

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
 Data File : BF116675.D
 Acq On : 31 Aug 2019 2:52
 Operator : HP/JU
 Sample : K4528-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 03:44:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	106671	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	420335	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	211218	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	326951	20.00	ng	0.00
76) Chrysene-d12	13.99	240	200067	20.00	ng	0.00
87) Perylene-d12	15.44	264	237538	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	628103	95.39	ng	0.00
7) Phenol-d6	6.47	99	848929	98.19	ng	0.00
23) Nitrobenzene-d5	7.40	82	517542	70.29	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	149488	105.87	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	862680	68.90	ng	0.00
79) Terphenyl-d14	12.94	244	724761	67.02	ng	0.00

Target Compounds				Qvalue		
3) Pyridine	3.41	79	131	0.015	ng	# 29
4) n-Nitrosodimethylamine	3.29	42	604	0.200	ng	# 1
6) Aniline	6.48	93	895	0.075	ng	# 1
8) 2-Chlorophenol	6.63	128	225	0.031	ng	# 1
9) Benzaldehyde	6.39	77	695	0.122	ng	# 50
10) Phenol	6.48	94	39152	4.089	ng	# 86
11) bis(2-Chloroethyl)ether	6.62	93	1076	0.144	ng	# 1
15) Benzyl Alcohol	7.00	79	9183	1.308	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	7.00	45	119	0.014	ng	# 1
17) 2-Methylphenol	7.25	107	212	0.034	ng	# 1
18) Hexachloroethane	7.38	117	290	0.092	ng	# 1
19) n-Nitroso-di-n-propylamine	7.40	70	70633	12.407	ng	# 73
20) 3+4-Methylphenols	7.25	107	212	0.029	ng	# 1
22) Acetophenone	7.25	105	3886	0.384	ng	# 84
24) Nitrobenzene	7.40	77	1943	0.259	ng	# 34
25) Isophorone	7.40	82	517282	34.670	ng	# 66
27) 2,4-Dimethylphenol	7.80	122	125	0.022	ng	# 1
28) bis(2-Chloroethoxy)methane	8.13	93	125	0.014	ng	# 1
31) Naphthalene	8.15	128	20478	1.025	ng	# 97
32) Benzoic acid	7.80	122	125	0.039	ng	# 1
33) 4-Chloroaniline	8.15	127	2783	0.306	ng	# 29
35) Caprolactam	8.56	113	255	0.126	ng	# 1
36) 4-Chloro-3-methylphenol	8.69	107	145	0.023	ng	# 22
37) 2-Methylnaphthalene	8.84	142	9591	0.721	ng	# 88
38) 1-Methylnaphthalene	8.84	142	9591	0.764	ng	# 85
46) 1,1'-Biphenyl	9.30	154	5405	0.337	ng	# 92
47) 2-Chloronaphthalene	9.37	162	114	0.009	ng	# 37
48) 2-Nitroaniline	9.35	65	109	0.030	ng	# 3
49) Acenaphthylene	9.74	152	4465	0.233	ng	# 96
50) Dimethylphthalate	9.59	163	123103	8.442	ng	# 97
51) 2,6-Dinitrotoluene	9.59	165	1502	0.540	ng	# 30
52) Acenaphthene	9.91	154	8713	0.739	ng	# 93
53) 3-Nitroaniline	10.08	138	284	0.081	ng	# 3
55) Dibenzofuran	10.08	168	13649	0.821	ng	# 95

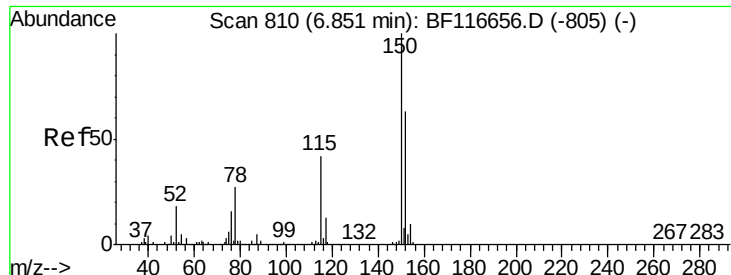
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 4-Nitrophenol	10.08	139	5738	2.400	nq	# 11
57) 2,4-Dinitrotoluene	9.88	165	26307	7.733	nq	# 21
58) Fluorene	10.42	166	7960	0.629	nq	# 95
59) 2,3,4,6-Tetrachlorophenol	10.46	232	109	0.042	nq	# 1
60) Diethylphthalate	10.29	149	1118	0.077	nq	# 55
61) 4-Chlorophenyl-phenylether	10.58	204	260	0.047	nq	# 23
62) 4-Nitroaniline	10.43	138	426	0.126	nq	# 21
63) Azobenzene	10.57	77	1018	0.067	nq	# 4
65) 4,6-Dinitro-2-methylphenol	10.66	198	283	7.650	nq	# 1
66) n-Nitrosodiphenylamine	10.79	169	2953	0.261	nq	92
67) 4-Bromophenyl-phenylether	10.89	248	386	0.116	nq	# 1
69) Atrazine	11.25	200	262	0.083	nq	# 1
71) Phenanthrene	11.39	178	115376	6.339	nq	99
72) Anthracene	11.39	178	115376	6.297	nq	99
73) Carbazole	11.59	167	10988	0.630	nq	# 68
74) Di-n-butylphthalate	11.92	149	11151	0.498	nq	# 54
75) Fluoranthene	12.57	202	174542	9.758	nq	91
77) Benzidine	12.66	184	492	0.063	nq	# 1
78) Pyrene	12.80	202	142688	8.023	nq	# 93
80) Butylbenzylphthalate	13.41	149	1685	0.195	nq	# 1
81) Benzo(a)anthracene	13.99	228	53814	4.250	nq	95
82) 3,3'-Dichlorobenzidine	13.94	252	421	0.098	nq	# 1
83) Chrysene	13.99	228	53814	4.125	nq	96
84) Bis(2-ethylhexyl)phthalate	13.98	149	11608	1.087	nq	92
85) Di-n-octyl phthalate	14.58	149	871	0.050	nq	# 1
86) Indeno(1,2,3-cd)pyrene	16.88	276	55994	5.344	nq	99
88) Benzo(b)fluoranthene	15.02	252	119712	8.336	nq	# 93
89) Benzo(k)fluoranthene	15.02	252	119712	9.142	nq	# 94
90) Benzo(a)pyrene	15.38	252	60299	4.826	nq	# 93
91) Dibenzo(a,h)anthracene	16.89	278	11960	1.094	nq	# 63
92) Benzo(a,h,i)perylene	17.31	276	56648	5.079	nq	# 91

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

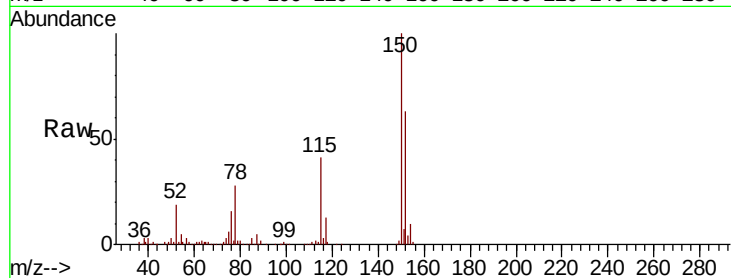


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.4	186.6
115	64.4	49.9	74.9

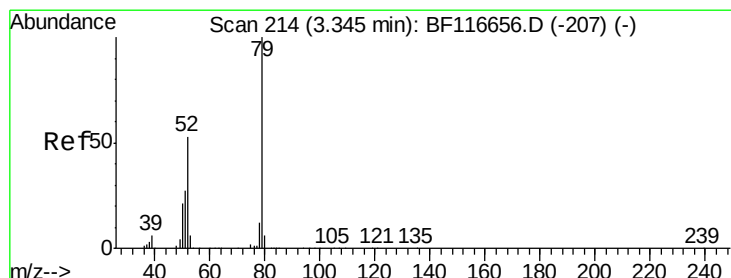
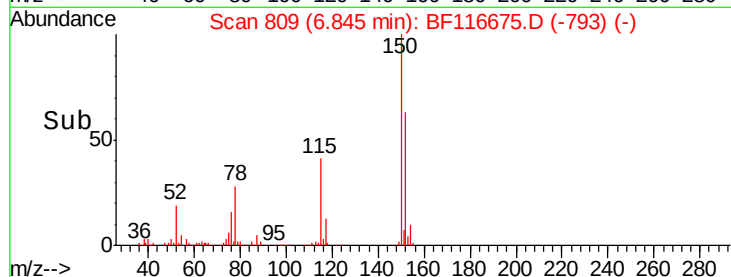
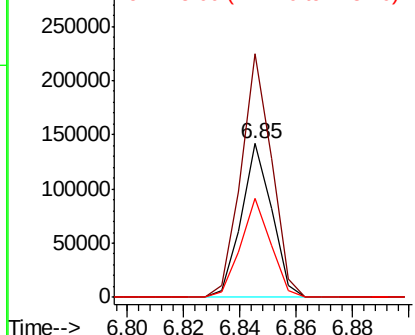


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

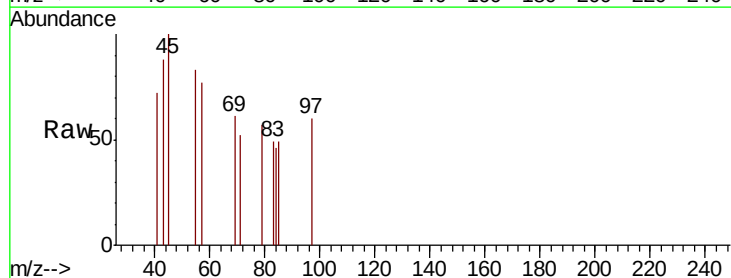
Ion 115.00 (114.70 to 115.70): E



#3

Pyridine
Concen: 0.015 ng
RT: 3.41 min Scan# 225
Delta R.T. 0.06 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Tgt Ion	Ratio	Lower	Upper
79	100		
52	0.0	47.4	71.0#
51	0.0	24.1	36.1#

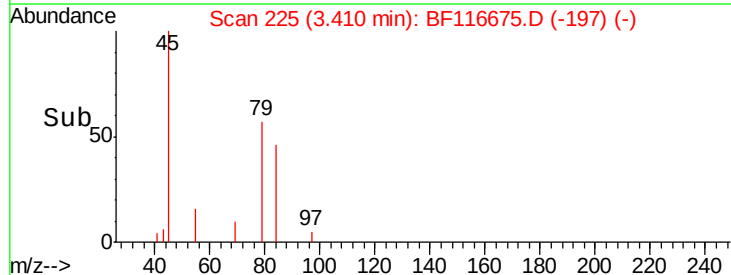
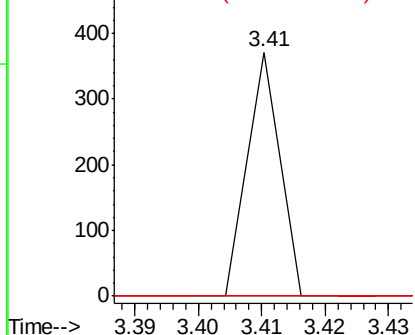


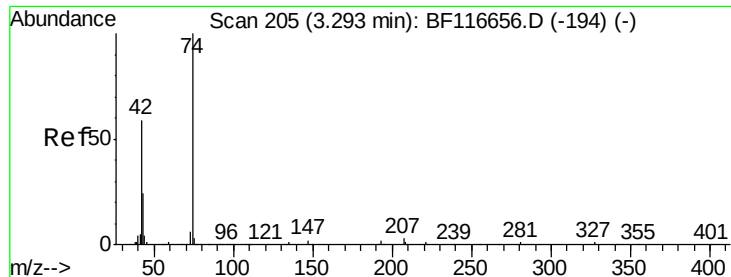
Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



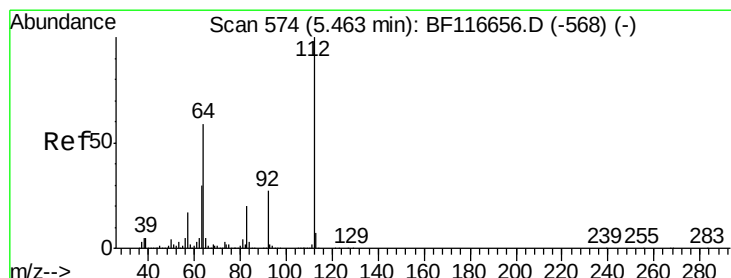
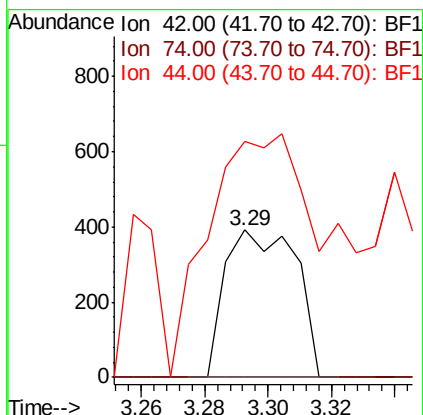
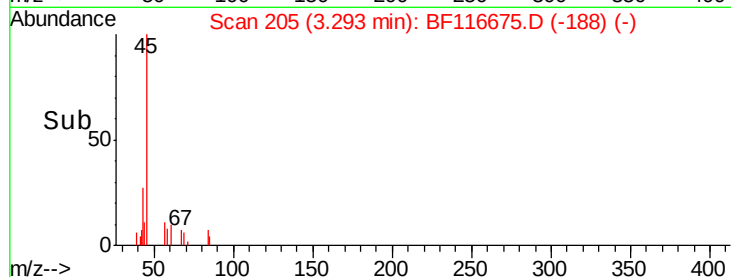
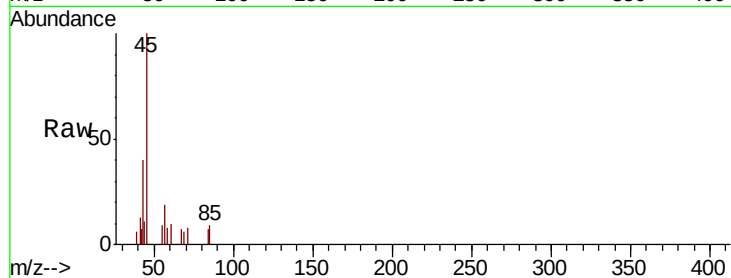


#4

n-Nitrosodimethylamine
 Concen: 0.200 ng
 RT: 3.29 min Scan# 205
 Delta R.T. 0.00 min
 Lab File: BF116675.D
 Acq: 31 Aug 2019 2:52

Instrument :
 BNA_F
 ClientSampleId :

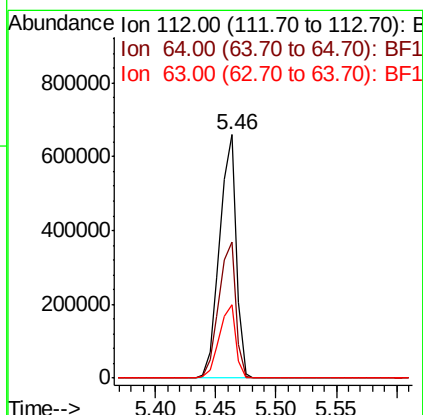
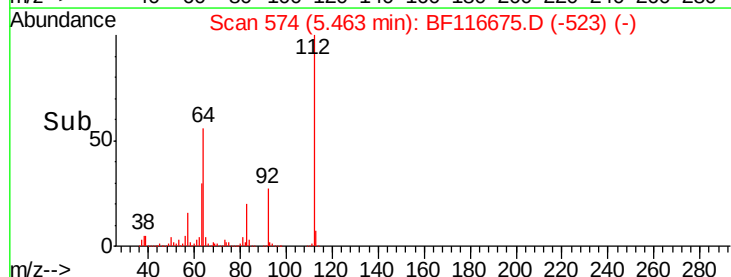
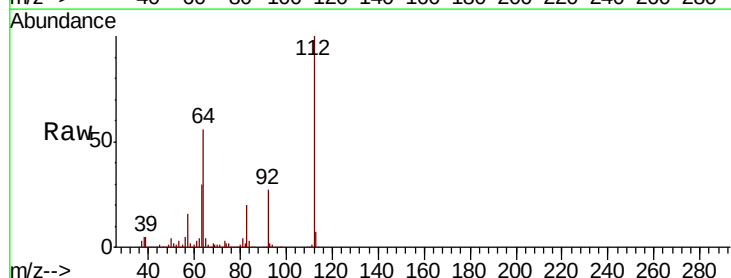
Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	115.6	173.4#
44	160.1	4.6	7.0#

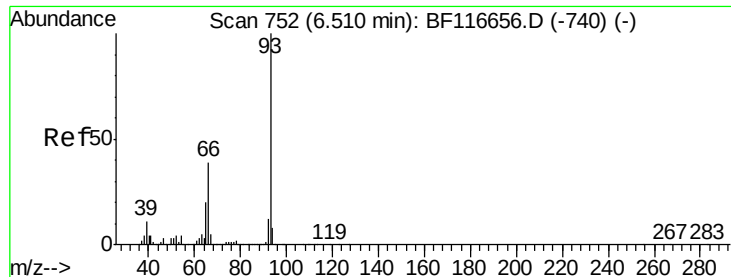


#5

2-Fluorophenol
 Concen: 95.393 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF116675.D
 Acq: 31 Aug 2019 2:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.1	70.7
63	29.9	24.9	37.3





#6

Aniline

Concen: 0.075 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

Instrument :

BNA_F

ClientSampleId :

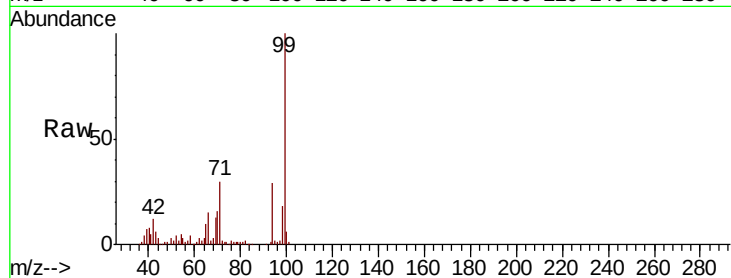
Tot Ion: 93 Resp: 895

Ion Ratio Lower Upper

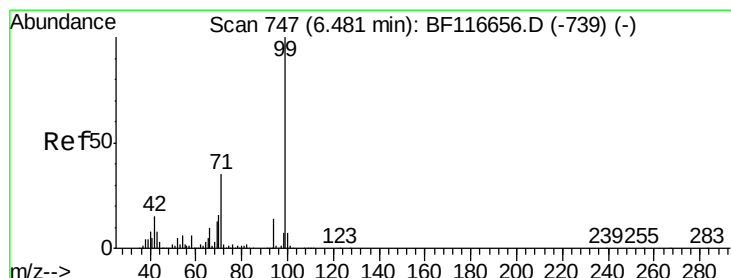
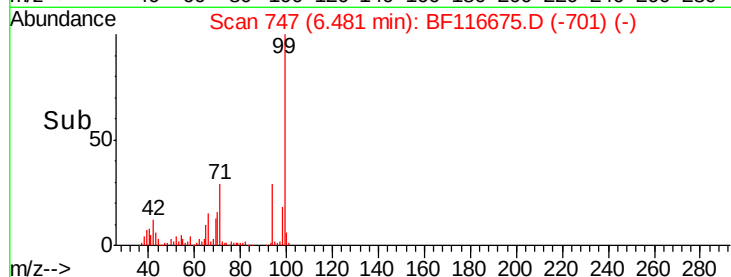
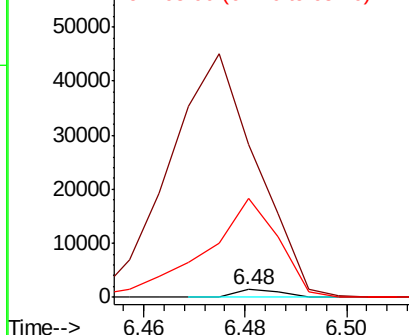
93 100

66 2008.5 32.7 49.1#

65 1298.0 16.3 24.5#



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



#7

Phenol-d6

Concen: 98.187 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

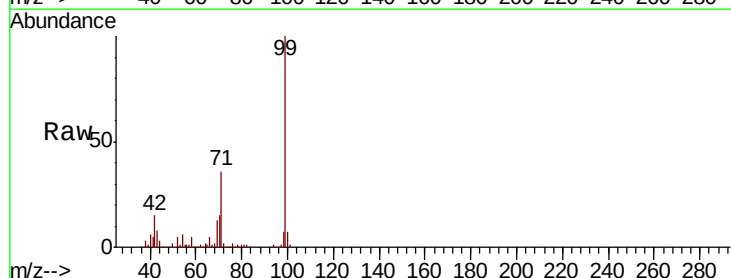
Tgt Ion: 99 Resp: 848929

Ion Ratio Lower Upper

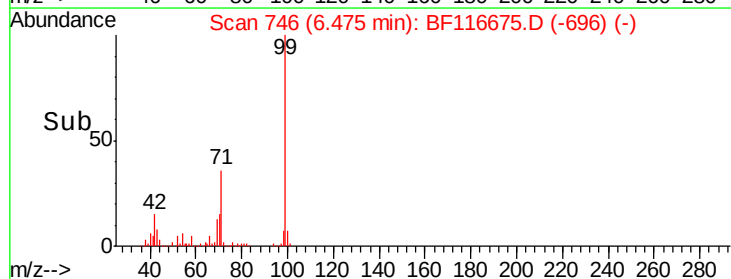
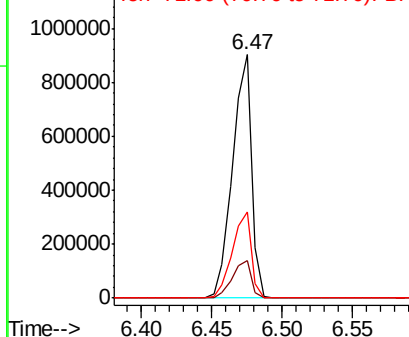
99 100

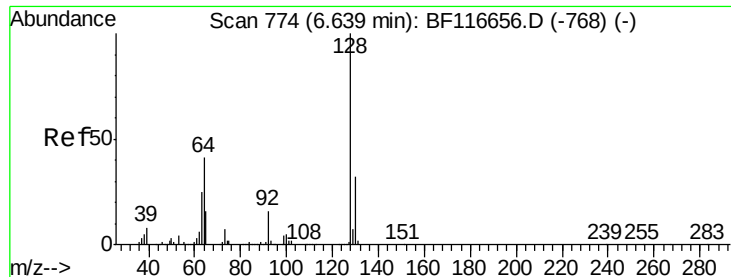
42 15.4 13.7 20.5

71 35.6 30.8 46.2



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: 0.031 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116675.D

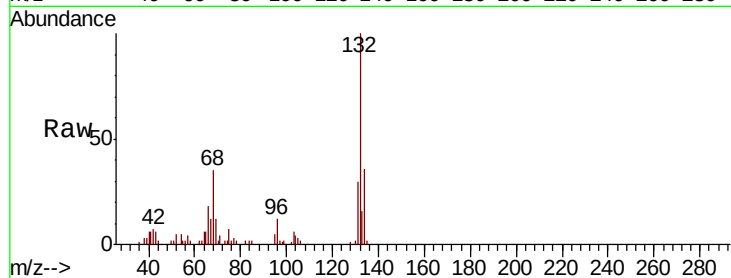
Acq: 31 Aug 2019 2:52

Instrument :

BNA_F

ClientSampleId :

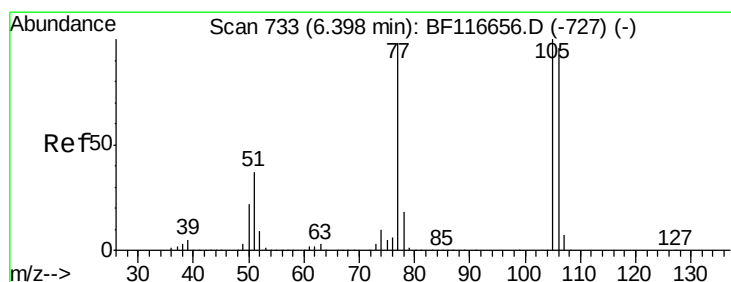
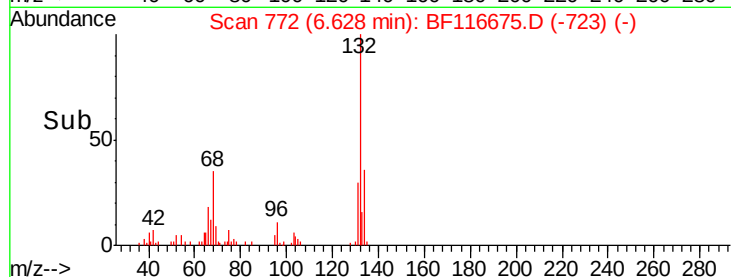
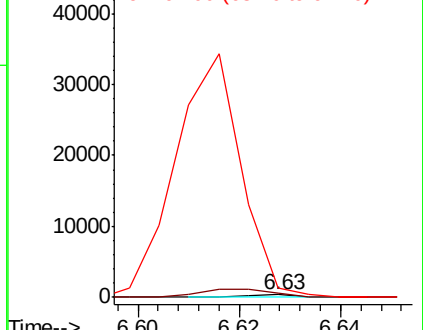
Tot Ion:	128	Resp:	225
Ion	Ratio	Lower	Upper
128	100		
130	156.8	12.3	52.3#
64	380.7	22.5	62.5#



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: 0.122 ng

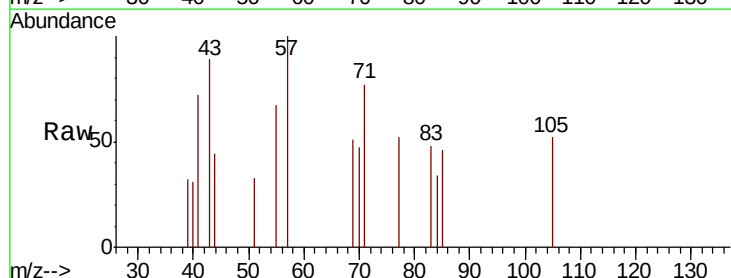
RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

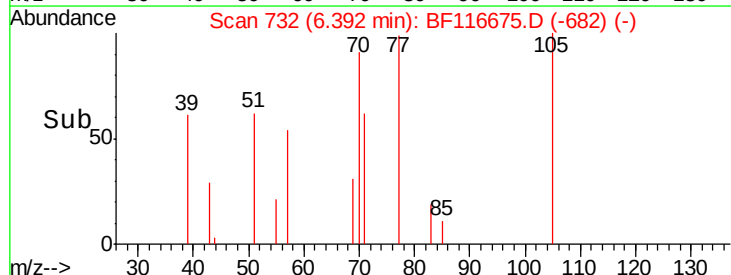
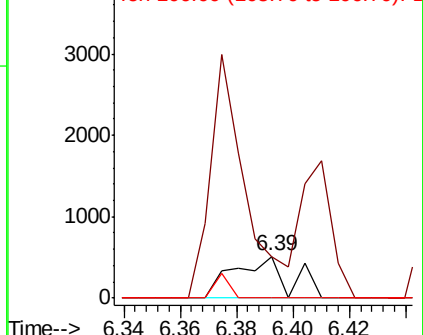
Tgt Ion:	77	Resp:	695
Ion	Ratio	Lower	Upper
77	100		
105	101.0	76.7	116.7
106	0.0	73.1	113.1#

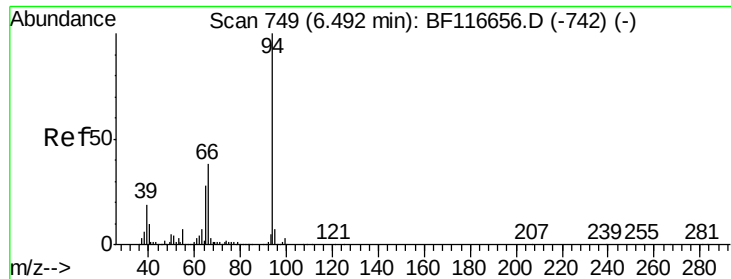


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 4.089 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

Instrument :

BNA_F

ClientSampleId :

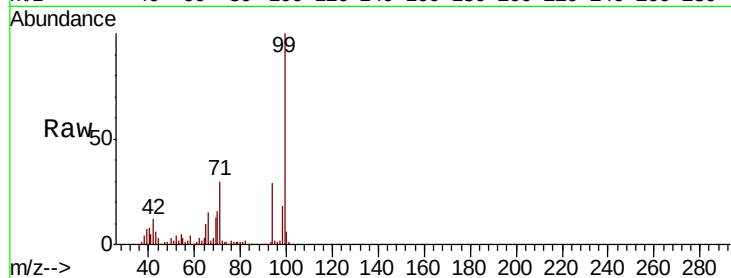
Tot Ion: 94 Resp: 39152

Ion Ratio Lower Upper

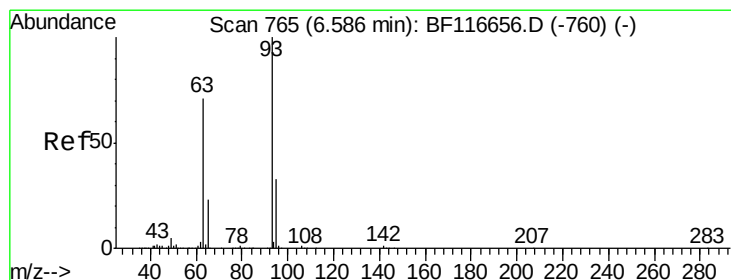
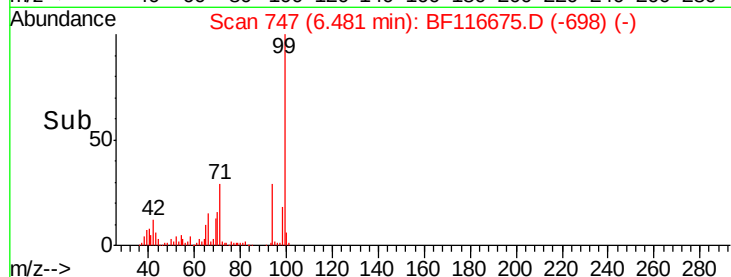
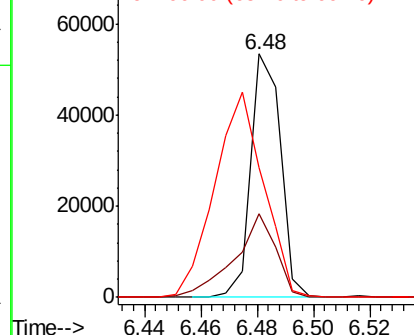
94 100

65 34.3 10.8 50.8

66 53.1 21.1 61.1



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: 0.144 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.03 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

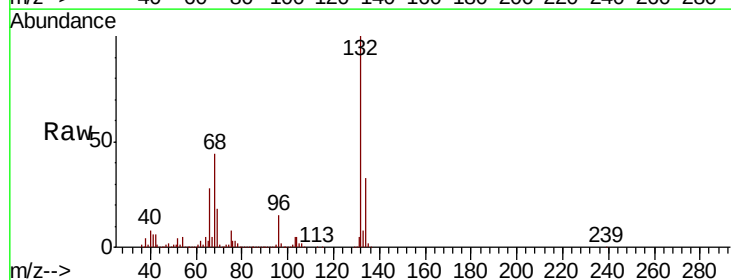
Tgt Ion: 93 Resp: 1076

Ion Ratio Lower Upper

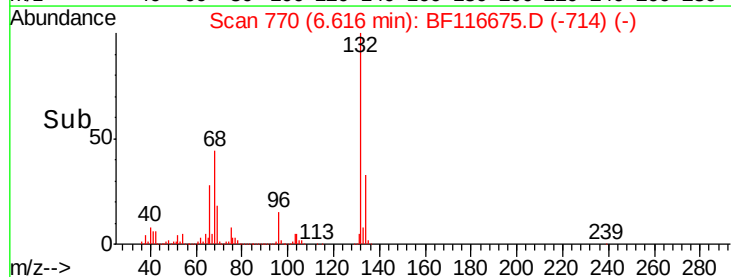
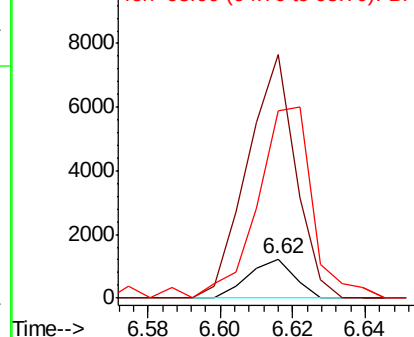
93 100

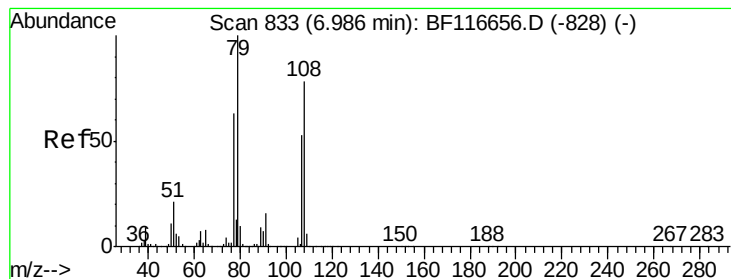
63 622.7 49.9 89.9#

95 479.1 12.7 52.7#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1





#15

Benzyl Alcohol

Concen: 1.308 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.02 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

Instrument :

BNA_F

ClientSampleId :

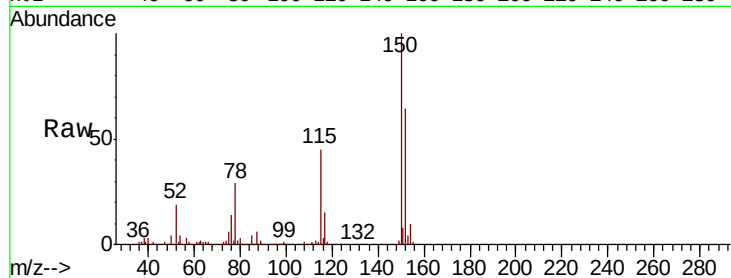
Tot Ion: 79 Resp: 9183

Ion Ratio Lower Upper

79 100

108 27.7 59.2 88.8#

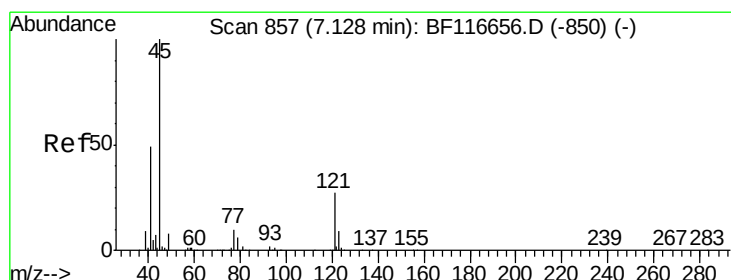
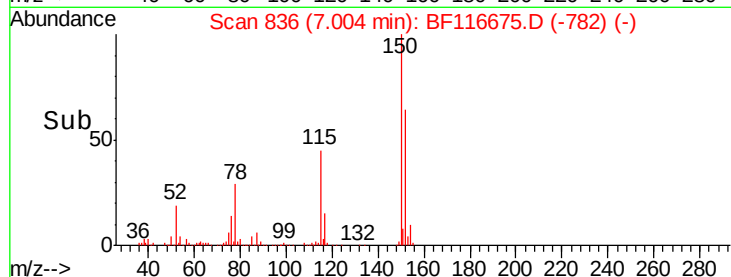
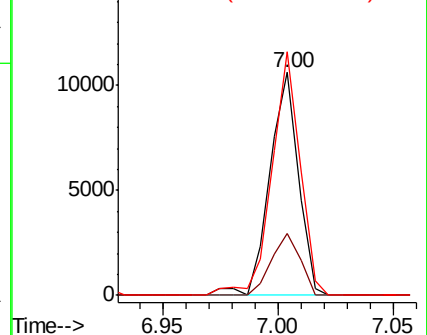
77 109.4 53.0 79.4#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.014 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.13 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

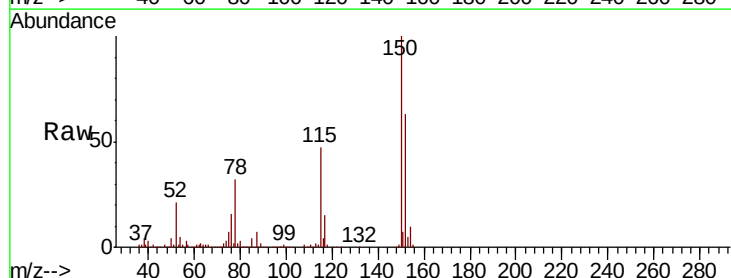
Tgt Ion: 45 Resp: 119

Ion Ratio Lower Upper

45 100

77 2061.3 0.0 38.2#

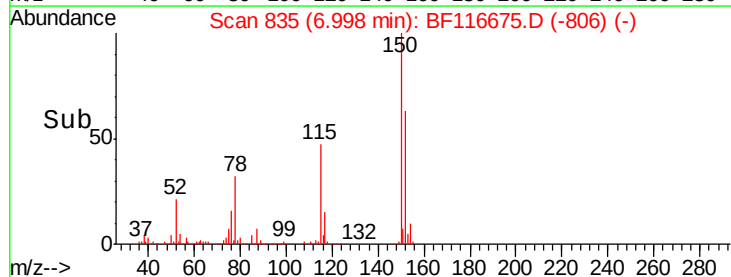
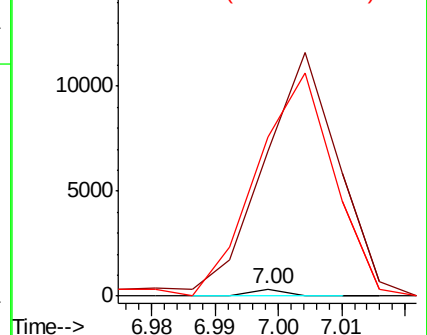
79 2255.7 0.0 33.9#

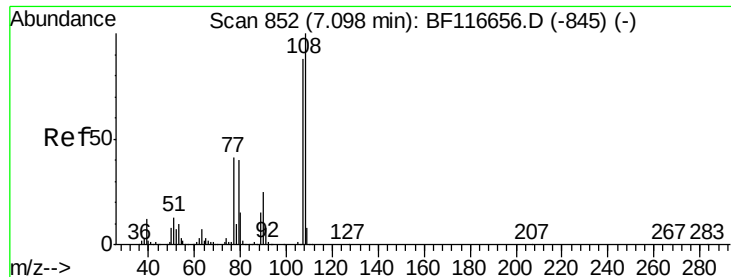


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

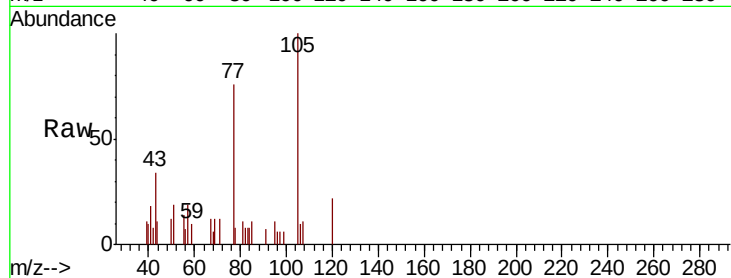




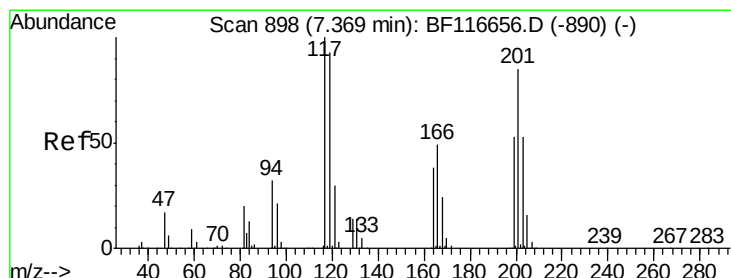
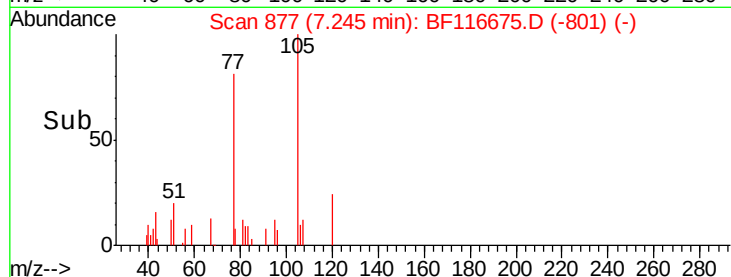
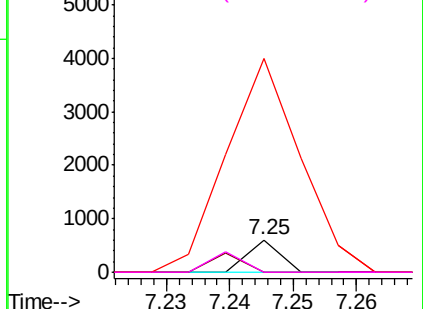
#17
2-Methylphenol
Concen: 0.034 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.15 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	212
Ion	Ratio	Lower	Upper
107	100		
108	0.0	88.3	132.5#
77	664.7	39.9	59.9#
79	0.0	39.8	59.8#

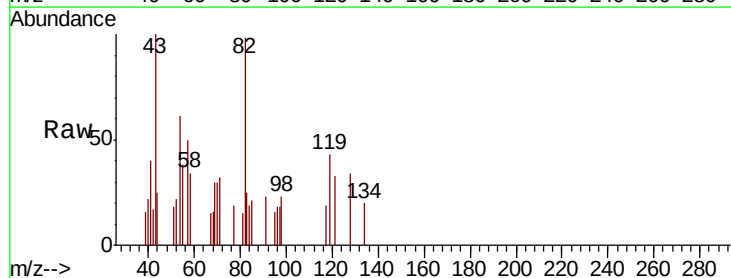


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

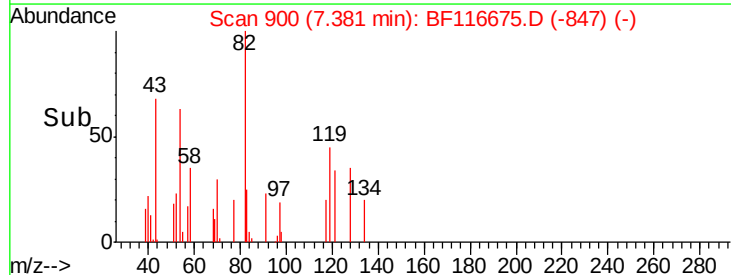
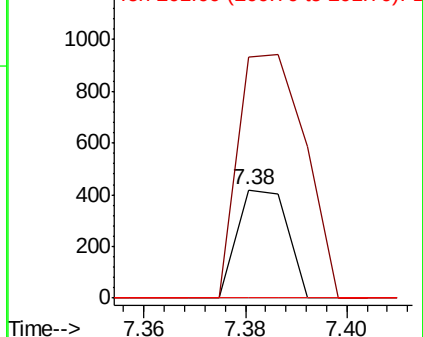


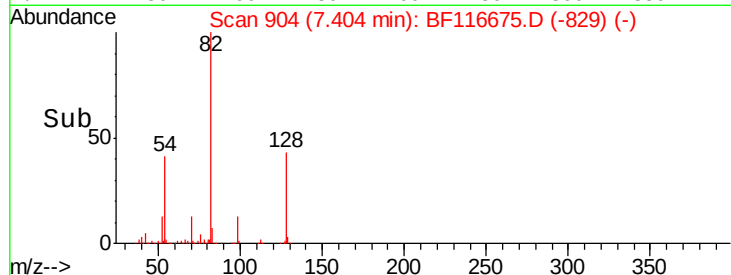
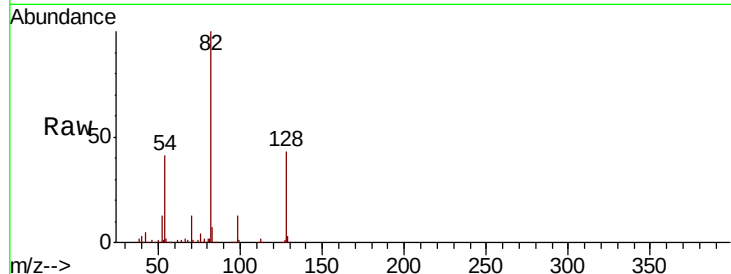
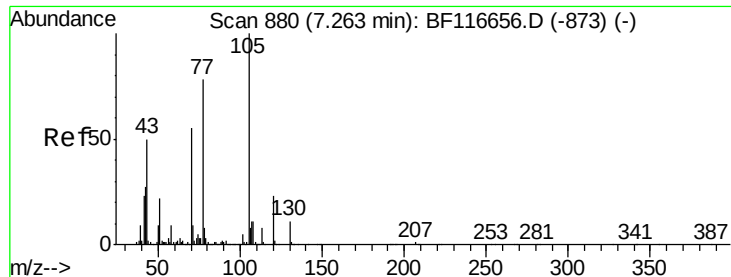
#18
Hexachloroethane
Concen: 0.092 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Tgt Ion:	117	Resp:	290
Ion	Ratio	Lower	Upper
117	100		
119	223.2	76.9	115.3#
201	0.0	79.4	119.0#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

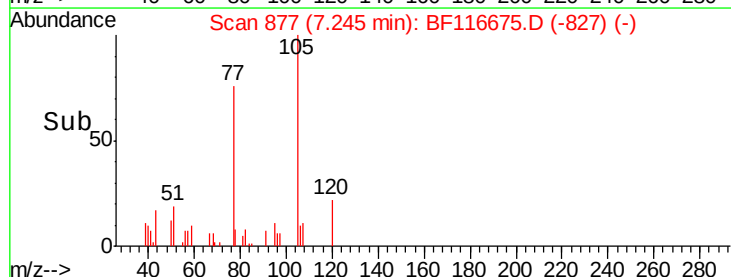
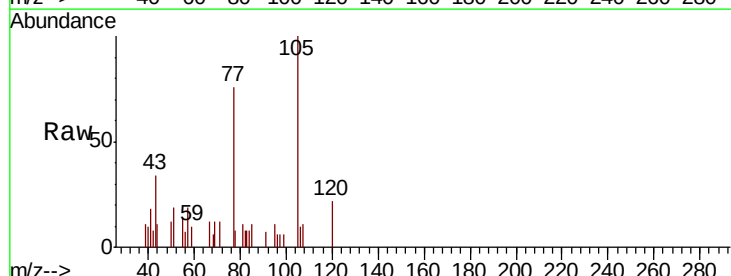
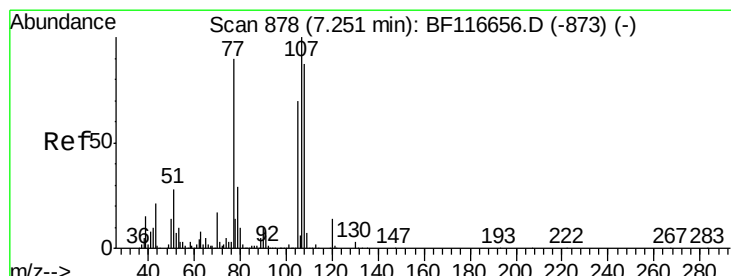
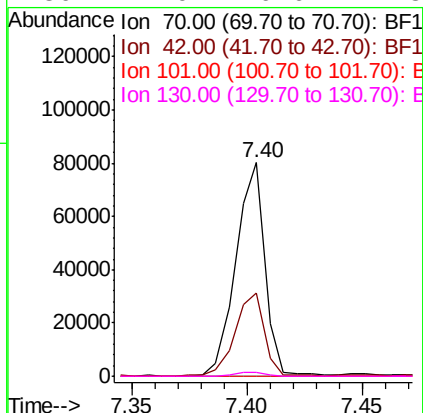




#19
n-Nitroso-di-n-propylamine
Concen: 12.407 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

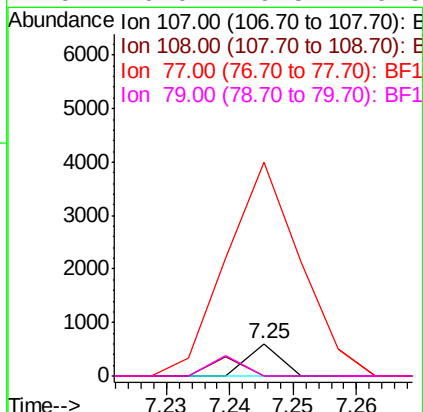
Instrument :
BNA_F
ClientSampleId :

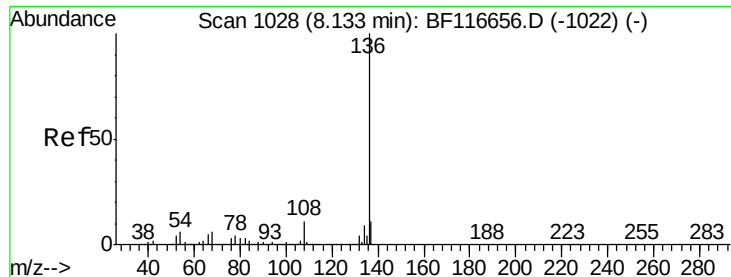
Tot Ion:	70	Resp:	70633
Ion	Ratio	Lower	Upper
70	100		
42	38.9	43.5	65.3#
101	0.0	7.8	11.6#
130	2.0	16.6	24.8#



#20
3+4-Methylphenols
Concen: 0.029 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Tgt Ion:	107	Resp:	212
Ion	Ratio	Lower	Upper
107	100		
108	0.0	65.5	105.5#
77	664.7	69.4	109.4#
79	0.0	9.5	49.5#

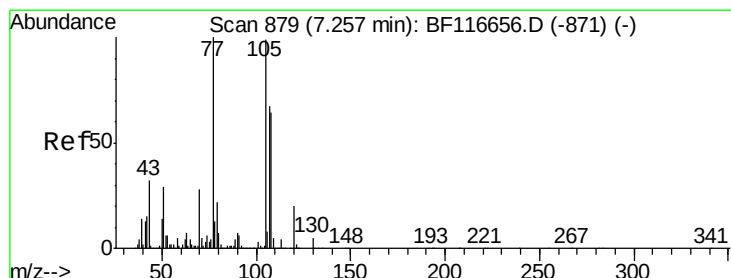
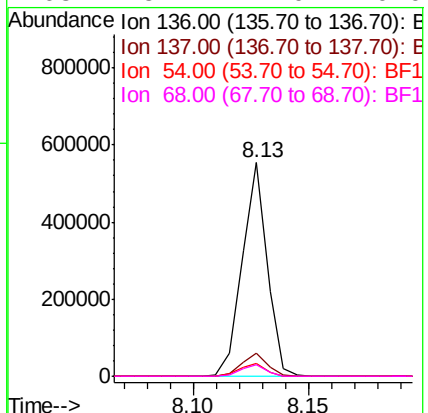
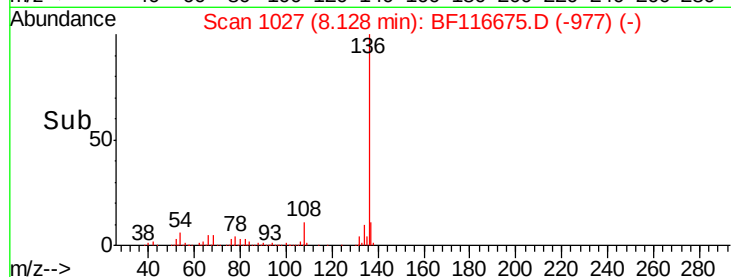
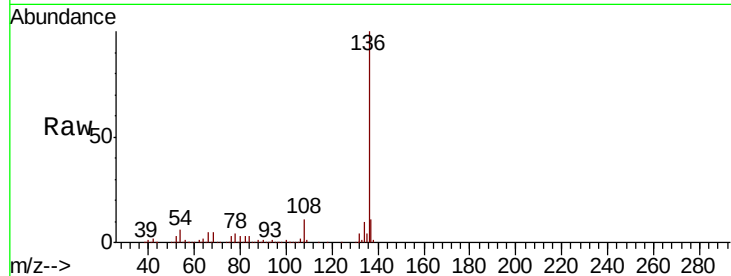




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

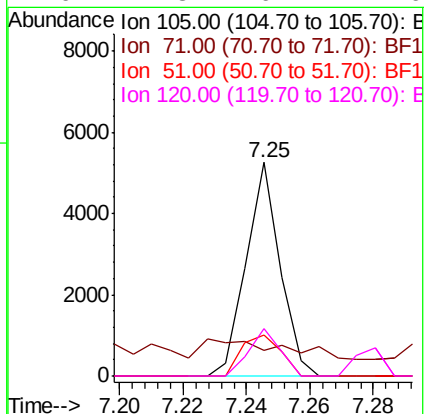
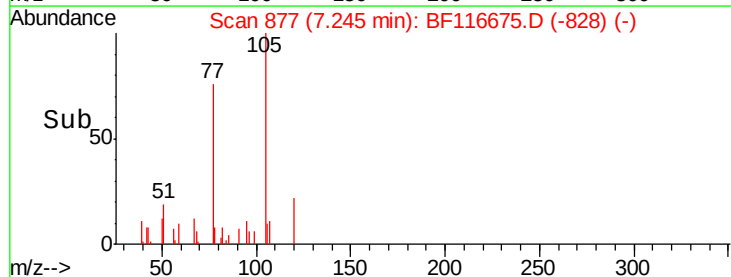
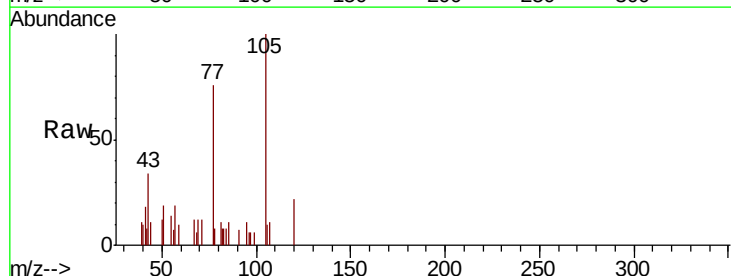
Instrument :
BNA_F
ClientSampleId :

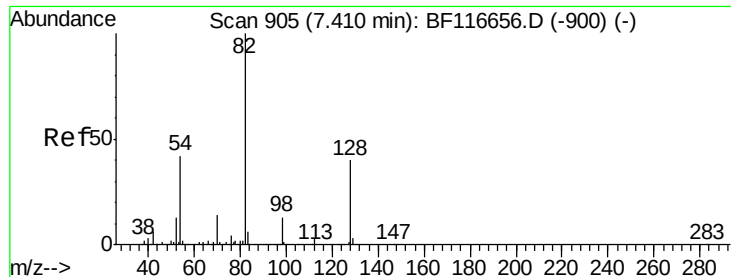
Tot Ion:136	Resp:	420335
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	6.1	4.8 7.2
68	5.4	4.0 6.0



#22
Acetophenone
Concen: 0.384 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Tgt Ion:105	Resp:	3886
Ion Ratio	Lower	Upper
105	100	
71	12.1	4.2 6.4#
51	18.9	25.8 38.8#
120	22.3	16.4 24.6





#23

Nitrobenzene-d5

Concen: 70.289 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

Instrument :

BNA_F

ClientSampleId :

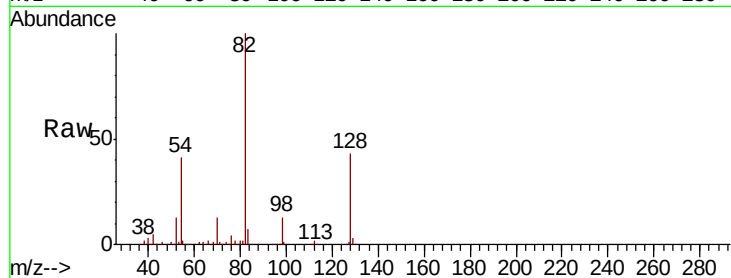
Tot Ion: 82 Resp: 517542

Ion Ratio Lower Upper

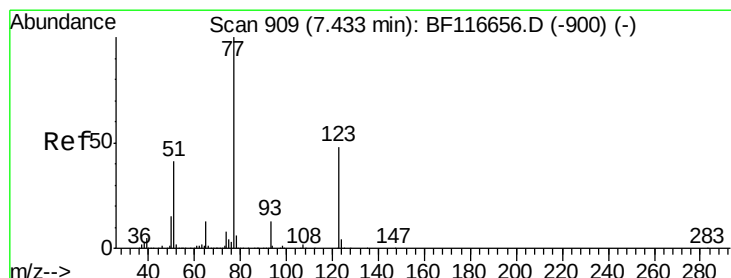
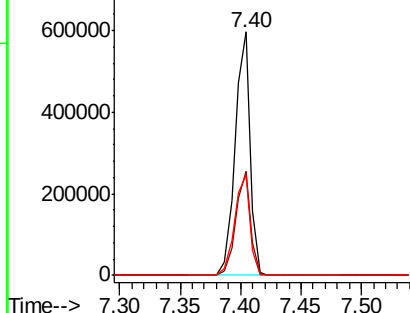
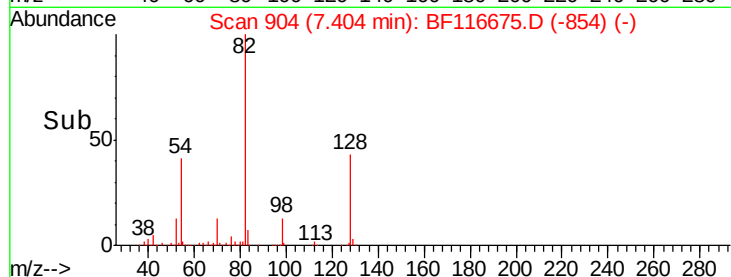
82 100

128 42.9 32.8 49.2

54 41.3 36.9 55.3



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



#24

Nitrobenzene

Concen: 0.259 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.03 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

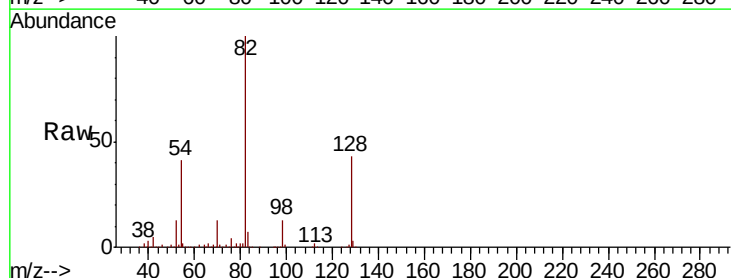
Tgt Ion: 77 Resp: 1943

Ion Ratio Lower Upper

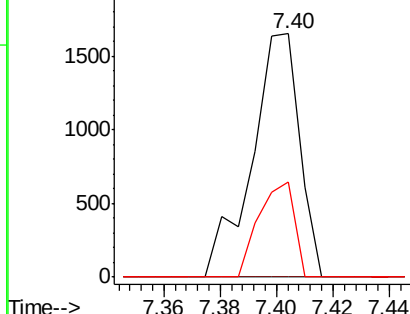
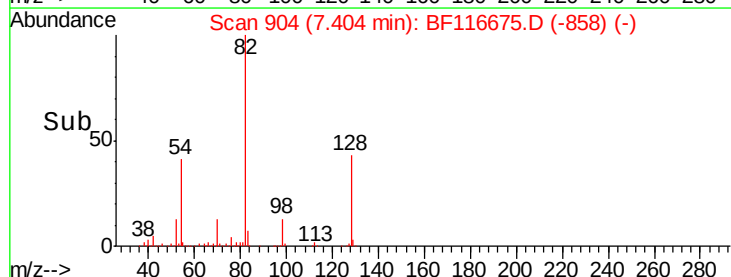
77 100

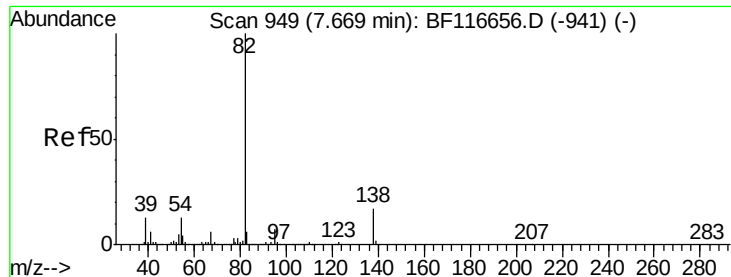
123 0.0 33.1 49.7#

65 39.0 10.6 15.8#



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





#25

Isophorone

Concen: 34.670 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.26 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

Instrument :

BNA_F

ClientSampleId :

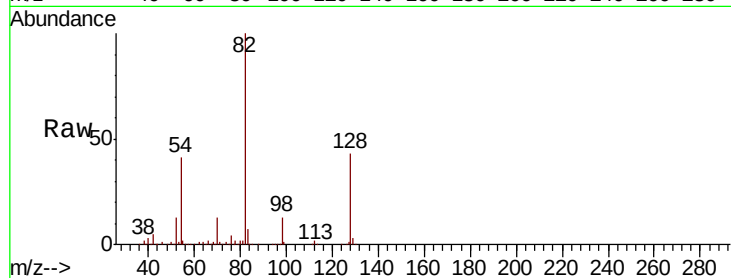
Tot Ion: 82 Resp: 517282

Ion Ratio Lower Upper

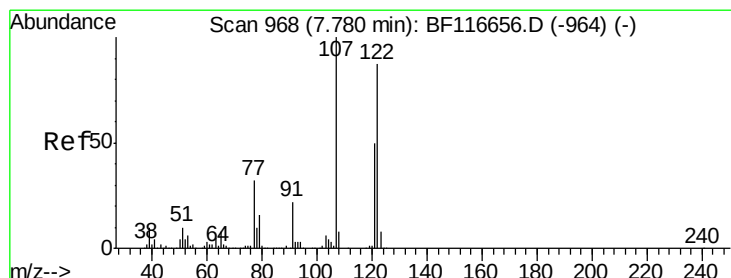
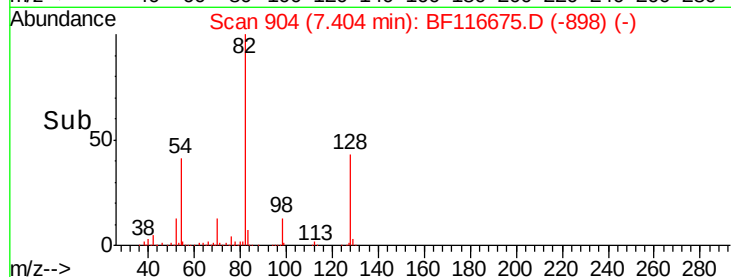
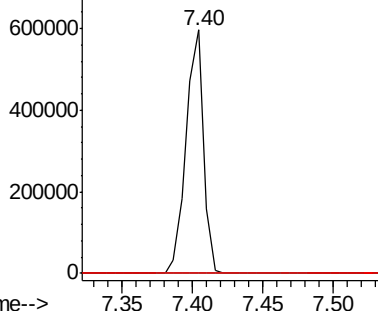
82 100

95 0.1 5.8 8.6#

138 0.0 13.5 20.3#



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



#27

2,4-Dimethylphenol

Concen: 0.022 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

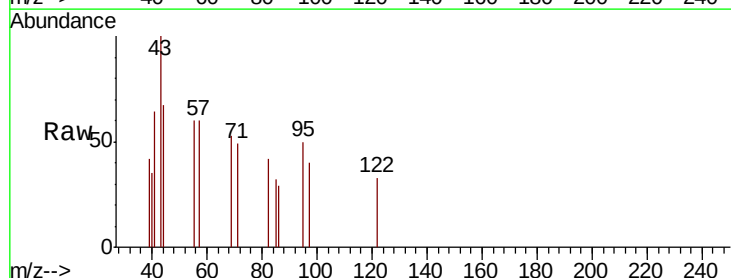
Tgt Ion: 122 Resp: 125

Ion Ratio Lower Upper

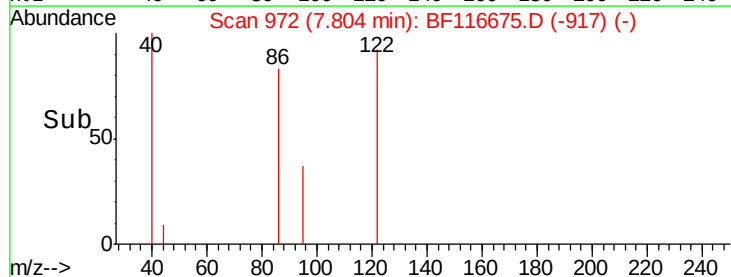
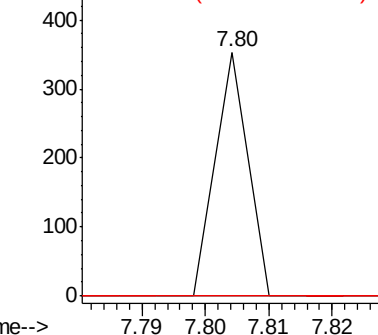
122 100

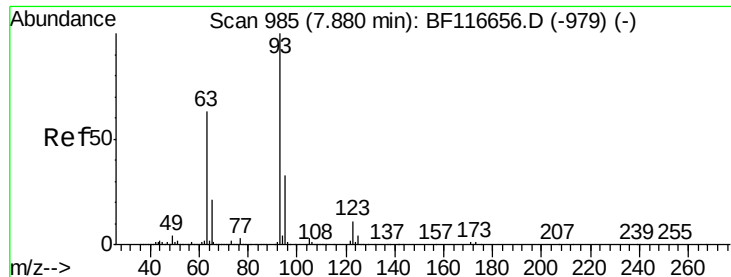
107 0.0 98.1 147.1#

121 0.0 47.3 70.9#



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

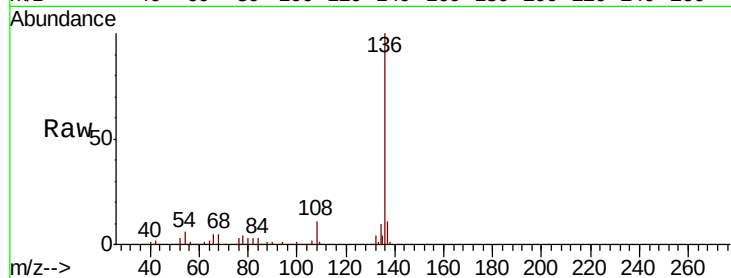




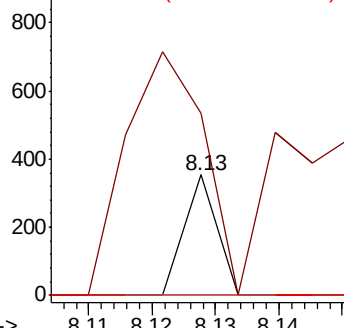
#28
bis(2-Chloroethoxy)methane
Concen: 0.014 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.25 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Instrument :
BNA_F
ClientSampleId :

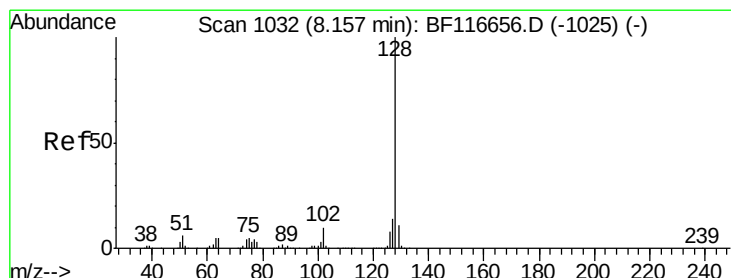
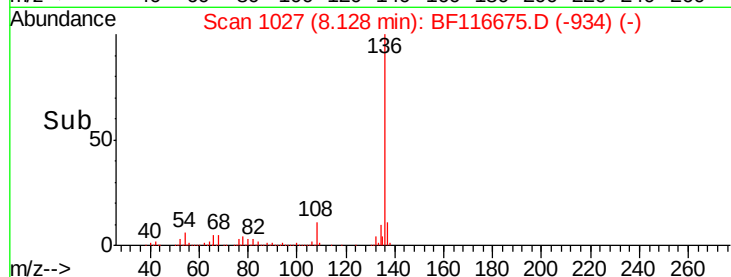
Tot Ion	Ratio	Lower	Upper
93	100		
95	150.6	26.4	39.6#
123	0.0	9.8	14.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): BF1

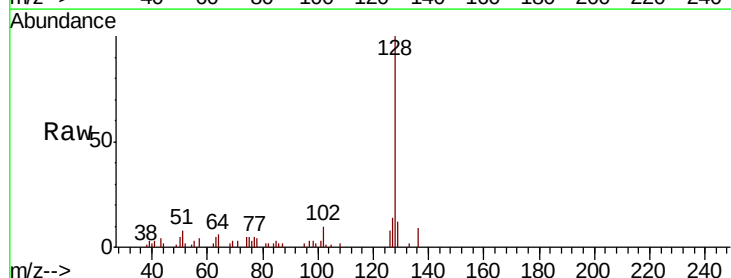


Time-->

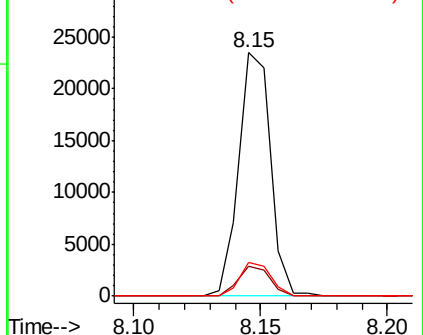


#31
Naphthalene
Concen: 1.025 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

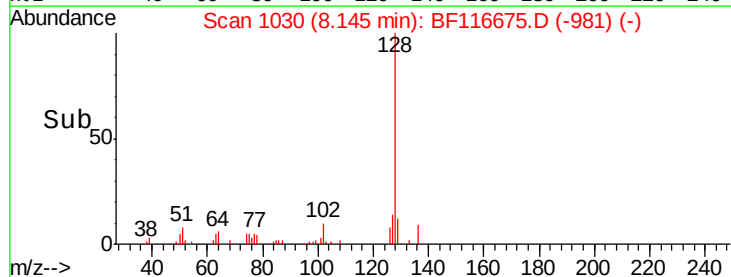
Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.6	13.0
127	14.0	10.4	15.6

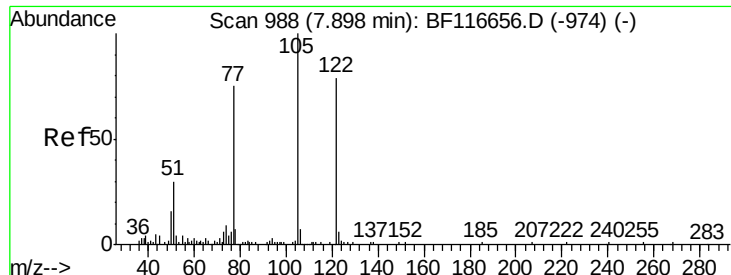


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->

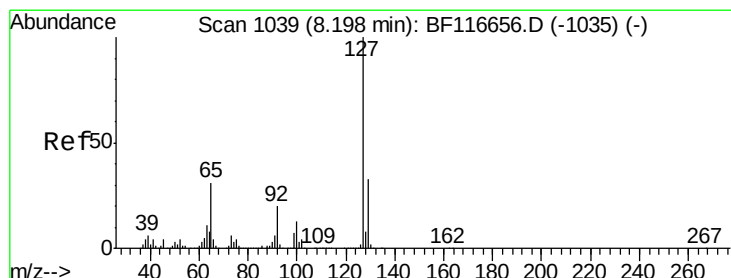
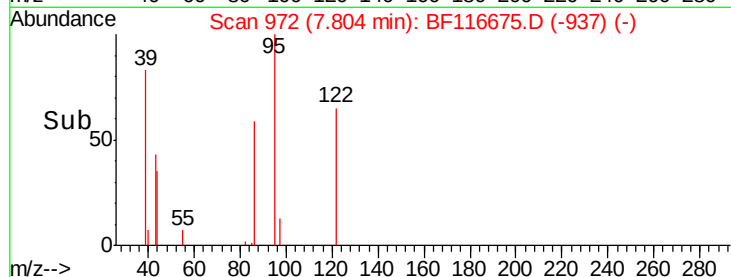
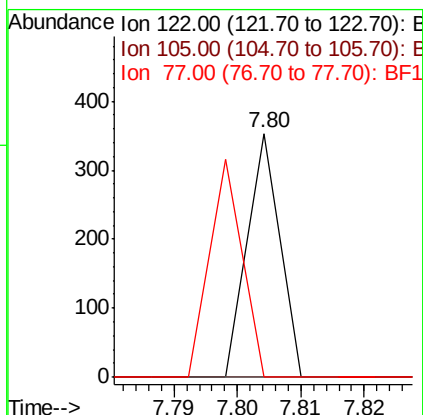
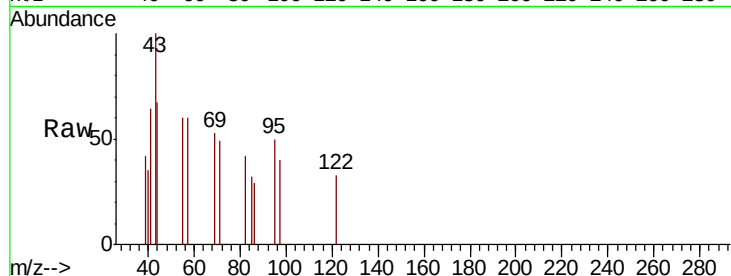




#32
Benzoic acid
Concen: 0.039 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.09 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

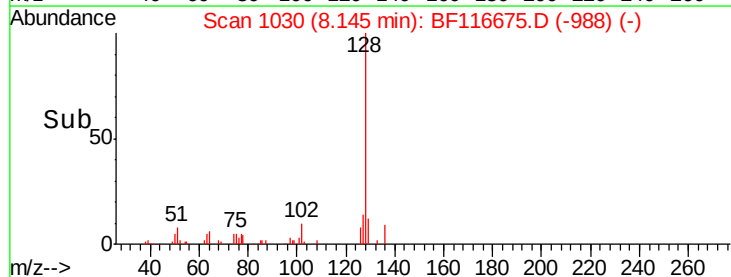
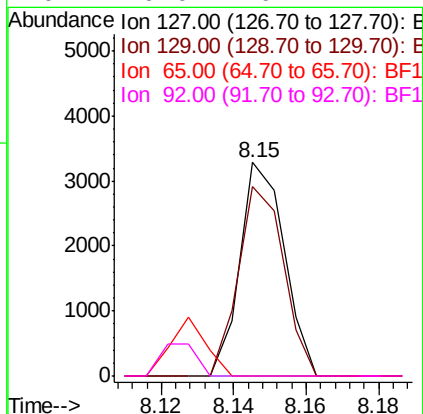
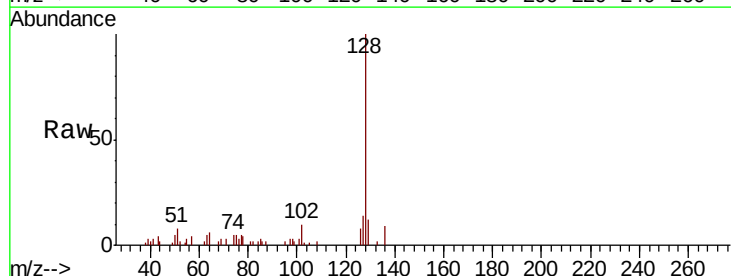
Instrument :
BNA_F
ClientSampleId :

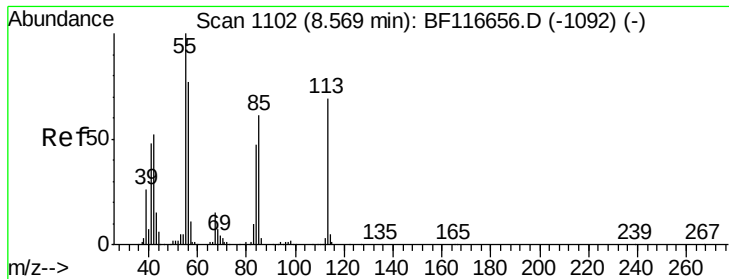
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	110.0	150.0#
77	0.0	81.7	121.7#



#33
4-Chloroaniline
Concen: 0.306 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Tgt Ion	Ratio	Lower	Upper
127	100		
129	88.8	26.2	39.2#
65	0.0	26.0	39.0#
92	0.0	16.1	24.1#

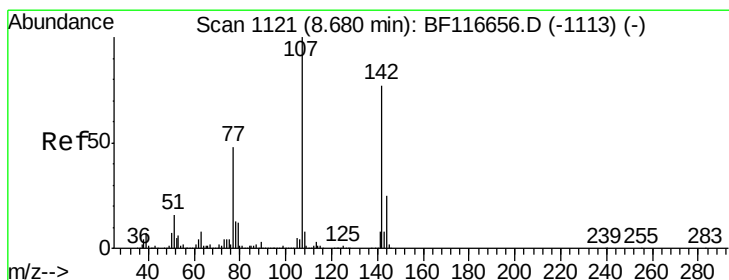
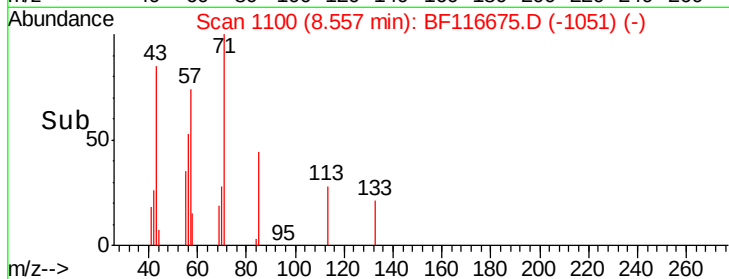
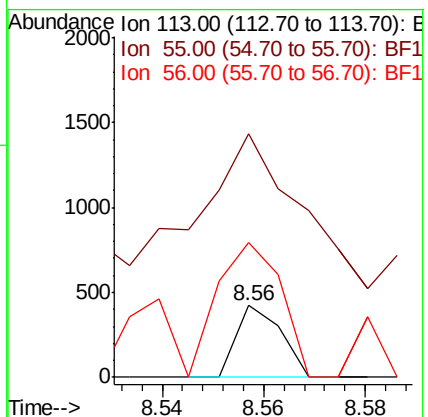
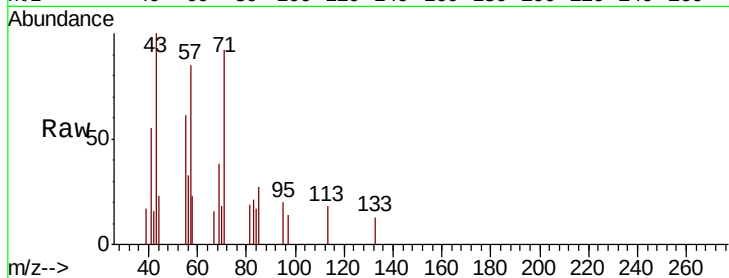




#35
Caprolactam
Concen: 0.126 ng
RT: 8.56 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

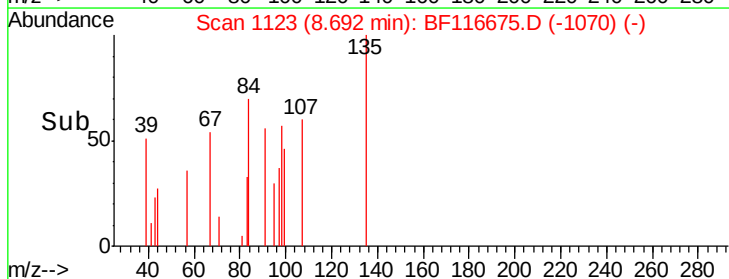
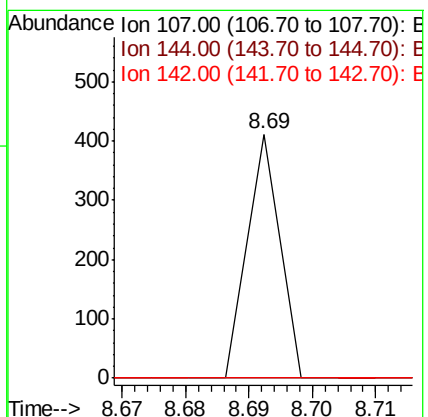
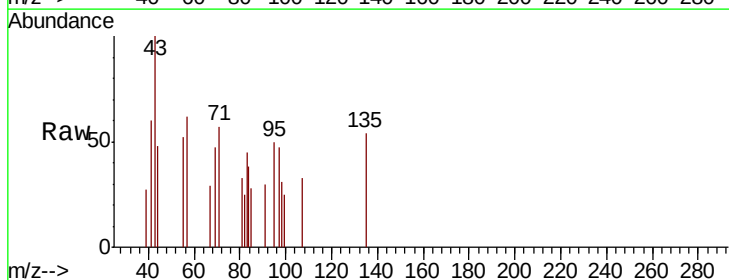
Instrument :
BNA_F
ClientSampleId :

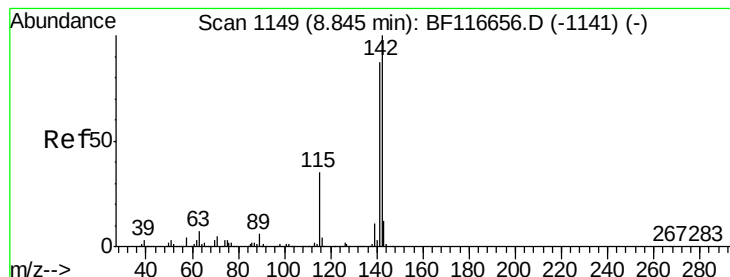
Tot Ion:113 Resp: 255
Ion Ratio Lower Upper
113 100
55 340.6 124.3 164.3#
56 188.4 94.6 134.6#



#36
4-Chloro-3-methylphenol
Concen: 0.023 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Tgt Ion:107 Resp: 145
Ion Ratio Lower Upper
107 100
144 0.0 18.6 27.8#
142 0.0 58.5 87.7#





#37

2-Methylnaphthalene

Concen: 0.721 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

Instrument :

BNA_F

ClientSampleId :

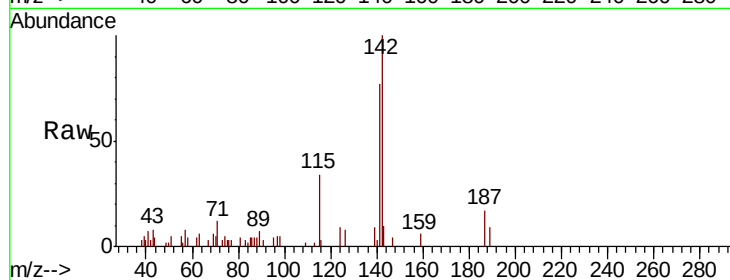
Tot Ion:142 Resp: 9591

Ion Ratio Lower Upper

142 100

141 77.1 72.6 109.0

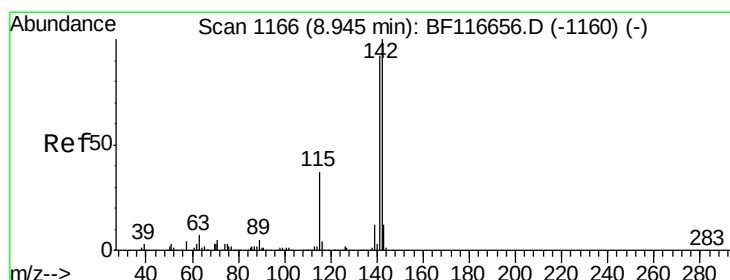
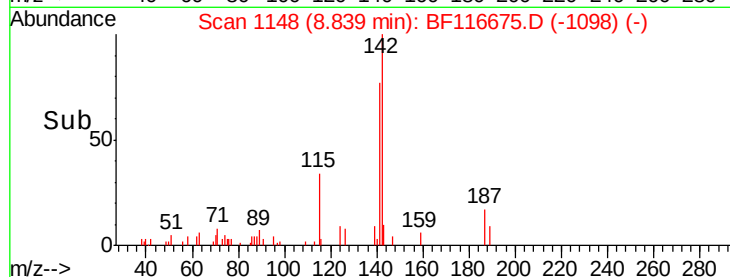
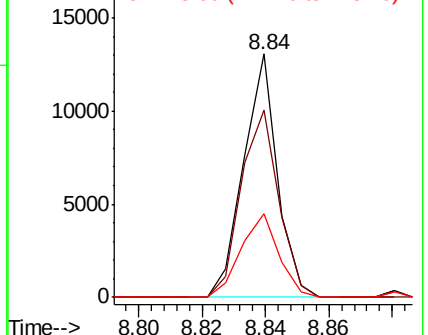
115 34.4 29.8 44.6



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: 0.764 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.11 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

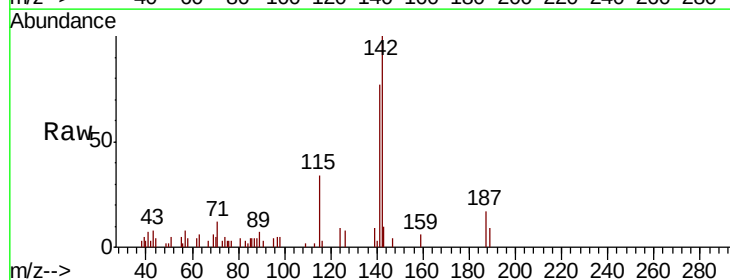
Tgt Ion:142 Resp: 9591

Ion Ratio Lower Upper

142 100

141 77.1 73.9 110.9

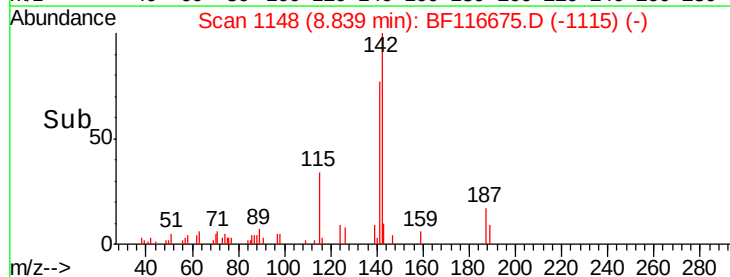
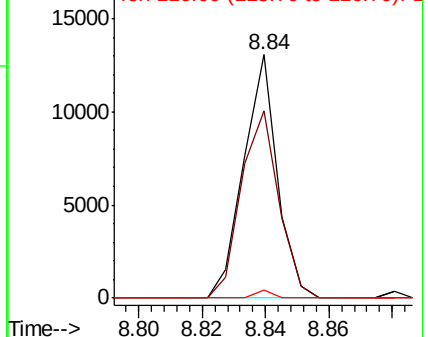
116 3.3 3.0 4.6

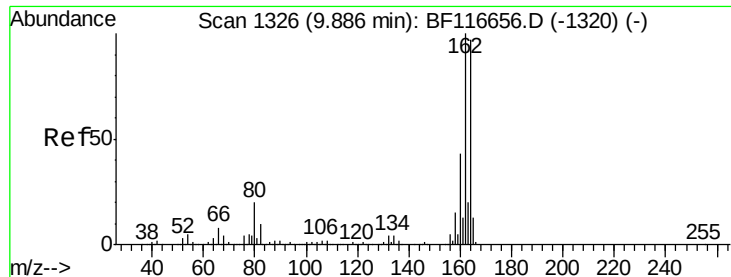


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

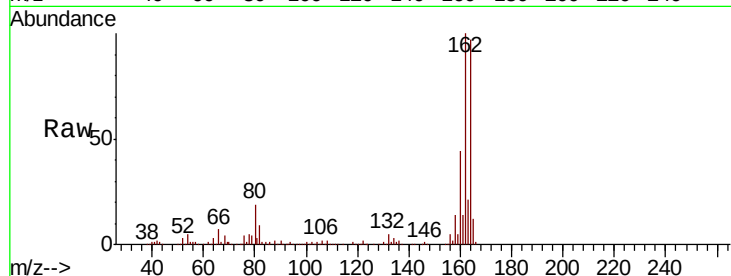




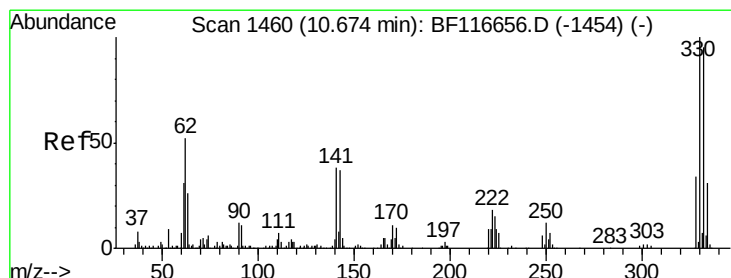
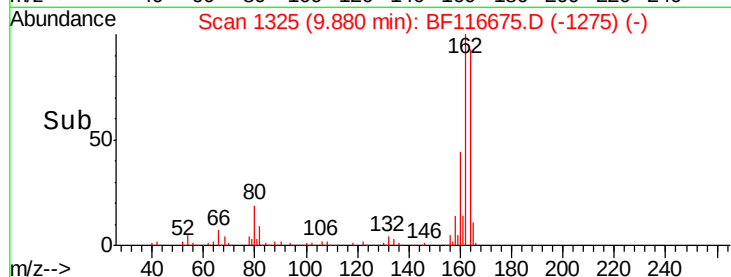
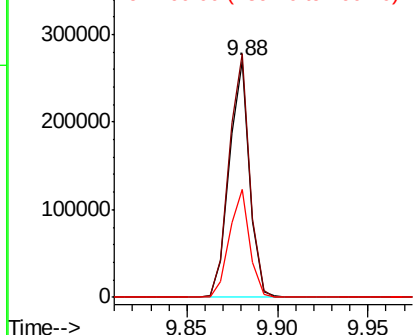
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.4	122.0
160	45.4	35.4	53.2

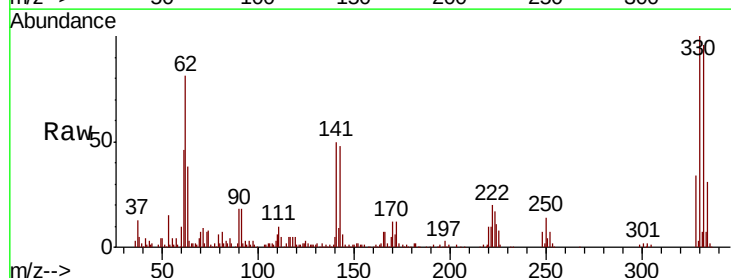


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

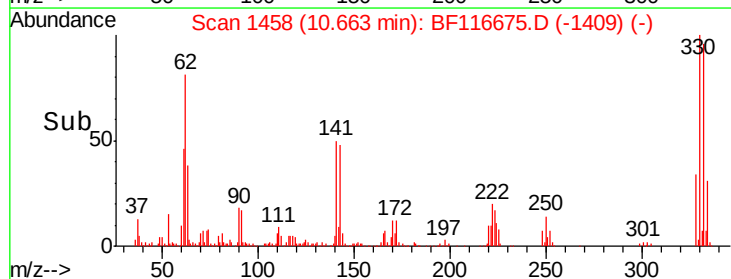
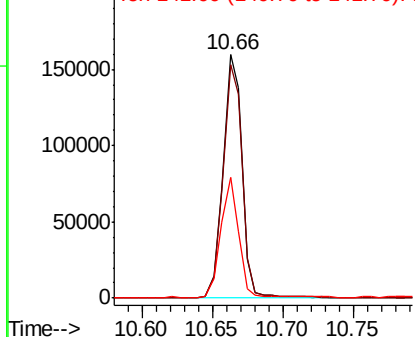


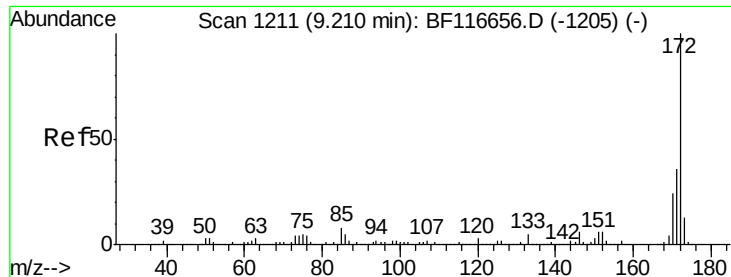
#42
2,4,6-Tribromophenol
Concen: 105.867 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.9	115.3
141	45.9	31.4	47.2



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

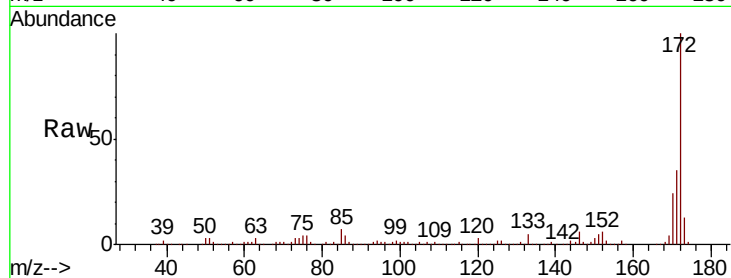




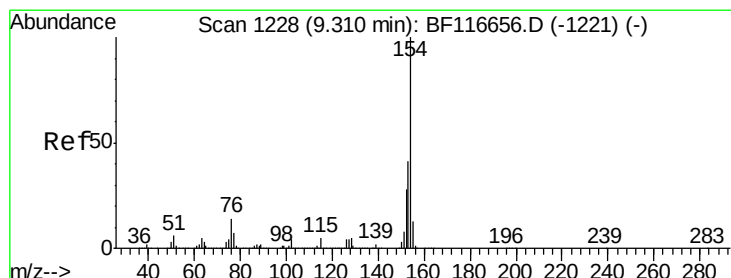
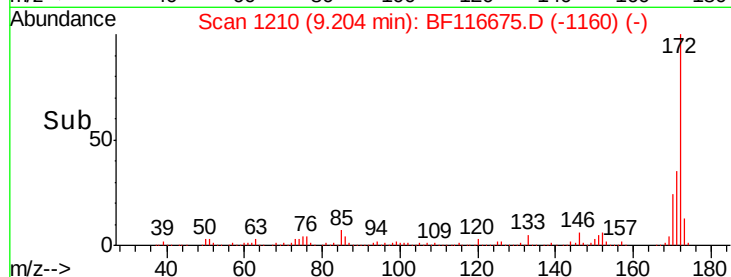
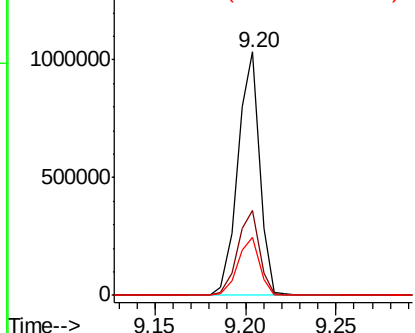
#45
2-Fluorobiphenyl
Concen: 68.898 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.7	18.9	28.3

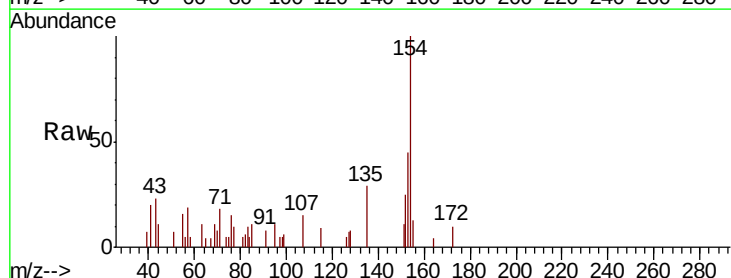


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

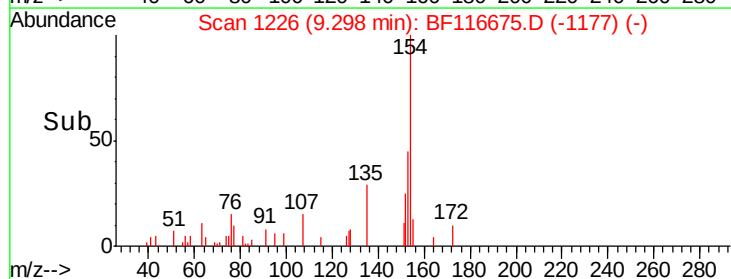
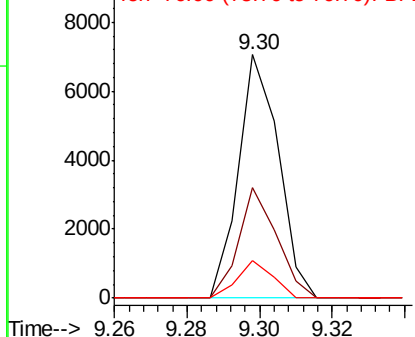


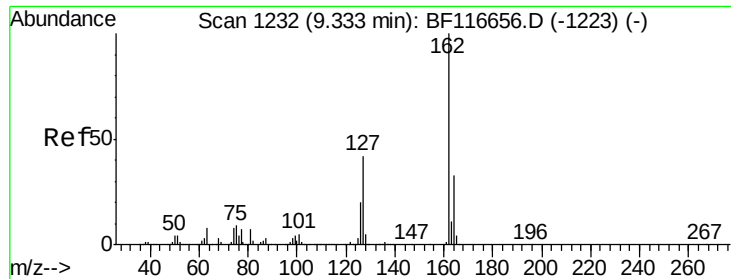
#46
1,1'-Biphenyl
Concen: 0.337 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.5	21.2	61.2
76	15.2	0.0	30.9



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

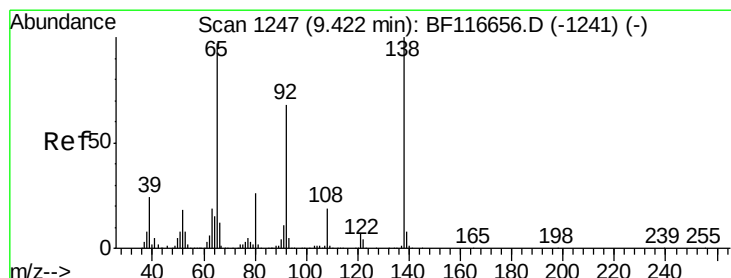
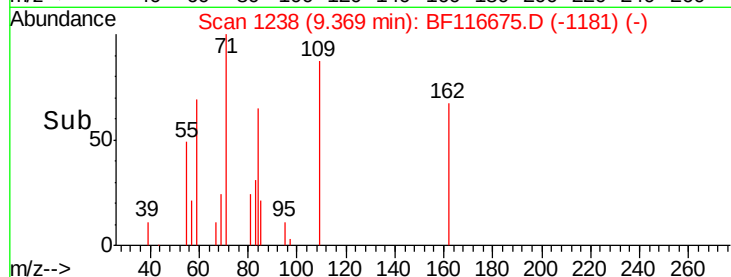
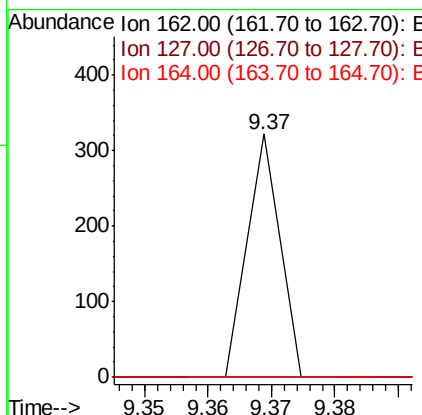
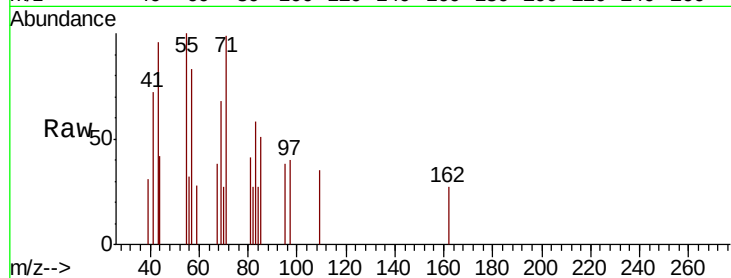




#47
2-Chloronaphthalene
Concen: 0.009 ng
RT: 9.37 min Scan# 1238
Delta R.T. 0.04 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

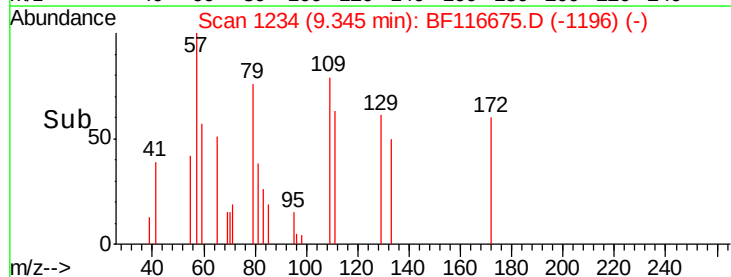
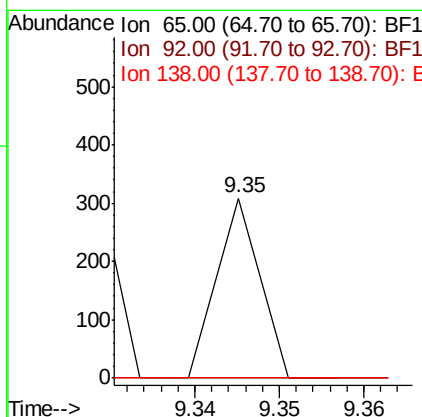
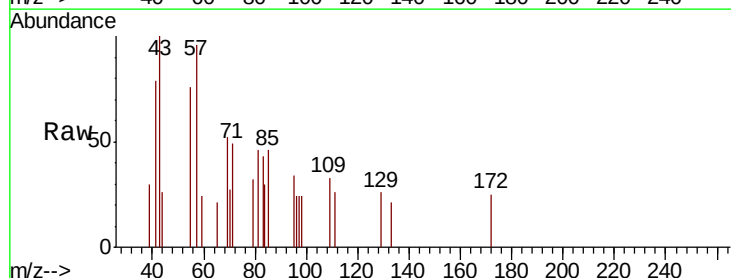
Instrument :
BNA_F
ClientSampleId :

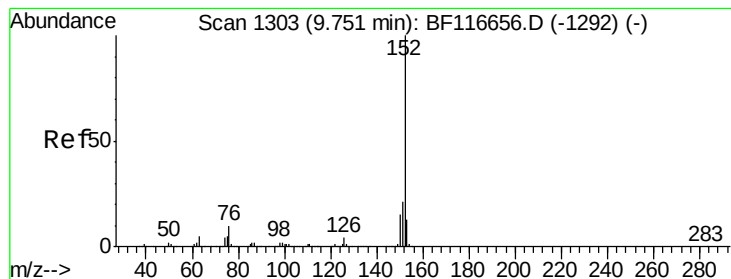
Tot Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.4	50.2#
164	0.0	26.6	39.8#



#48
2-Nitroaniline
Concen: 0.030 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.08 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	0.0	57.1	85.7#
138	0.0	88.2	132.2#





#49

Acenaphthylene

Concen: 0.233 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

Instrument :

BNA_F

ClientSampleId :

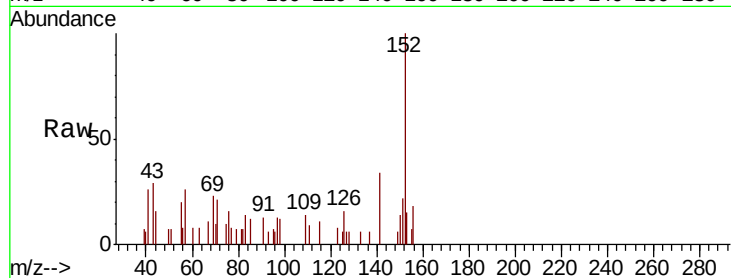
Tot Ion:152 Resp: 4465

Ion Ratio Lower Upper

152 100

151 21.6 15.9 23.9

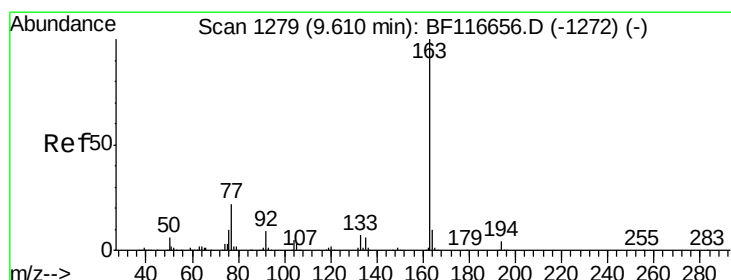
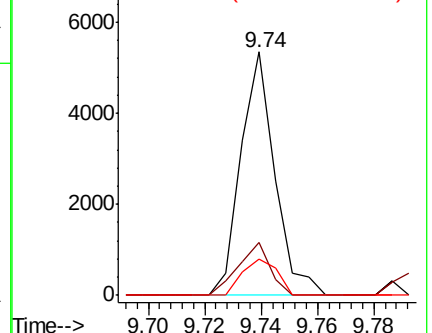
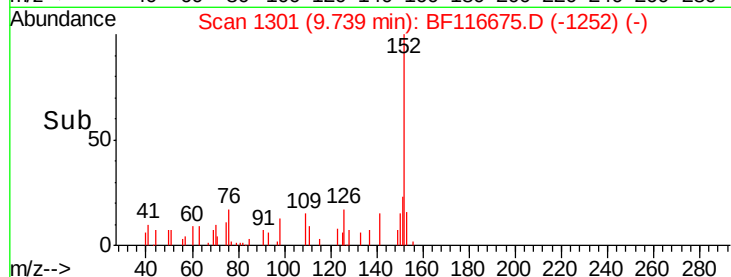
153 15.1 10.9 16.3



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: 8.442 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

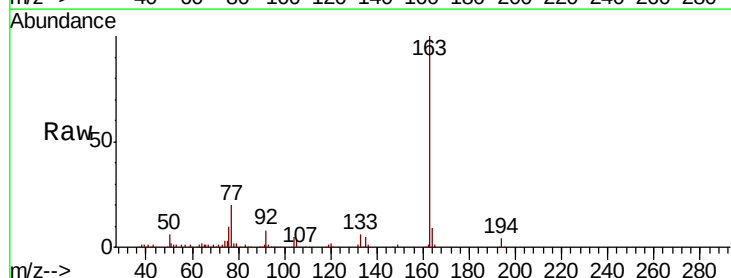
Tgt Ion:163 Resp: 123103

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

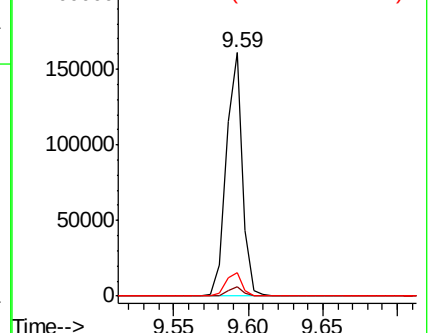
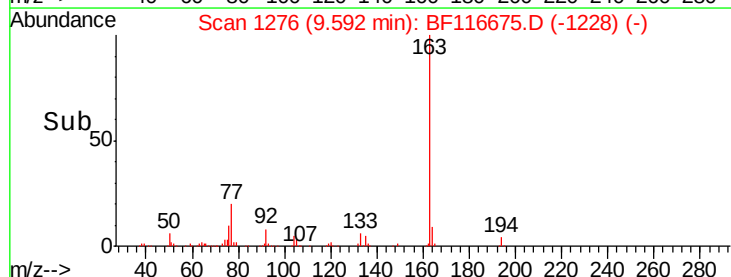
164 9.4 8.6 12.8

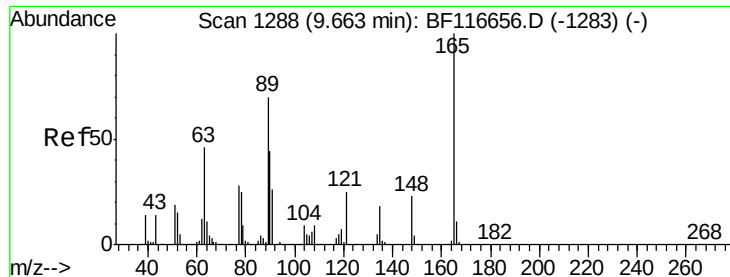


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

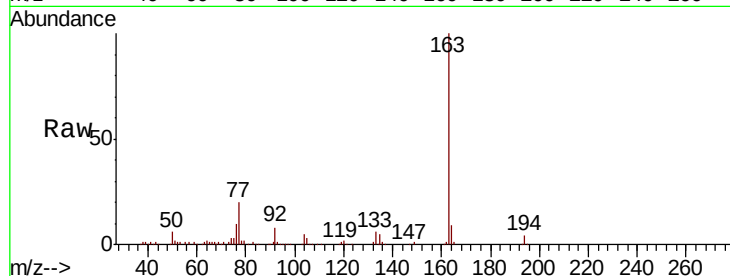




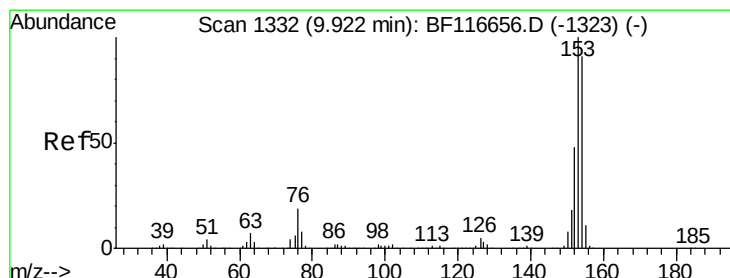
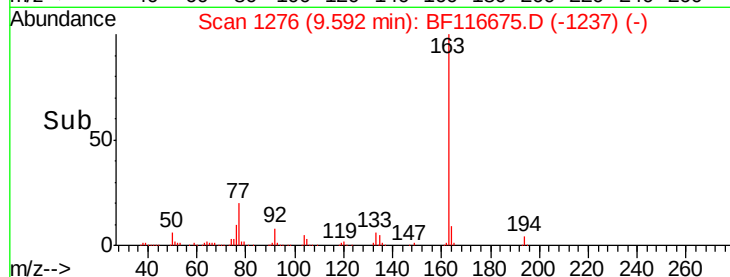
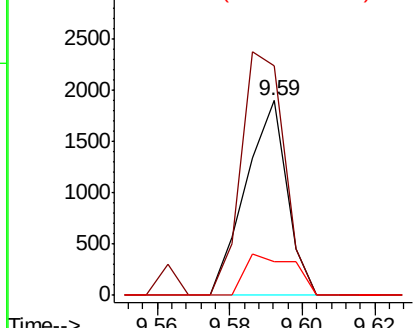
#51
 2,6-Dinitrotoluene
 Concen: 0.540 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.07 min
 Lab File: BF116675.D
 Acq: 31 Aug 2019 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 1502
 Ion Ratio Lower Upper
 165 100
 63 118.1 47.3 70.9#
 89 17.0 52.5 78.7#

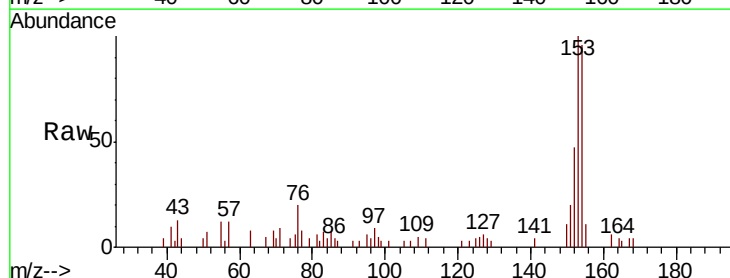


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

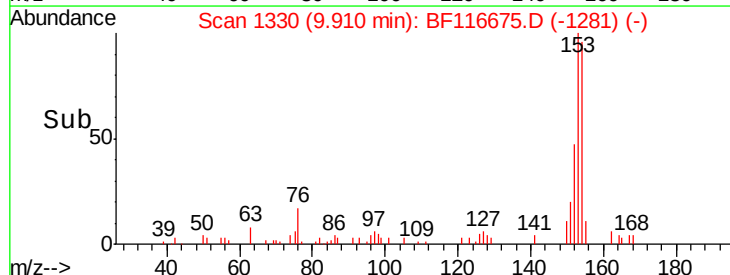
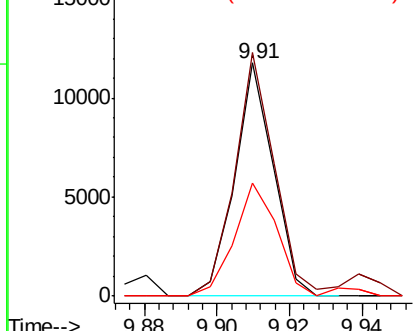


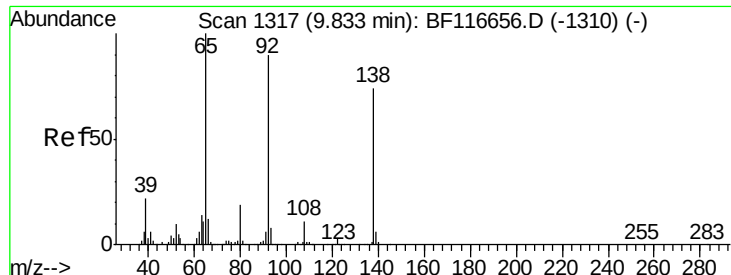
#52
 Acenaphthene
 Concen: 0.739 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF116675.D
 Acq: 31 Aug 2019 2:52

Tgt Ion:154 Resp: 8713
 Ion Ratio Lower Upper
 154 100
 153 104.4 89.5 134.3
 152 48.6 41.9 62.9



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

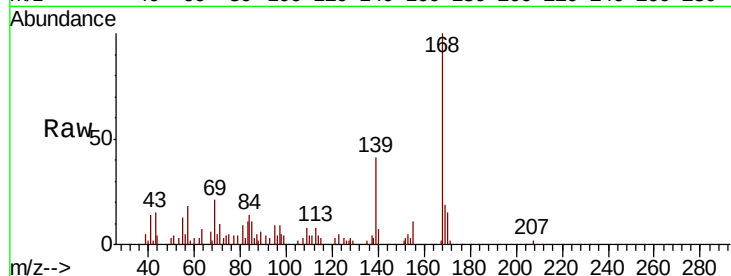




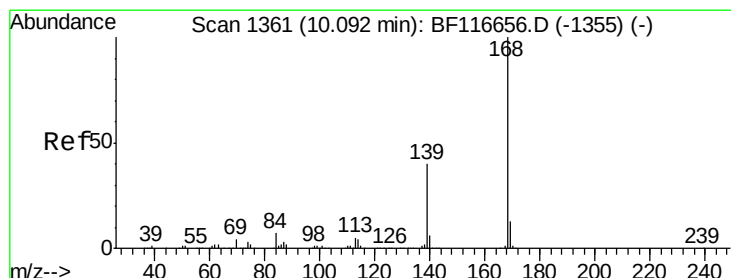
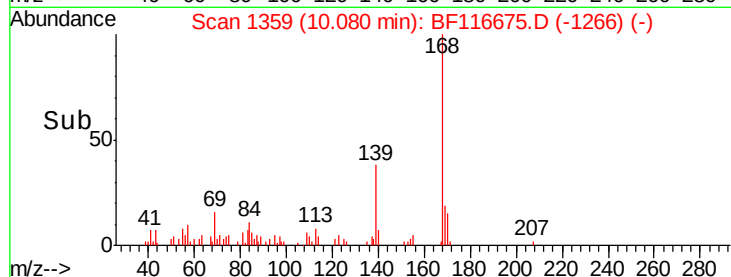
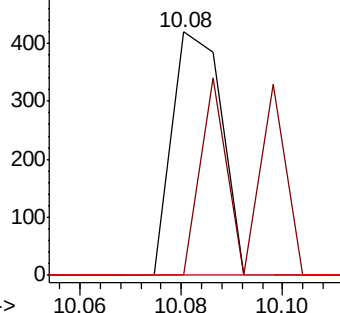
#53
3-Nitroaniline
Concen: 0.081 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.25 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 284
Ion Ratio Lower Upper
138 100
108 0.0 8.5 12.7#
92 0.0 87.2 130.8#

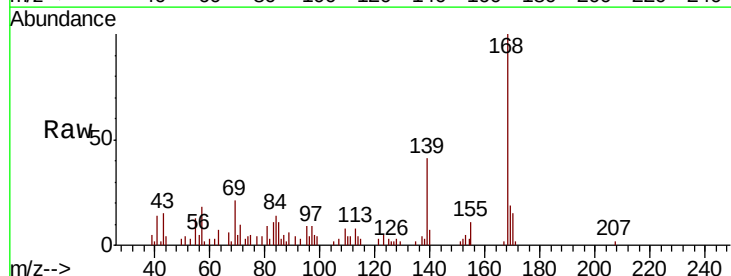


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

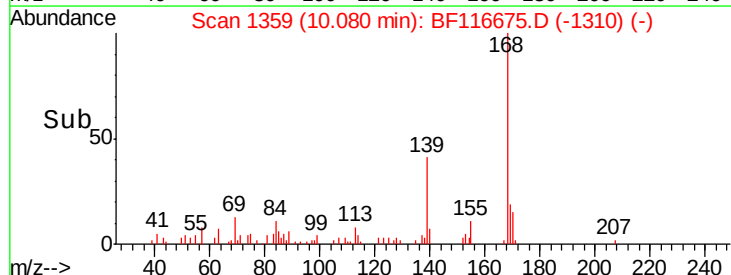
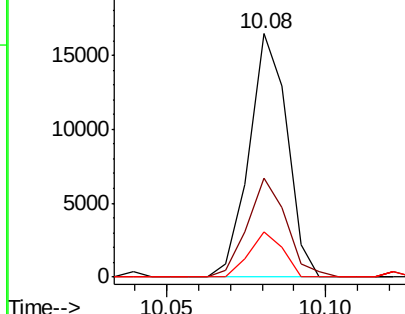


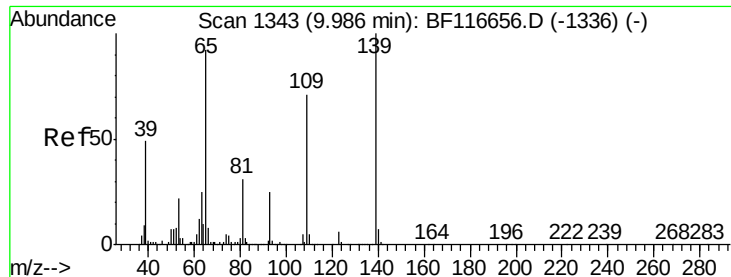
#55
Dibenzofuran
Concen: 0.821 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Tgt Ion:168 Resp: 13649
Ion Ratio Lower Upper
168 100
139 40.7 31.5 47.3
169 18.6 10.3 15.5#



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: 2.400 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.09 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

Instrument :

BNA_F

ClientSampleId :

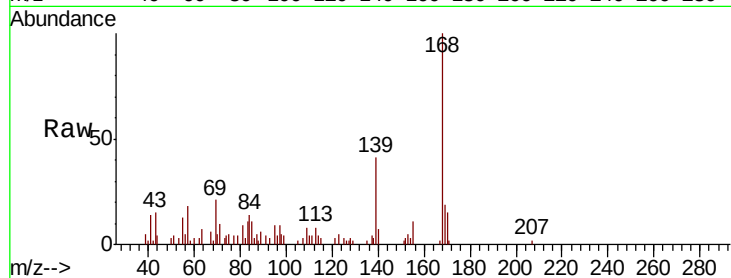
Tot Ion:139 Resp: 5738

Ion Ratio Lower Upper

139 100

109 19.9 61.7 101.7#

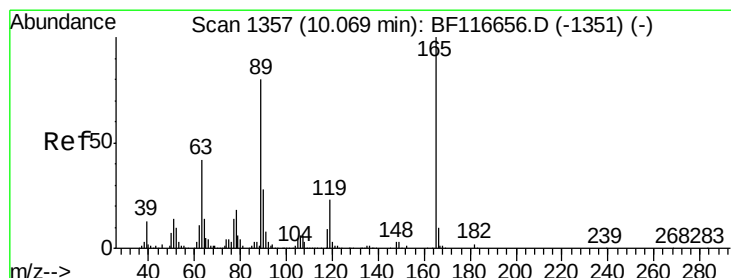
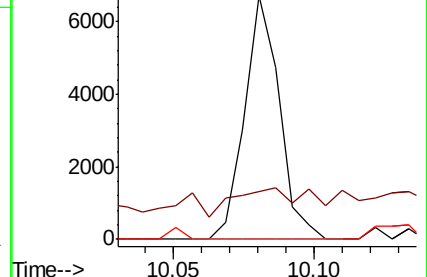
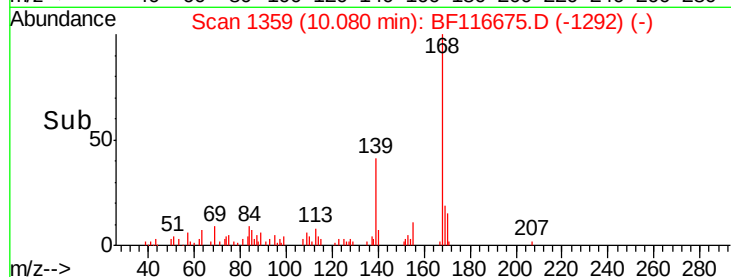
65 0.0 89.1 129.1#



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: 7.733 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.19 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

Tgt Ion:165 Resp: 26307

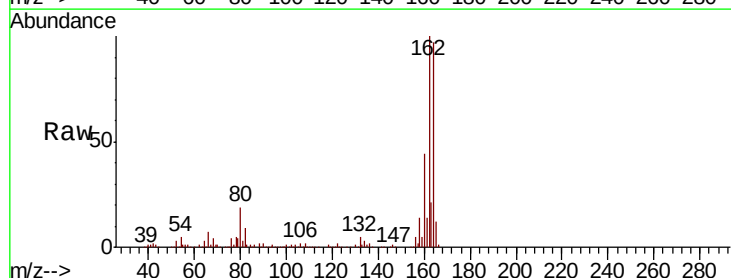
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.7 62.6 94.0#

182 0.0 2.1 3.1#

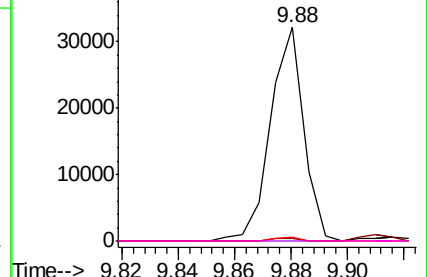
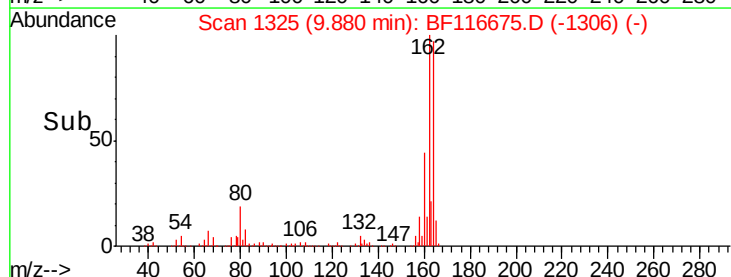


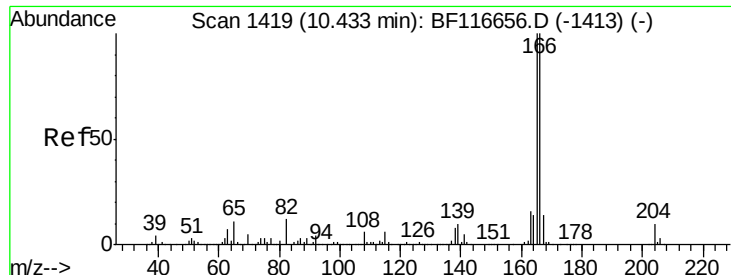
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 0.629 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

Instrument :

BNA_F

ClientSampleId :

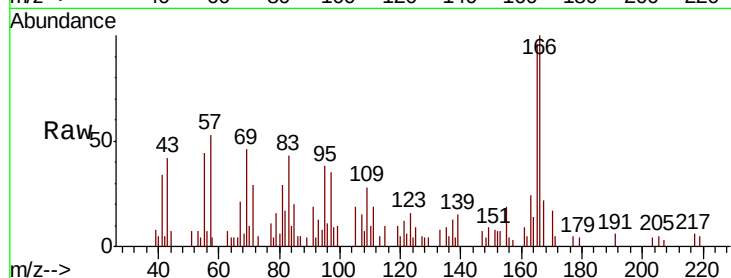
Tot Ion:166 Resp: 7960

Ion Ratio Lower Upper

166 100

165 96.2 78.8 118.2

167 22.5 10.0 15.0#

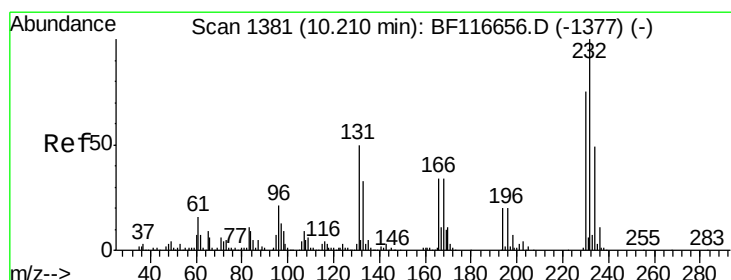
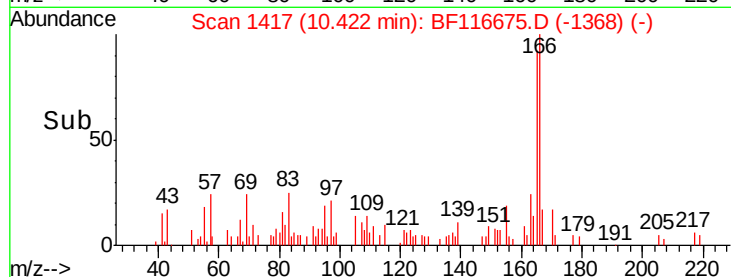
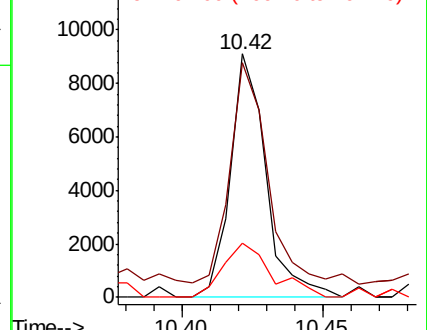


Abundance

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: 0.042 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.25 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

Tgt Ion:232 Resp: 109

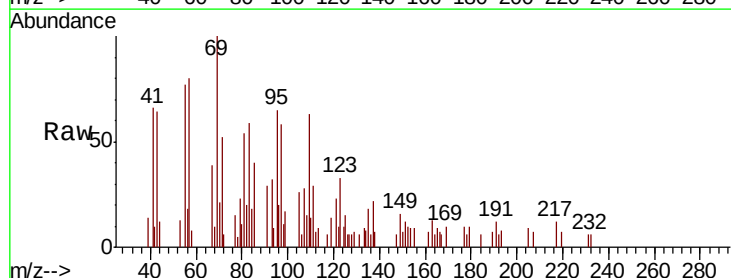
Ion Ratio Lower Upper

232 100

131 207.3 42.7 64.1#

130 0.0 1.9 2.9#

166 0.0 27.4 41.2#



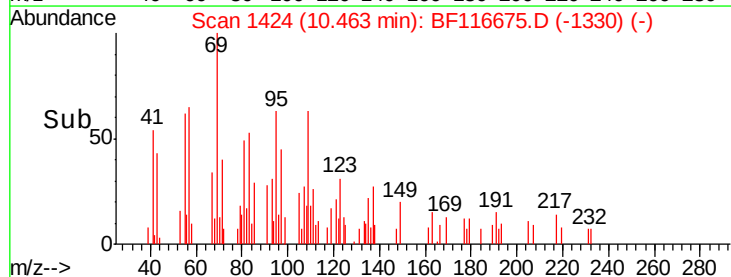
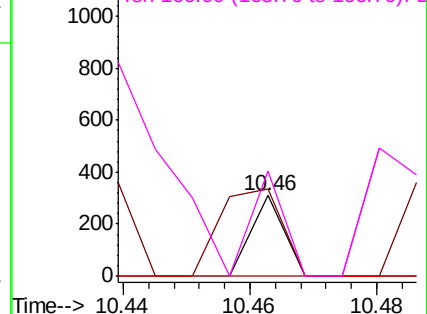
Abundance

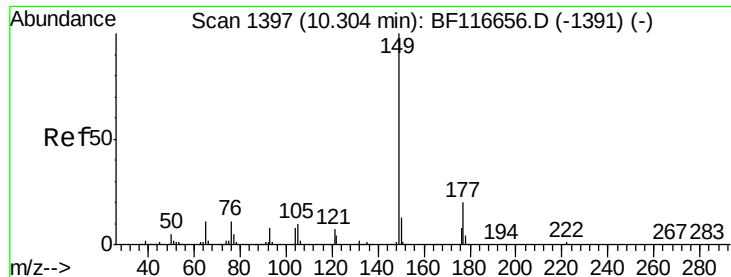
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

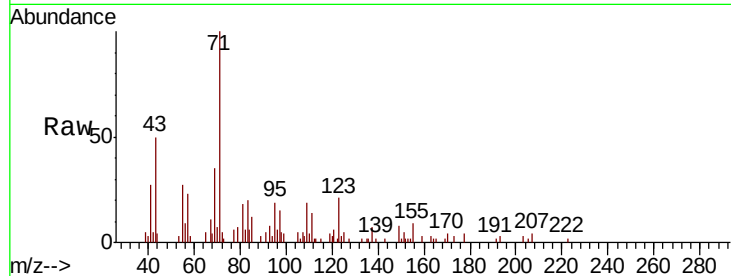




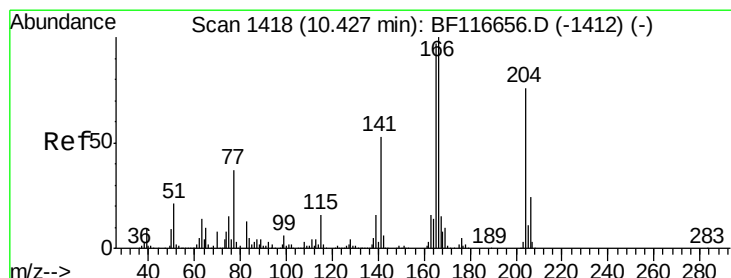
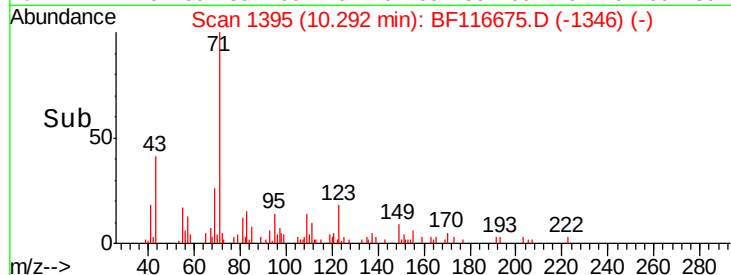
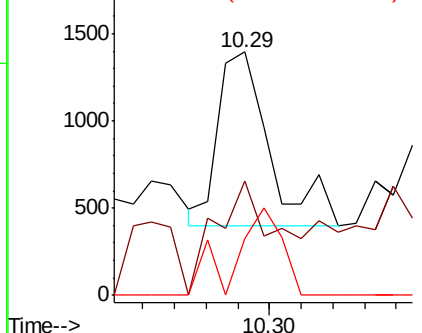
#60
Diethylphthalate
Concen: 0.077 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	47.1	17.2	25.8#
150	23.3	9.7	14.5#

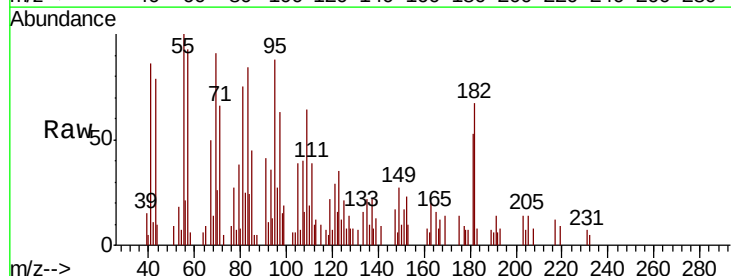


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

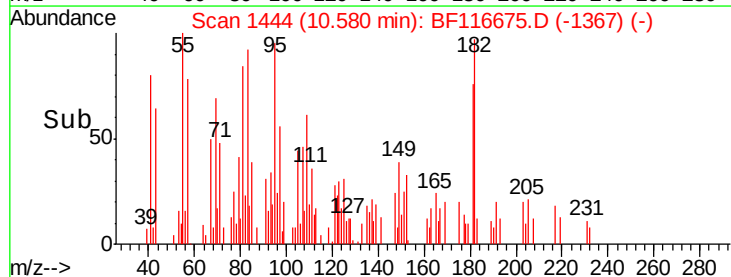
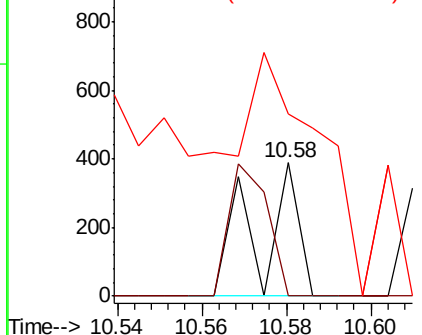


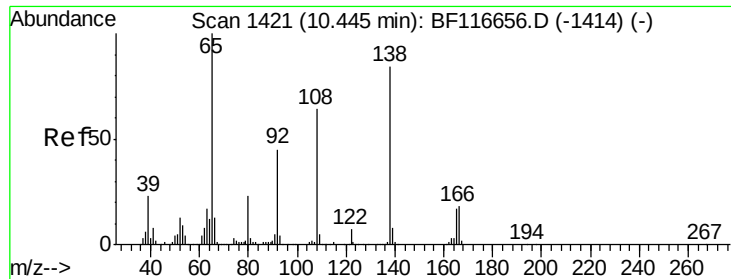
#61
4-Chlorophenyl-phenylether
Concen: 0.047 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.15 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Tgt Ion	Ratio	Lower	Upper
204	100		
206	0.0	25.4	38.2#
141	137.1	53.8	80.8#



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: 0.126 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

Instrument :

BNA_F

ClientSampled :

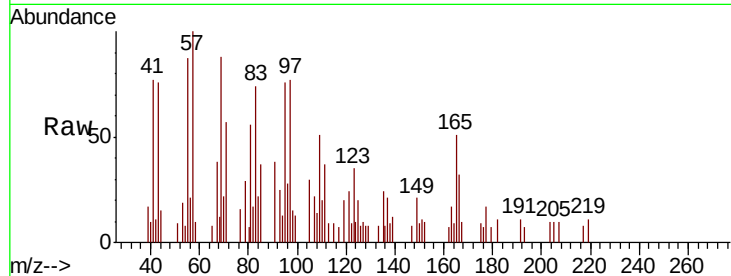
Tot Ion:138 Resp: 426

Ion Ratio Lower Upper

138 100

92 0.0 28.7 68.7#

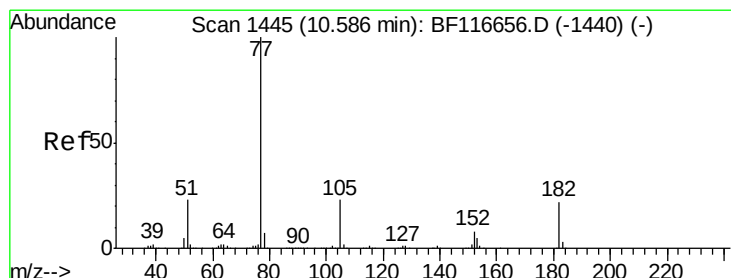
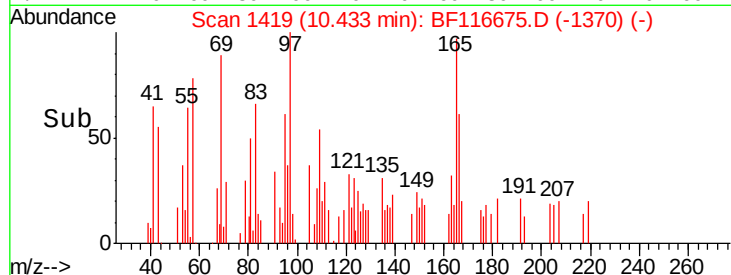
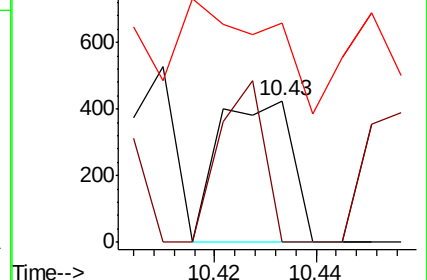
108 155.0 60.4 100.4#



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: 0.067 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

Tgt Ion: 77 Resp: 1018

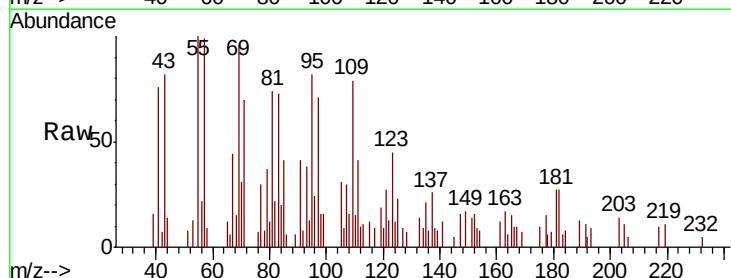
Ion Ratio Lower Upper

77 100

182 88.2 1.2 41.2#

105 103.3 0.6 40.6#

51 27.7 8.2 48.2

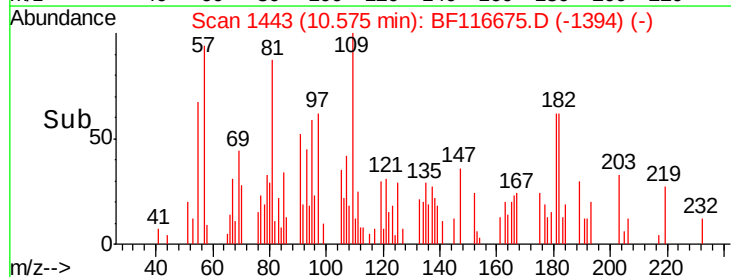
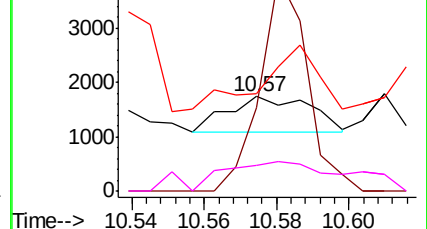


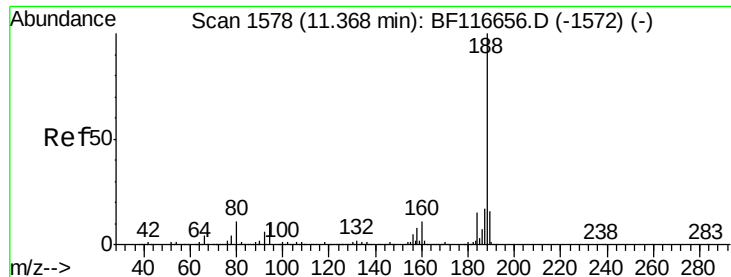
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

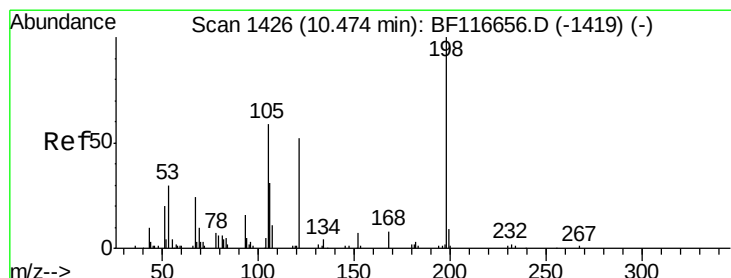
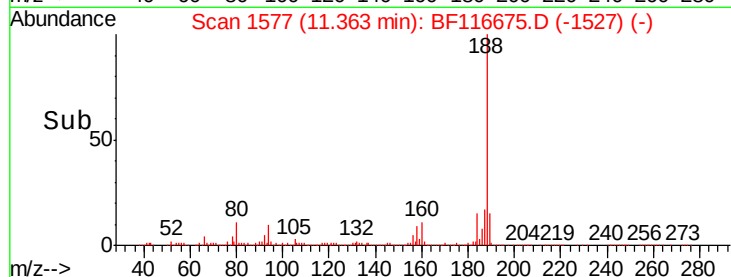
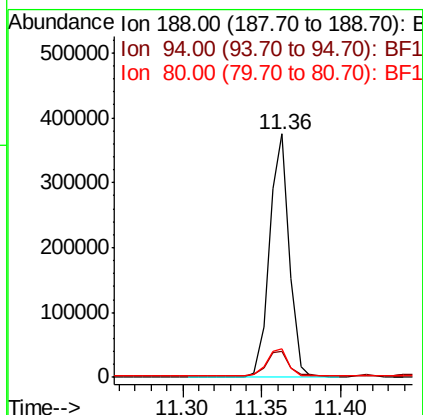
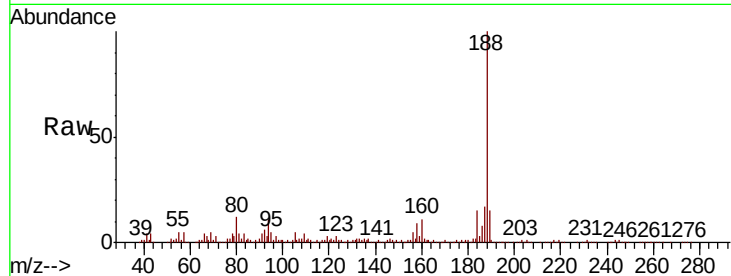




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

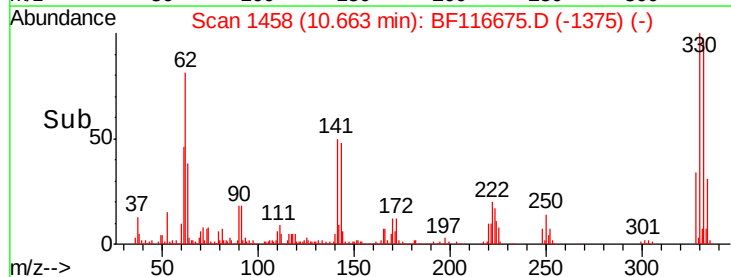
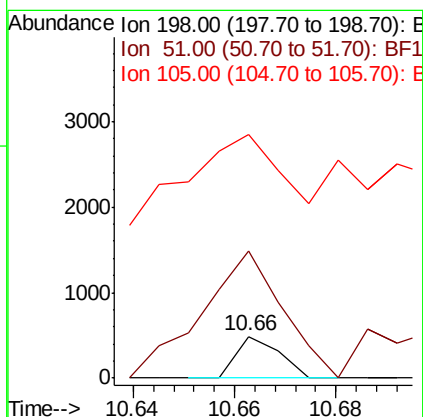
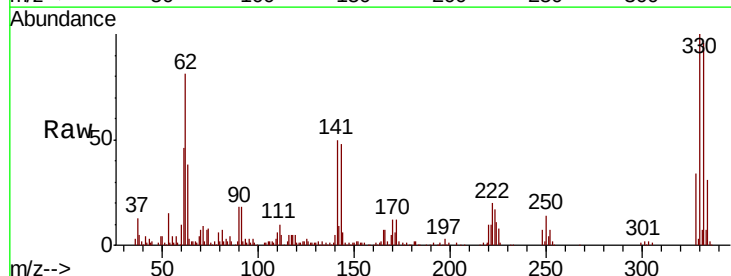
Instrument :
BNA_F
ClientSampleId :

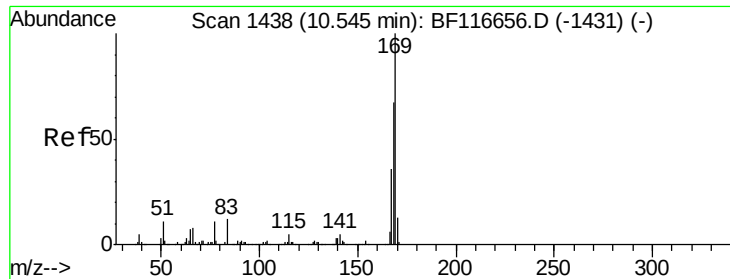
Tot Ion:188 Resp: 326951
Ion Ratio Lower Upper
188 100
94 10.7 7.3 10.9
80 11.6 8.4 12.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.650 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.19 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Tgt Ion:198 Resp: 283
Ion Ratio Lower Upper
198 100
51 304.7 18.4 58.4#
105 582.4 22.9 62.9#

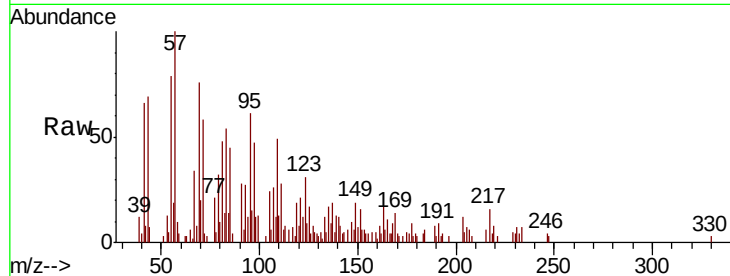




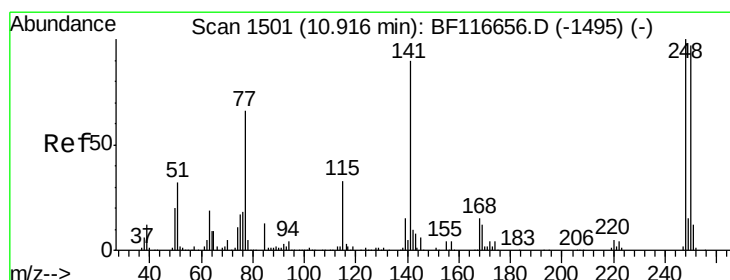
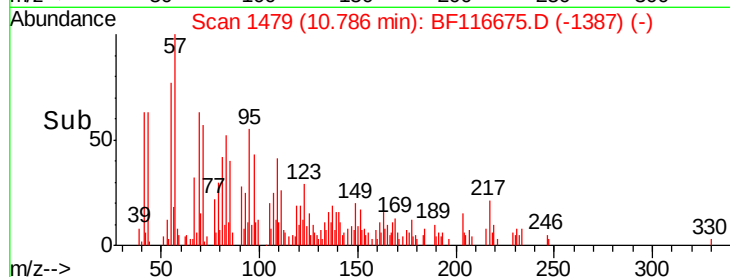
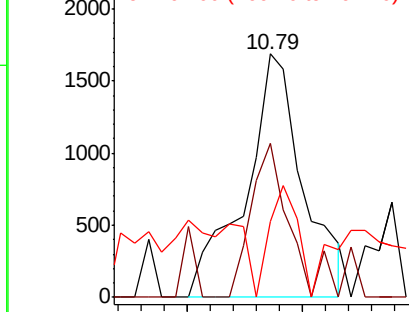
#66
 n-Nitrosodiphenylamine
 Concen: 0.261 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.24 min
 Lab File: BF116675.D
 Acq: 31 Aug 2019 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 2953
 Ion Ratio Lower Upper
 169 100
 168 63.3 55.8 83.6
 167 31.4 29.4 44.2

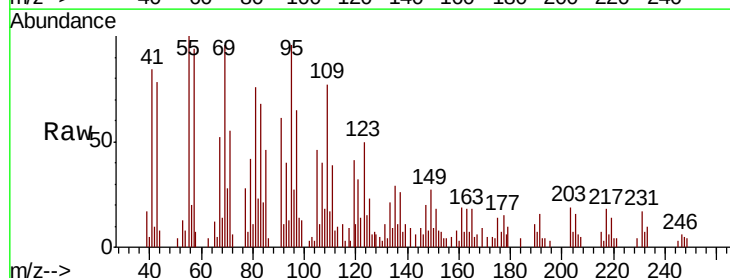


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

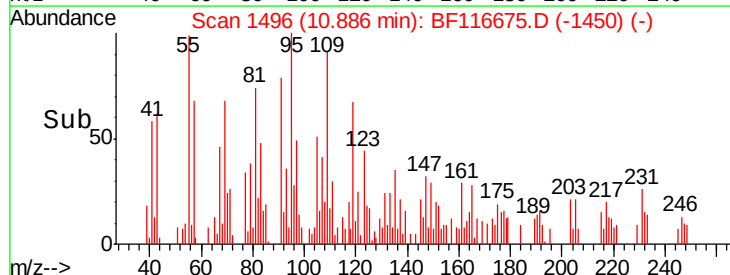
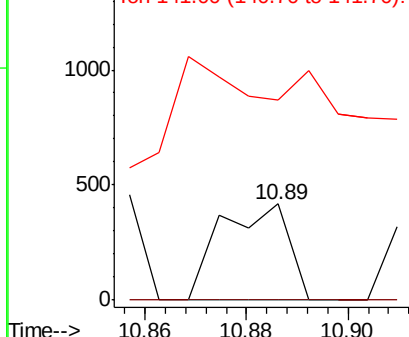


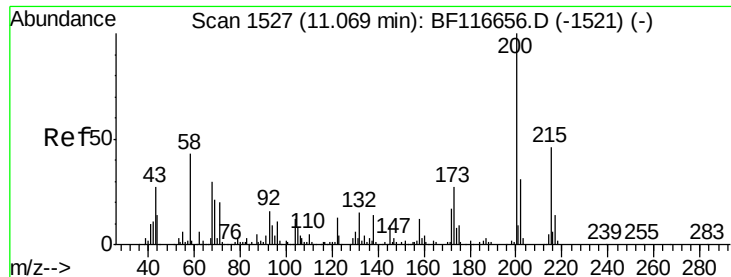
#67
 4-Bromophenyl-phenylether
 Concen: 0.116 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.03 min
 Lab File: BF116675.D
 Acq: 31 Aug 2019 2:52

Tgt Ion:248 Resp: 386
 Ion Ratio Lower Upper
 248 100
 250 0.0 77.8 116.8#
 141 209.1 75.9 113.9#



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





#69

Atrazine

Concen: 0.083 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.18 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

Instrument :

BNA_F

ClientSampleId :

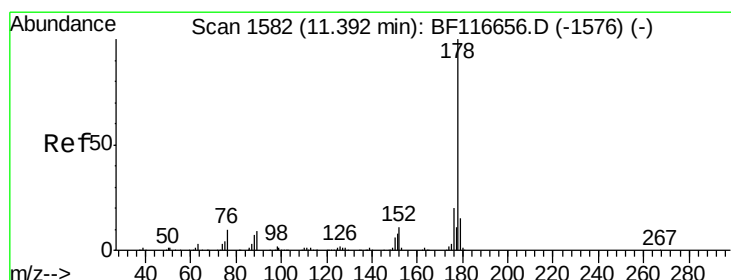
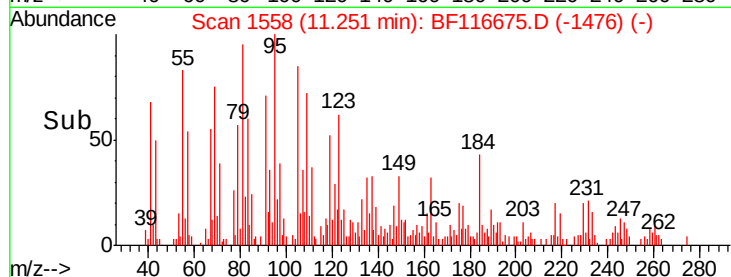
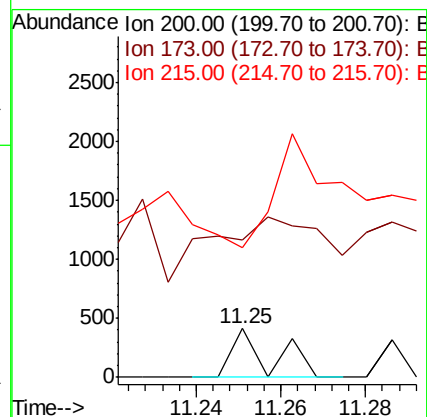
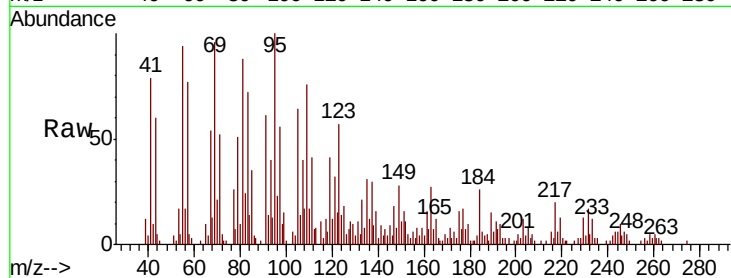
Tot Ion:200 Resp: 262

Ion Ratio Lower Upper

200 100

173 280.2 6.2 46.2#

215 264.6 24.3 64.3#



#71

Phenanthrene

Concen: 6.339 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

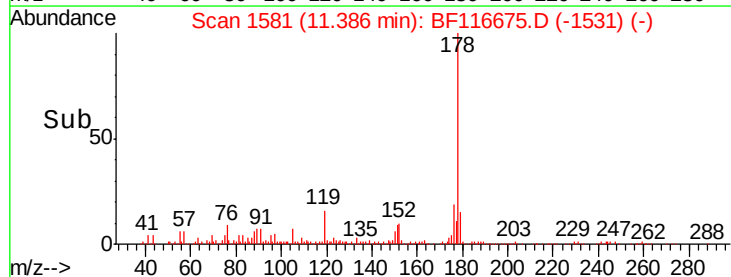
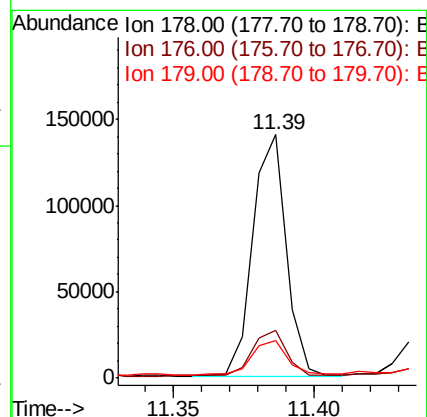
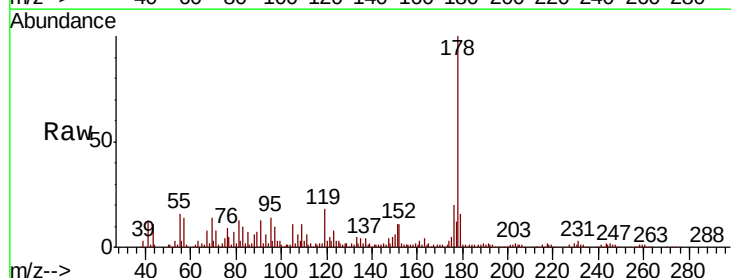
Tgt Ion:178 Resp: 115376

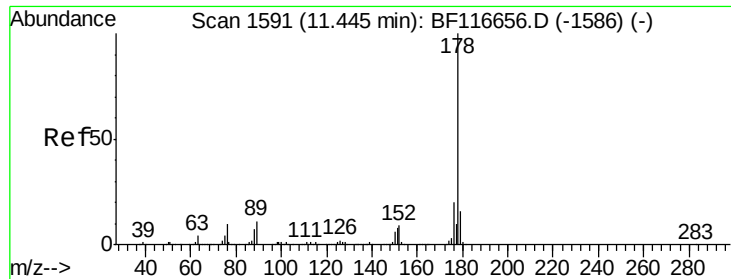
Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.0

179 15.6 12.2 18.2





#72

Anthracene

Concen: 6.297 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.06 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

Instrument :

BNA_F

ClientSampleId :

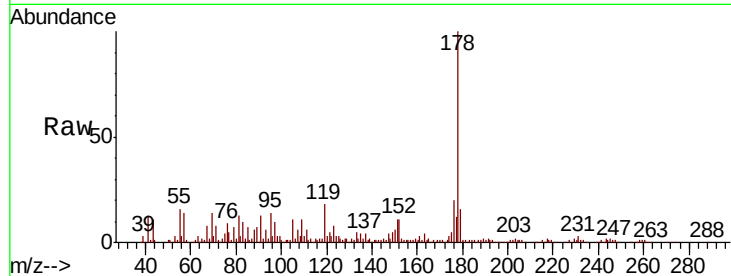
Tot Ion:178 Resp: 115376

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.0

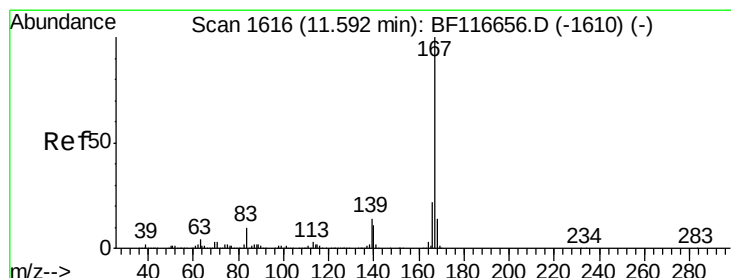
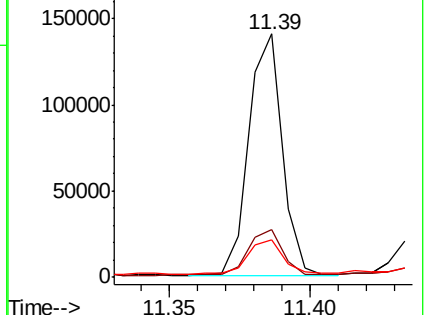
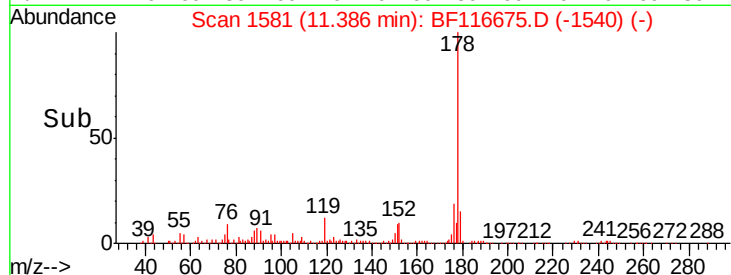
179 15.6 12.5 18.7



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: 0.630 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

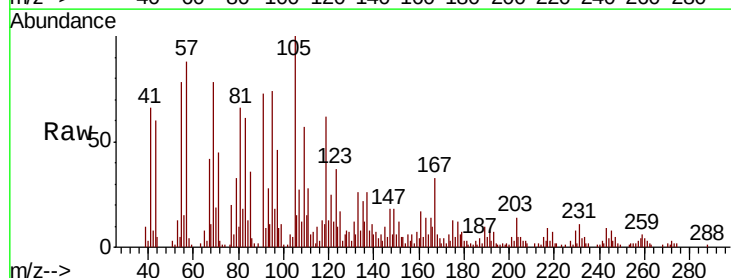
Tgt Ion:167 Resp: 10988

Ion Ratio Lower Upper

167 100

166 31.3 17.8 26.6#

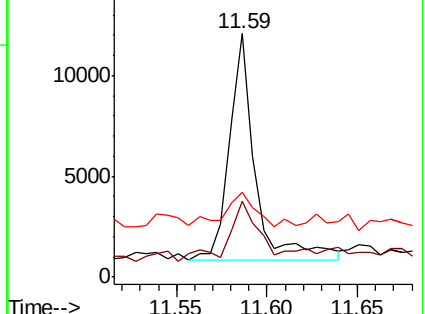
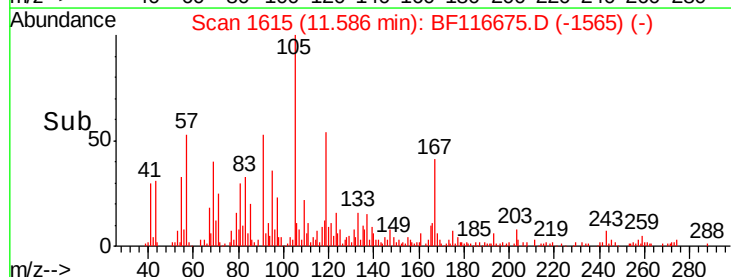
139 34.9 11.1 16.7#

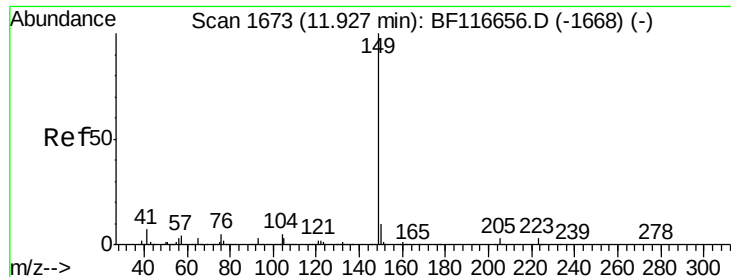


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.498 ng

RT: 11.92 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

Instrument :

BNA_F

ClientSampleId :

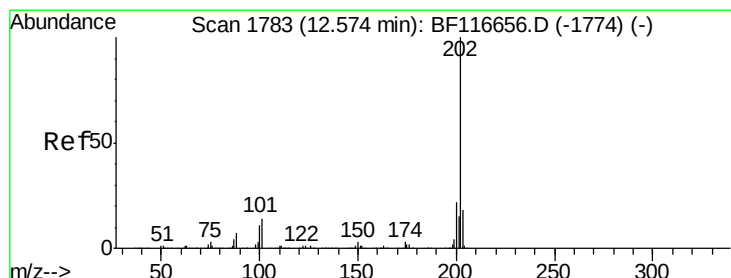
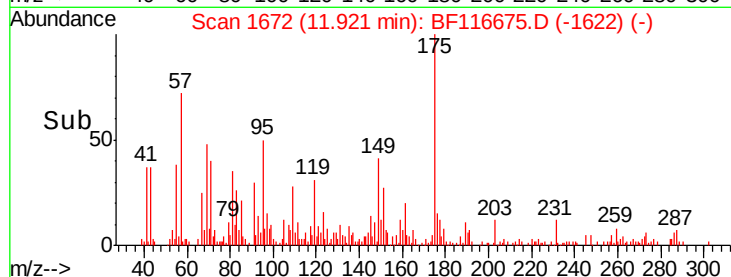
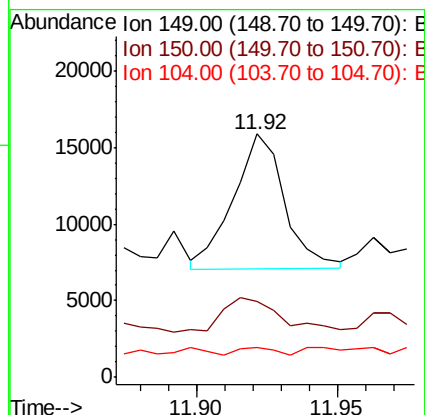
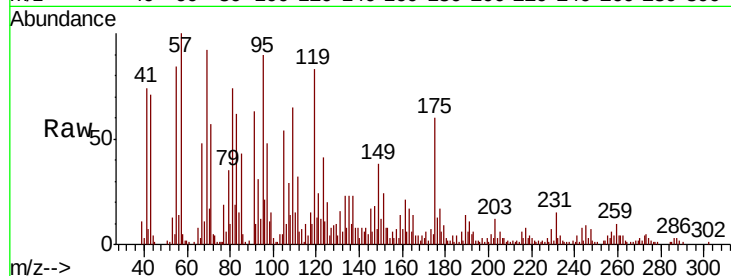
Tot Ion:149 Resp: 11151

Ion Ratio Lower Upper

149 100

150 31.0 7.2 10.8#

104 12.4 4.2 6.2#



#75

Fluoranthene

Concen: 9.758 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF116675.D

Acq: 31 Aug 2019 2:52

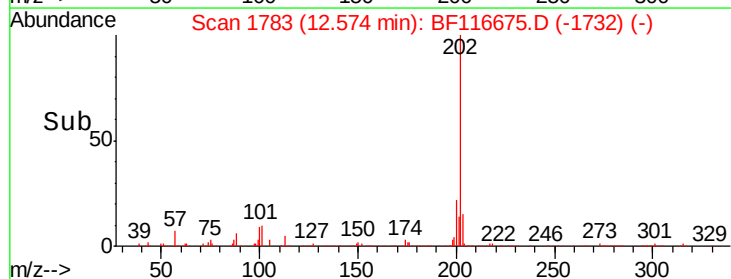
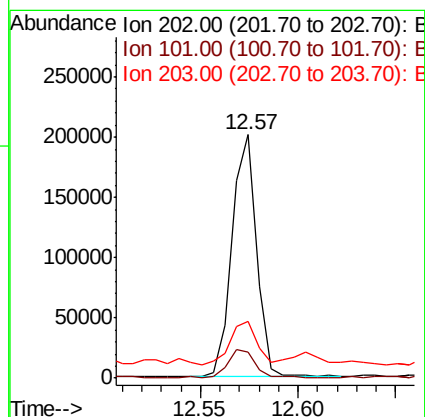
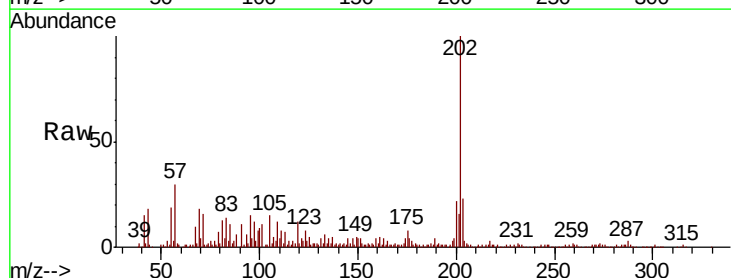
Tgt Ion:202 Resp: 174542

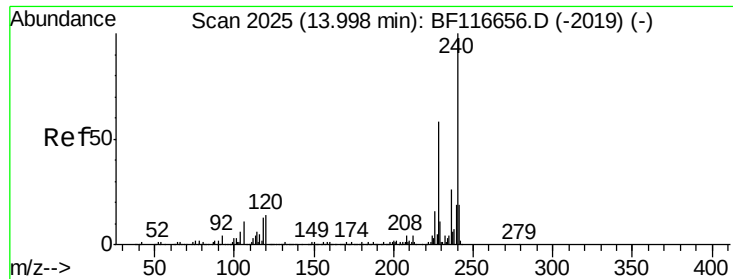
Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.3

203 23.2 0.0 37.6

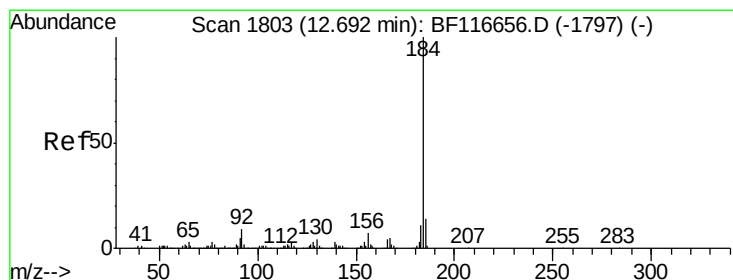
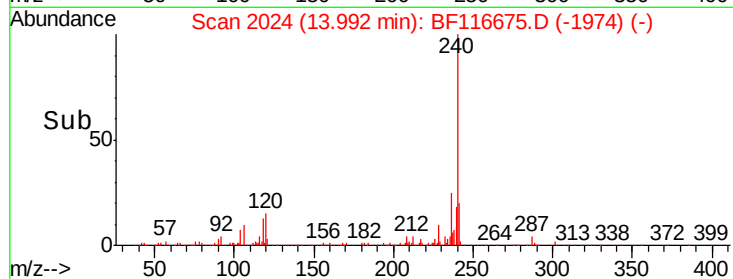
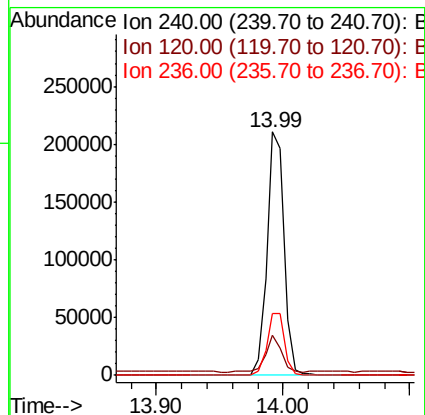
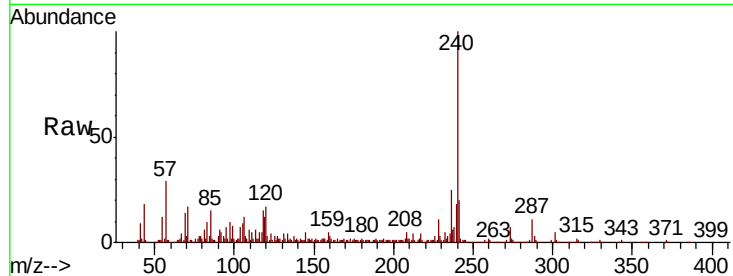




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

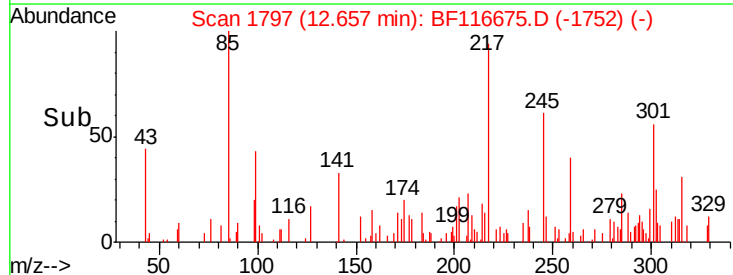
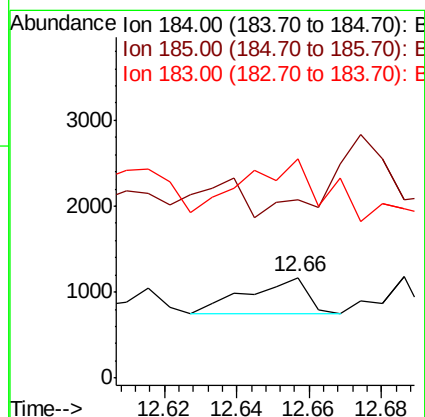
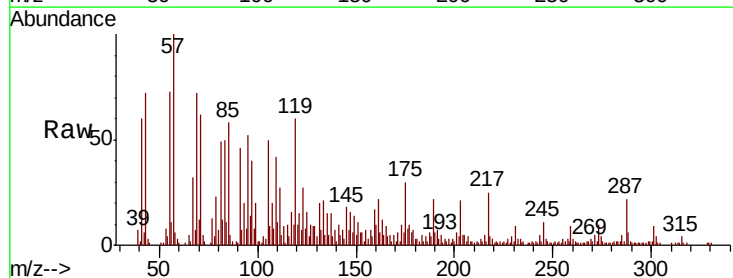
Instrument :
BNA_F
ClientSampleId :

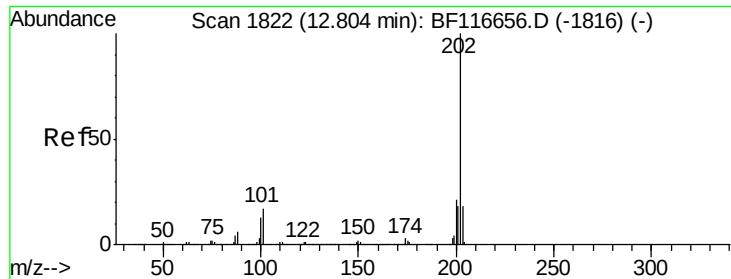
Tot Ion:240 Resp: 200067
Ion Ratio Lower Upper
240 100
120 16.7 9.1 13.7#
236 25.5 21.1 31.7



#77
Benzidine
Concen: 0.063 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.03 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Tgt Ion:184 Resp: 492
Ion Ratio Lower Upper
184 100
185 176.9 11.3 16.9#
183 218.5 9.2 13.8#

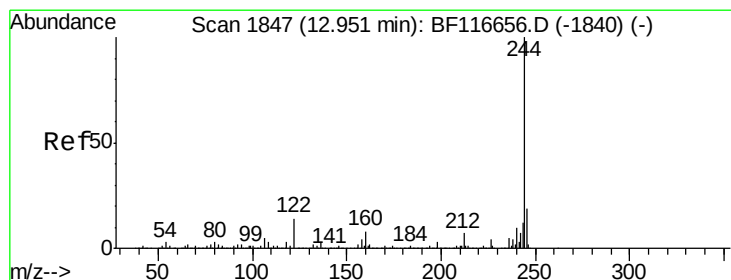
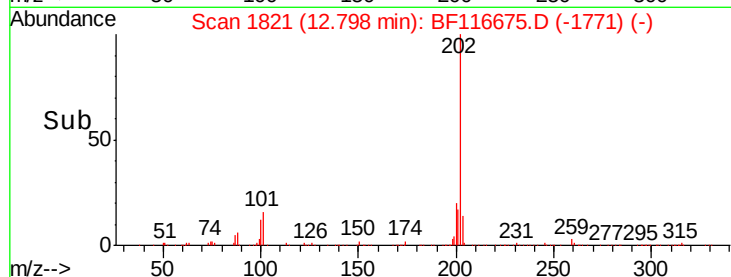
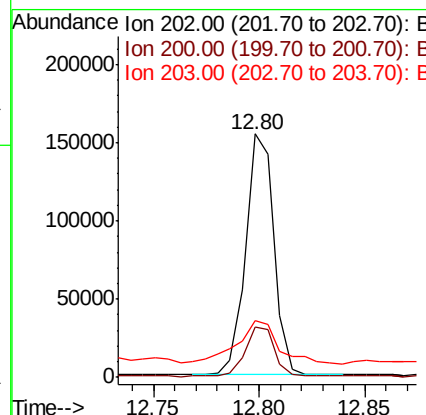
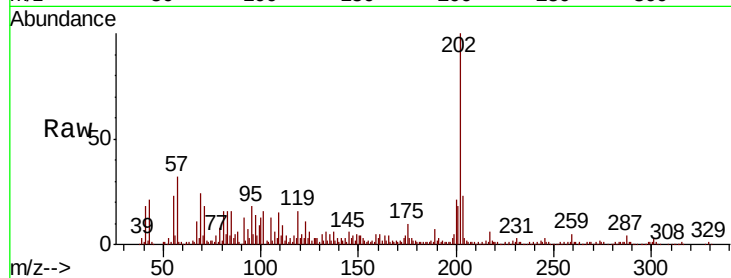




#78
Pvrene
Concen: 8.023 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

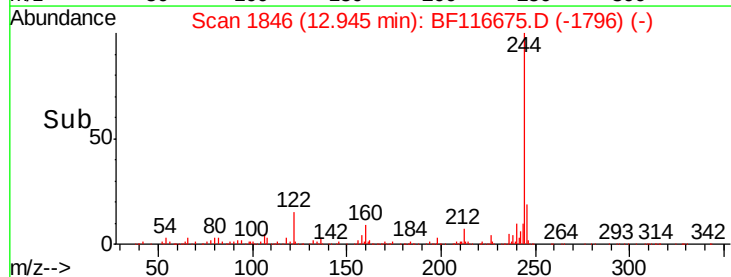
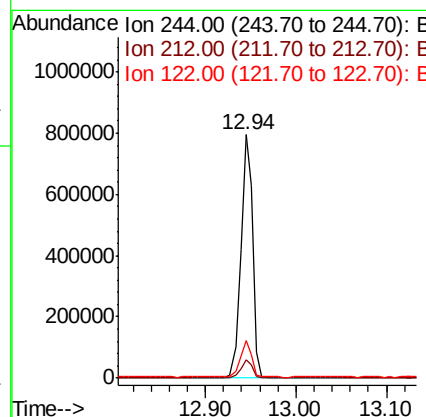
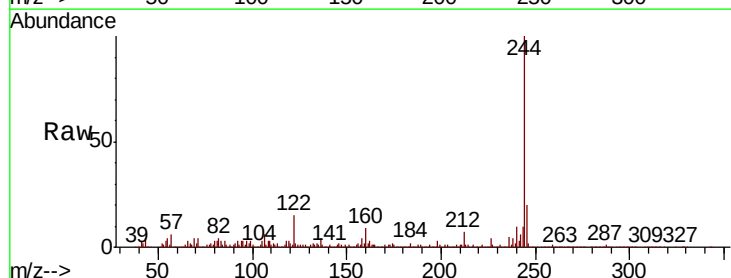
Instrument :
BNA_F
ClientSampleId :

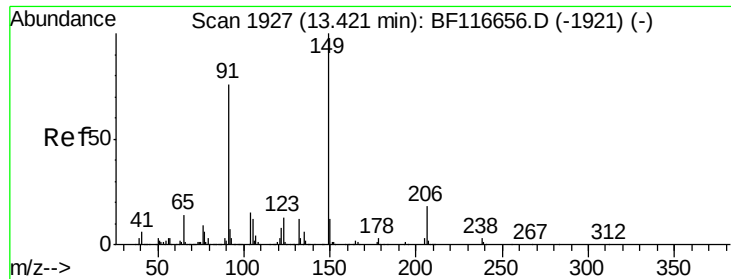
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	23.5	13.7	20.5



#79
Terphenyl-d14
Concen: 67.016 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	15.2	10.2	15.4

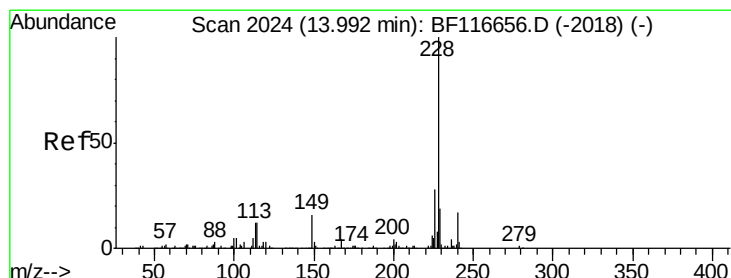
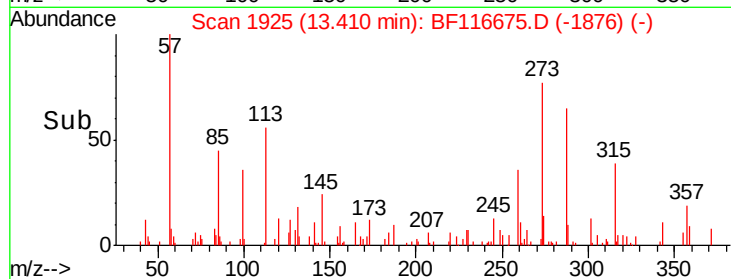
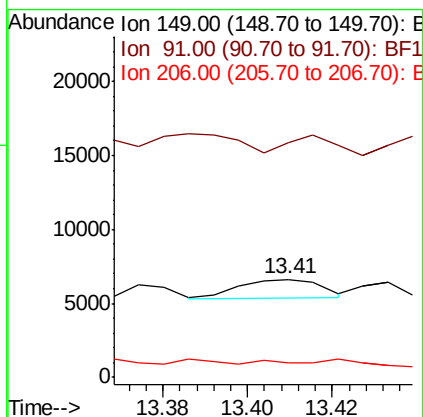
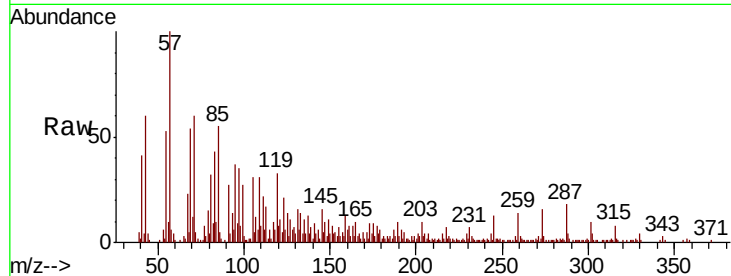




#80
Butylbenzylphthalate
Concen: 0.195 ng
RT: 13.41 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

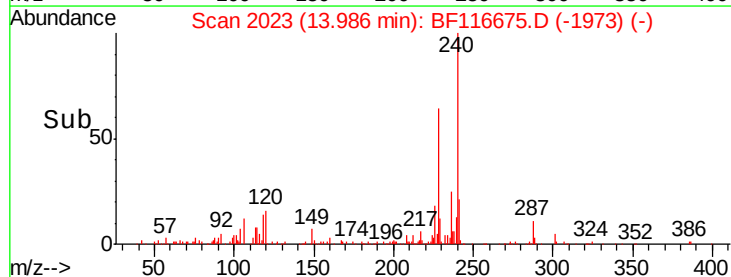
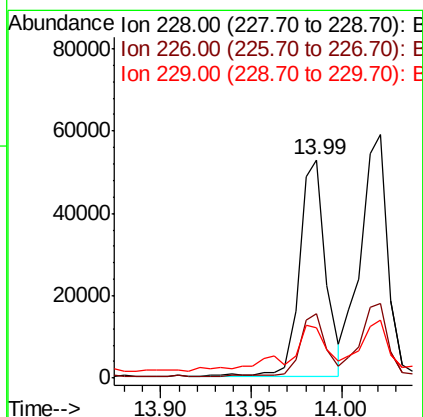
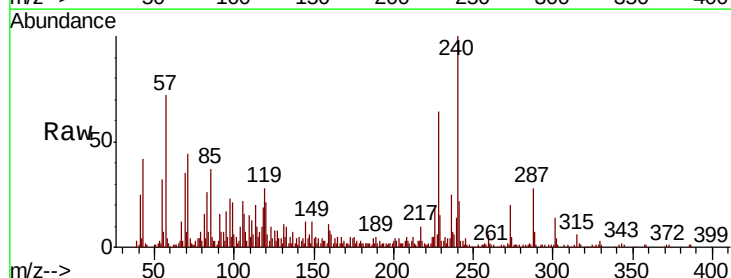
Instrument :
BNA_F
ClientSampleId :

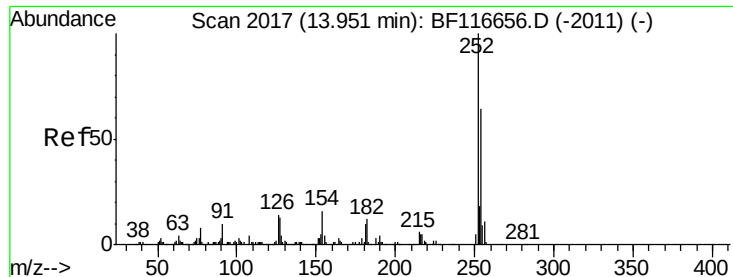
Tot Ion	Ratio	Lower	Upper
149	100		
91	239.2	61.0	91.4#
206	15.4	14.8	22.2



#81
Benzo(a)anthracene
Concen: 4.250 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.0	33.0
229	22.9	16.4	24.6

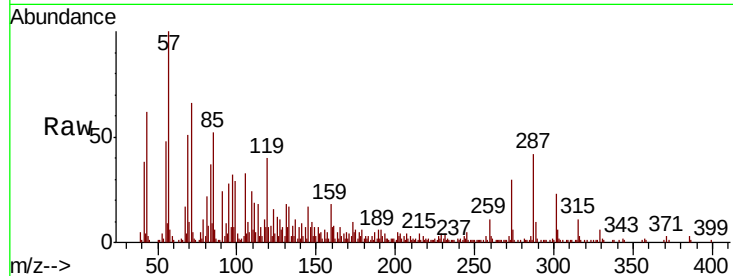




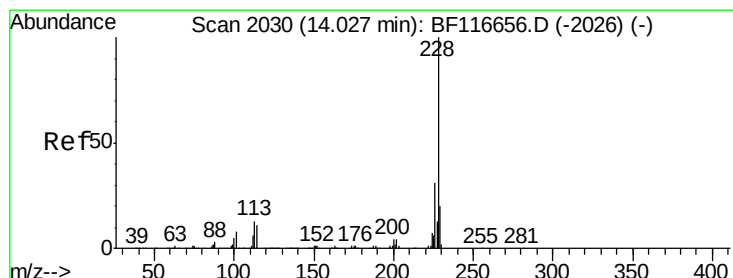
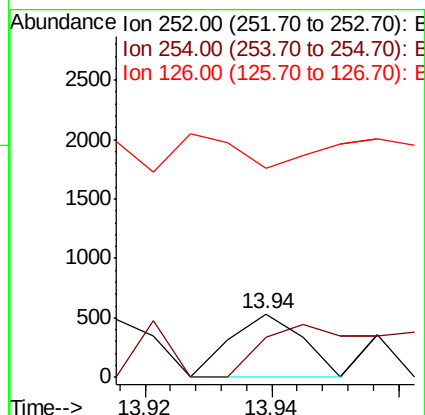
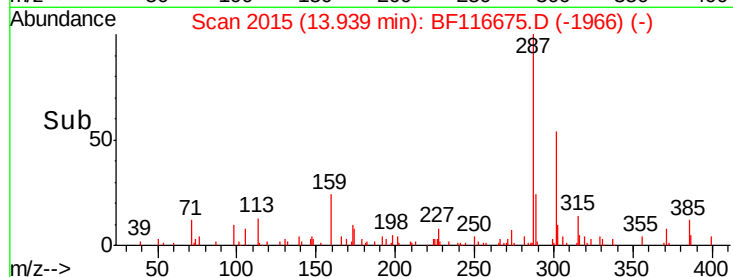
#82
 3,3'-Dichlorobenzidine
 Concen: 0.098 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF116675.D
 Acq: 31 Aug 2019 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 421
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.1 75.1
 126 329.4 10.6 16.0#

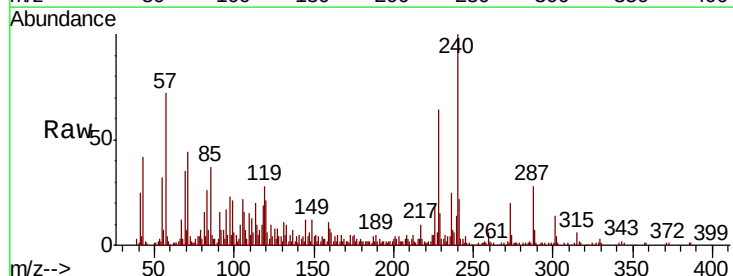


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

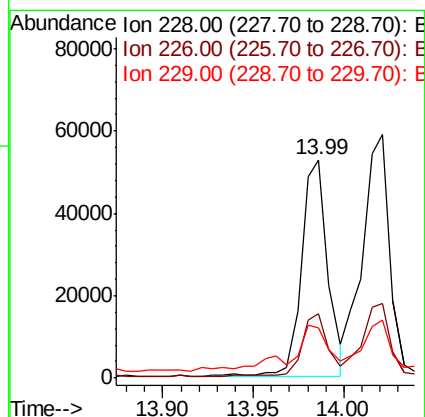
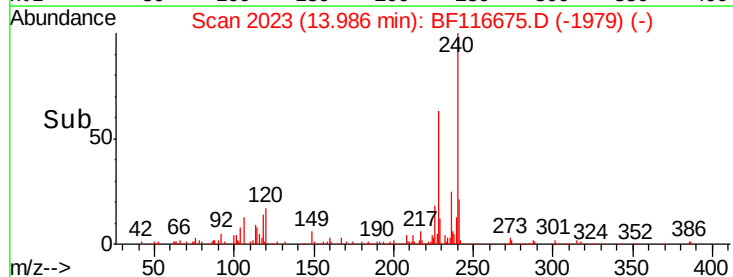


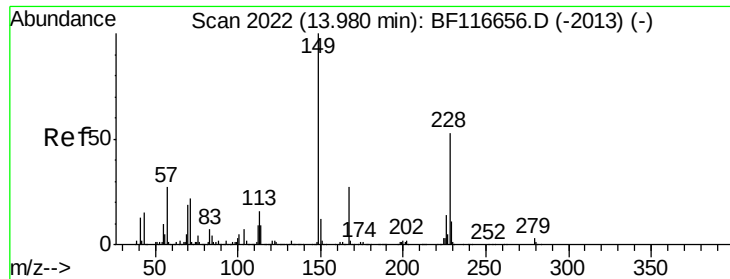
#83
 Chrysene
 Concen: 4.125 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.04 min
 Lab File: BF116675.D
 Acq: 31 Aug 2019 2:52

Tgt Ion:228 Resp: 53814
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.0 36.0
 229 22.9 15.4 23.0



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

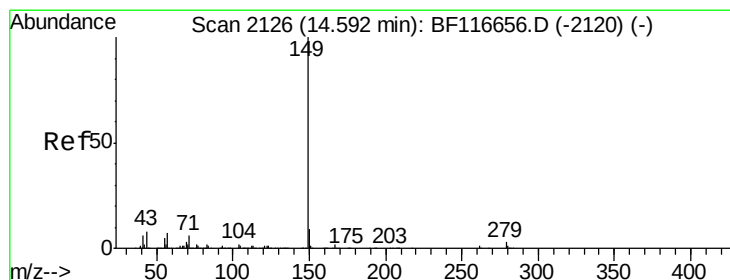
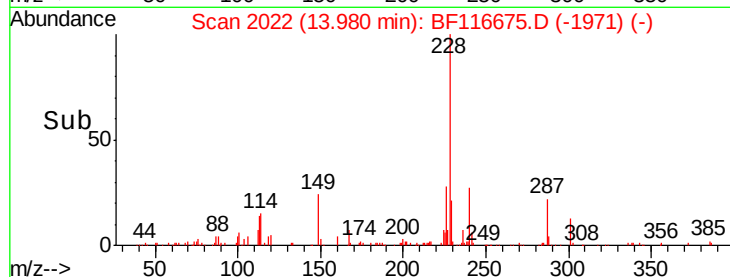
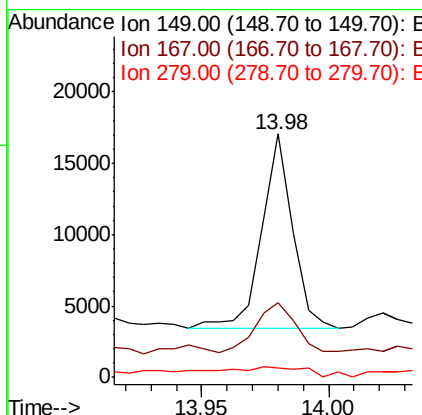
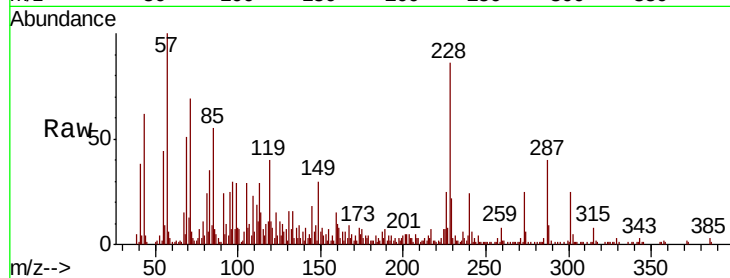




#84
Bis(2-ethylhexyl)phthalate
Concen: 1.087 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

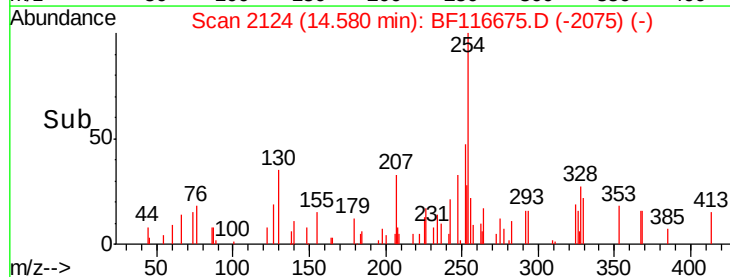
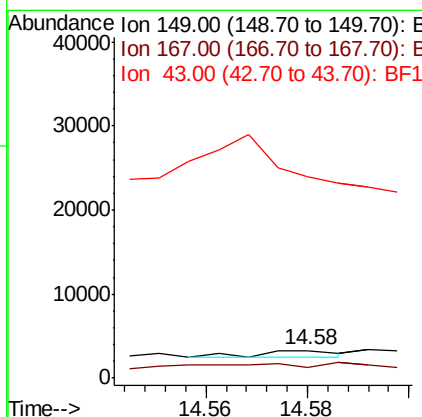
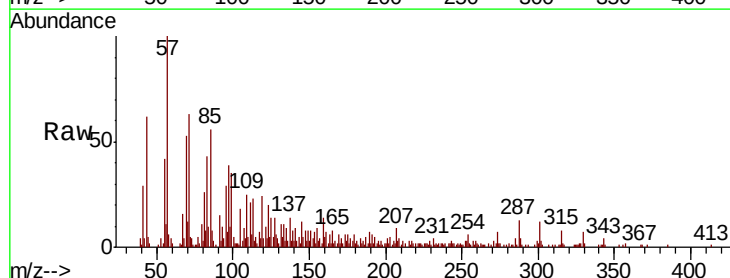
Instrument :
BNA_F
ClientSampleId :

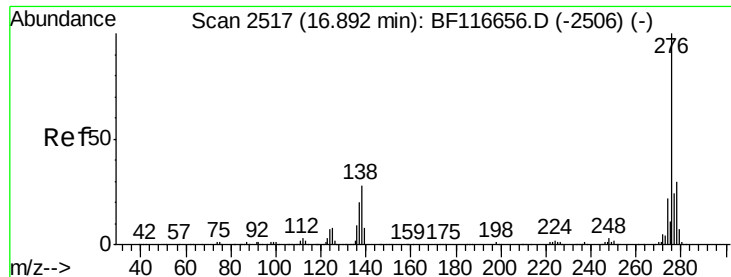
Tot Ion:149 Resp: 11608
Ion Ratio Lower Upper
149 100
167 30.7 21.0 31.4
279 3.9 2.8 4.2



#85
Di-n-octyl phthalate
Concen: 0.050 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Tgt Ion:149 Resp: 871
Ion Ratio Lower Upper
149 100
167 39.0 1.3 1.9#
43 1032.7 7.8 11.8#

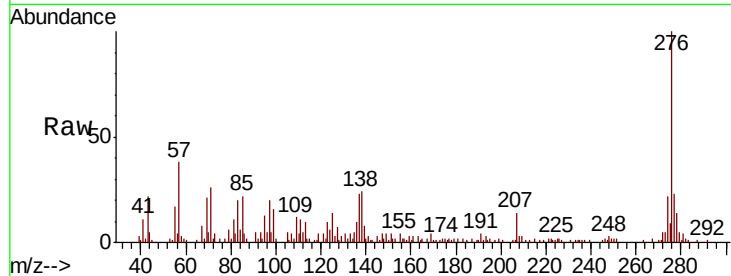




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 5.344 ng
 RT: 16.88 min Scan# 2515
 Delta R.T. -0.01 min
 Lab File: BF116675.D
 Acq: 31 Aug 2019 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.4	29.2
277	24.7	20.5	30.7

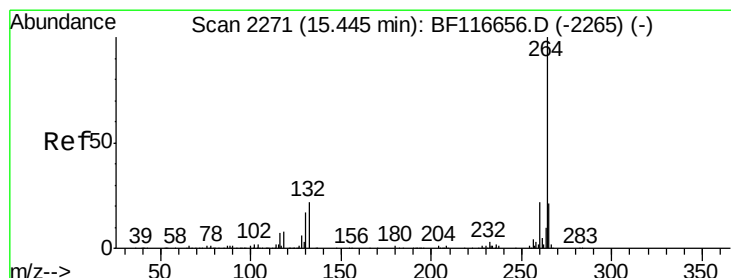
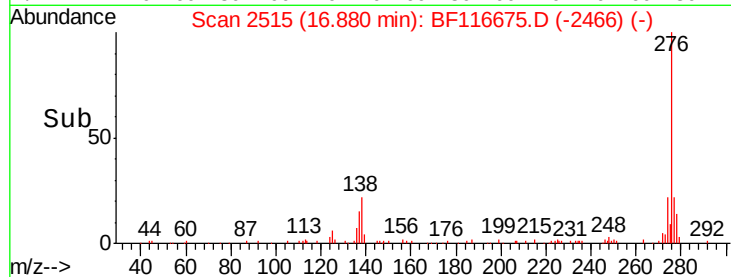
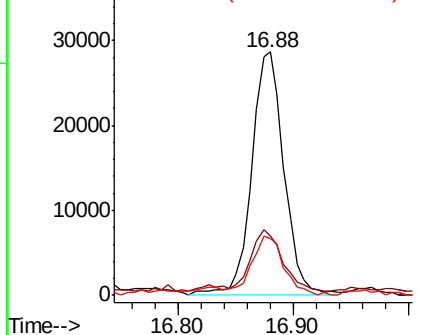


Abundance

Ion 276.00 (275.70 to 276.70): E

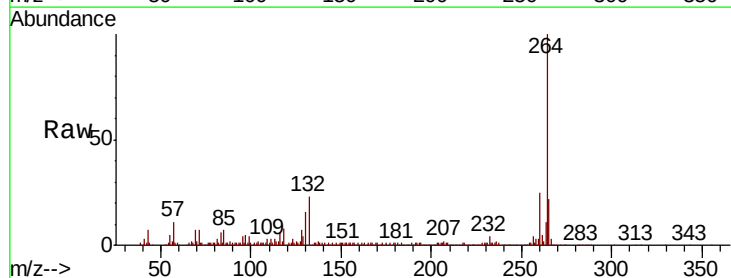
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF116675.D
 Acq: 31 Aug 2019 2:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.3	27.5
265	22.5	16.5	24.7

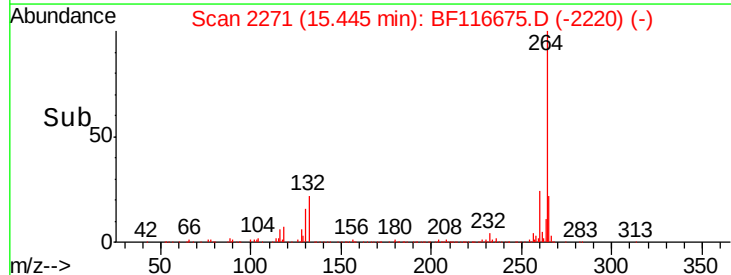
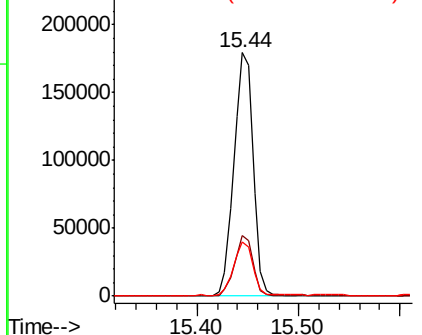


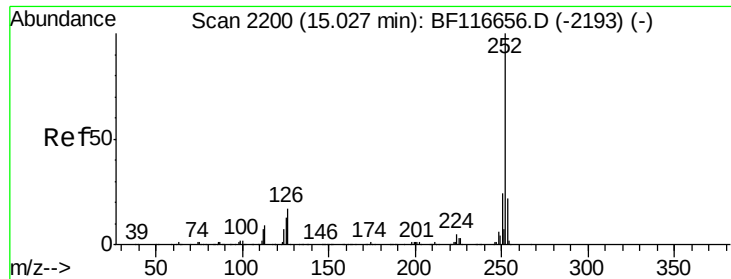
Abundance

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

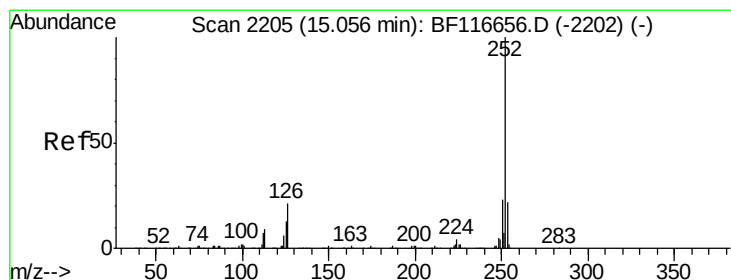
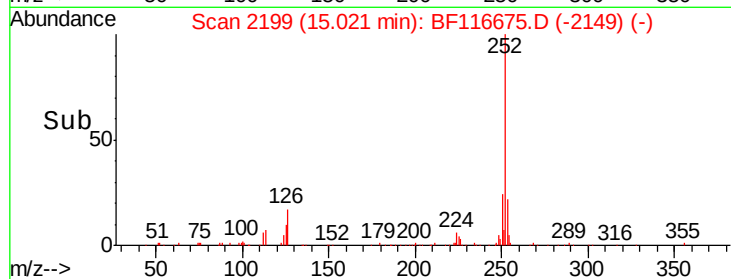
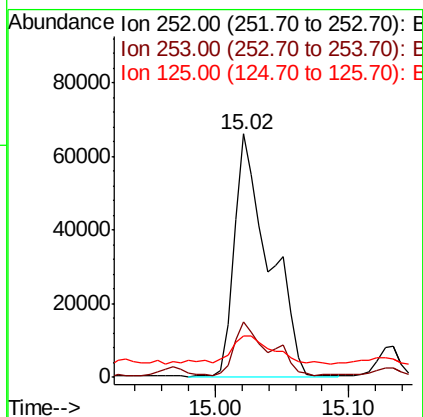
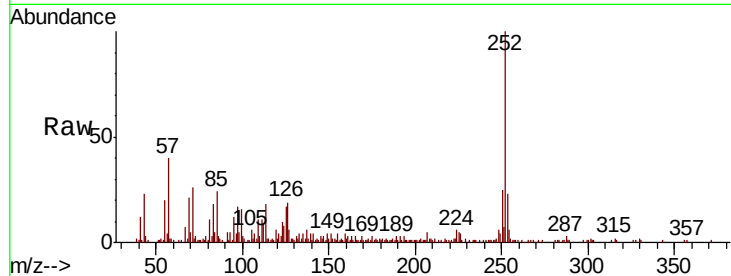




#88
Benzo(b)fluoranthene
Concen: 8.336 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

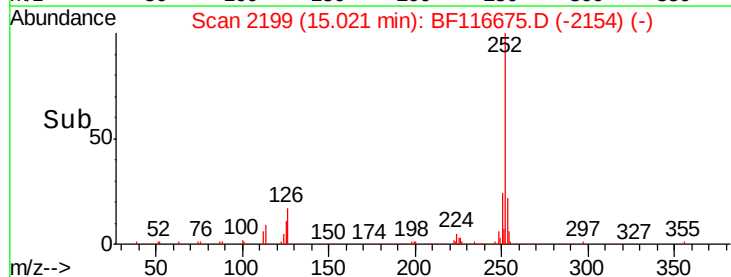
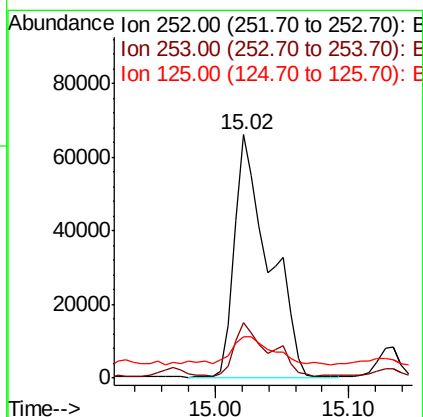
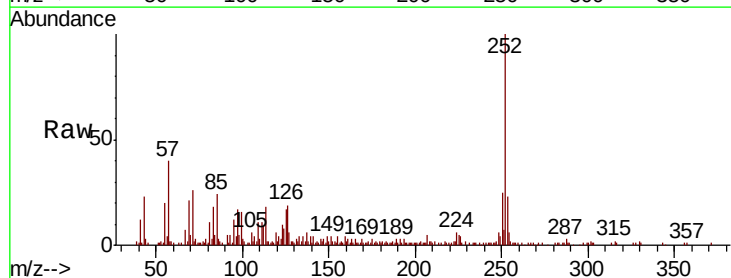
Instrument :
BNA_F
ClientSampleId :

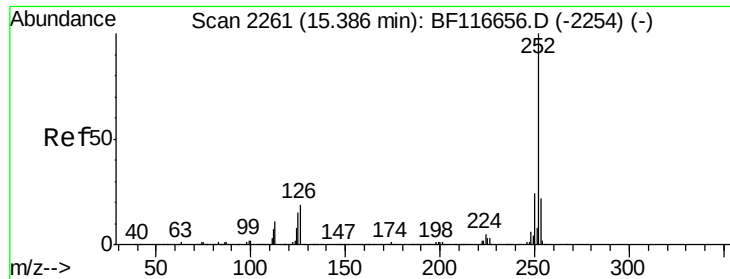
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	17.2	8.2	12.2#



#89
Benzo(k)fluoranthene
Concen: 9.142 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	17.2	8.6	13.0#

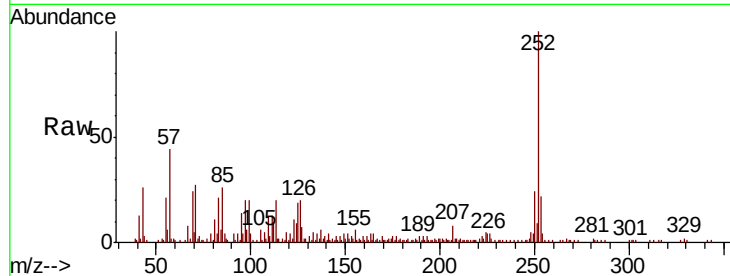




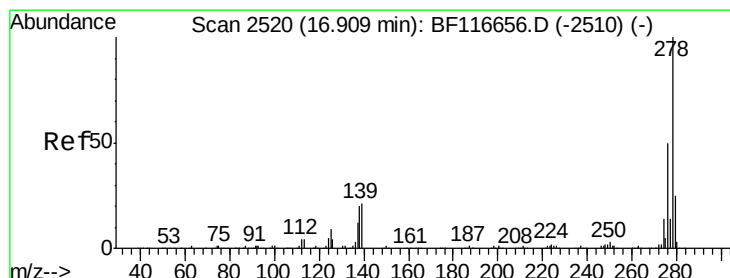
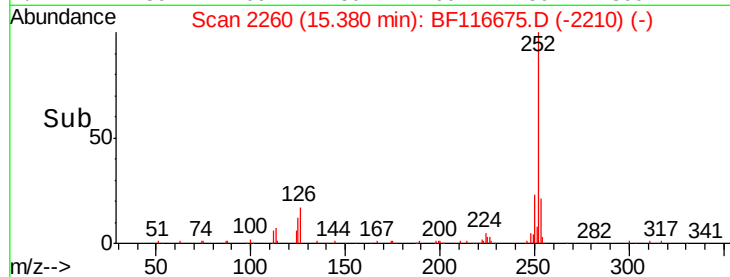
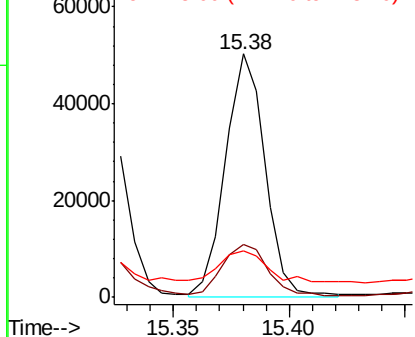
#90
Benzo(a)pyrene
Concen: 4.826 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	19.3	9.8	14.8#

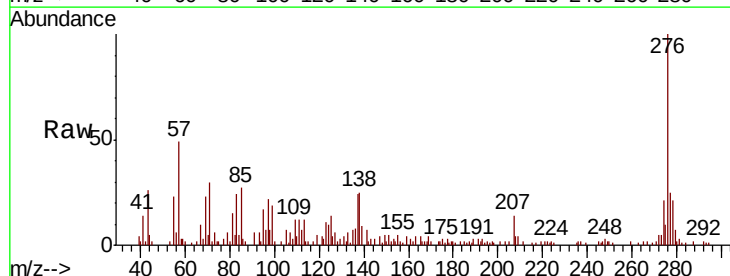


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

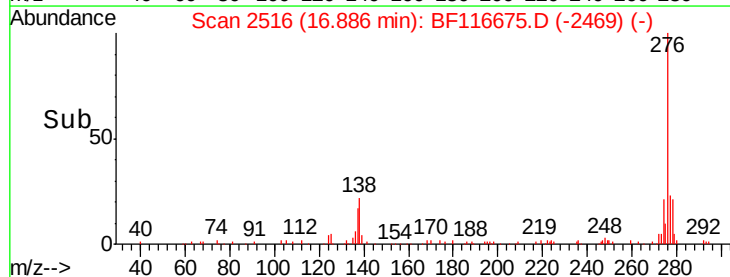
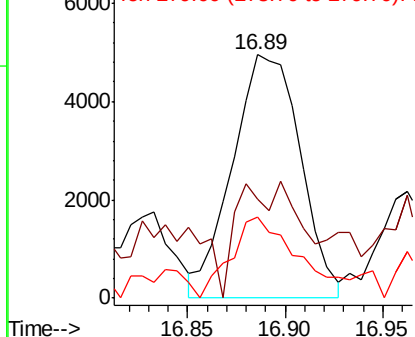


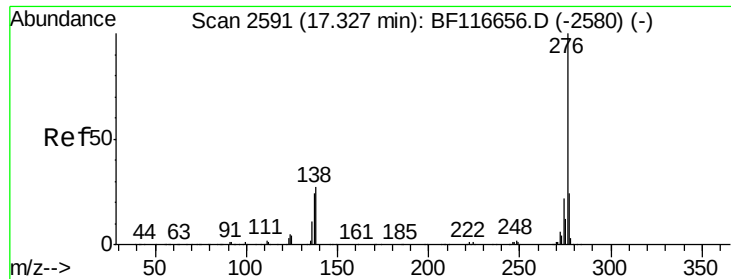
#91
Dibenzo(a,h)anthracene
Concen: 1.094 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.02 min
Lab File: BF116675.D
Acq: 31 Aug 2019 2:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.8	12.4	18.6#
279	33.1	18.2	27.4#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

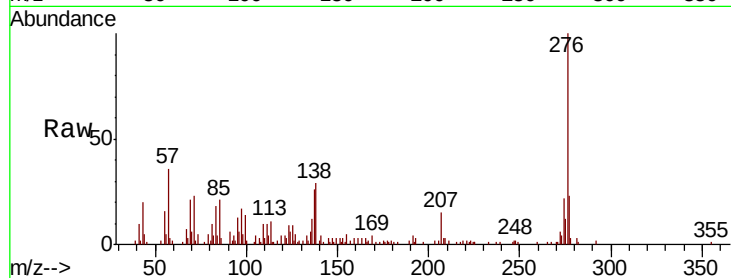




#92
 Benzo(a,h,i)perylene
 Concen: 5.079 ng
 RT: 17.31 min Scan# 2588
 Delta R.T. -0.02 min
 Lab File: BF116675.D
 Acq: 31 Aug 2019 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.5	27.7
138	29.1	16.2	24.2



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

