

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099645.D
 Acq On : 19 Oct 2017 5:04
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 16:21:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 22:24:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	83153	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	295677	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	105207	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	182640	20.00	ng	0.00
75) Chrysene-d12	14.00	240	190119	20.00	ng	0.00
86) Perylene-d12	15.46	264	153313	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	467861	89.57	ng	0.00
7) Phenol-d6	6.47	99	529459	82.17	ng	0.00
23) Nitrobenzene-d5	7.40	82	399504	86.65	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	75139	87.28	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	660903	104.87	ng	0.00
78) Terphenyl-d14	12.93	244	624485	74.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	106177	42.552	ng	91
3) Pyridine	3.34	79	261289	38.709	ng	90
4) n-Nitrosodimethylamine	3.29	42	97504	34.064	ng	# 71
6) Aniline	6.50	93	326134	37.500	ng	97
8) 2-Chlorophenol	6.62	128	251018	42.435	ng	92
9) Benzaldehyde	6.39	77	131623	35.213	ng	93
10) Phenol	6.49	94	301136	41.786	ng	95
11) bis(2-Chloroethyl)ether	6.57	93	229343	40.936	ng	94
12) 1,3-Dichlorobenzene	6.77	146	264620	42.715	ng	98
13) 1,4-Dichlorobenzene	6.85	146	267295	42.407	ng	99
14) 1,2-Dichlorobenzene	7.00	146	245692	42.186	ng	98
15) Benzyl Alcohol	6.97	79	161957	34.261	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	289621	33.180	ng	83
17) 2-Methylphenol	7.09	107	185712	38.369	ng	96
18) Hexachloroethane	7.33	117	75703	33.414	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	142053	34.529	ng	89
20) 3+4-Methylphenols	7.25	107	225853	36.885	ng	# 69
22) Acetophenone	7.25	105	306525	42.788	ng	# 99
24) Nitrobenzene	7.42	77	220087	42.081	ng	95
25) Isophorone	7.65	82	380248	39.890	ng	98
26) 2-Nitrophenol	7.73	139	109157	43.402	ng	# 83
27) 2,4-Dimethylphenol	7.77	122	192671	40.565	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	258515	43.518	ng	99
29) 2,4-Dichlorophenol	7.97	162	174188	42.715	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	181030	44.385	ng	99
31) Naphthalene	8.13	128	585516	42.163	ng	100
32) Benzoic acid	7.90	122	103402	26.503	ng	93
33) 4-Chloroaniline	8.19	127	238159	41.068	ng	96
34) Hexachlorobutadiene	8.25	225	94530	44.998	ng	99
35) Caprolactam	8.56	113	45773	34.992	ng	# 79
36) 4-Chloro-3-methylphenol	8.67	107	164130	35.808	ng	95
37) 2-Methylnaphthalene	8.82	142	352182	39.012	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	158845	50.627	ng	# 98
40) Hexachlorocyclopentadiene	8.97	237	4000	2.790	ng	90

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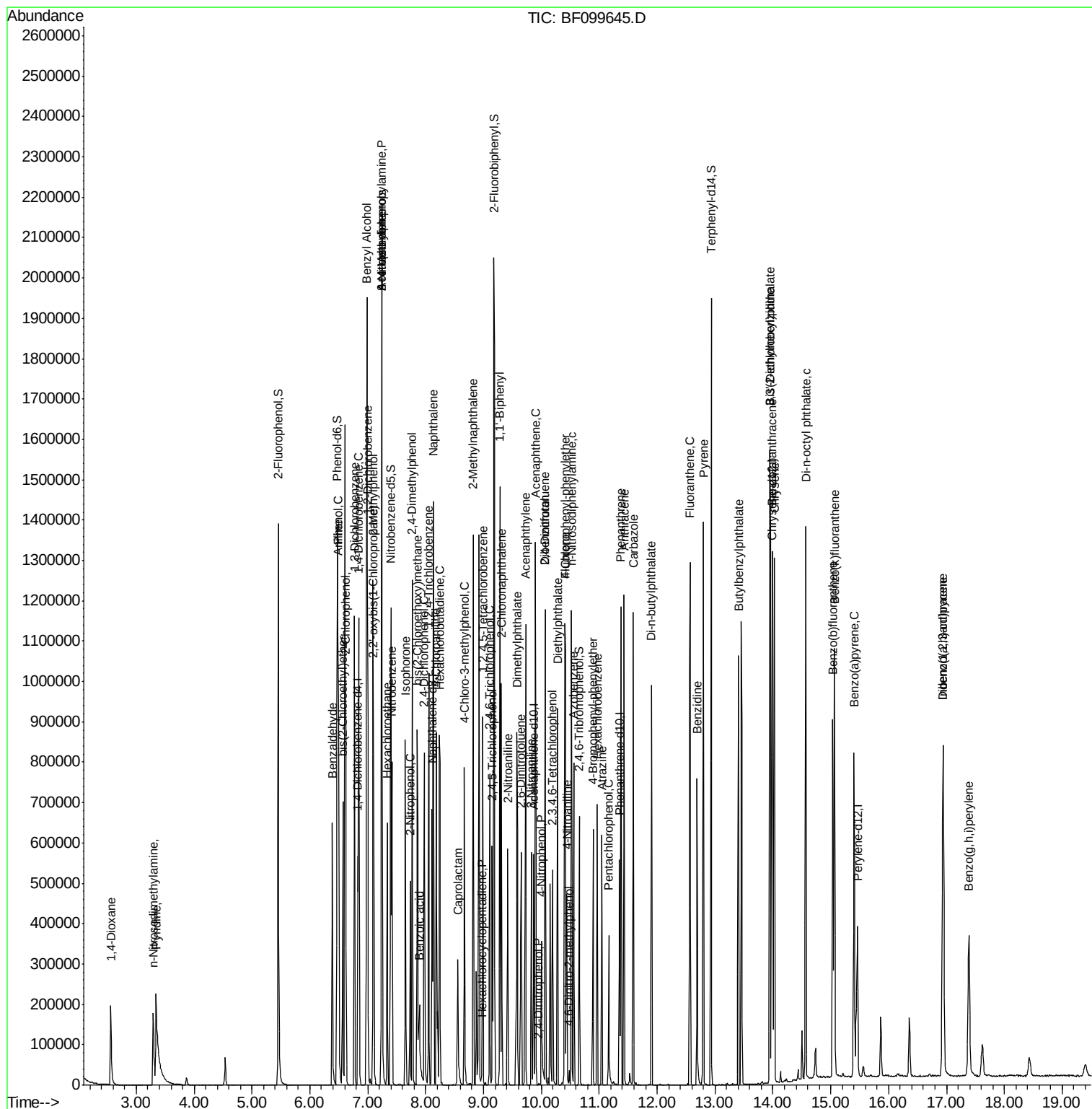
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	99560	44.791	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	98275	44.291	nq	95
45) 1,1'-Biphenyl	9.29	154	441803	48.862	nq	97
46) 2-Chloronaphthalene	9.32	162	314221	46.285	nq	95
47) 2-Nitroaniline	9.42	65	85020	40.900	nq	91
48) Acenaphthylene	9.73	152	460254	44.287	nq	99
49) Dimethylphthalate	9.58	163	372476	46.909	nq	100
50) 2,6-Dinitrotoluene	9.65	165	73484	42.509	nq	90
51) Acenaphthene	9.90	154	267653	40.657	nq	99
52) 3-Nitroaniline	9.83	138	90885	45.090	nq	92
53) 2,4-Dinitrophenol	9.96	184	1375	7.244	nq	92
54) Dibenzofuran	10.07	168	371958	42.435	nq	98
55) 4-Nitrophenol	10.00	139	74415	43.661	nq	86
56) 2,4-Dinitrotoluene	10.06	165	83770	37.339	nq	93
57) Fluorene	10.42	166	308531	43.793	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	60979	39.783	nq	# 97
59) Diethylphthalate	10.28	149	326944	42.138	nq	97
60) 4-Chlorophenyl-phenylether	10.40	204	138956	43.908	nq	90
61) 4-Nitroaniline	10.44	138	93410	48.035	nq	86
62) Azobenzene	10.56	77	257501	36.094	nq	91
64) 4,6-Dinitro-2-methylphenol	10.48	198	5288	4.759	nq	74
65) n-Nitrosodiphenylamine	10.52	169	267324	42.250	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	76326	42.694	nq	# 90
67) Hexachlorobenzene	10.96	284	83554	43.760	nq	94
68) Atrazine	11.04	200	65125	34.210	nq	99
69) Pentachlorophenol	11.16	266	46228	38.902	nq	100
70) Phenanthrene	11.37	178	437265	44.727	nq	98
71) Anthracene	11.43	178	445155	44.502	nq	99
72) Carbazole	11.59	167	442615	45.185	nq	99
73) Di-n-butylphthalate	11.90	149	502994	42.661	nq	98
74) Fluoranthene	12.57	202	496997	50.204	nq	98
76) Benzdine	12.69	184	292134	41.544	nq	98
77) Pyrene	12.80	202	522585	36.047	nq	100
79) Butylbenzylphthalate	13.40	149	250344	36.743	nq	89
80) Benzo(a)anthracene	13.99	228	479839	41.681	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	188324	44.624	nq	98
82) Chrysene	14.03	228	463909	42.327	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	358668	38.231	nq	99
84) Di-n-octyl phthalate	14.57	149	682496	45.179	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.94	276	331951	37.862	nq	97
87) Benzo(b)fluoranthene	15.03	252	424385	45.021	nq	# 95
88) Benzo(k)fluoranthene	15.06	252	399731	42.934	nq	98
89) Benzo(a)pyrene	15.40	252	370892	42.864	nq	98
90) Dibenzo(a,h)anthracene	16.94	278	279401	40.349	nq	96
91) Benzo(g,h,i)perylene	17.39	276	266613	38.950	nq	98

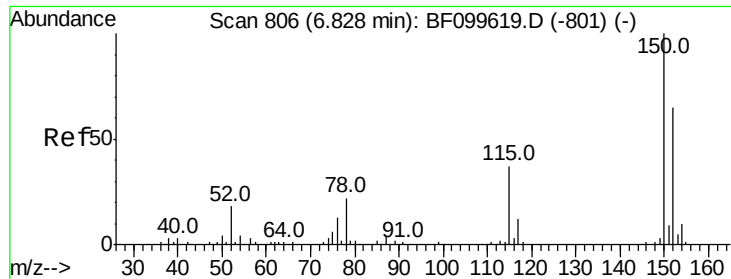
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
ClientSampled :

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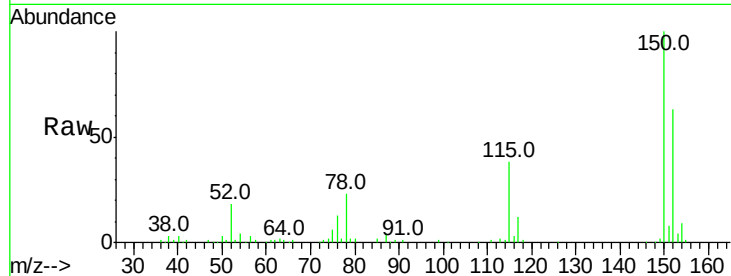


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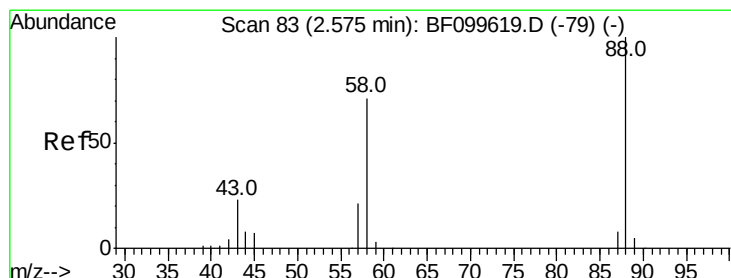
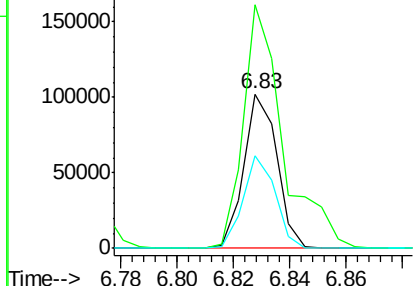
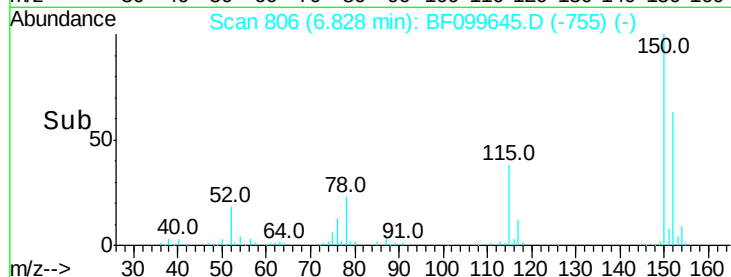
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83153
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 59.7 50.1 75.1



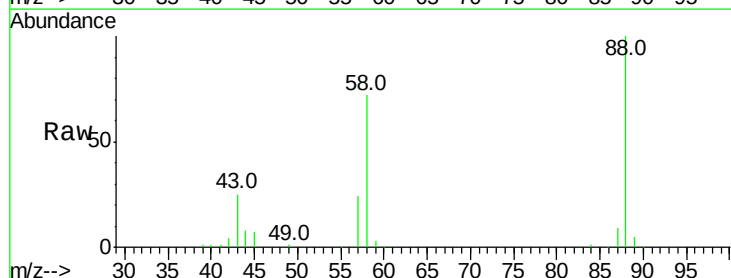
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



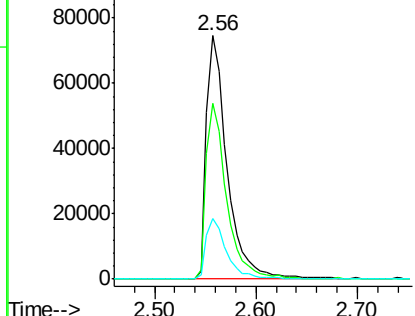
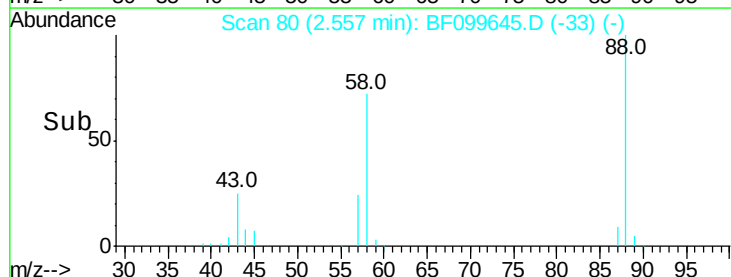
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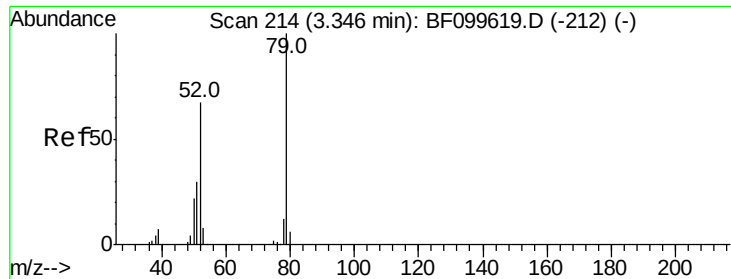
1,4-Dioxane
Concen: 42.552 ng
RT: 2.56 min Scan# 80
Delta R.T. -0.02 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion: 88 Resp: 106177
Ion Ratio Lower Upper
88 100
58 71.3 62.6 93.8
43 24.6 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

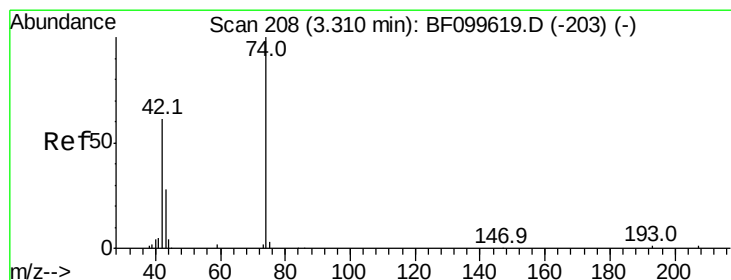
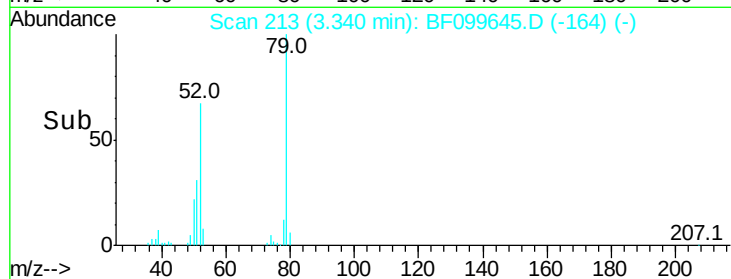
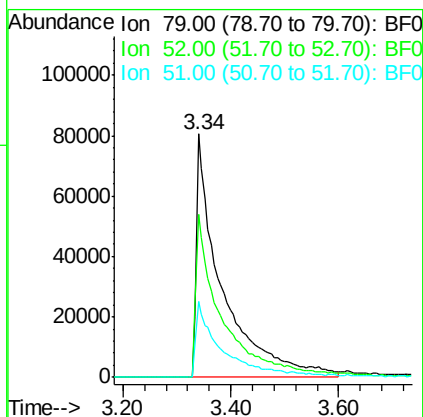
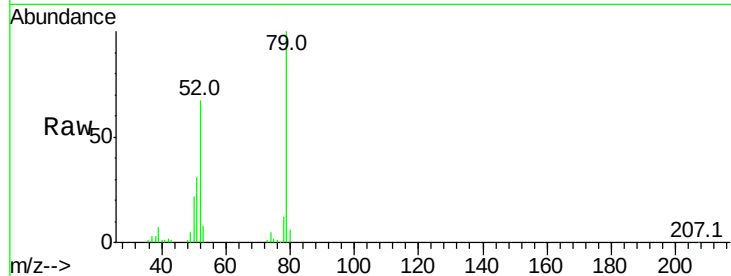




#3
 Pvridine
 Concen: 38.709 ng
 RT: 3.34 min Scan# 213
 Delta R.T. -0.01 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

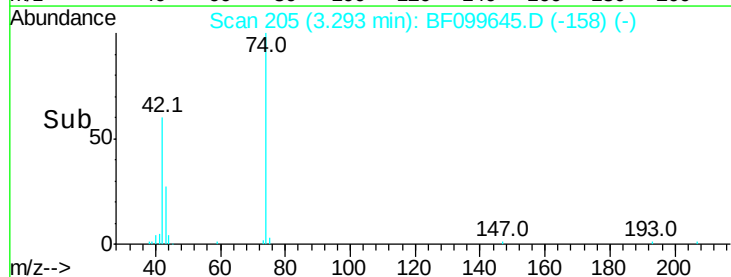
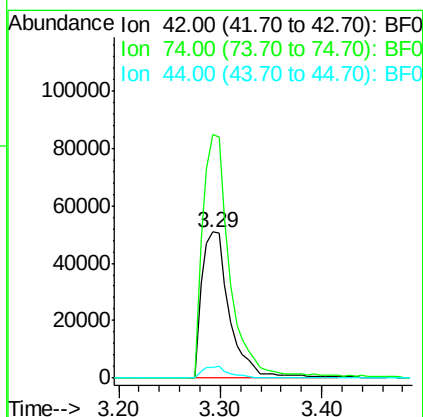
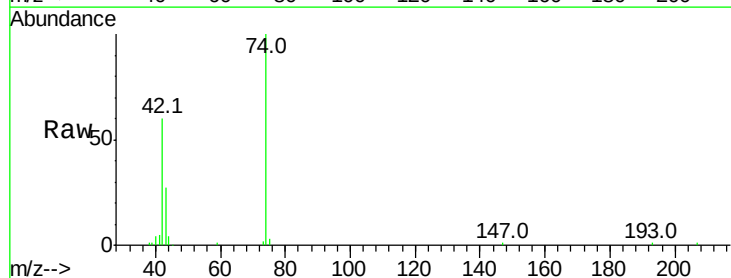
Instrument :
 BNA_F
 ClientSampleId :

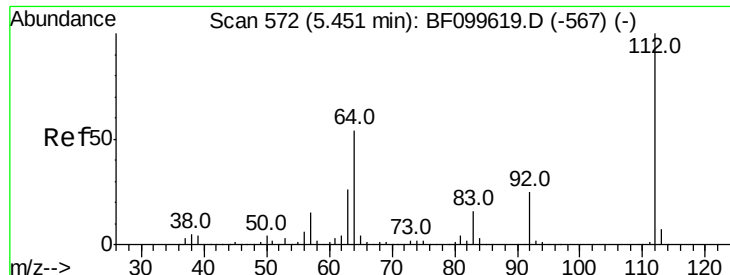
Tot Ion: 79 Resp: 261289
 Ion Ratio Lower Upper
 79 100
 52 66.8 59.8 89.6
 51 31.1 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 34.064 ng
 RT: 3.29 min Scan# 205
 Delta R.T. -0.02 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion: 42 Resp: 97504
 Ion Ratio Lower Upper
 42 100
 74 166.5 104.9 157.3#
 44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 89.568 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

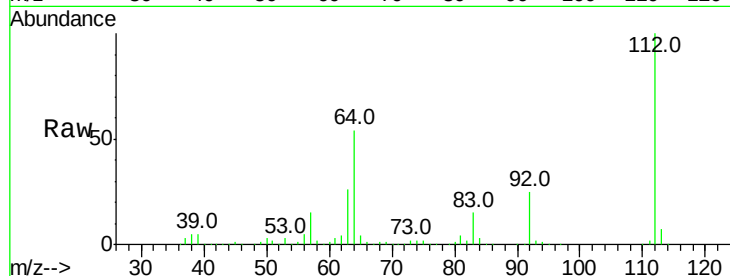
Tot Ion:112 Resp: 467861

Ion Ratio Lower Upper

112 100

64 54.3 47.9 71.9

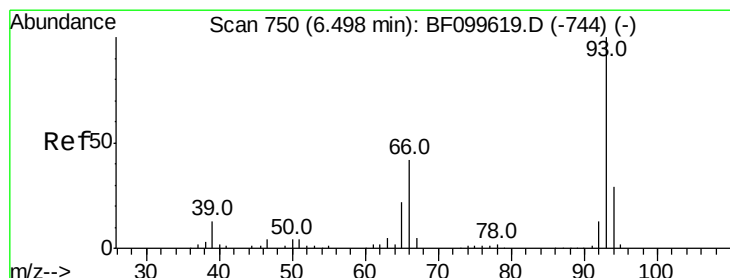
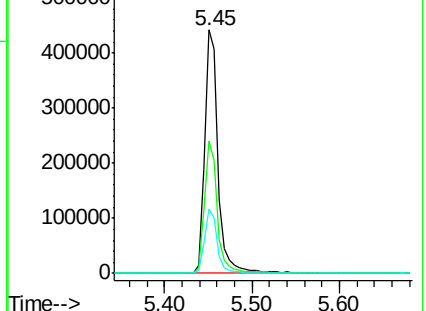
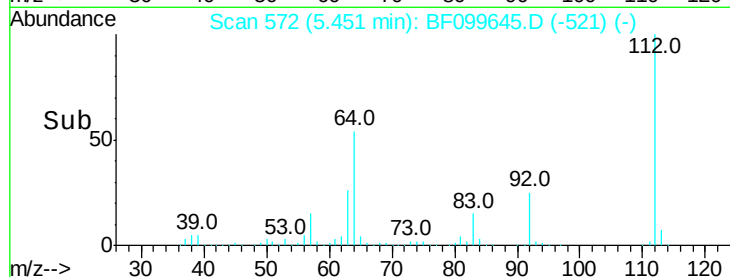
63 26.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.500 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

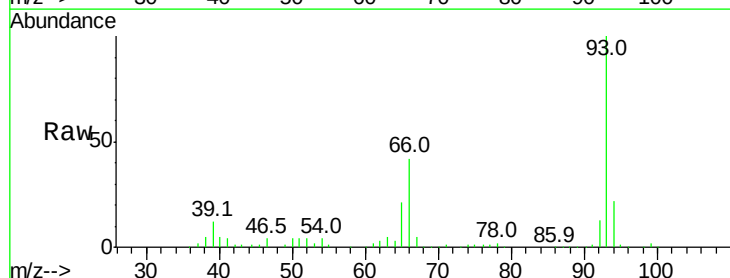
Tgt Ion: 93 Resp: 326134

Ion Ratio Lower Upper

93 100

66 42.4 32.2 48.2

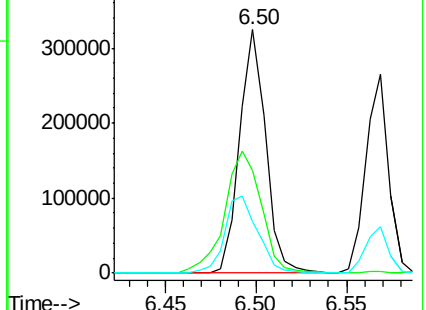
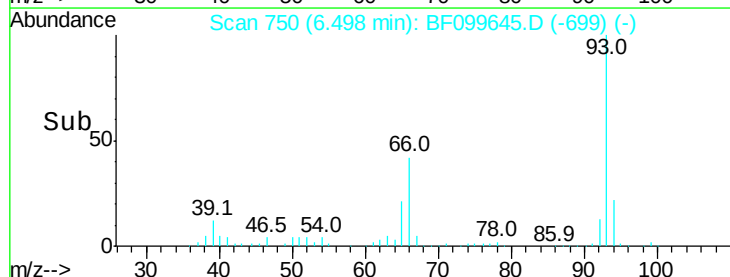
65 21.4 16.4 24.6

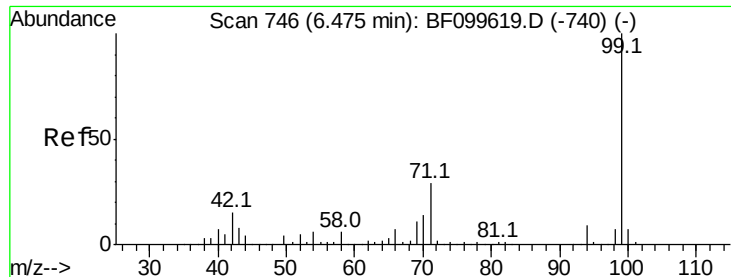


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.166 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

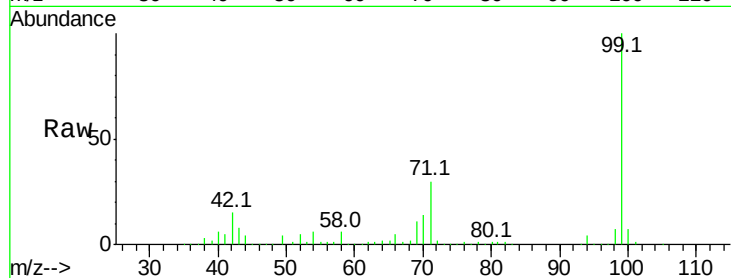
Tot Ion: 99 Resp: 529459

Ion Ratio Lower Upper

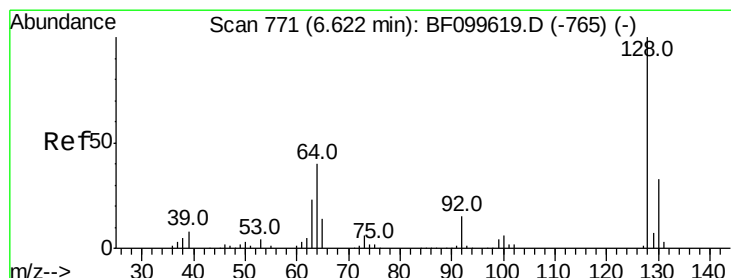
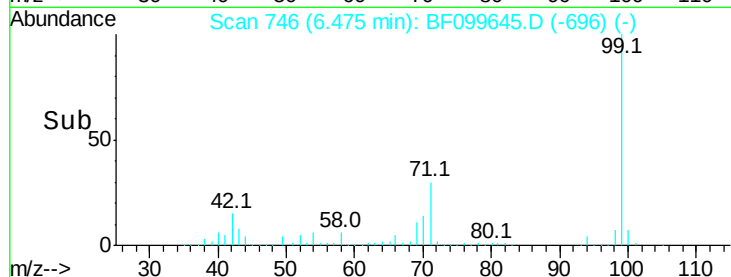
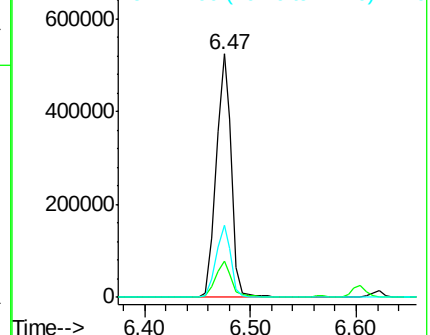
99 100

42 14.8 14.5 21.7

71 29.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.435 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

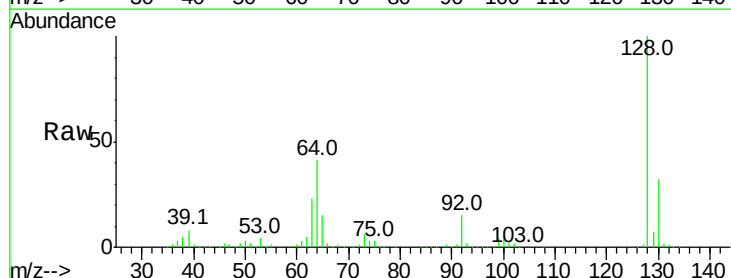
Tgt Ion: 128 Resp: 251018

Ion Ratio Lower Upper

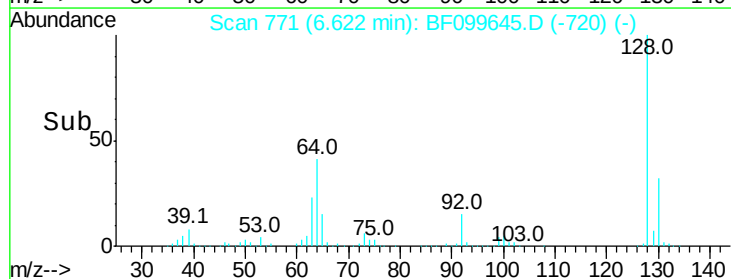
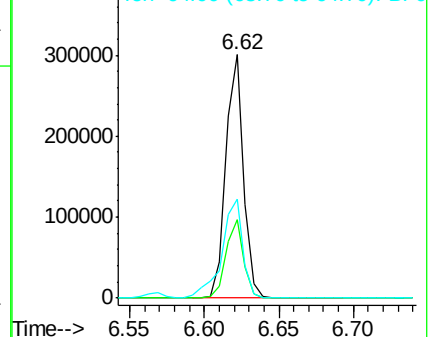
128 100

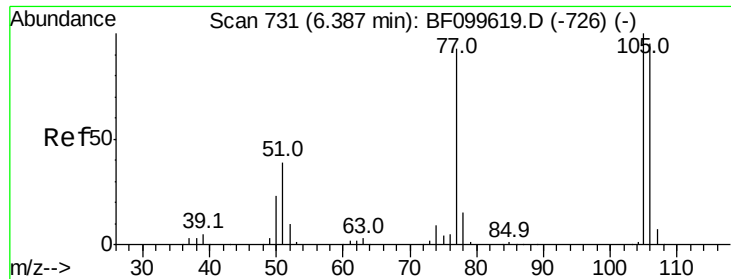
130 32.4 13.0 53.0

64 40.7 29.4 69.4



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): BF0





#9

Benzaldehyde

Concen: 35.213 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF099645.D

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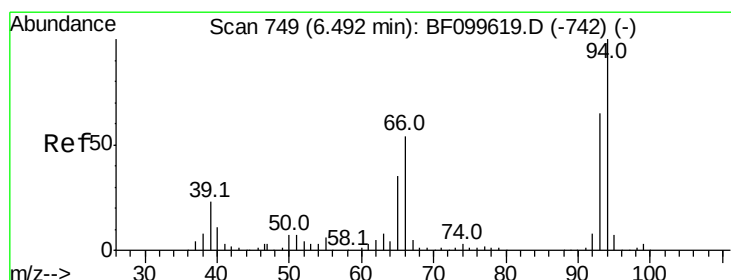
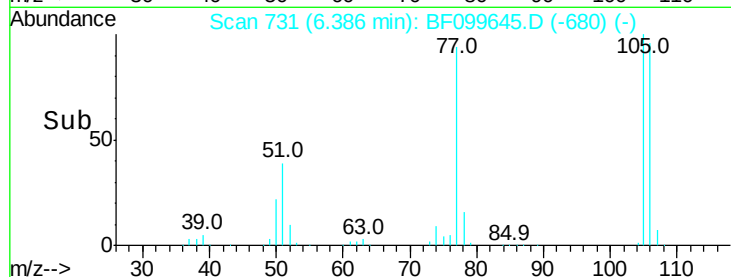
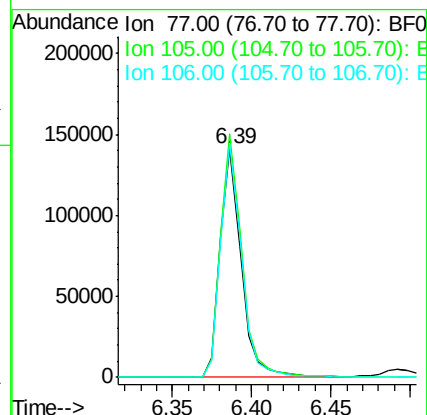
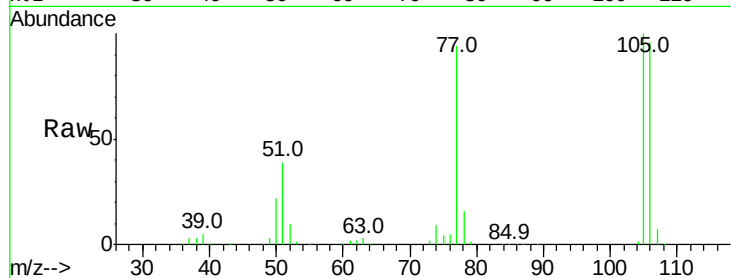
Tot Ion: 77 Resp: 131623

Ion Ratio Lower Upper

77 100

105 106.7 81.1 121.1

106 102.2 74.5 114.5



#10

Phenol

Concen: 41.786 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

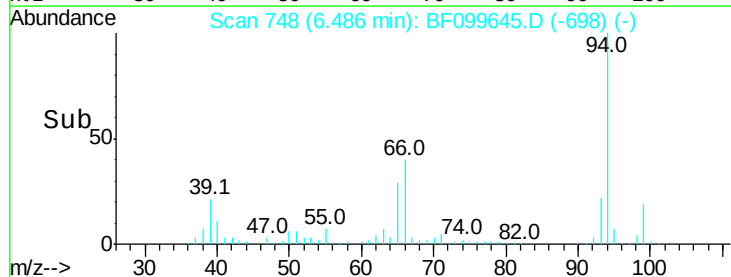
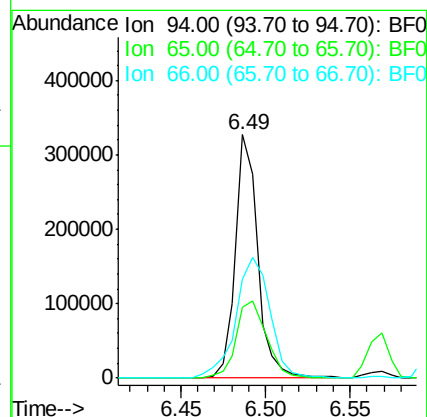
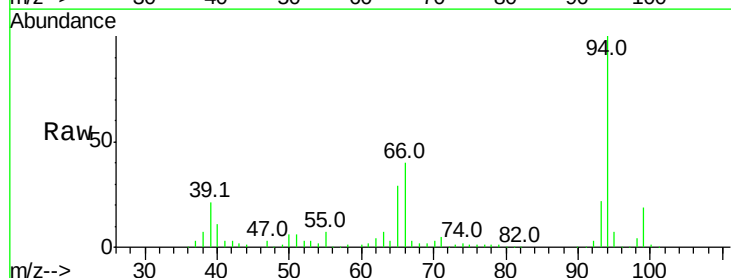
Tgt Ion: 94 Resp: 301136

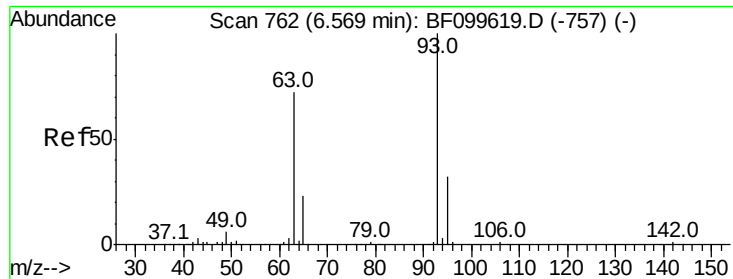
Ion Ratio Lower Upper

94 100

65 29.2 7.9 47.9

66 40.5 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 40.936 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

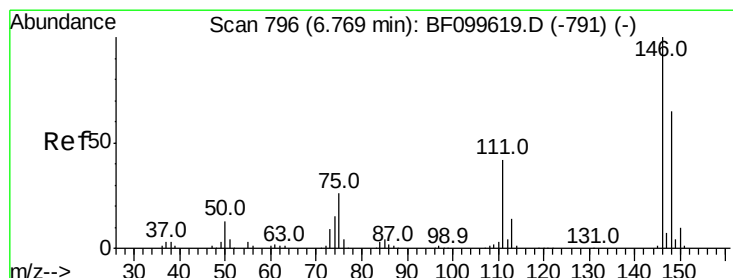
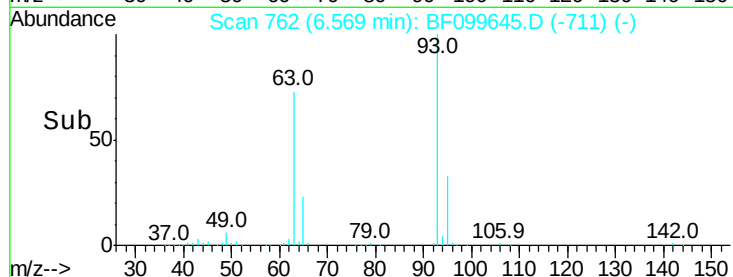
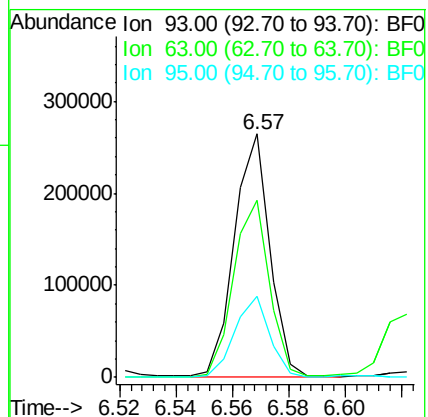
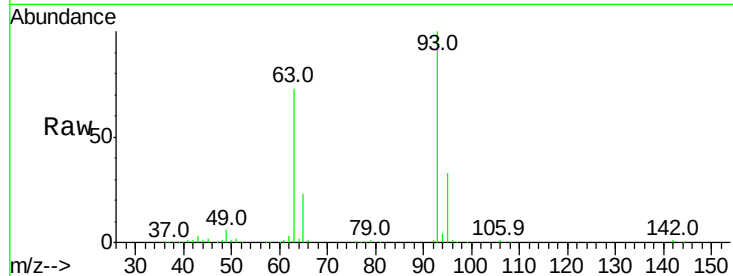
Tot Ion: 93 Resp: 229343

Ion Ratio Lower Upper

93 100

63 72.8 58.6 98.6

95 33.5 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 42.715 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

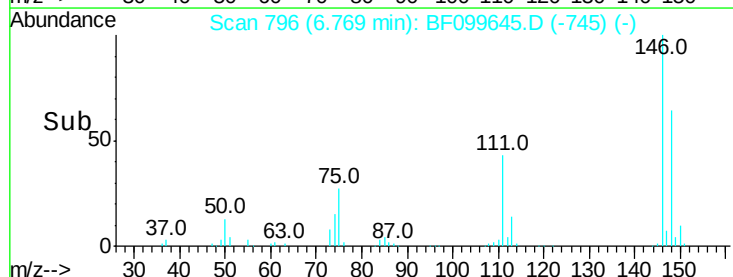
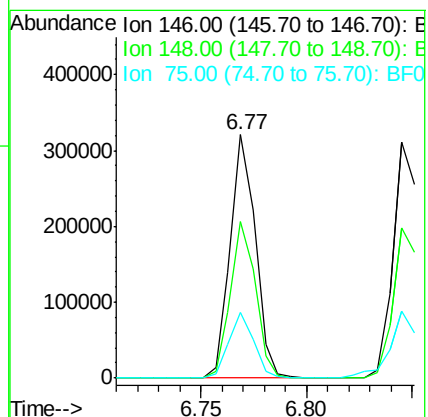
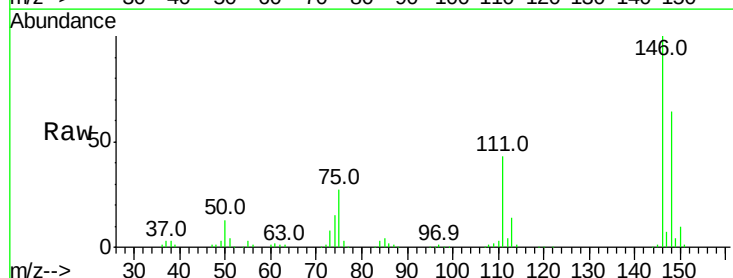
Tgt Ion: 146 Resp: 264620

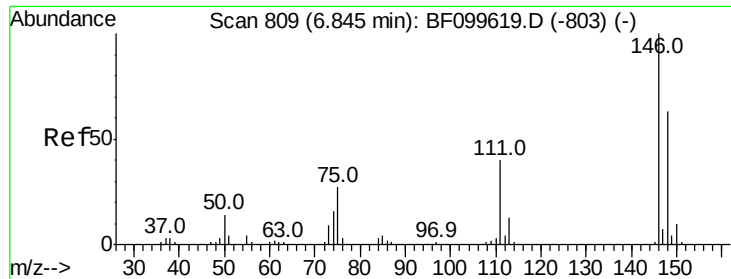
Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

75 27.0 24.2 36.4

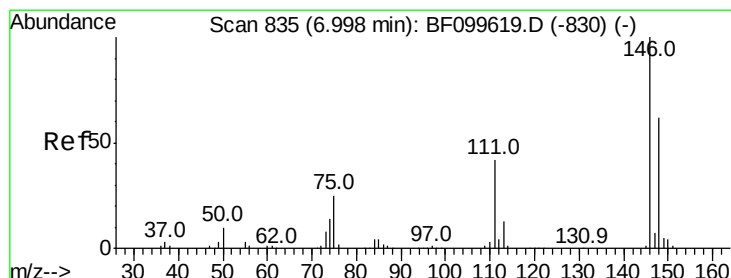
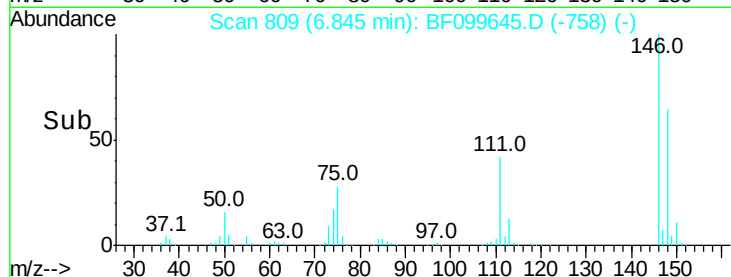
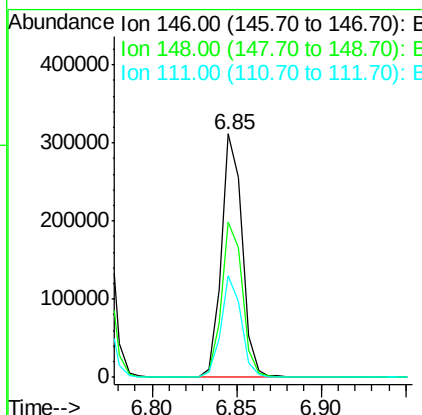
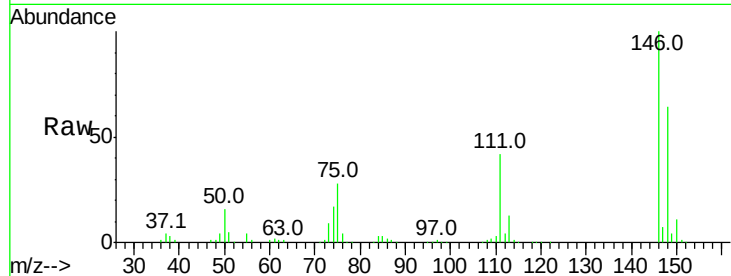




#13
 1,4-Dichlorobenzene
 Concen: 42.407 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

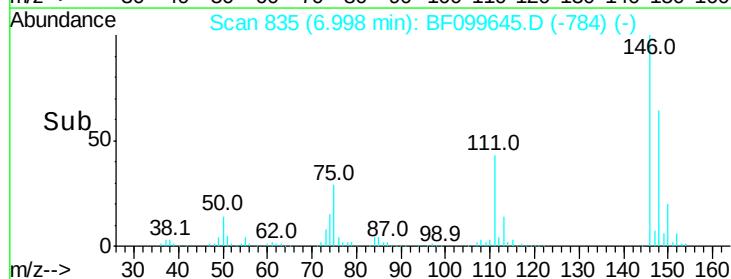
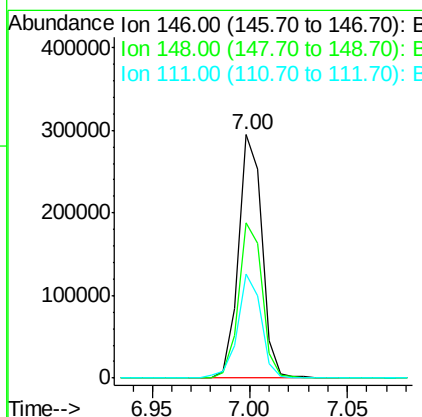
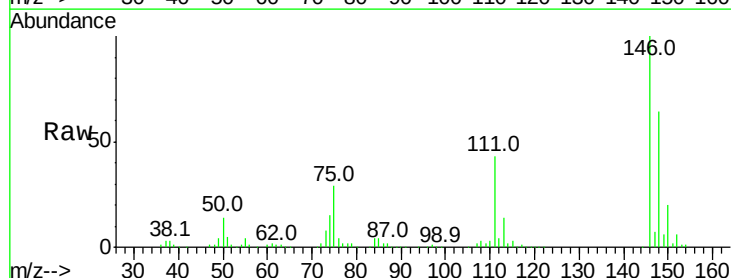
Instrument :
 BNA_F
 ClientSampleId :

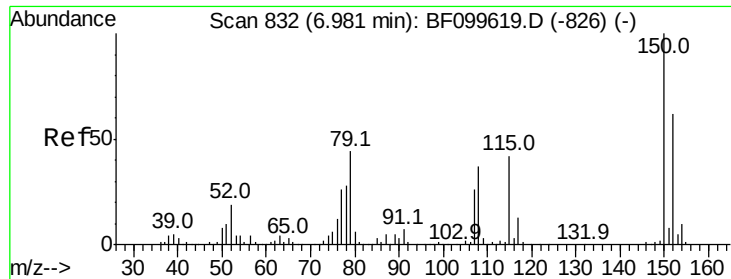
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	41.6	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 42.186 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	42.6	36.0	54.0

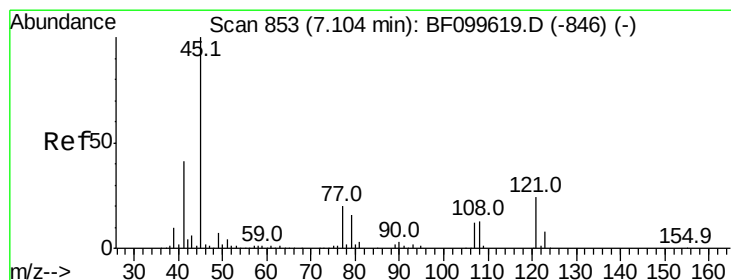
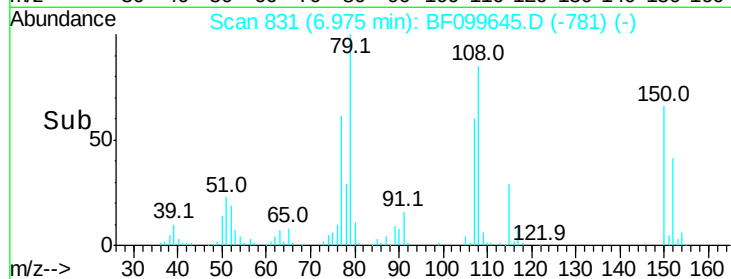
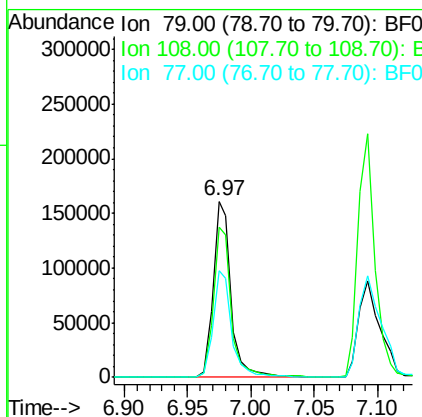
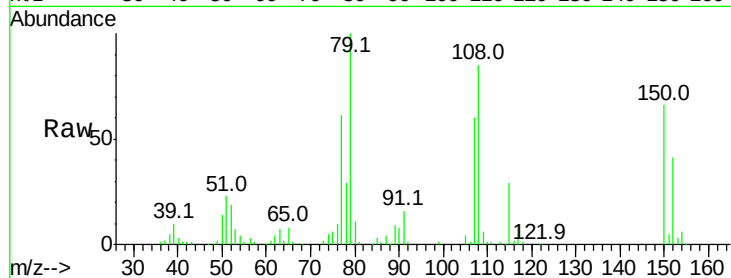




#15
Benzyl Alcohol
Concen: 34.261 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

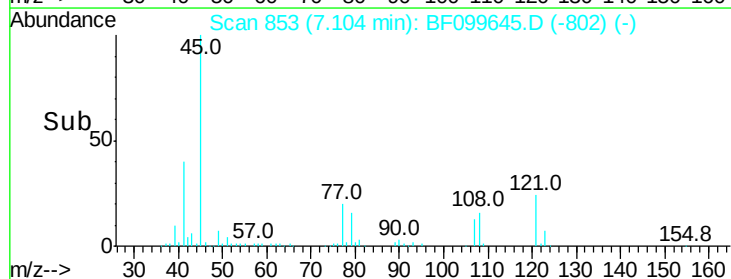
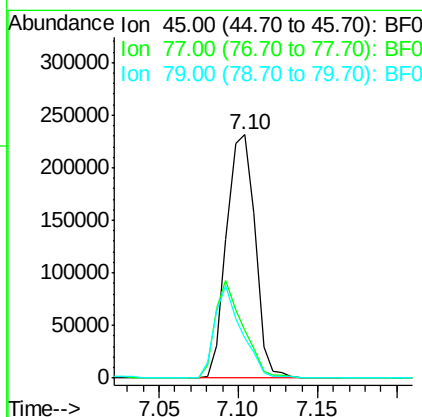
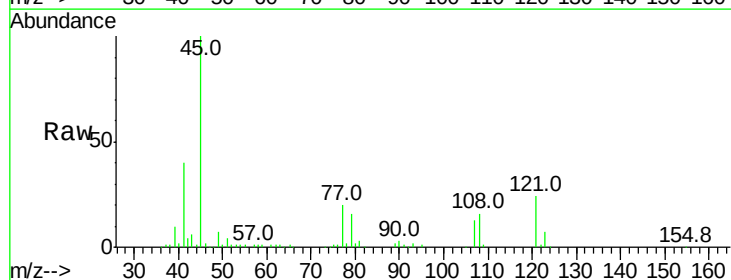
Instrument :
BNA_F
ClientSampled :

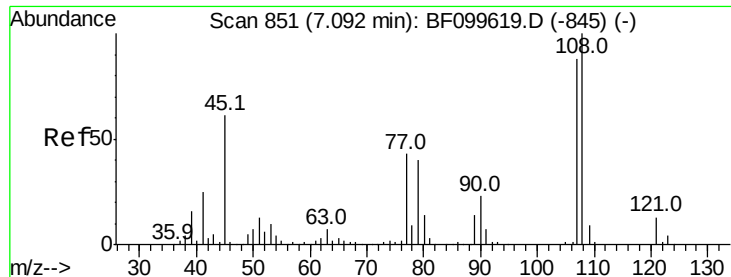
Tot Ion: 79 Resp: 161957
Ion Ratio Lower Upper
79 100
108 85.2 65.1 97.7
77 60.6 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.180 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion: 45 Resp: 289621
Ion Ratio Lower Upper
45 100
77 19.5 0.0 32.9
79 16.3 0.0 29.6

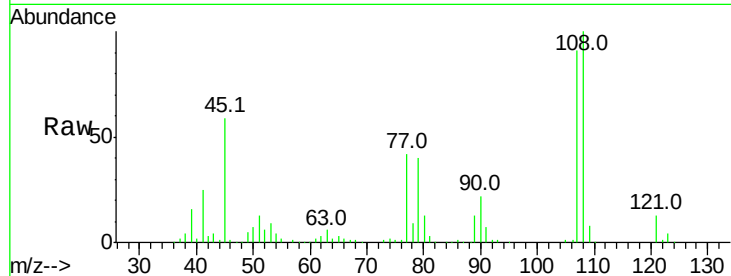




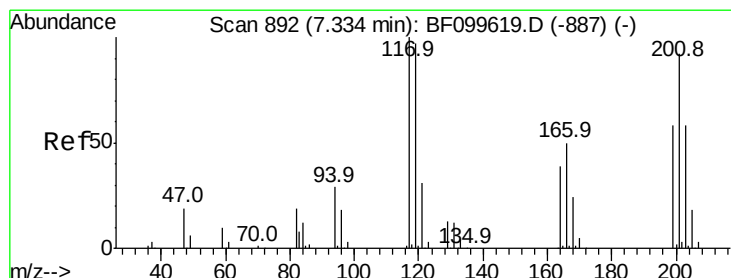
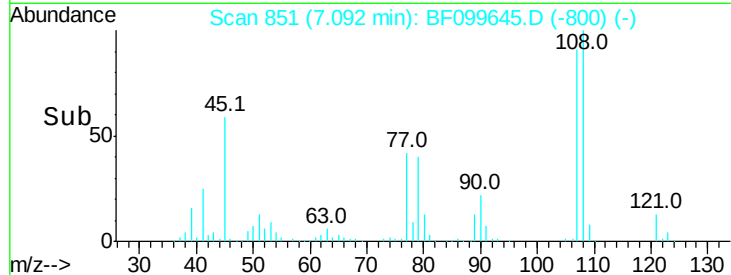
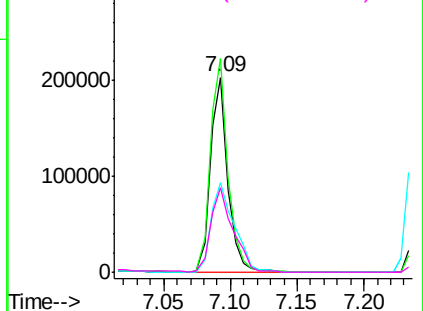
#17
2-Methylphenol
Concen: 38.369 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 185712
Ion Ratio Lower Upper
107 100
108 109.7 91.7 137.5
77 46.0 33.8 50.8
79 43.4 33.8 50.8

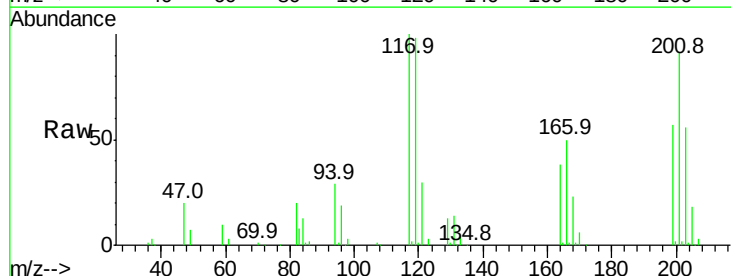


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

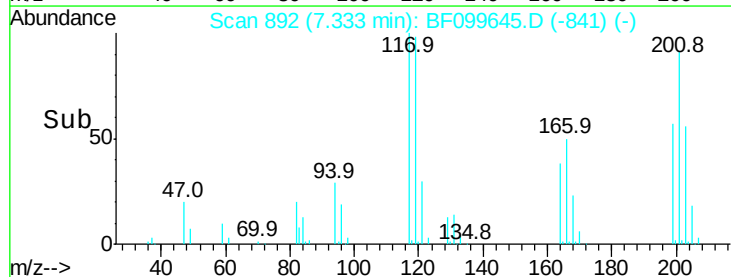
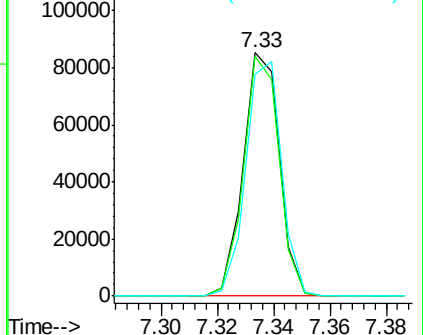


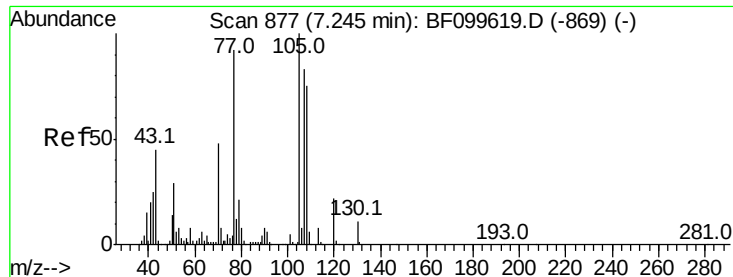
#18
Hexachloroethane
Concen: 33.414 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion:117 Resp: 75703
Ion Ratio Lower Upper
117 100
119 98.5 75.8 113.8
201 91.1 75.7 113.5



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

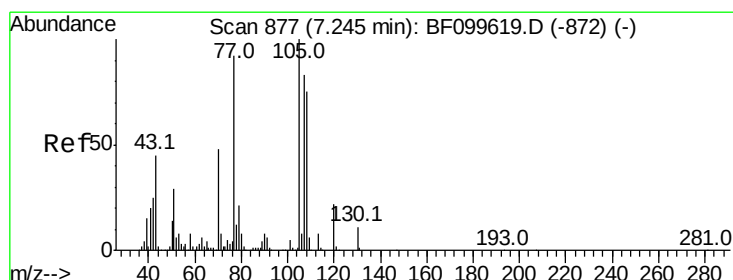
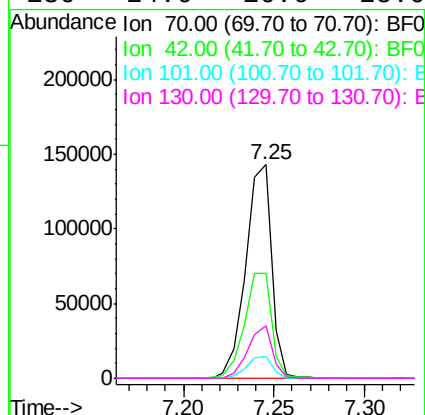
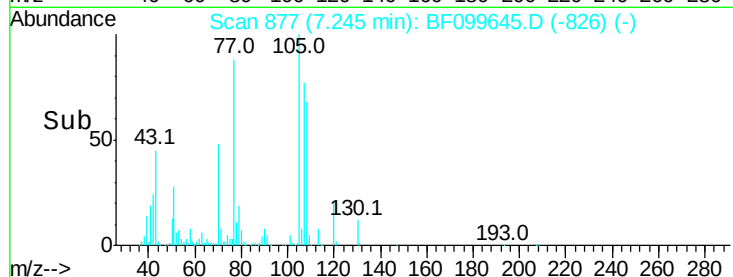
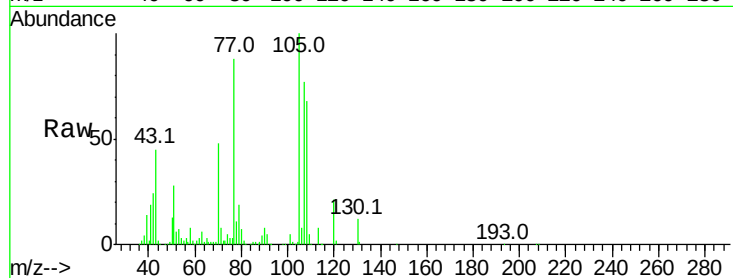




#19
n-Nitroso-di-n-propylamine
Concen: 34.529 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

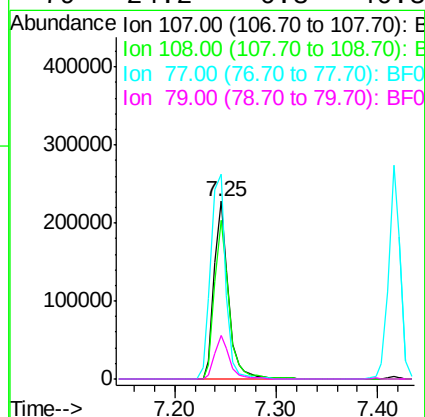
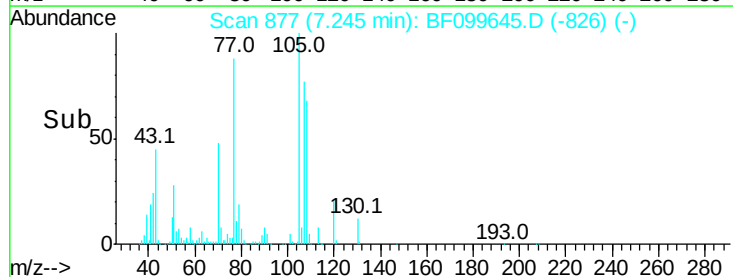
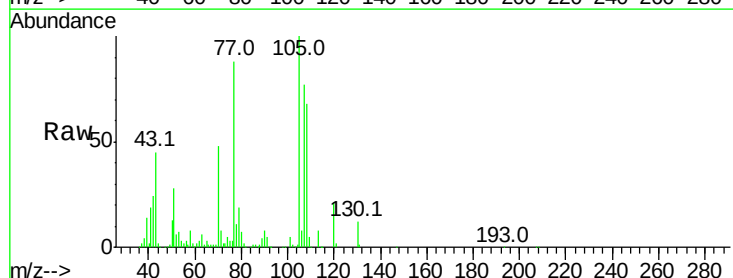
Instrument :
BNA_F
ClientSampleId :

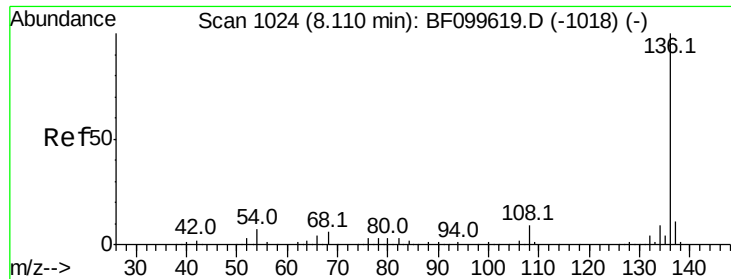
Tot Ion:	70	Resp:	142053
Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.5	71.3
101	10.2	7.4	11.2
130	24.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.885 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion:	107	Resp:	225853
Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.2	108.2
77	115.4	26.7	66.7#
79	24.2	6.3	46.3

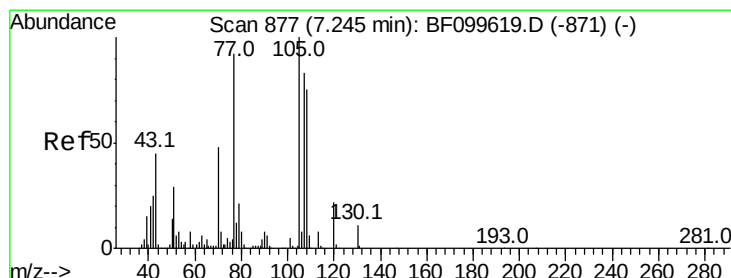
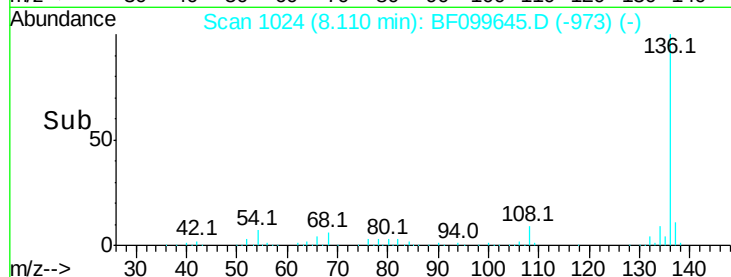
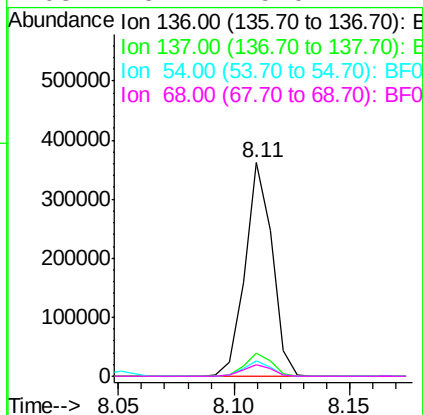
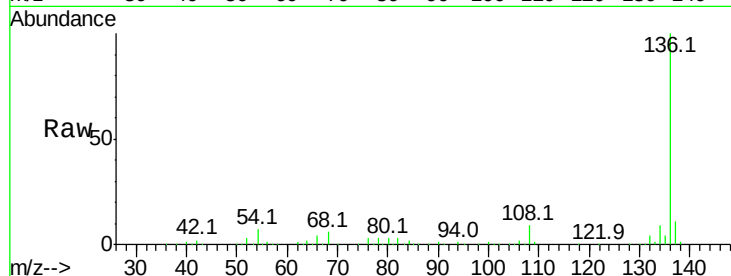




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

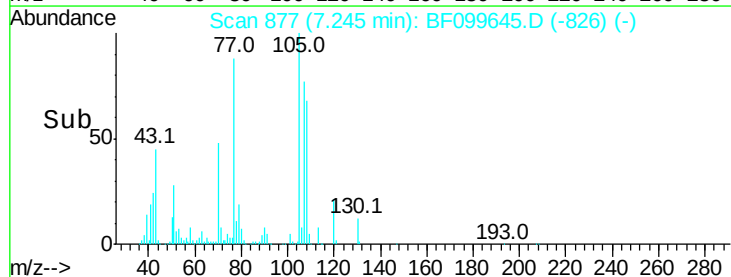
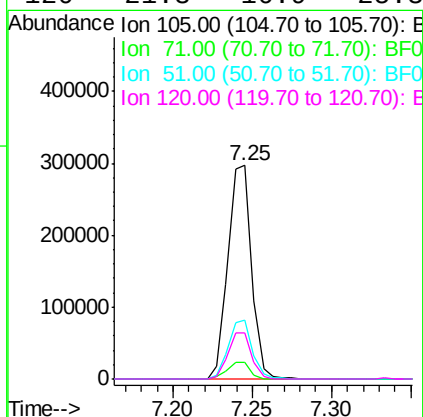
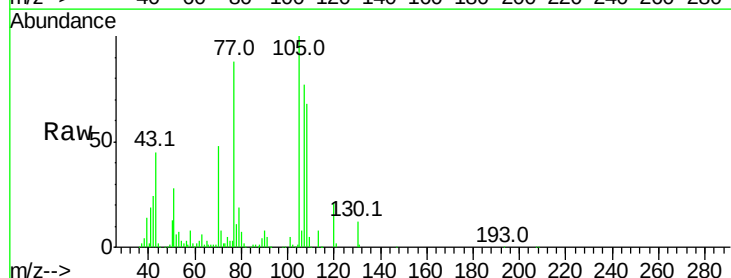
Instrument :
BNA_F
ClientSampleId :

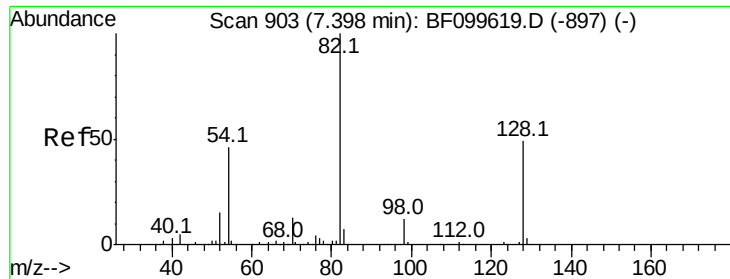
Tot Ion:136	Resp:	295677
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	7.0	6.6 9.8
68	5.7	5.0 7.4



#22
Acetophenone
Concen: 42.788 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion:105	Resp:	306525
Ion Ratio	Lower	Upper
105	100	
71	8.0	4.4 6.6#
51	27.5	22.3 33.5
120	21.3	16.9 25.3

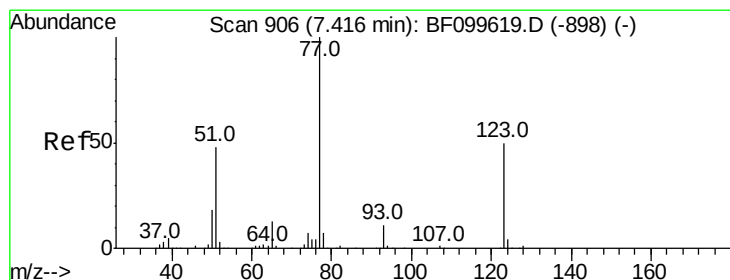
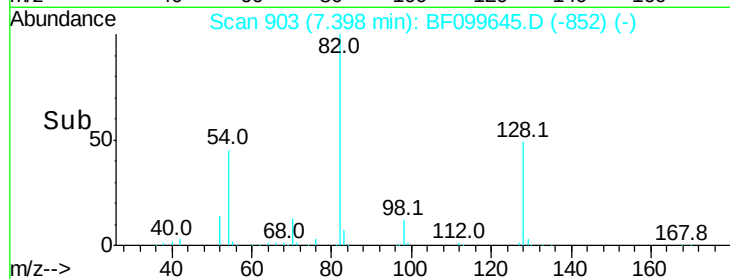
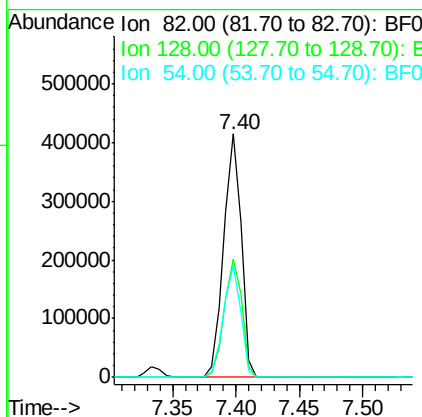
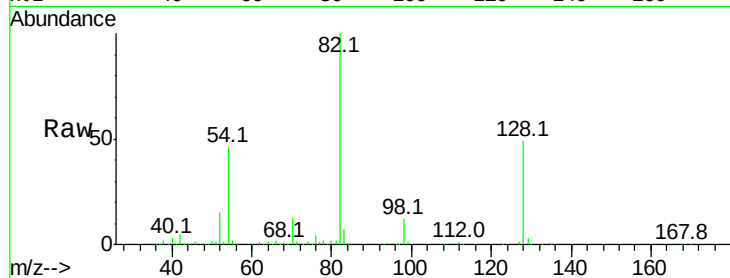




#23
 Nitrobenzene-d5
 Concen: 86.649 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

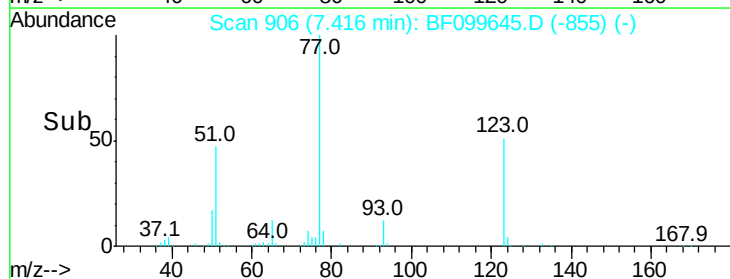
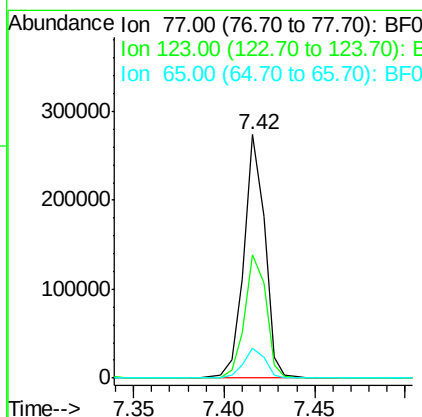
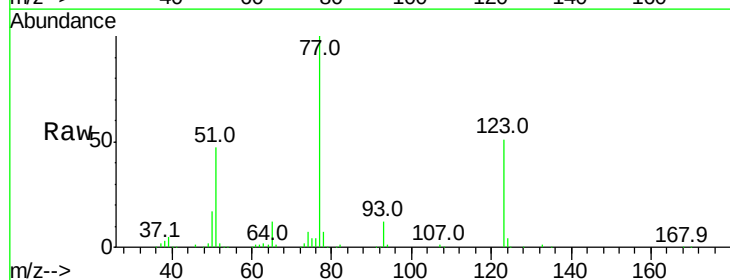
Instrument :
 BNA_F
 ClientSampleId :

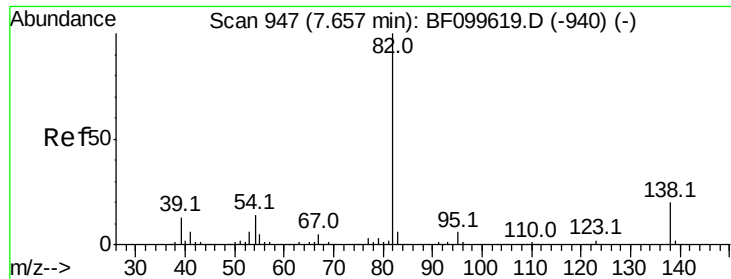
Tot Ion: 82 Resp: 399504
 Ion Ratio Lower Upper
 82 100
 128 48.7 36.1 54.1
 54 45.7 41.4 62.2



#24
 Nitrobenzene
 Concen: 42.081 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion: 77 Resp: 220087
 Ion Ratio Lower Upper
 77 100
 123 50.9 37.9 56.9
 65 12.1 11.0 16.4





#25

Isophorone

Concen: 39.890 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

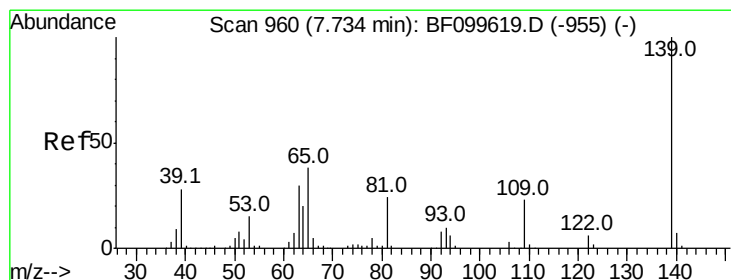
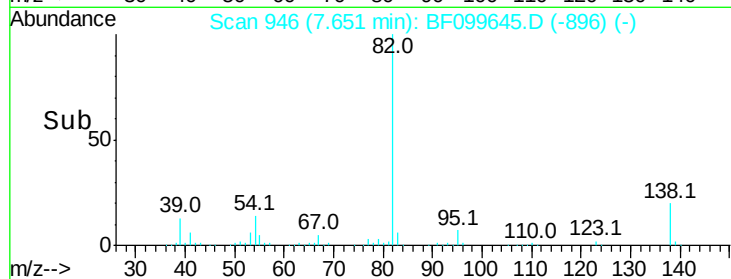
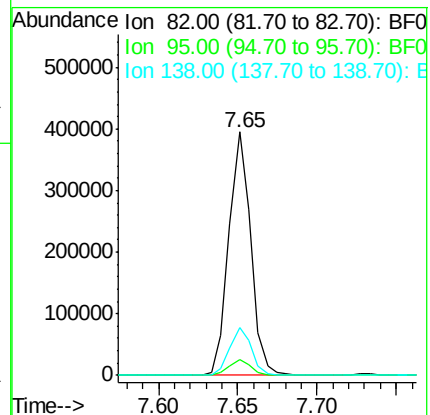
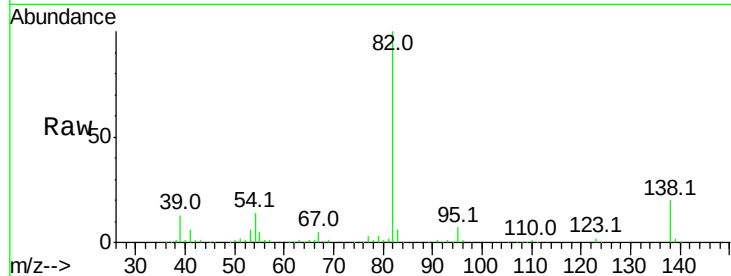
Tot Ion: 82 Resp: 380248

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 19.5 14.9 22.3



#26

2-Nitrophenol

Concen: 43.402 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

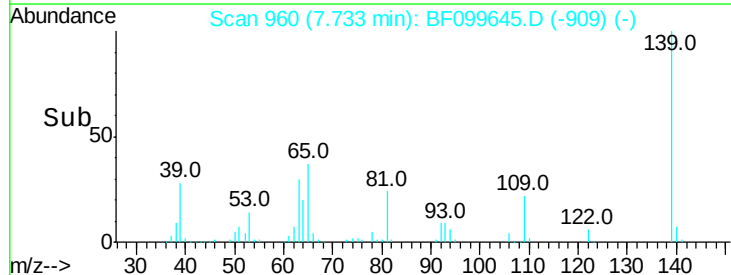
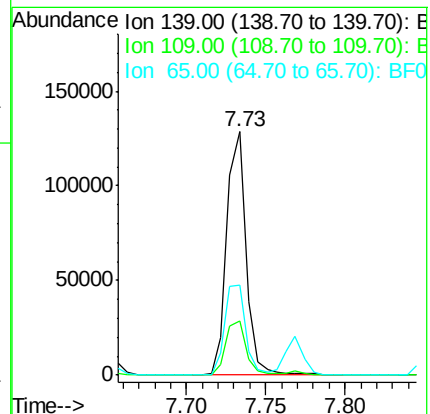
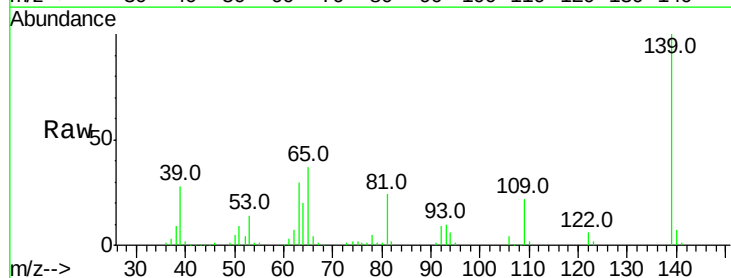
Tgt Ion: 139 Resp: 109157

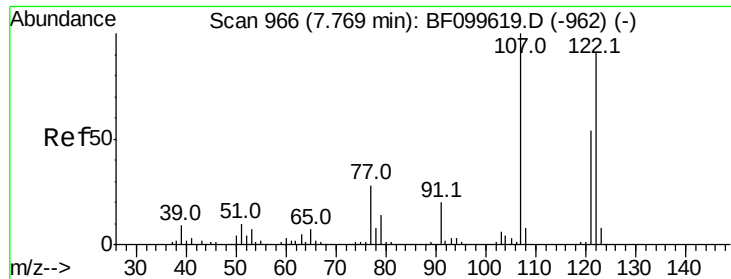
Ion Ratio Lower Upper

139 100

109 22.3 22.7 34.1#

65 37.1 40.5 60.7#

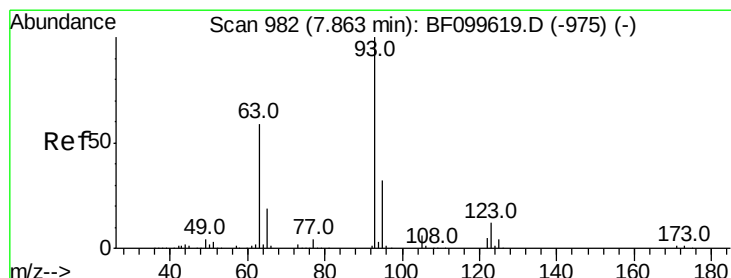
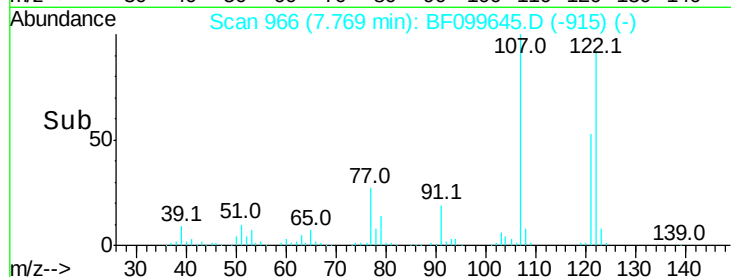
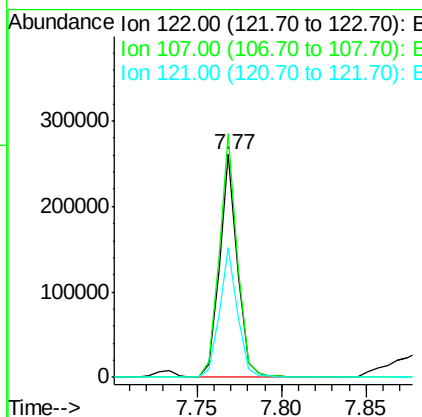
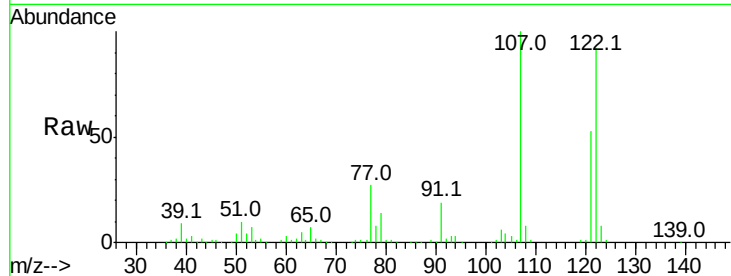




#27
2,4-Dimethylphenol
Concen: 40.565 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

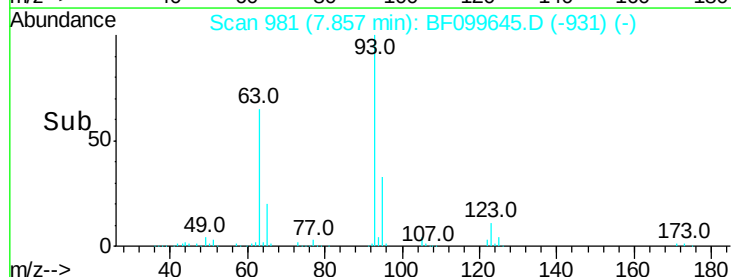
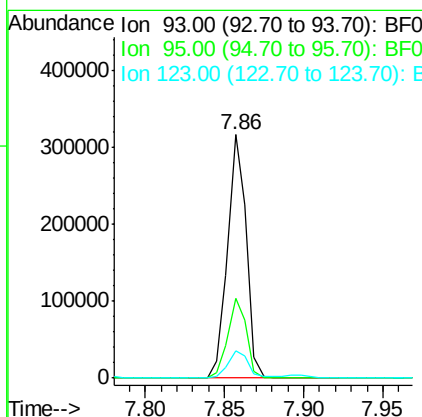
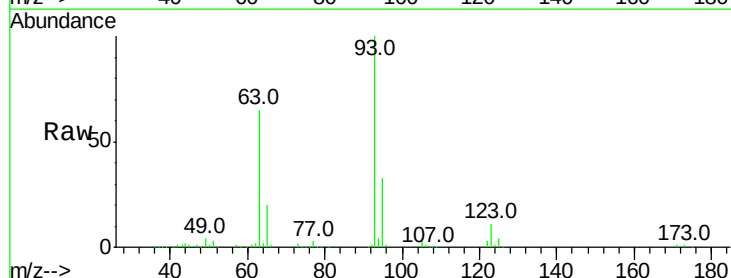
Instrument :
BNA_F
ClientSampleId :

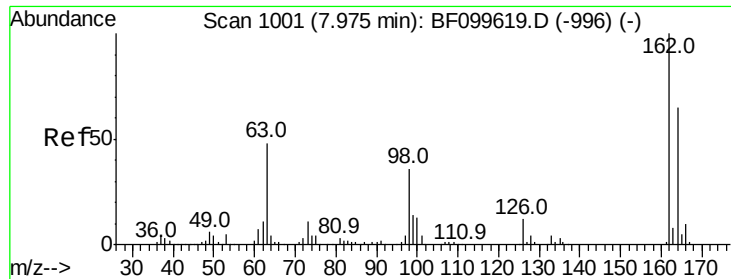
Tot Ion:122 Resp: 192671
Ion Ratio Lower Upper
122 100
107 109.2 91.2 136.8
121 58.4 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.518 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion: 93 Resp: 258515
Ion Ratio Lower Upper
93 100
95 32.8 26.3 39.5
123 11.0 9.8 14.6

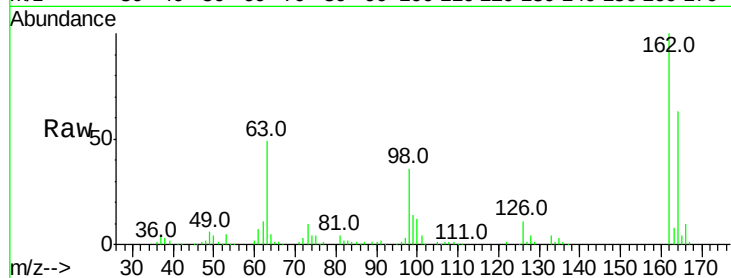




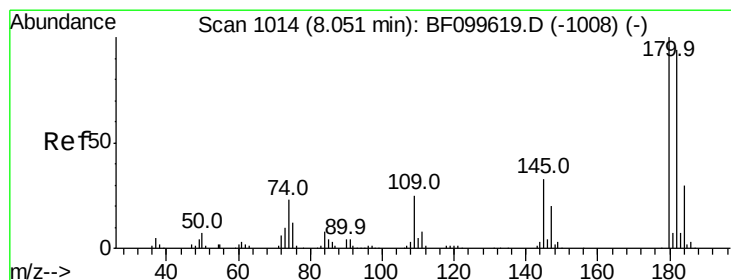
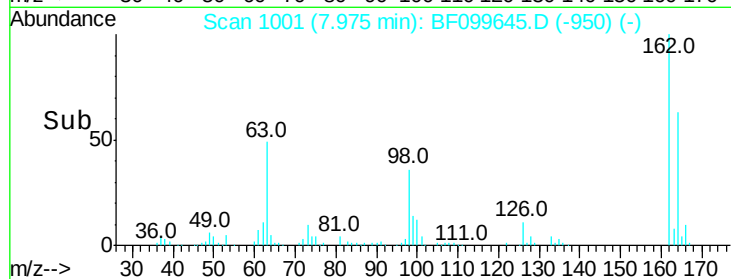
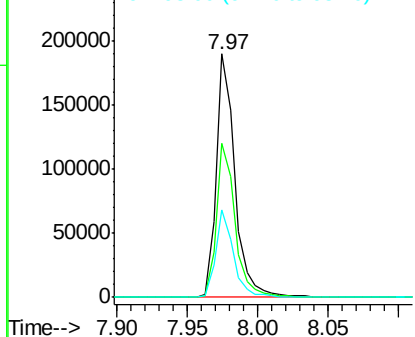
#29
 2,4-Dichlorophenol
 Concen: 42.715 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.7	82.7
98	35.7	18.1	58.1

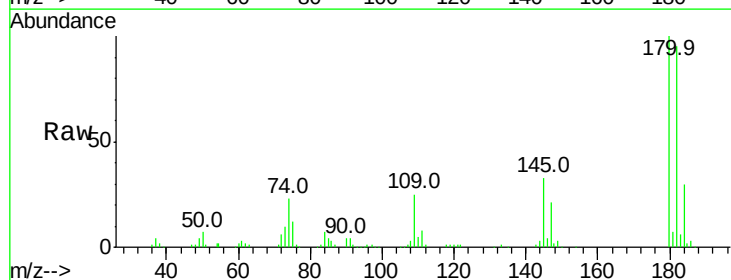


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

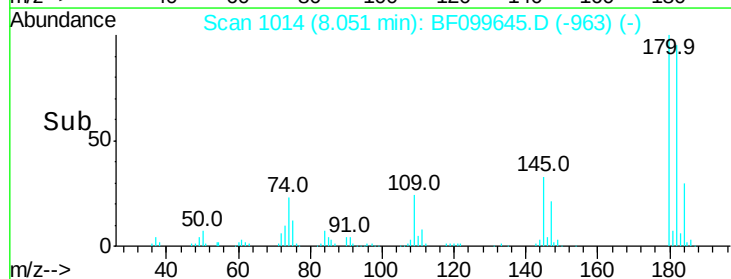
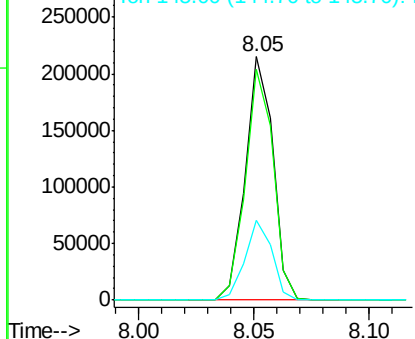


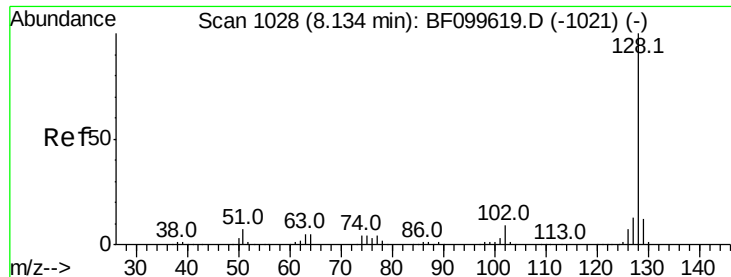
#30
 1,2,4-Trichlorobenzene
 Concen: 44.385 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.8	115.2
145	32.8	26.5	39.7



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

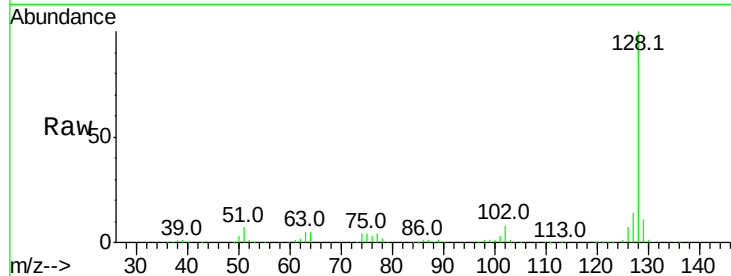




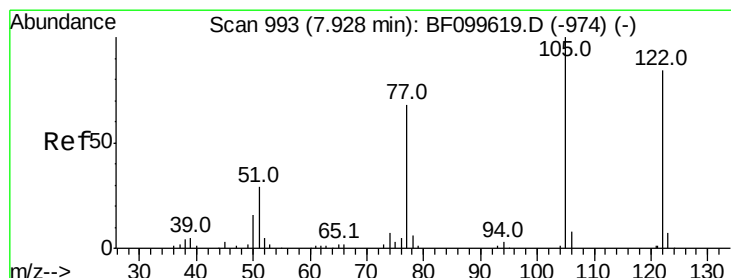
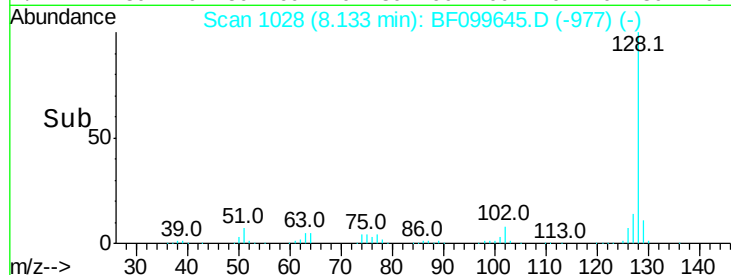
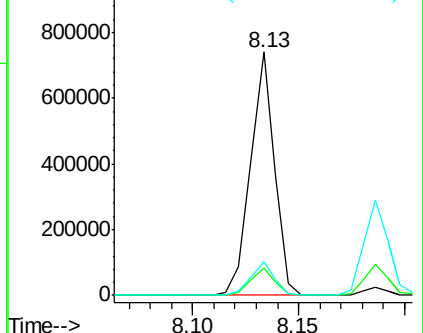
#31
Naphthalene
Concen: 42.163 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.8	10.9	16.3

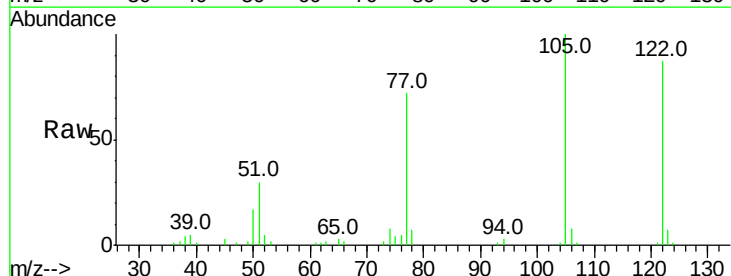


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

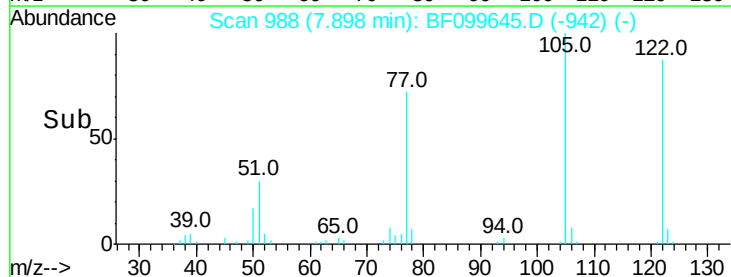
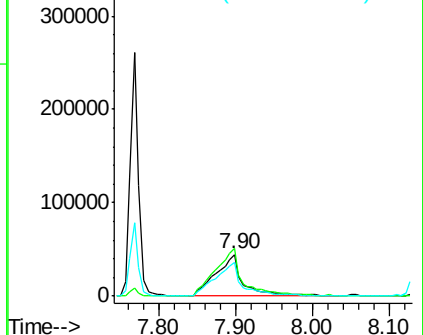


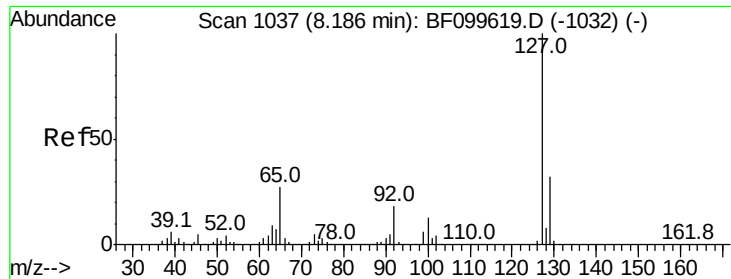
#32
Benzoic acid
Concen: 26.503 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.5	101.1	141.1
77	82.0	70.7	110.7



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): BF0

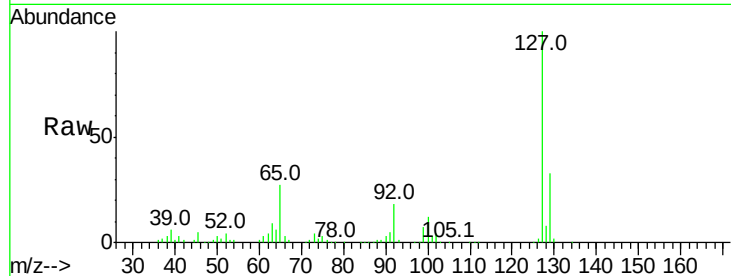




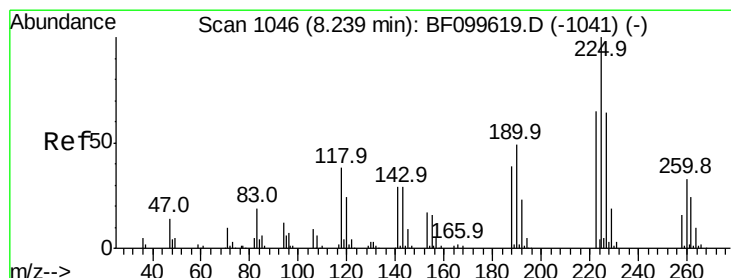
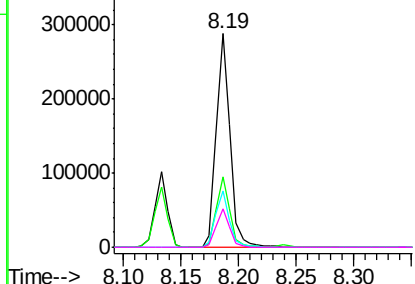
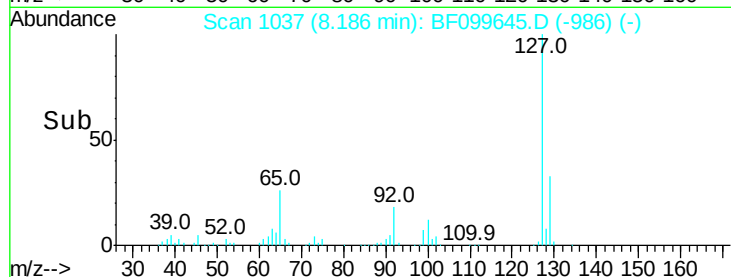
#33
4-Chloroaniline
Concen: 41.068 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	238159
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	26.5	25.0	37.4
92	18.0	15.2	22.8

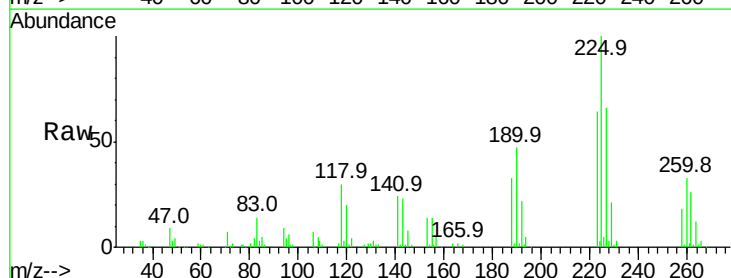


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

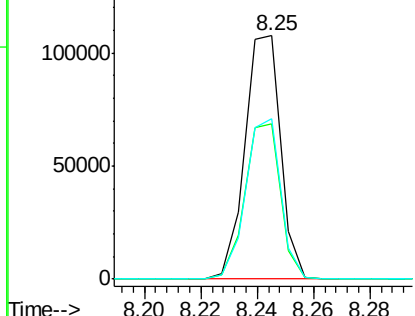
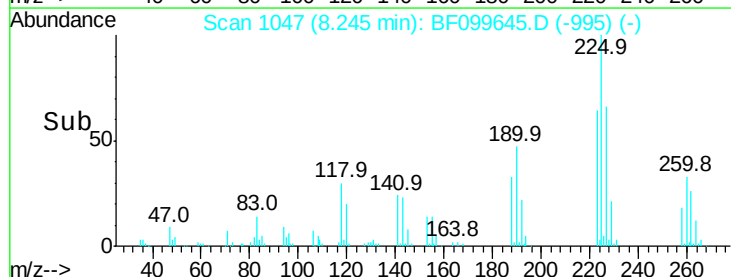


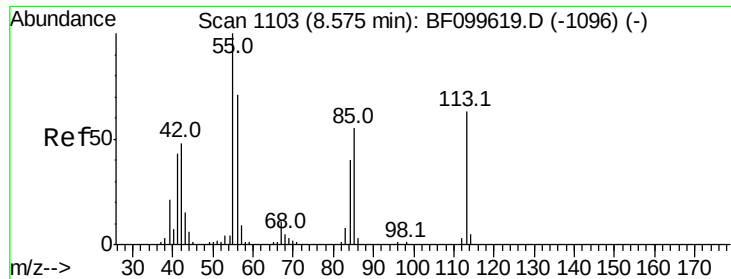
#34
Hexachlorobutadiene
Concen: 44.998 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion:	225	Resp:	94530
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	65.6	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

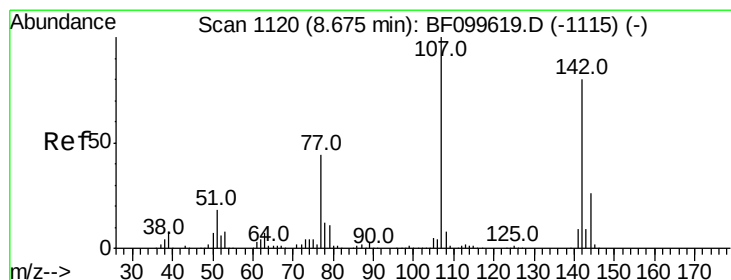
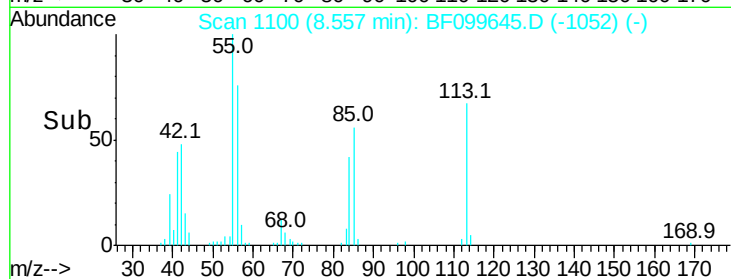
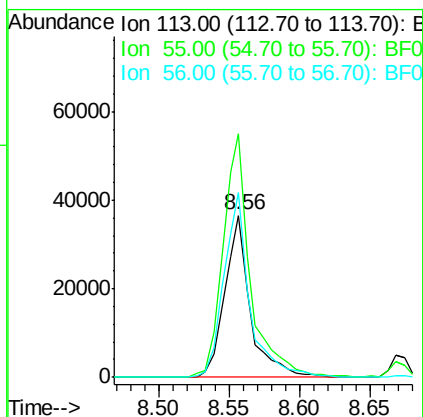
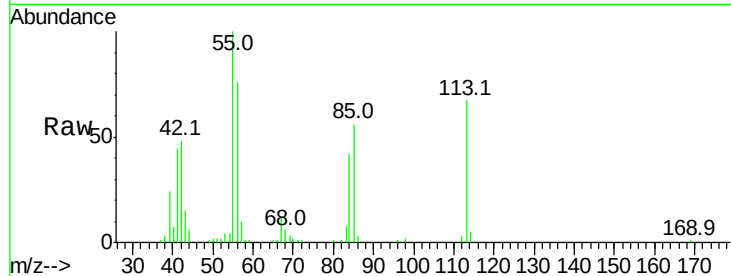




#35
Caprolactam
Concen: 34.992 ng
RT: 8.56 min Scan# 1100
Delta R.T. -0.02 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

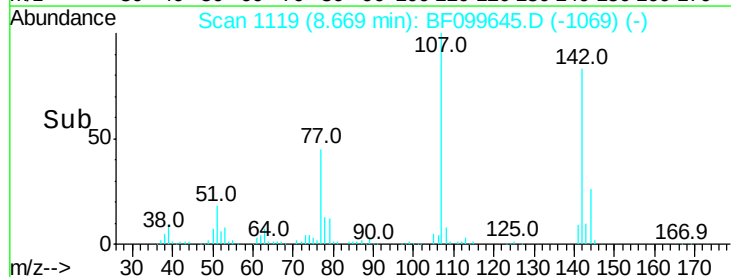
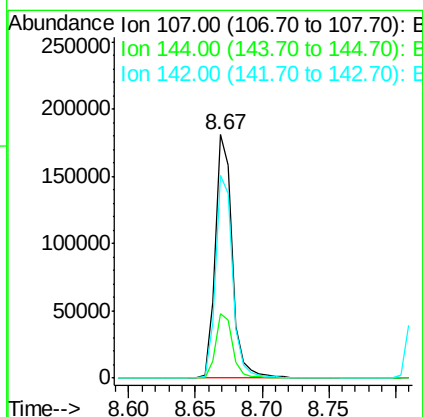
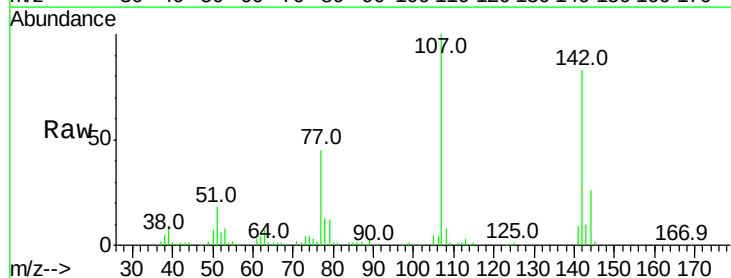
Instrument :
BNA_F
ClientSampled :

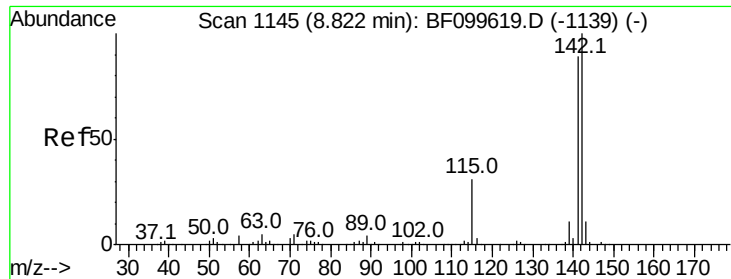
Tot Ion:113 Resp: 45773
Ion Ratio Lower Upper
113 100
55 150.0 163.3 203.3#
56 113.9 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 35.808 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion:107 Resp: 164130
Ion Ratio Lower Upper
107 100
144 26.4 20.5 30.7
142 83.3 62.0 93.0

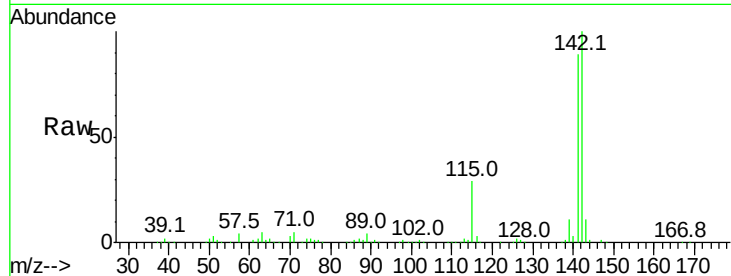




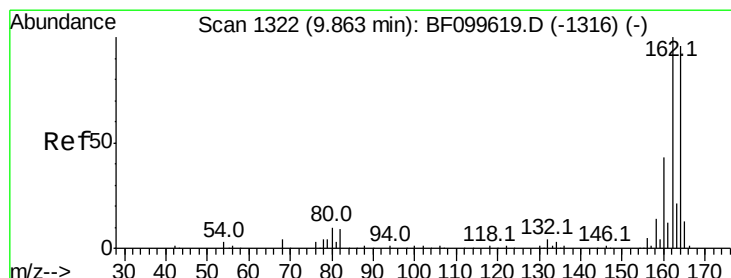
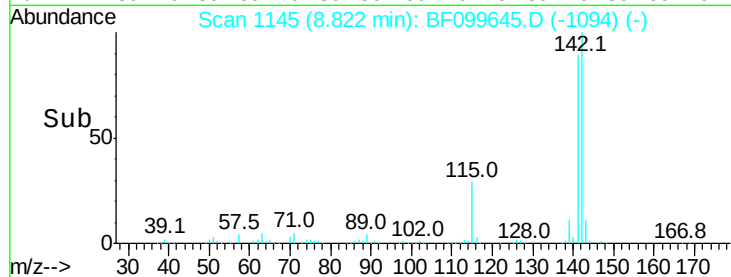
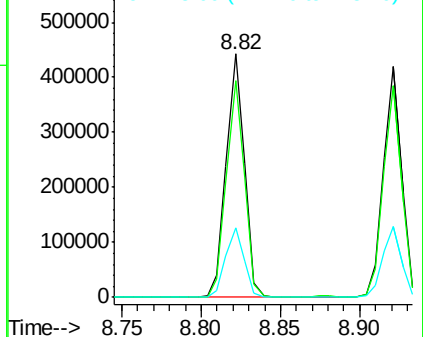
#37
2-Methylnaphthalene
Concen: 39.012 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	28.8	26.1	39.1

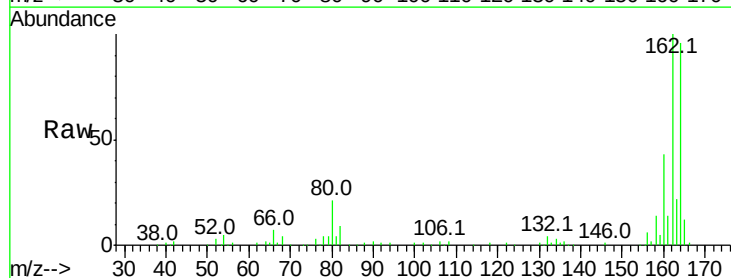


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

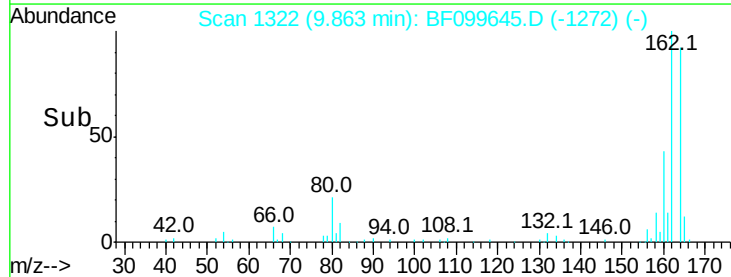
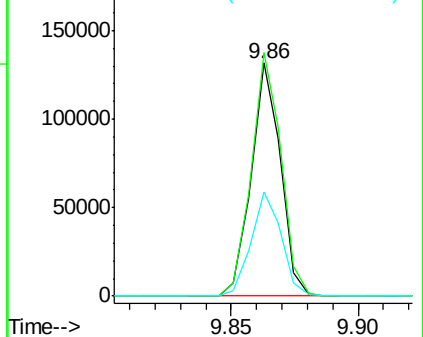


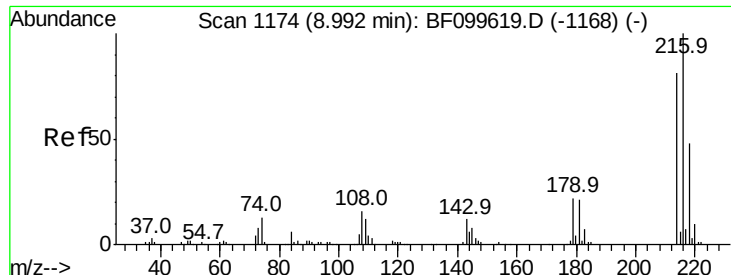
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	44.8	38.3	57.5



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

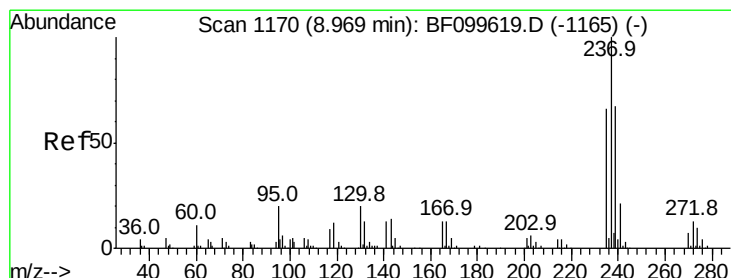
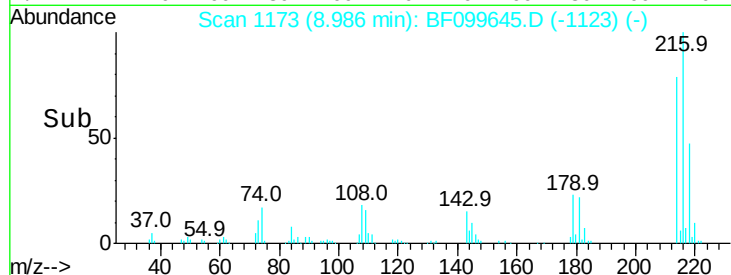
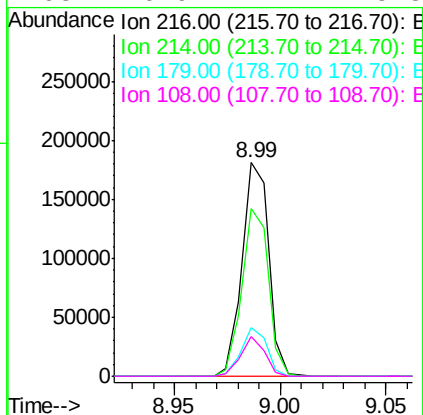
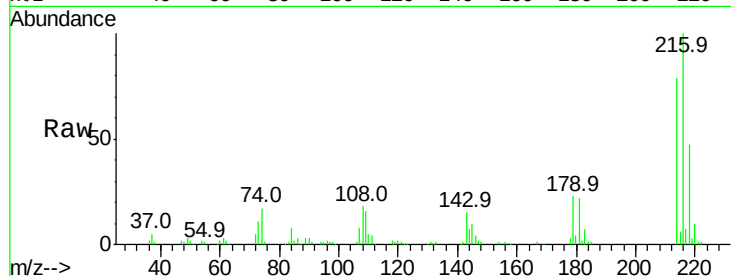




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.627 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

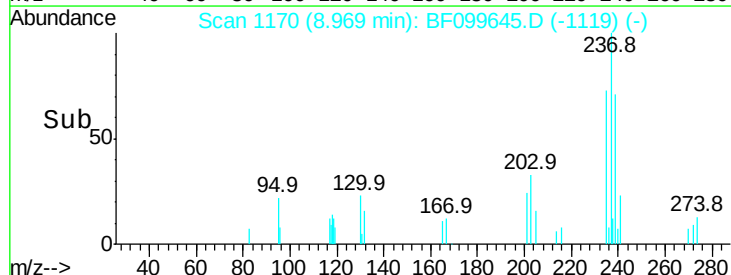
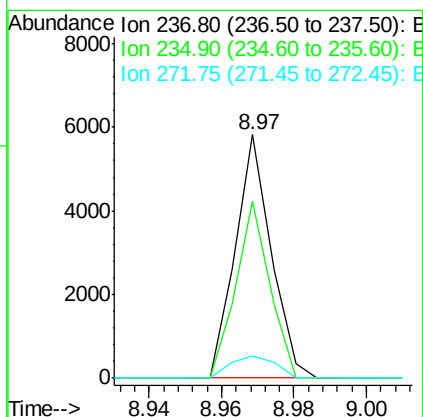
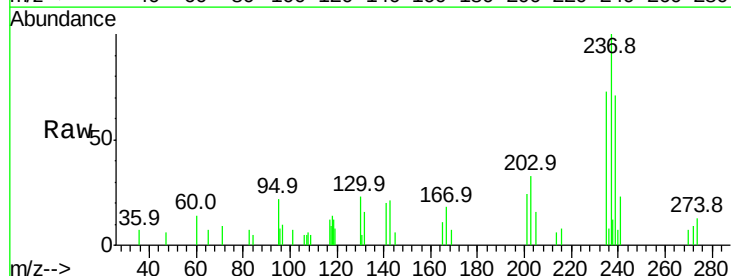
Instrument :
 BNA_F
 ClientSampleId :

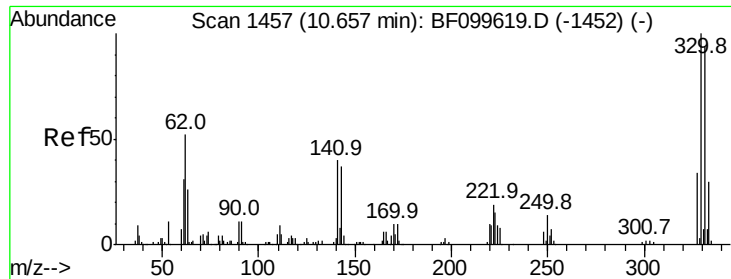
Tot Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	21.9	18.1	27.1
108	16.9	17.2	25.8#



#40
 Hexachlorocyclopentadiene
 Concen: 2.790 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
237	100		
235	73.0	44.8	84.8
272	9.0	0.0	33.3

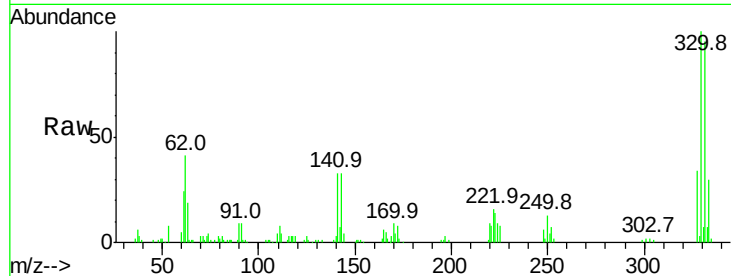




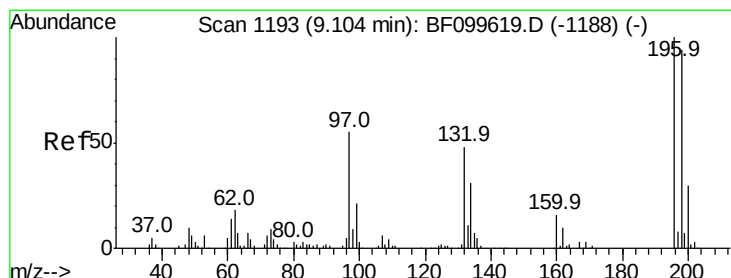
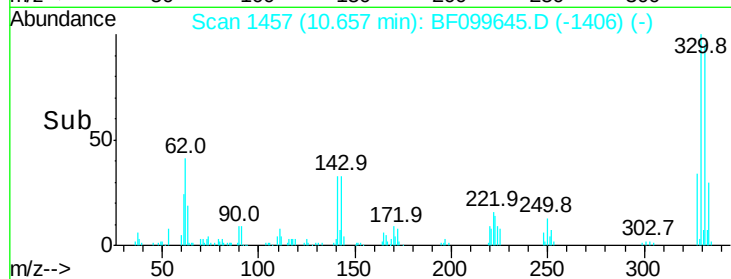
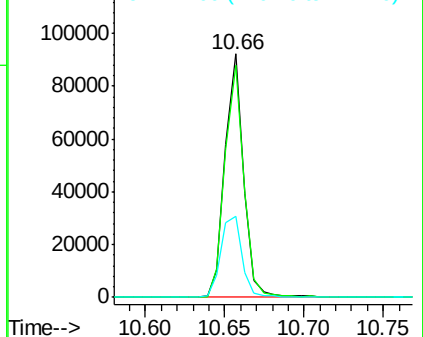
#41
 2,4,6-Tribromophenol
 Concen: 87.282 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 75139
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 37.5 29.9 44.9

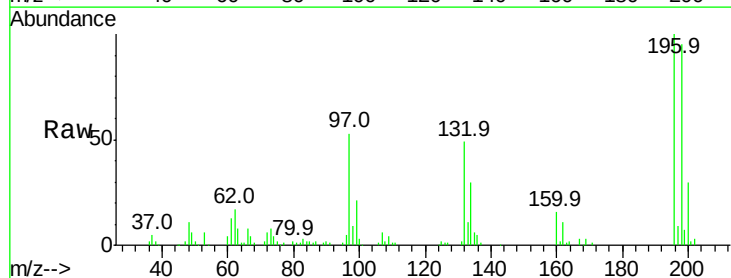


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

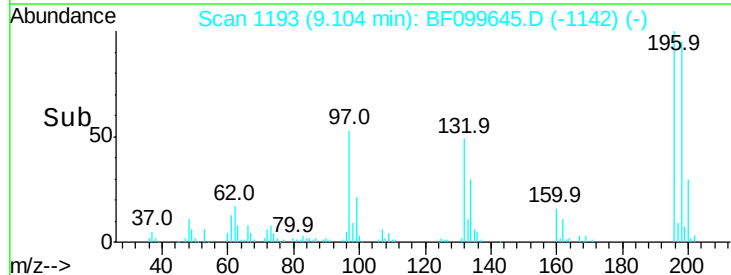
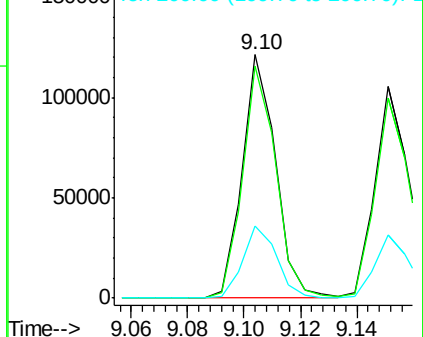


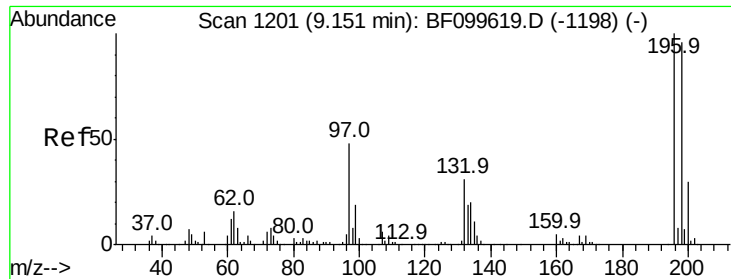
#42
 2,4,6-Trichlorophenol
 Concen: 44.791 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion:196 Resp: 99560
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 200 29.5 24.5 36.7



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

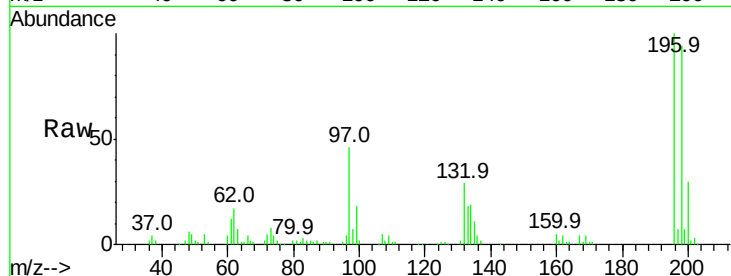




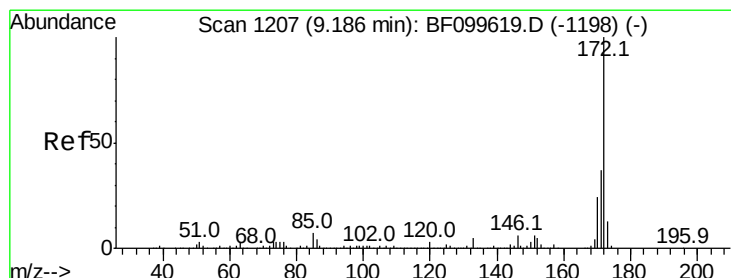
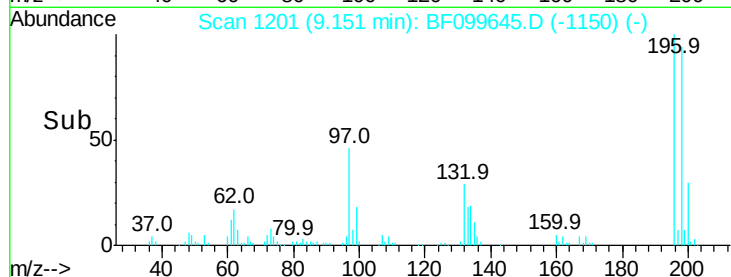
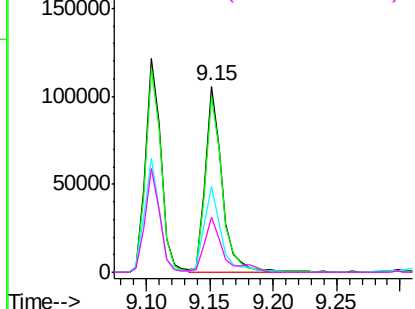
#43
 2,4,5-Trichlorophenol
 Concen: 44.291 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 98275
 Ion Ratio Lower Upper
 196 100
 198 94.2 74.6 112.0
 97 46.3 42.9 64.3
 132 29.5 26.3 39.5

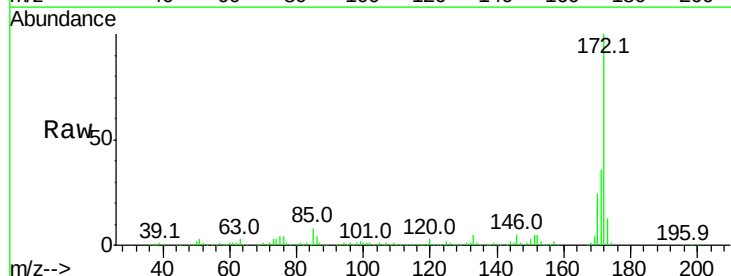


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

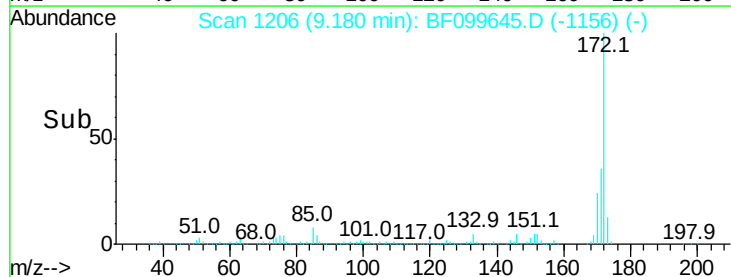
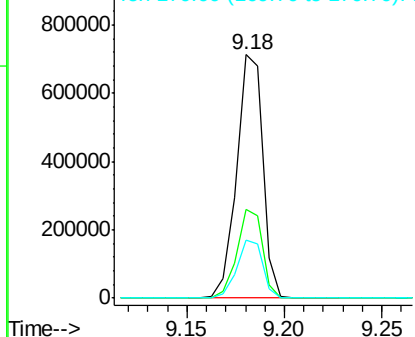


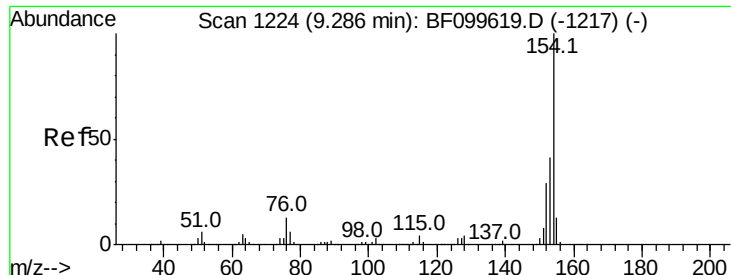
#44
 2-Fluorobiphenyl
 Concen: 104.872 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion:172 Resp: 660903
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.7 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 48.862 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

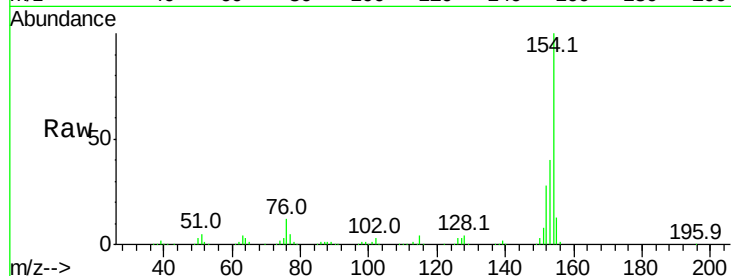
Tot Ion:154 Resp: 441803

Ion Ratio Lower Upper

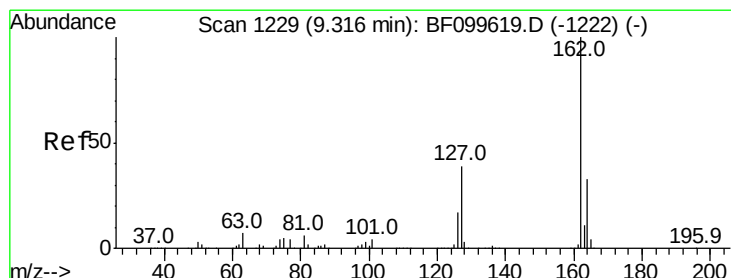
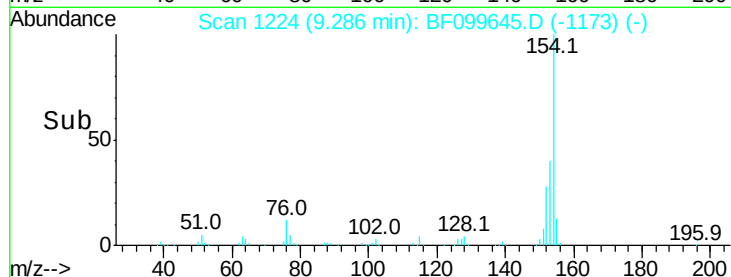
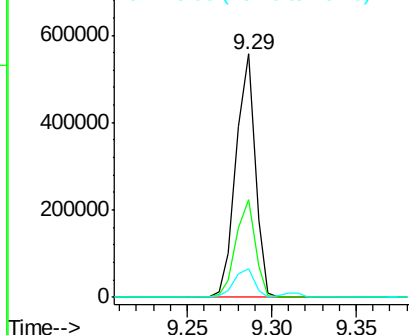
154 100

153 40.1 21.3 61.3

76 11.7 0.0 34.0



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): BF0



#46

2-Chloronaphthalene

Concen: 46.285 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

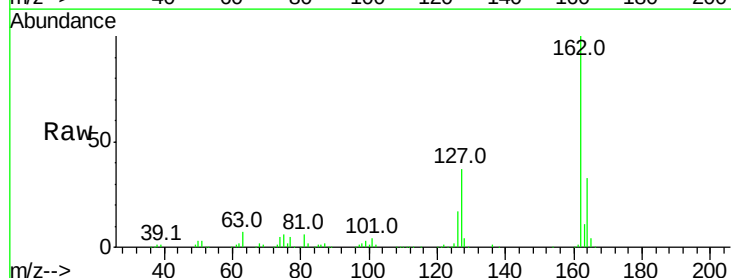
Tgt Ion:162 Resp: 314221

Ion Ratio Lower Upper

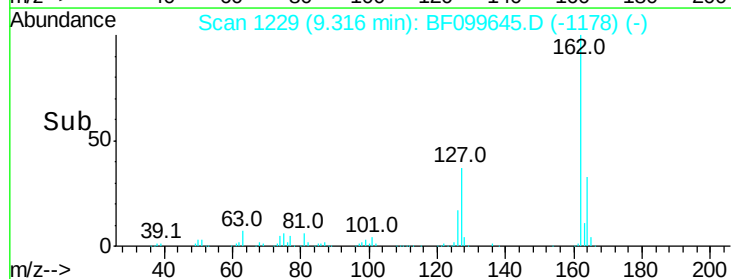
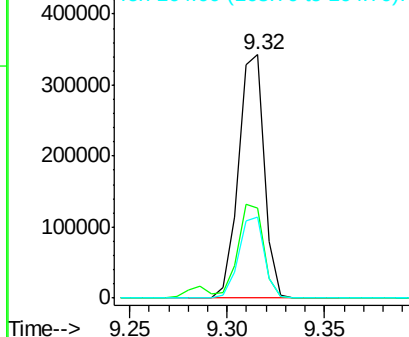
162 100

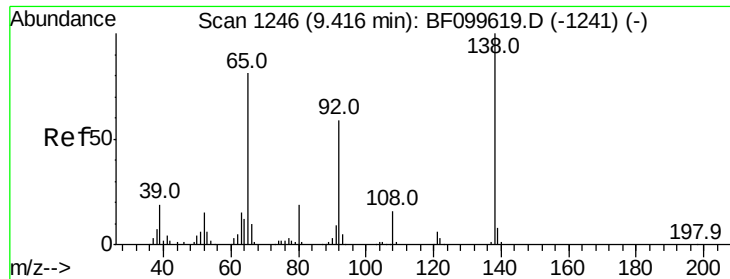
127 37.1 33.9 50.9

164 33.3 26.5 39.7



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

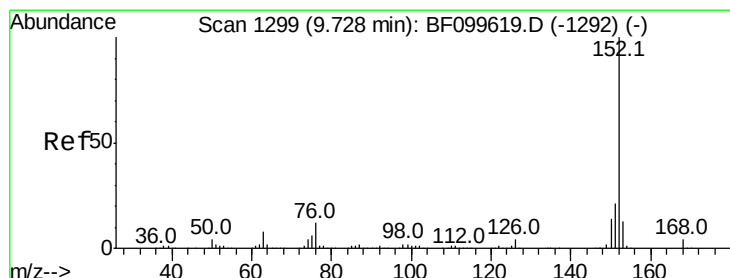
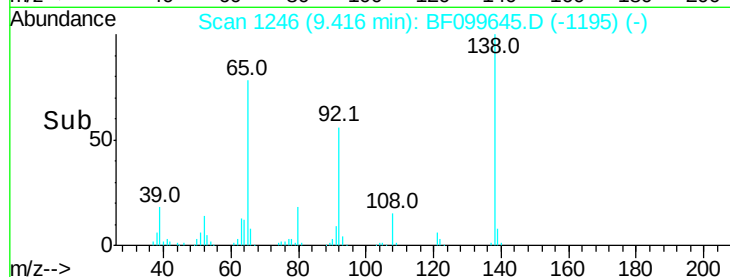
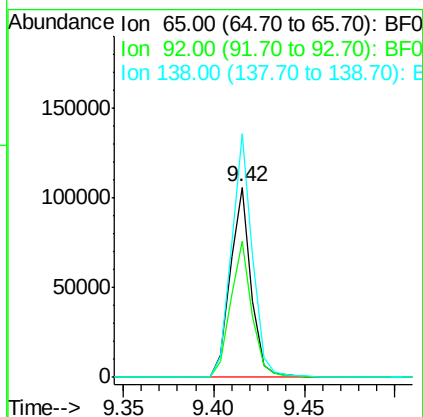
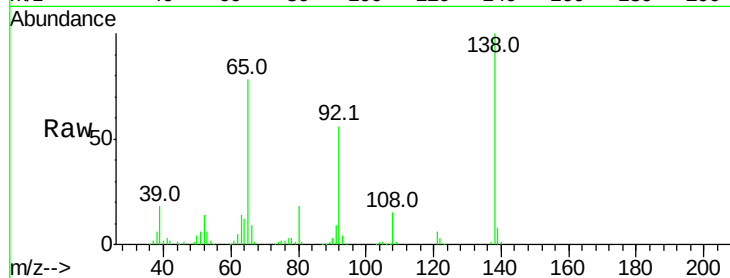




#47
2-Nitroaniline
Concen: 40.900 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

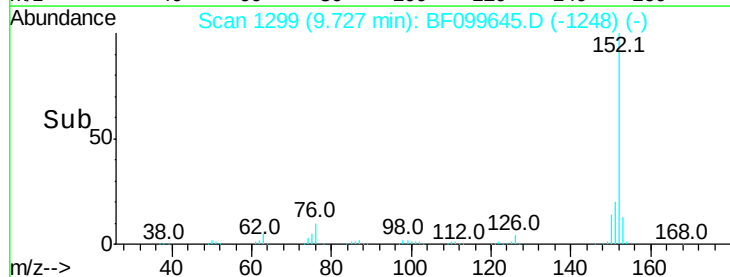
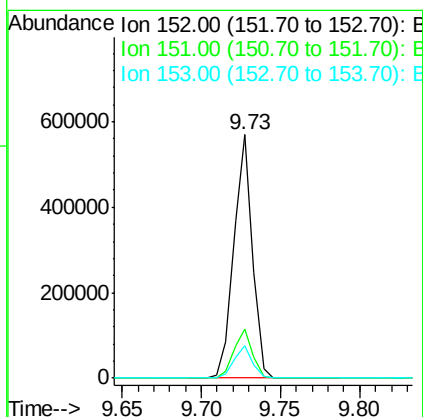
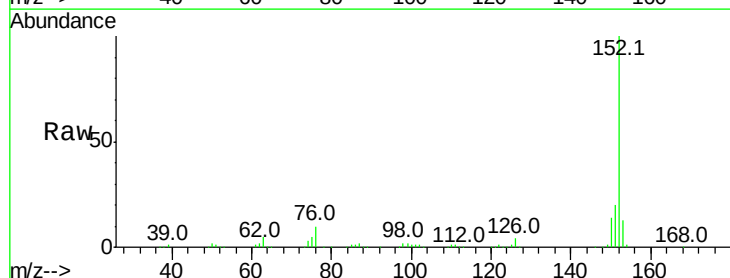
Instrument :
BNA_F
ClientSampleId :

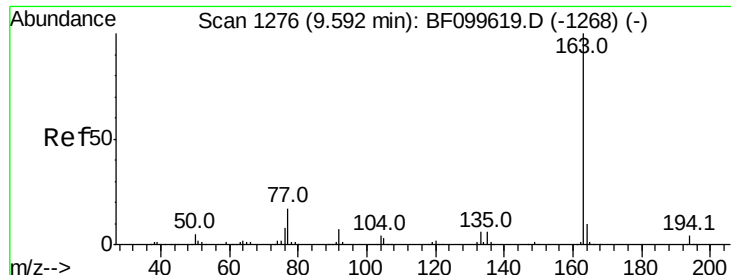
Tot Ion: 65 Resp: 85020
Ion Ratio Lower Upper
65 100
92 71.7 55.8 83.6
138 128.3 91.2 136.8



#48
Acenaphthylene
Concen: 44.287 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion: 152 Resp: 460254
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.3 10.7 16.1

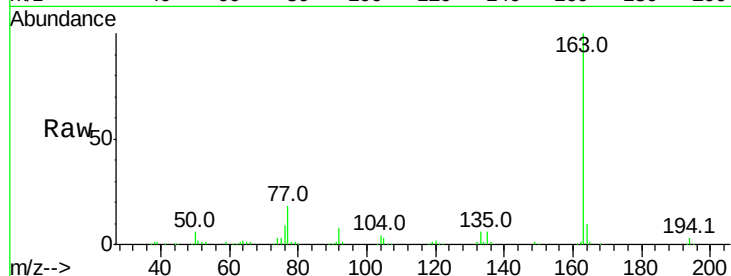




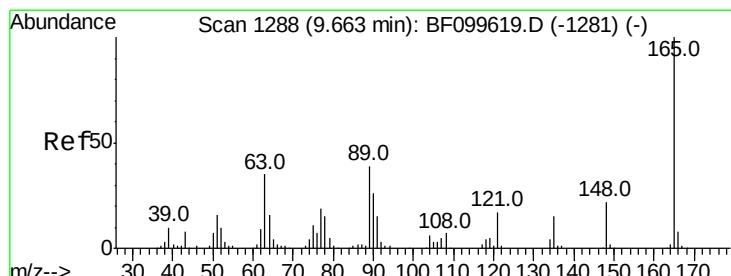
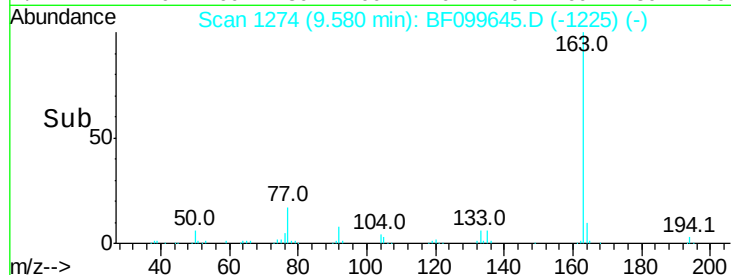
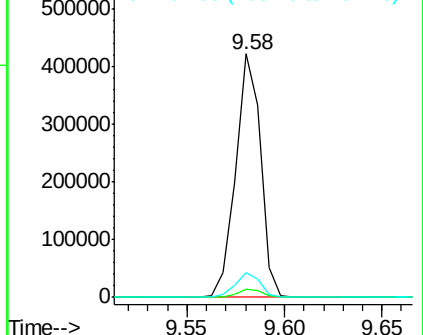
#49
Dimethylphthalate
Concen: 46.909 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.4	8.2	12.2

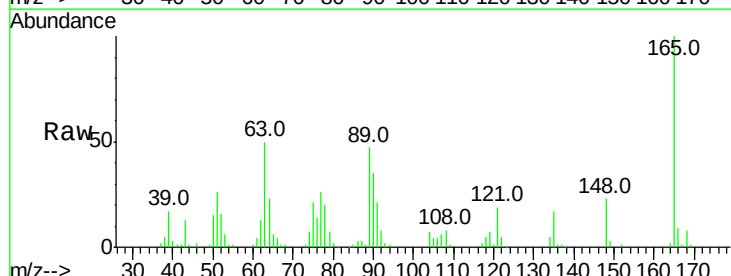


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

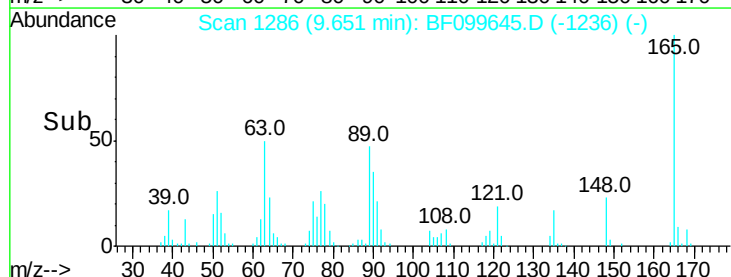
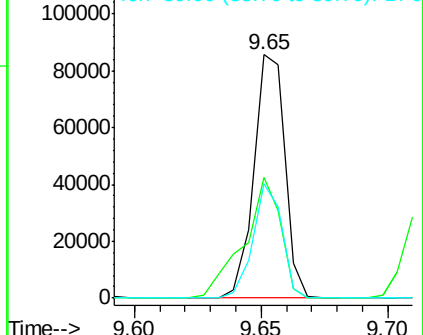


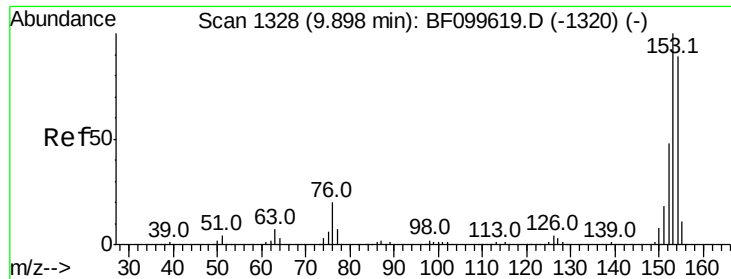
#50
2,6-Dinitrotoluene
Concen: 42.509 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.6	44.7	67.1
89	47.2	44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

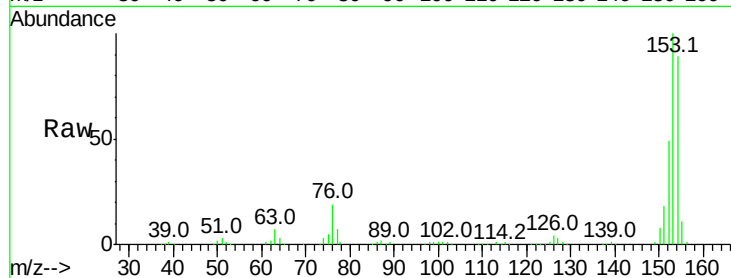




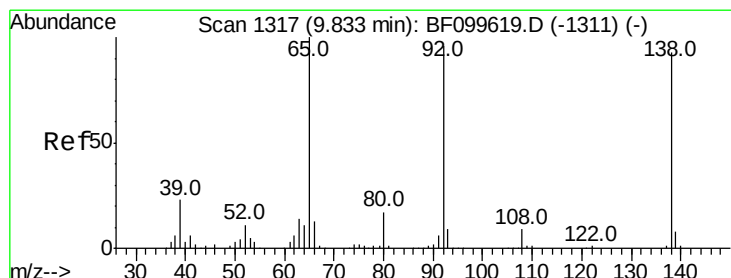
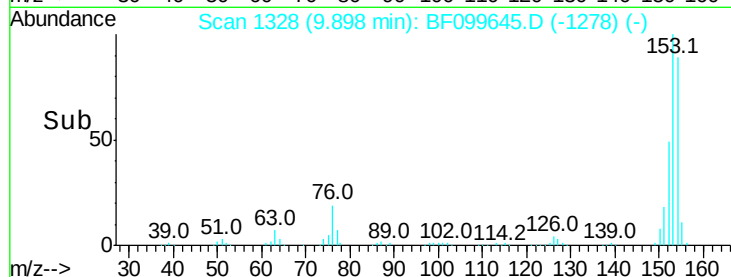
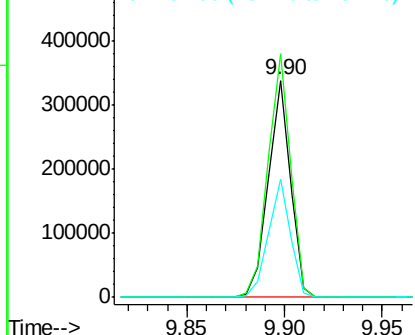
#51
Acenaphthene
Concen: 40.657 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 267653
Ion Ratio Lower Upper
154 100
153 112.2 91.2 136.8
152 54.7 43.8 65.8

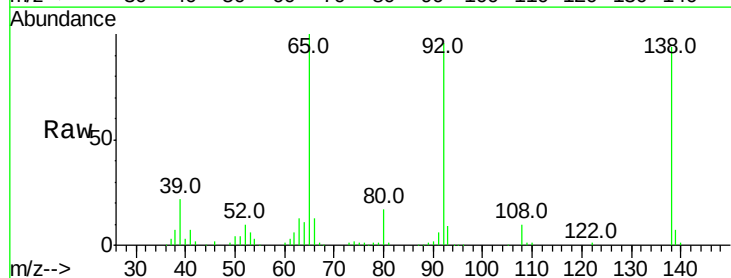


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

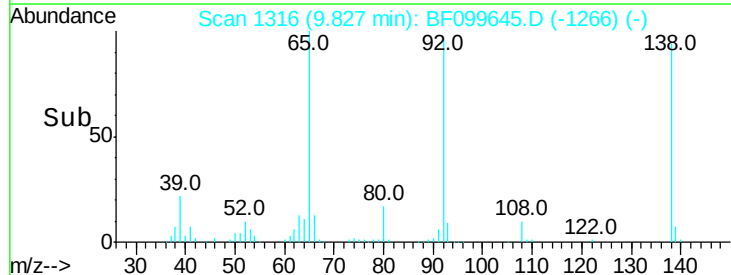
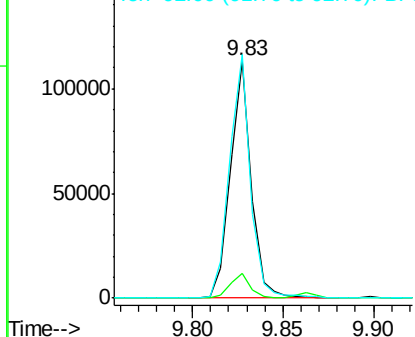


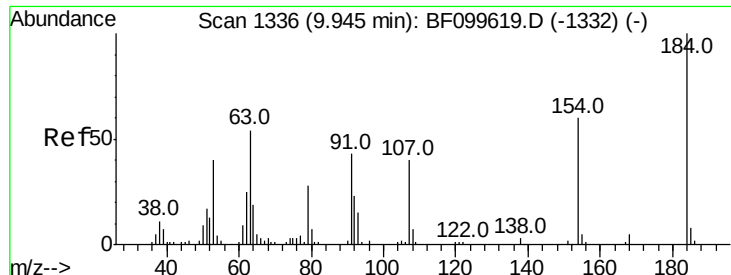
#52
3-Nitroaniline
Concen: 45.090 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion:138 Resp: 90885
Ion Ratio Lower Upper
138 100
108 10.2 9.4 14.0
92 102.6 89.4 134.2



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): BF0

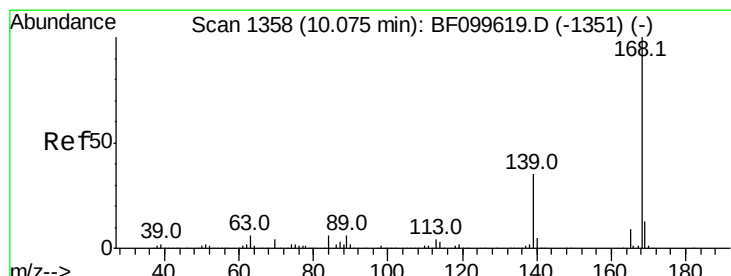
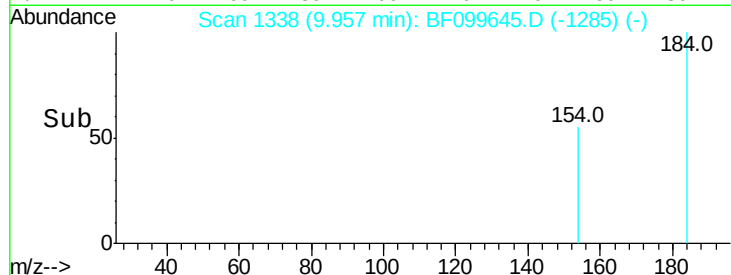
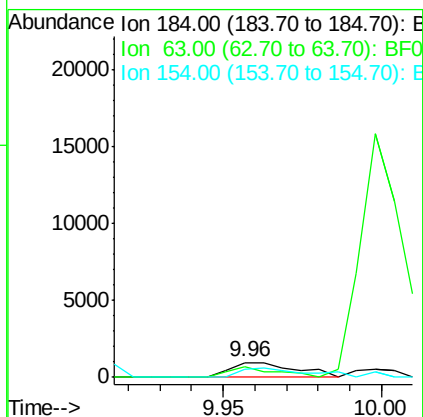
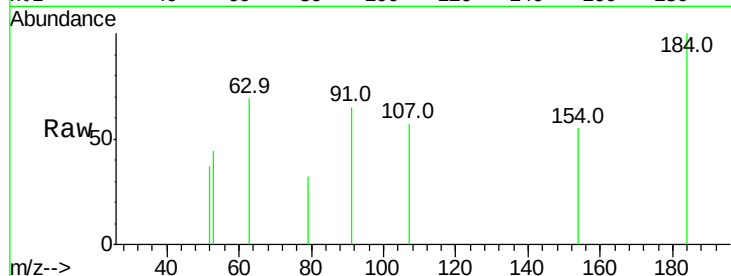




#53
 2,4-Dinitrophenol
 Concen: 7.244 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.01 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

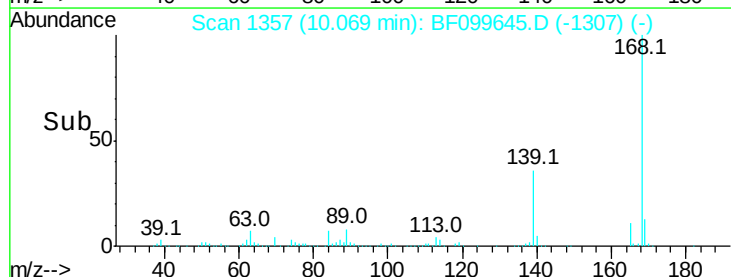
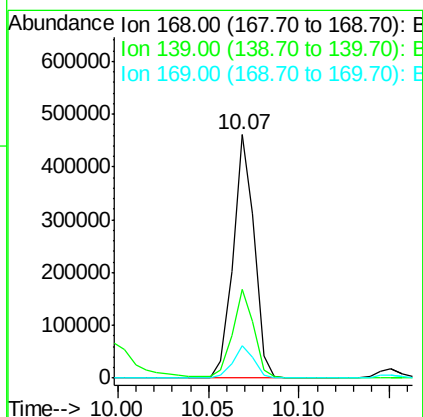
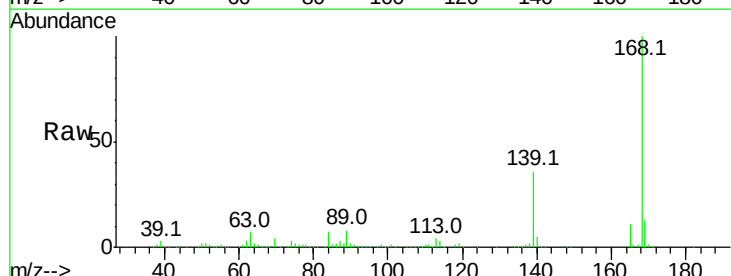
Instrument :
 BNA_F
 ClientSampled :

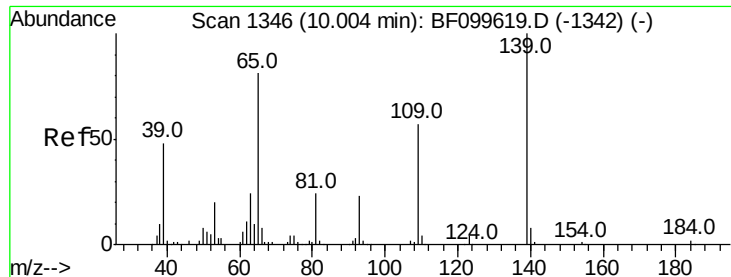
Tot Ion:184 Resp: 1375
 Ion Ratio Lower Upper
 184 100
 63 68.7 54.2 81.2
 154 54.8 53.5 80.3



#54
 Dibenzofuran
 Concen: 42.435 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion:168 Resp: 371958
 Ion Ratio Lower Upper
 168 100
 139 36.2 30.1 45.1
 169 13.3 10.9 16.3

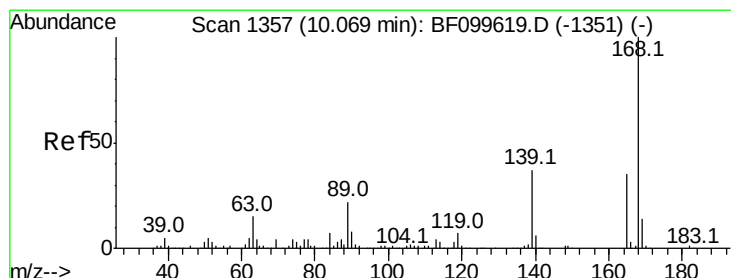
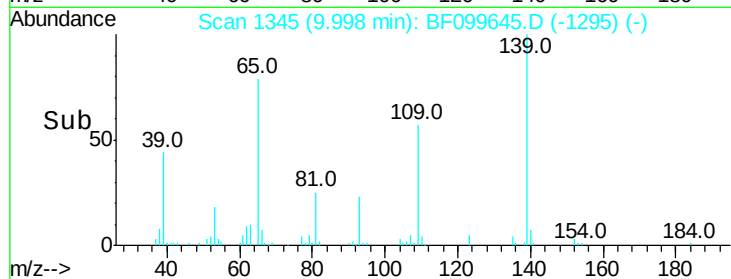
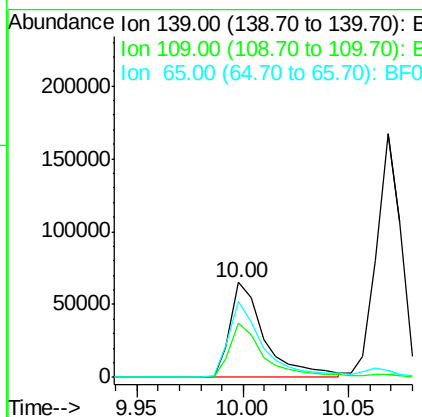
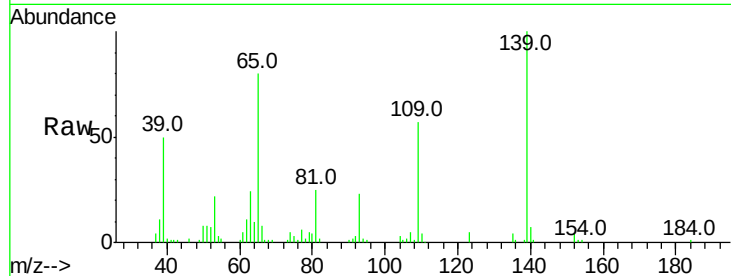




#55
4-Nitrophenol
Concen: 43.661 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

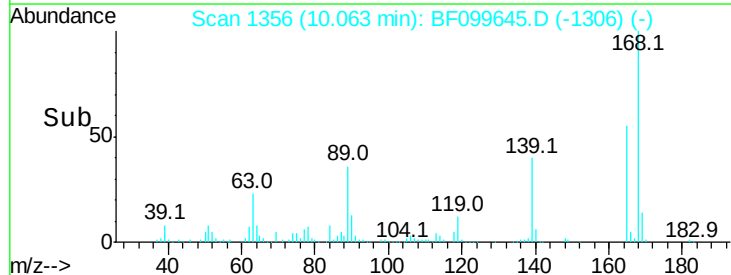
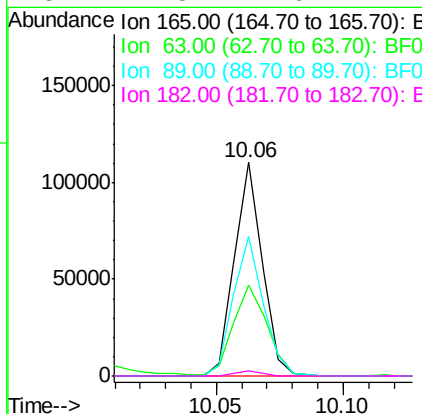
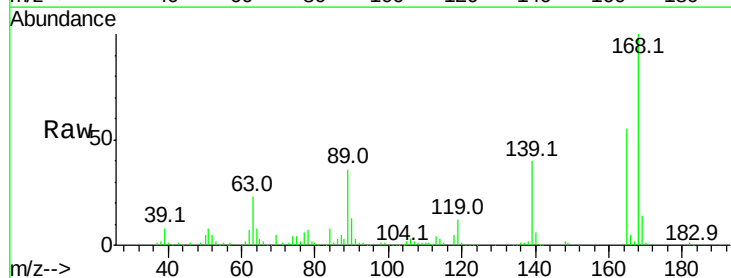
Instrument :
BNA_F
ClientSampled :

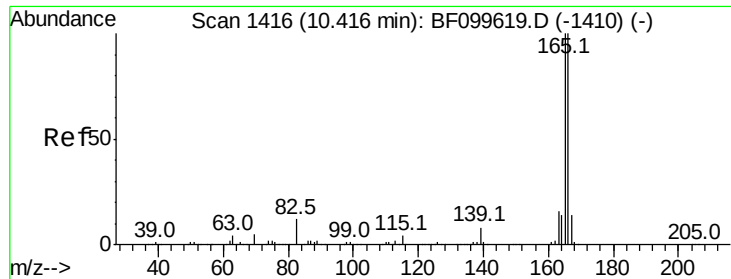
Tot Ion:139 Resp: 74415
Ion Ratio Lower Upper
139 100
109 57.1 48.4 88.4
65 79.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 37.339 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion:165 Resp: 83770
Ion Ratio Lower Upper
165 100
63 42.9 36.4 54.6
89 65.3 57.8 86.6
182 2.3 1.6 2.4

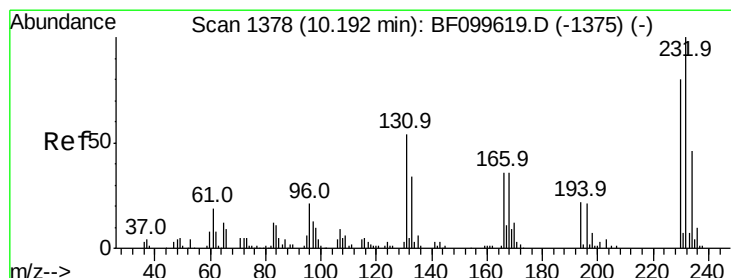
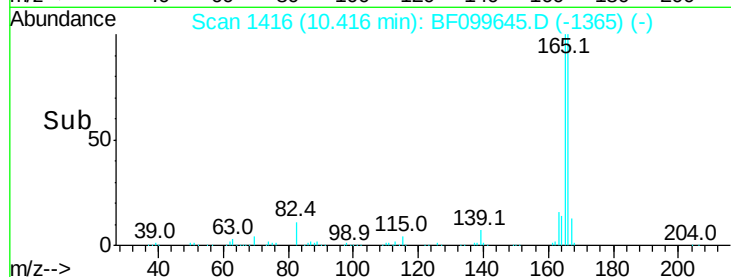
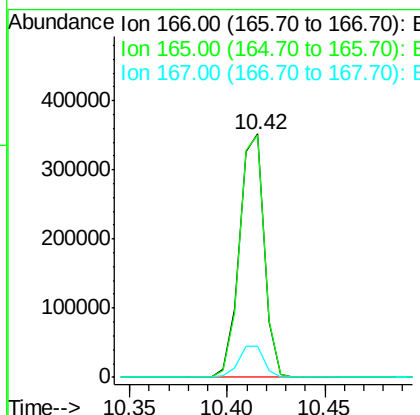
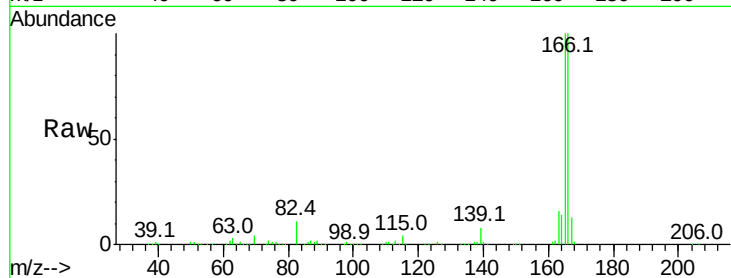




#57
 Fluorene
 Concen: 43.793 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

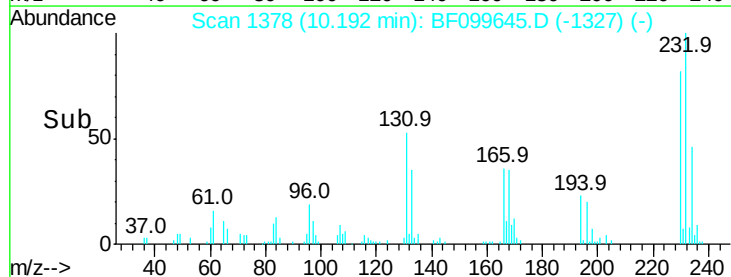
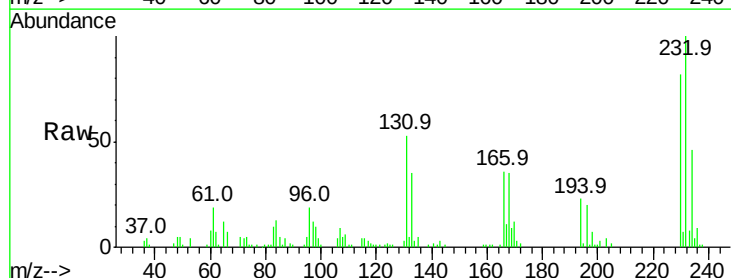
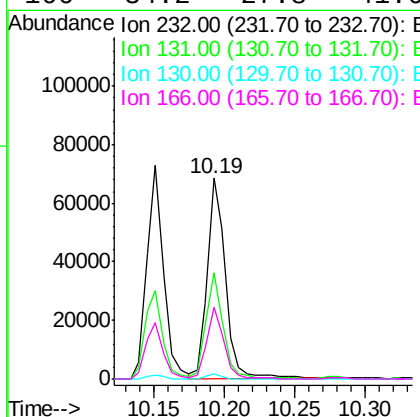
Instrument :
 BNA_F
 ClientSampleId :

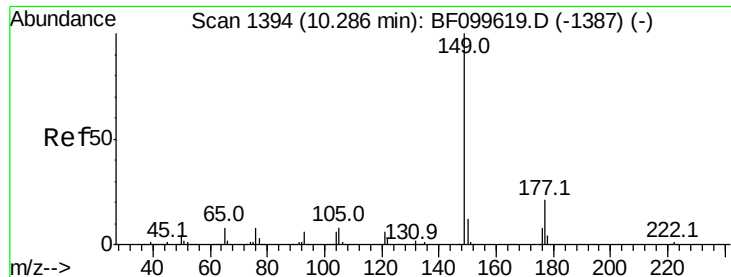
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	12.6	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.783 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.00 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.4	43.8	65.8
130	2.0	2.1	3.1#
166	34.2	27.8	41.6

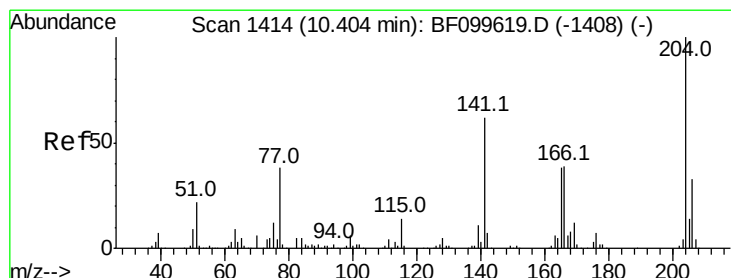
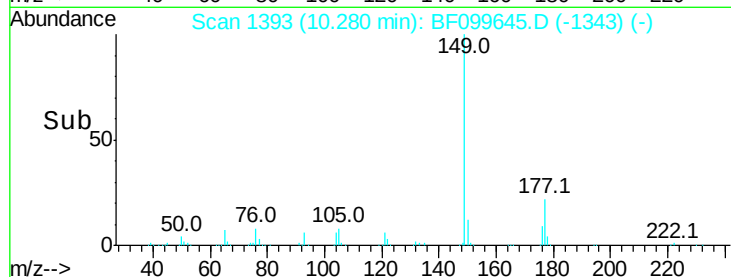
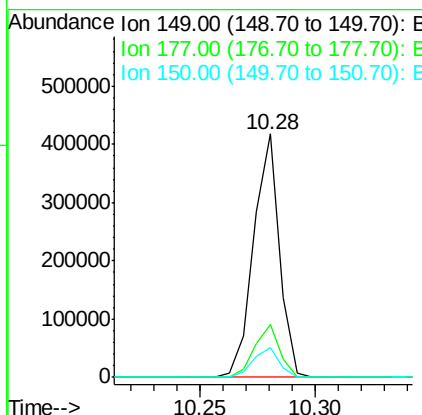
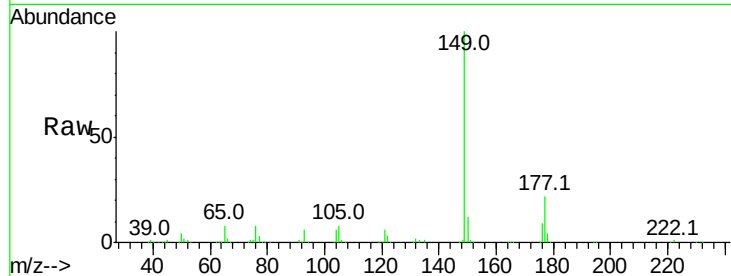




#59
Diethylphthalate
Concen: 42.138 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

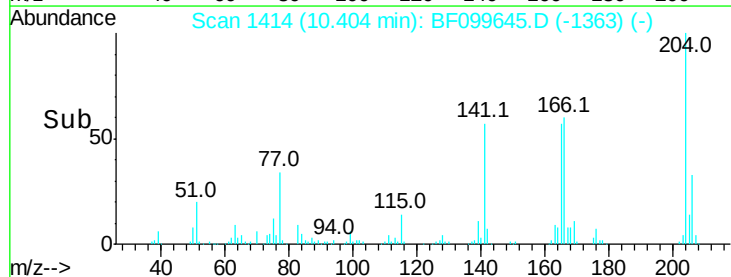
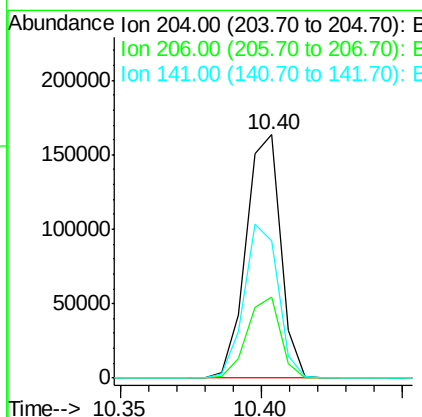
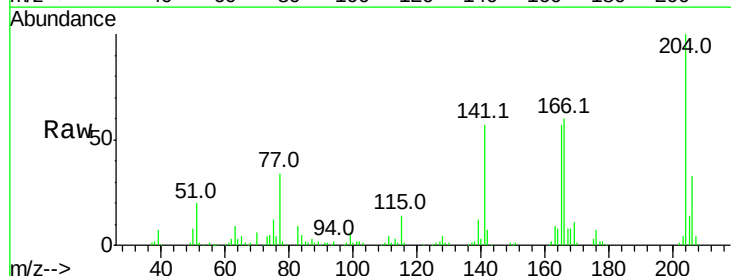
Instrument :
BNA_F
ClientSampled :

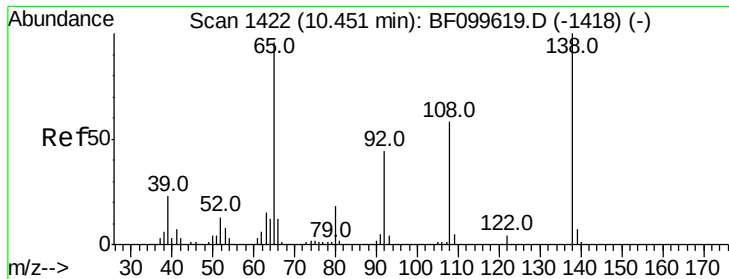
Tot Ion:149 Resp: 326944
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 43.908 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion:204 Resp: 138956
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 56.6 54.6 81.8

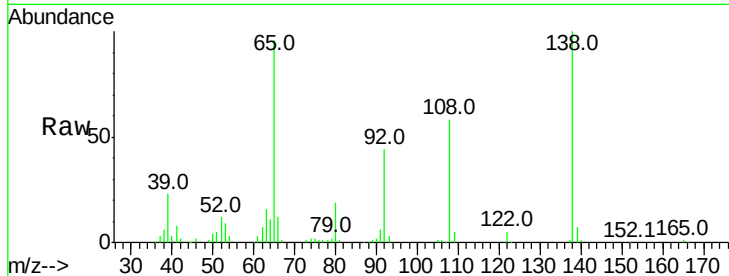




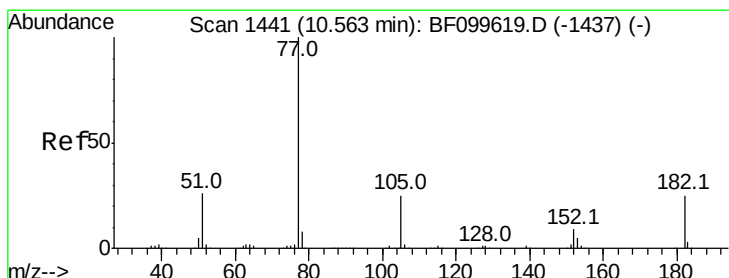
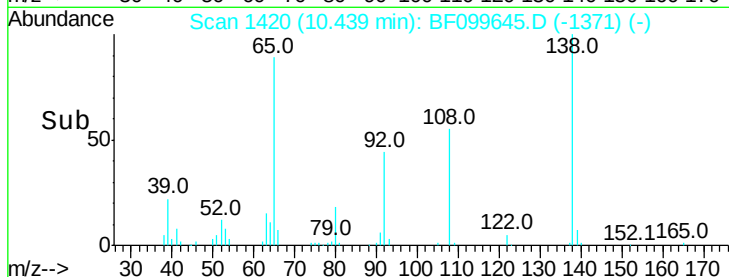
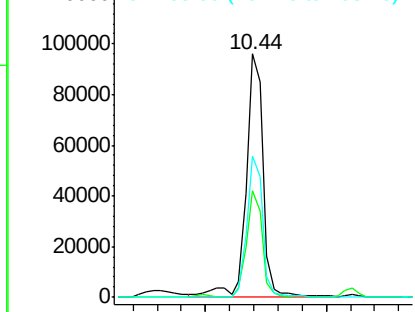
#61
4-Nitroaniline
Concen: 48.035 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 93410
Ion Ratio Lower Upper
138 100
92 44.0 30.2 70.2
108 58.1 52.5 92.5

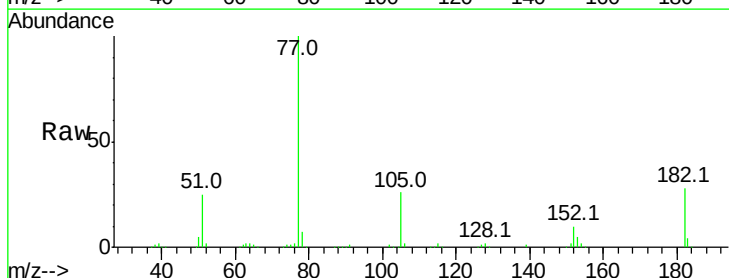


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

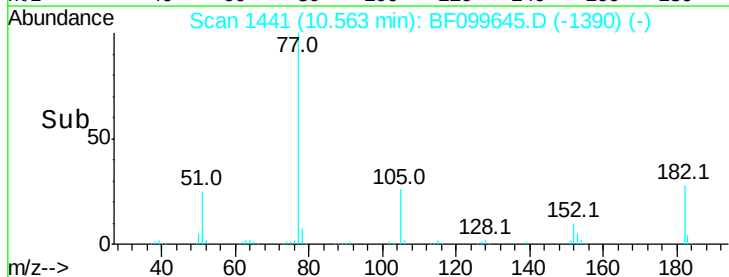
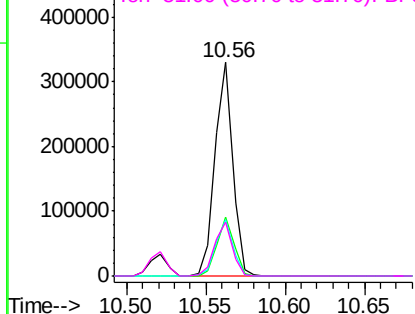


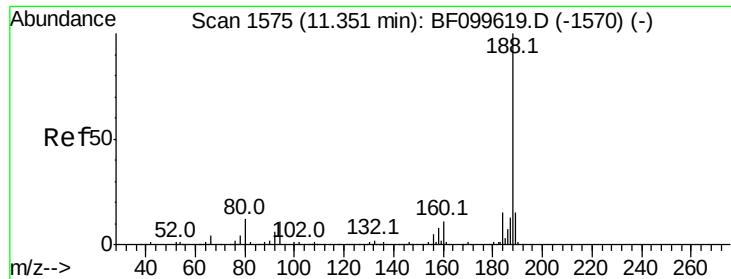
#62
Azobenzene
Concen: 36.094 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion: 77 Resp: 257501
Ion Ratio Lower Upper
77 100
182 27.8 1.7 41.7
105 26.1 3.0 43.0
51 25.0 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
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): BF0

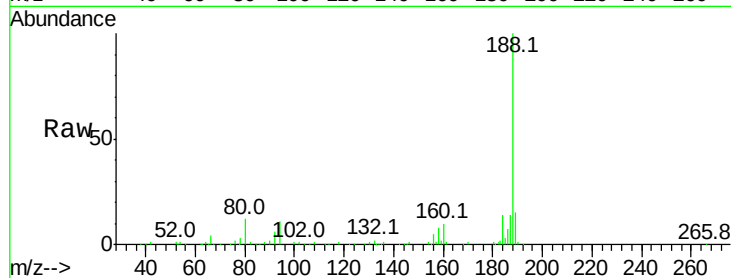




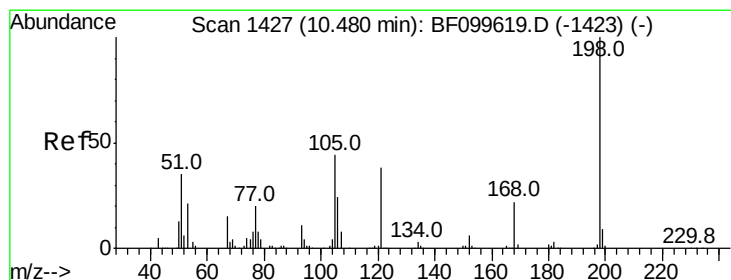
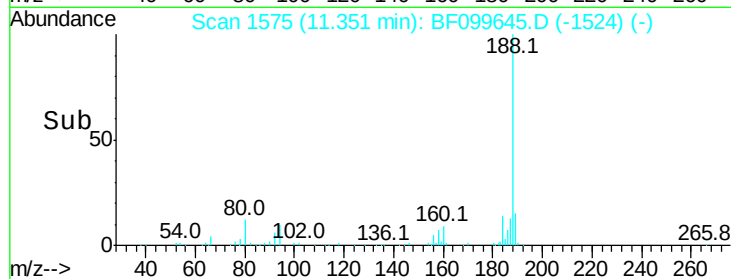
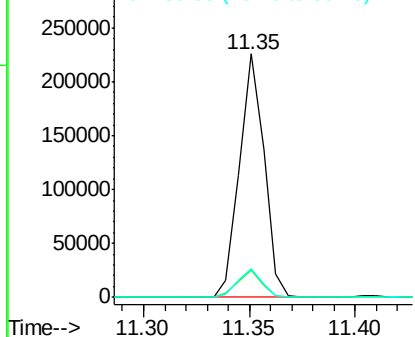
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 182640
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.6 9.2 13.8

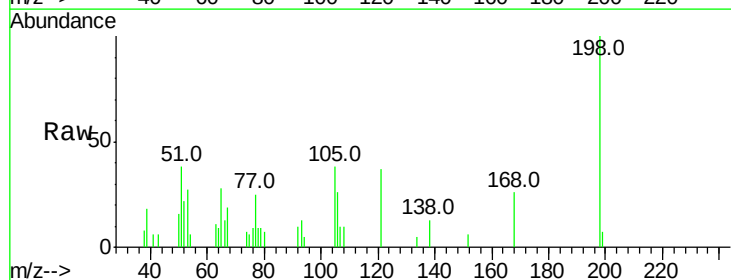


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

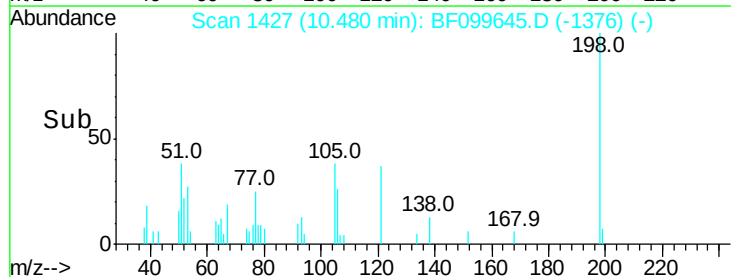
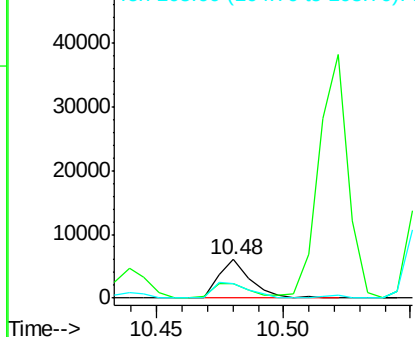


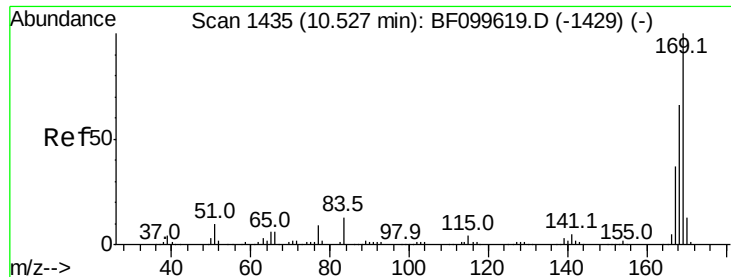
#64
4,6-Dinitro-2-methylphenol
Concen: 4.759 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion:198 Resp: 5288
Ion Ratio Lower Upper
198 100
51 38.3 37.7 77.7
105 37.7 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

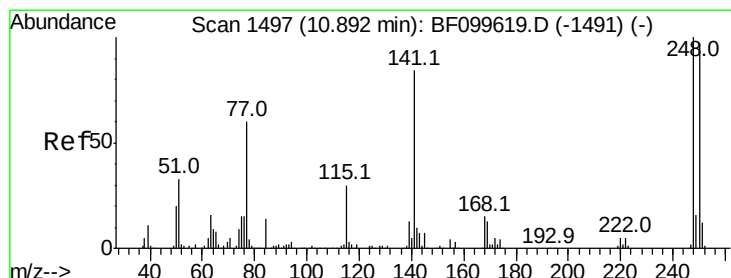
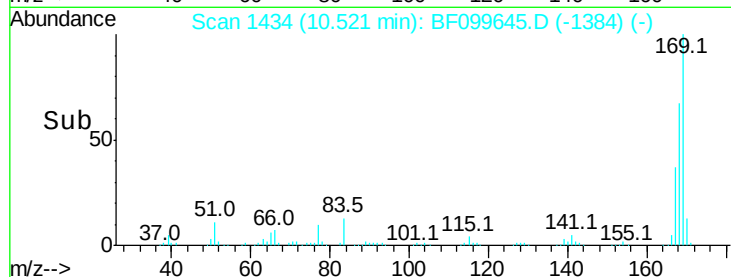
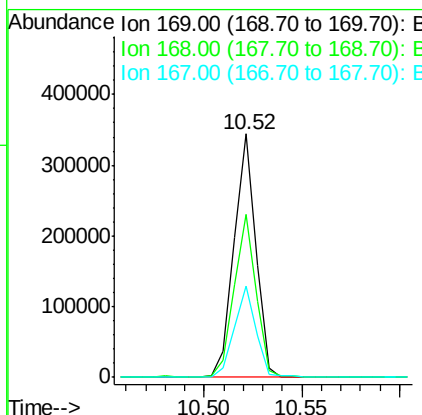
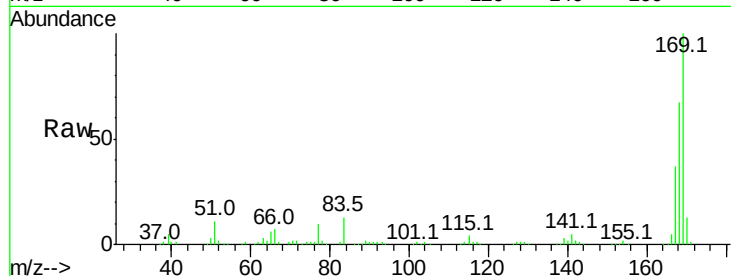




#65
 n-Nitrosodiphenylamine
 Concen: 42.250 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

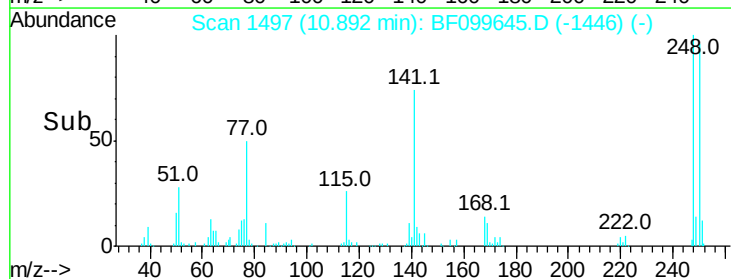
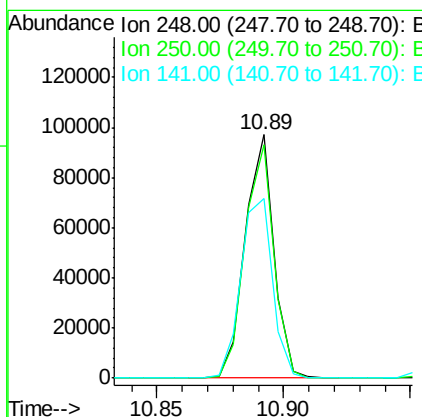
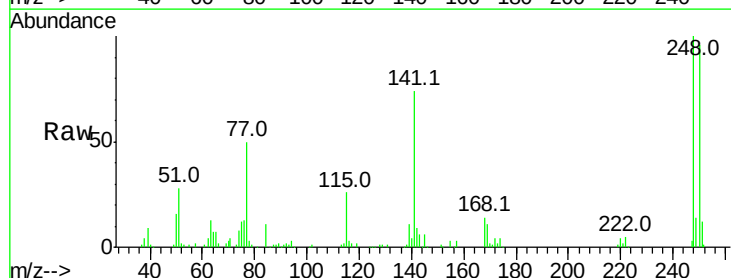
Instrument :
 BNA_F
 ClientSampleId :

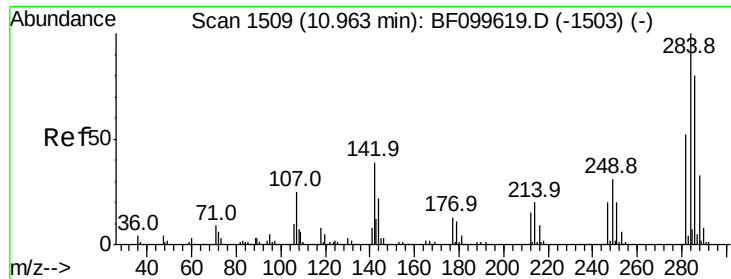
Tot Ion:169 Resp: 267324
 Ion Ratio Lower Upper
 169 100
 168 66.8 54.4 81.6
 167 37.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.694 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. 0.00 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion:248 Resp: 76326
 Ion Ratio Lower Upper
 248 100
 250 96.0 76.9 115.3
 141 73.7 74.4 111.6#

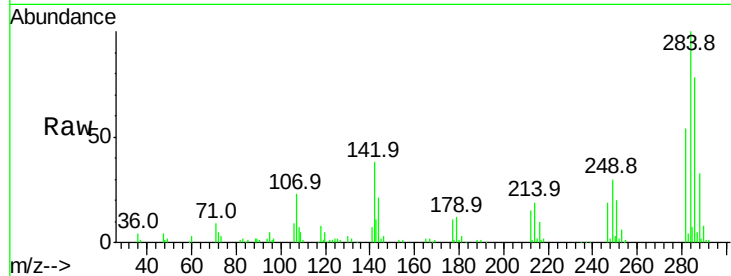




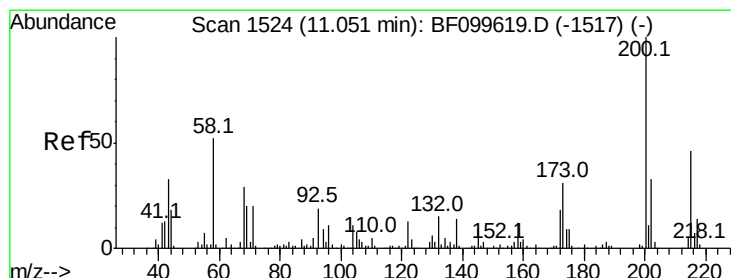
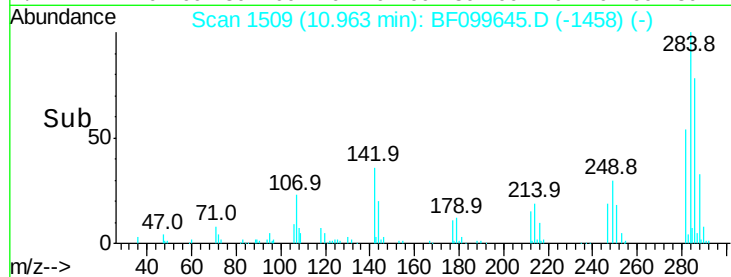
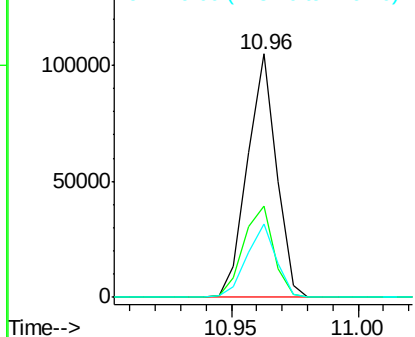
#67
Hexachlorobenzene
Concen: 43.760 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	37.6	34.6	52.0
249	30.2	24.8	37.2

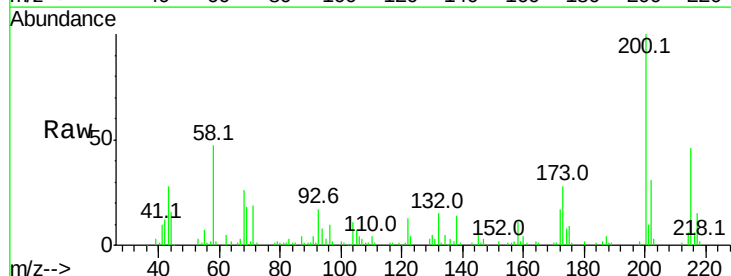


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

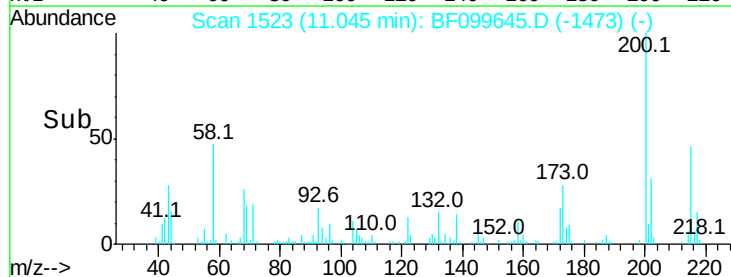
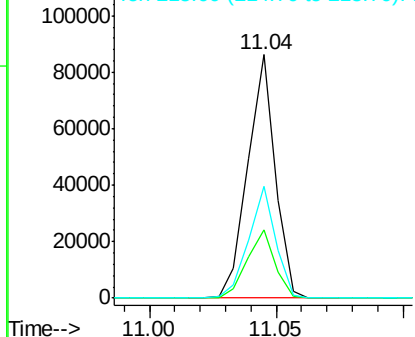


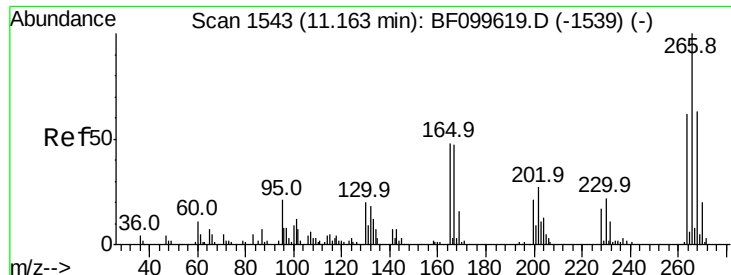
#68
Atrazine
Concen: 34.210 ng
RT: 11.04 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.1	8.6	48.6
215	45.9	25.1	65.1



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

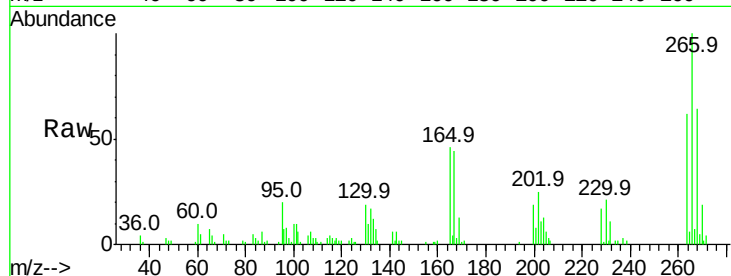




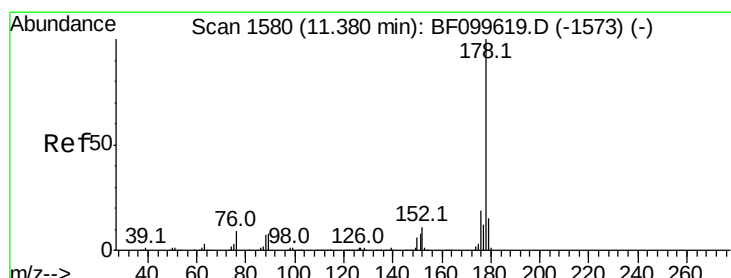
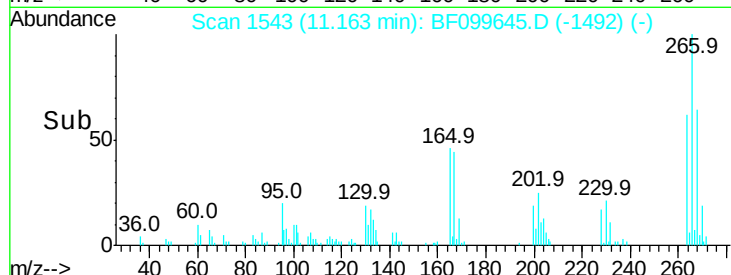
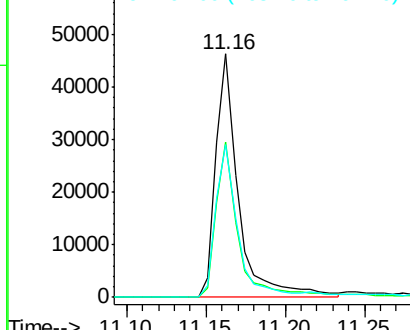
#69
 Pentachlorophenol
 Concen: 38.902 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	62.5	49.5	74.3

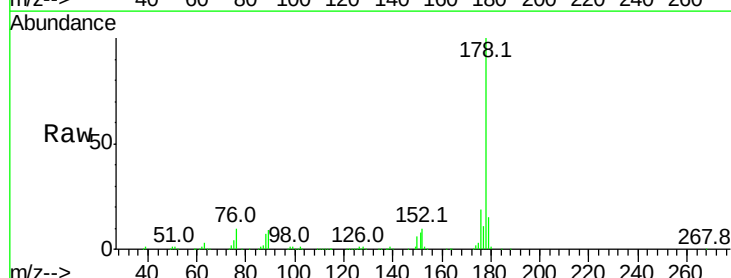


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

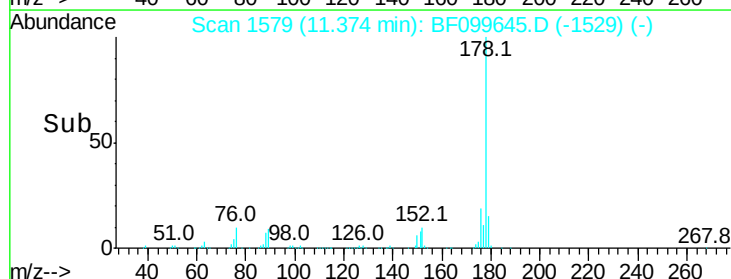
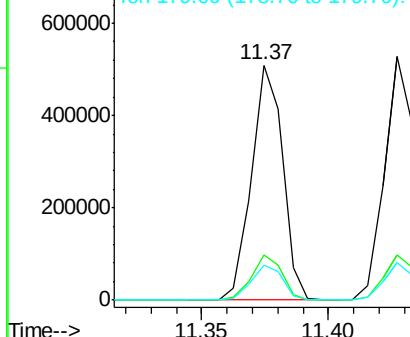


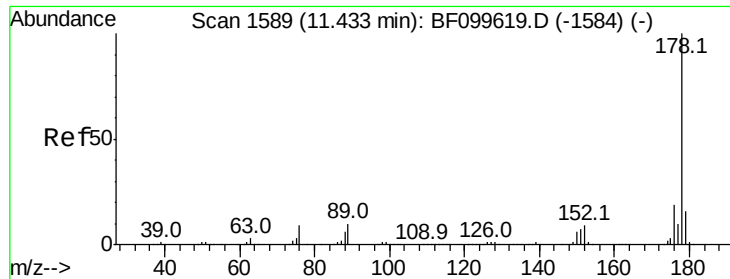
#70
 Phenanthrene
 Concen: 44.727 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.1	13.0	19.6



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





#71

Anthracene

Concen: 44.502 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

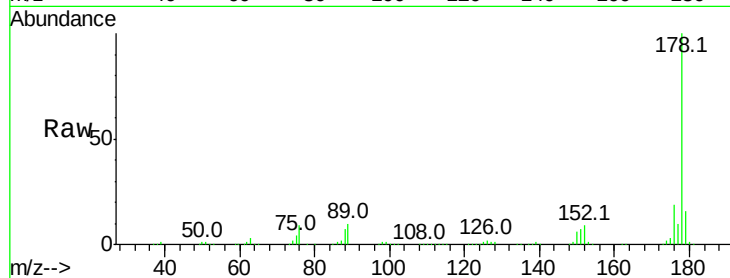
Tot Ion:178 Resp: 445155

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

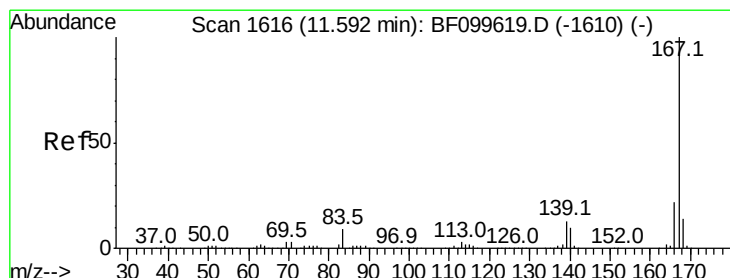
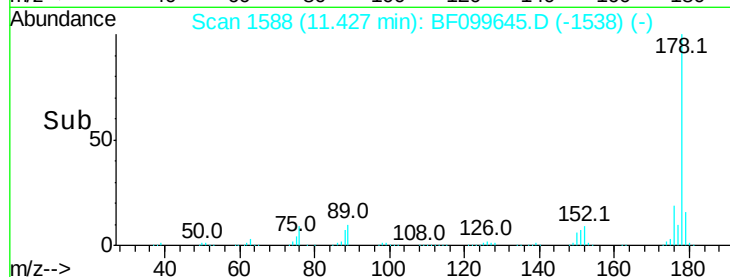
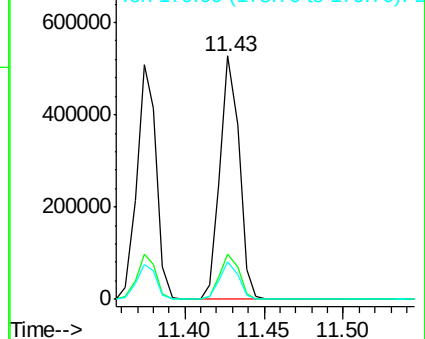
179 15.7 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.185 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

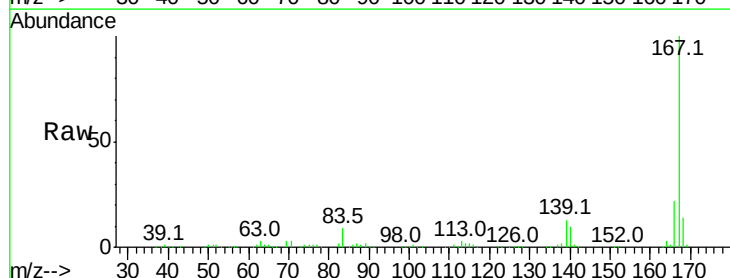
Tgt Ion:167 Resp: 442615

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

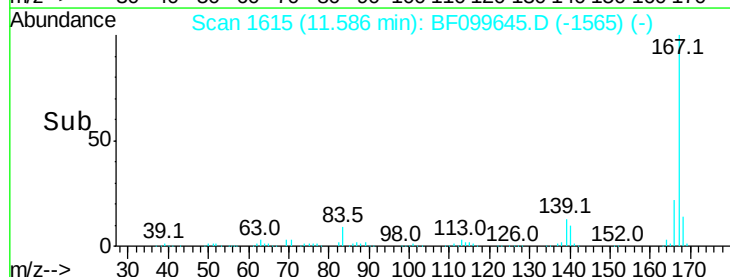
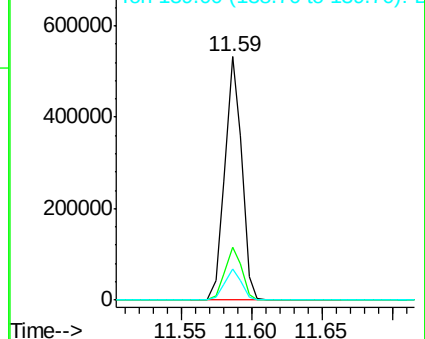
139 13.0 10.9 16.3

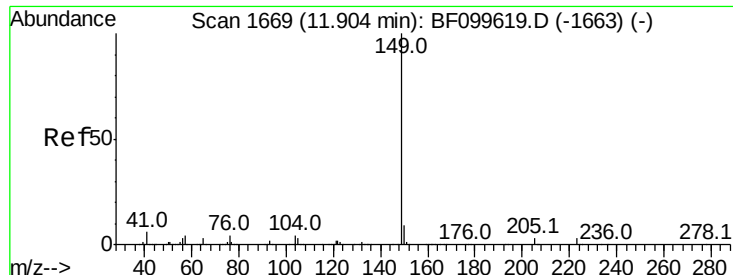


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.661 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

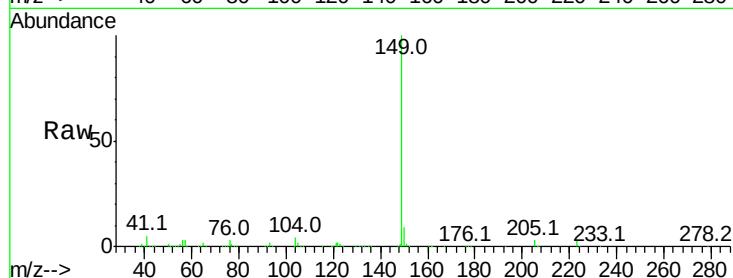
Tot Ion:149 Resp: 502994

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

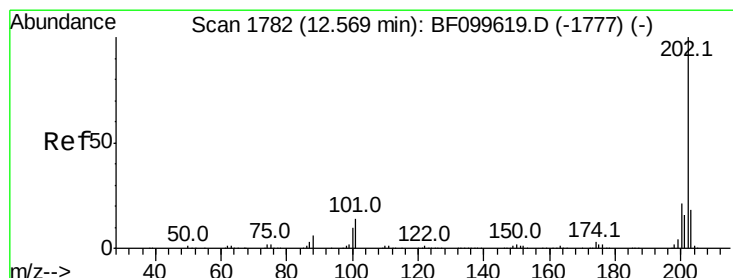
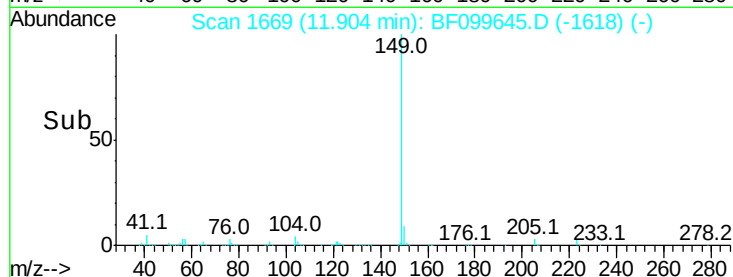
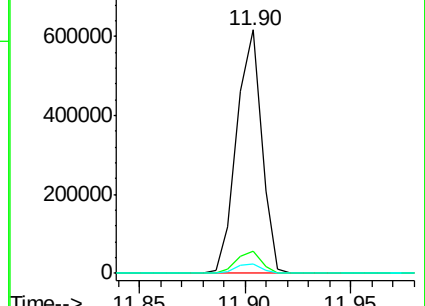
104 3.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 50.204 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

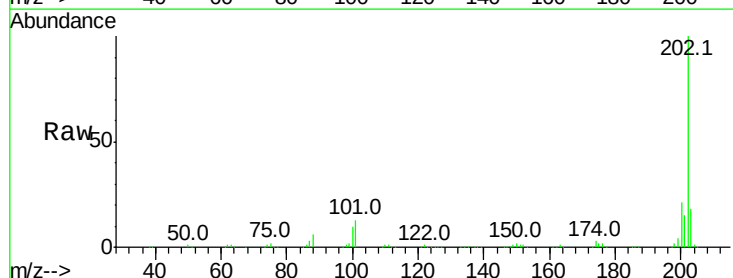
Tgt Ion:202 Resp: 496997

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

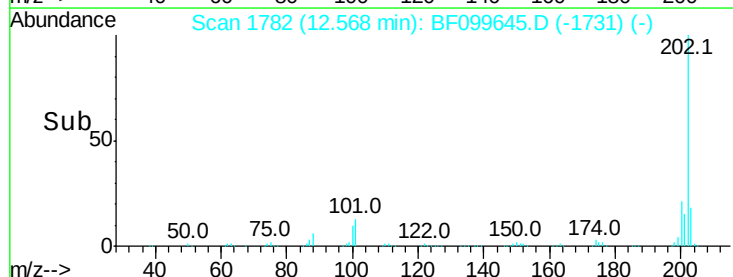
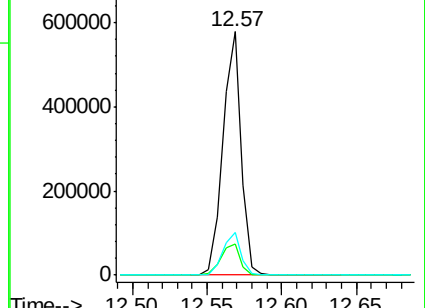
203 17.6 0.0 38.1

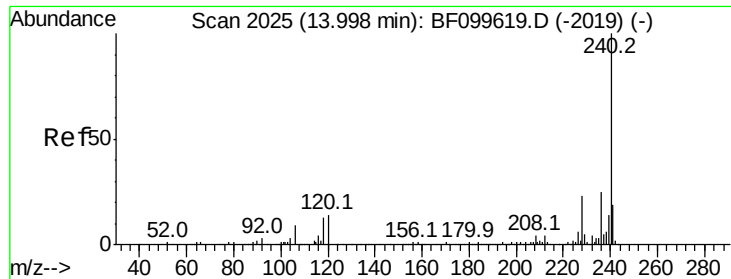


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

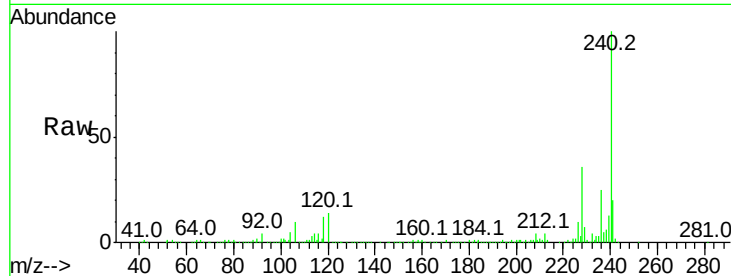
Tot Ion:240 Resp: 190119

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

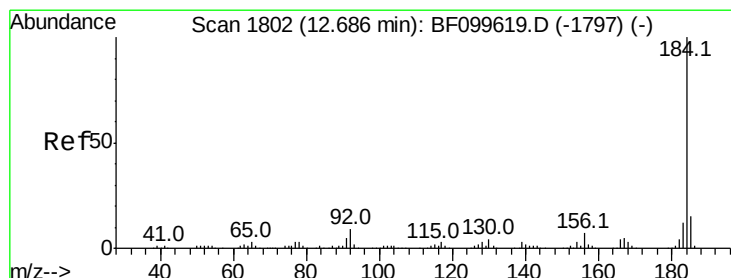
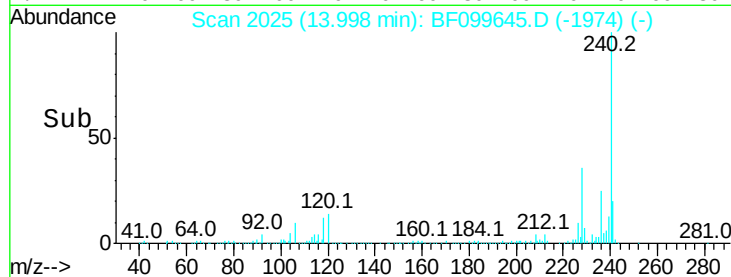
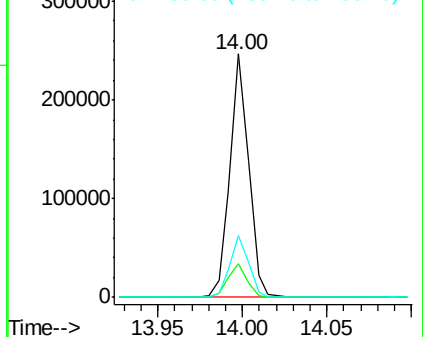
236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.544 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

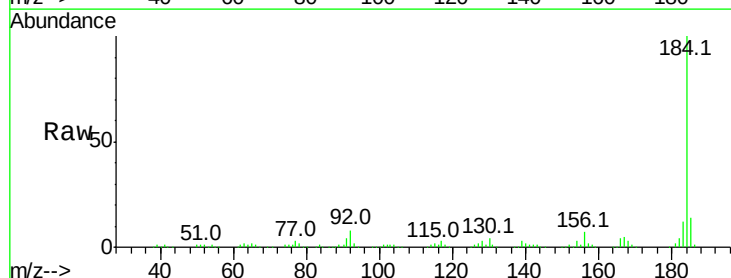
Tgt Ion:184 Resp: 292134

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

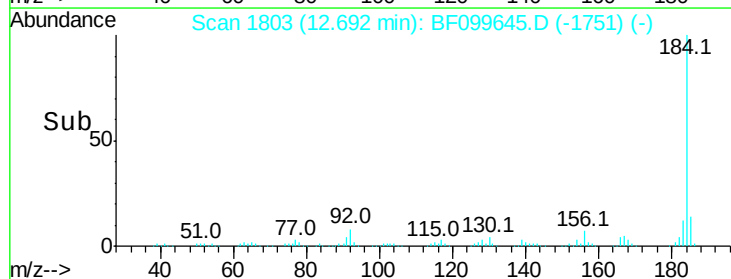
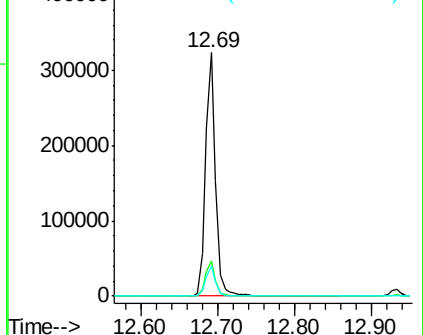
183 12.1 9.3 13.9

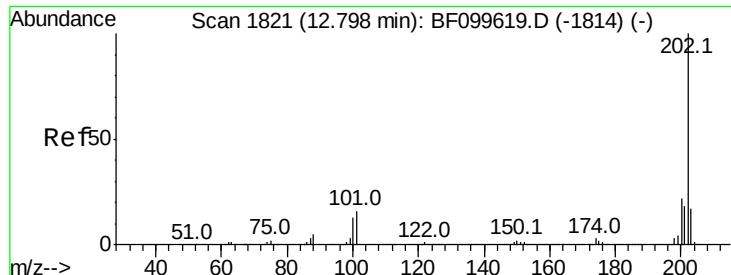


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

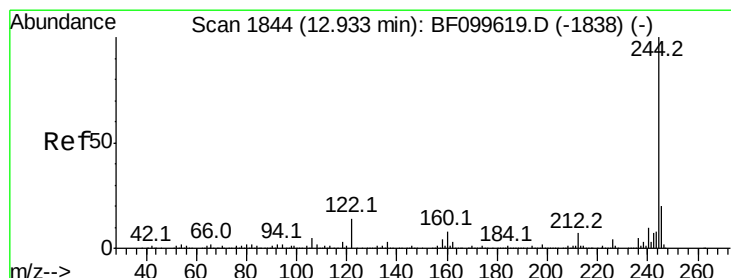
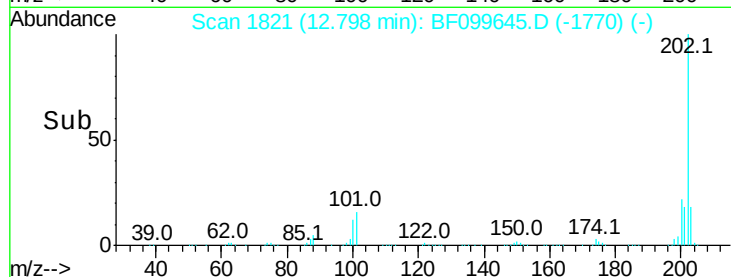
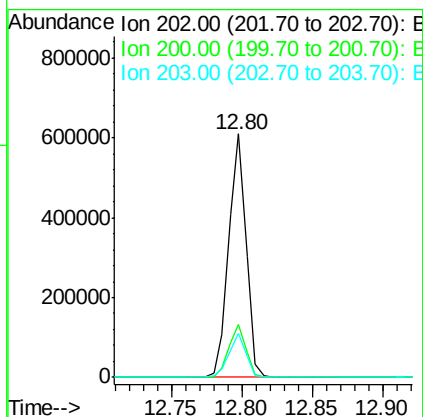
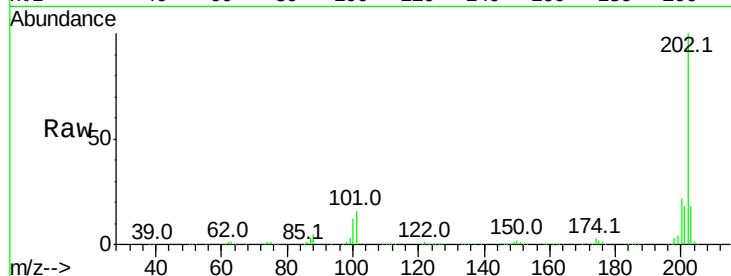




#77
Pvrene
Concen: 36.047 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

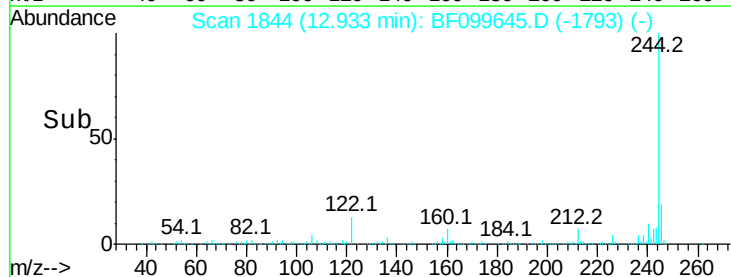
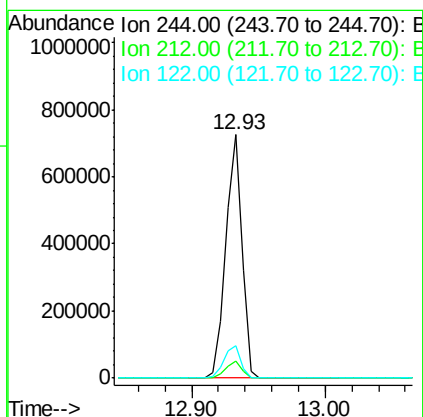
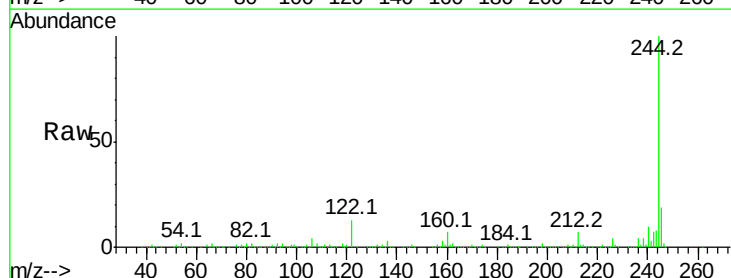
Instrument :
BNA_F
ClientSampled :

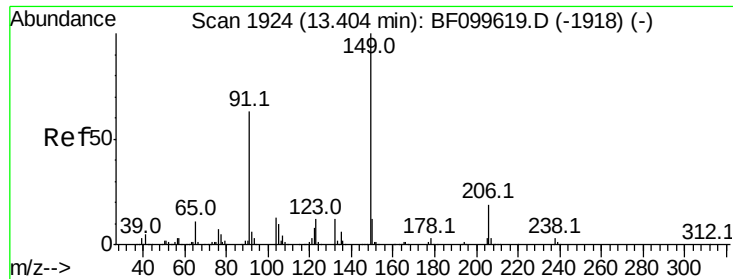
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.0	14.3	21.5



#78
Terphenyl-d14
Concen: 74.701 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.4	11.0	16.4

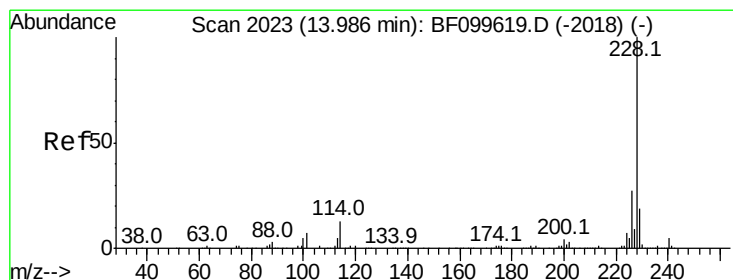
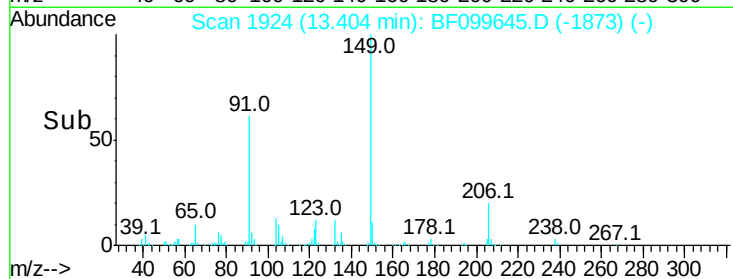
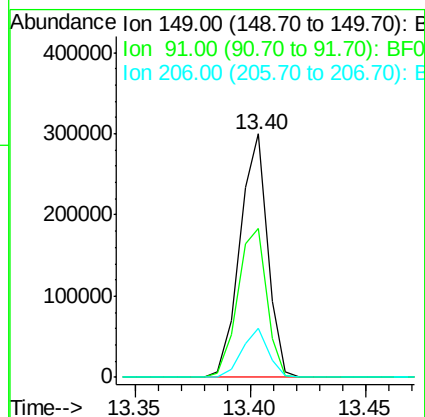
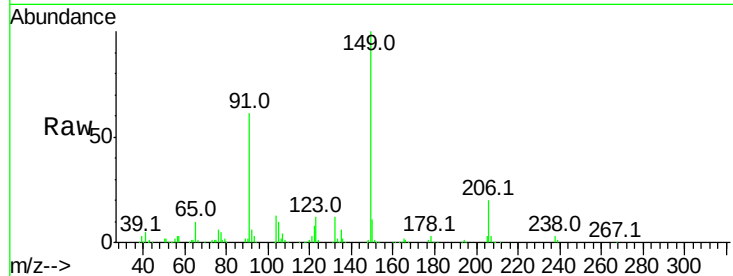




#79
Butylbenzylphthalate
Concen: 36.743 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

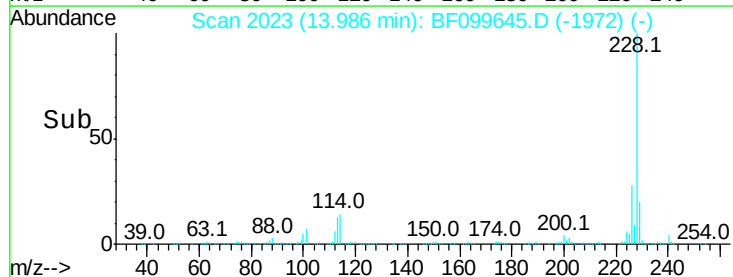
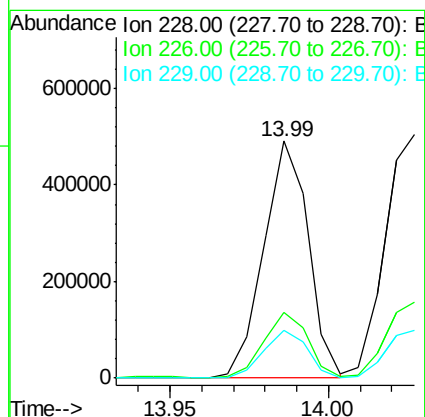
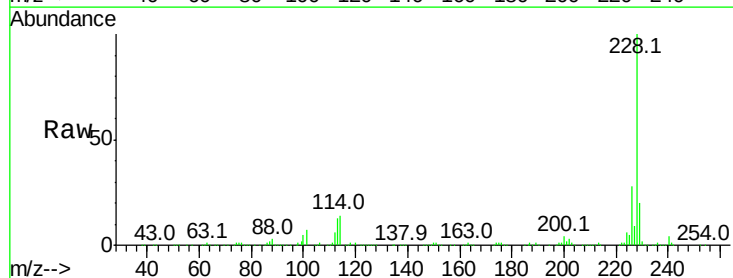
Instrument :
BNA_F
ClientSampleId :

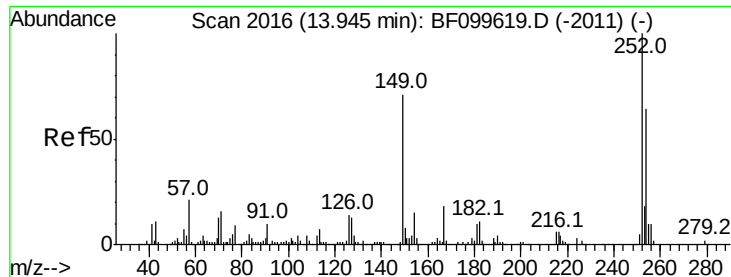
Tot Ion:149 Resp: 250344
Ion Ratio Lower Upper
149 100
91 61.1 56.8 85.2
206 20.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 41.681 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion:228 Resp: 479839
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 20.4 15.8 23.6

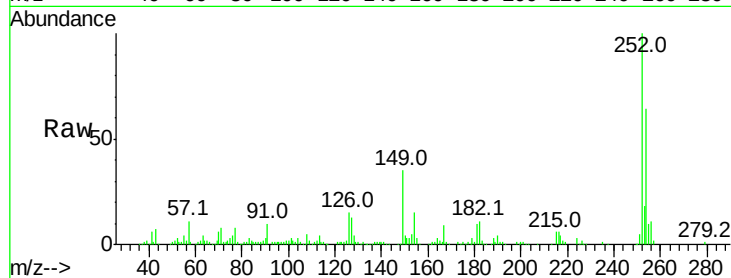




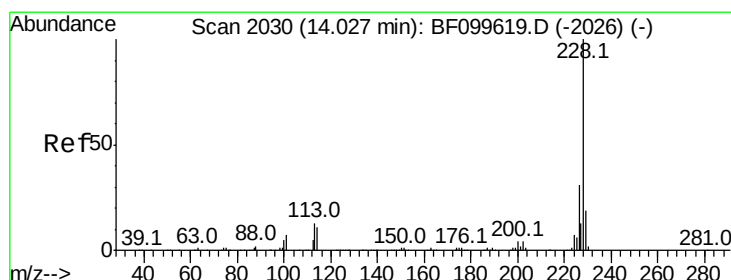
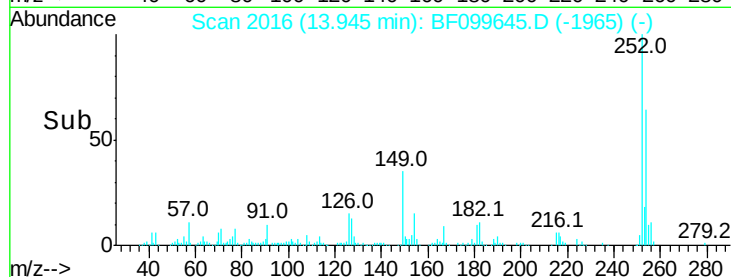
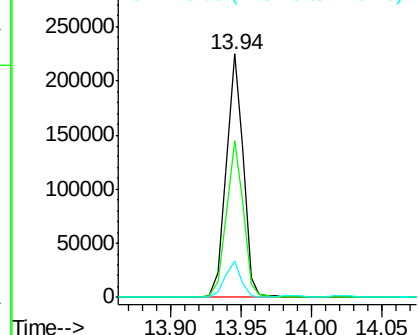
#81
 3,3'-Dichlorobenzidine
 Concen: 44.624 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.4	75.6
126	15.2	11.3	16.9

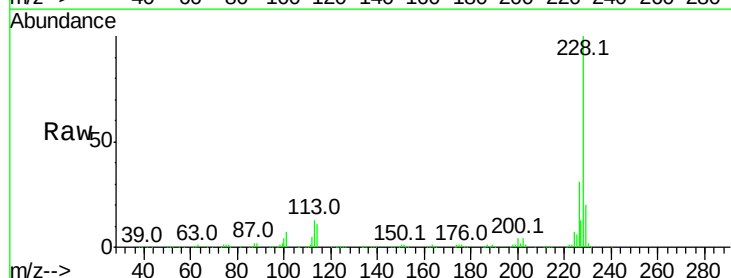


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

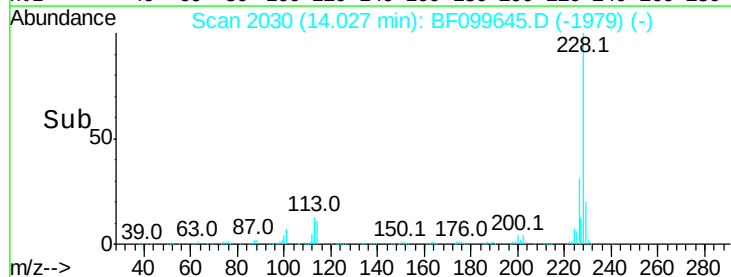
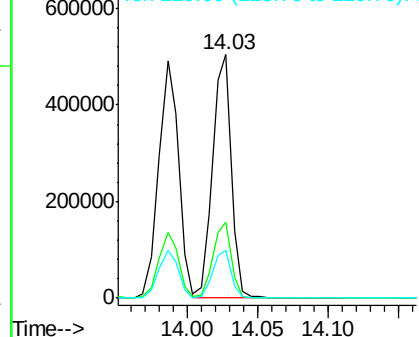


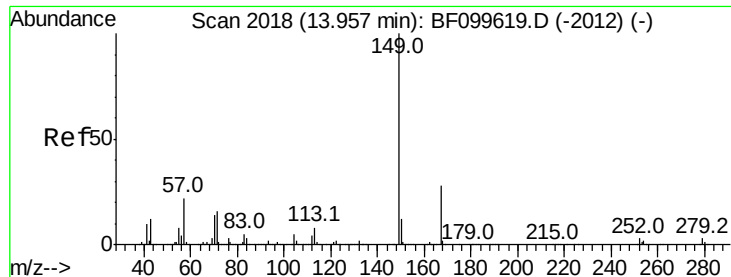
#82
 Chrysene
 Concen: 42.327 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.7	16.2	24.4



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

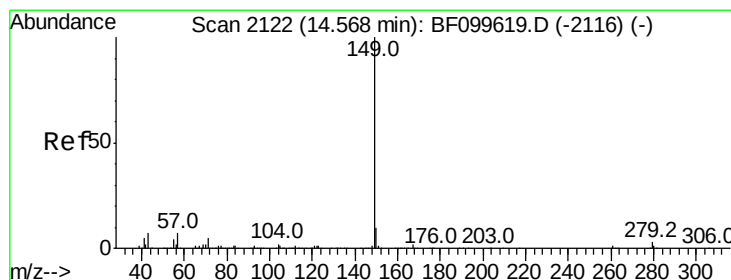
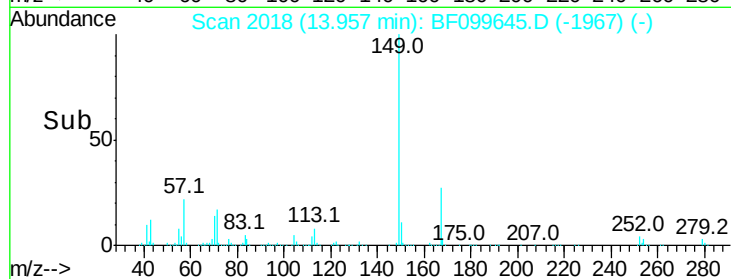
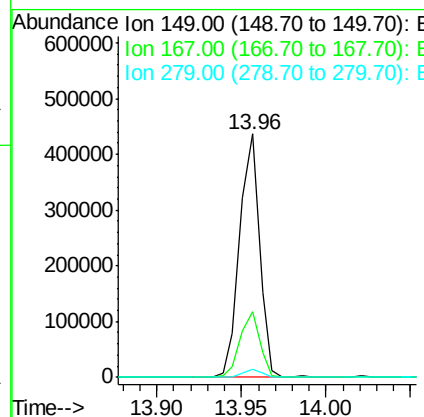
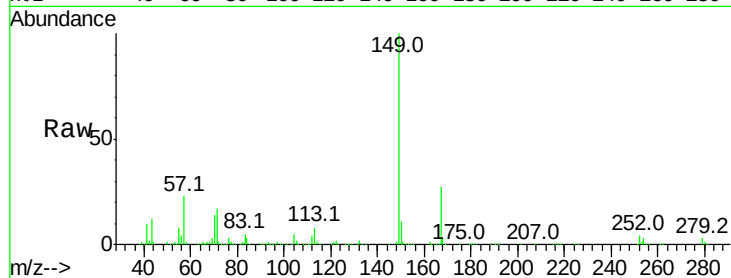




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.231 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

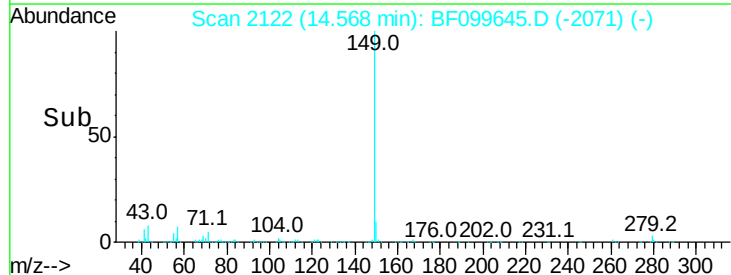
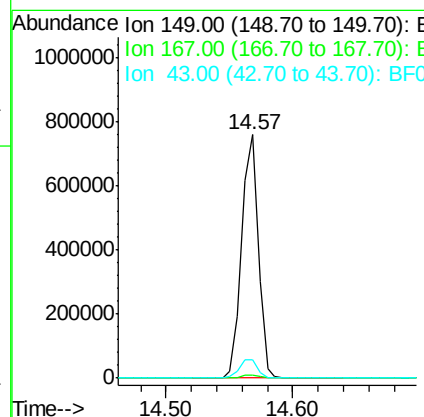
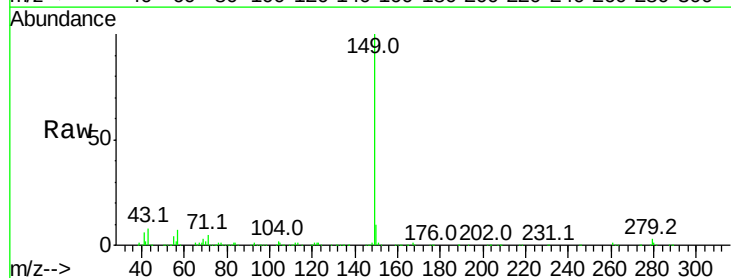
Instrument :
 BNA_F
 ClientSampleId :

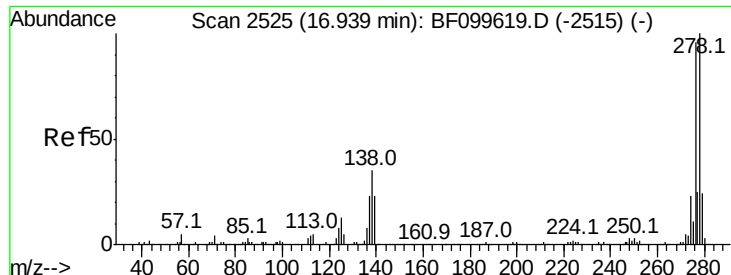
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	3.1	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 45.179 ng
 RT: 14.57 min Scan# 2122
 Delta R.T. 0.00 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.1	8.4	12.6

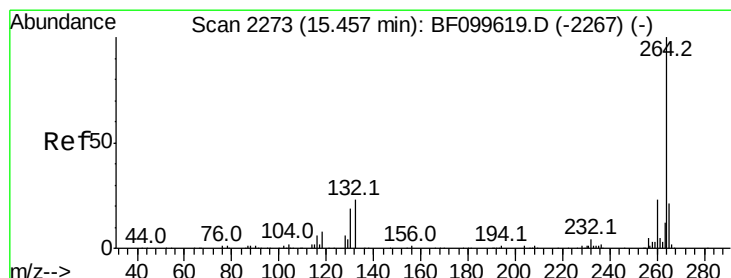
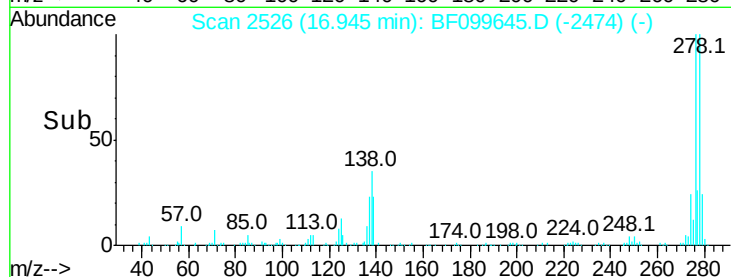
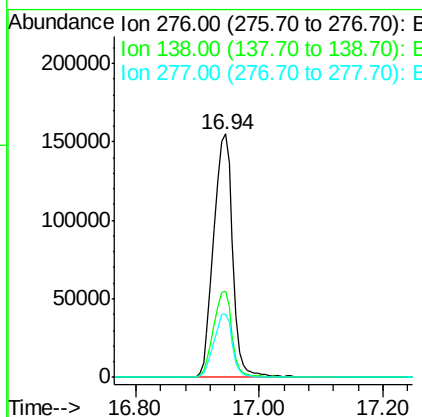
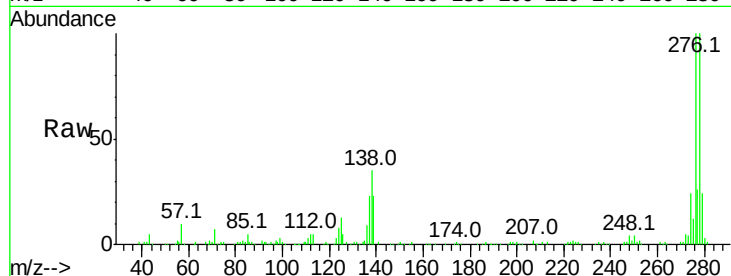




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.862 ng
 RT: 16.94 min Scan# 2526
 Delta R.T. 0.01 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

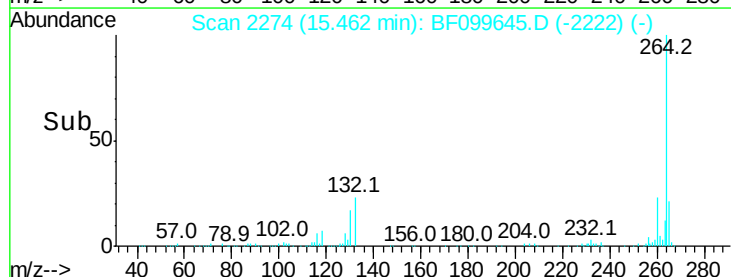
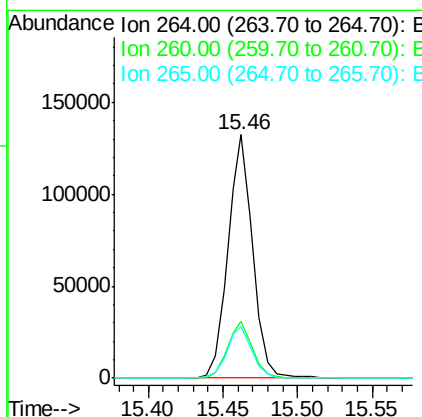
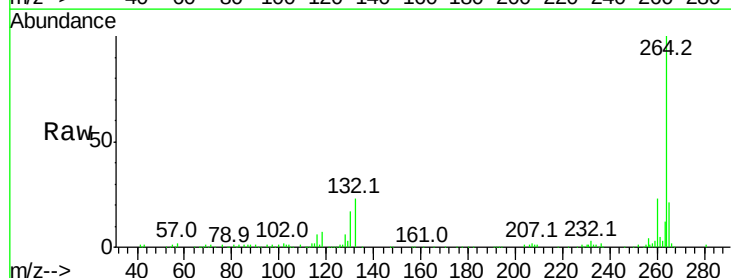
Instrument :
 BNA_F
 ClientSampleId :

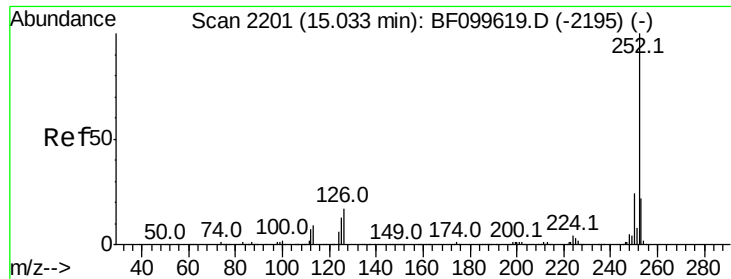
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.3	25.0	37.6
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.2	17.5	26.3

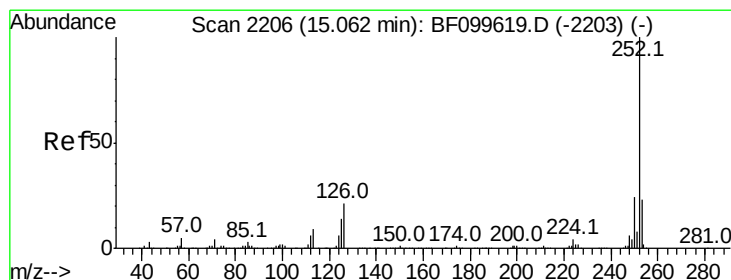
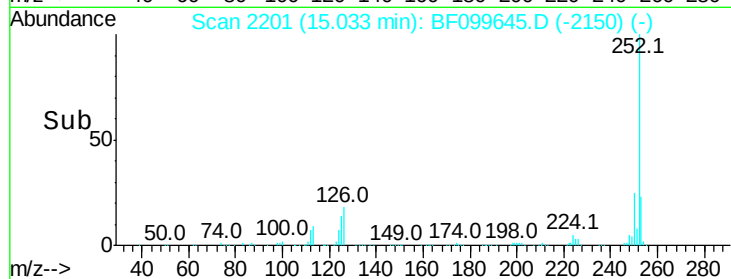
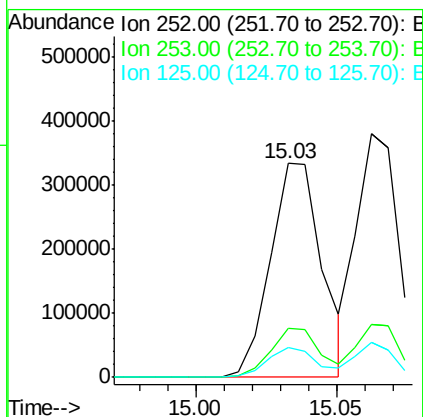
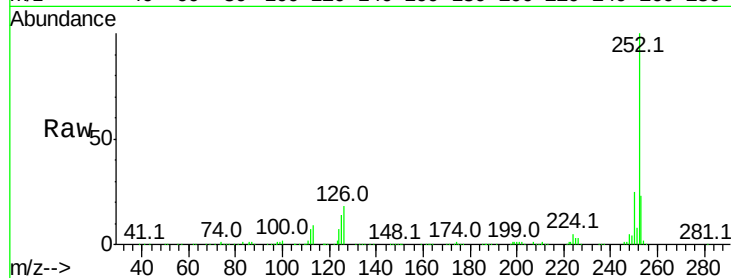




#87
Benzo(b)fluoranthene
Concen: 45.021 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

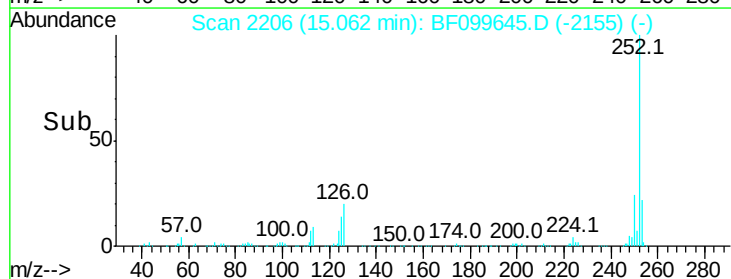
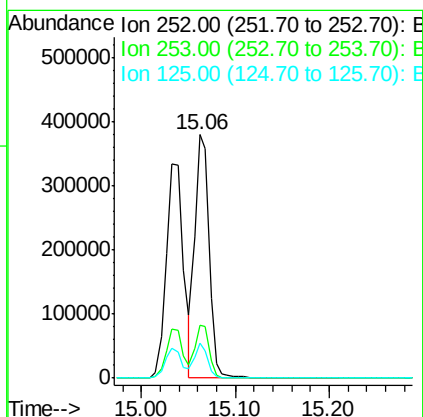
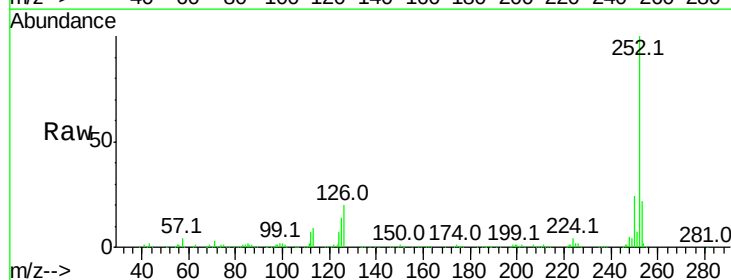
Instrument :
BNA_F
ClientSampled :

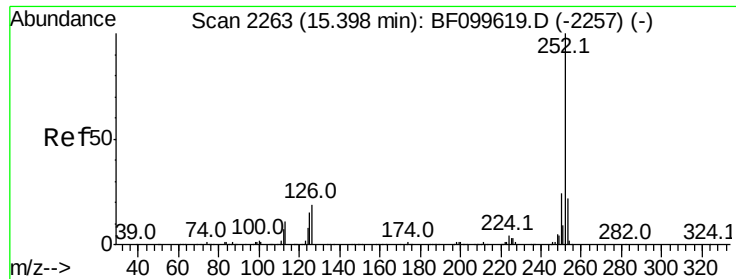
Tot Ion:252 Resp: 424385
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 13.9 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 42.934 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion:252 Resp: 399731
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 14.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 42.864 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

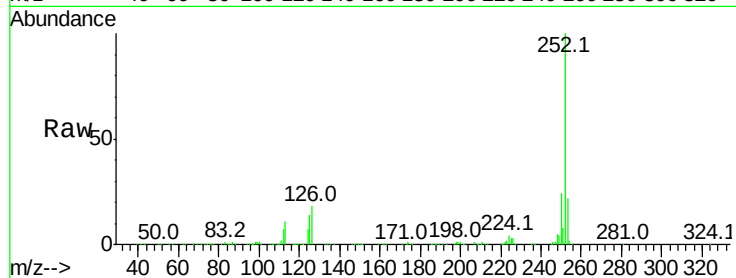
Tot Ion:252 Resp: 370892

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

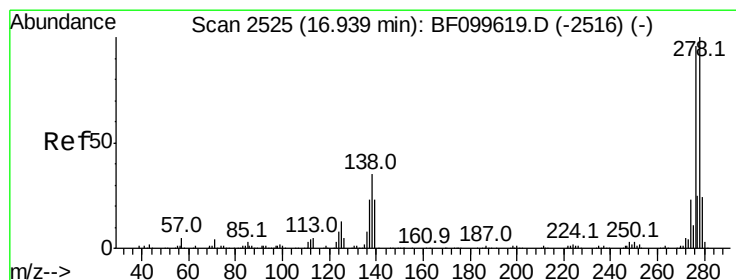
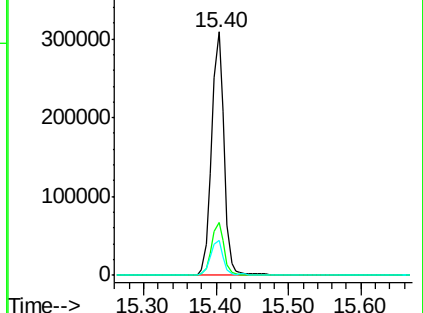
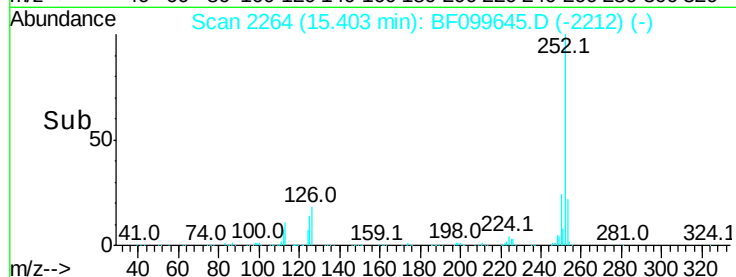
125 14.3 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 40.349 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.01 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

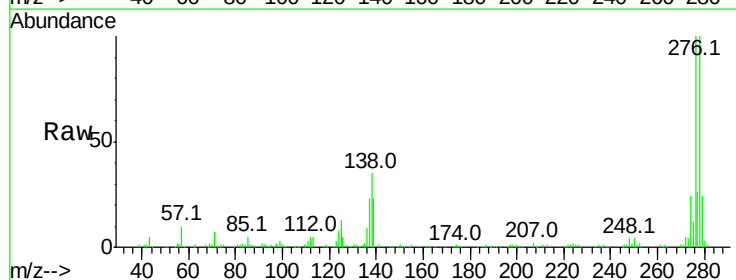
Tgt Ion:278 Resp: 279401

Ion Ratio Lower Upper

278 100

139 23.1 15.9 23.9

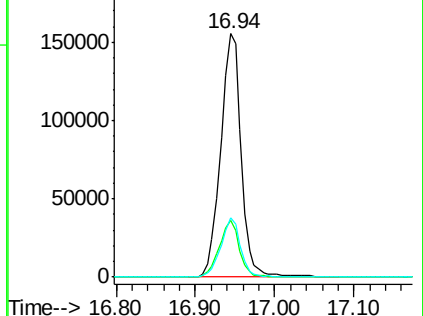
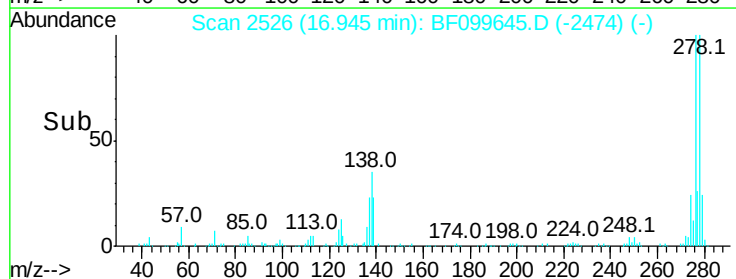
279 24.2 19.0 28.4

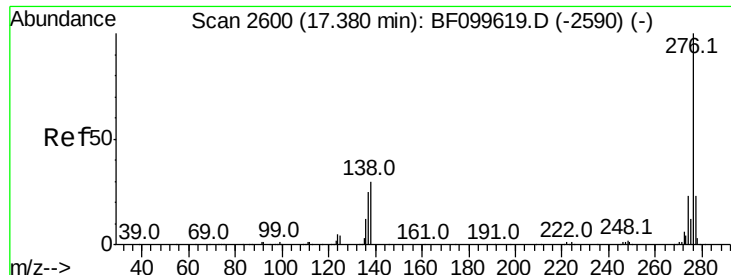


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.950 ng

RT: 17.39 min Scan# 2602

Delta R.T. 0.02 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

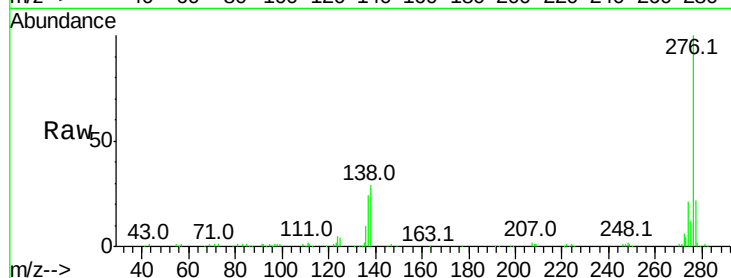
Tot Ion:276 Resp: 266613

Ion Ratio Lower Upper

276 100

277 22.3 17.9 26.9

138 29.0 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

