

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099581.D
 Acq On : 17 Oct 2017 15:15
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 17:32:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 17:32:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	105106	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	431291	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	202279	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	362600	20.00	ng	0.00
75) Chrysene-d12	14.00	240	248144	20.00	ng	0.00
86) Perylene-d12	15.45	264	179637	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	552197	83.63	ng	0.00
7) Phenol-d6	6.47	99	669097	82.15	ng	0.00
23) Nitrobenzene-d5	7.40	82	549887	81.76	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	146390	88.44	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1034830	85.40	ng	0.00
78) Terphenyl-d14	12.93	244	967183	88.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	124916	39.606	ng	# 92
3) Pyridine	3.35	79	323097	37.869	ng	92
4) n-Nitrosodimethylamine	3.31	42	118045	32.627	ng	# 75
6) Aniline	6.50	93	433930	39.474	ng	96
8) 2-Chlorophenol	6.62	128	312419	41.783	ng	92
9) Benzaldehyde	6.39	77	163630	34.633	ng	92
10) Phenol	6.48	94	391286	42.955	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	288991	40.809	ng	94
12) 1,3-Dichlorobenzene	6.77	146	331293	42.307	ng	96
13) 1,4-Dichlorobenzene	6.85	146	339472	42.609	ng	98
14) 1,2-Dichlorobenzene	7.00	146	312496	42.449	ng	97
15) Benzyl Alcohol	6.97	79	212529	35.568	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	381409	34.569	ng	89
17) 2-Methylphenol	7.09	107	250328	40.917	ng	99
18) Hexachloroethane	7.33	117	116557	40.701	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	184715	35.521	ng	91
20) 3+4-Methylphenols	7.24	107	291393	37.649	ng	# 73
22) Acetophenone	7.25	105	401204	38.395	ng	# 95
24) Nitrobenzene	7.42	77	304980	39.977	ng	95
25) Isophorone	7.65	82	552028	39.701	ng	100
26) 2-Nitrophenol	7.73	139	175628	47.874	ng	91
27) 2,4-Dimethylphenol	7.76	122	272283	39.301	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	357563	41.265	ng	99
29) 2,4-Dichlorophenol	7.97	162	258003	43.374	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	259703	43.653	ng	98
31) Naphthalene	8.13	128	856759	42.296	ng	100
32) Benzoic acid	7.92	122	195446	34.343	ng	97
33) 4-Chloroaniline	8.19	127	360751	42.647	ng	# 94
34) Hexachlorobutadiene	8.24	225	134194	43.793	ng	97
35) Caprolactam	8.57	113	62162	32.579	ng	# 79
36) 4-Chloro-3-methylphenol	8.67	107	276852	41.409	ng	94
37) 2-Methylnaphthalene	8.82	142	555708	42.201	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	260373	43.162	ng	98
40) Hexachlorocyclopentadiene	8.97	237	106801	38.740	ng	99

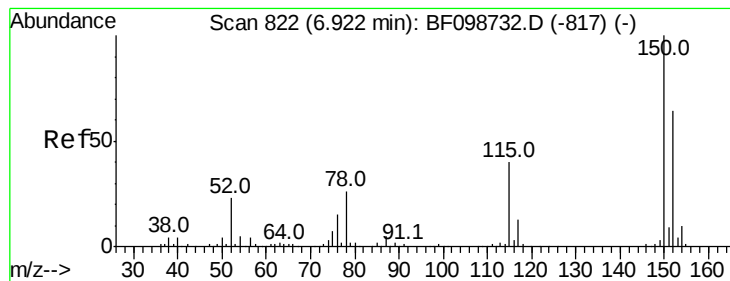
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099581.D
 Acq On : 17 Oct 2017 15:15
 Operator : SJ/JU
 Sample : SSTDC0040
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	172054	40.259	ng	100
43) 2,4,5-Trichlorophenol	9.15	196	172571	40.451	ng	96
45) 1,1'-Biphenyl	9.29	154	725497	41.732	ng	99
46) 2-Chloronaphthalene	9.32	162	554442	42.477	ng	96
47) 2-Nitroaniline	9.42	65	155305	38.858	ng	90
48) Acenaphthylene	9.73	152	828886	41.482	ng	100
49) Dimethylphthalate	9.59	163	653223	42.787	ng	100
50) 2,6-Dinitrotoluene	9.66	165	147344	44.331	ng #	83
51) Acenaphthene	9.90	154	493907	39.021	ng	98
52) 3-Nitroaniline	9.83	138	167596	43.246	ng	93
53) 2,4-Dinitrophenol	9.94	184	54481	35.018	ng	96
54) Dibenzofuran	10.07	168	676390	40.135	ng	99
55) 4-Nitrophenol	10.00	139	144276	44.027	ng #	79
56) 2,4-Dinitrotoluene	10.06	165	178578	41.399	ng	95
57) Fluorene	10.42	166	576182	42.537	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	112644	38.223	ng	88
59) Diethylphthalate	10.28	149	613681	41.137	ng	98
60) 4-Chlorophenyl-phenylether	10.40	204	259230	42.604	ng	91
61) 4-Nitroaniline	10.45	138	167809	44.882	ng	89
62) Azobenzene	10.56	77	525048	38.278	ng	92
64) 4,6-Dinitro-2-methylphenol	10.47	198	99667	45.177	ng	84
65) n-Nitrosodiphenylamine	10.52	169	520824	41.462	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	152199	42.882	ng	92
67) Hexachlorobenzene	10.96	284	161388	42.574	ng	95
68) Atrazine	11.05	200	155194	41.063	ng	98
69) Pentachlorophenol	11.16	266	83181	35.258	ng	98
70) Phenanthrene	11.37	178	808653	41.664	ng	99
71) Anthracene	11.43	178	824292	41.507	ng	100
72) Carbazole	11.59	167	792762	40.764	ng	100
73) Di-n-butylphthalate	11.90	149	971035	41.483	ng	98
74) Fluoranthene	12.57	202	814106	41.422	ng	97
76) Benzidine	12.69	184	354911	38.670	ng	99
77) Pyrene	12.80	202	831516	43.945	ng	99
79) Butylbenzylphthalate	13.40	149	402704	45.284	ng	95
80) Benzo(a)anthracene	13.99	228	648384	43.152	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	209729	38.075	ng	97
82) Chrysene	14.02	228	604914	42.286	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	550078	44.923	ng #	99
84) Di-n-octyl phthalate	14.56	149	917017	46.509	ng #	95
85) Indeno(1,2,3-cd)pyrene	16.93	276	435302	38.040	ng	97
87) Benzo(b)fluoranthene	15.06	252	496174	44.924	ng	98
88) Benzo(k)fluoranthene	15.06	252	496174	45.483	ng	99
89) Benzo(a)pyrene	15.39	252	436656	43.070	ng	97
90) Dibenzo(a,h)anthracene	16.93	278	356102	43.889	ng	98
91) Benzo(g,h,i)perylene	17.37	276	370208	46.159	ng	94

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

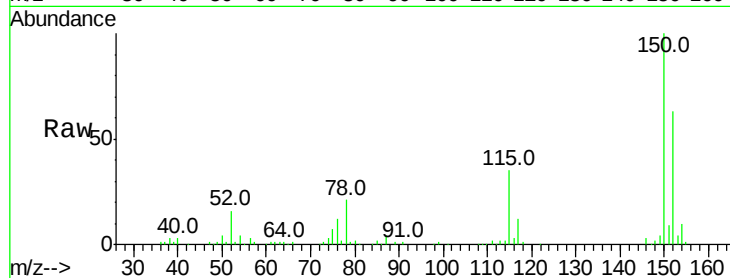


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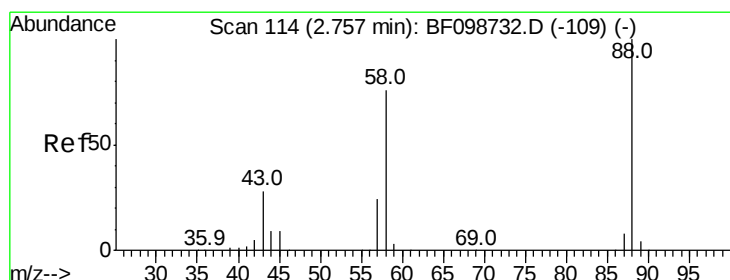
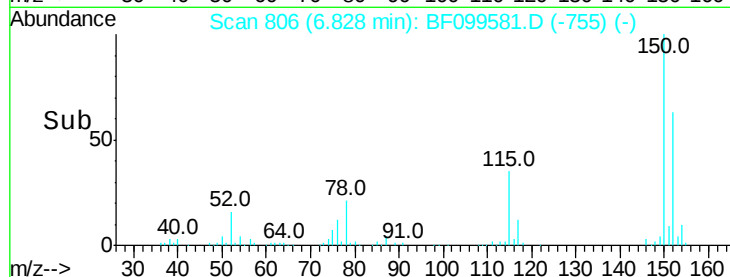
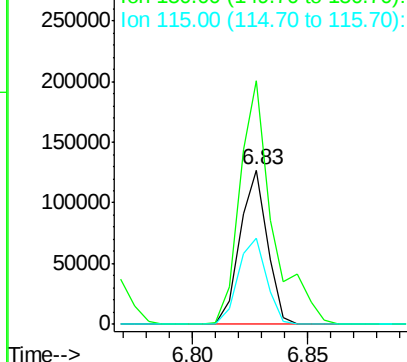
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 105106
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 56.0 50.1 75.1



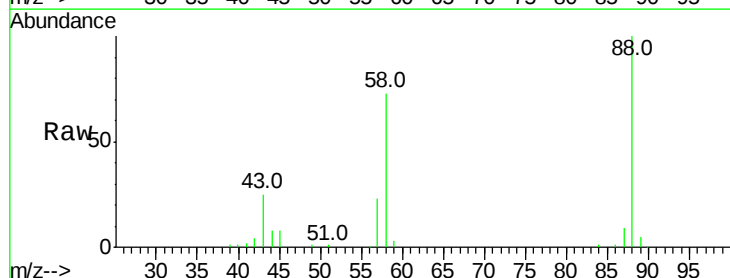
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



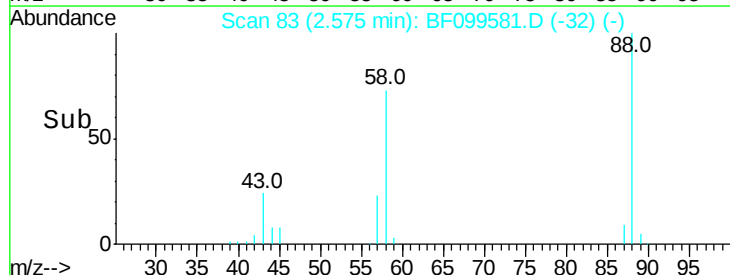
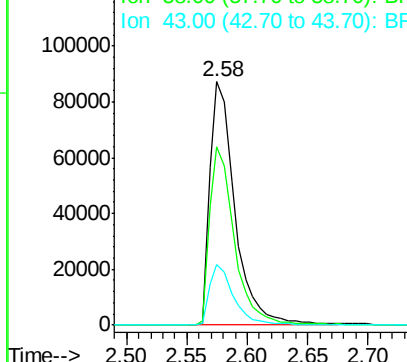
#2

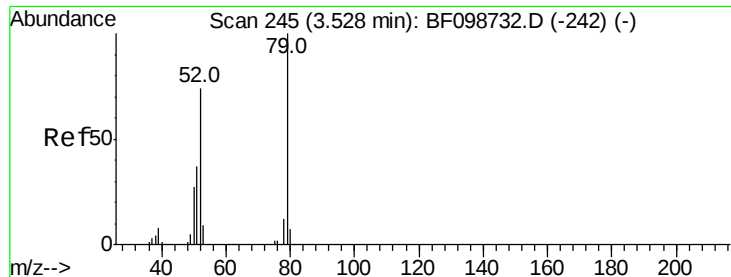
1,4-Dioxane
Concen: 39.606 ng
RT: 2.58 min Scan# 83
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Tgt Ion: 88 Resp: 124916
Ion Ratio Lower Upper
88 100
58 72.5 62.6 93.8
43 24.4 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: 37.869 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

Instrument :

BNA_F

ClientSampleId :

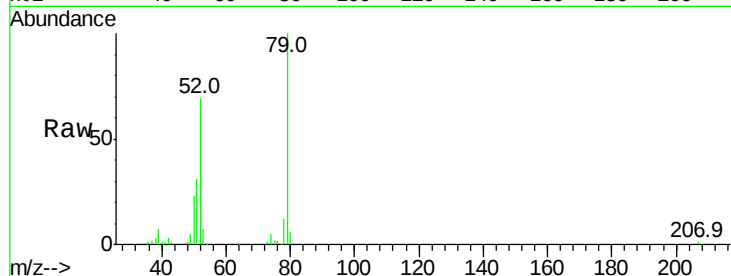
Tot Ion: 79 Resp: 323097

Ion Ratio Lower Upper

79 100

52 69.4 59.8 89.6

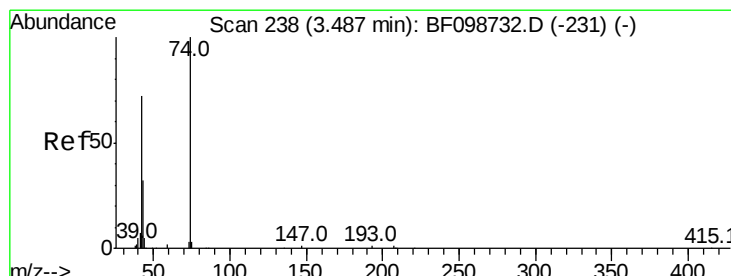
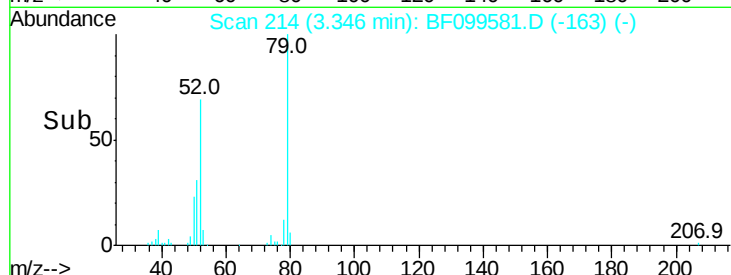
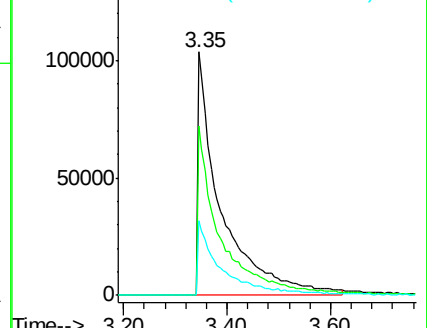
51 30.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.627 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

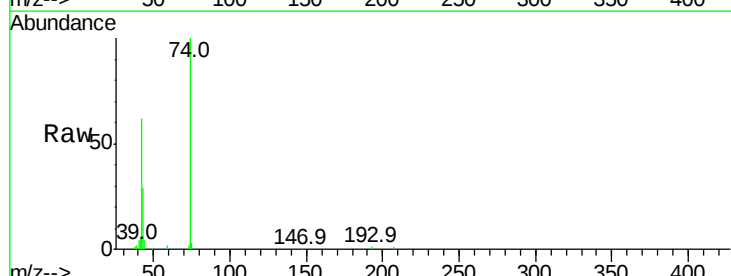
Tgt Ion: 42 Resp: 118045

Ion Ratio Lower Upper

42 100

74 161.7 104.9 157.3#

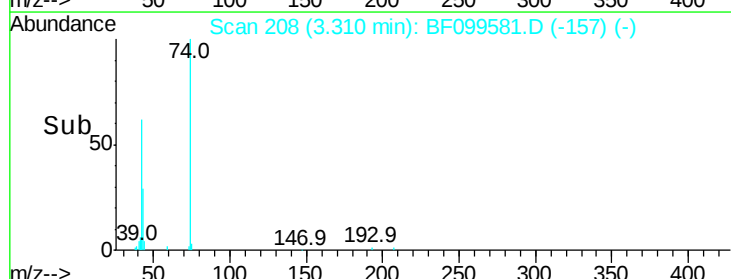
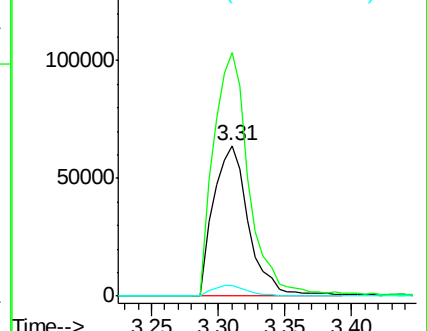
44 6.7 6.9 10.3#

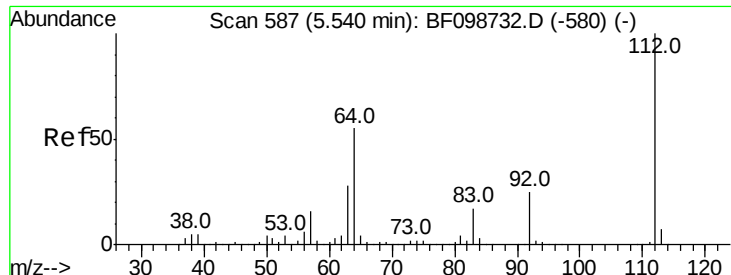


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.634 ng

RT: 5.45 min Scan# 571

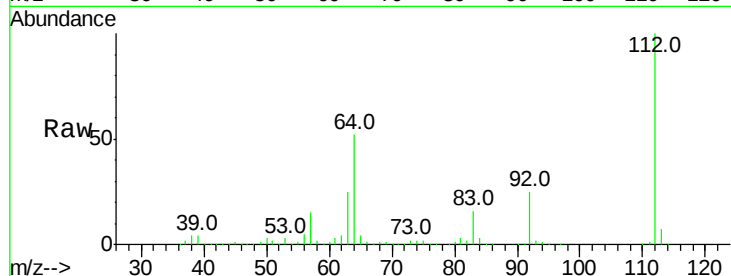
Delta R.T. 0.00 min

Lab File: BF099581.D

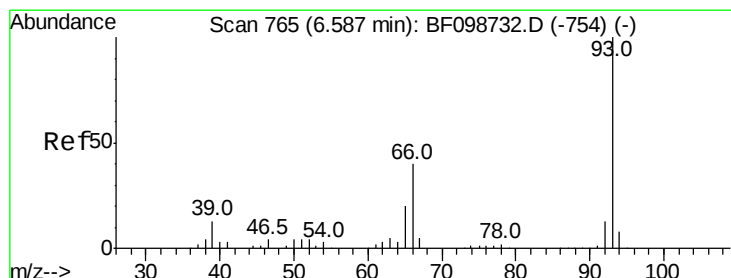
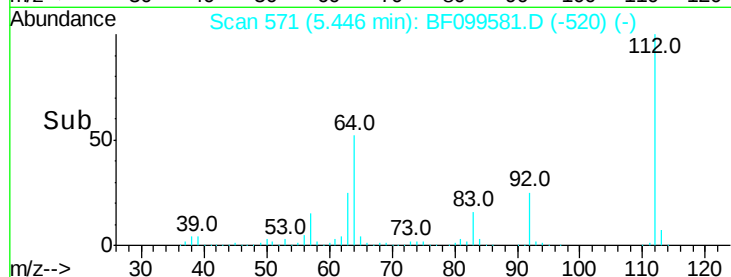
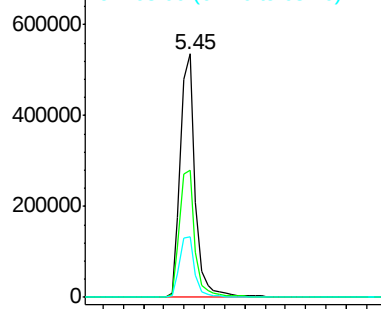
Acq: 17 Oct 2017 15:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	552197
Ion	Ratio	Lower	Upper
112	100		
64	52.0	47.9	71.9
63	24.7	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 39.474 ng

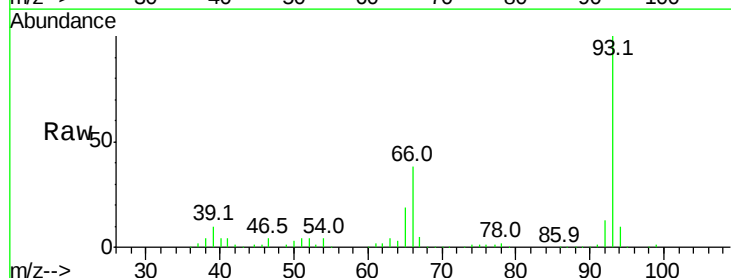
RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

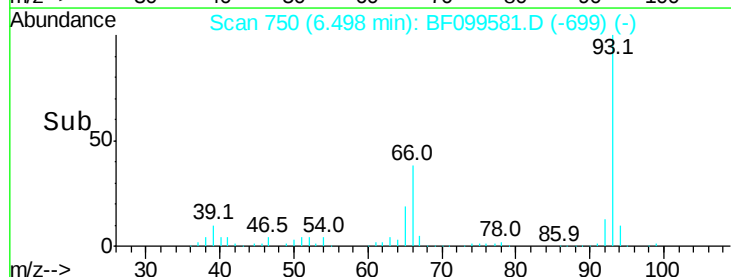
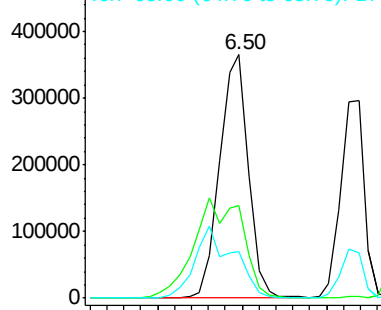
Lab File: BF099581.D

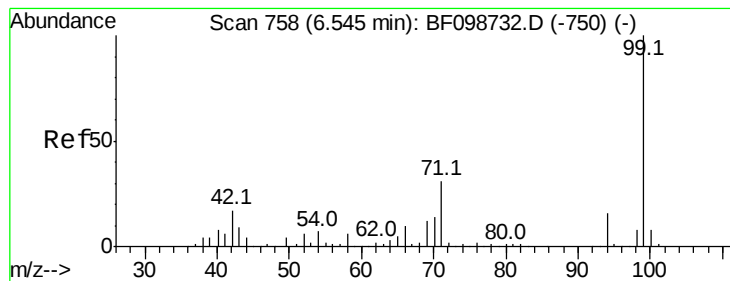
Acq: 17 Oct 2017 15:15

Tgt Ion:	93	Resp:	433930
Ion	Ratio	Lower	Upper
93	100		
66	37.9	32.2	48.2
65	19.1	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 82.148 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

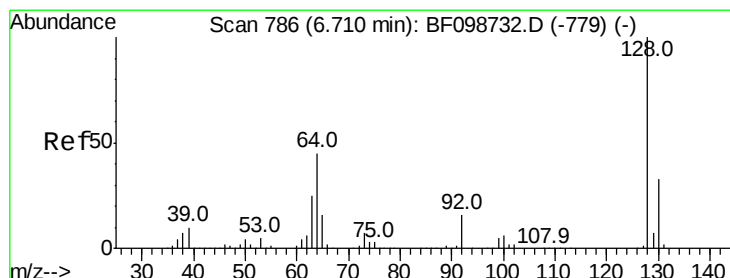
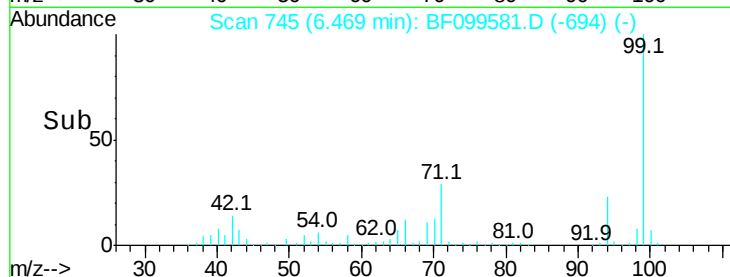
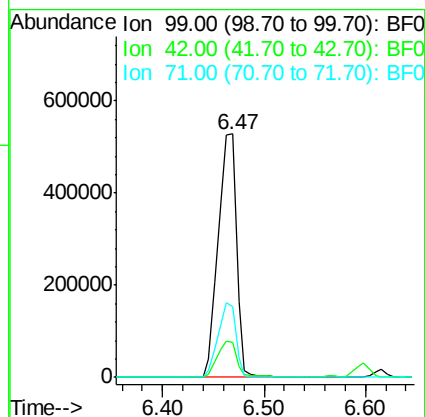
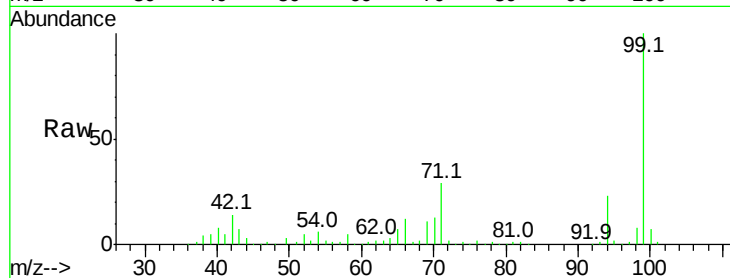
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 669097

Ion	Ratio	Lower	Upper
99	100		
42	14.3	14.5	21.7#
71	29.2	25.4	38.0



#8

2-Chlorophenol

Concen: 41.783 ng

RT: 6.62 min Scan# 770

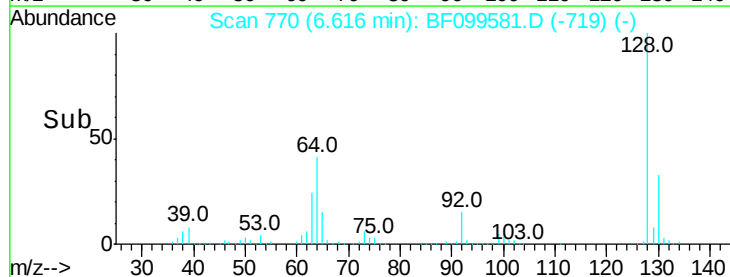
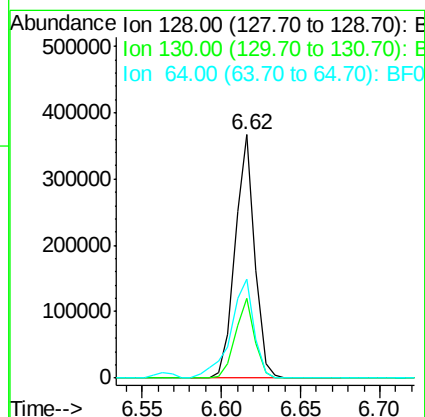
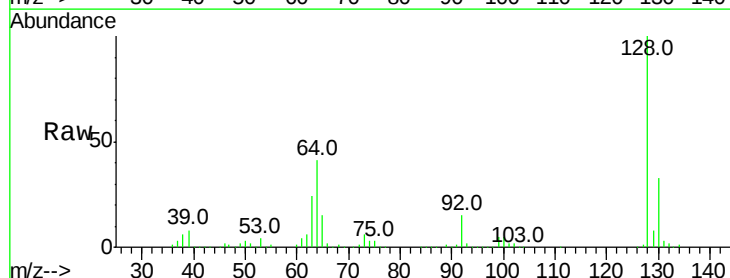
Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

Tgt Ion: 128 Resp: 312419

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.0	53.0
64	40.7	29.4	69.4





#9

Benzaldehyde

Concen: 34.633 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

Instrument :

BNA_F

ClientSampleId :

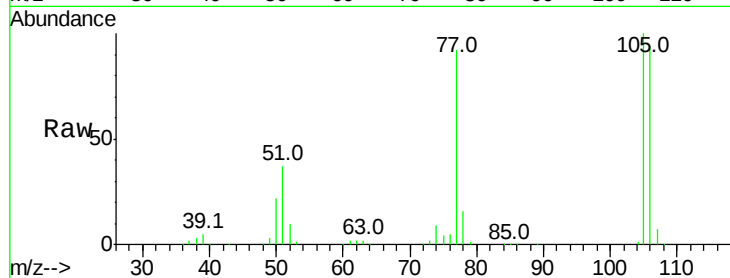
Tot Ion: 77 Resp: 163630

Ion Ratio Lower Upper

77 100

105 108.9 81.1 121.1

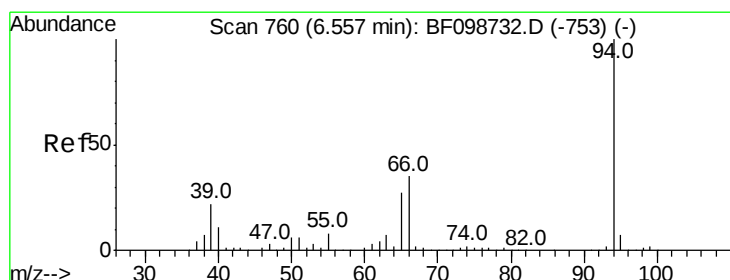
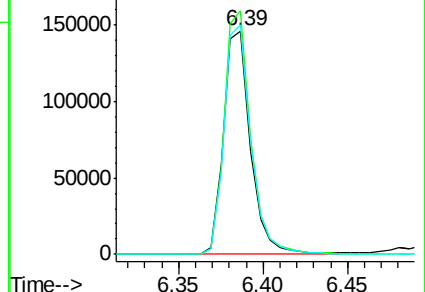
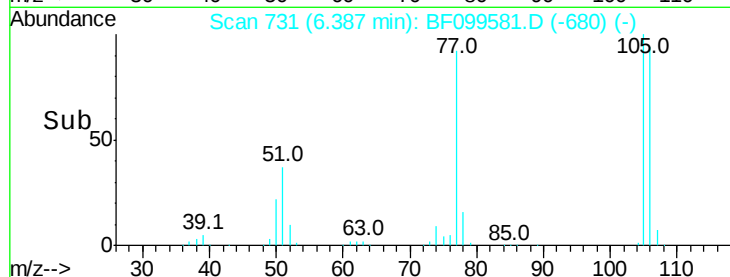
106 102.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.955 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

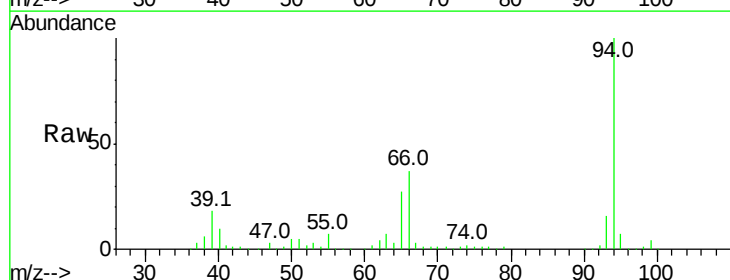
Tgt Ion: 94 Resp: 391286

Ion Ratio Lower Upper

94 100

65 26.7 7.9 47.9

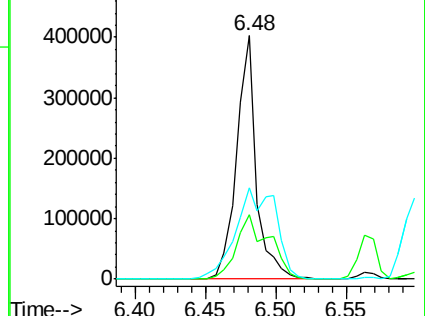
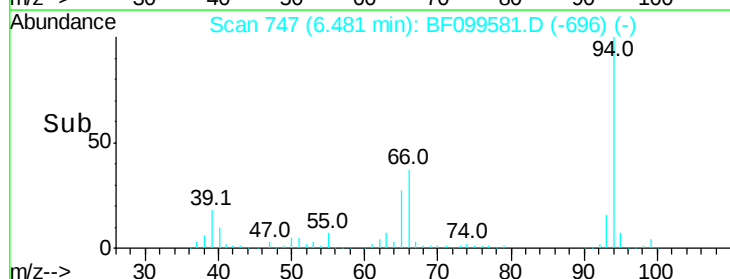
66 37.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

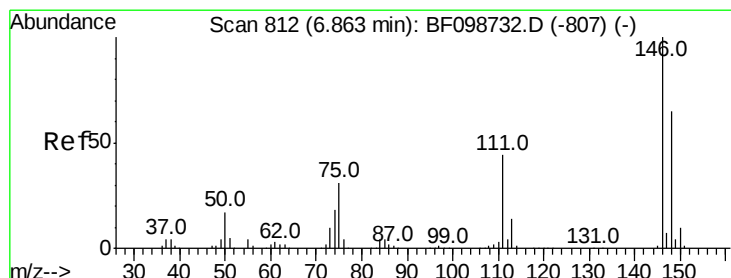
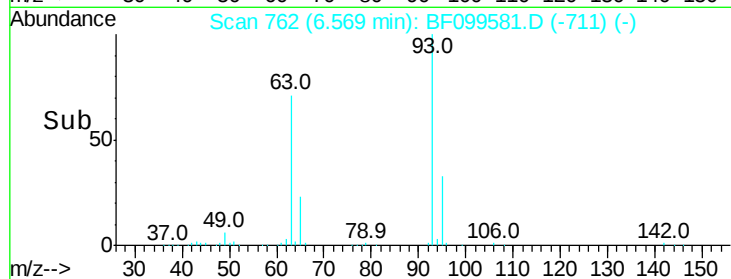
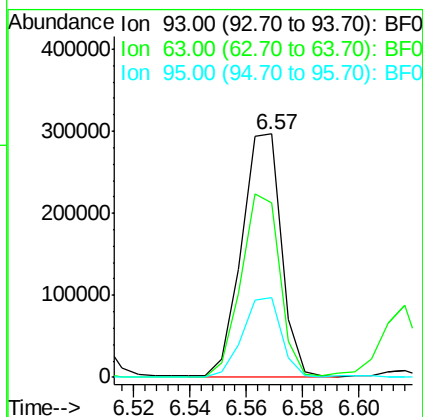
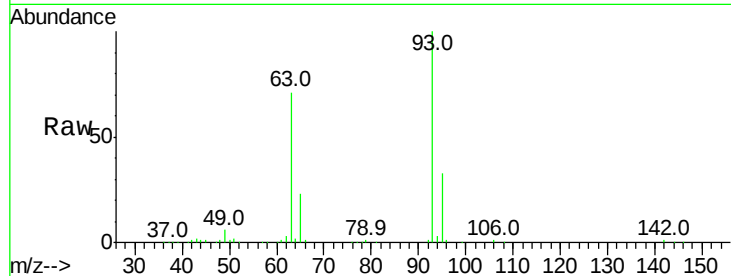




#11
 bis(2-Chloroethyl)ether
 Concen: 40.809 ng
 RT: 6.57 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF099581.D
 Acq: 17 Oct 2017 15:15

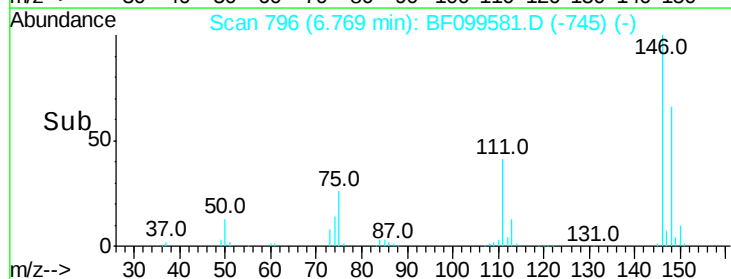
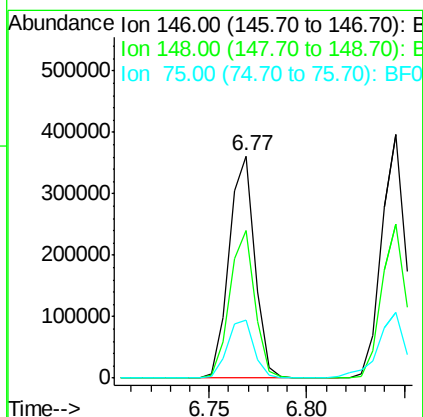
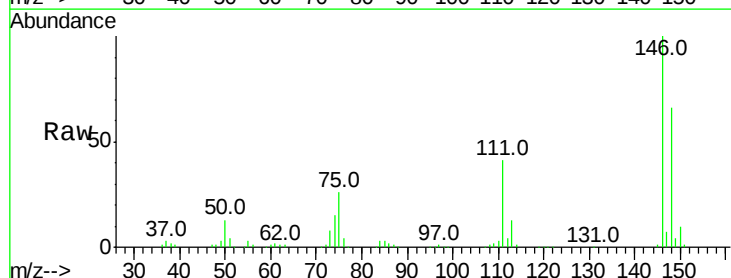
Instrument :
 BNA_F
 ClientSampleId :

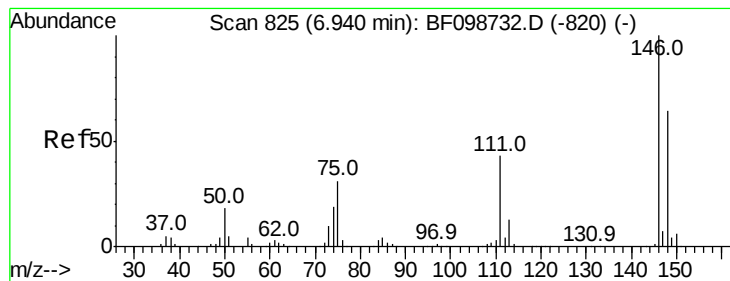
Tot Ion:	93	Resp:	288991
Ion	Ratio	Lower	Upper
93	100		
63	71.5	58.6	98.6
95	32.8	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 42.307 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF099581.D
 Acq: 17 Oct 2017 15:15

Tgt Ion:	146	Resp:	331293
Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.8	77.8
75	26.1	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 42.609 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

Instrument :

BNA_F

ClientSampled :

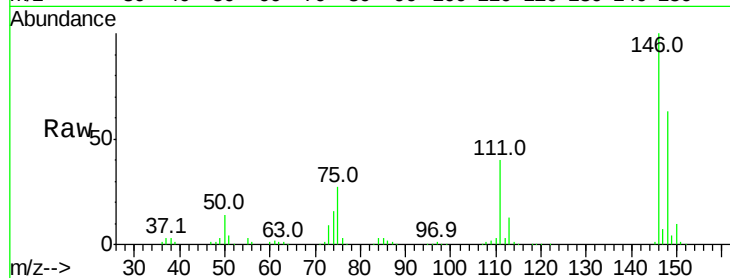
Tot Ion:146 Resp: 339472

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

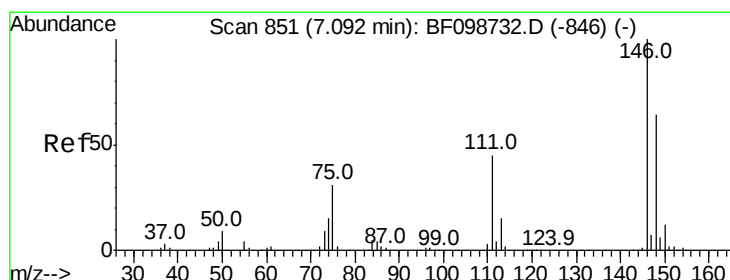
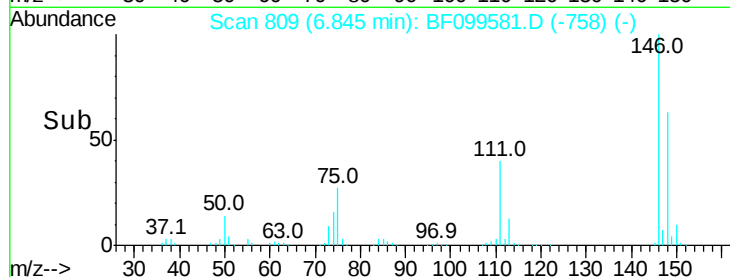
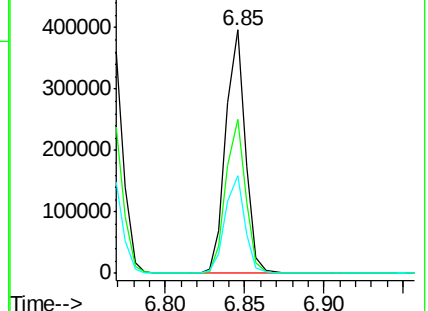
111 40.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.449 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

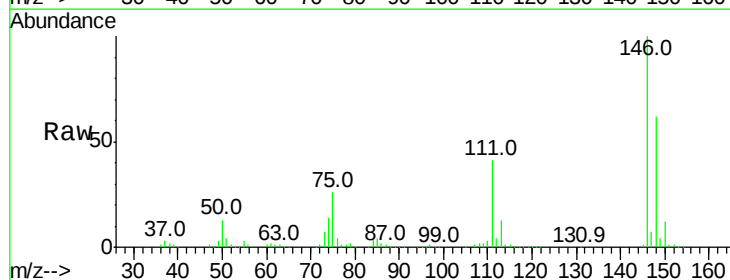
Tgt Ion:146 Resp: 312496

Ion Ratio Lower Upper

146 100

148 62.4 50.6 75.8

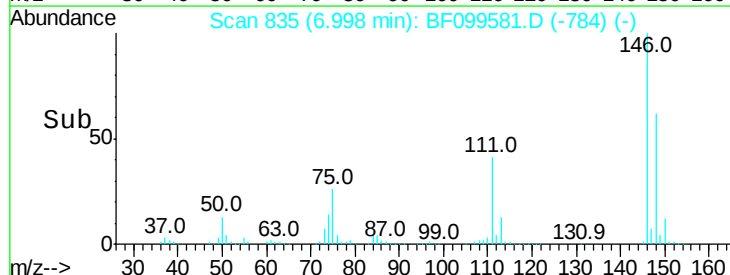
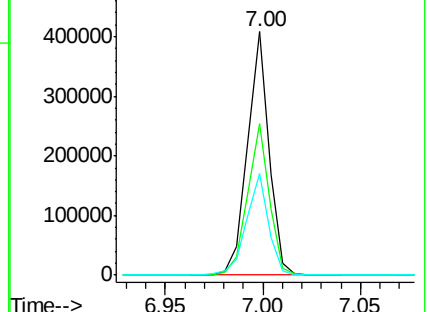
111 41.5 36.0 54.0

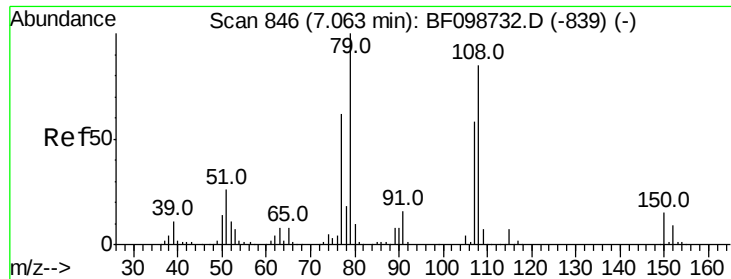


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.568 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

Instrument :

BNA_F

ClientSampleId :

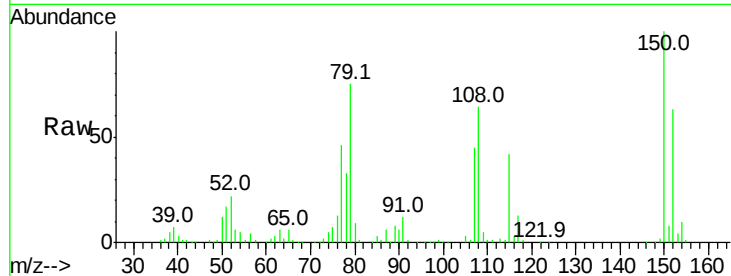
Tot Ion: 79 Resp: 212529

Ion Ratio Lower Upper

79 100

108 85.1 65.1 97.7

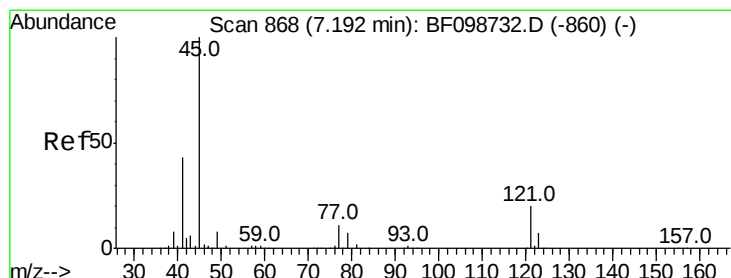
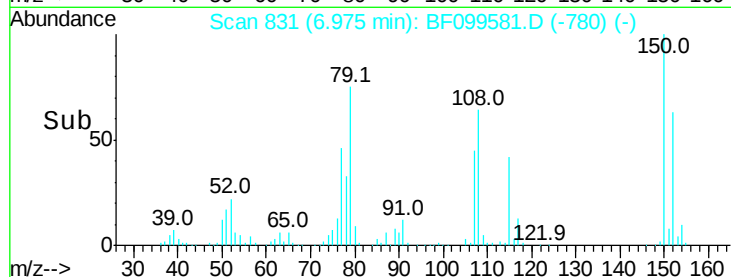
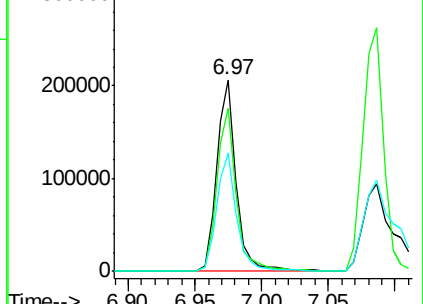
77 61.9 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.569 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

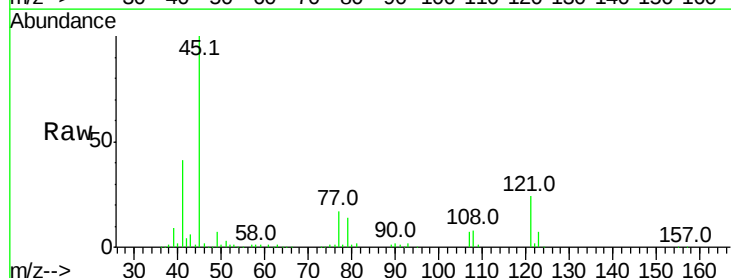
Tgt Ion: 45 Resp: 381409

Ion Ratio Lower Upper

45 100

77 17.4 0.0 32.9

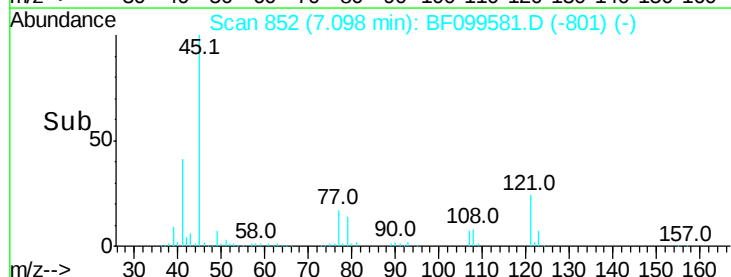
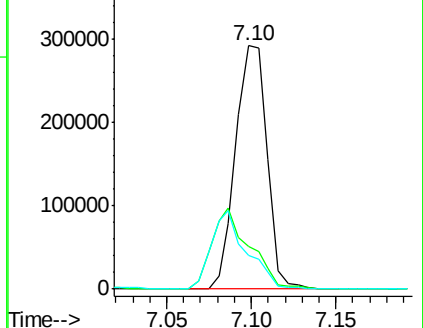
79 13.6 0.0 29.6

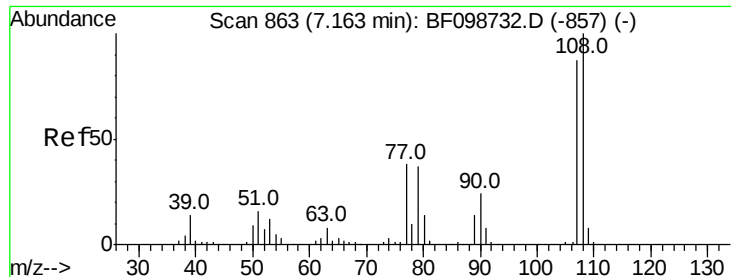


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.917 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 250328

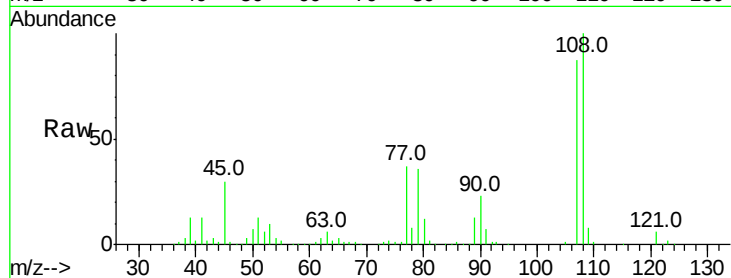
Ion Ratio Lower Upper

107 100

108 114.4 91.7 137.5

77 42.7 33.8 50.8

79 41.3 33.8 50.8

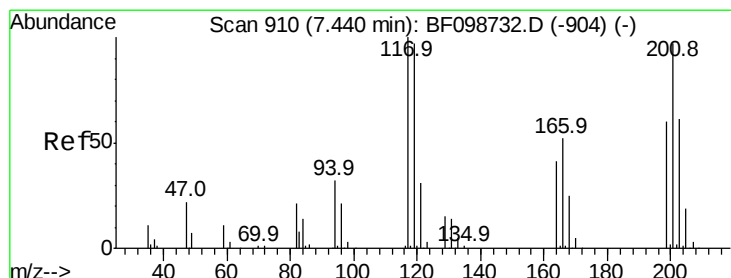
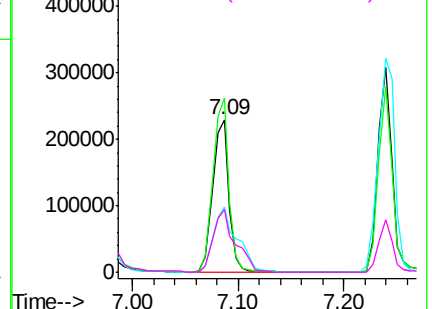
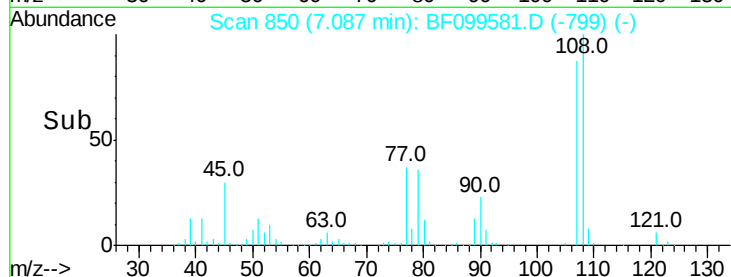


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.701 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

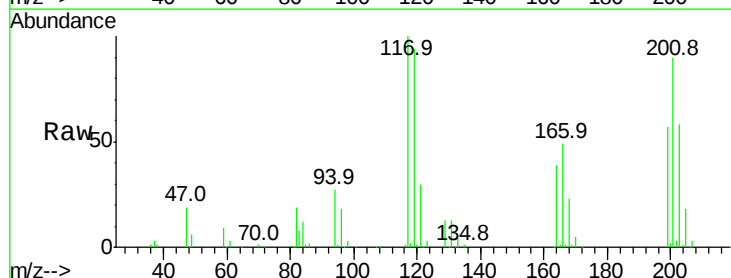
Tgt Ion:117 Resp: 116557

Ion Ratio Lower Upper

117 100

119 93.7 75.8 113.8

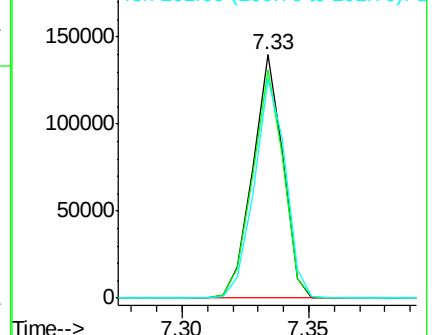
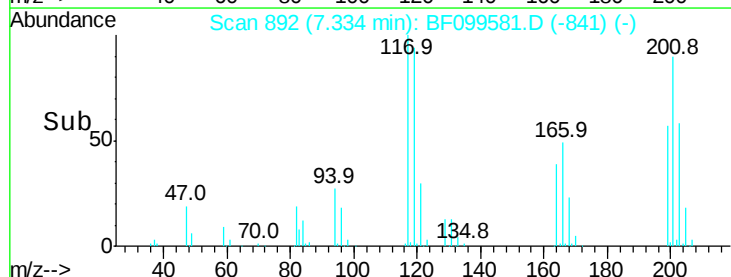
201 89.9 75.7 113.5

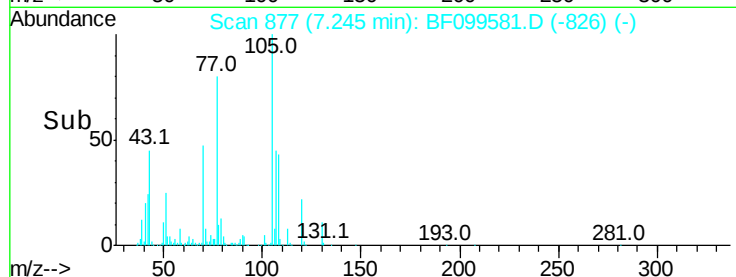
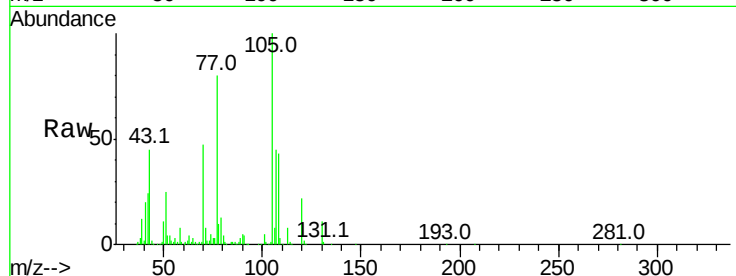
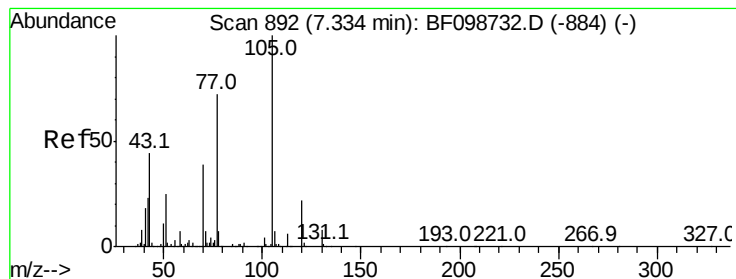


Abundance Ion 117.00 (116.70 to 117.70): E

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: 35.521 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 184715

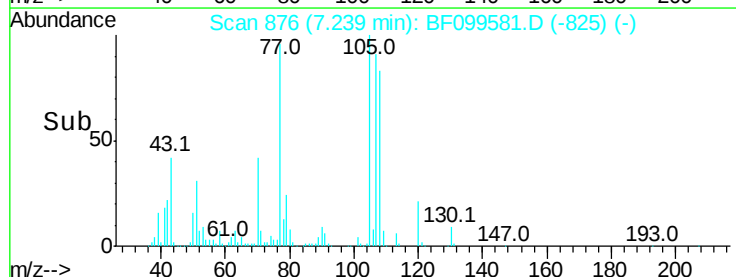
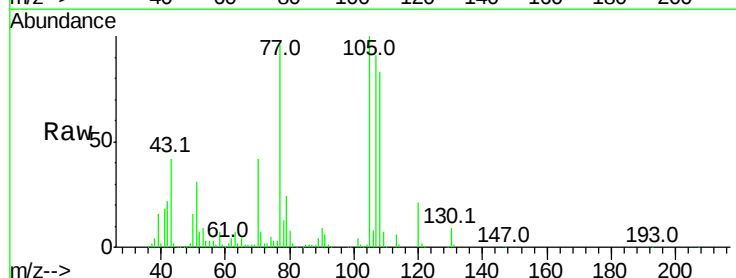
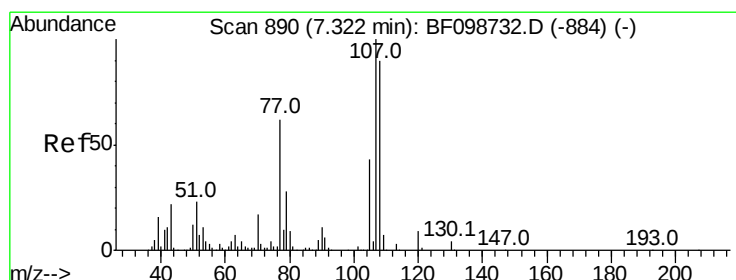
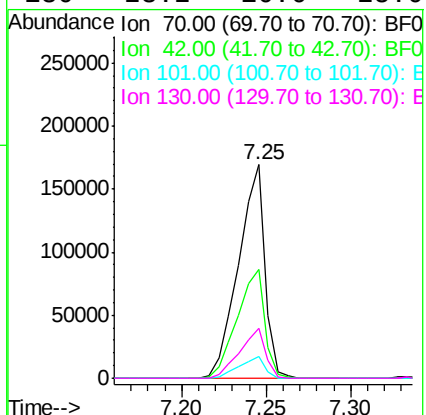
Ion Ratio Lower Upper

70 100

42 51.0 47.5 71.3

101 10.5 7.4 11.2

130 23.2 16.6 25.0



#20

3+4-Methylphenols

Concen: 37.649 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

Tgt Ion:107 Resp: 291393

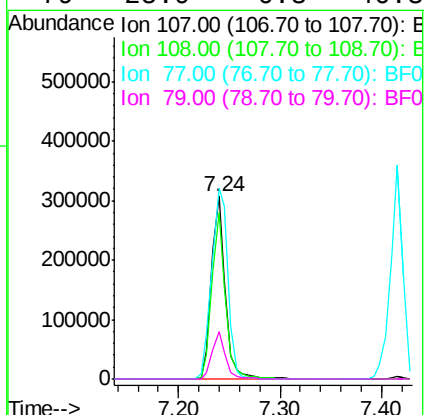
Ion Ratio Lower Upper

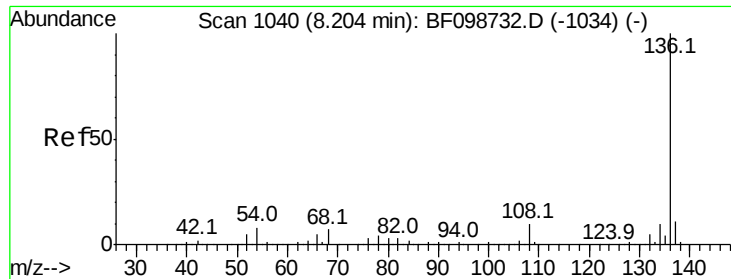
107 100

108 90.9 68.2 108.2

77 104.5 26.7 66.7#

79 25.9 6.3 46.3

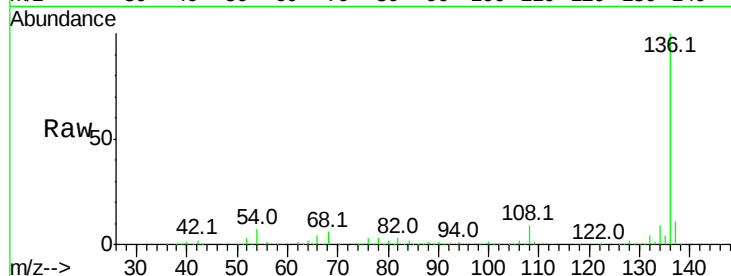




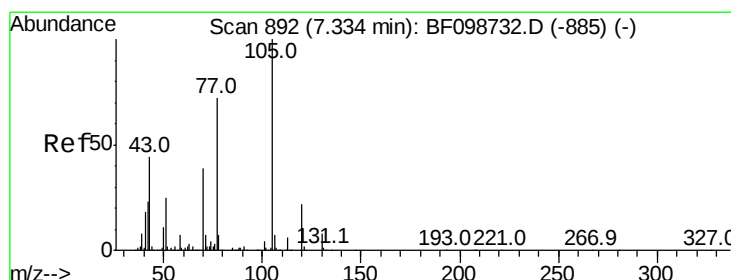
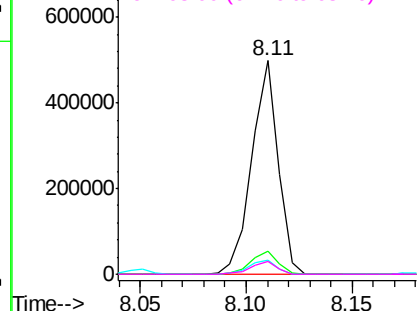
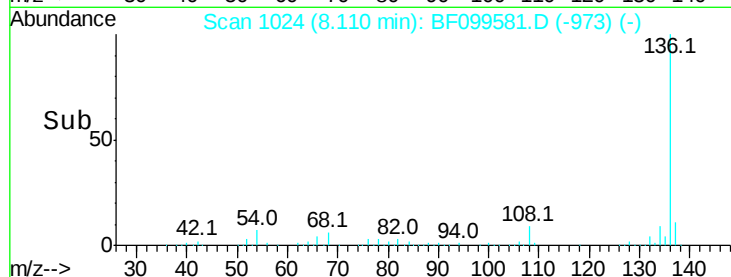
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	431291
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 6.8	6.6	9.8
68 5.8	5.0	7.4

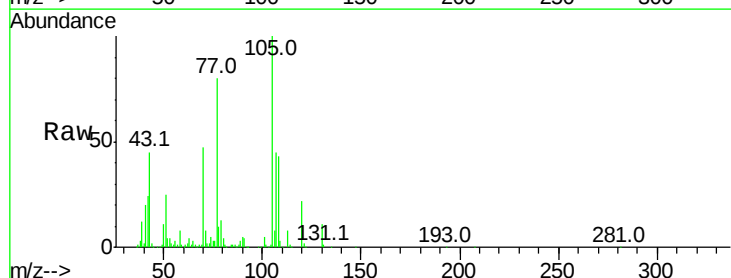


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

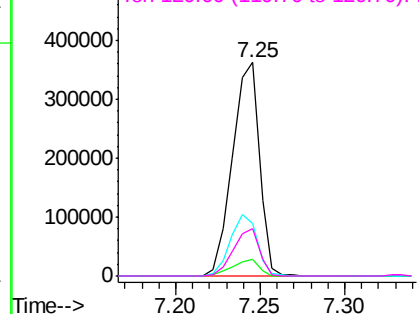
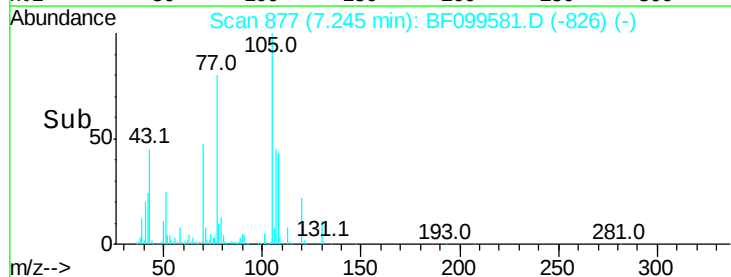


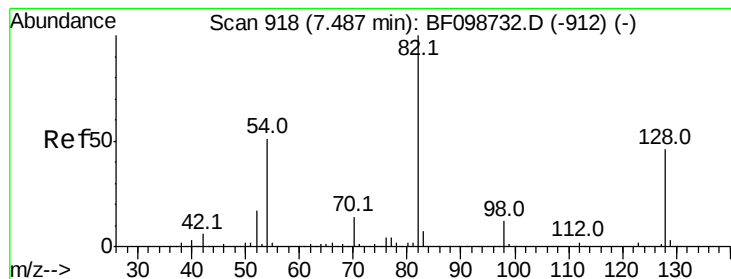
#22
Acetophenone
Concen: 38.395 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Tgt	Ion:105	Resp:	401204
Ion	Ratio	Lower	Upper
105	100		
71	8.1	4.4	6.6#
51	24.7	22.3	33.5
120	22.2	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 81.765 ng

RT: 7.40 min Scan# 903

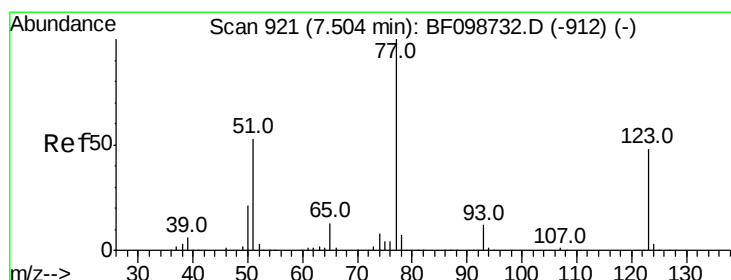
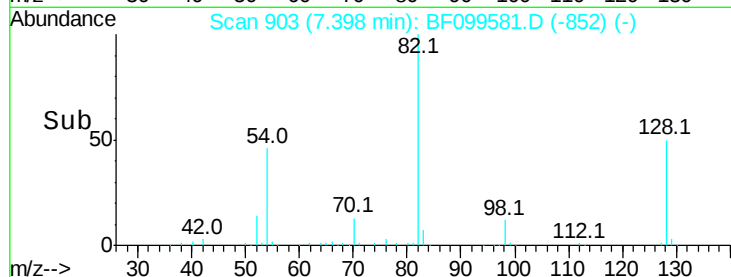
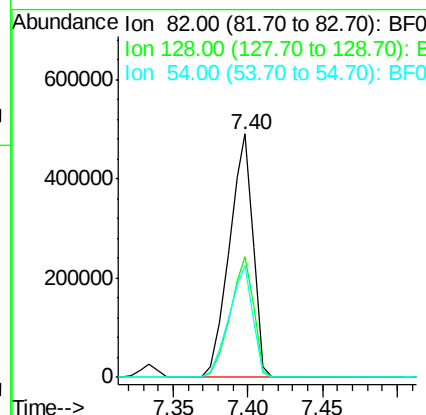
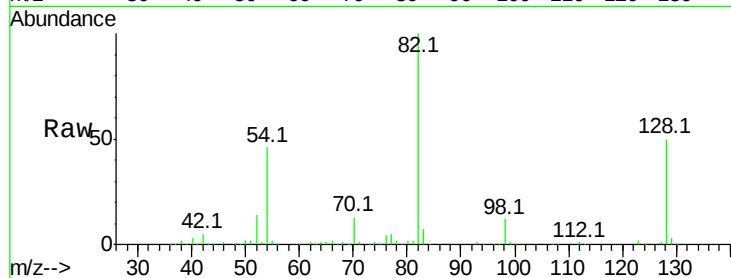
Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	82	Resp:	549887
Ion	Ratio	Lower	Upper
82	100		
128	49.8	36.1	54.1
54	45.7	41.4	62.2



#24

Nitrobenzene

Concen: 39.977 ng

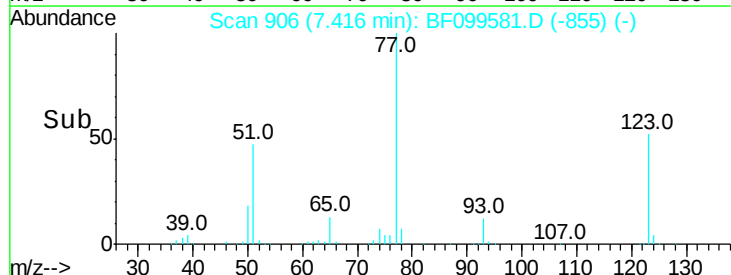
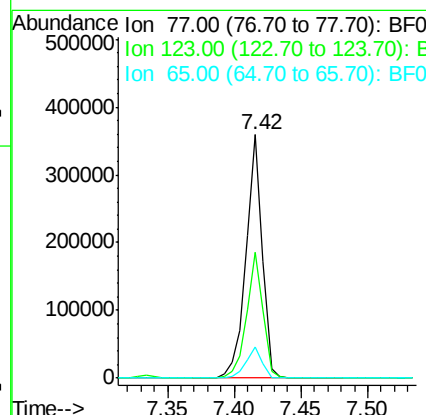
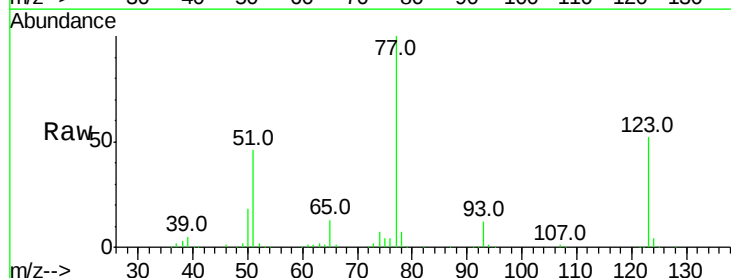
RT: 7.42 min Scan# 906

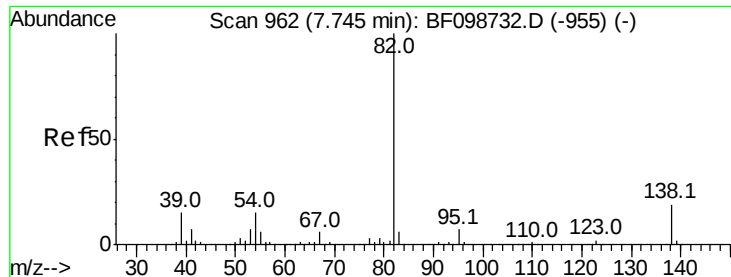
Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

Tgt Ion:	77	Resp:	304980
Ion	Ratio	Lower	Upper
77	100		
123	51.7	37.9	56.9
65	12.8	11.0	16.4





#25

Isophorone

Concen: 39.701 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

Instrument :

BNA_F

ClientSampleId :

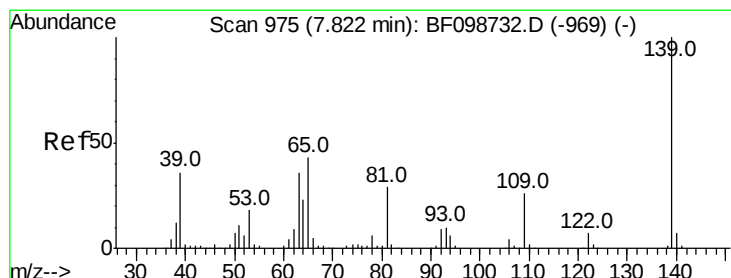
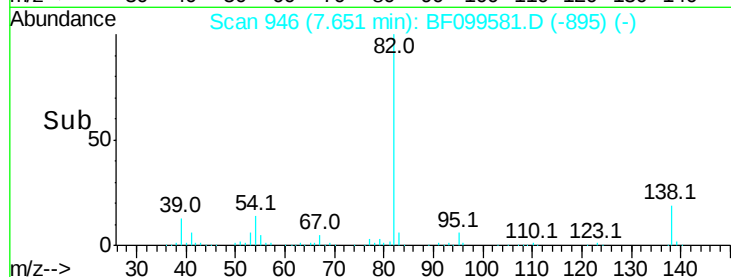
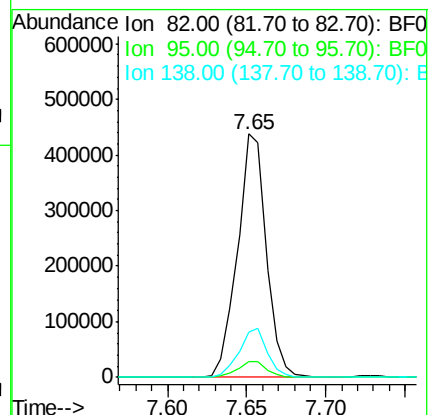
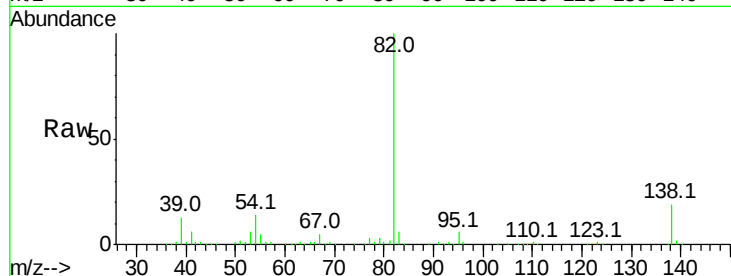
Tot Ion: 82 Resp: 552028

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 18.6 14.9 22.3



#26

2-Nitrophenol

Concen: 47.874 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

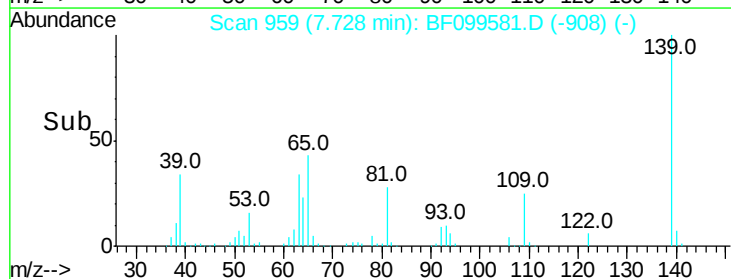
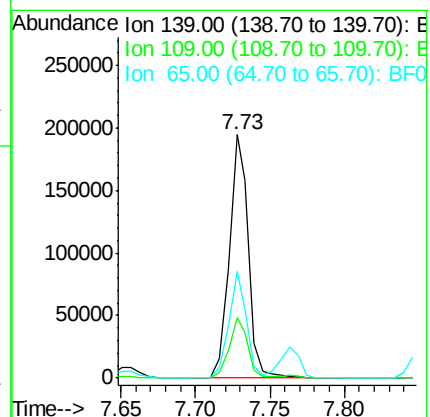
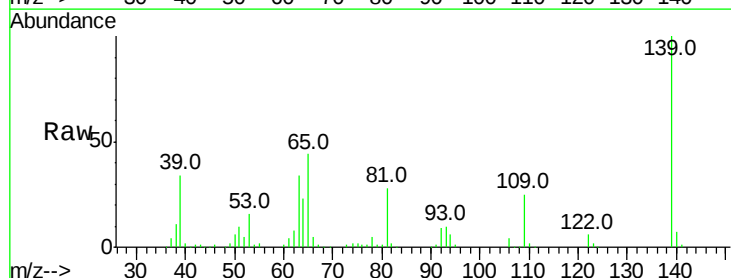
Tgt Ion: 139 Resp: 175628

Ion Ratio Lower Upper

139 100

109 24.8 22.7 34.1

65 43.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.301 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

Instrument :

BNA_F

ClientSampleId :

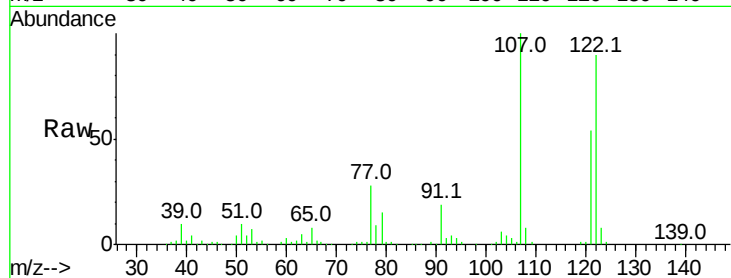
Tot Ion:122 Resp: 272283

Ion Ratio Lower Upper

122 100

107 111.2 91.2 136.8

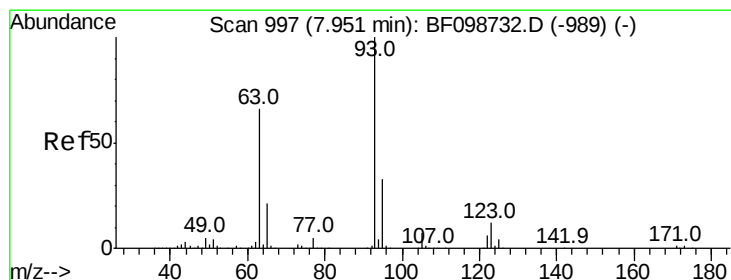
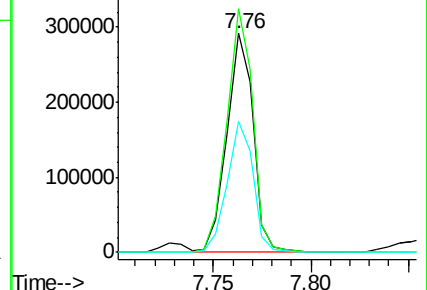
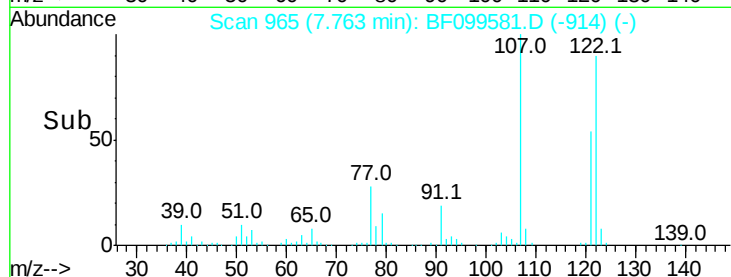
121 60.0 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.265 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

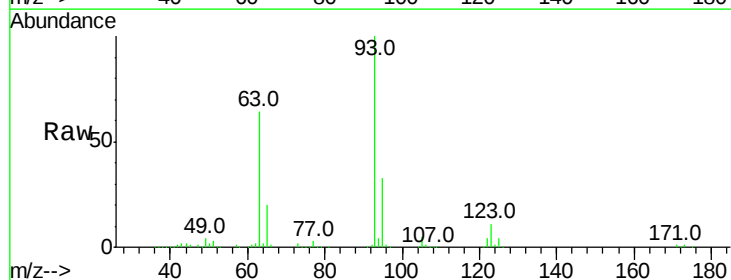
Tgt Ion: 93 Resp: 357563

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

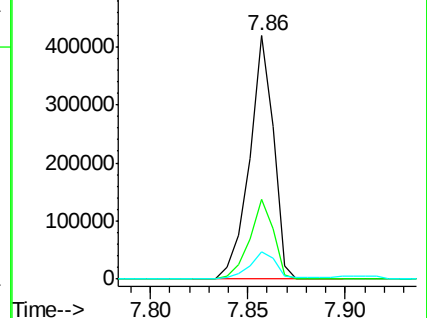
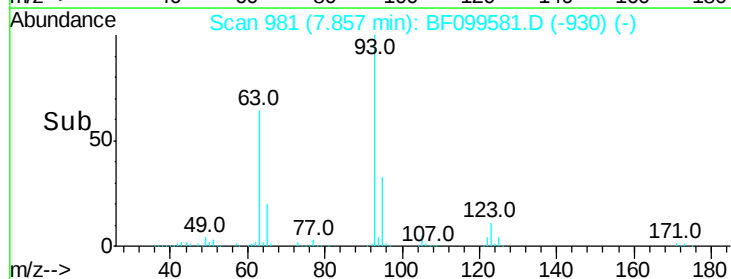
123 11.3 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

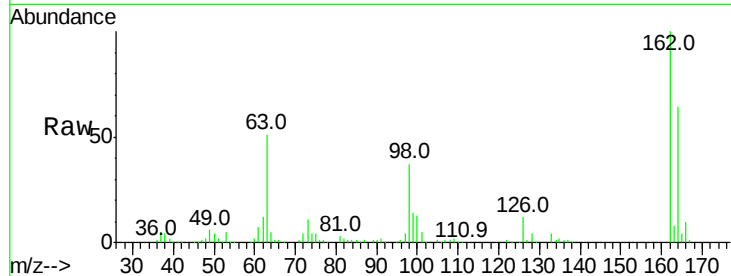




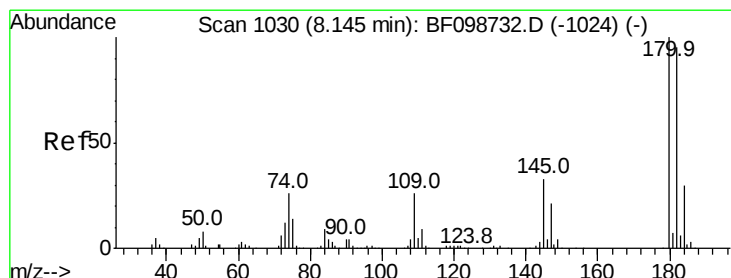
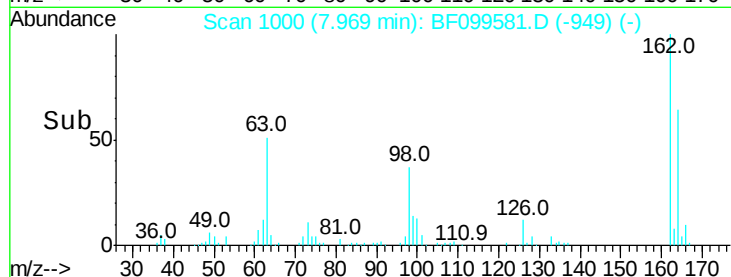
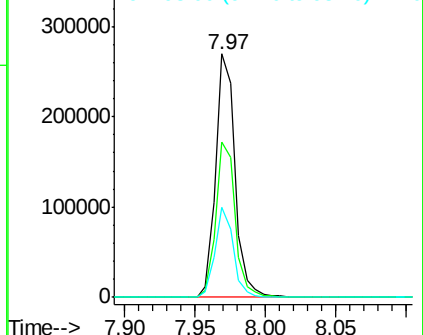
#29
 2,4-Dichlorophenol
 Concen: 43.374 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF099581.D
 Acq: 17 Oct 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 258003
 Ion Ratio Lower Upper
 162 100
 164 64.0 42.7 82.7
 98 37.1 18.1 58.1

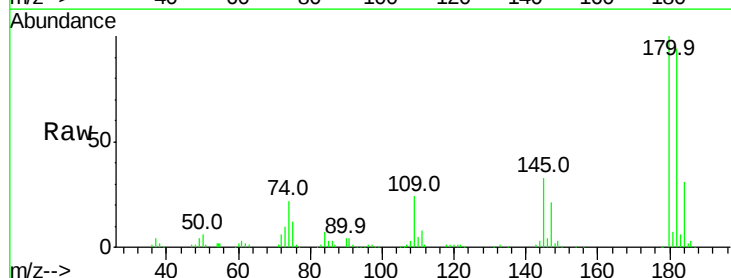


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

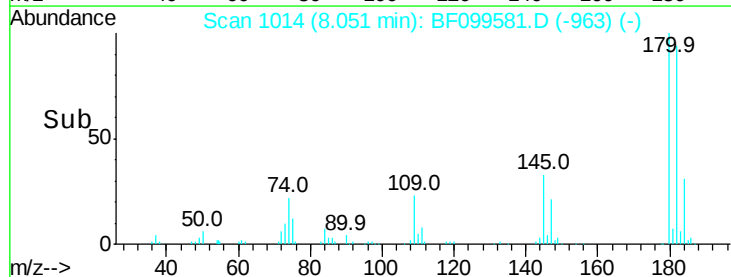
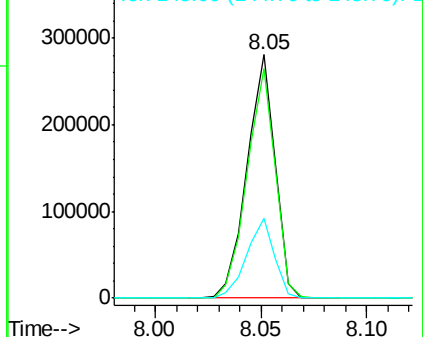


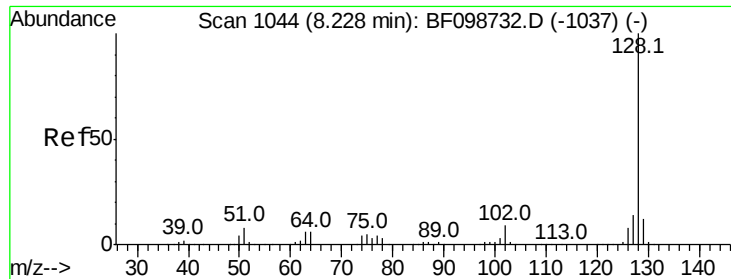
#30
 1,2,4-Trichlorobenzene
 Concen: 43.653 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF099581.D
 Acq: 17 Oct 2017 15:15

Tgt Ion:180 Resp: 259703
 Ion Ratio Lower Upper
 180 100
 182 94.2 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

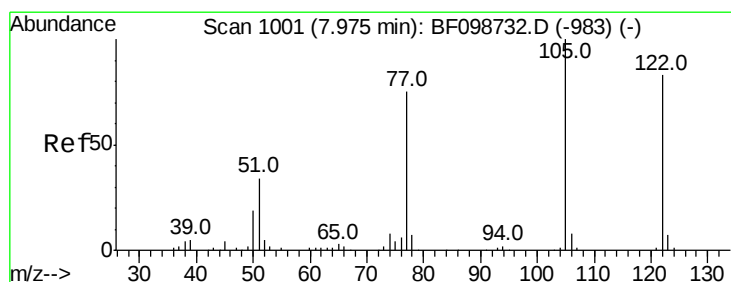
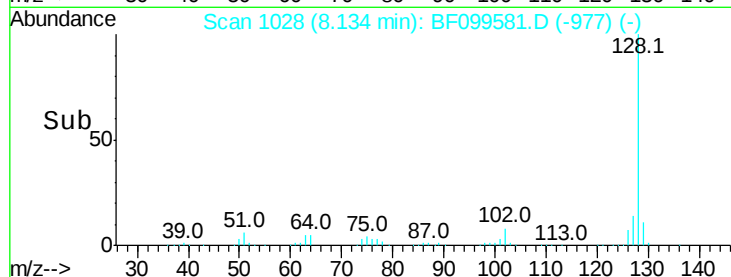
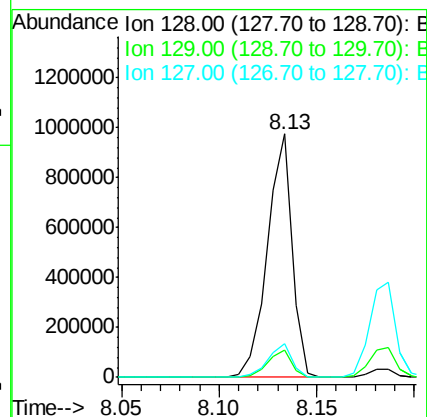
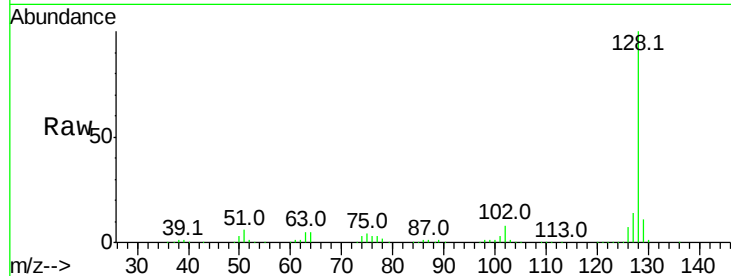




#31
Naphthalene
Concen: 42.296 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

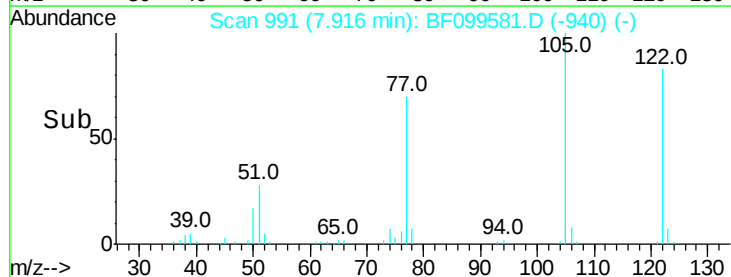
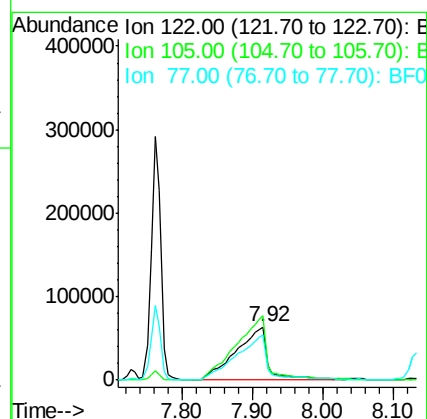
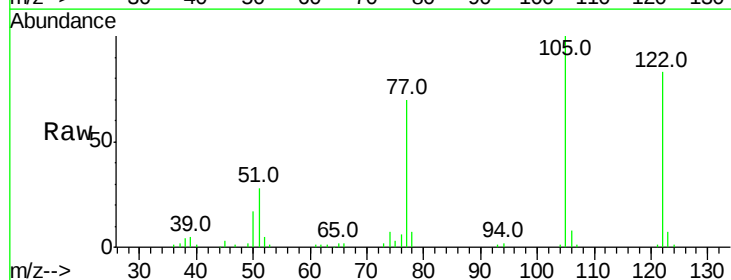
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 856759
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.7 10.9 16.3



#32
Benzoic acid
Concen: 34.343 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Tgt Ion:122 Resp: 195446
Ion Ratio Lower Upper
122 100
105 120.8 101.1 141.1
77 84.4 70.7 110.7

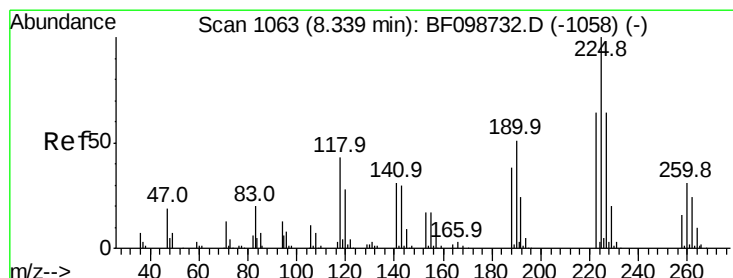
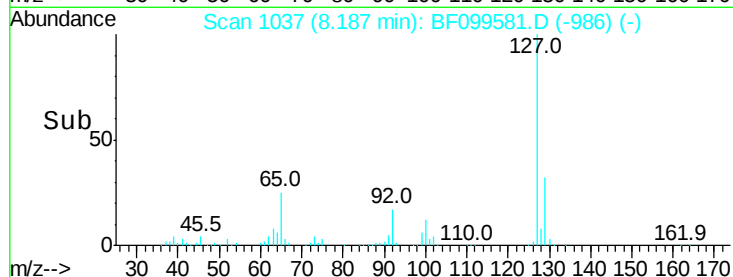
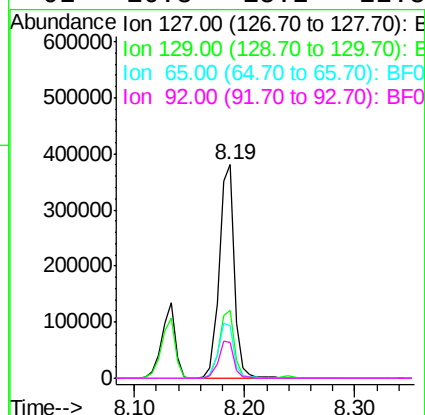
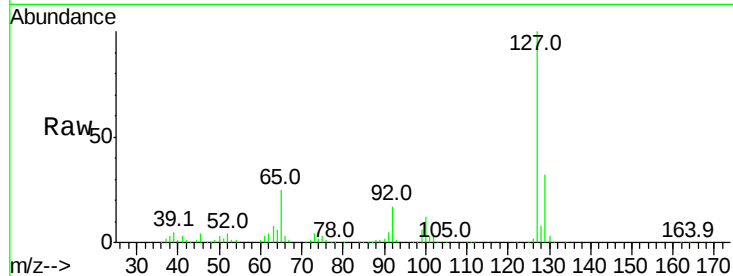




#33
4-Chloroaniline
Concen: 42.647 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

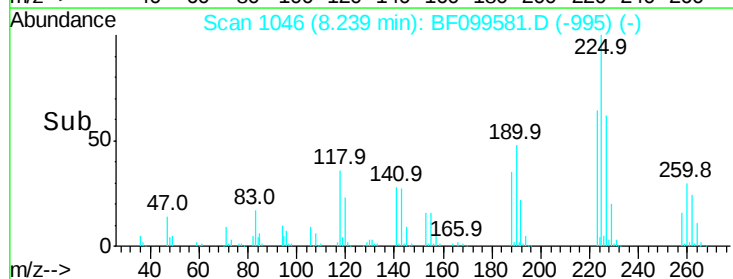
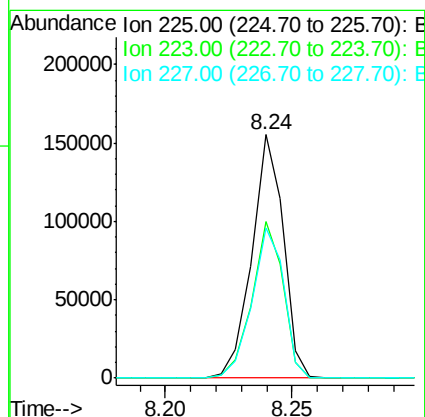
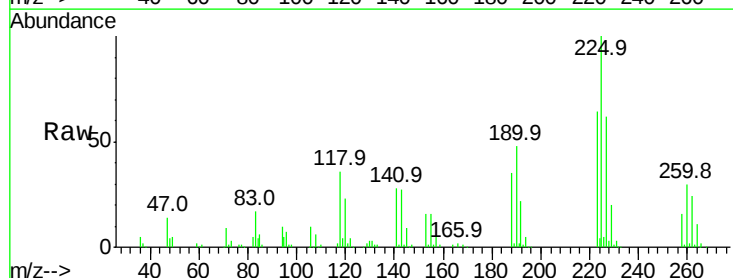
Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	360751
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	24.9	25.0	37.4#
92	16.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 43.793 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Tgt Ion:	225	Resp:	134194
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	76.0
227	61.8	51.9	77.9





#35

Caprolactam

Concen: 32.579 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

Instrument :

BNA_F

ClientSampleId :

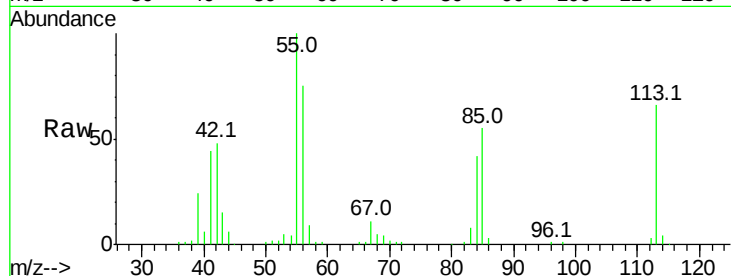
Tot Ion:113 Resp: 62162

Ion Ratio Lower Upper

113 100

55 151.9 163.3 203.3#

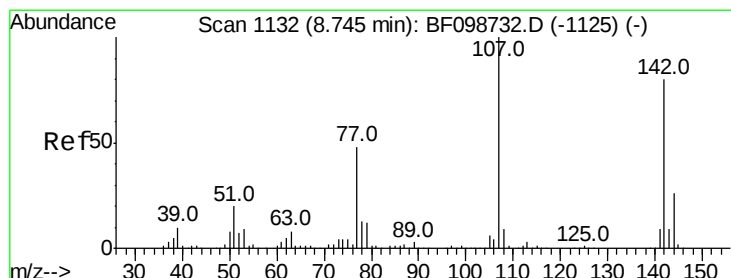
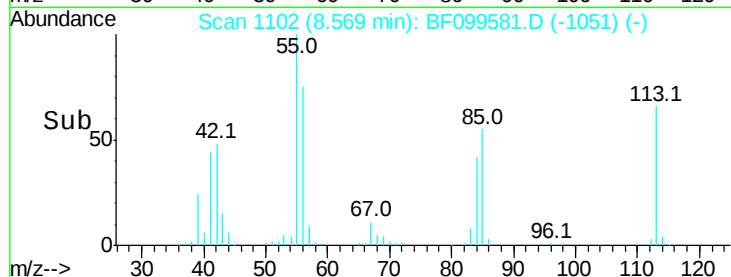
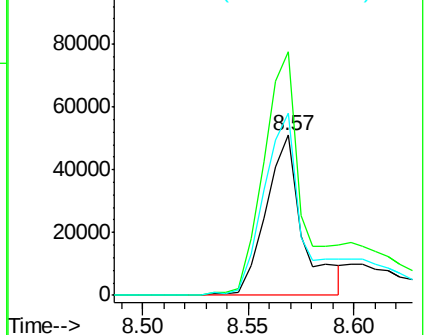
56 113.3 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.409 ng

RT: 8.67 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

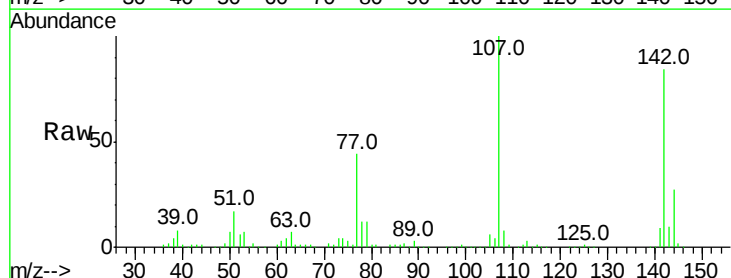
Tgt Ion:107 Resp: 276852

Ion Ratio Lower Upper

107 100

144 26.6 20.5 30.7

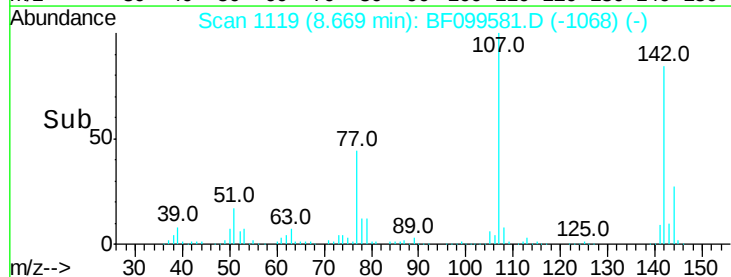
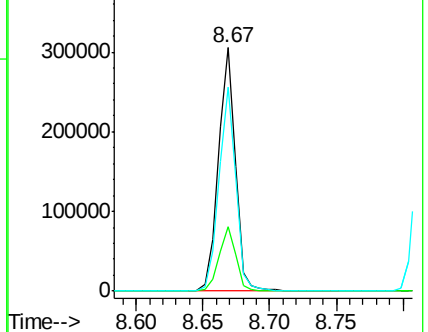
142 83.5 62.0 93.0

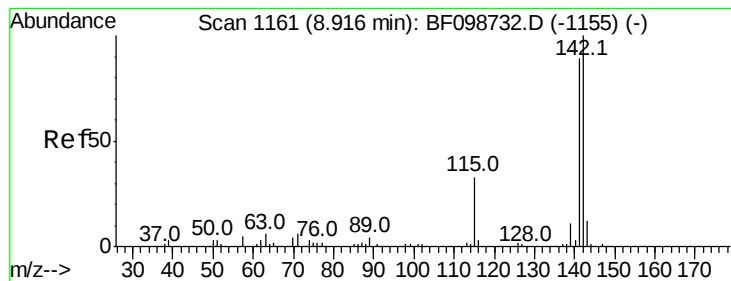


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

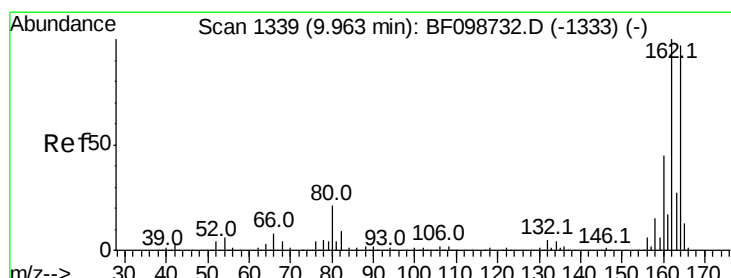
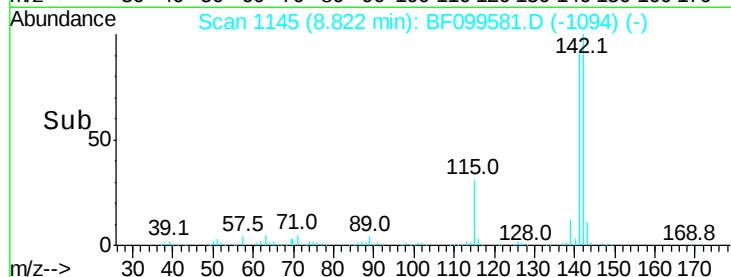
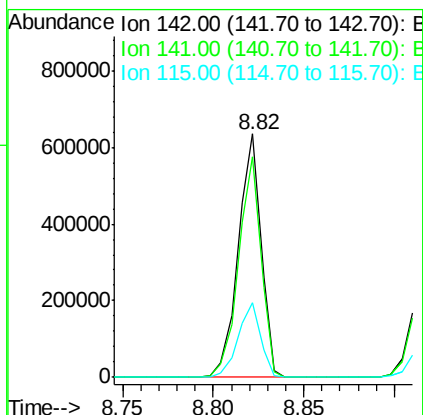
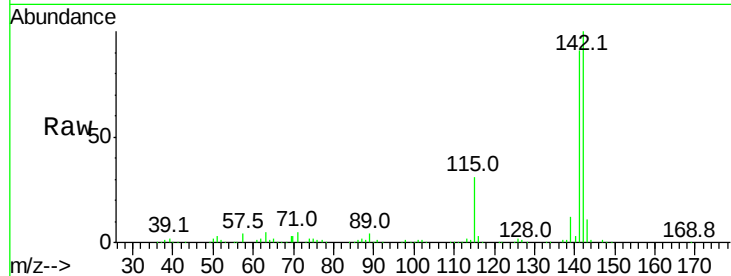




#37
2-Methylnaphthalene
Concen: 42.201 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

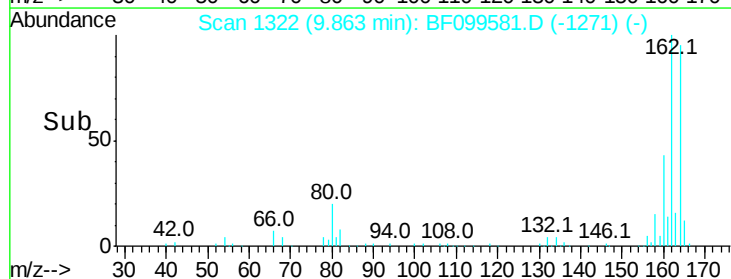
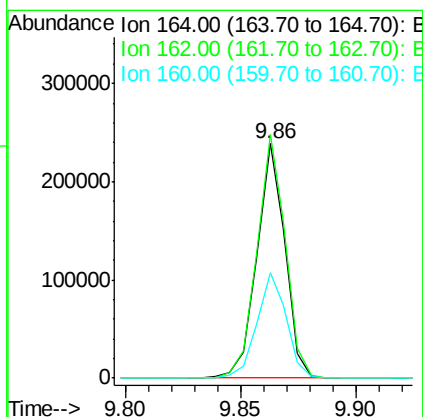
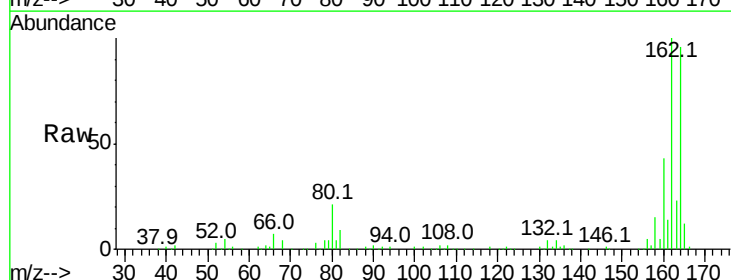
Instrument :
BNA_F
ClientSampleId :

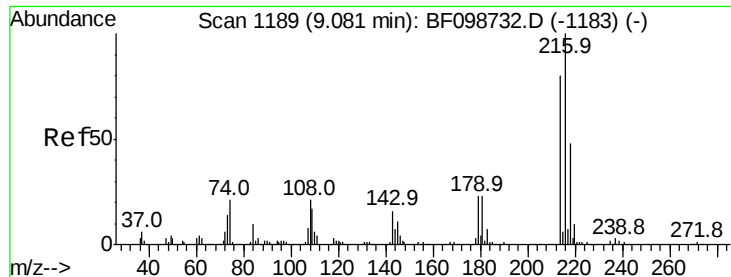
Tot Ion:142 Resp: 555708
Ion Ratio Lower Upper
142 100
141 90.6 70.8 106.2
115 30.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Tgt Ion:164 Resp: 202279
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 45.1 38.3 57.5

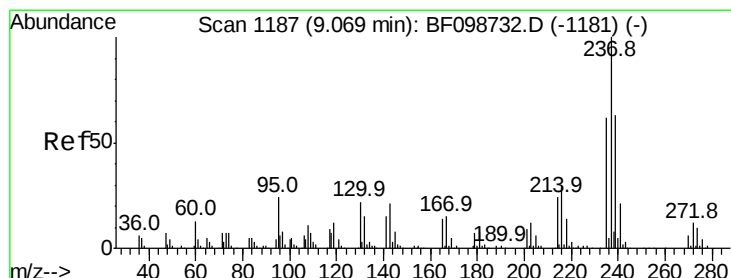
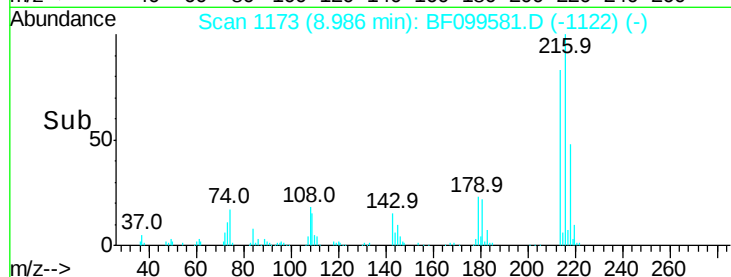
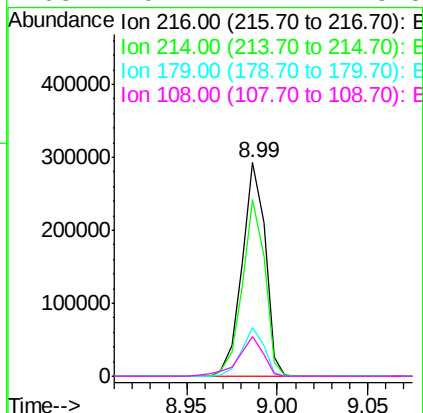
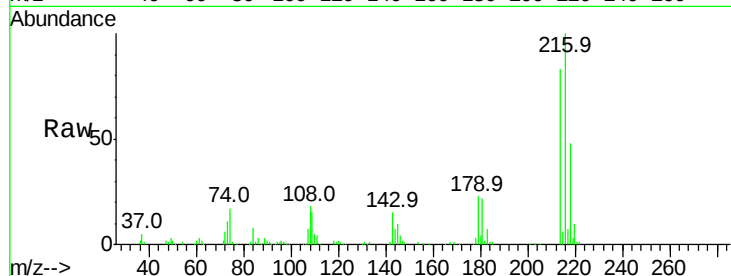




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.162 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF099581.D
 Acq: 17 Oct 2017 15:15

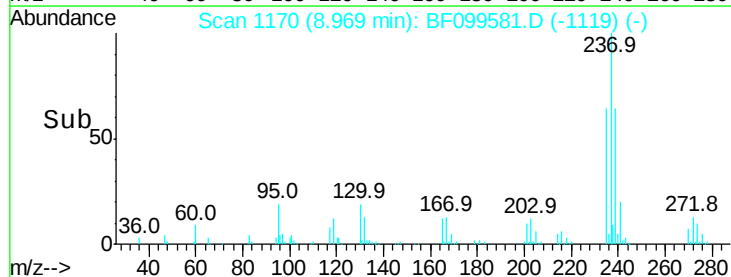
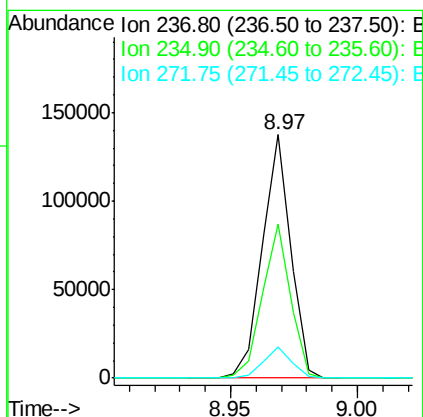
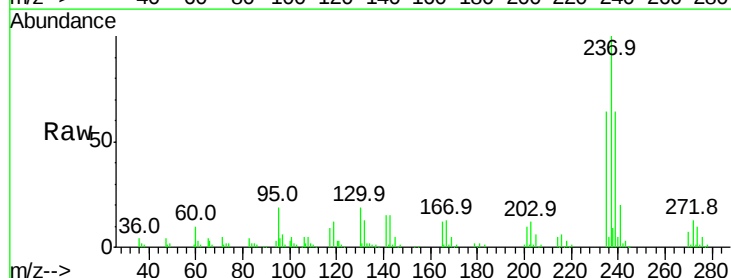
Instrument :
 BNA_F
 ClientSampleId :

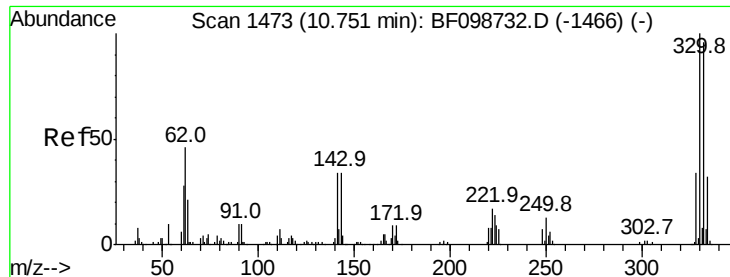
Tot Ion:	216	Resp:	260373
Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.0	94.4
179	22.3	18.1	27.1
108	19.4	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 38.740 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF099581.D
 Acq: 17 Oct 2017 15:15

Tgt Ion:	237	Resp:	106801
Ion	Ratio	Lower	Upper
237	100		
235	63.5	44.8	84.8
272	13.0	0.0	33.3

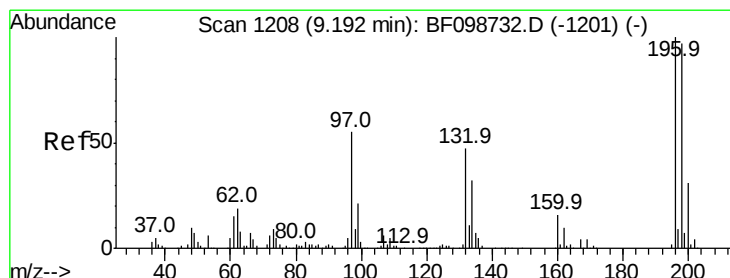
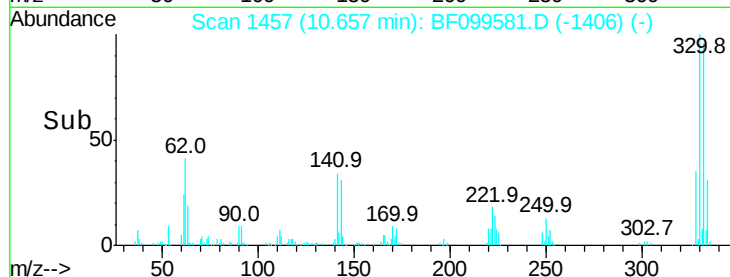
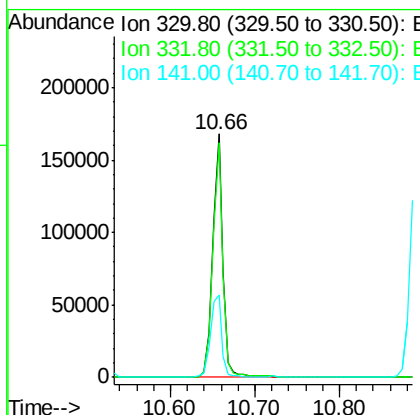
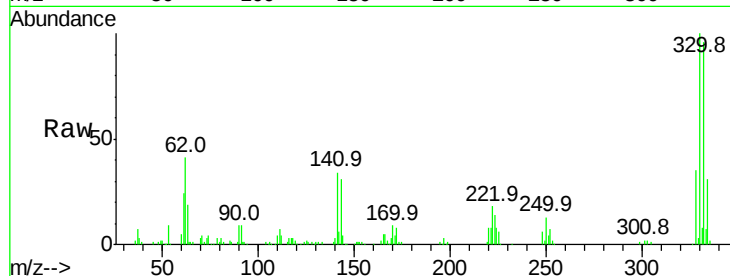




#41
 2,4,6-Tribromophenol
 Concen: 88.443 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099581.D
 Acq: 17 Oct 2017 15:15

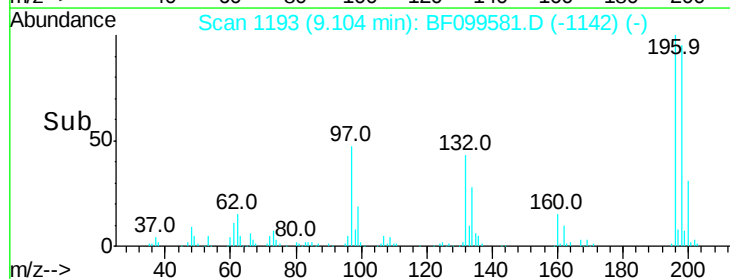
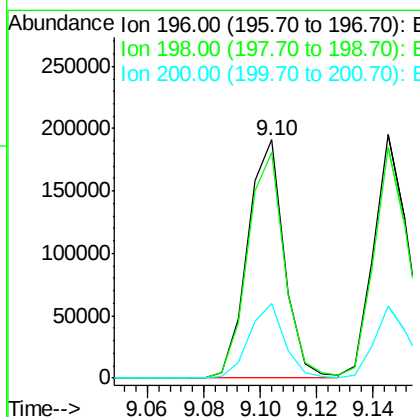
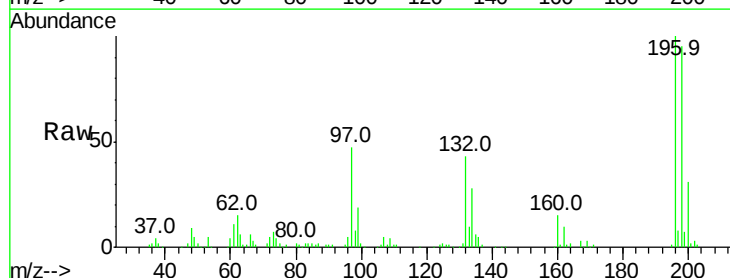
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 146390
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 37.6 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.259 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF099581.D
 Acq: 17 Oct 2017 15:15

Tgt Ion:196 Resp: 172054
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.7 113.5
 200 31.1 24.5 36.7

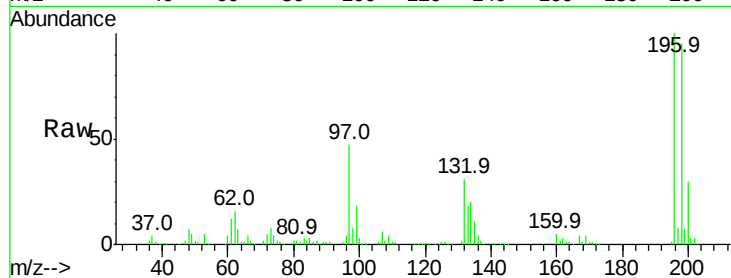




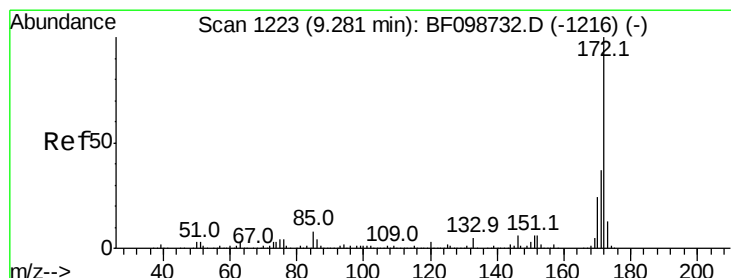
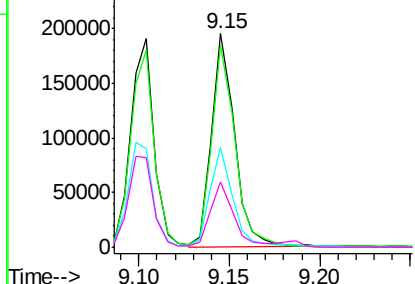
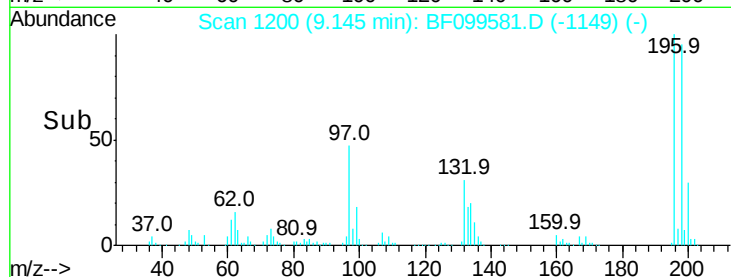
#43
 2,4,5-Trichlorophenol
 Concen: 40.451 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF099581.D
 Acq: 17 Oct 2017 15:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 172571
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.6 112.0
 97 46.8 42.9 64.3
 132 30.8 26.3 39.5

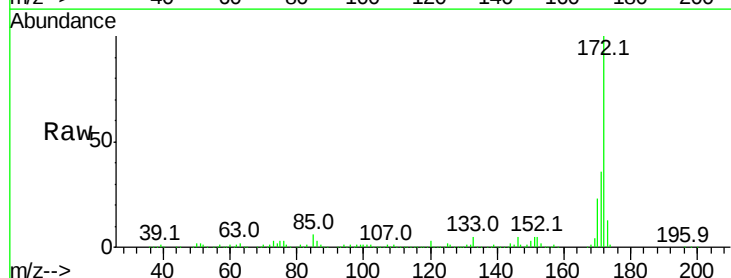


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

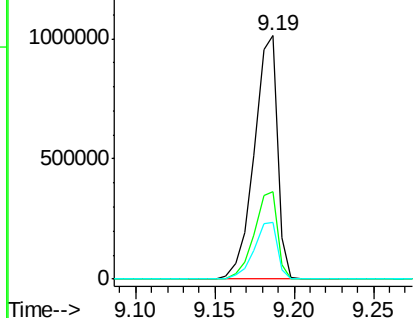
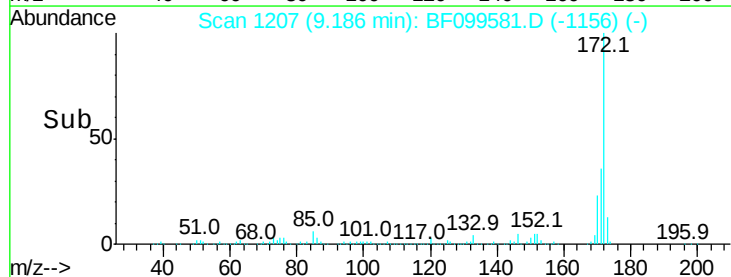


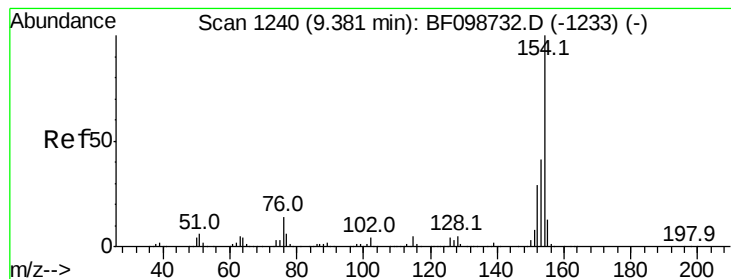
#44
 2-Fluorobiphenyl
 Concen: 85.405 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF099581.D
 Acq: 17 Oct 2017 15:15

Tgt Ion:172 Resp: 1034830
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.4 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: 41.732 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

Instrument :

BNA_F

ClientSampleId :

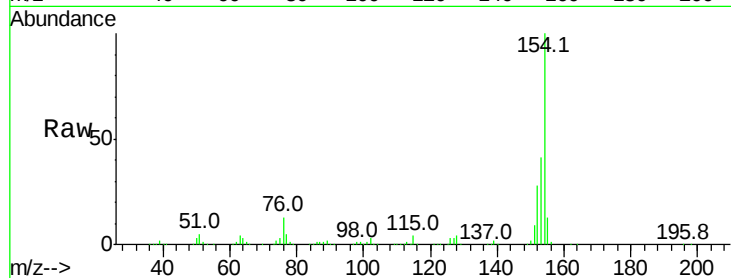
Tot Ion:154 Resp: 725497

Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

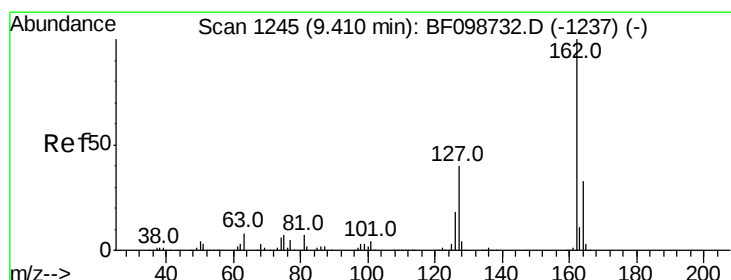
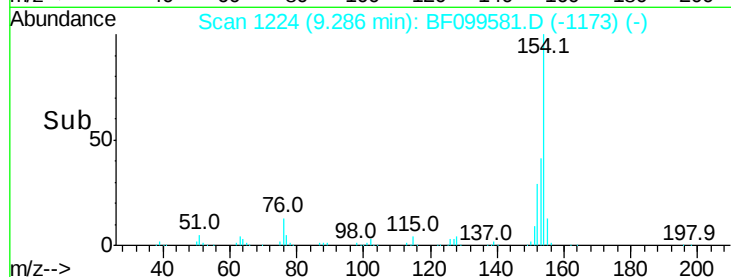
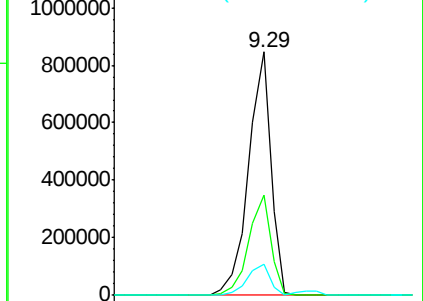
76 12.8 0.0 34.0



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: 42.477 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

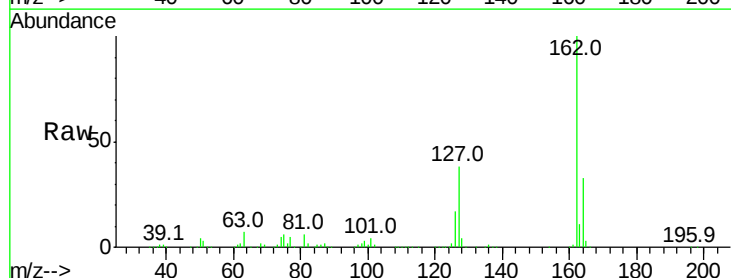
Tgt Ion:162 Resp: 554442

Ion Ratio Lower Upper

162 100

127 37.9 33.9 50.9

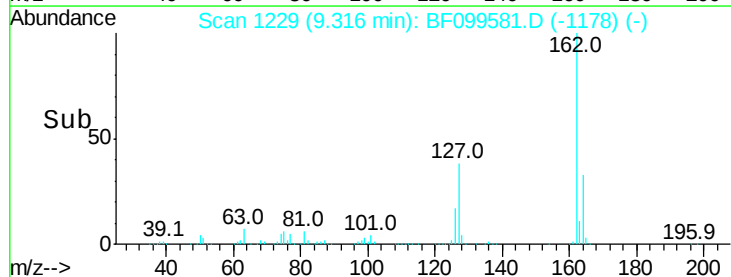
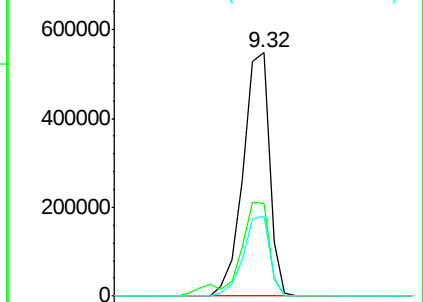
164 33.0 26.5 39.7

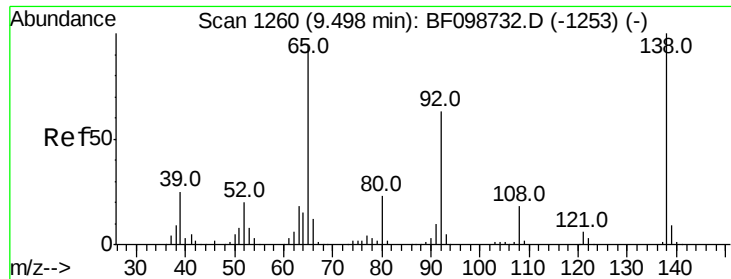


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

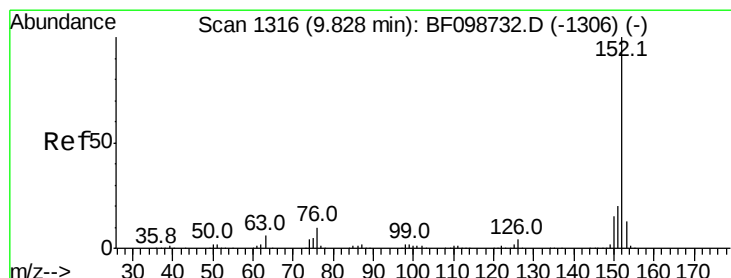
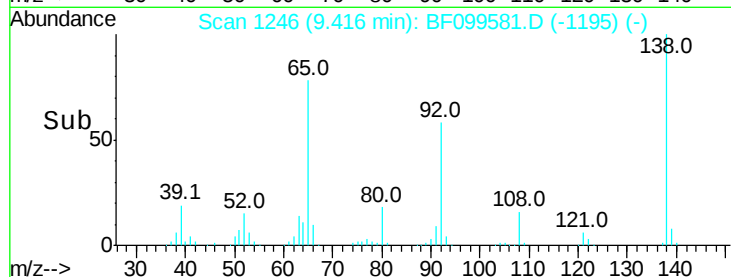
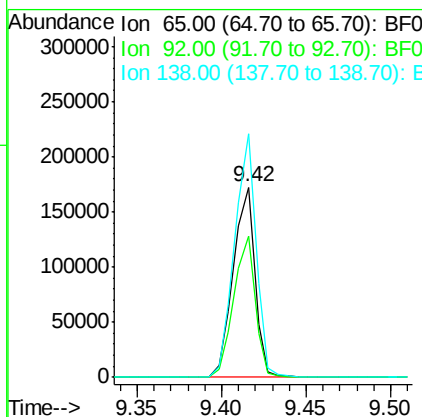
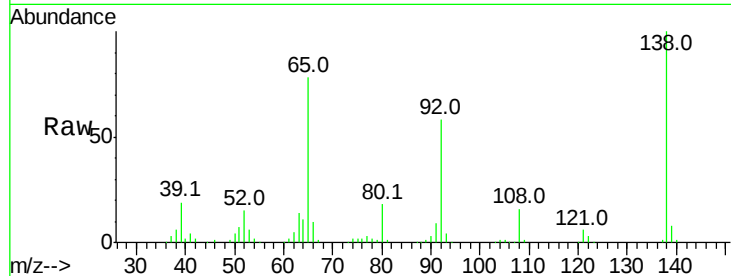




#47
2-Nitroaniline
Concen: 38.858 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

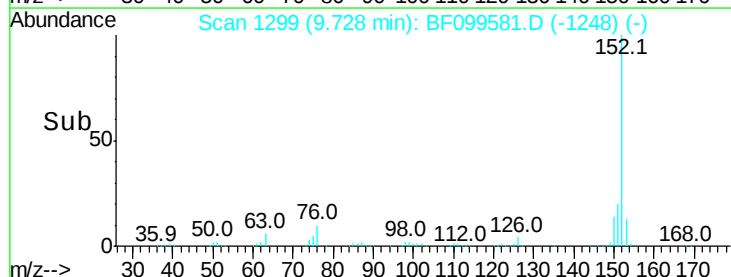
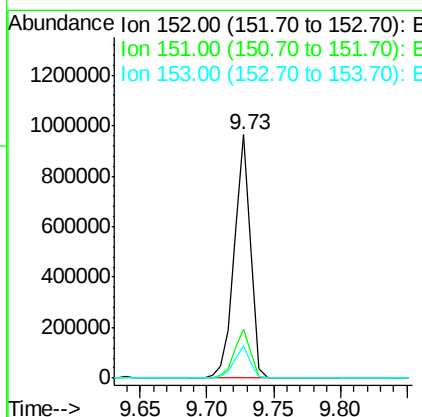
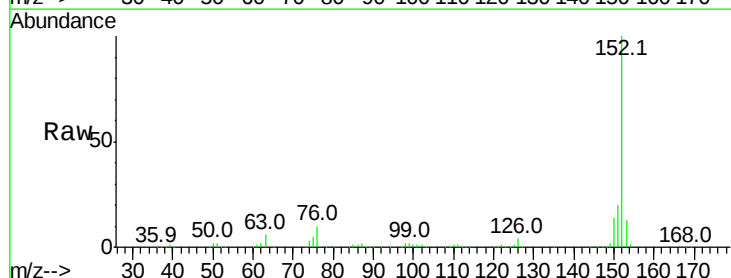
Instrument :
BNA_F
ClientSampleId :

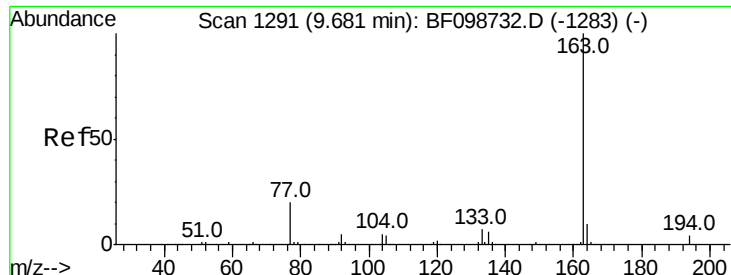
Tot Ion: 65 Resp: 155305
Ion Ratio Lower Upper
65 100
92 74.2 55.8 83.6
138 127.9 91.2 136.8



#48
Acenaphthylene
Concen: 41.482 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Tgt Ion:152 Resp: 828886
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.2 10.7 16.1

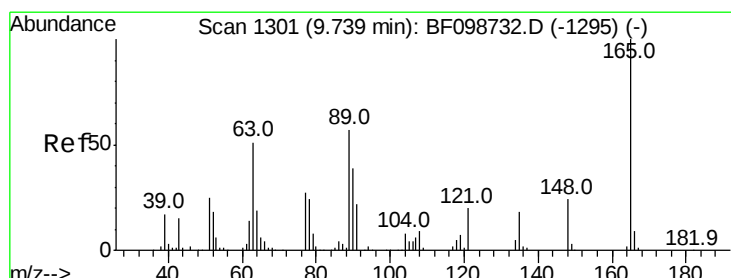
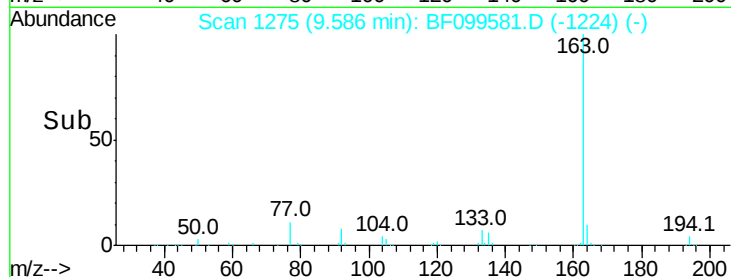
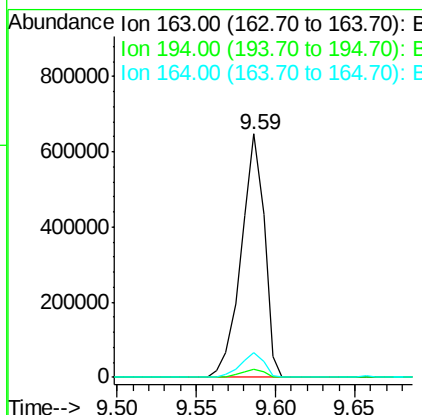
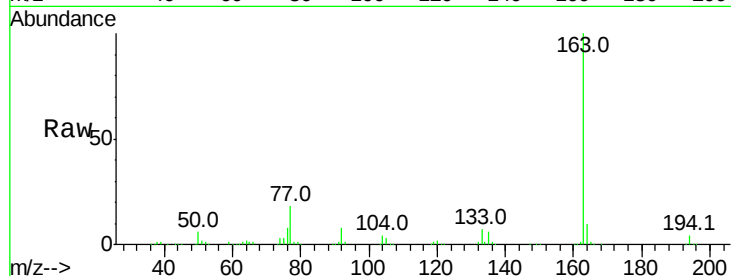




#49
Dimethylphthalate
Concen: 42.787 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

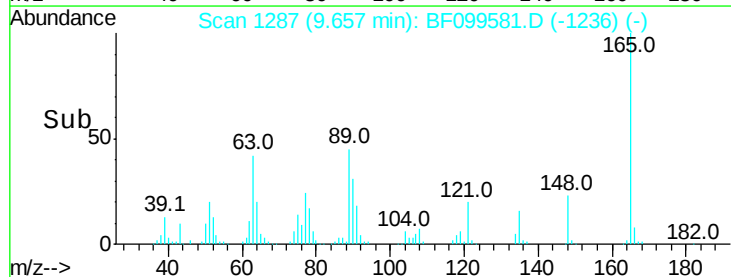
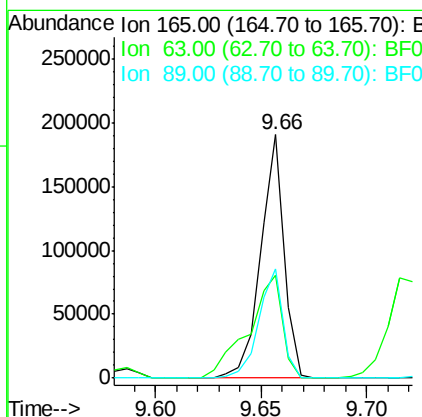
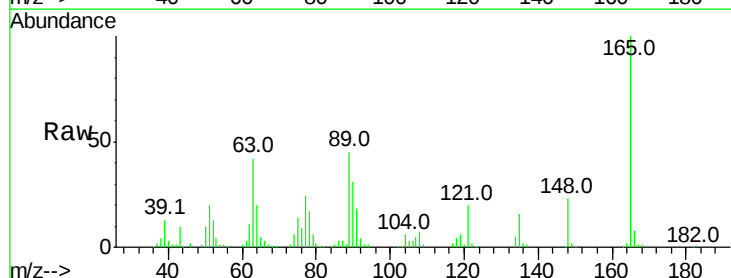
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 653223
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.0 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 44.331 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Tgt Ion:165 Resp: 147344
Ion Ratio Lower Upper
165 100
63 42.3 44.7 67.1#
89 44.7 44.0 66.0





#51

Acenaphthene

Concen: 39.021 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

Instrument :

BNA_F

ClientSampleId :

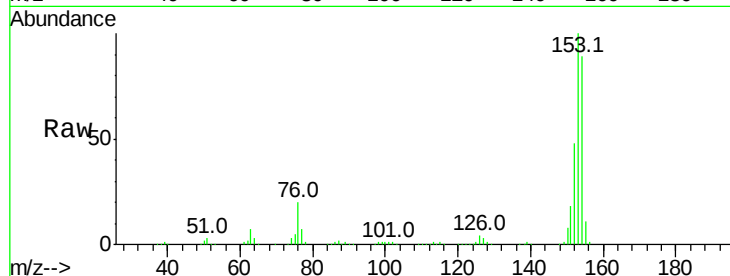
Tot Ion:154 Resp: 493907

Ion Ratio Lower Upper

154 100

153 112.2 91.2 136.8

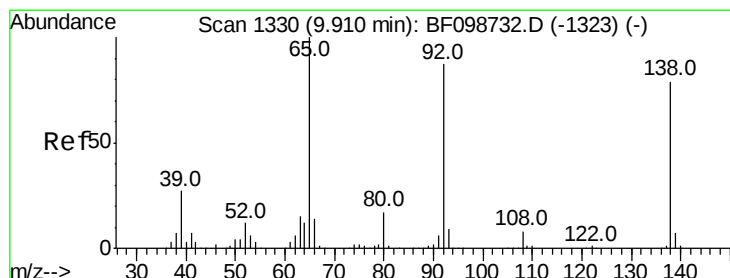
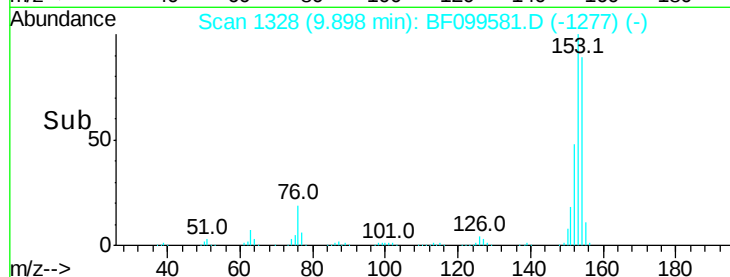
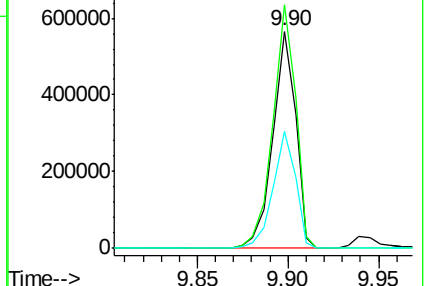
152 53.8 43.8 65.8



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: 43.246 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

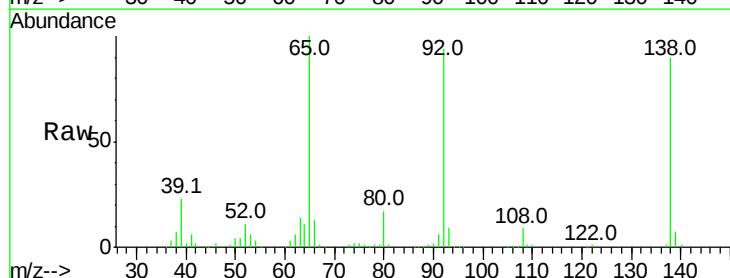
Tgt Ion:138 Resp: 167596

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

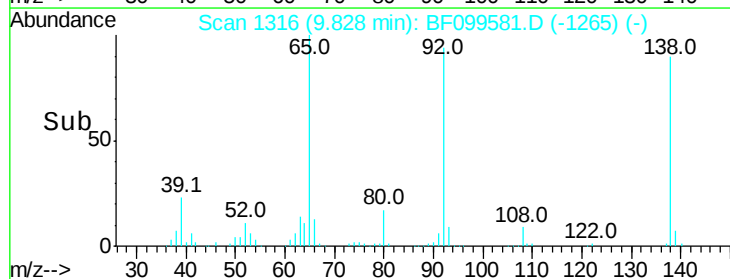
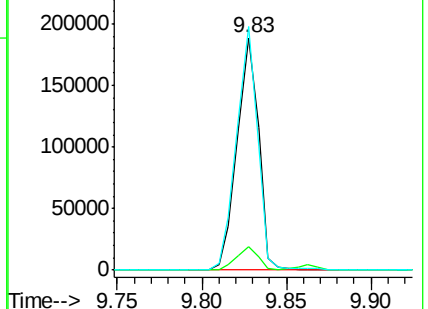
92 104.6 89.4 134.2



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

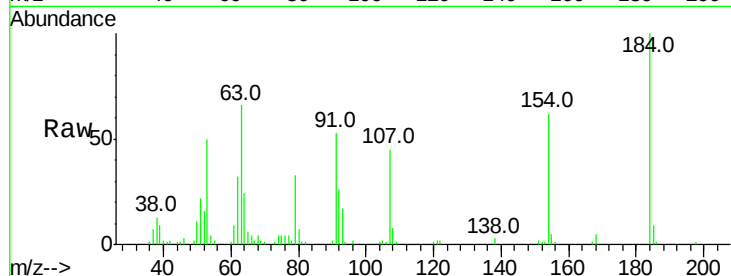




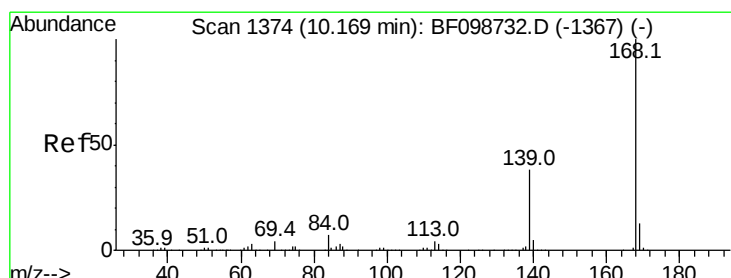
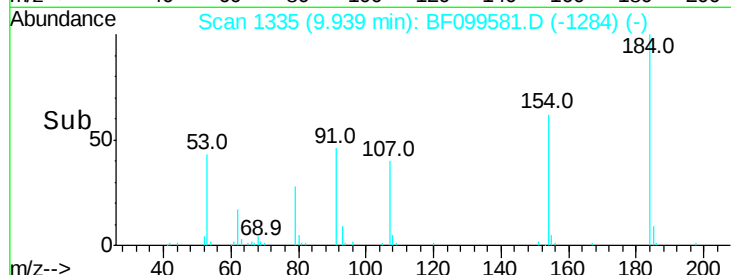
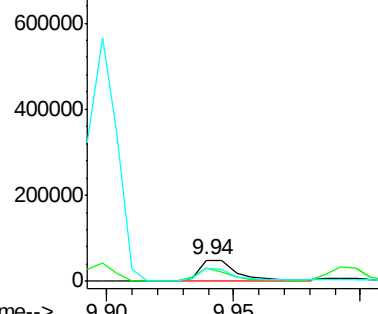
#53
2,4-Dinitrophenol
Concen: 35.018 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 54481
Ion Ratio Lower Upper
184 100
63 65.6 54.2 81.2
154 62.5 53.5 80.3

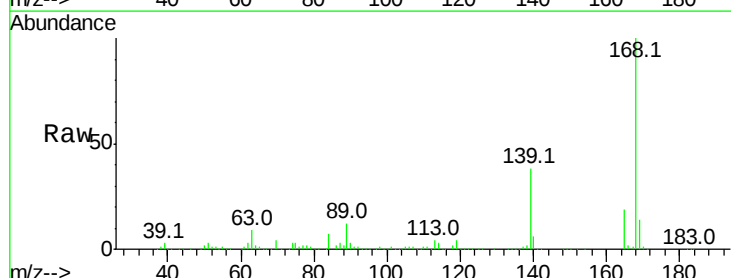


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

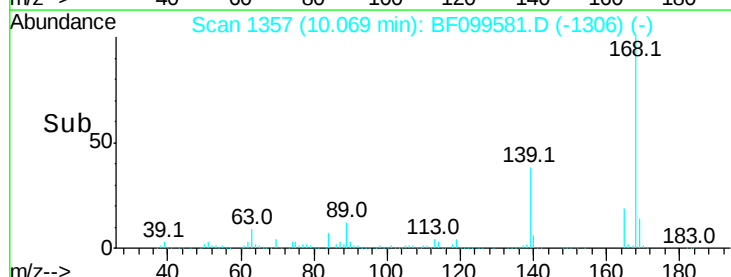
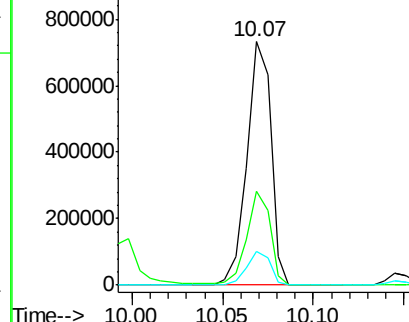


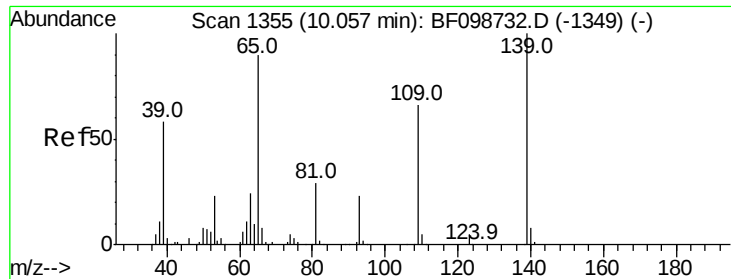
#54
Dibenzofuran
Concen: 40.135 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Tgt Ion:168 Resp: 676390
Ion Ratio Lower Upper
168 100
139 38.4 30.1 45.1
169 13.8 10.9 16.3



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

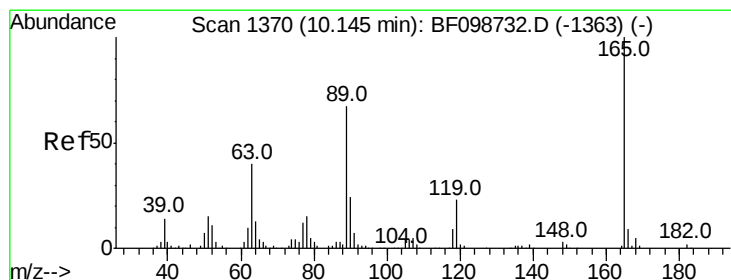
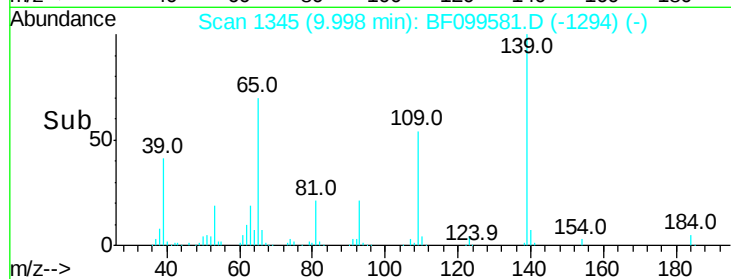
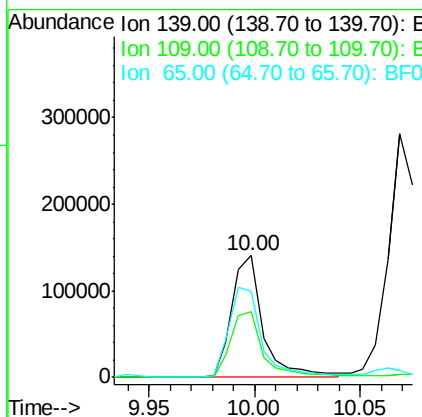
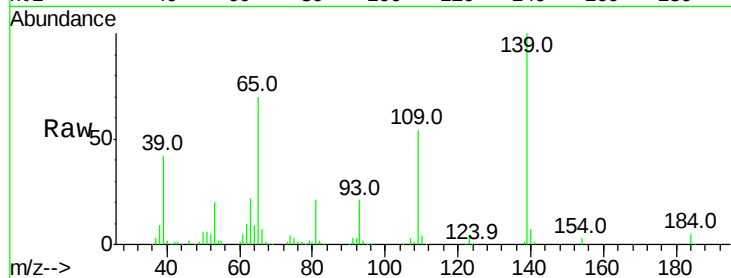




#55
4-Nitrophenol
Concen: 44.027 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

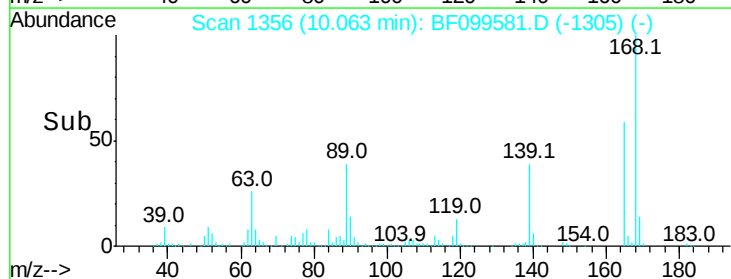
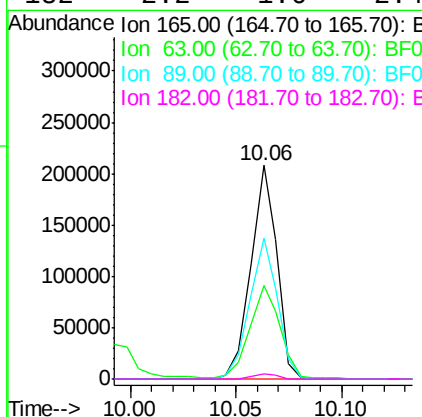
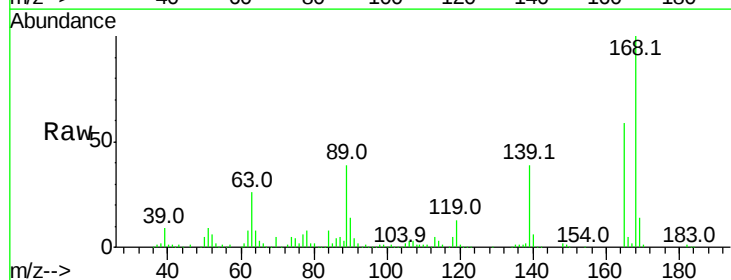
Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 144276
Ion Ratio Lower Upper
139 100
109 54.1 48.4 88.4
65 70.4 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 41.399 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Tgt Ion:165 Resp: 178578
Ion Ratio Lower Upper
165 100
63 43.9 36.4 54.6
89 66.1 57.8 86.6
182 2.2 1.6 2.4

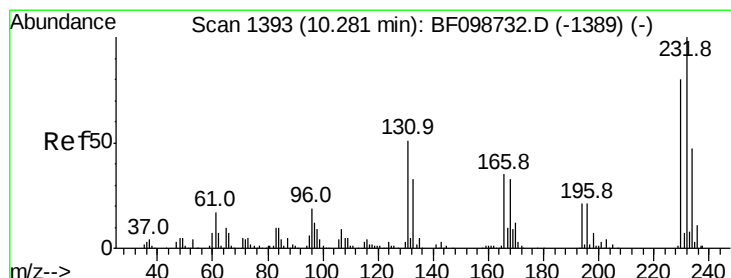
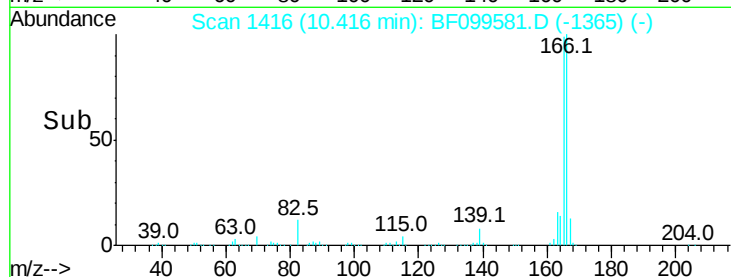
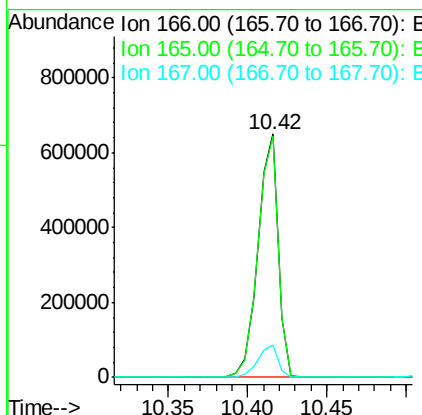
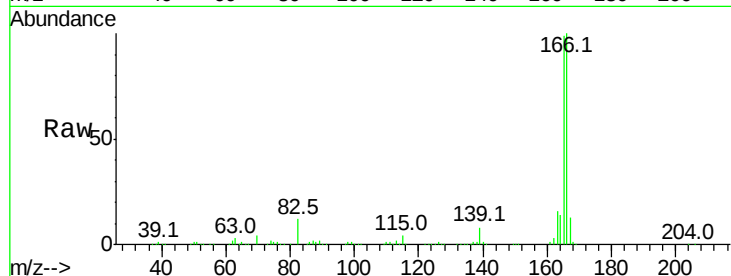




#57
 Fluorene
 Concen: 42.537 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF099581.D
 Acq: 17 Oct 2017 15:15

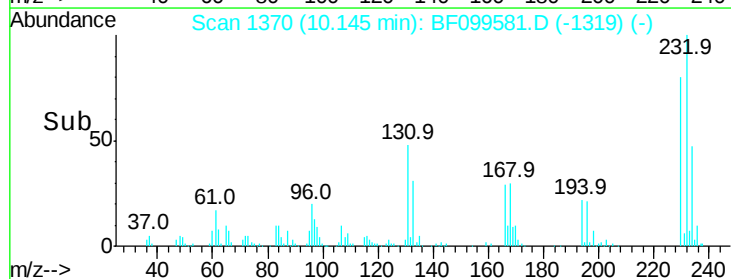
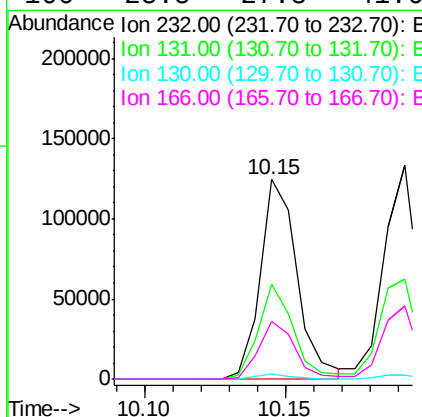
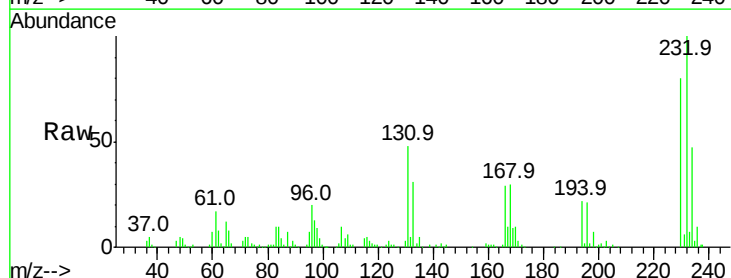
Instrument :
 BNA_F
 ClientSampleId :

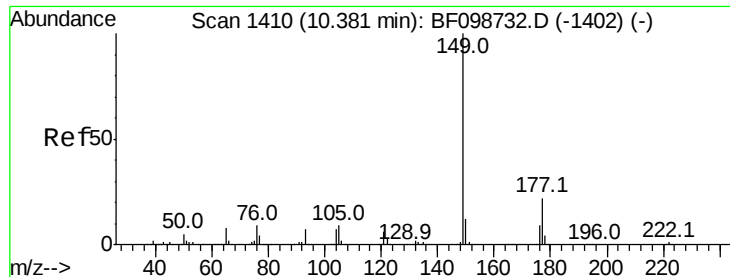
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.8	119.8
167	13.2	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.223 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: BF099581.D
 Acq: 17 Oct 2017 15:15

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.2	43.8	65.8
130	2.3	2.1	3.1
166	28.5	27.8	41.6

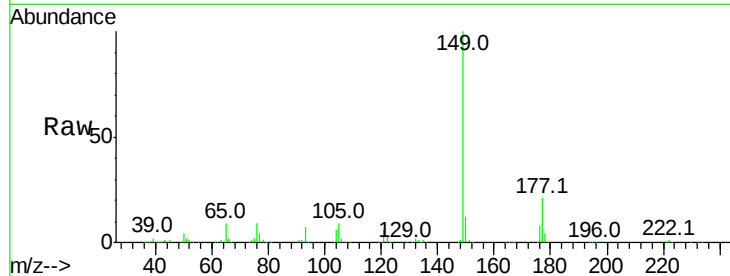




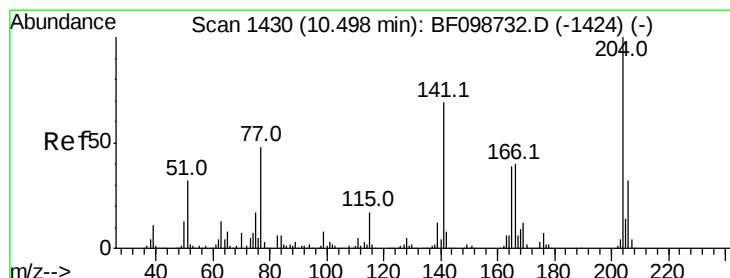
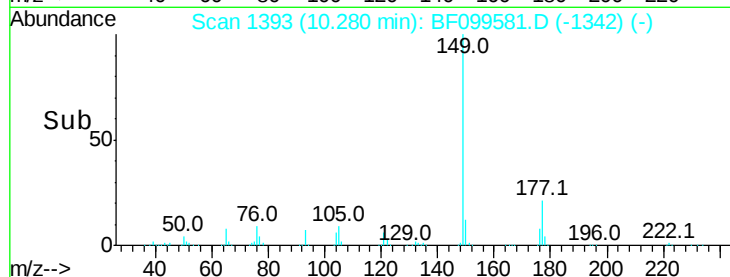
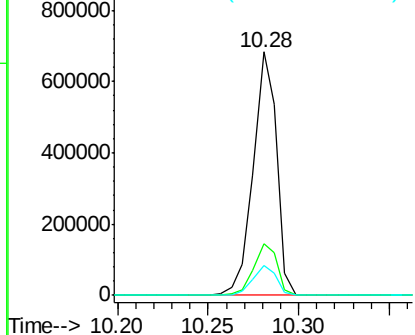
#59
Diethylphthalate
Concen: 41.137 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 613681
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.4 10.1 15.1

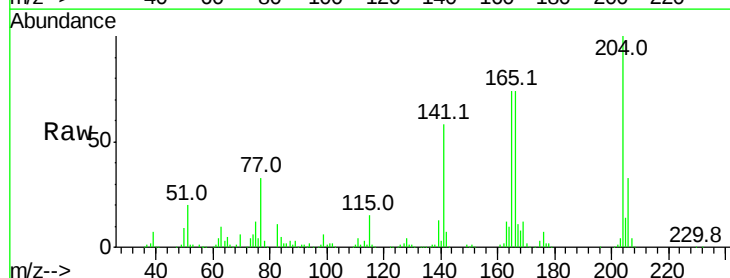


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

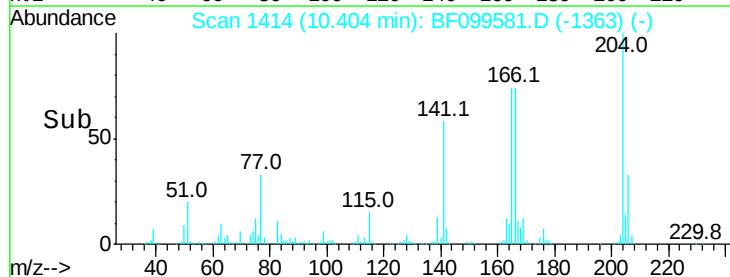
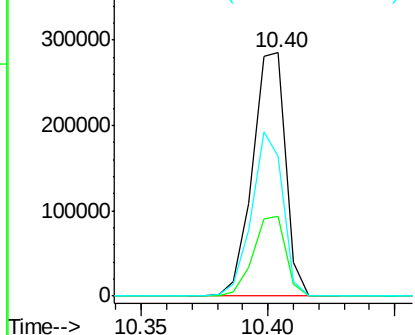


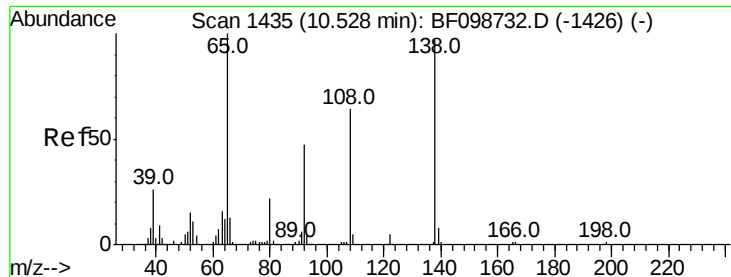
#60
4-Chlorophenyl-phenylether
Concen: 42.604 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Tgt Ion:204 Resp: 259230
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 57.6 54.6 81.8



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

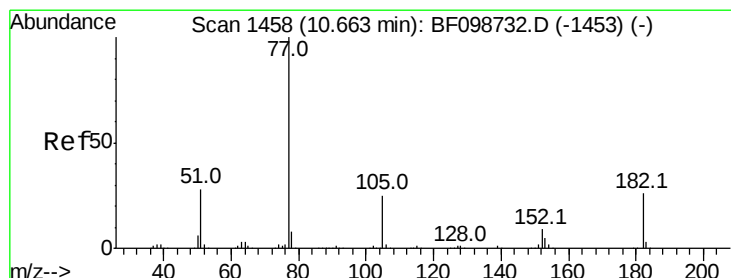
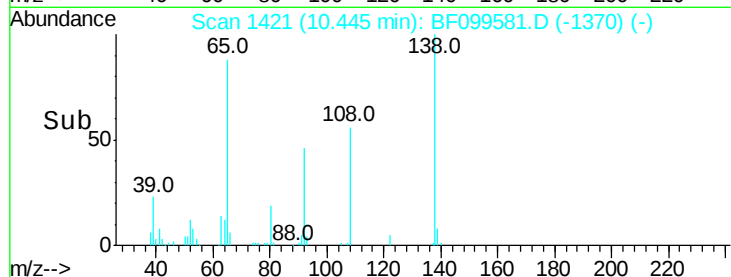
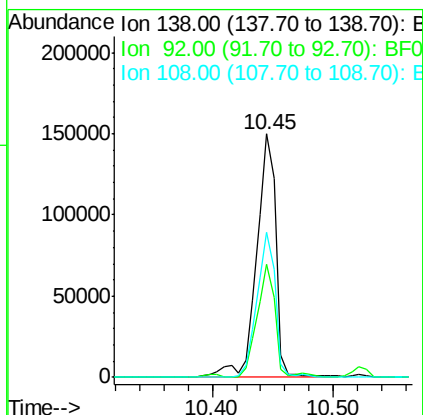
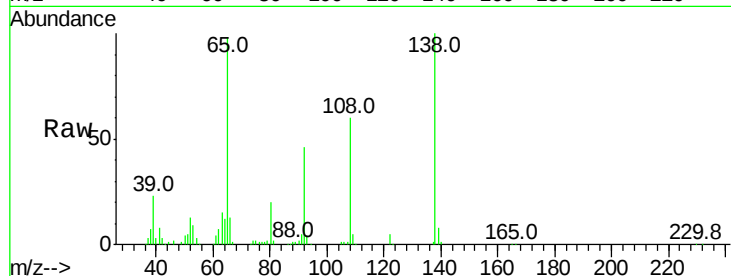




#61
4-Nitroaniline
Concen: 44.882 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

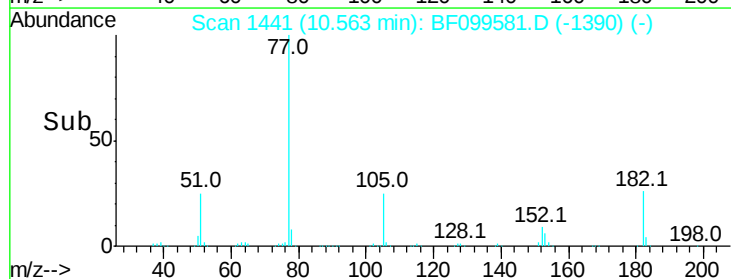
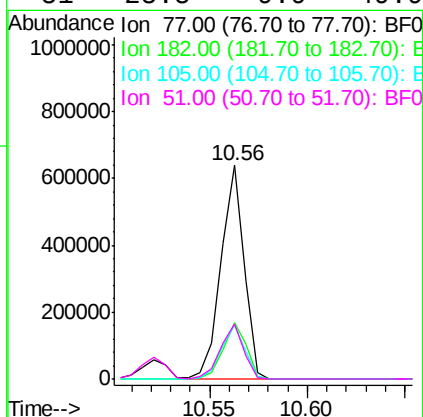
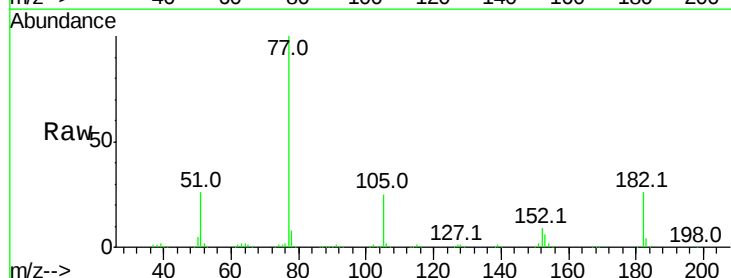
Instrument :
BNA_F
ClientSampleId :

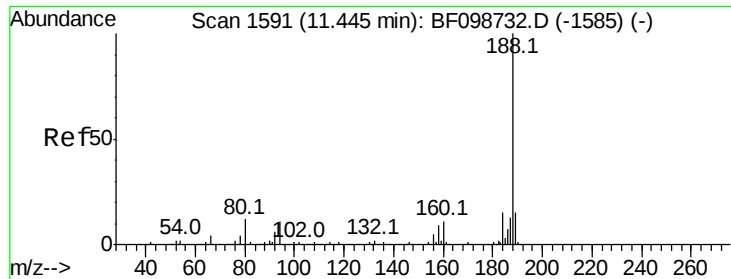
Tot Ion:138 Resp: 167809
Ion Ratio Lower Upper
138 100
92 46.3 30.2 70.2
108 59.6 52.5 92.5



#62
Azobenzene
Concen: 38.278 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Tgt Ion: 77 Resp: 525048
Ion Ratio Lower Upper
77 100
182 26.2 1.7 41.7
105 25.4 3.0 43.0
51 25.5 9.9 49.9

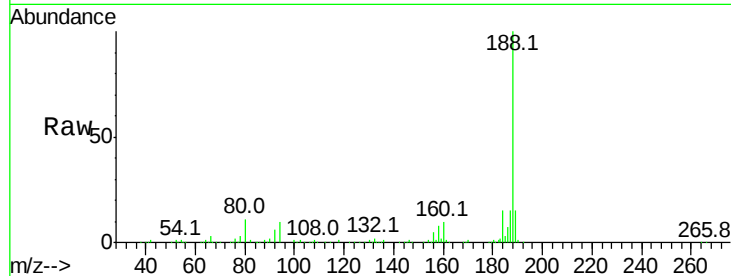




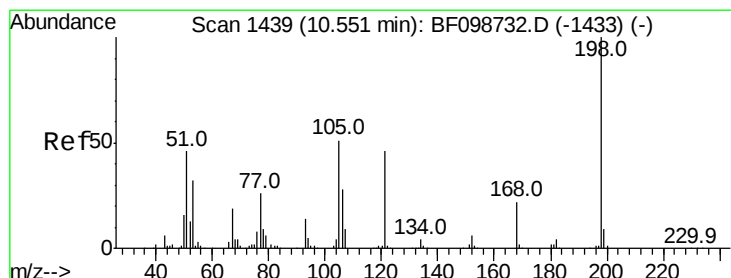
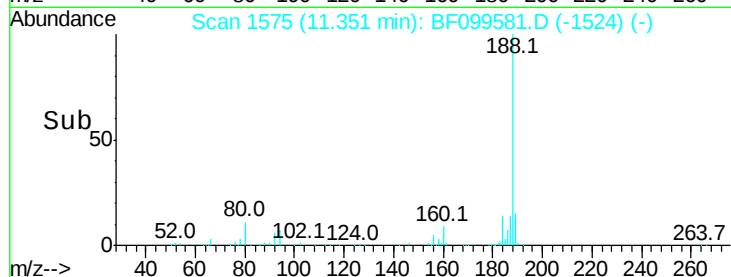
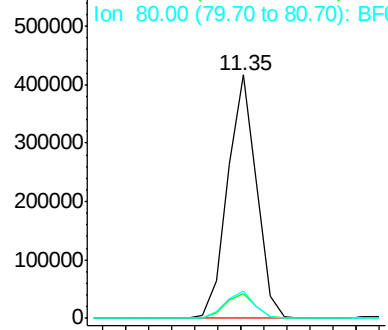
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 362600
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.3 9.2 13.8

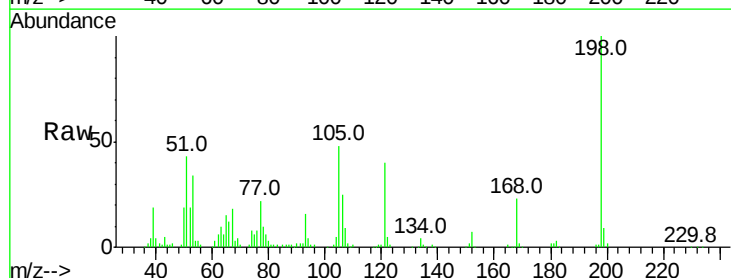


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

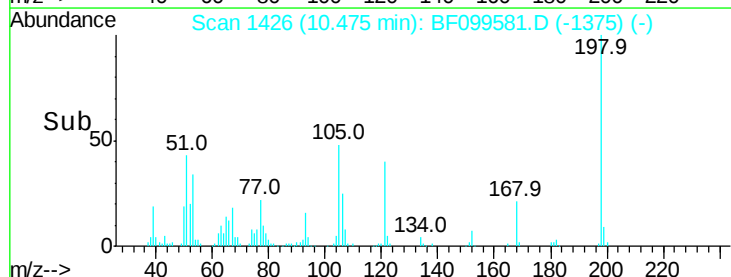
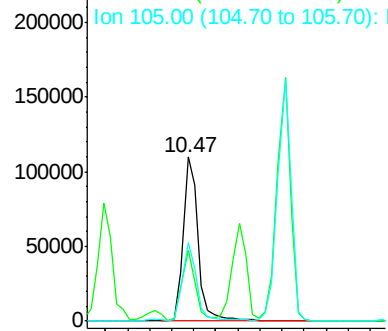


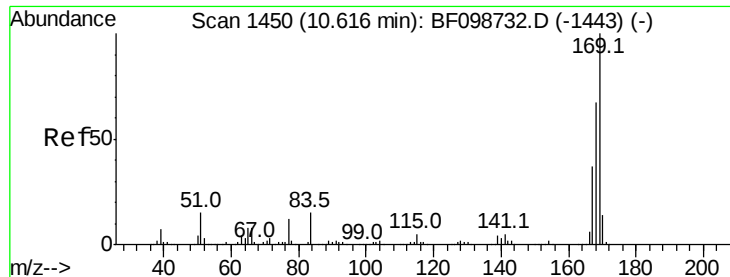
#64
4,6-Dinitro-2-methylphenol
Concen: 45.177 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Tgt Ion:198 Resp: 99667
Ion Ratio Lower Upper
198 100
51 42.9 37.7 77.7
105 48.2 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: 41.462 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

Instrument :

BNA_F

ClientSampleId :

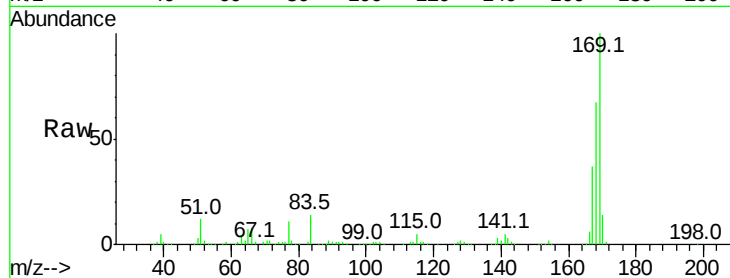
Tot Ion:169 Resp: 520824

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

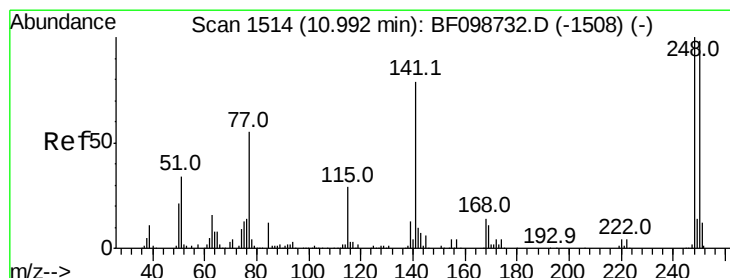
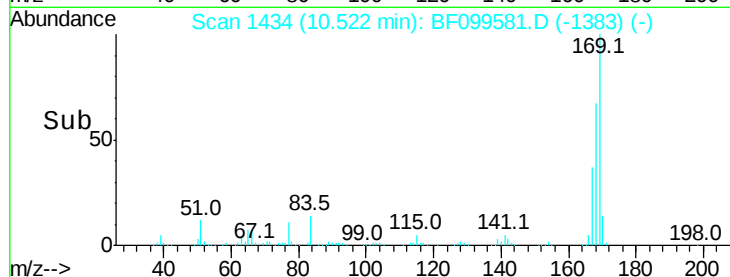
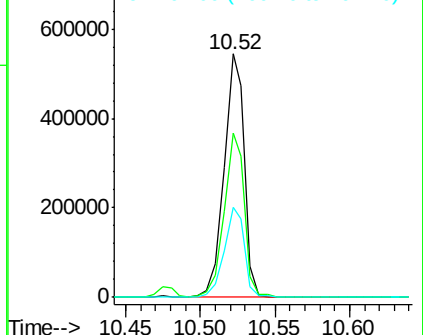
167 36.9 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.882 ng

RT: 10.89 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

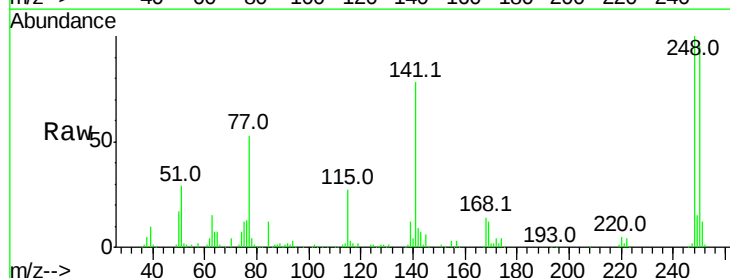
Tgt Ion:248 Resp: 152199

Ion Ratio Lower Upper

248 100

250 95.0 76.9 115.3

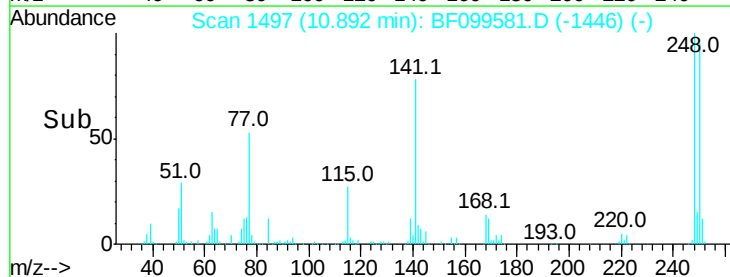
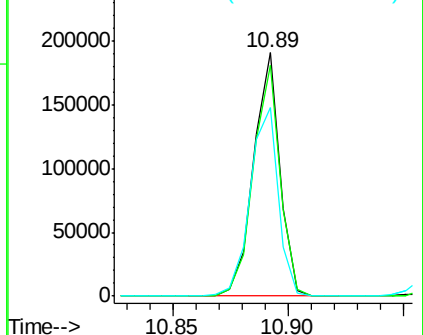
141 77.7 74.4 111.6

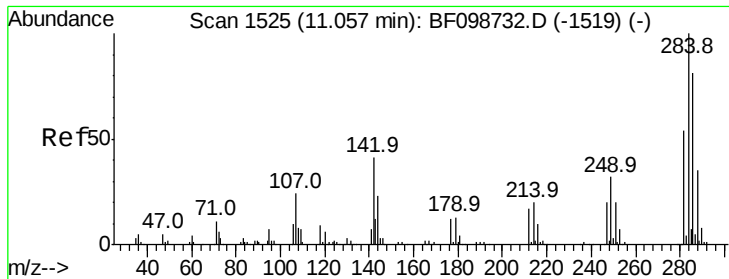


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

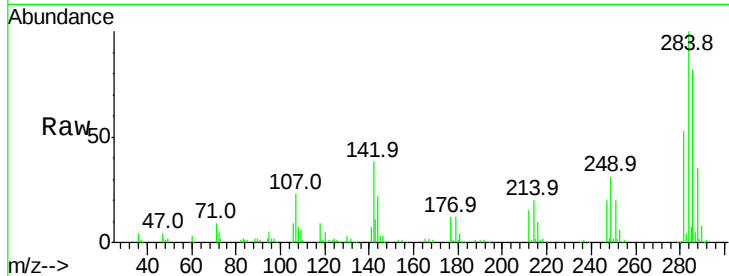




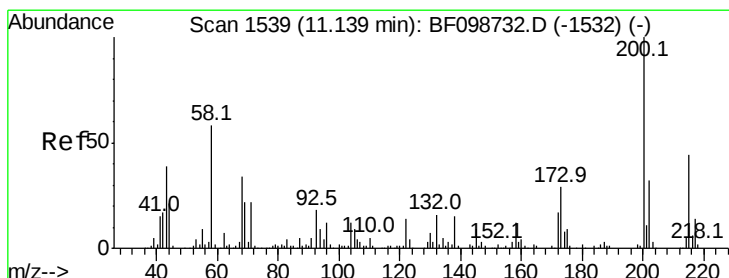
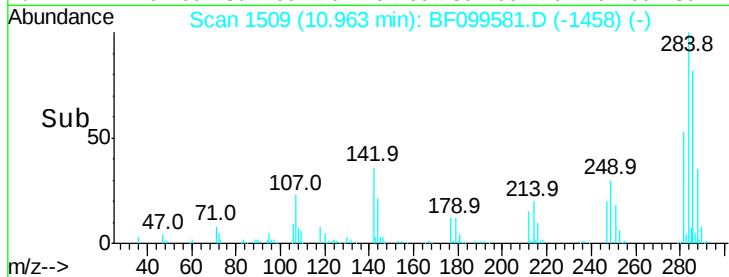
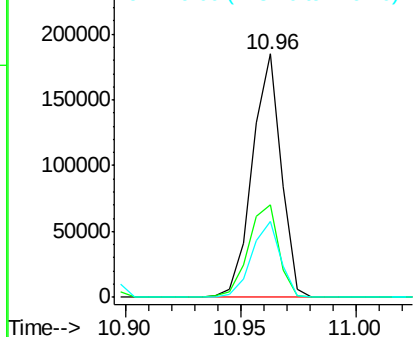
#67
Hexachlorobenzene
Concen: 42.574 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 161388
Ion Ratio Lower Upper
284 100
142 38.1 34.6 52.0
249 31.0 24.8 37.2

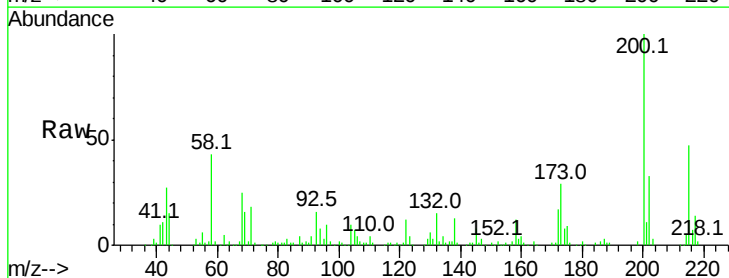


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

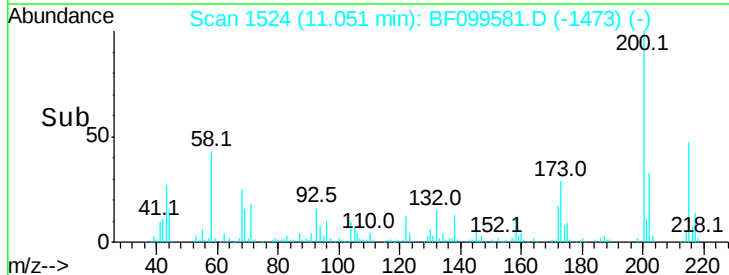
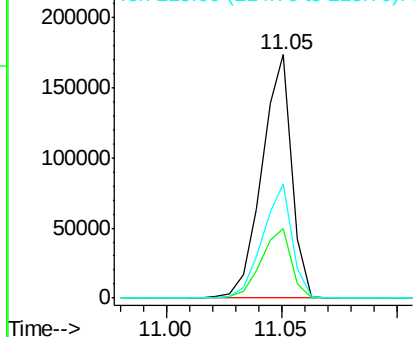


#68
Atrazine
Concen: 41.063 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Tgt Ion:200 Resp: 155194
Ion Ratio Lower Upper
200 100
173 28.7 8.6 48.6
215 47.2 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

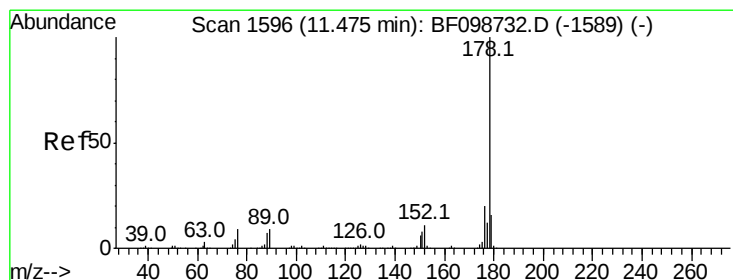
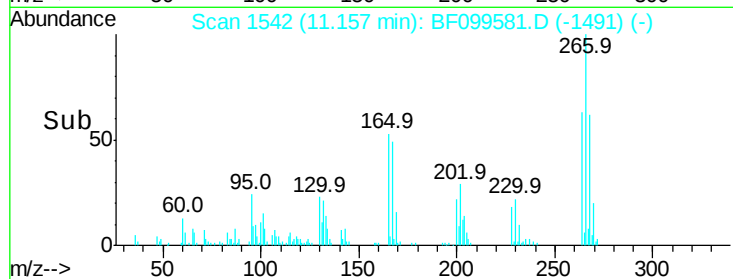
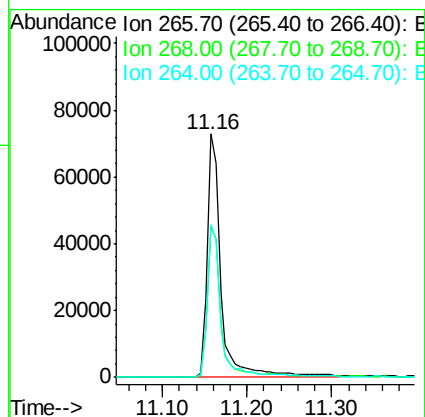
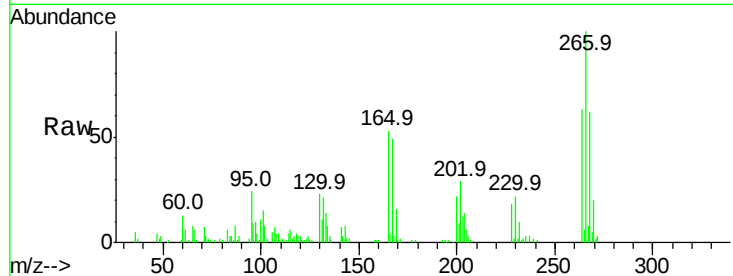




#69
 Pentachlorophenol
 Concen: 35.258 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF099581.D
 Acq: 17 Oct 2017 15:15

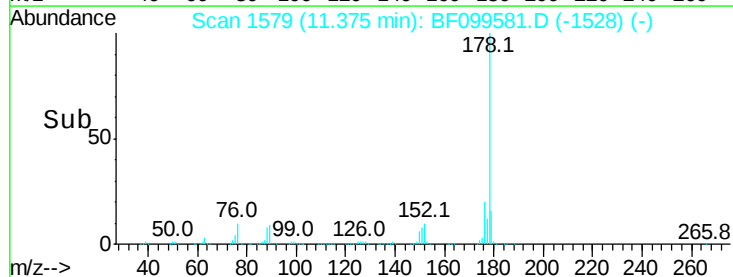
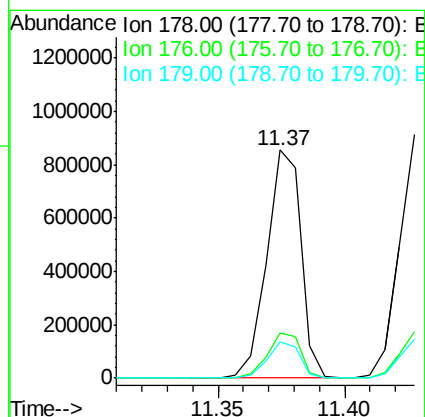
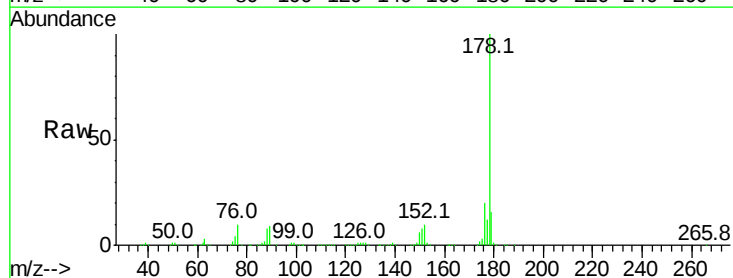
Instrument :
 BNA_F
 ClientSampled :

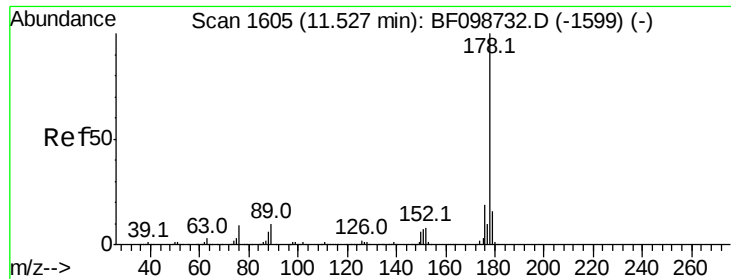
Tot Ion:266 Resp: 83181
 Ion Ratio Lower Upper
 266 100
 268 61.7 51.1 76.7
 264 62.6 49.5 74.3



#70
 Phenanthrene
 Concen: 41.664 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF099581.D
 Acq: 17 Oct 2017 15:15

Tgt Ion:178 Resp: 808653
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.6 13.0 19.6

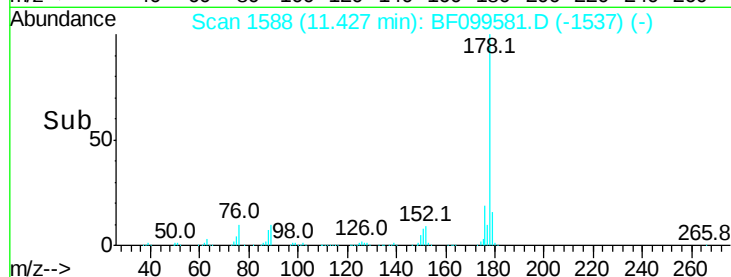
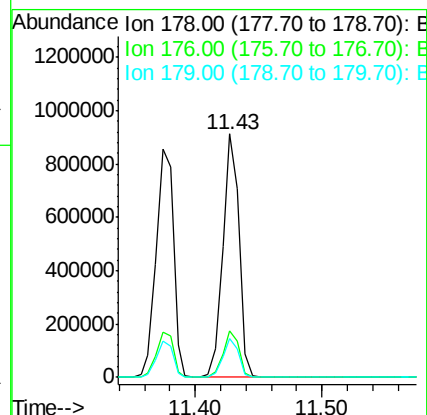
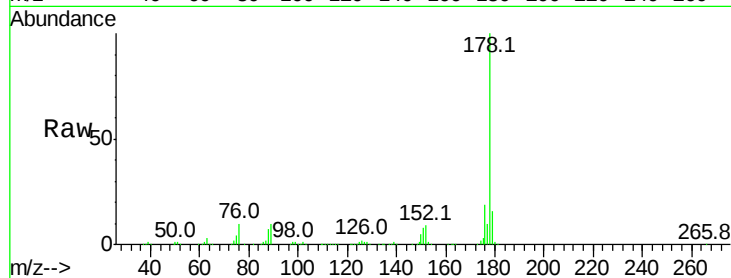




#71
 Anthracene
 Concen: 41.507 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF099581.D
 Acq: 17 Oct 2017 15:15

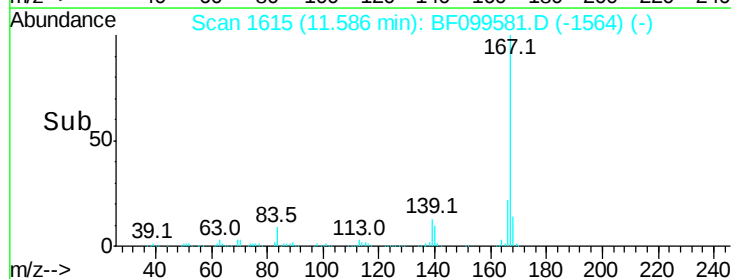
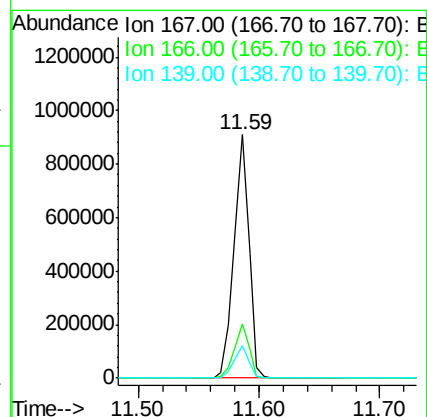
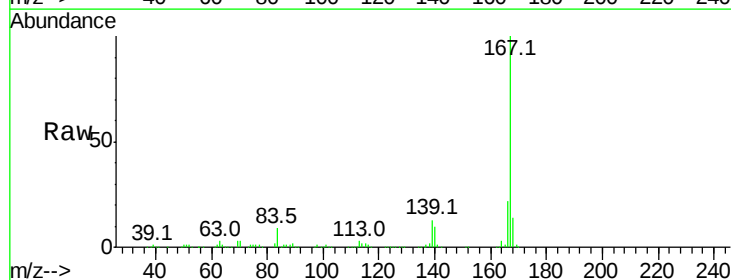
Instrument :
 BNA_F
 ClientSampleId :

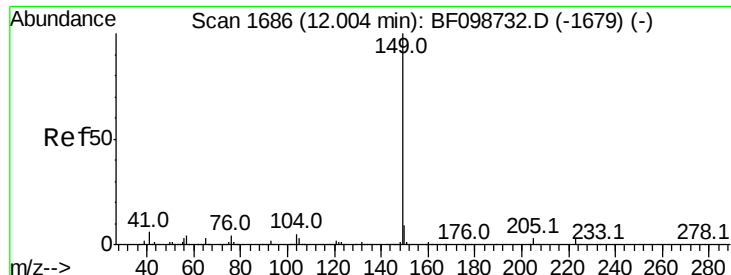
Tot Ion:178 Resp: 824292
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 40.764 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BF099581.D
 Acq: 17 Oct 2017 15:15

Tgt Ion:167 Resp: 792762
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.4 10.9 16.3

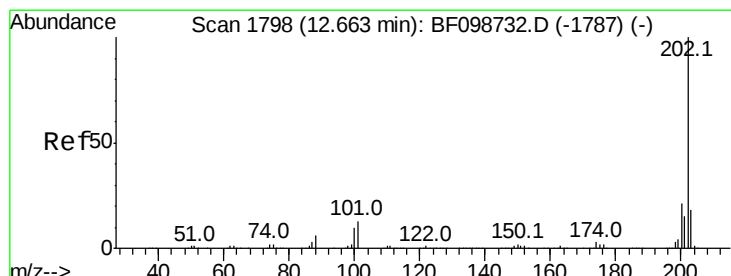
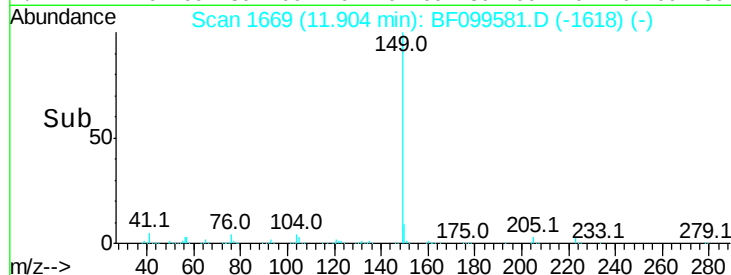
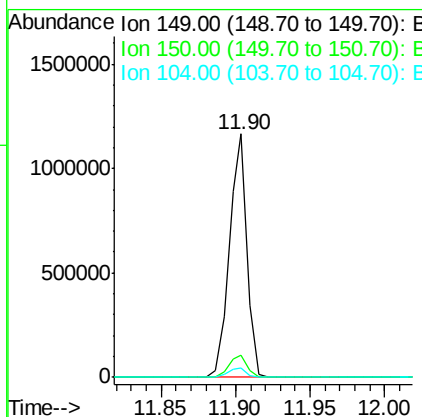
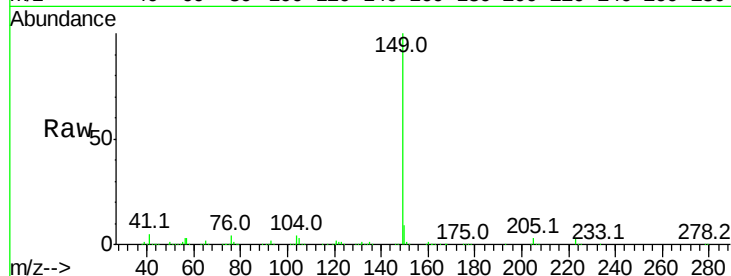




#73
Di-n-butylphthalate
Concen: 41.483 ng
RT: 11.90 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

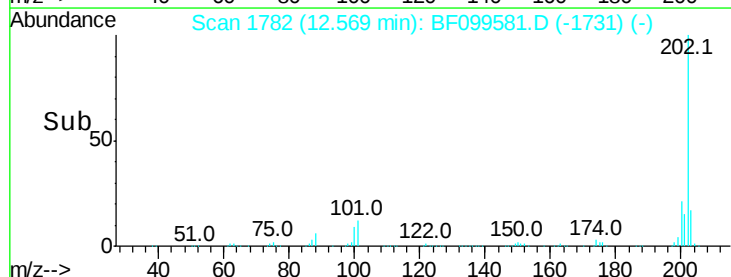
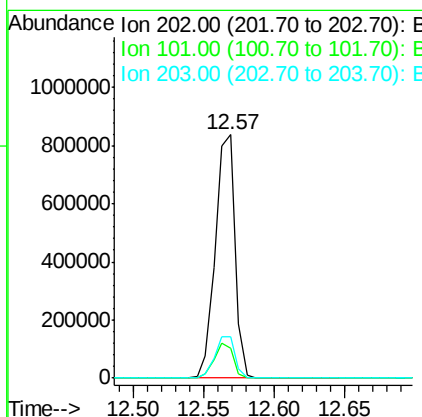
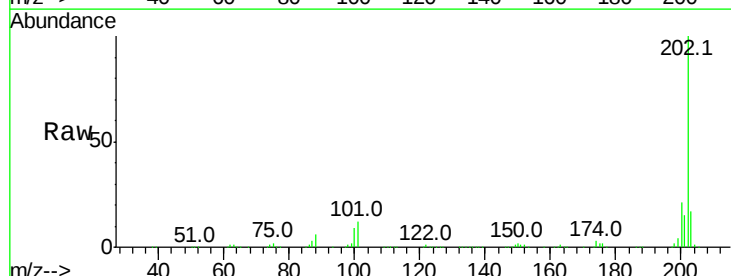
Instrument :
BNA_F
ClientSampleId :

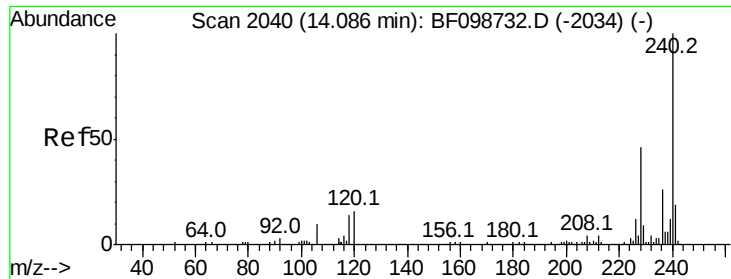
Tot Ion:149 Resp: 971035
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.1 3.8 5.8



#74
Fluoranthene
Concen: 41.422 ng
RT: 12.57 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Tgt Ion:202 Resp: 814106
Ion Ratio Lower Upper
202 100
101 12.4 0.0 34.1
203 17.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

Instrument :

BNA_F

ClientSampleId :

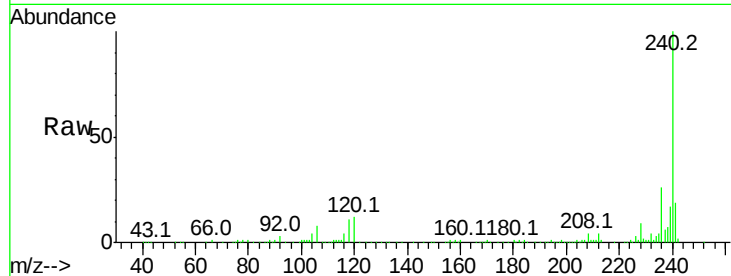
Tot Ion:240 Resp: 248144

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

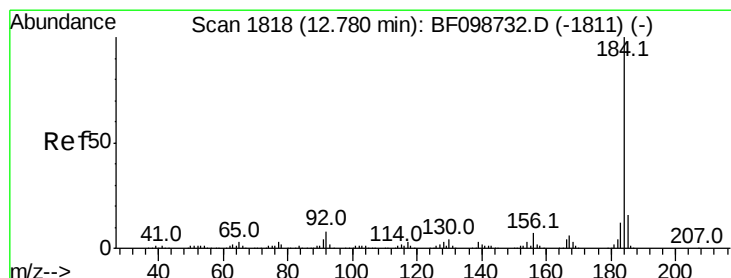
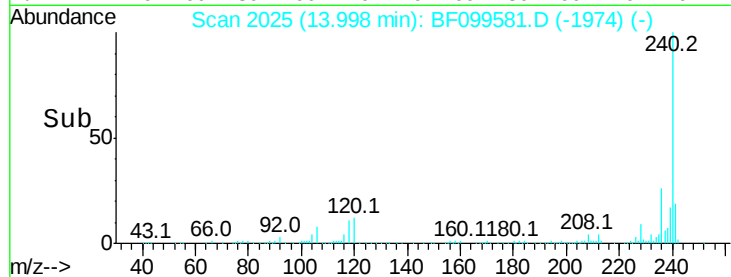
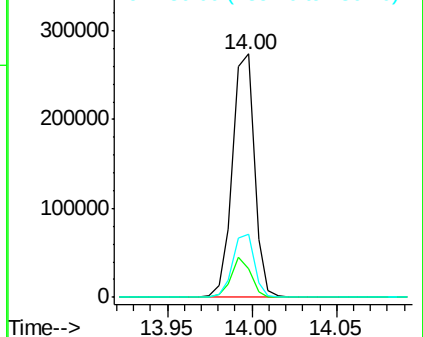
236 25.9 20.7 31.1



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: 38.670 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

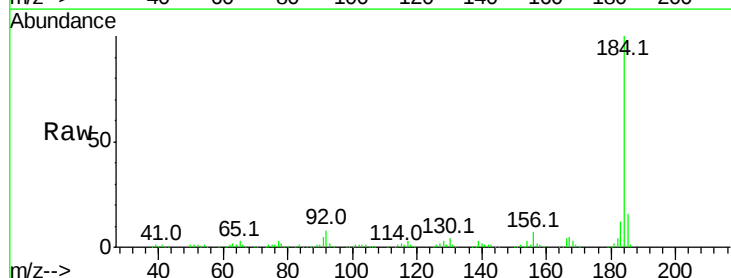
Tgt Ion:184 Resp: 354911

Ion Ratio Lower Upper

184 100

185 15.8 12.6 18.8

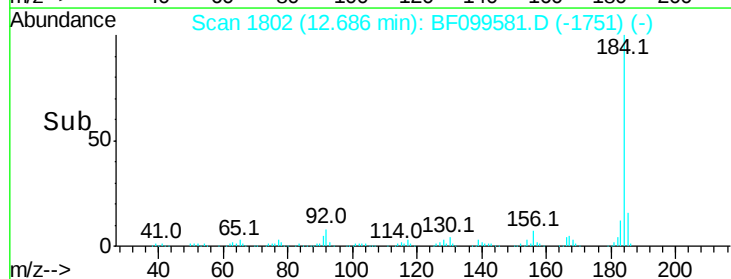
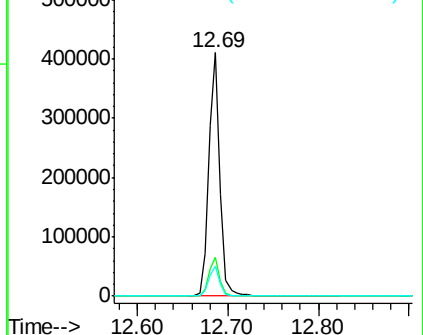
183 12.1 9.3 13.9



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

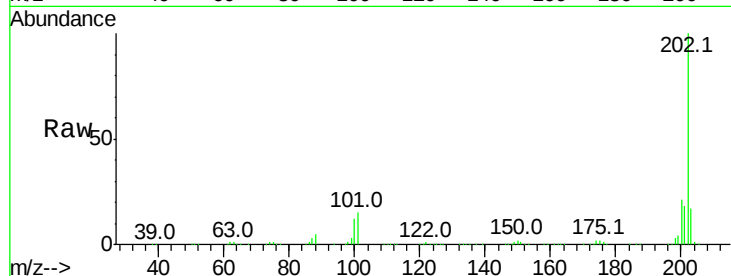




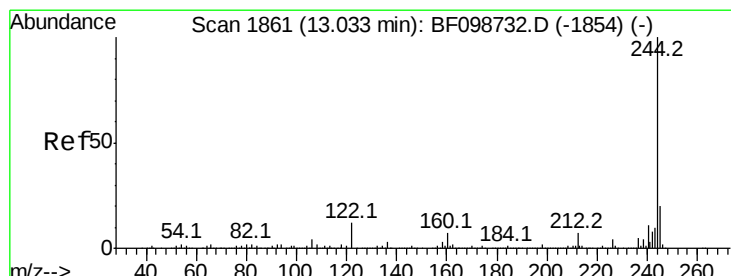
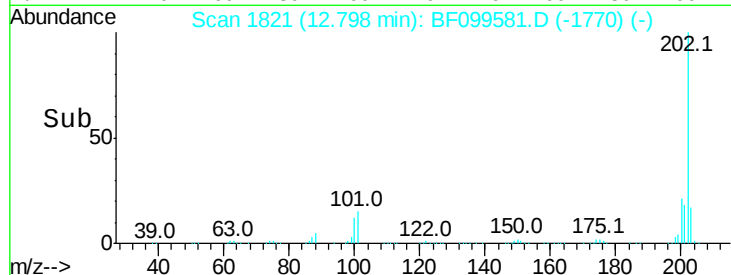
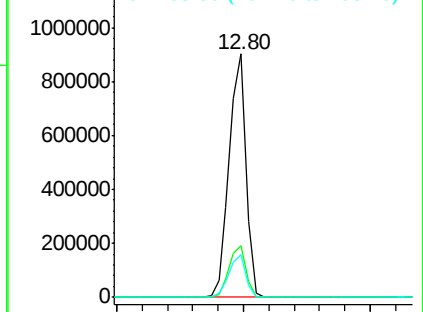
#77
Pvrene
Concen: 43.945 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 831516
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.4 14.3 21.5

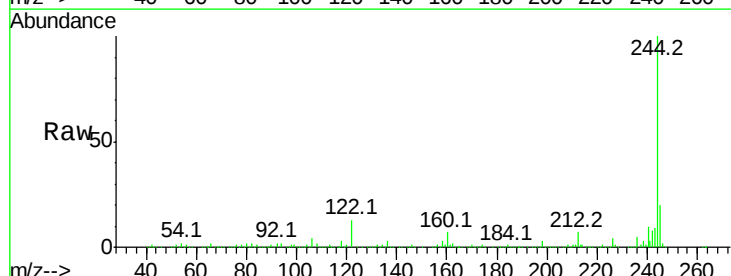


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

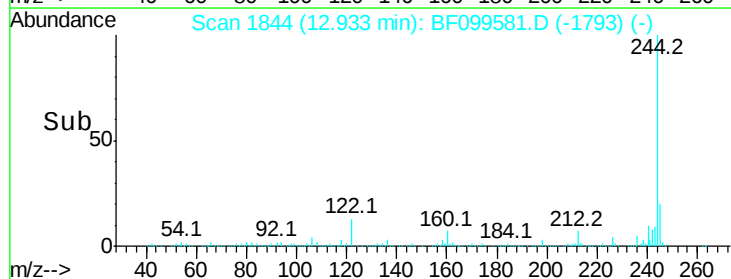
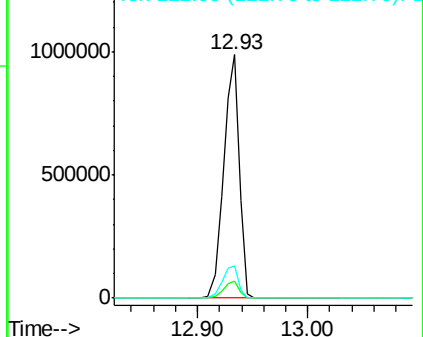


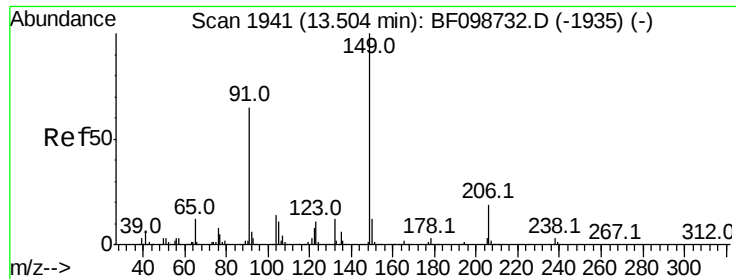
#78
Terphenyl-d14
Concen: 88.641 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Tgt Ion:244 Resp: 967183
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 13.3 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

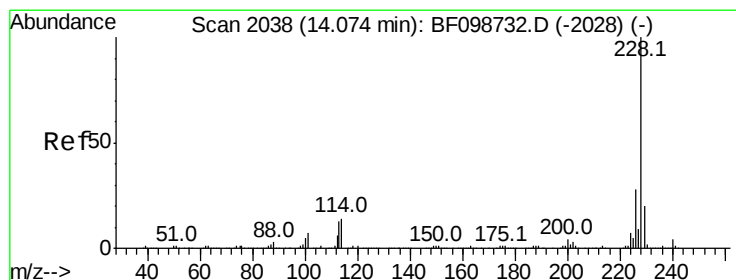
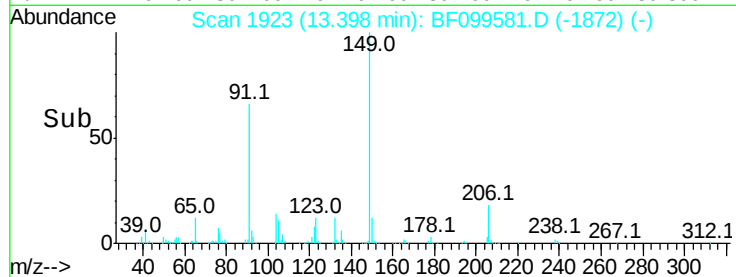
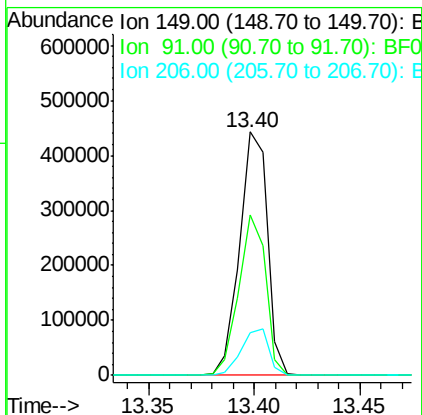
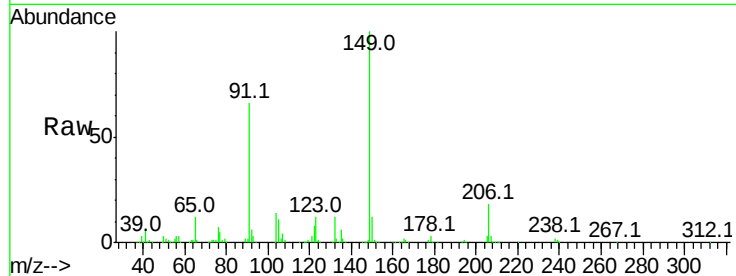




#79
Butylbenzylphthalate
Concen: 45.284 ng
RT: 13.40 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

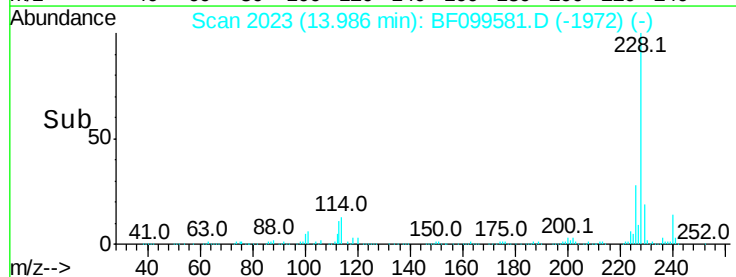
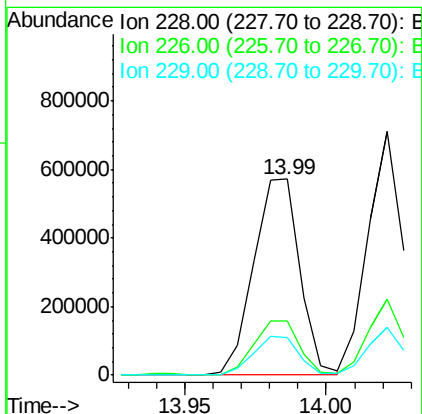
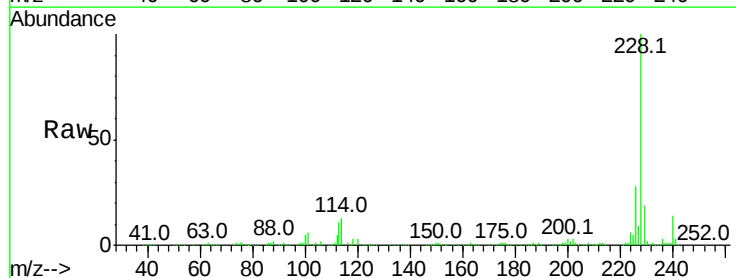
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 402704
Ion Ratio Lower Upper
149 100
91 65.7 56.8 85.2
206 17.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 43.152 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Tgt Ion:228 Resp: 648384
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.4 15.8 23.6

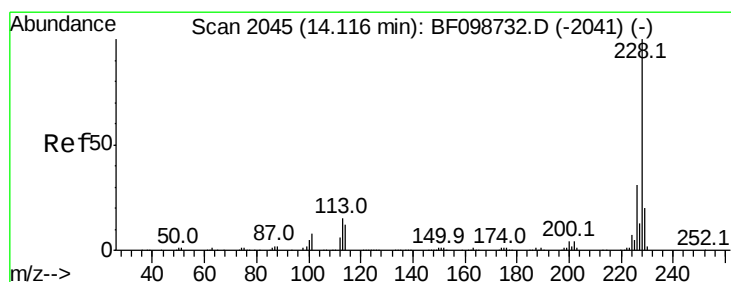
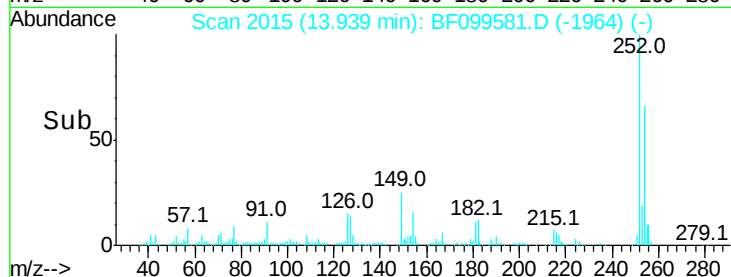
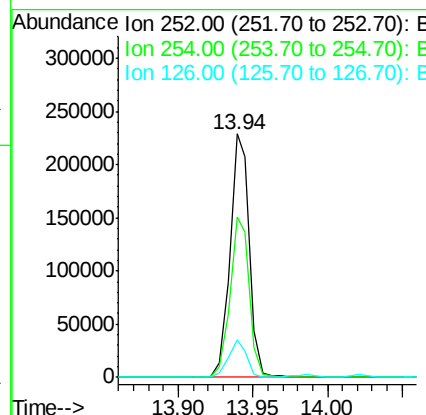
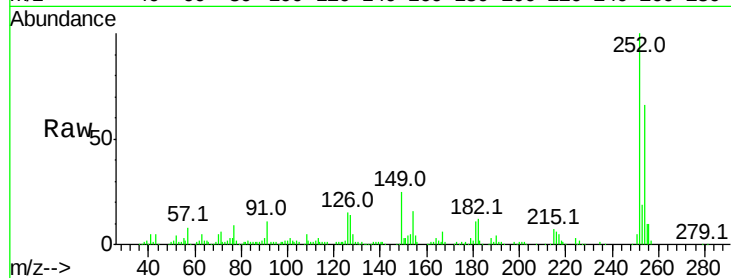




#81
 3,3'-Dichlorobenzidine
 Concen: 38.075 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF099581.D
 Acq: 17 Oct 2017 15:15

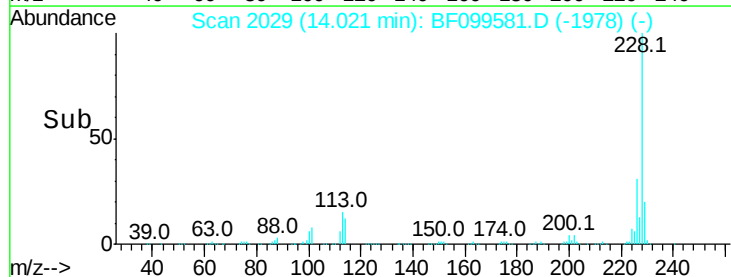
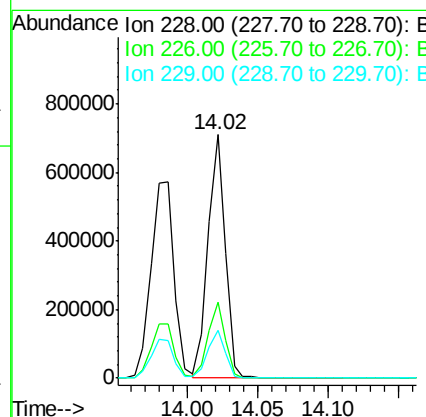
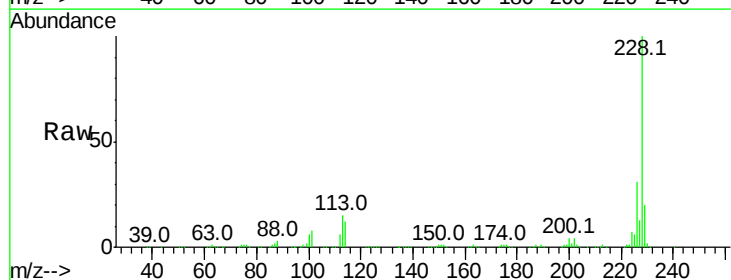
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	50.4	75.6
126	15.3	11.3	16.9



#82
 Chrysene
 Concen: 42.286 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF099581.D
 Acq: 17 Oct 2017 15:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.8	16.2	24.4

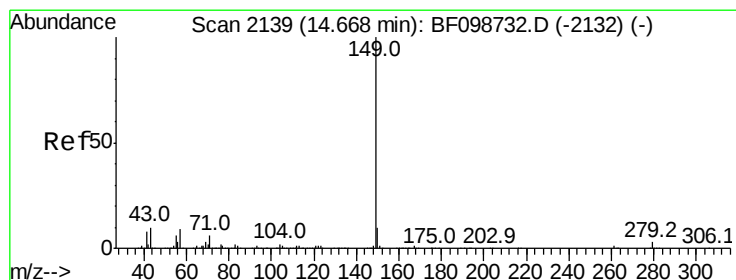
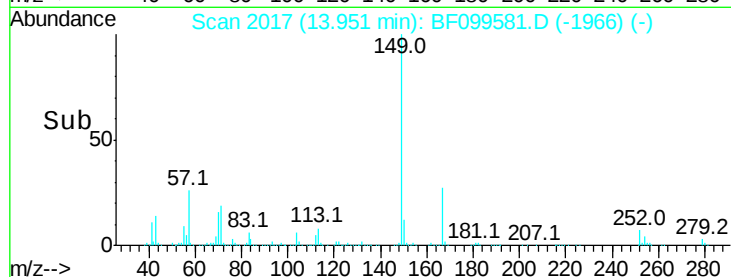
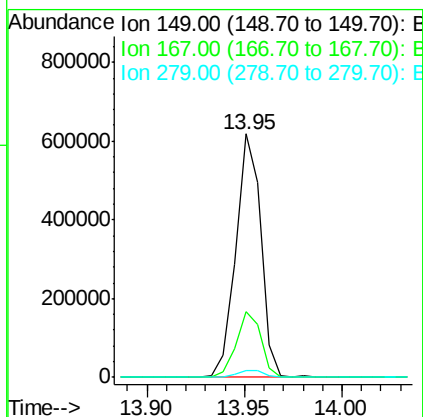
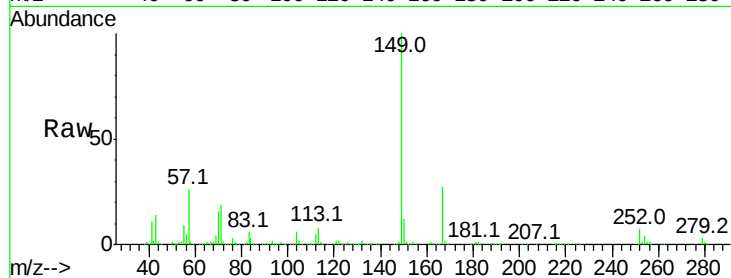




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.923 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BF099581.D
 Acq: 17 Oct 2017 15:15

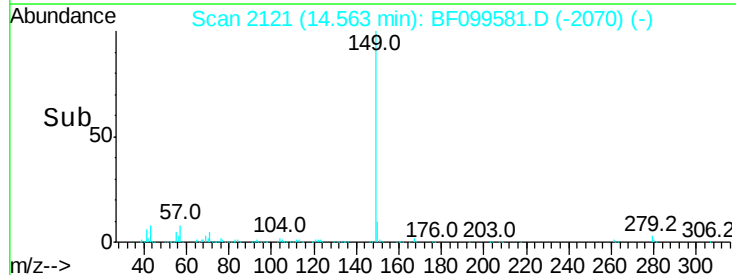
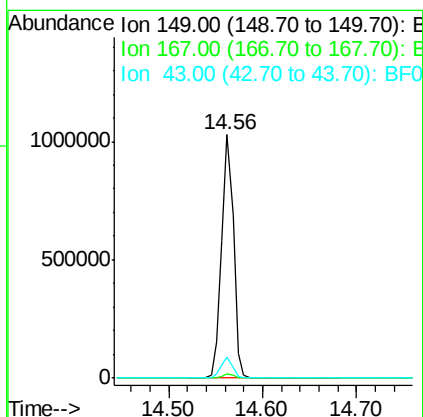
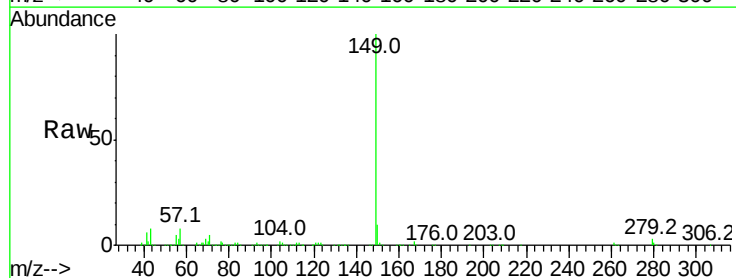
Instrument :
 BNA_F
 ClientSampleId :

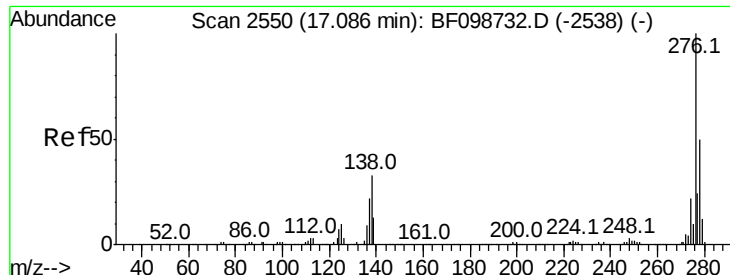
Tot Ion:149 Resp: 550078
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.3 31.9
 279 2.8 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 46.509 ng
 RT: 14.56 min Scan# 2121
 Delta R.T. 0.00 min
 Lab File: BF099581.D
 Acq: 17 Oct 2017 15:15

Tgt Ion:149 Resp: 917017
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.2 8.4 12.6#

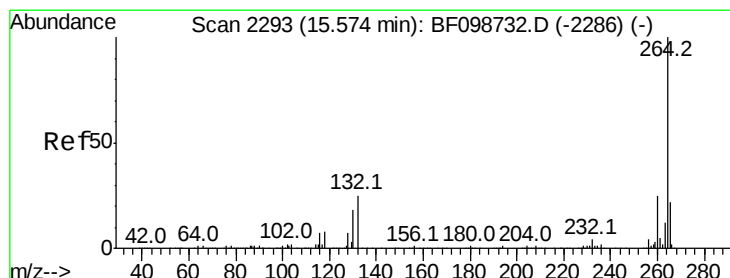
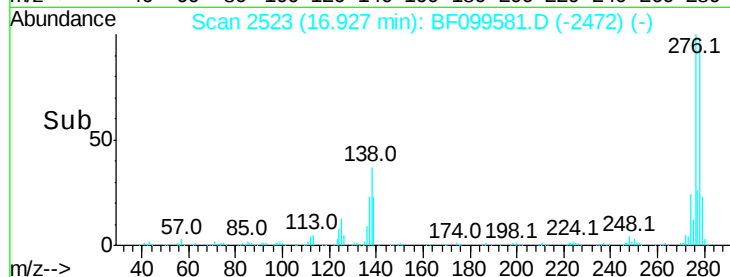
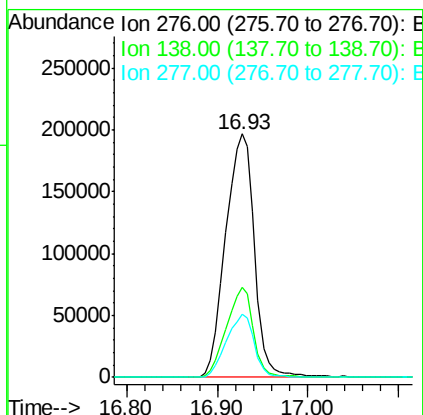
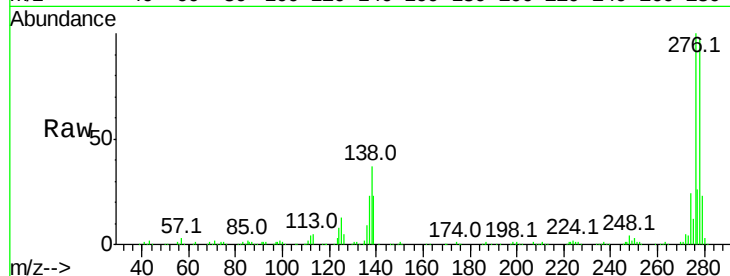




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.040 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: BF099581.D
 Acq: 17 Oct 2017 15:15

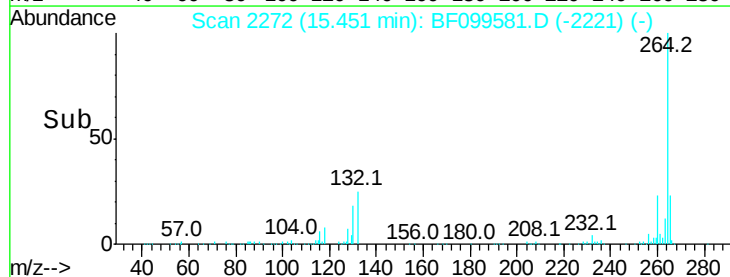
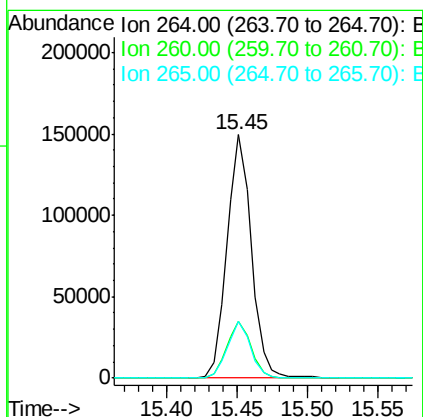
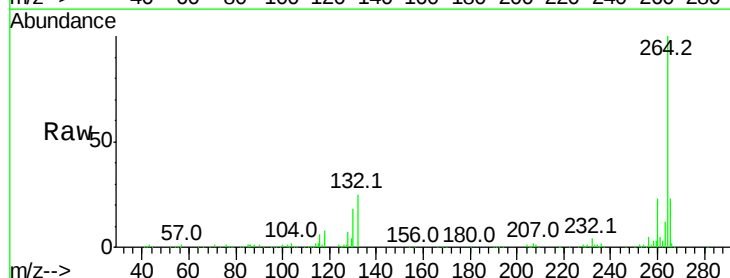
Instrument :
 BNA_F
 ClientSampleId :

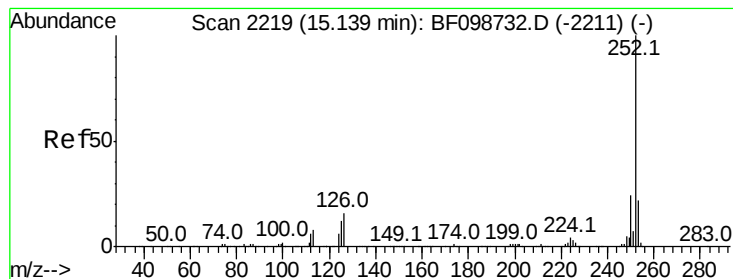
Tot Ion:276 Resp: 435302
 Ion Ratio Lower Upper
 276 100
 138 34.6 25.0 37.6
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BF099581.D
 Acq: 17 Oct 2017 15:15

Tgt Ion:264 Resp: 179637
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 23.4 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 44.924 ng

RT: 15.06 min Scan# 2205

Delta R.T. 0.03 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

Instrument :

BNA_F

ClientSampleId :

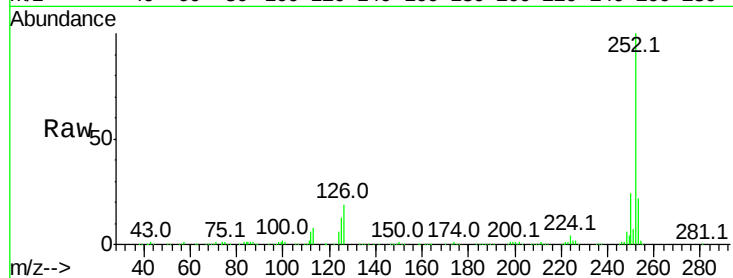
Tot Ion:252 Resp: 496174

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

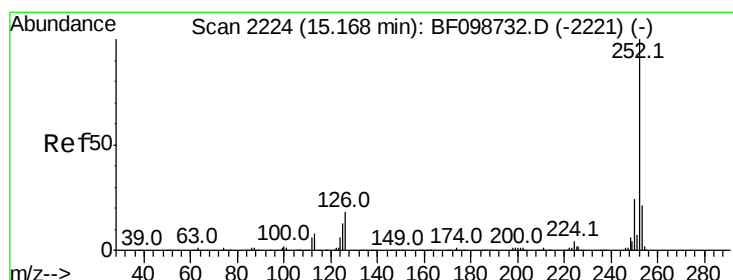
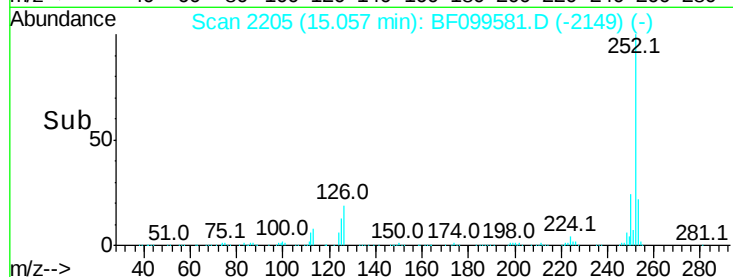
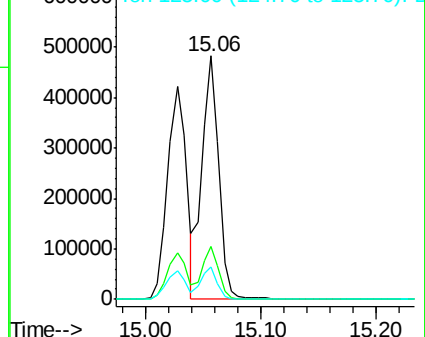
125 13.2 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 45.483 ng

RT: 15.06 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

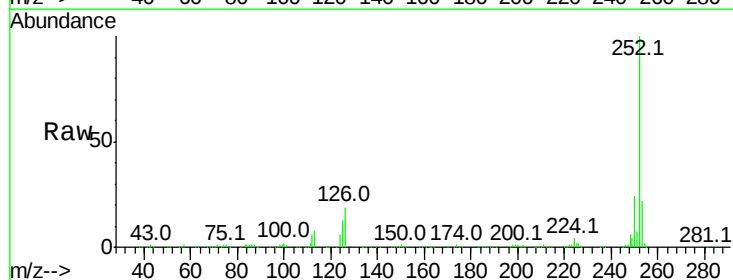
Tgt Ion:252 Resp: 496174

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

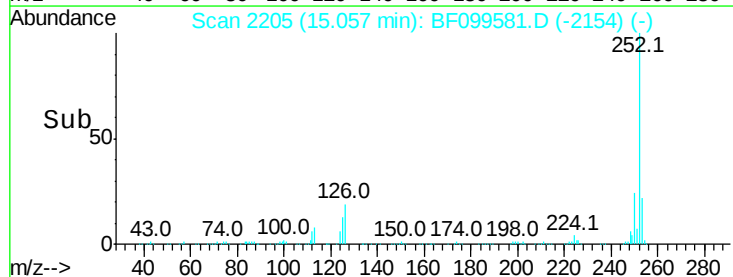
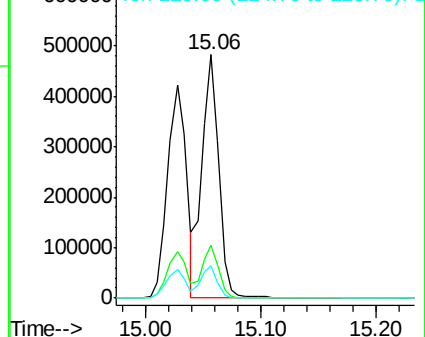
125 13.2 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

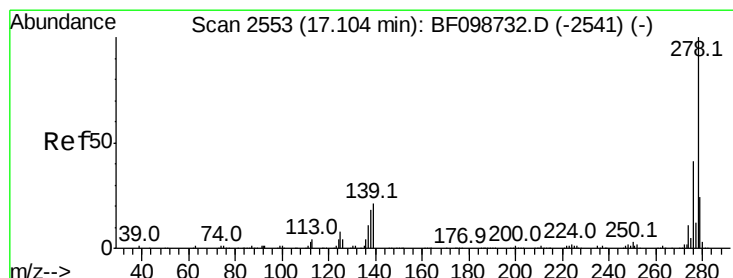
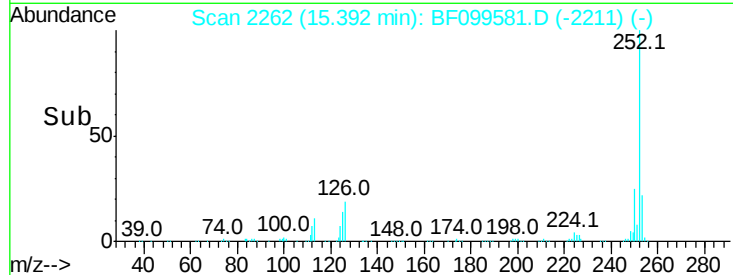
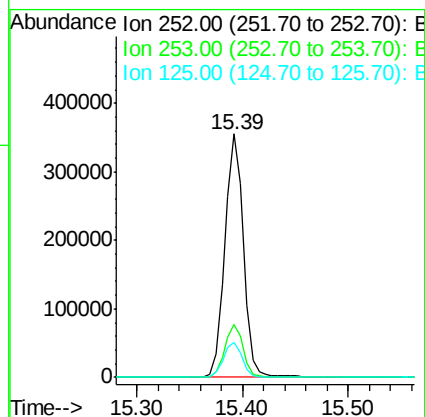
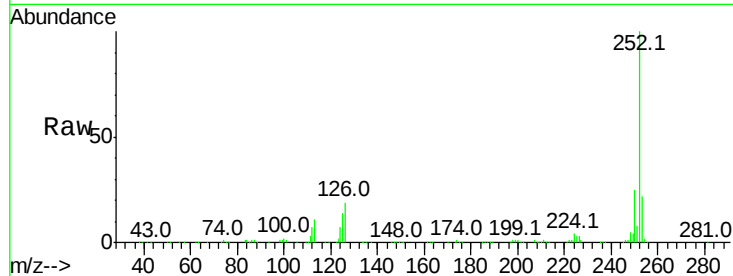




#89
Benzo(a)pyrene
Concen: 43.070 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

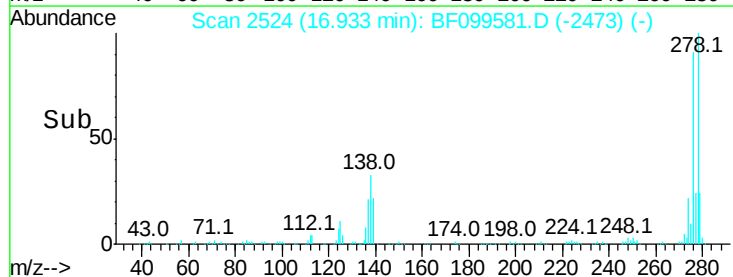
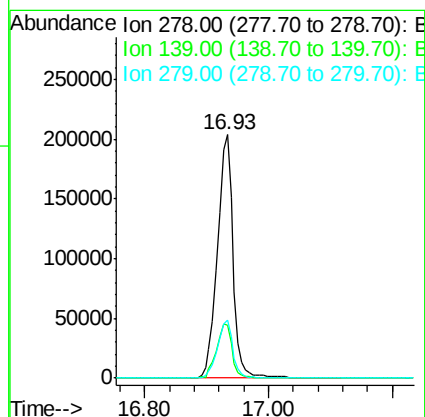
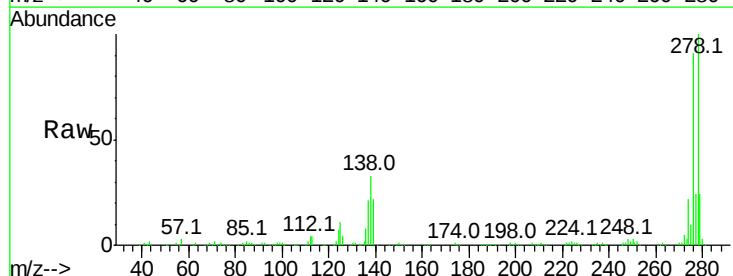
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 436656
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 14.4 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 43.889 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BF099581.D
Acq: 17 Oct 2017 15:15

Tgt Ion:278 Resp: 356102
Ion Ratio Lower Upper
278 100
139 21.5 15.9 23.9
279 23.7 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 46.159 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.00 min

Lab File: BF099581.D

Acq: 17 Oct 2017 15:15

Instrument :

BNA_F

ClientSampleId :

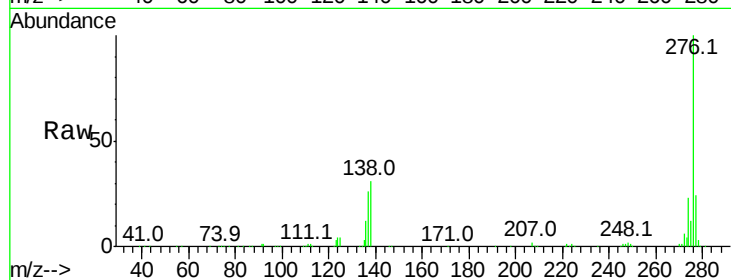
Tot Ion:276 Resp: 370208

Ion Ratio Lower Upper

276 100

277 24.5 17.9 26.9

138 30.9 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

