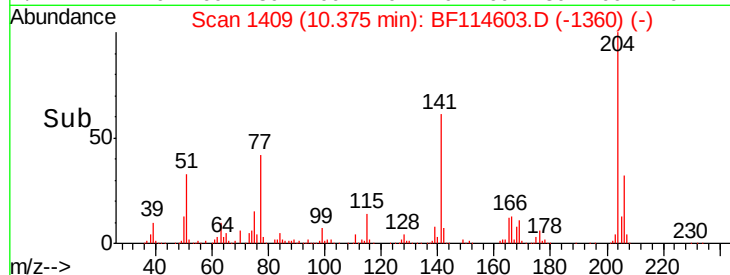
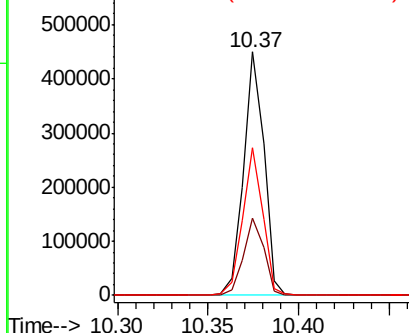
#61
4-Chlorophenyl-phenylether
Concen: 45.492 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 352560
Ion Ratio Lower Upper
204 100
206 31.7 26.6 39.8
141 60.8 46.4 69.6

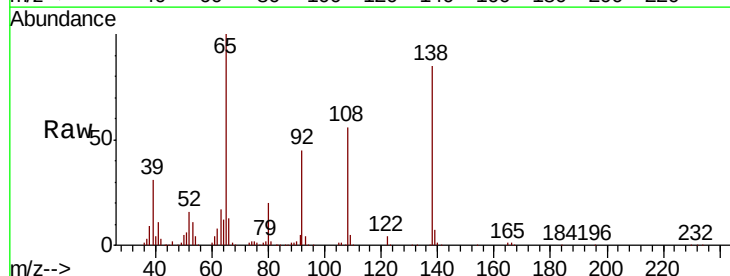


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

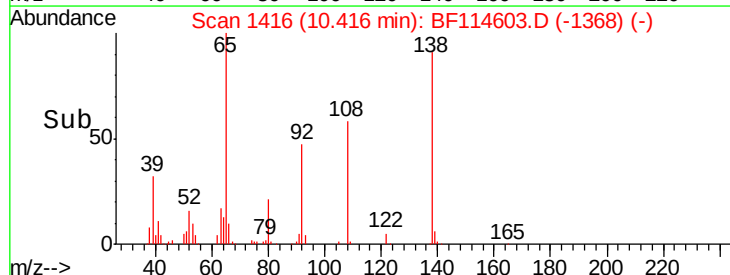
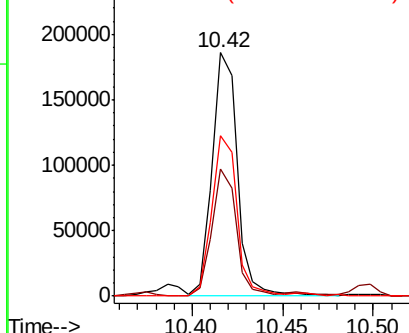


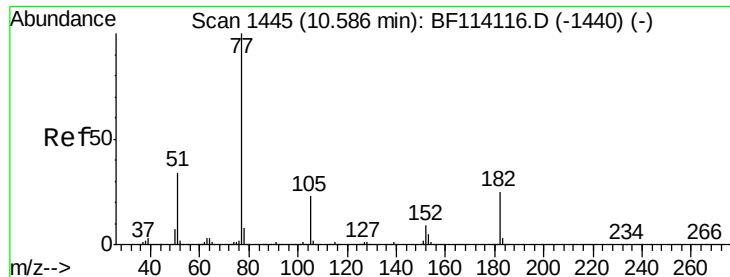
#62
4-Nitroaniline
Concen: 36.620 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion:138 Resp: 178563
Ion Ratio Lower Upper
138 100
92 52.5 33.0 73.0
108 65.9 44.9 84.9



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





#63

Azobenzene

Concen: 43.664 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 723762

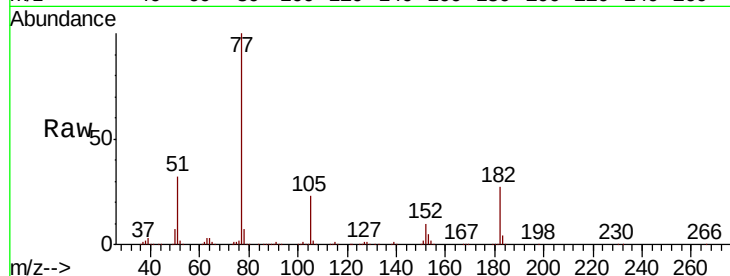
Ion Ratio Lower Upper

77 100

182 26.6 4.7 44.7

105 23.1 2.9 42.9

51 32.4 14.6 54.6

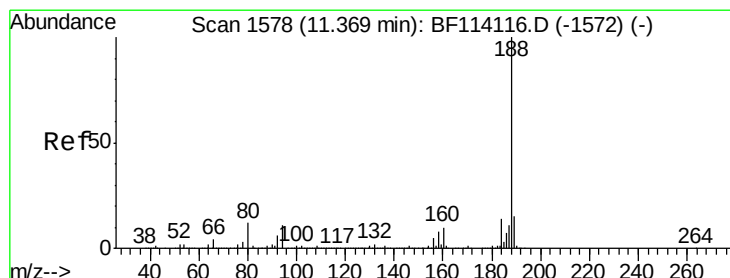
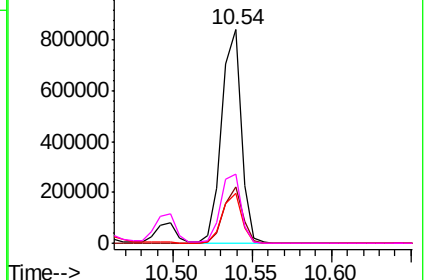
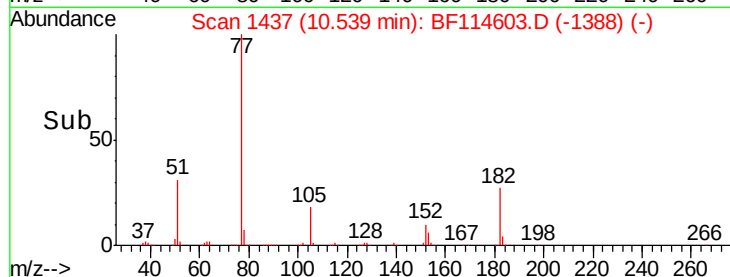


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

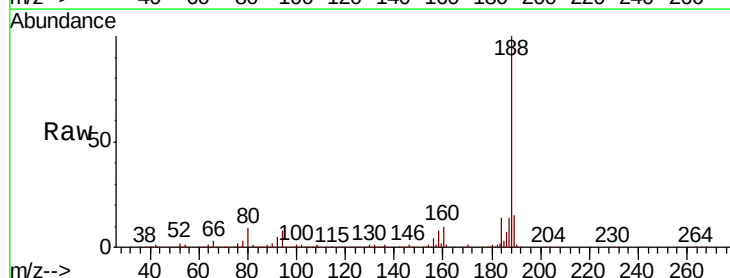
Tgt Ion: 188 Resp: 465134

Ion Ratio Lower Upper

188 100

94 8.3 8.4 12.6#

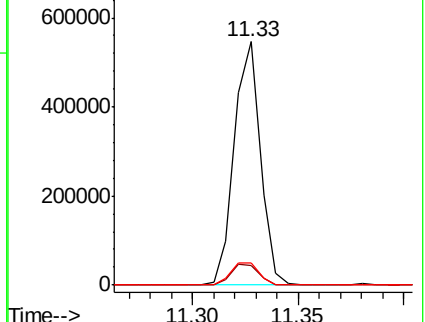
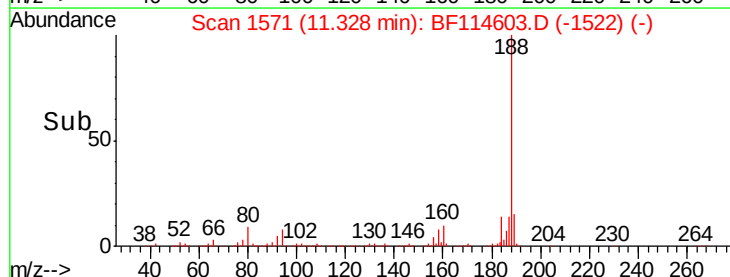
80 9.1 9.2 13.8#

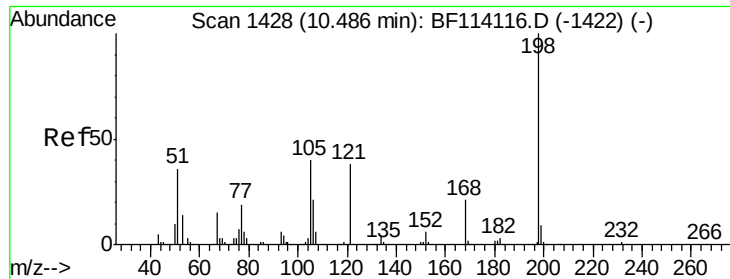


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 42.494 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

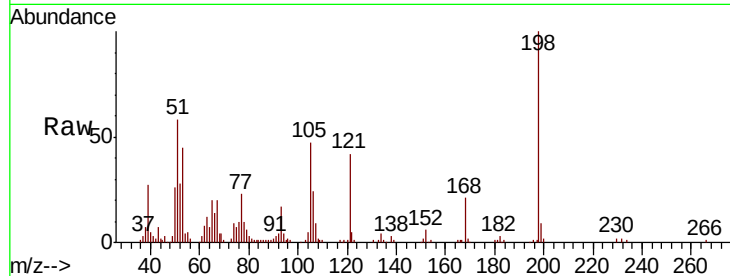
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 94976

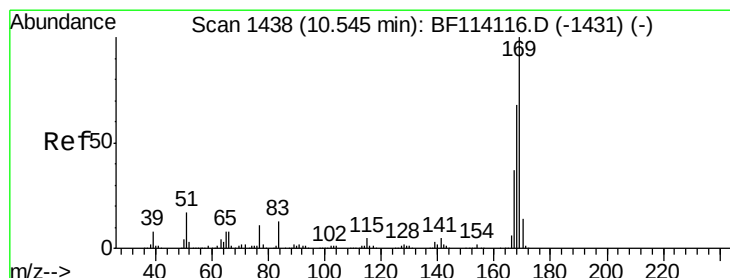
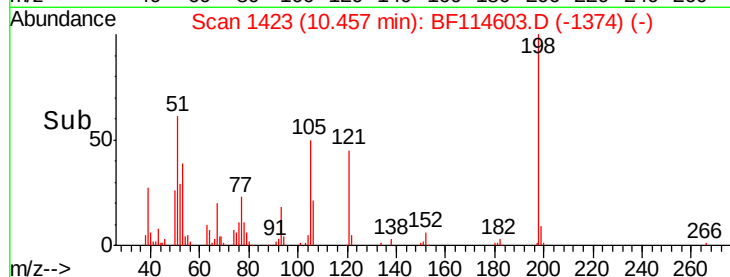
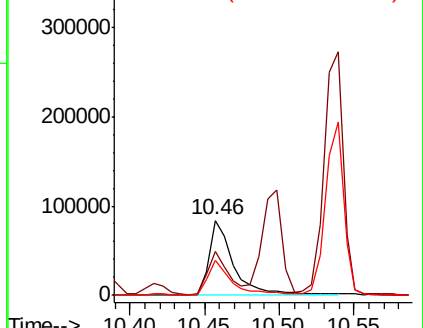
Ion	Ratio	Lower	Upper
198	100		
51	58.0	28.0	68.0
105	46.6	21.1	61.1



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: 45.673 ng

RT: 10.50 min Scan# 1430

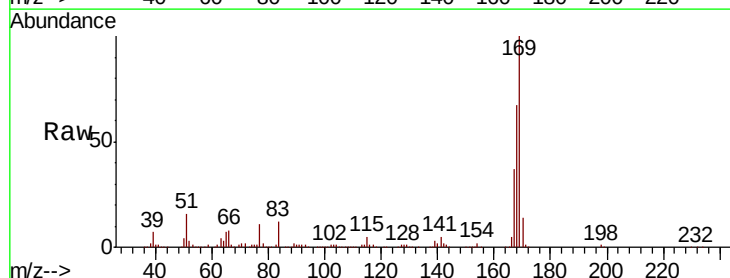
Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Tgt Ion:169 Resp: 644767

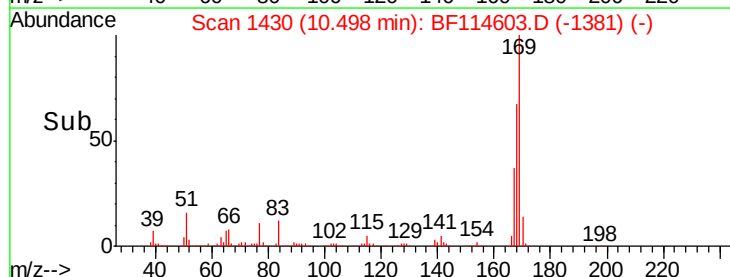
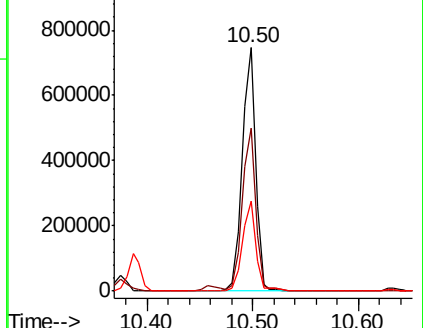
Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.2	81.2
167	36.8	29.8	44.8

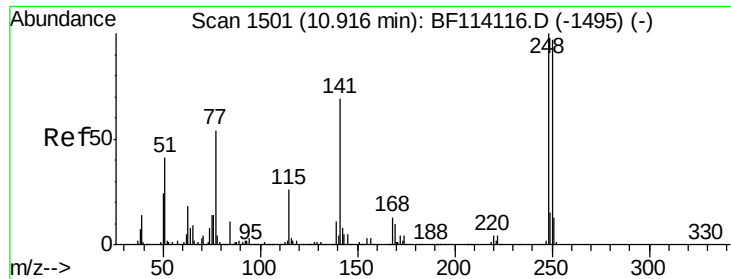


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

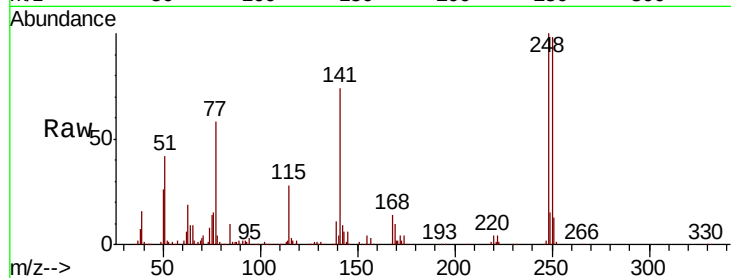




#67
4-Bromophenyl-phenylether
Concen: 42.543 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.4	116.2
141	74.4	55.6	83.4

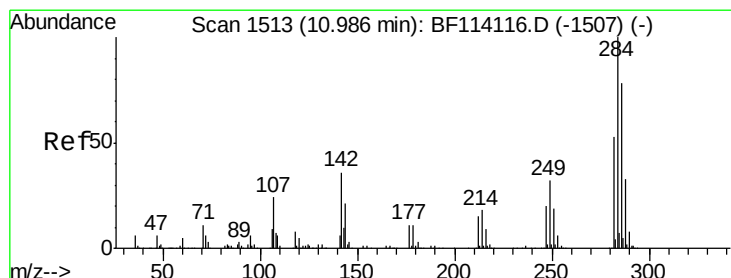
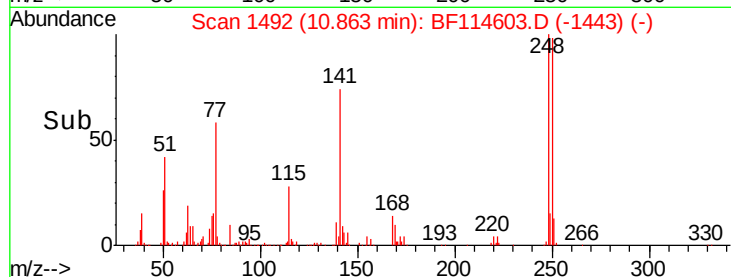
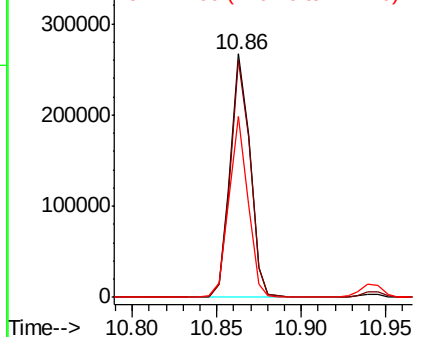


Abundance

Ion 248.00 (247.70 to 248.70): E

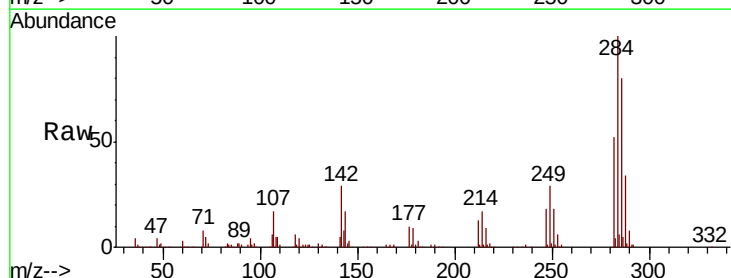
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.200 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	28.4	42.6
249	28.8	25.2	37.8

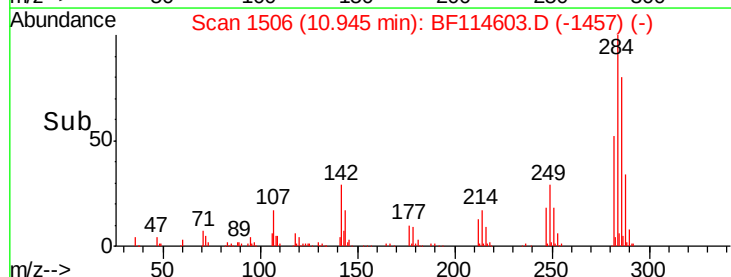
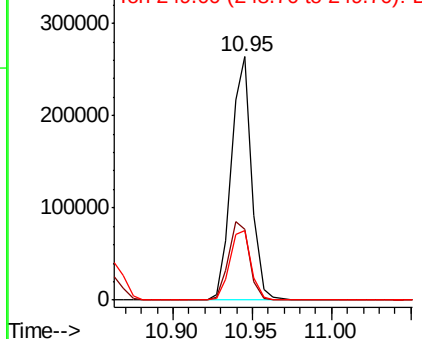


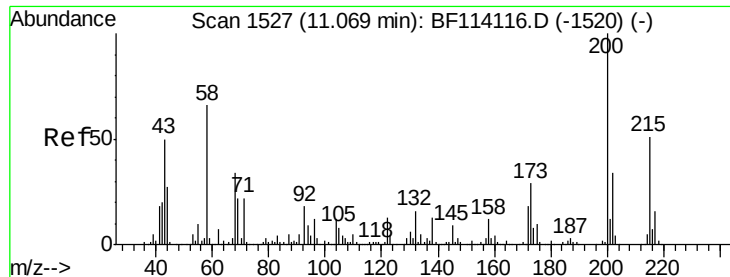
Abundance

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: 43.341 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.02 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampled :

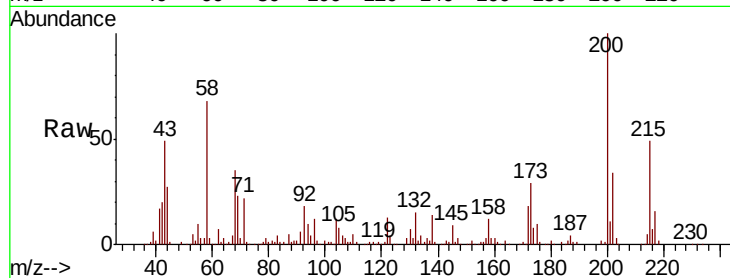
Tot Ion:200 Resp: 190404

Ion Ratio Lower Upper

200 100

173 29.1 8.9 48.9

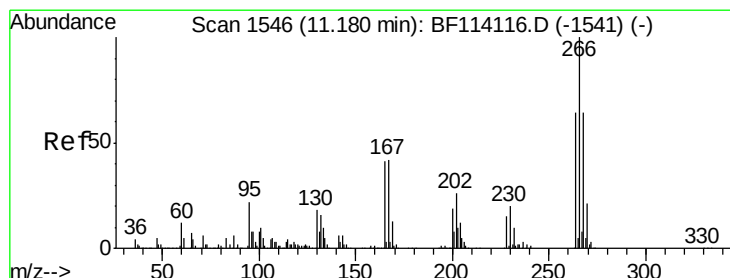
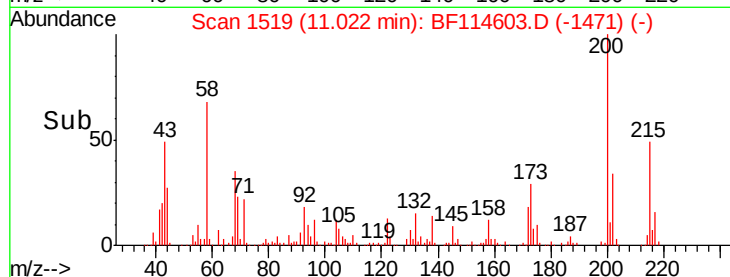
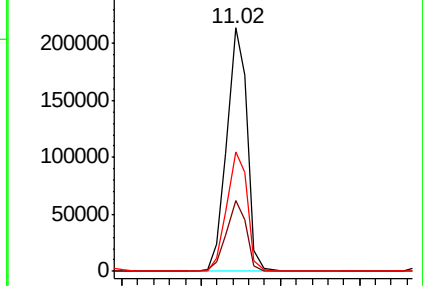
215 48.8 30.7 70.7



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: 59.431 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

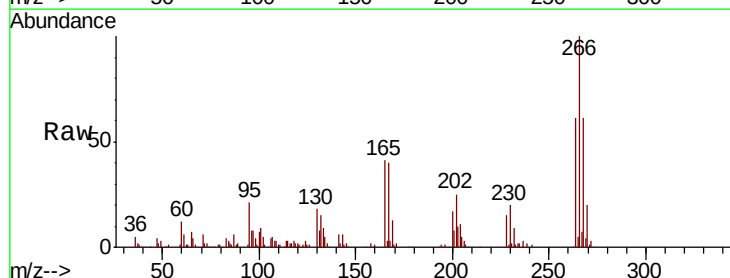
Tgt Ion:266 Resp: 159615

Ion Ratio Lower Upper

266 100

268 61.2 51.1 76.7

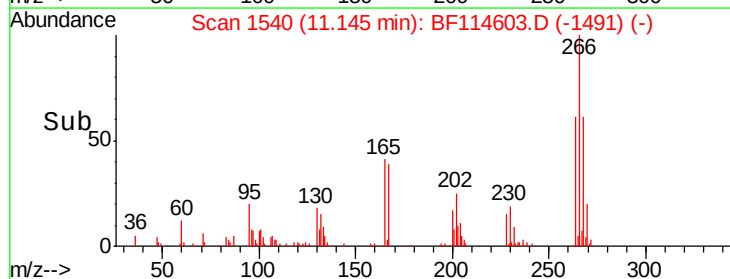
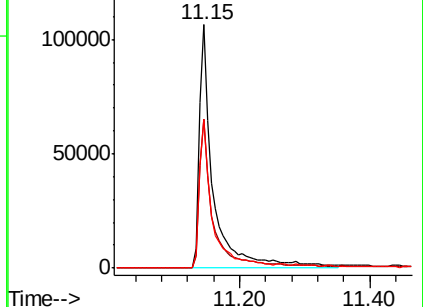
264 61.0 51.1 76.7

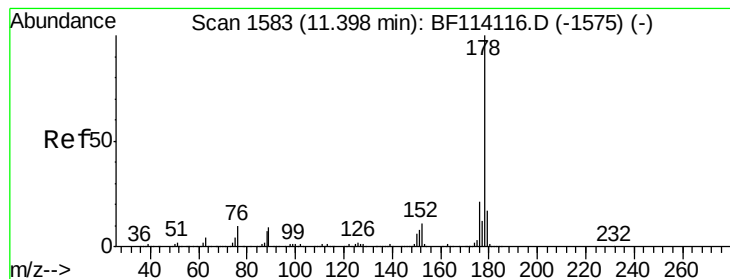


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.371 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

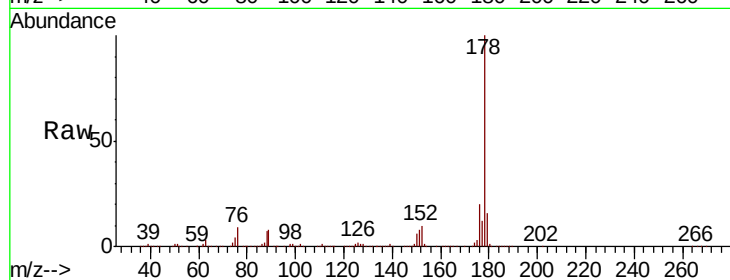
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1026716

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.4	24.6
179	16.0	13.2	19.8

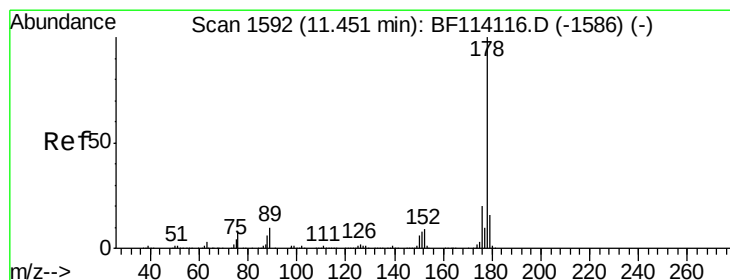
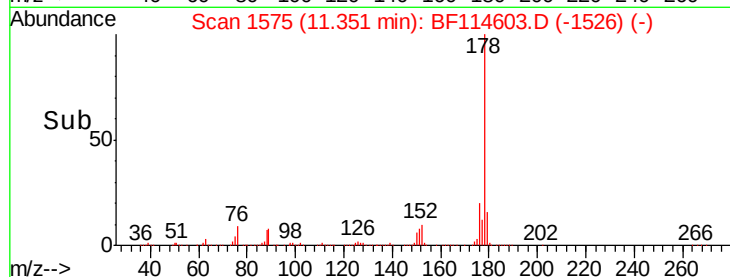
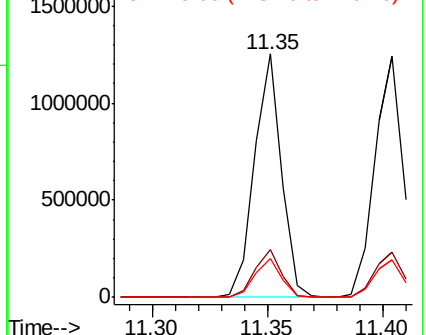


Abundance

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



#72

Anthracene

Concen: 47.274 ng

RT: 11.40 min Scan# 1584

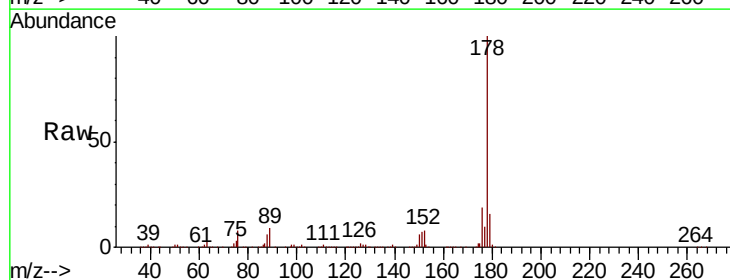
Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Tgt Ion:178 Resp: 1074504

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.7	13.0	19.4

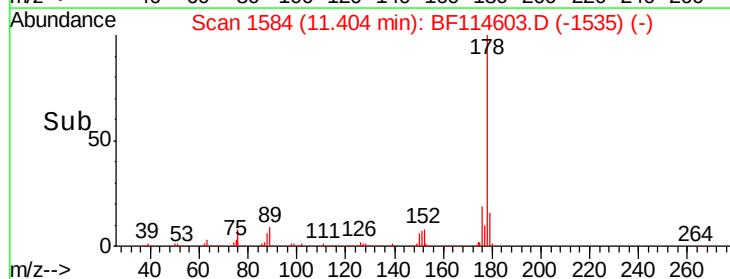
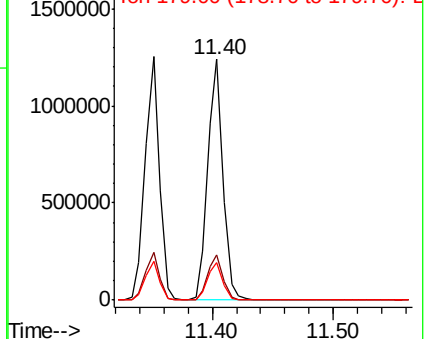


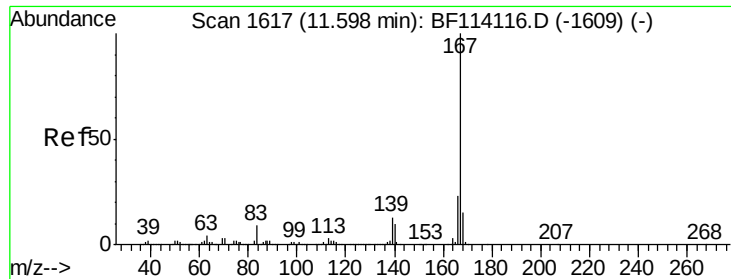
Abundance

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: 46.581 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampleId :

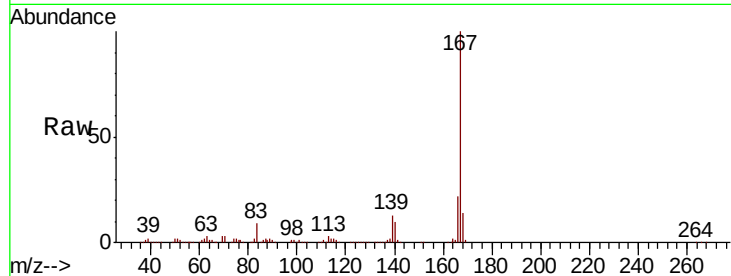
Tot Ion:167 Resp: 1009606

Ion Ratio Lower Upper

167 100

166 21.7 18.2 27.2

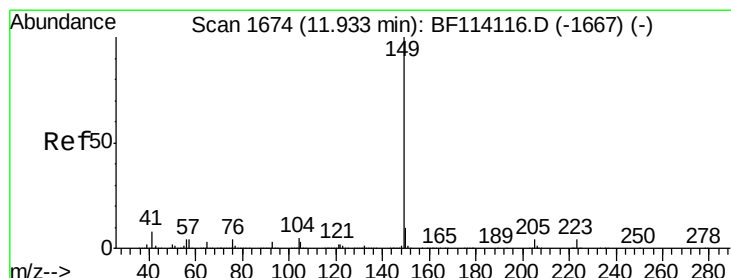
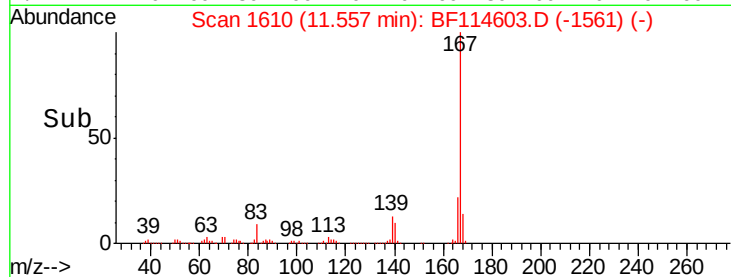
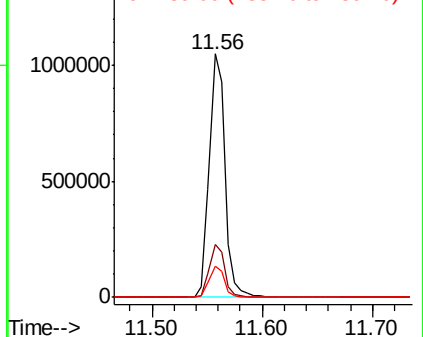
139 12.7 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.625 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

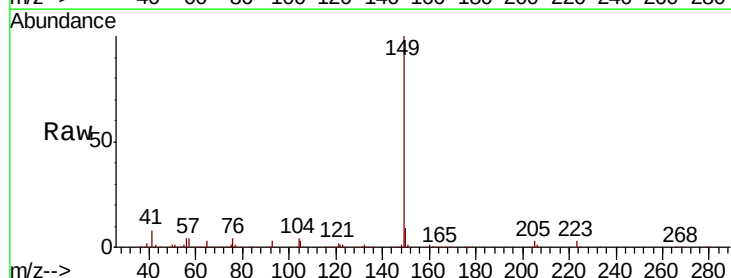
Tgt Ion:149 Resp: 1214209

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

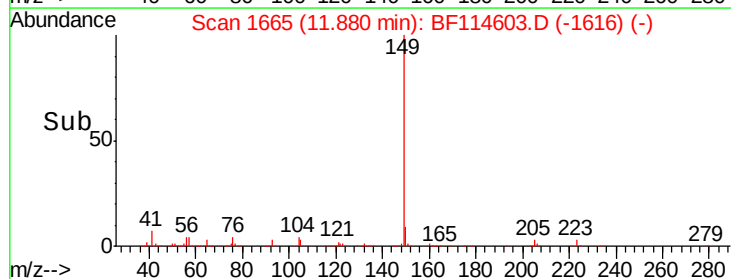
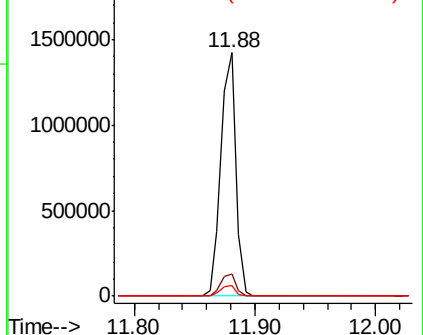
104 4.3 3.6 5.4

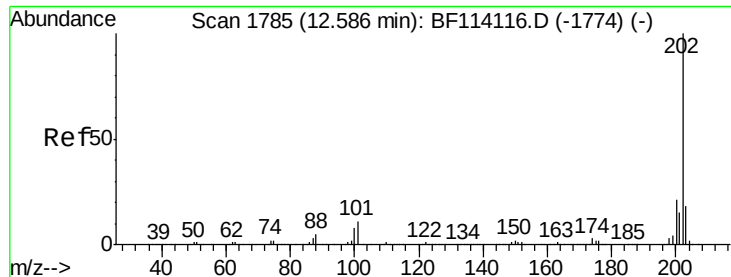


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

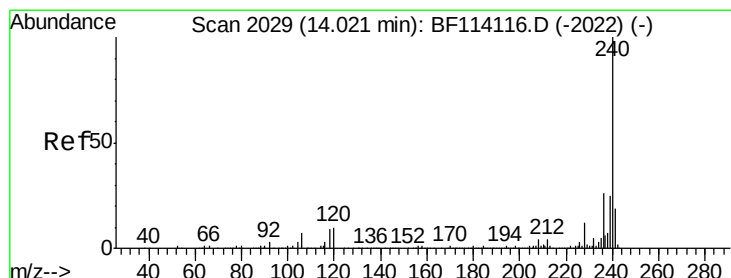
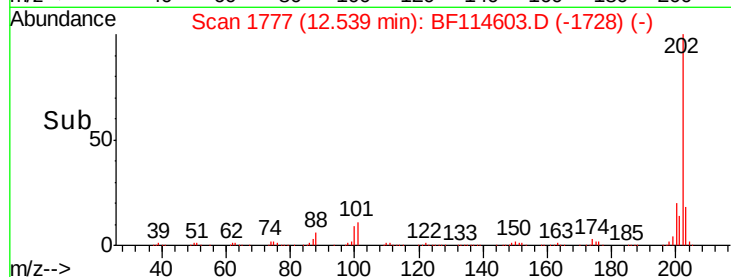
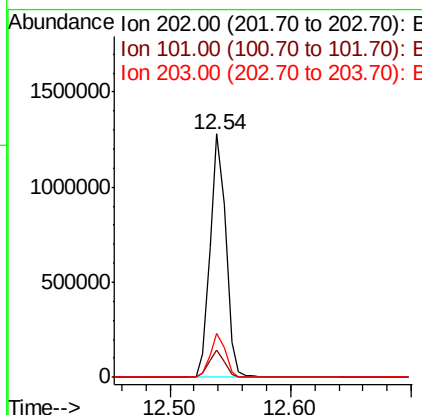
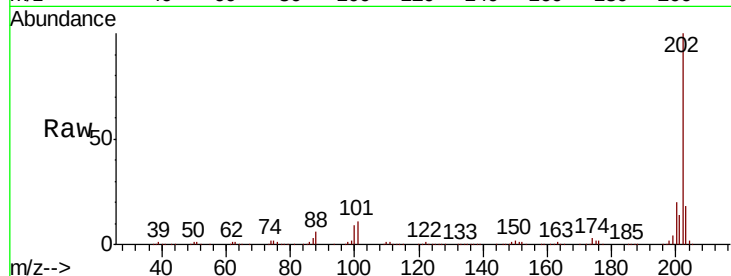




#75
 Fluoranthene
 Concen: 46.993 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

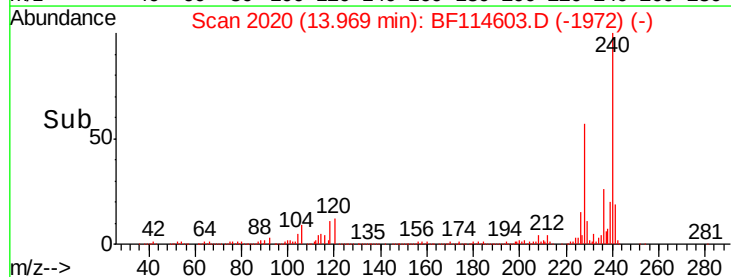
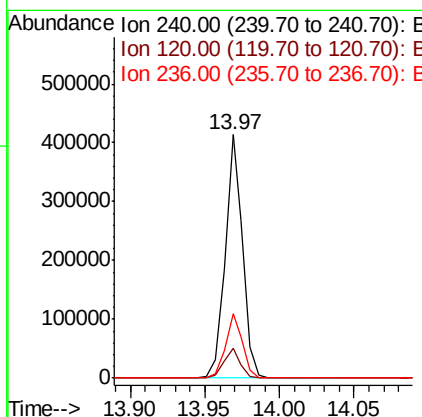
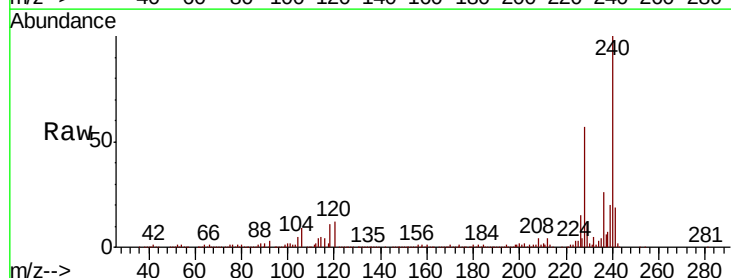
Instrument :
 BNA_F
 ClientSampleId :

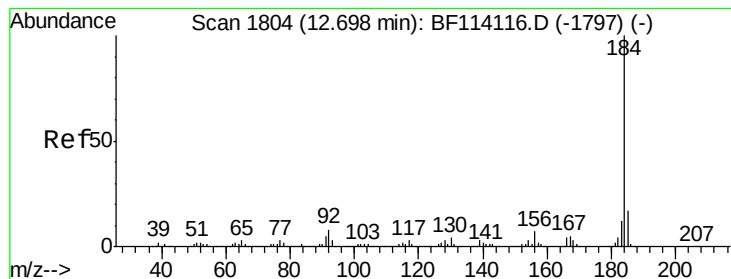
Tot Ion:202 Resp: 1145158
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 31.0
 203 17.9 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Tgt Ion:240 Resp: 338651
 Ion Ratio Lower Upper
 240 100
 120 12.4 8.3 12.5
 236 26.5 20.8 31.2





#77

Benzidine

Concen: 38.559 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampleId :

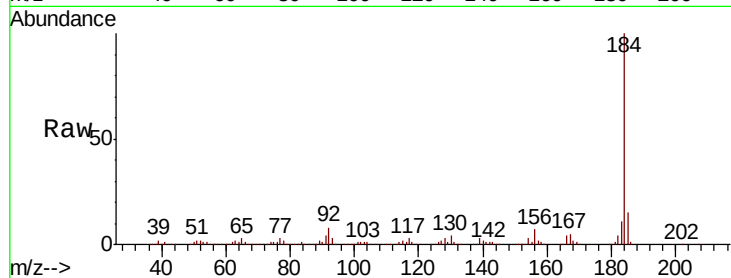
Tot Ion:184 Resp: 586153

Ion Ratio Lower Upper

184 100

185 15.3 13.6 20.4

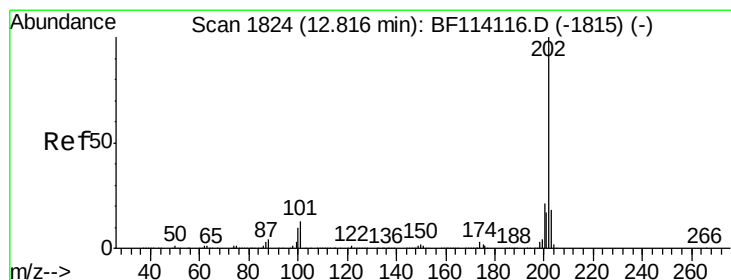
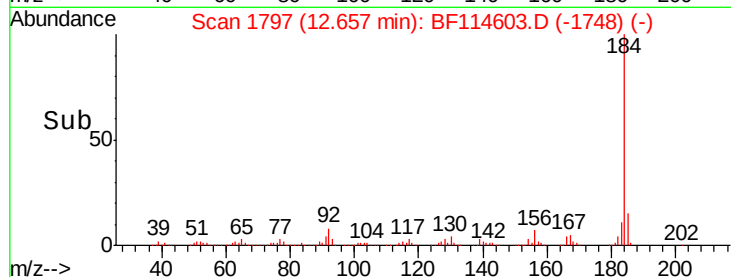
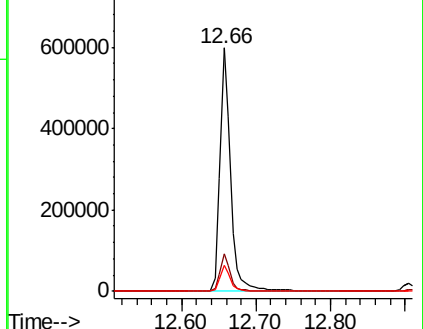
183 10.6 9.2 13.8



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: 42.497 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

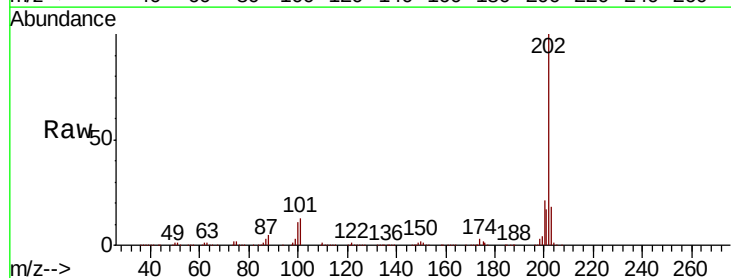
Tgt Ion:202 Resp: 1157743

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

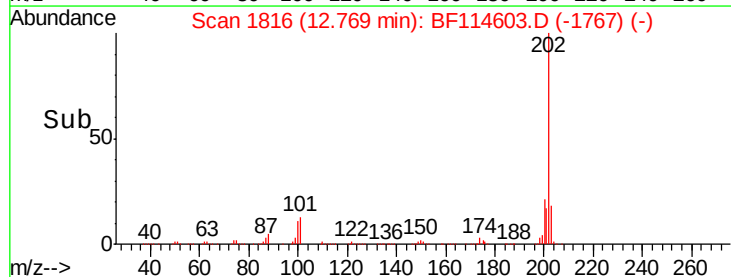
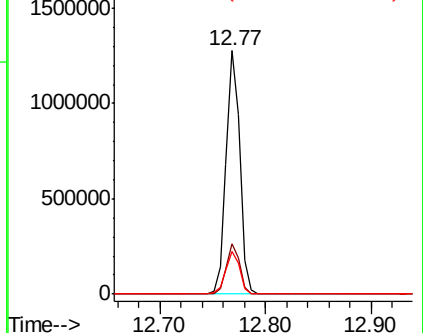
203 17.7 14.5 21.7

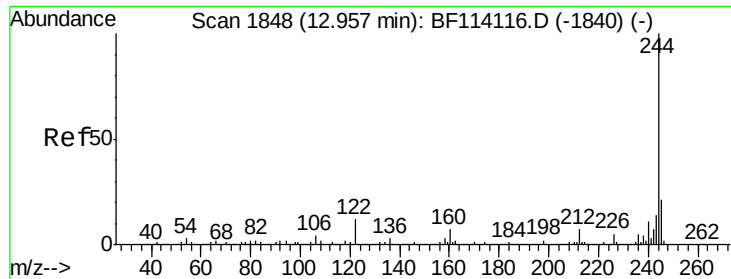


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.000 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

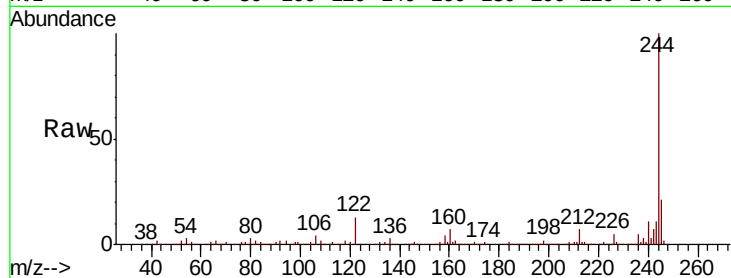
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1527807

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	13.0	9.4	14.2

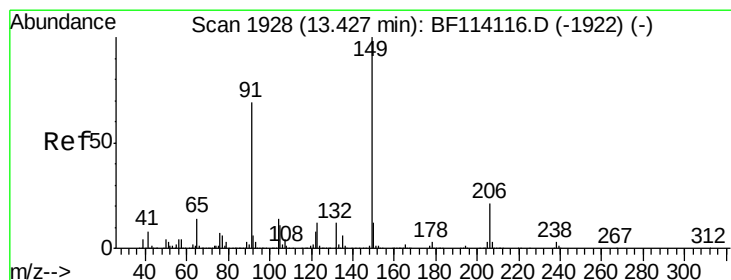
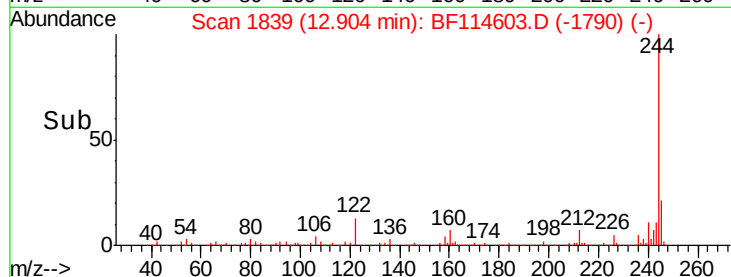
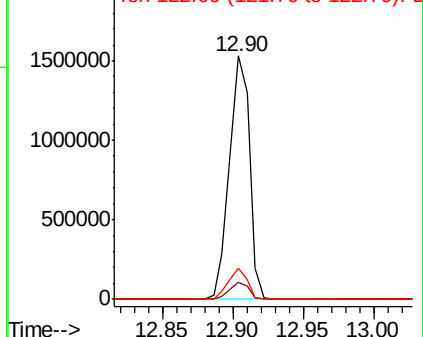


Abundance

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: 47.048 ng

RT: 13.37 min Scan# 1919

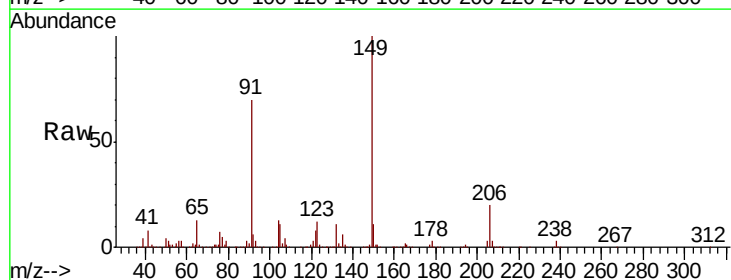
Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Tgt Ion:149 Resp: 539491

Ion	Ratio	Lower	Upper
149	100		
91	69.7	55.0	82.4
206	20.2	16.9	25.3

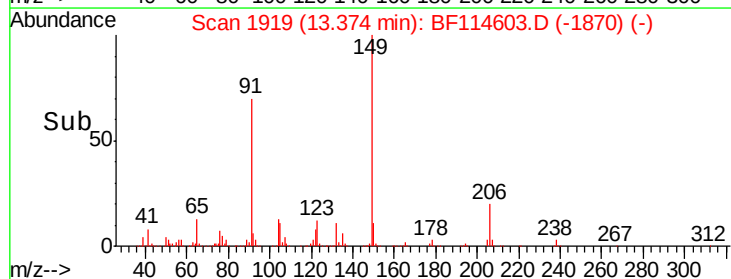
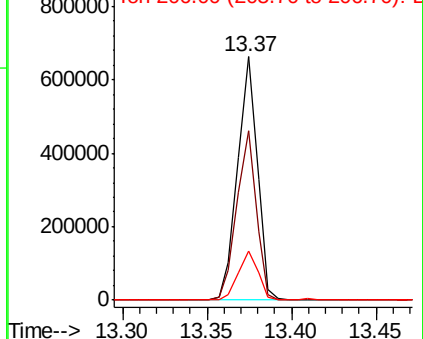


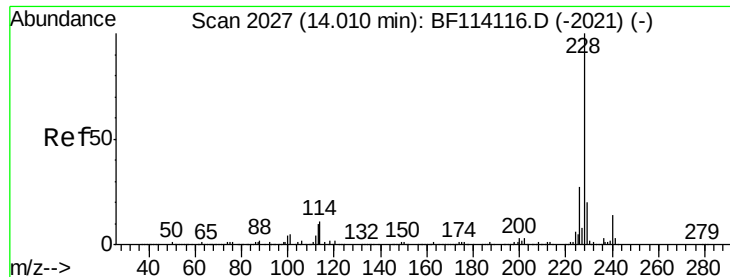
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.277 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampleId :

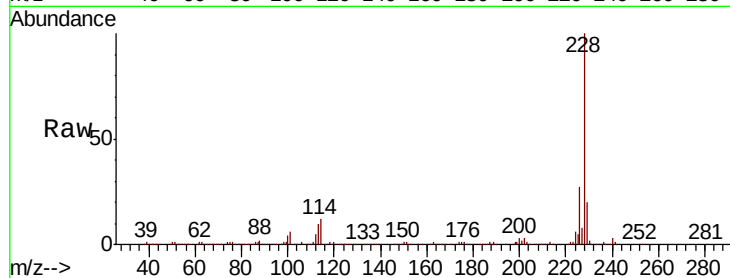
Tot Ion:228 Resp: 991739

Ion Ratio Lower Upper

228 100

226 26.7 22.2 33.2

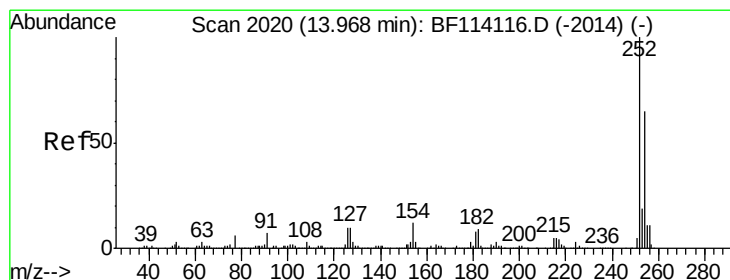
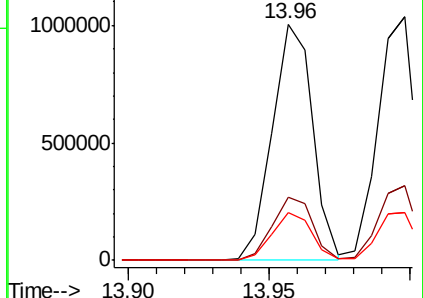
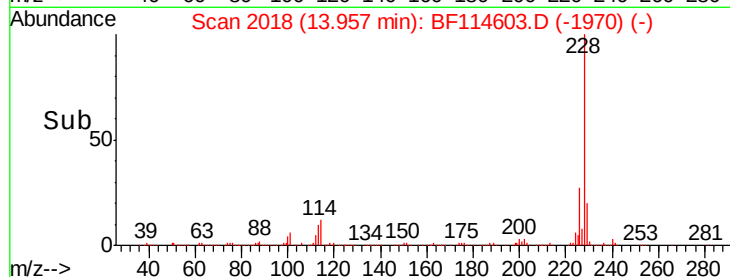
229 20.0 16.4 24.6



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



#82

3,3'-Dichlorobenzidine

Concen: 31.820 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

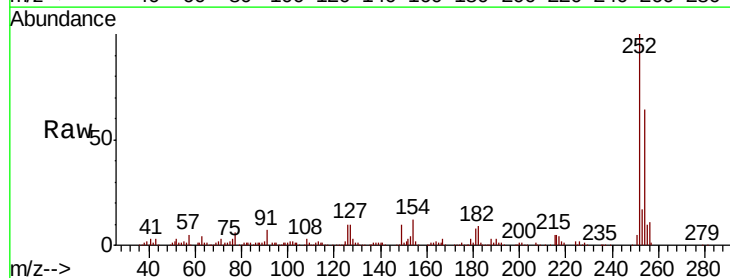
Tgt Ion:252 Resp: 270380

Ion Ratio Lower Upper

252 100

254 64.3 51.9 77.9

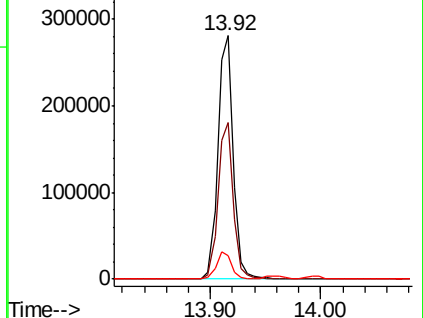
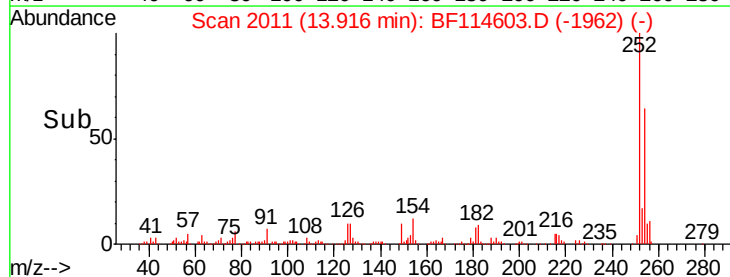
126 9.5 7.9 11.9

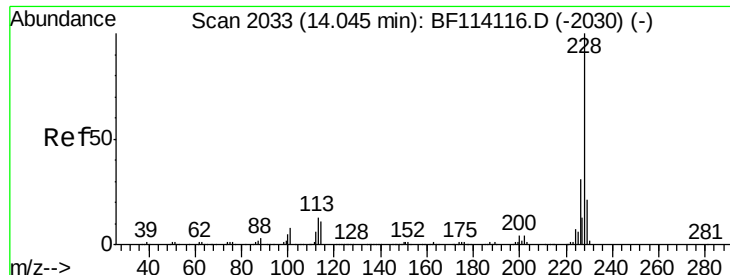


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.466 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampleId :

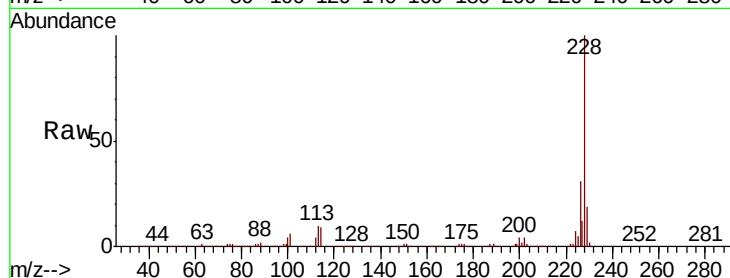
Tot Ion:228 Resp: 976251

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

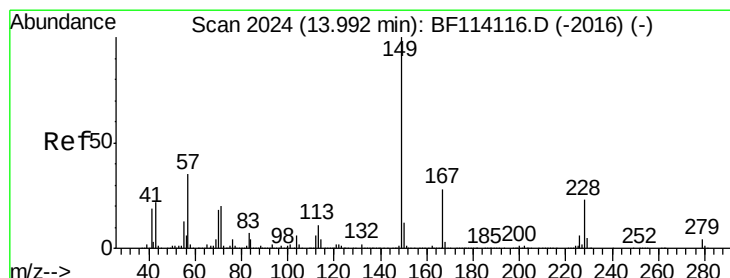
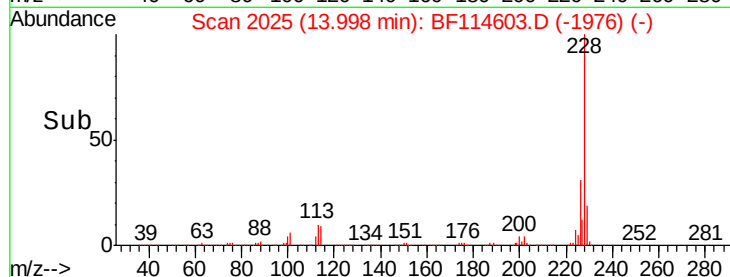
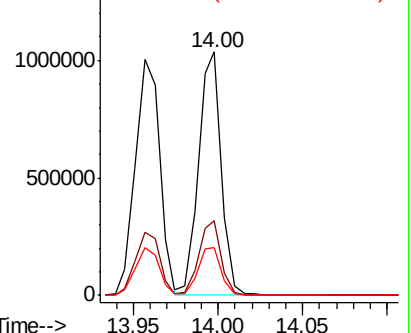
229 19.4 17.0 25.6



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: 50.926 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

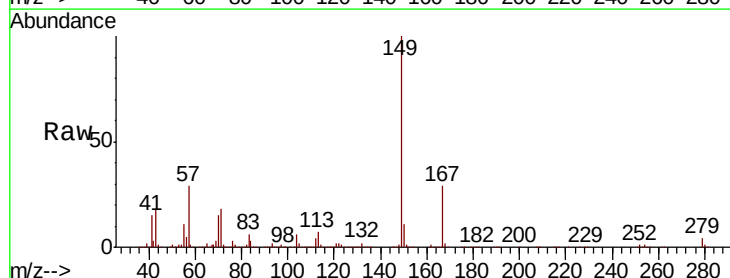
Tgt Ion:149 Resp: 763739

Ion Ratio Lower Upper

149 100

167 28.6 22.6 33.8

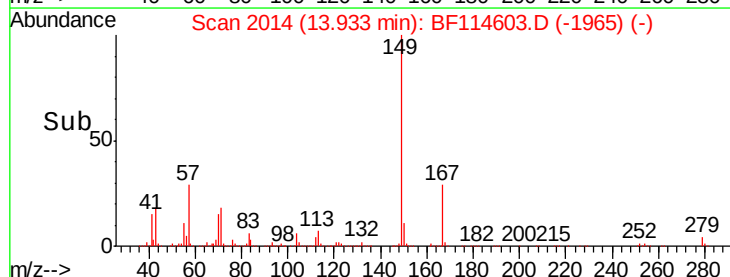
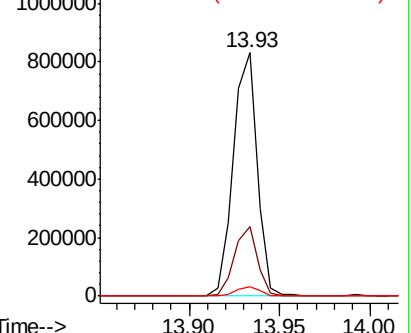
279 4.1 3.0 4.6

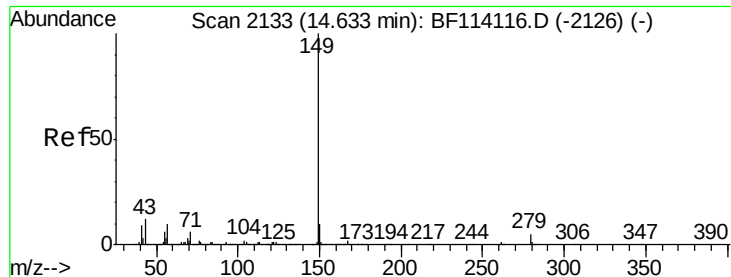


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.583 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampleId :

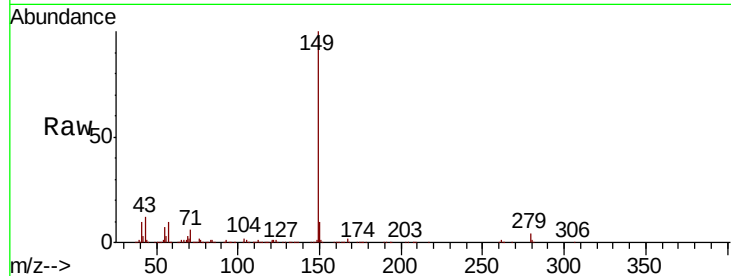
Tot Ion:149 Resp: 1278362

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

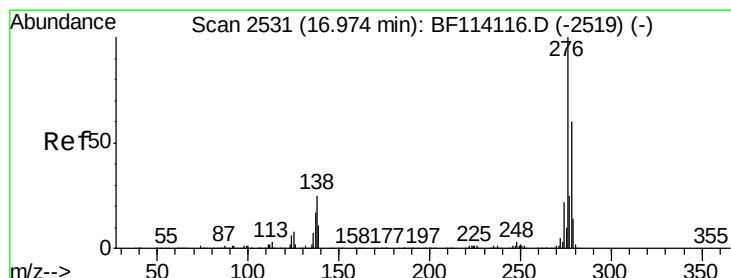
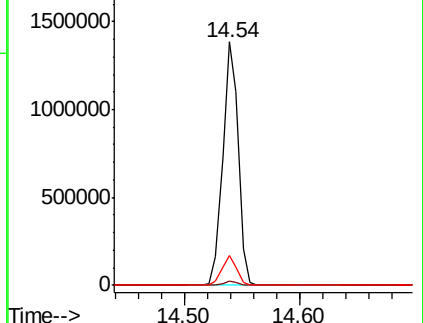
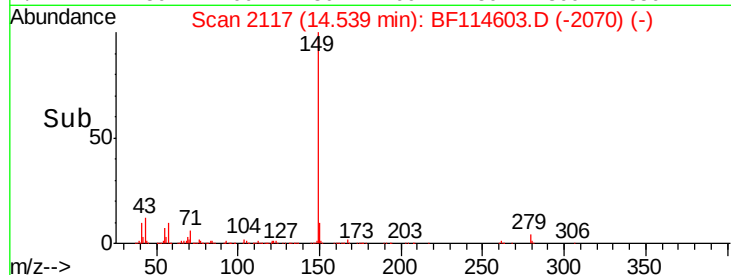
43 11.9 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.873 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

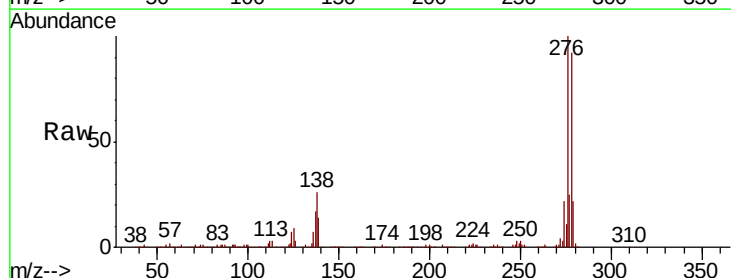
Tgt Ion:276 Resp: 908463

Ion Ratio Lower Upper

276 100

138 24.8 20.2 30.2

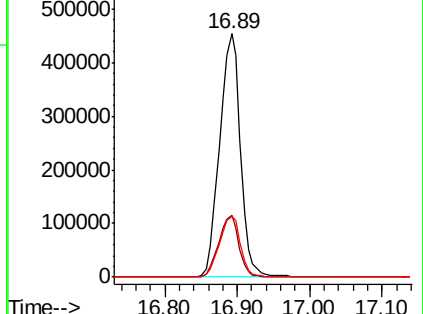
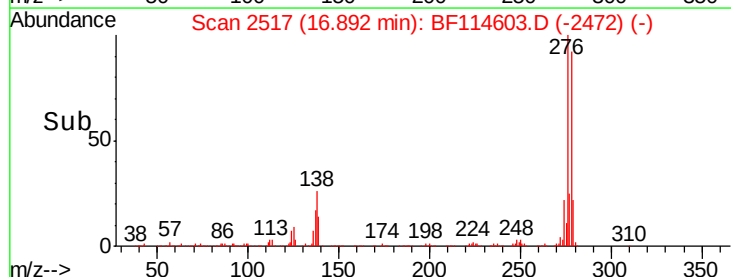
277 25.1 20.0 30.0

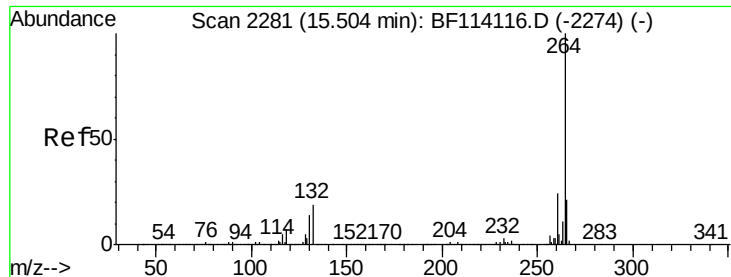


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.03 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampleId :

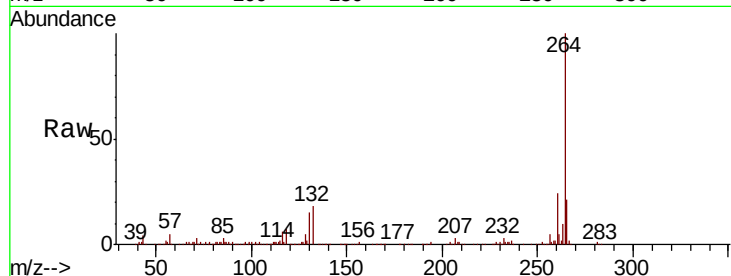
Tot Ion:264 Resp: 351880

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.3	16.9	25.3

264 100

260 24.1 19.4 29.0

265 21.3 16.9 25.3

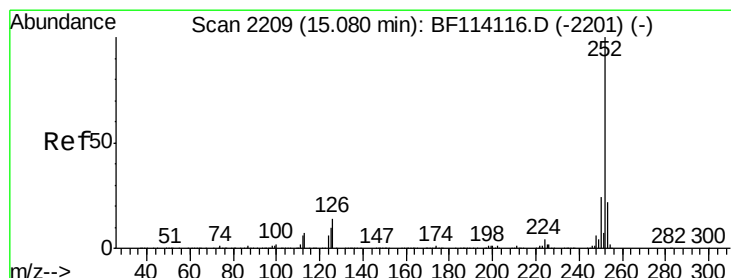
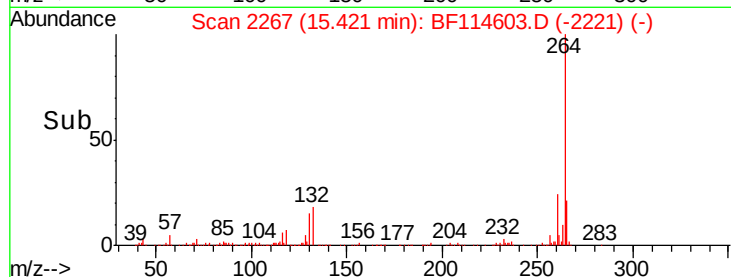
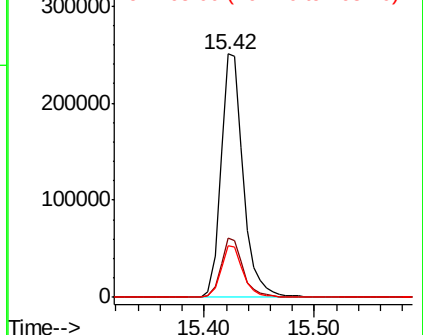


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.553 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

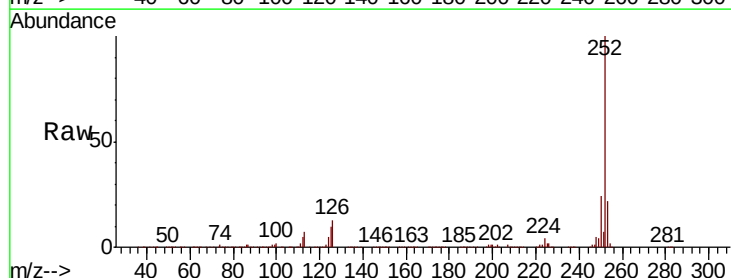
Tgt Ion:252 Resp: 959284

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.4	8.3	12.5

252 100

253 22.2 17.8 26.8

125 10.4 8.3 12.5

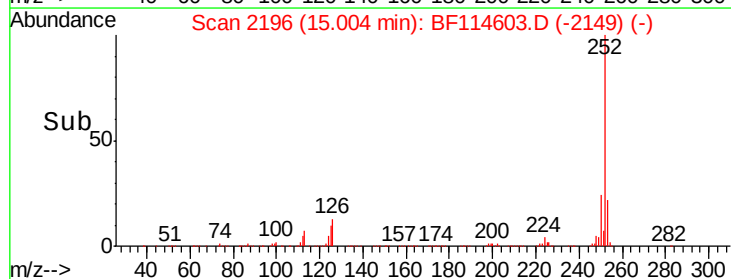
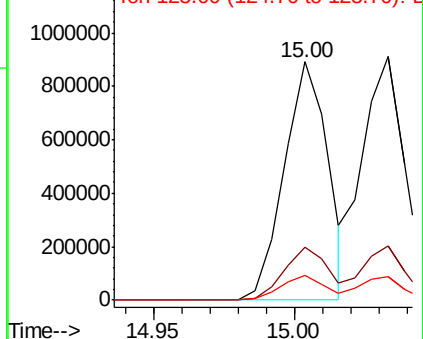


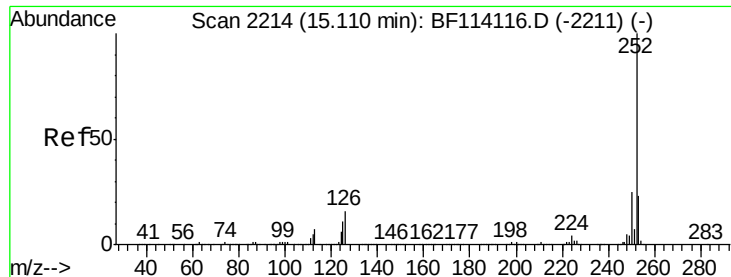
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

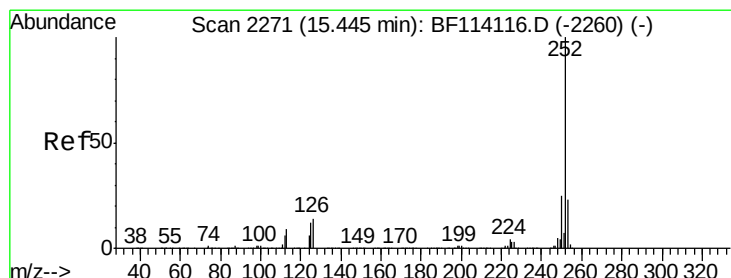
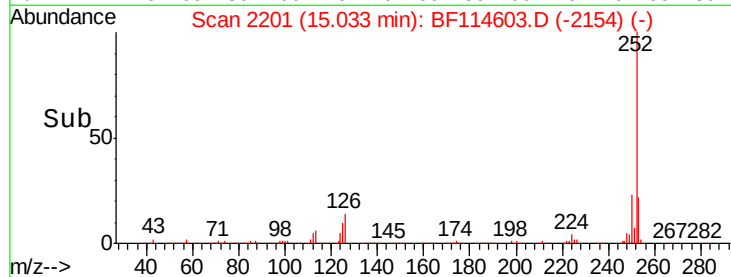
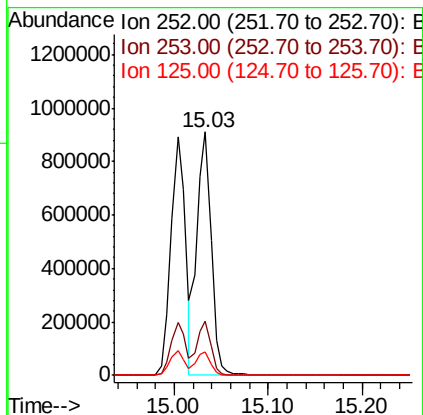
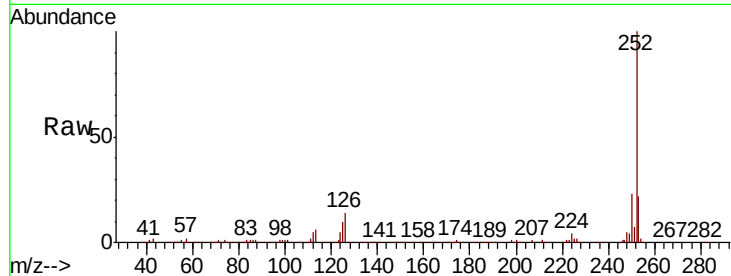




#89
Benzo(k)fluoranthene
Concen: 46.920 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

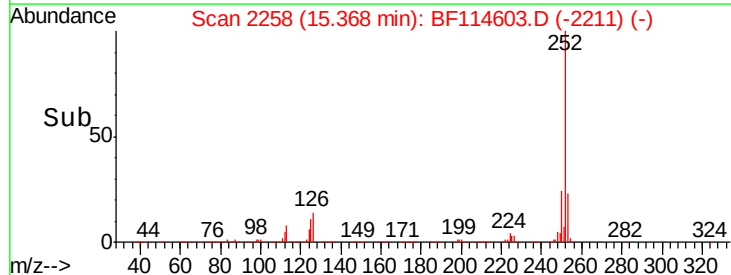
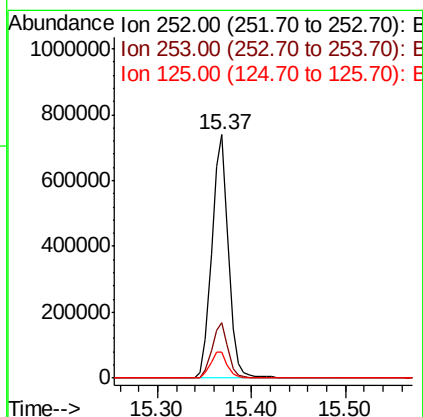
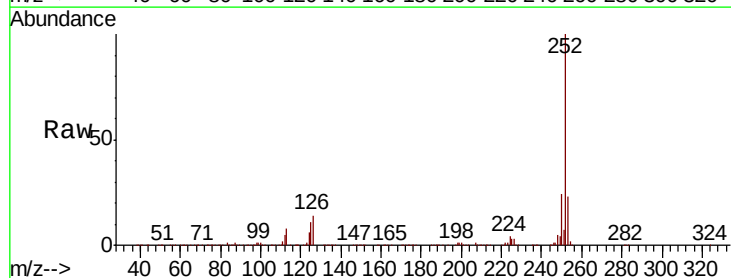
Instrument :
BNA_F
ClientSampleId :

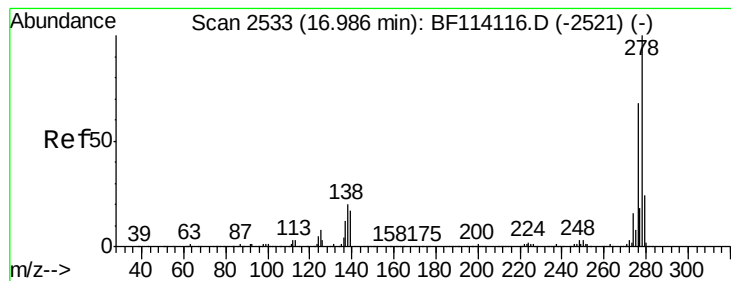
Tot Ion:252 Resp: 971633
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 9.6 8.6 13.0



#90
Benzo(a)pyrene
Concen: 46.381 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion:252 Resp: 920198
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 10.9 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 46.166 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampled :

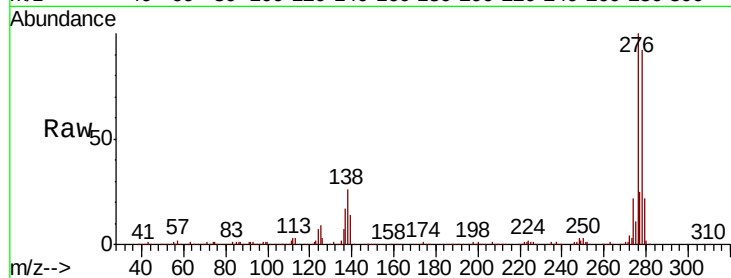
Tot Ion:278 Resp: 761105

Ion Ratio Lower Upper

278 100

139 15.5 13.5 20.3

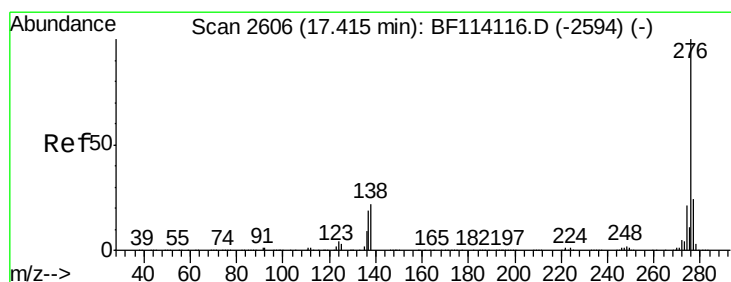
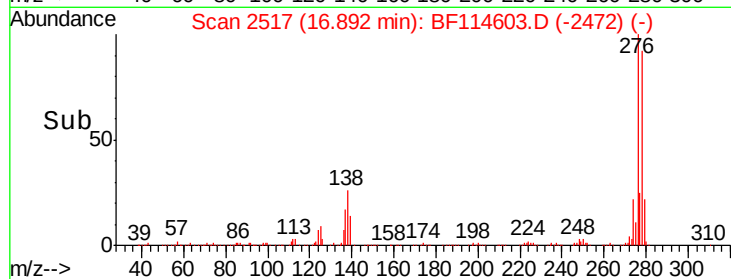
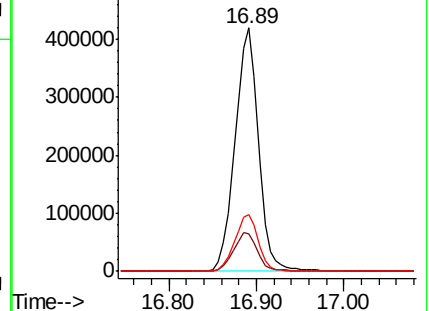
279 23.4 19.0 28.6



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: 47.207 ng

RT: 17.33 min Scan# 2591

Delta R.T. -0.04 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

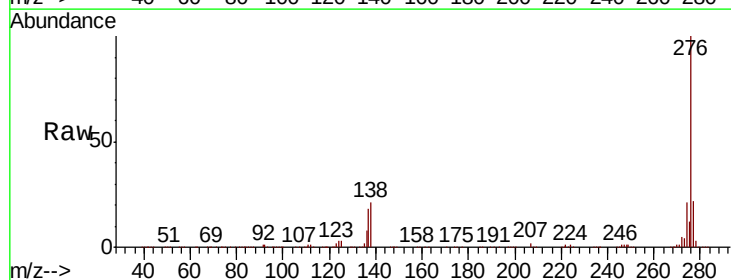
Tgt Ion:276 Resp: 779941

Ion Ratio Lower Upper

276 100

277 22.5 19.0 28.4

138 20.9 17.8 26.6



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

