

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099265.D
 Acq On : 9 Oct 2017 16:33
 Operator : SJ/JU
 Sample : I5702-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 17:15:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	111635	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	476219	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	224648	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	417675	20.00	ng	0.00
75) Chrysene-d12	14.03	240	322061	20.00	ng	0.00
86) Perylene-d12	15.50	264	252480	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	870987	124.20	ng	0.02
7) Phenol-d6	6.50	99	1084448	125.36	ng	0.00
23) Nitrobenzene-d5	7.43	82	647902	87.25	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	245631	133.62	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1183504	87.95	ng	0.00
78) Terphenyl-d14	12.97	244	1090852	77.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	107542	32.103	ng	96
3) Pyridine	3.53	79	54616	6.027	ng	96
4) n-Nitrosodimethylamine	3.42	42	128469	33.431	ng	81
6) Aniline	6.53	93	396722	33.978	ng	96
8) 2-Chlorophenol	6.65	128	318399	40.093	ng	97
9) Benzaldehyde	6.42	77	128356	25.578	ng	94
10) Phenol	6.52	94	402504	41.602	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	295780	39.325	ng	95
12) 1,3-Dichlorobenzene	6.80	146	334463	40.214	ng	97
13) 1,4-Dichlorobenzene	6.88	146	339284	40.095	ng	99
14) 1,2-Dichlorobenzene	7.03	146	319551	40.869	ng	98
15) Benzyl Alcohol	7.01	79	255365	40.238	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	420071	35.847	ng	95
17) 2-Methylphenol	7.12	107	269517	41.477	ng	98
18) Hexachloroethane	7.37	117	116201	38.204	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	200677	36.333	ng	94
20) 3+4-Methylphenols	7.27	107	321829	39.150	ng	# 70
22) Acetophenone	7.27	105	422405	36.610	ng	# 96
24) Nitrobenzene	7.45	77	322947	38.338	ng	94
25) Isophorone	7.69	82	598902	39.009	ng	100
26) 2-Nitrophenol	7.76	139	183848	45.386	ng	91
27) 2,4-Dimethylphenol	7.80	122	290370	37.958	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	381513	39.875	ng	100
29) 2,4-Dichlorophenol	8.00	162	278211	42.359	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	269181	40.977	ng	99
31) Naphthalene	8.17	128	915350	40.926	ng	100
32) Benzoic acid	7.92	122	133462	21.239	ng	96
33) 4-Chloroaniline	8.22	127	352637	37.755	ng	98
34) Hexachlorobutadiene	8.28	225	128395	37.947	ng	99
35) Caprolactam	8.63	113	41026	19.473	ng	87
36) 4-Chloro-3-methylphenol	8.70	107	297122	40.248	ng	94
37) 2-Methylnaphthalene	8.86	142	639070	43.953	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	249574	37.252	ng	99
40) Hexachlorocyclopentadiene	9.01	237	176869	57.768	ng	97

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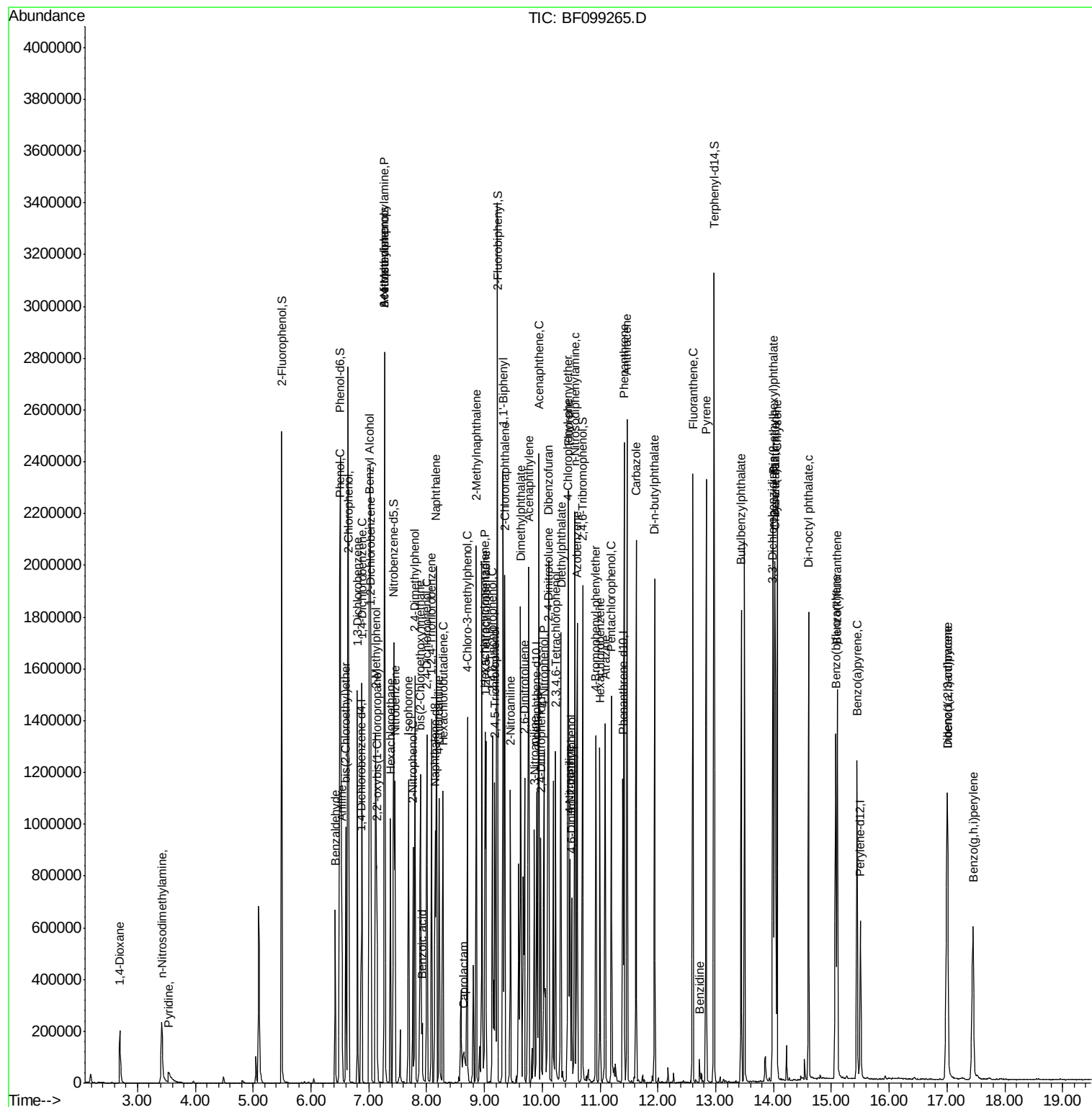
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	184116	38.792	ng	98
43) 2,4,5-Trichlorophenol	9.18	196	199470	42.101	ng	98
45) 1,1'-Biphenyl	9.32	154	746659	38.673	ng	99
46) 2-Chloronaphthalene	9.35	162	591155	40.780	ng	97
47) 2-Nitroaniline	9.45	65	183737	41.394	ng	91
48) Acenaphthylene	9.77	152	907024	40.873	ng	99
49) Dimethylphthalate	9.63	163	901889	53.192	ng	100
50) 2,6-Dinitrotoluene	9.69	165	162264	43.959	ng	# 86
51) Acenaphthene	9.94	154	535084	38.065	ng	98
52) 3-Nitroaniline	9.86	138	169992	39.496	ng	92
53) 2,4-Dinitrophenol	9.97	184	129594	68.350	ng	# 88
54) Dibenzofuran	10.11	168	812230	43.397	ng	100
55) 4-Nitrophenol	10.03	139	256740	70.546	ng	86
56) 2,4-Dinitrotoluene	10.10	165	216925	45.282	ng	91
57) Fluorene	10.45	166	638655	42.454	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	145799	44.547	ng	97
59) Diethylphthalate	10.32	149	673812	40.670	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	279395	41.346	ng	98
61) 4-Nitroaniline	10.48	138	201995	48.646	ng	90
62) Azobenzene	10.60	77	624628	41.004	ng	93
64) 4,6-Dinitro-2-methylphenol	10.51	198	99222	39.045	ng	# 77
65) n-Nitrosodiphenylamine	10.56	169	579364	40.040	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	165887	40.576	ng	89
67) Hexachlorobenzene	11.00	284	172071	39.407	ng	99
68) Atrazine	11.09	200	186250	42.782	ng	98
69) Pentachlorophenol	11.20	266	166303	61.196	ng	99
70) Phenanthrene	11.42	178	940501	42.067	ng	99
71) Anthracene	11.47	178	969771	42.394	ng	99
72) Carbazole	11.63	167	939449	41.937	ng	99
73) Di-n-butylphthalate	11.95	149	1056208	39.172	ng	99
74) Fluoranthene	12.60	202	997181	44.047	ng	99
76) Benzidine	12.72	184	39348	3.303	ng	99
77) Pyrene	12.83	202	1017700	41.440	ng	99
79) Butylbenzylphthalate	13.44	149	458670	39.740	ng	97
80) Benzo(a)anthracene	14.02	228	816684	41.878	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	255399	35.725	ng	100
82) Chrysene	14.06	228	758959	40.878	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	607546	38.229	ng	99
84) Di-n-octyl phthalate	14.61	149	978360	38.232	ng	95
85) Indeno(1,2,3-cd)pyrene	17.00	276	567742	38.227	ng	96
87) Benzo(b)fluoranthene	15.07	252	640975	41.291	ng	# 97
88) Benzo(k)fluoranthene	15.10	252	660226	43.060	ng	98
89) Benzo(a)pyrene	15.44	252	608966	42.736	ng	# 97
90) Dibenzo(a,h)anthracene	17.01	278	466322	40.892	ng	96
91) Benzo(g,h,i)perylene	17.45	276	481342	42.701	ng	94

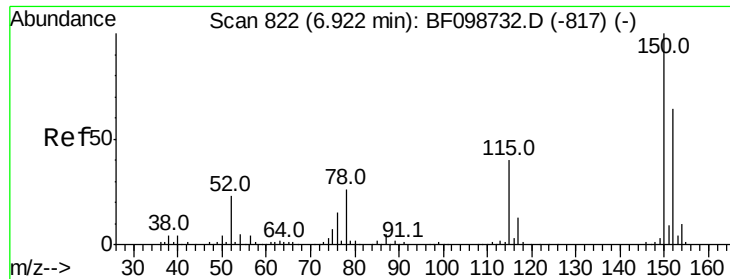
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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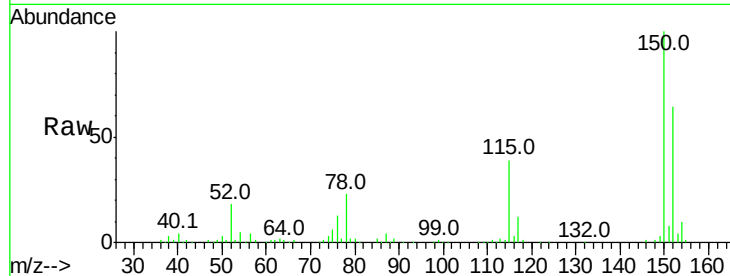


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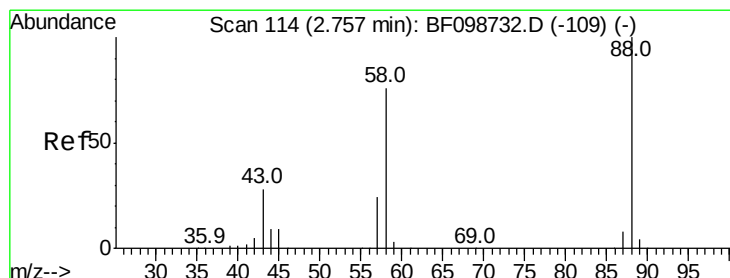
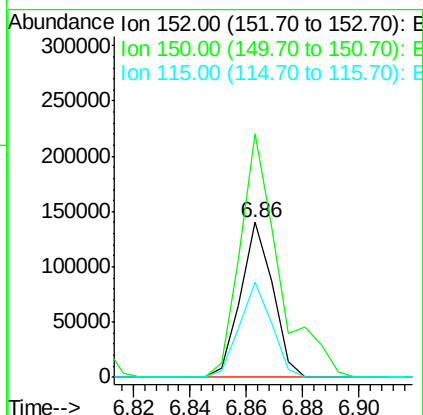
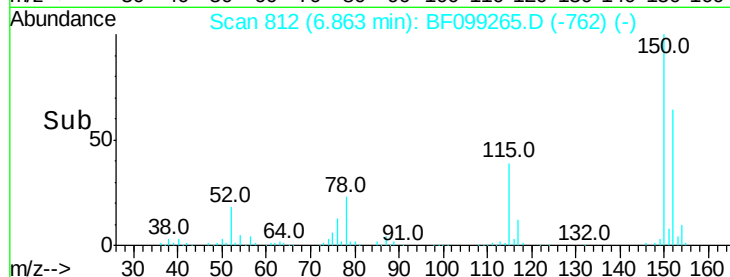
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 111635
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 61.3 50.1 75.1



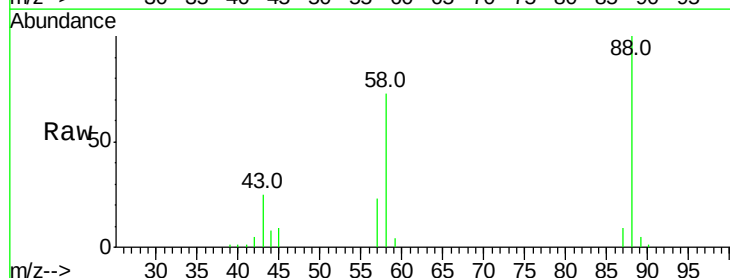
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



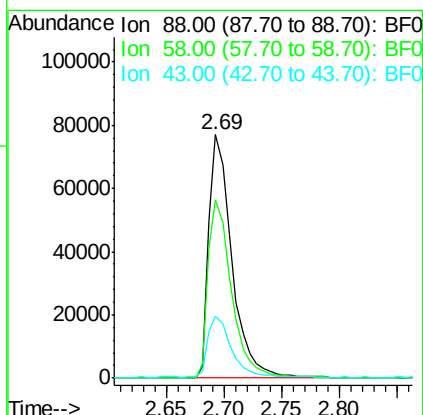
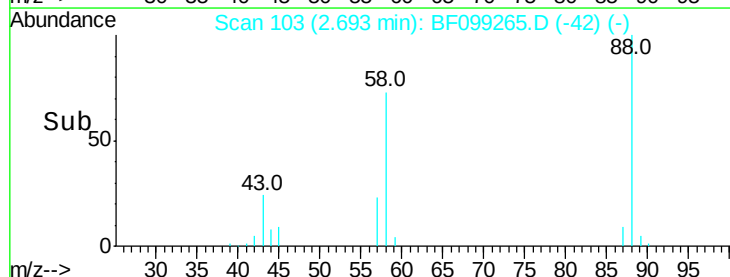
#2

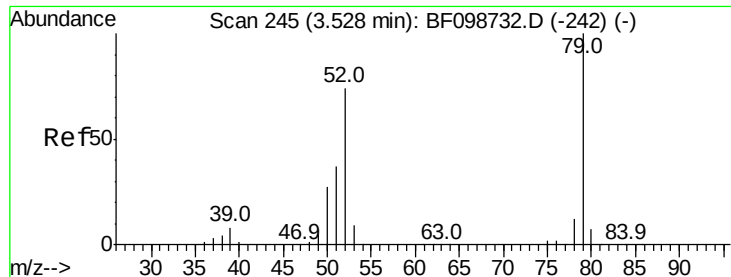
1,4-Dioxane
Concen: 32.103 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.06 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion: 88 Resp: 107542
Ion Ratio Lower Upper
88 100
58 74.9 62.6 93.8
43 27.5 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: 6.027 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.13 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Instrument :

BNA_F

ClientSampleId :

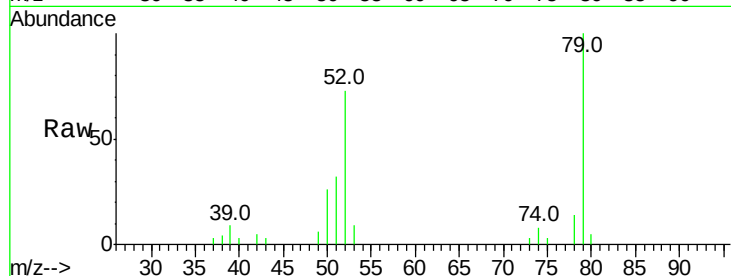
Tot Ion: 79 Resp: 54616

Ion Ratio Lower Upper

79 100

52 72.7 59.8 89.6

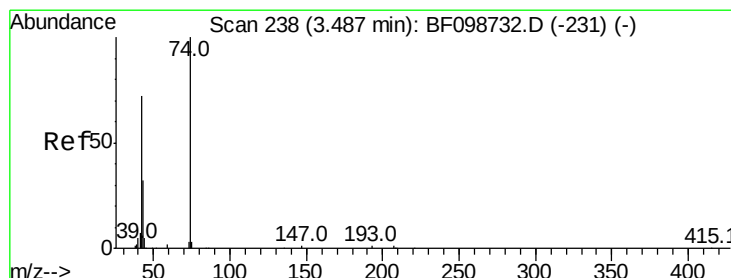
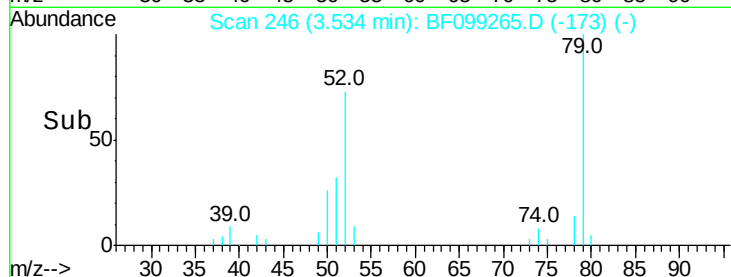
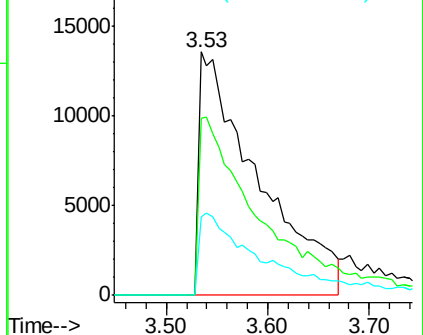
51 32.5 29.8 44.8



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: 33.431 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.05 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

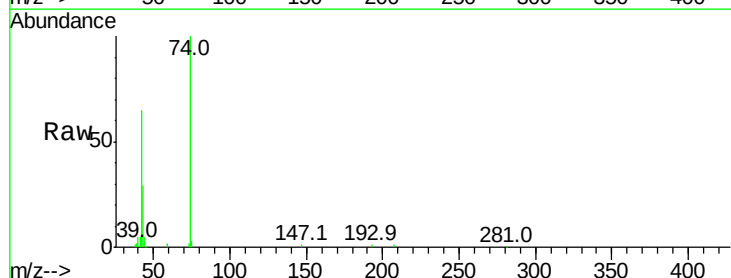
Tgt Ion: 42 Resp: 128469

Ion Ratio Lower Upper

42 100

74 154.8 104.9 157.3

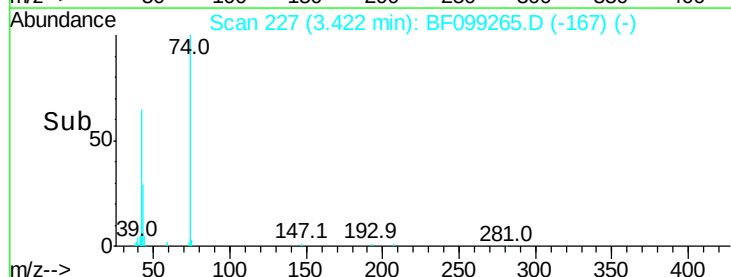
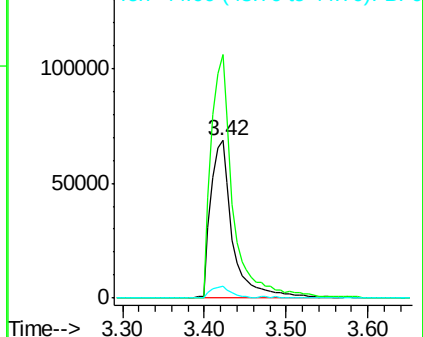
44 7.9 6.9 10.3

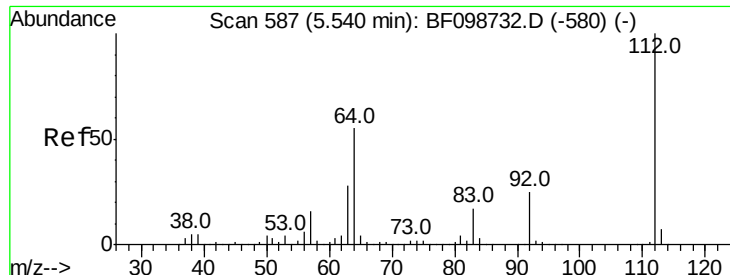


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 124.202 ng

RT: 5.50 min Scan# 580

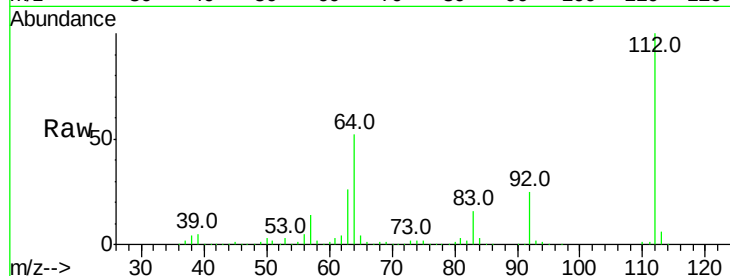
Delta R.T. 0.02 min

Lab File: BF099265.D

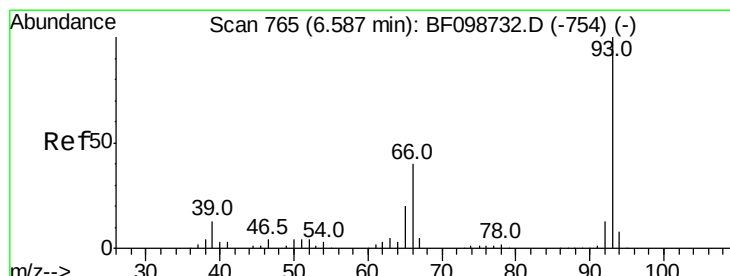
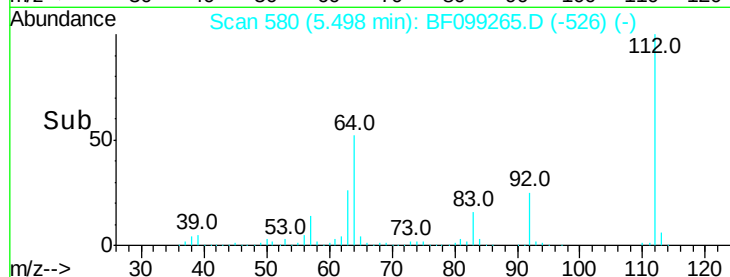
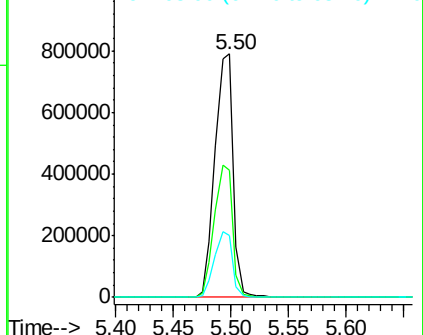
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	870987
Ion	Ratio	Lower	Upper
112	100		
64	52.0	47.9	71.9
63	25.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 33.978 ng

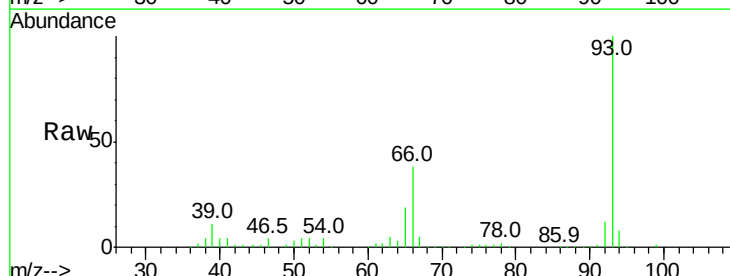
RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

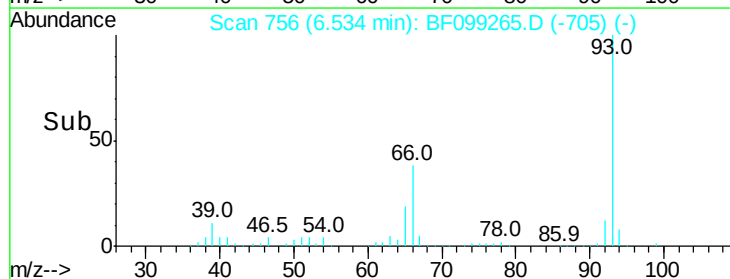
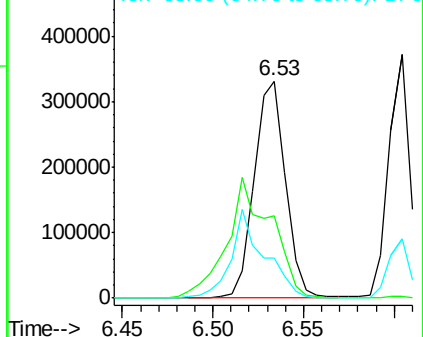
Lab File: BF099265.D

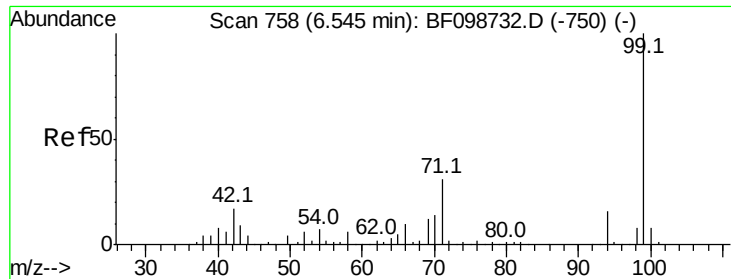
Acq: 9 Oct 2017 16:33

Tgt Ion:	93	Resp:	396722
Ion	Ratio	Lower	Upper
93	100		
66	38.0	32.2	48.2
65	18.7	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 125.356 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

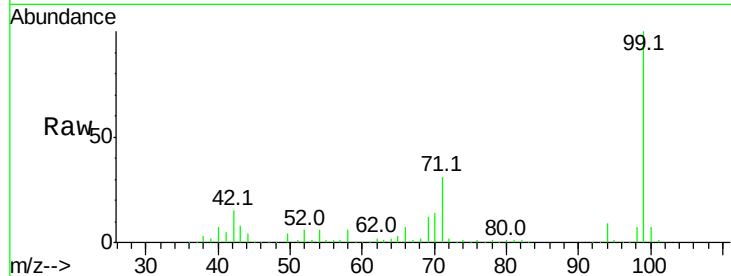
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1084448

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	31.1	25.4	38.0

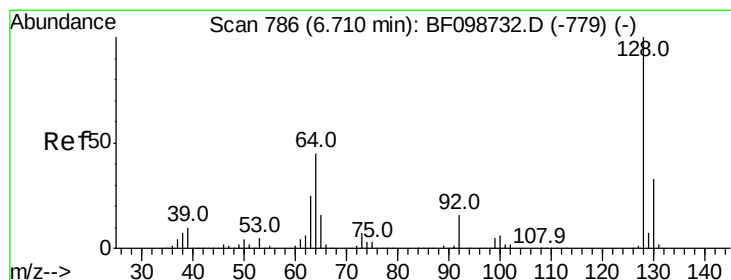
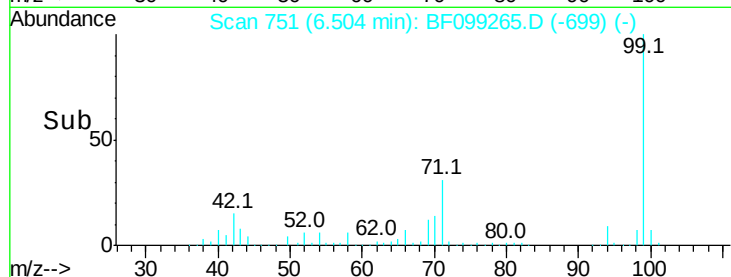
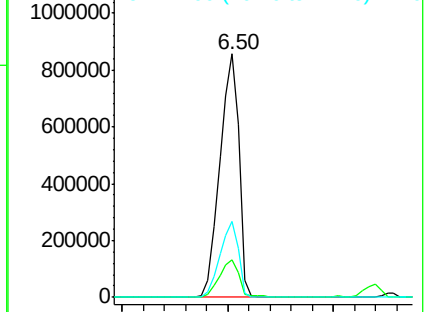


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.093 ng

RT: 6.65 min Scan# 776

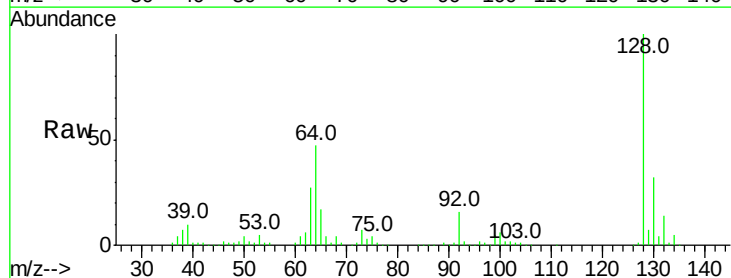
Delta R.T. -0.01 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Tgt Ion: 128 Resp: 318399

Ion	Ratio	Lower	Upper
128	100		
130	31.7	13.0	53.0
64	46.7	29.4	69.4

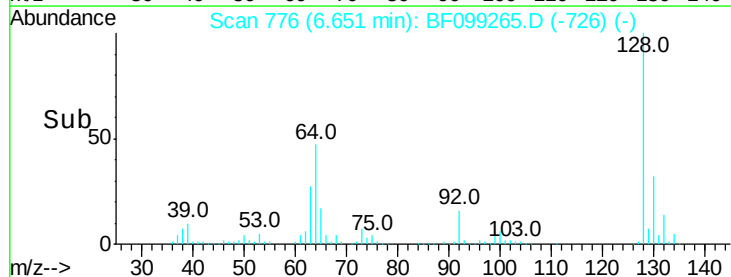
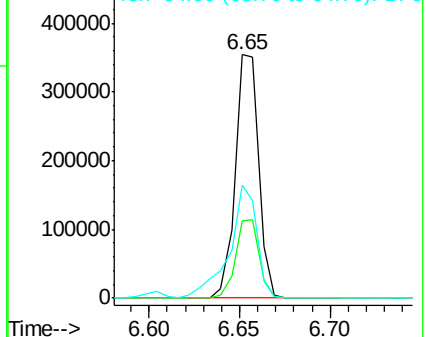


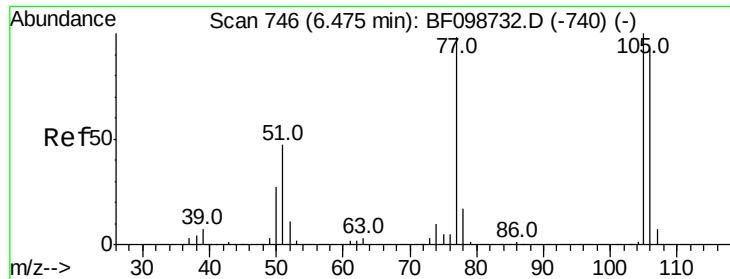
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

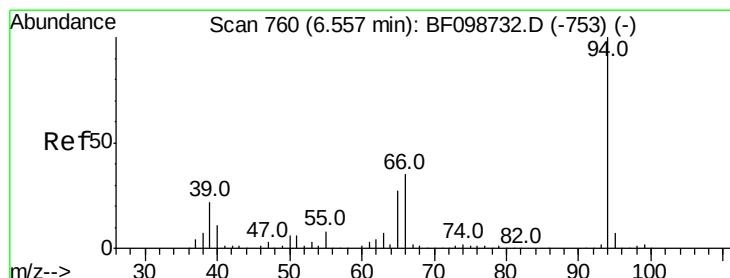
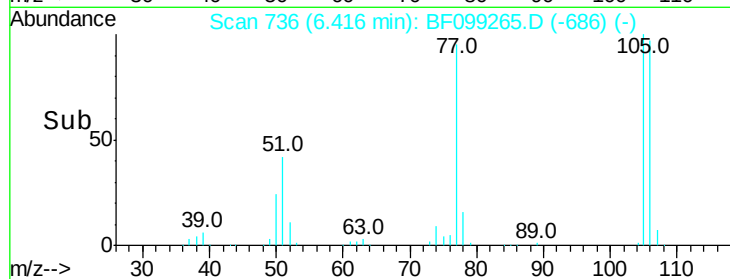
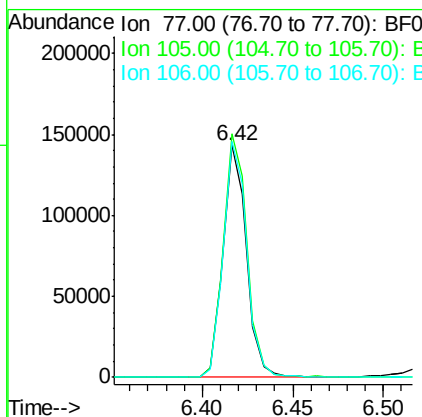
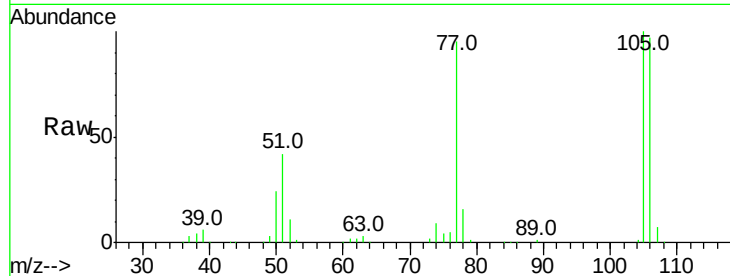




#9
Benzaldehyde
Concen: 25.578 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
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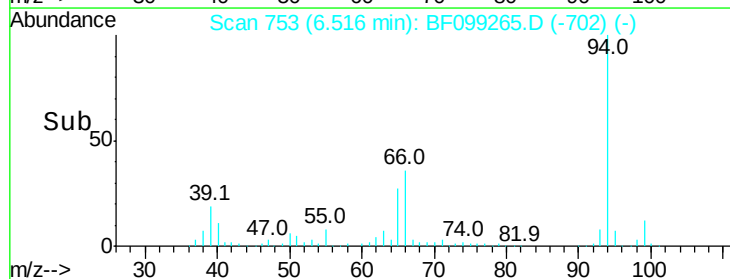
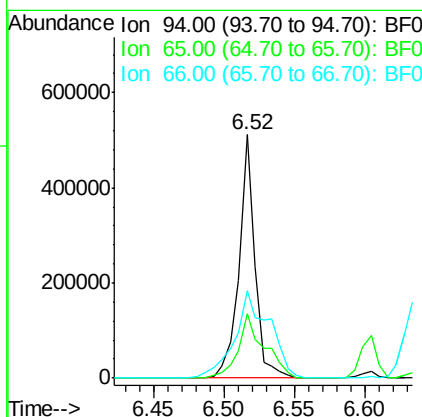
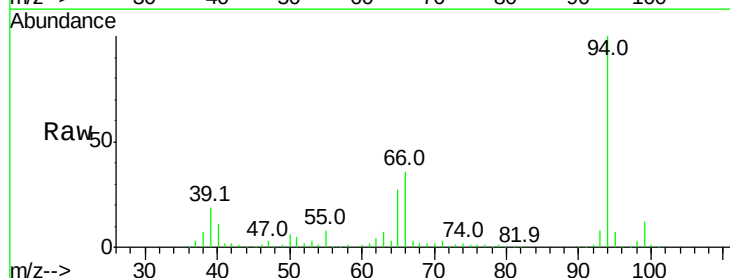
Instrument :
BNA_F
ClientSampleId :

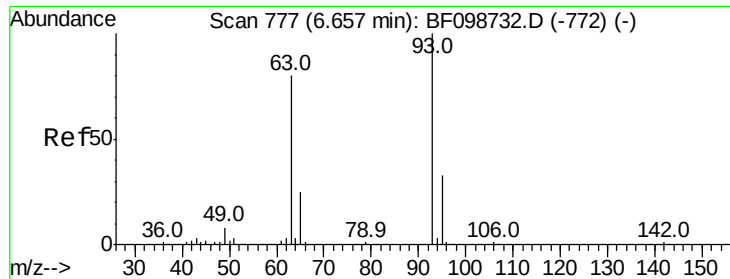
Tot Ion	Ratio	Lower	Upper
77	100		
105	105.0	81.1	121.1
106	101.9	74.5	114.5



#10
Phenol
Concen: 41.602 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.5	7.9	47.9
66	36.1	16.2	56.2

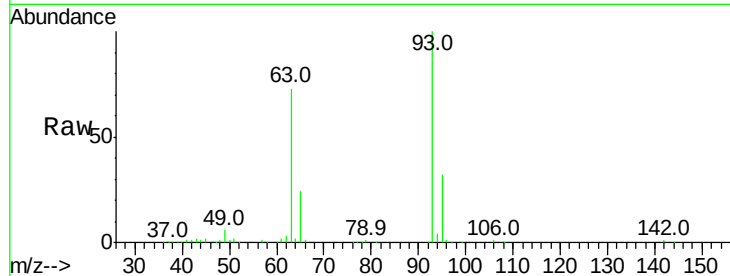




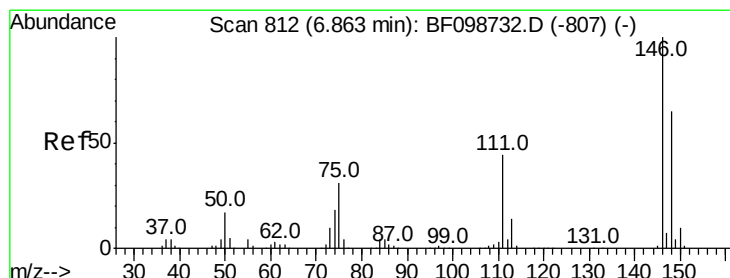
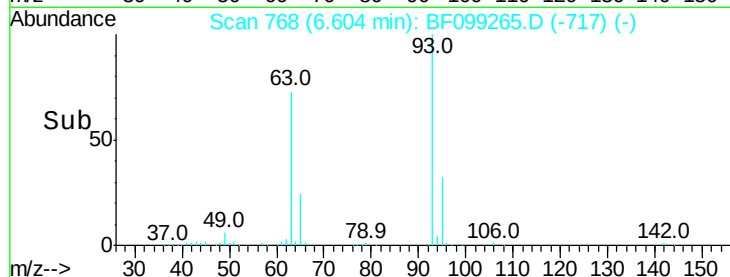
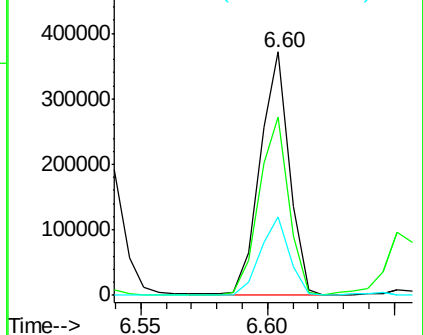
#11
bis(2-Chloroethyl)ether
Concen: 39.325 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 295780
Ion Ratio Lower Upper
93 100
63 73.2 58.6 98.6
95 32.4 11.8 51.8

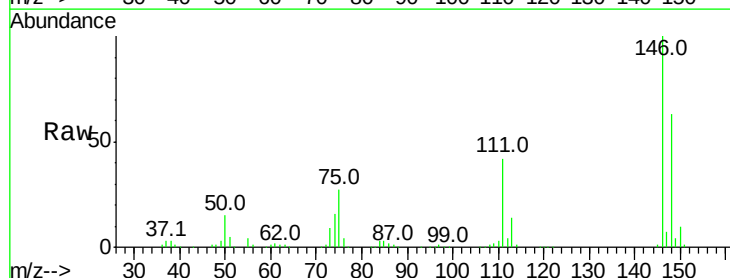


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

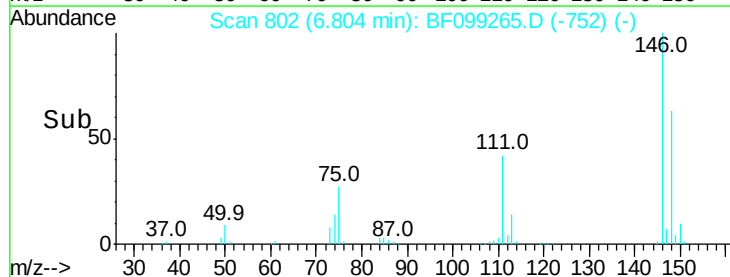
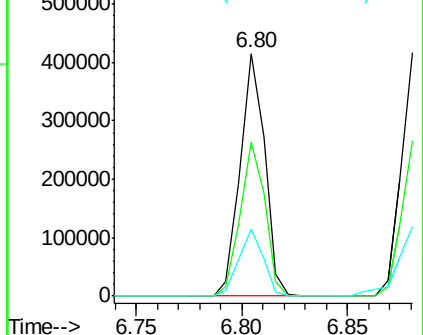


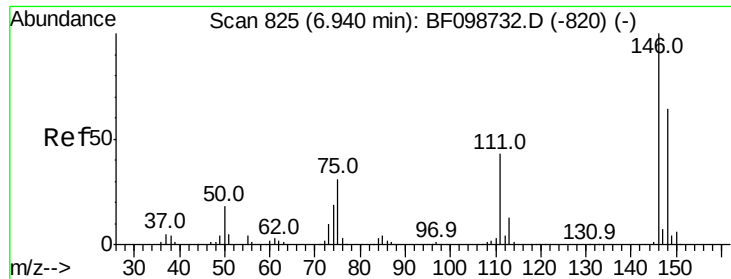
#12
1,3-Dichlorobenzene
Concen: 40.214 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion: 146 Resp: 334463
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.8
75 27.3 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

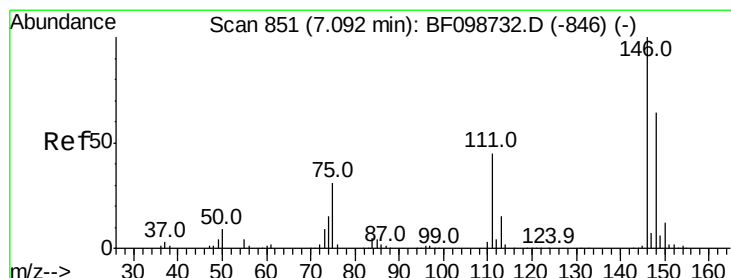
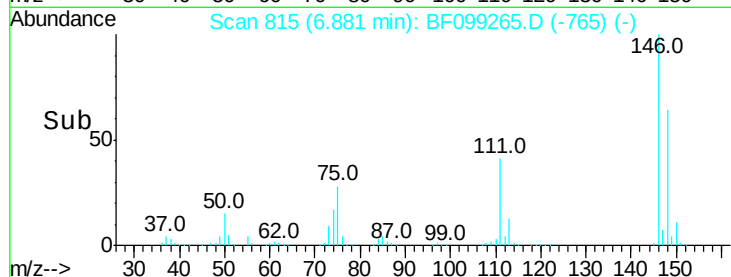
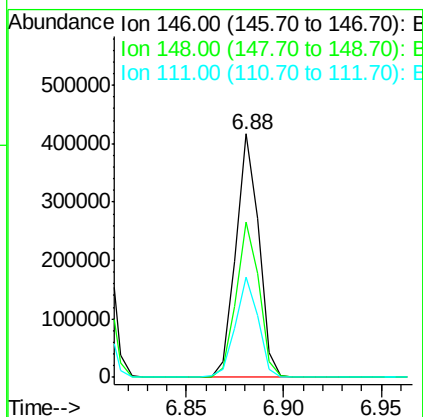
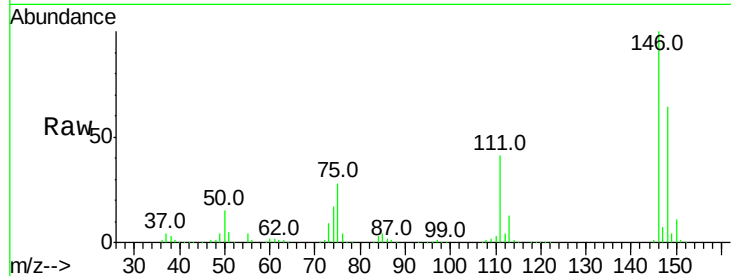




#13
 1,4-Dichlorobenzene
 Concen: 40.095 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

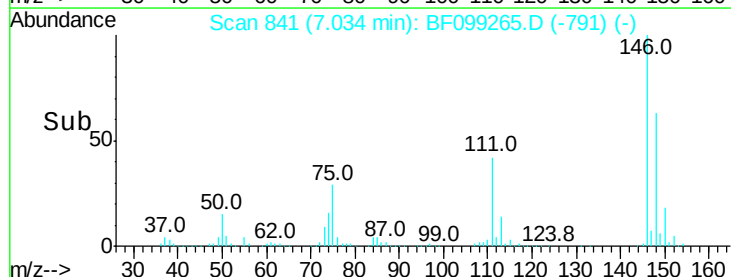
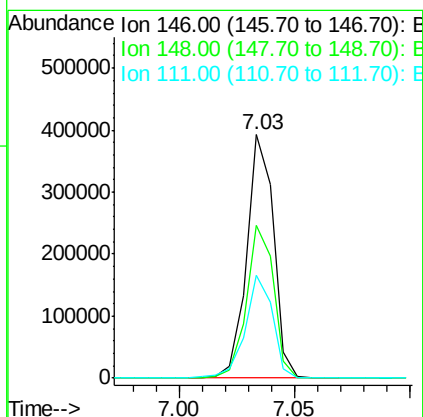
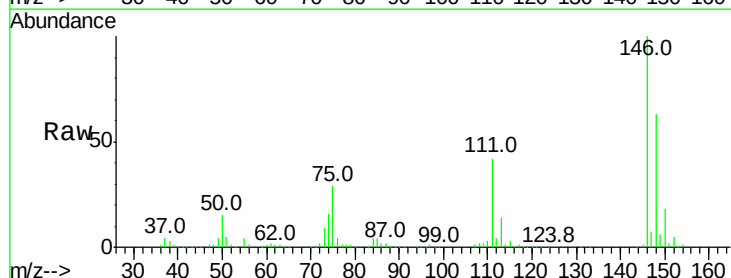
Instrument :
 BNA_F
 ClientSampleId :

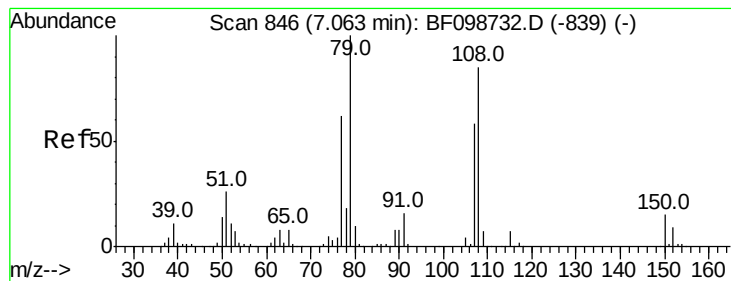
Tot Ion:146 Resp: 339284
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 41.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.869 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion:146 Resp: 319551
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.6 75.8
 111 42.1 36.0 54.0





#15

Benzyl Alcohol

Concen: 40.238 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Instrument :

BNA_F

ClientSampled :

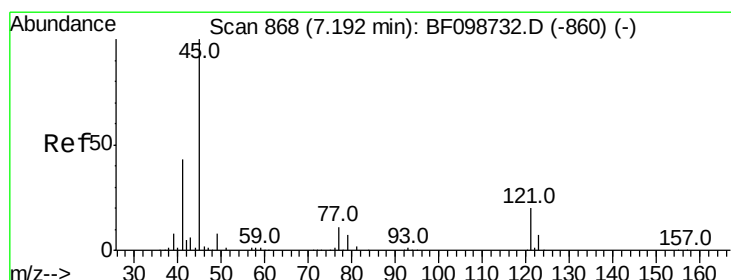
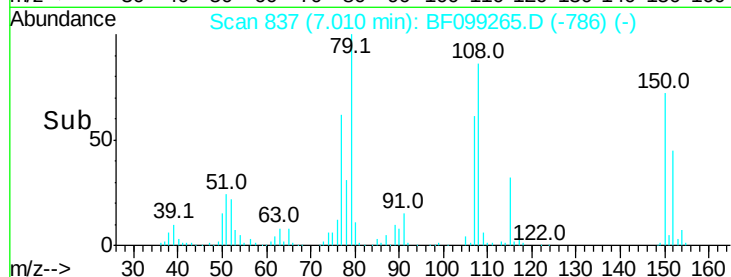
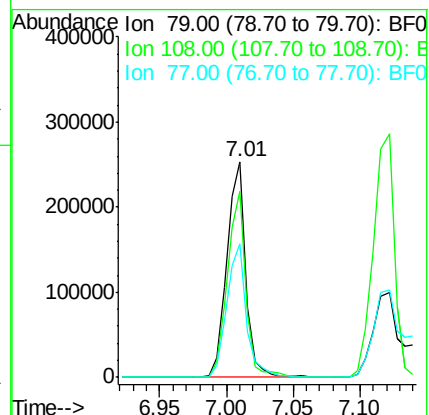
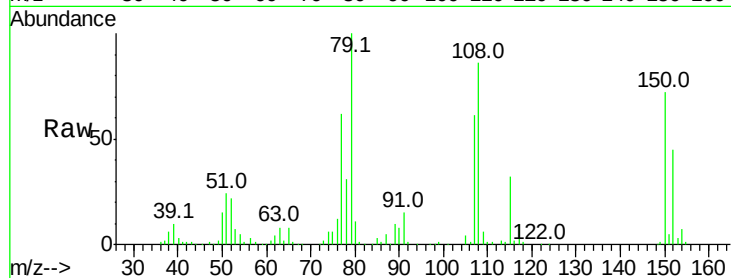
Tot Ion: 79 Resp: 255365

Ion Ratio Lower Upper

79 100

108 86.2 65.1 97.7

77 61.8 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.847 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

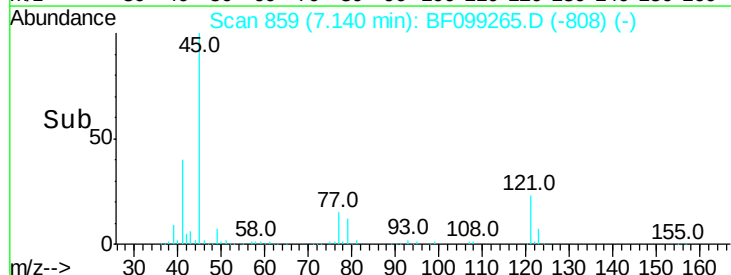
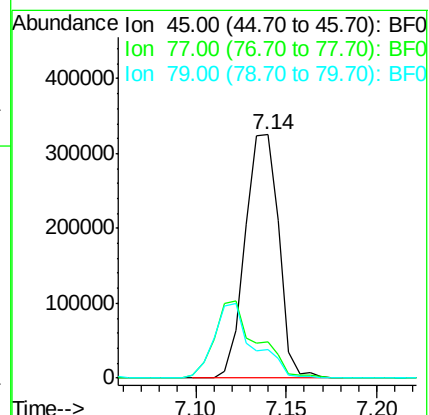
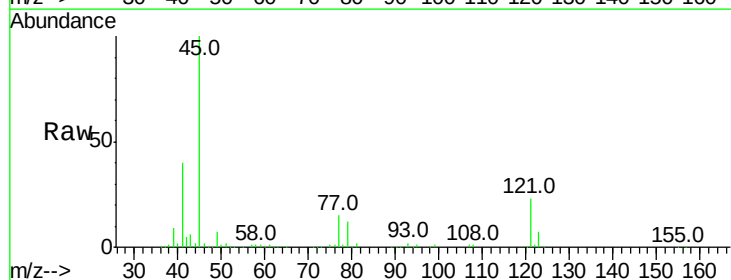
Tgt Ion: 45 Resp: 420071

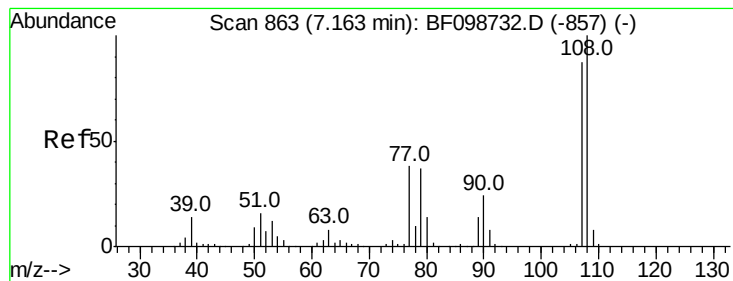
Ion Ratio Lower Upper

45 100

77 14.7 0.0 32.9

79 11.5 0.0 29.6





#17

2-Methylphenol

Concen: 41.477 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 269517

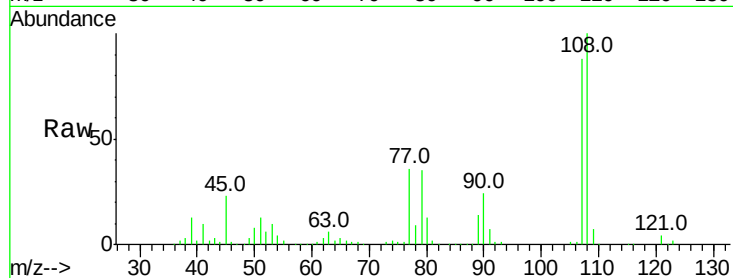
Ion Ratio Lower Upper

107 100

108 113.3 91.7 137.5

77 40.6 33.8 50.8

79 39.7 33.8 50.8

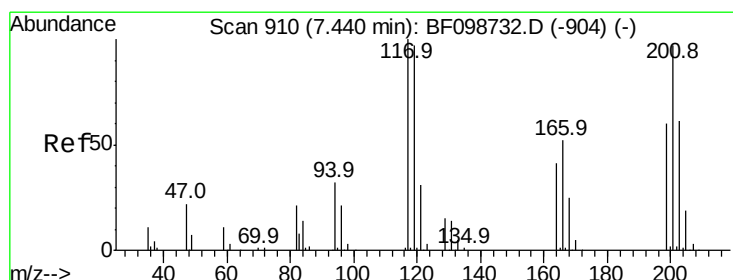
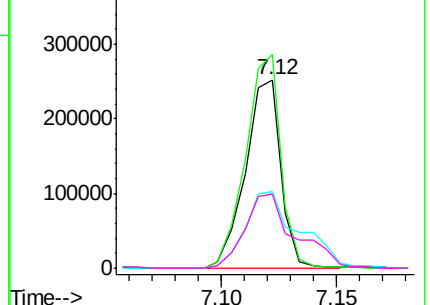
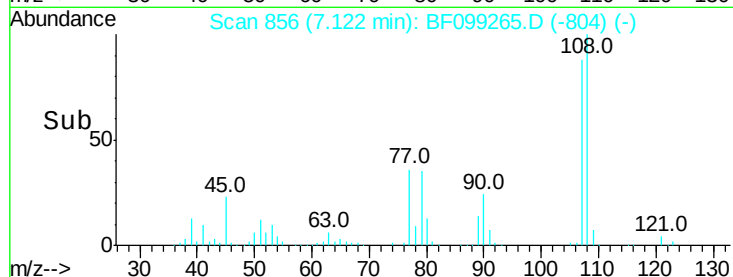


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.204 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

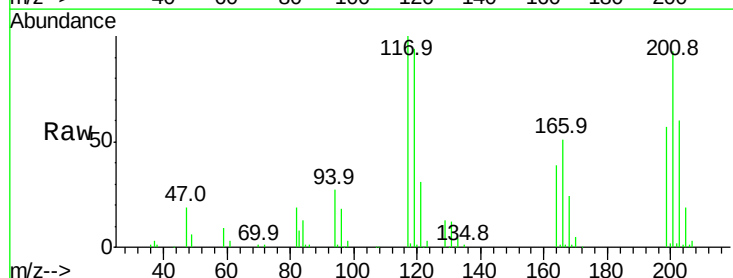
Tgt Ion:117 Resp: 116201

Ion Ratio Lower Upper

117 100

119 93.7 75.8 113.8

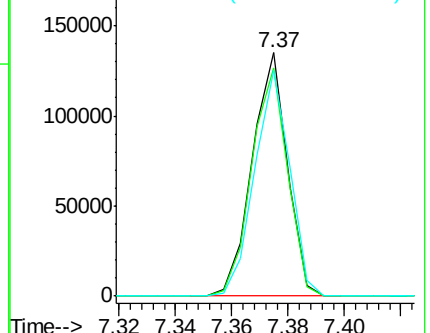
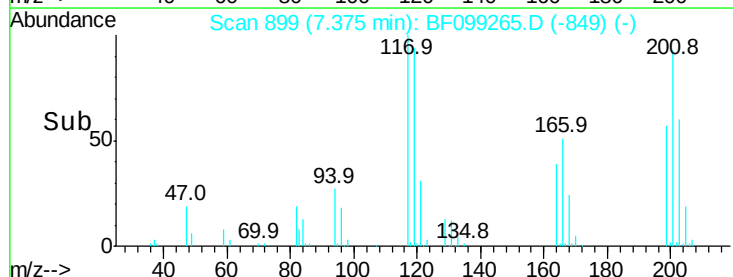
201 92.7 75.7 113.5

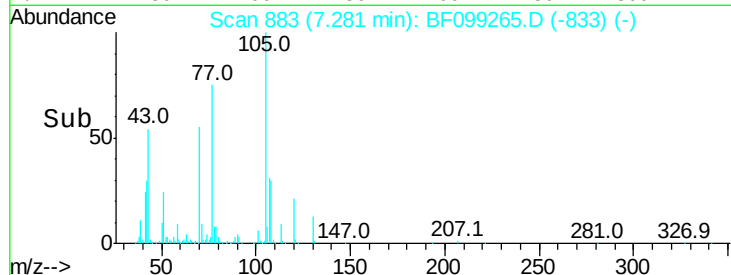
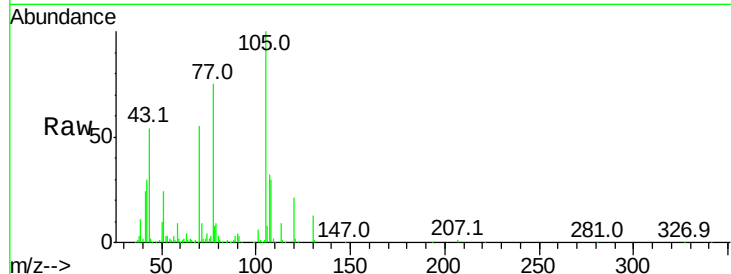
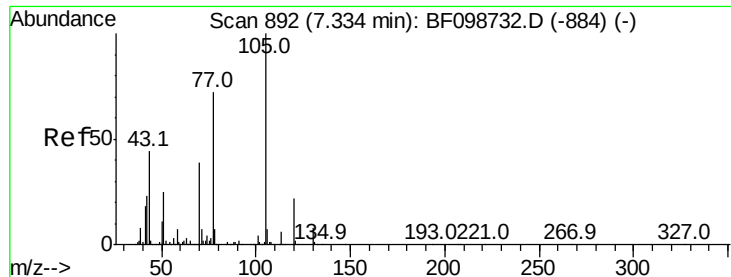


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

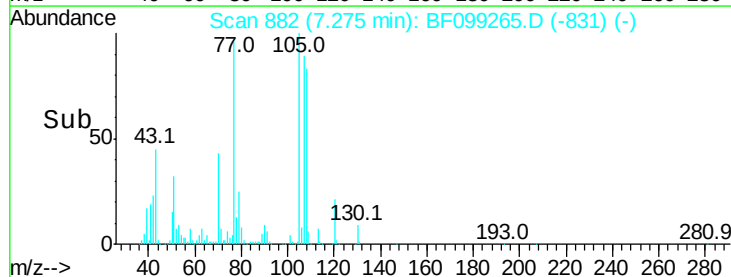
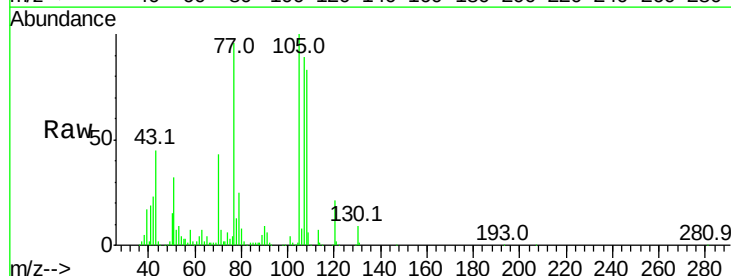
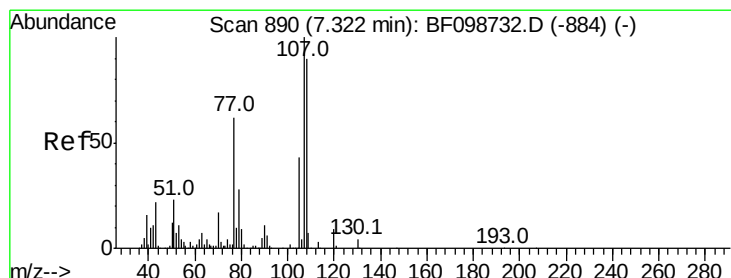
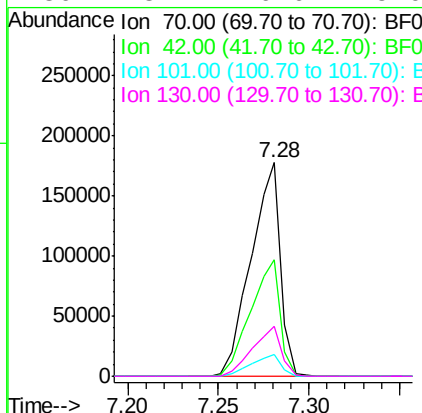




#19
n-Nitroso-di-n-propylamine
Concen: 36.333 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

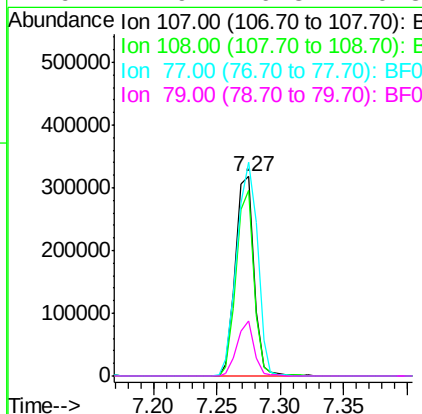
Instrument :
BNA_F
ClientSampleId :

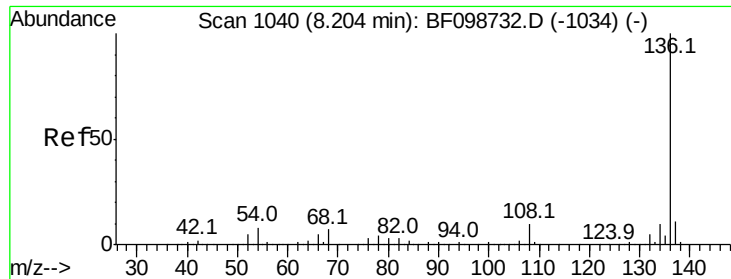
Tot Ion:	70	Resp:	200677
Ion	Ratio	Lower	Upper
70	100		
42	54.3	47.5	71.3
101	10.3	7.4	11.2
130	23.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.150 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion:	107	Resp:	321829
Ion	Ratio	Lower	Upper
107	100		
108	93.2	68.2	108.2
77	107.2	26.7	66.7#
79	27.9	6.3	46.3

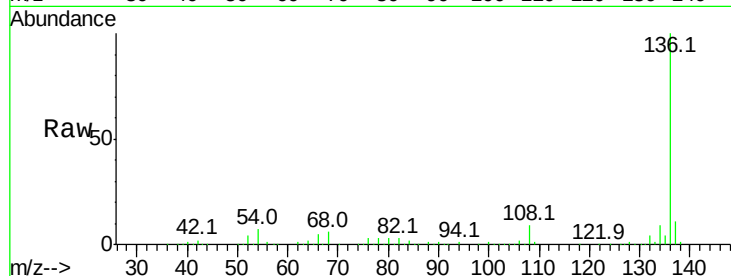




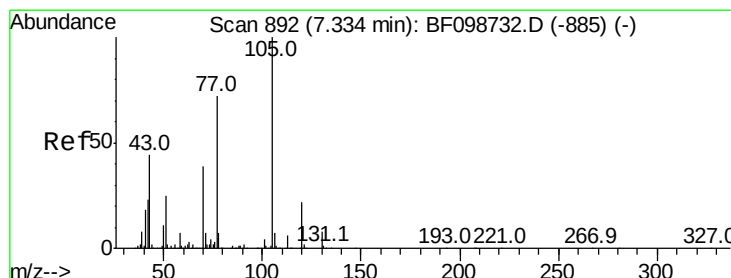
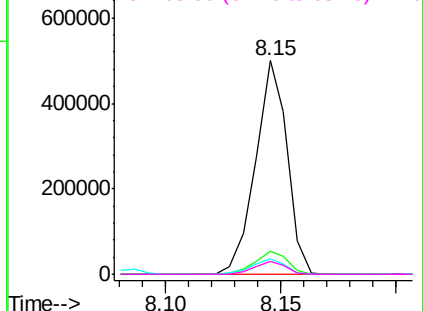
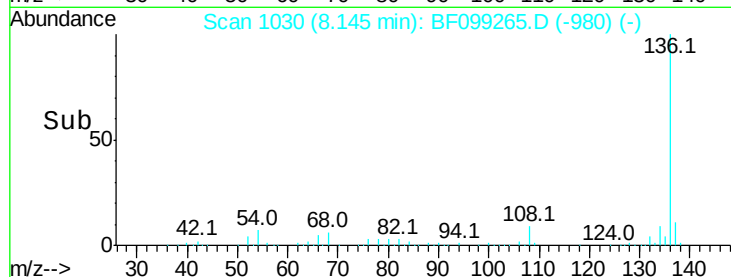
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	476219
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	7.3	6.6 9.8
68	5.9	5.0 7.4

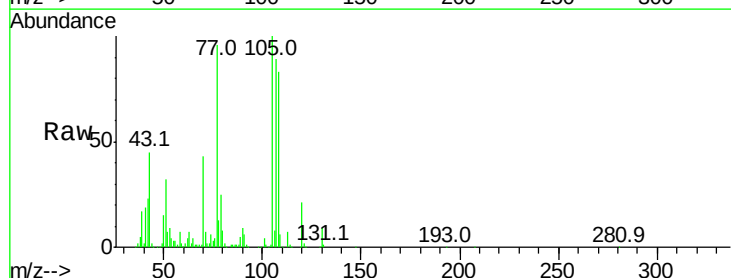


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

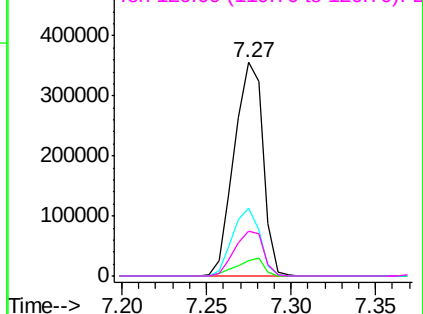
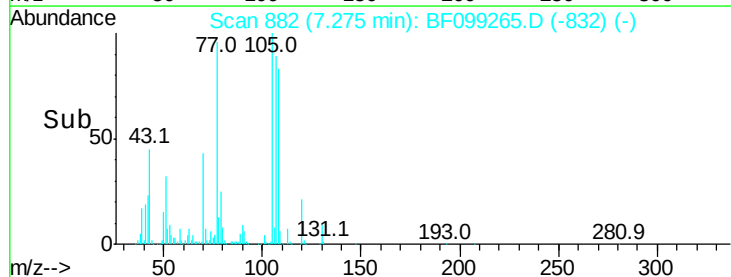


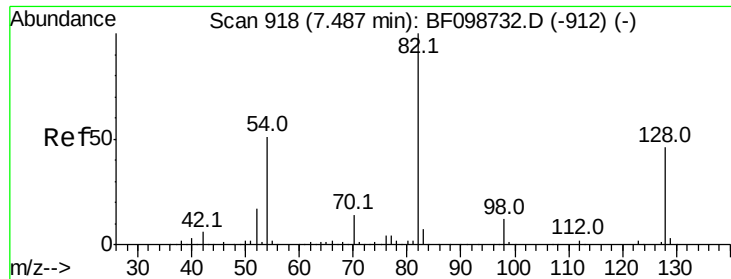
#22
Acetophenone
Concen: 36.610 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion:105	Resp:	422405
Ion Ratio	Lower	Upper
105	100	
71	7.3	4.4 6.6#
51	31.6	22.3 33.5
120	20.8	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

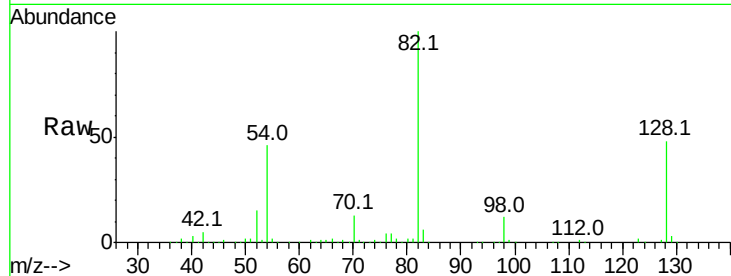




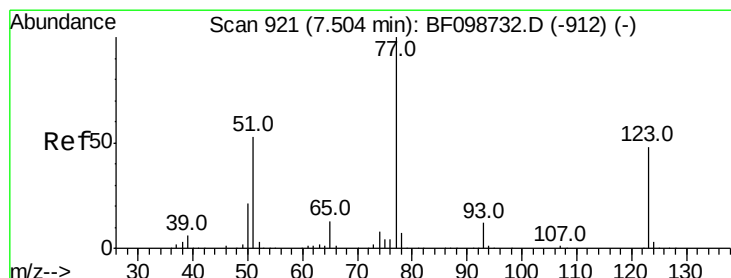
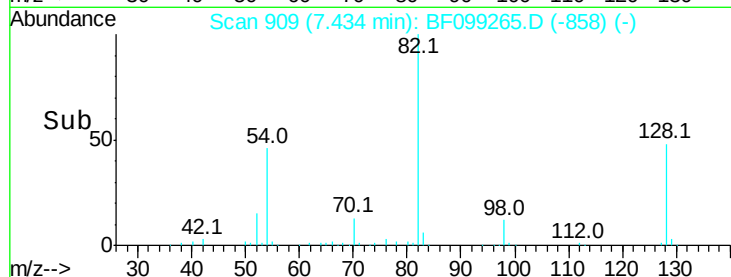
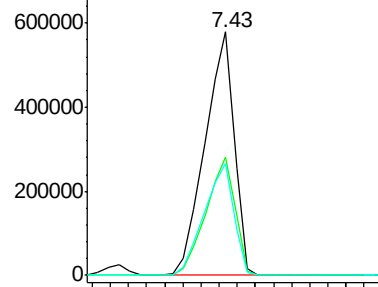
#23
 Nitrobenzene-d5
 Concen: 87.250 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 647902
 Ion Ratio Lower Upper
 82 100
 128 48.5 36.1 54.1
 54 46.0 41.4 62.2

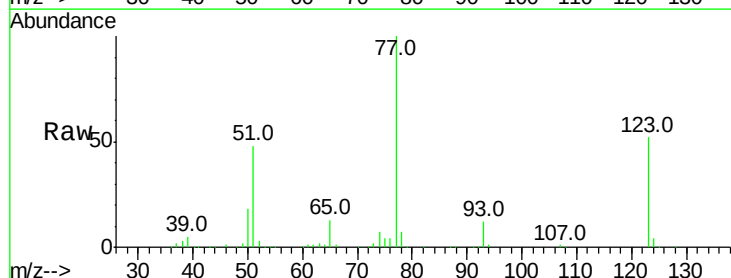


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

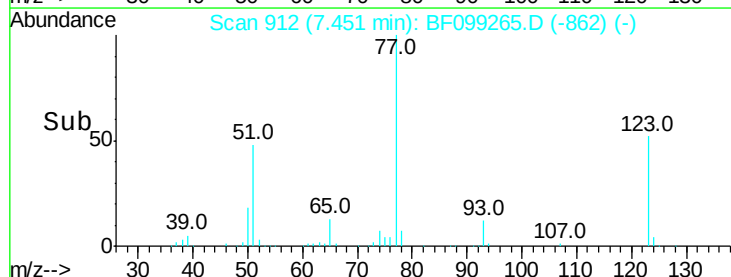
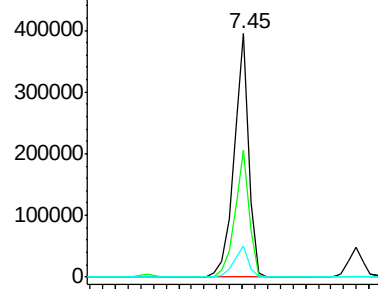


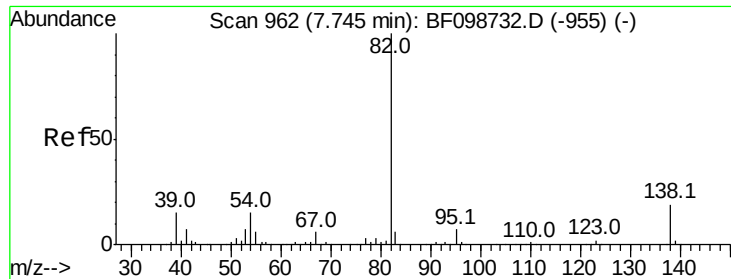
#24
 Nitrobenzene
 Concen: 38.338 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion: 77 Resp: 322947
 Ion Ratio Lower Upper
 77 100
 123 52.1 37.9 56.9
 65 12.9 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.009 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Instrument :

BNA_F

ClientSampleId :

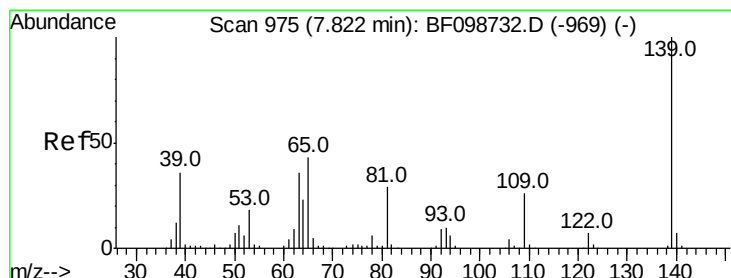
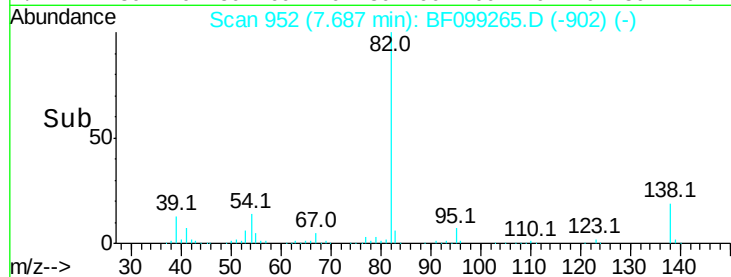
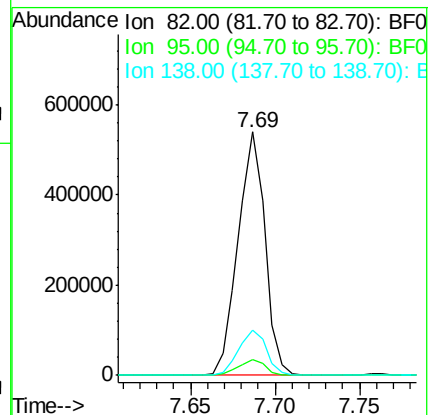
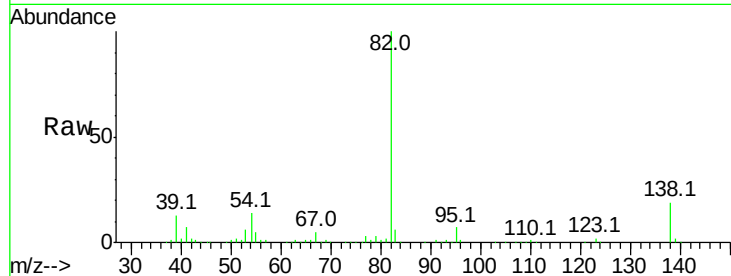
Tot Ion: 82 Resp: 598902

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 18.7 14.9 22.3



#26

2-Nitrophenol

Concen: 45.386 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

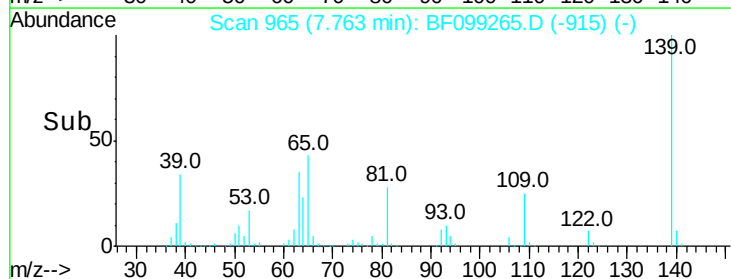
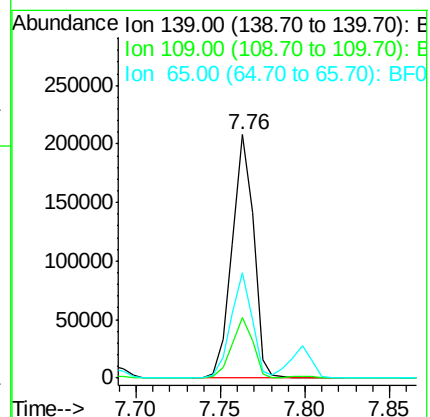
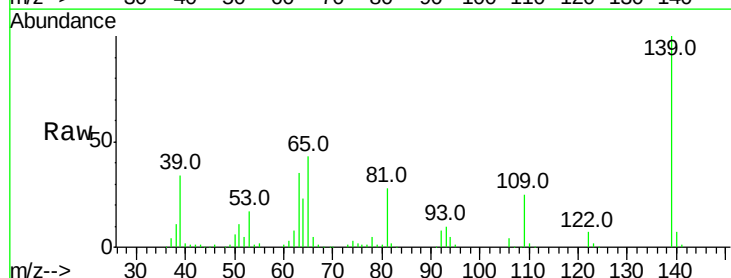
Tgt Ion: 139 Resp: 183848

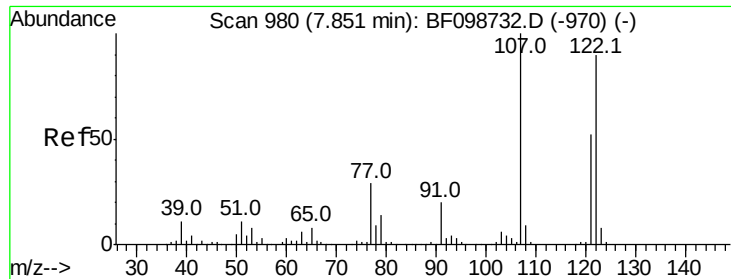
Ion Ratio Lower Upper

139 100

109 25.1 22.7 34.1

65 43.3 40.5 60.7

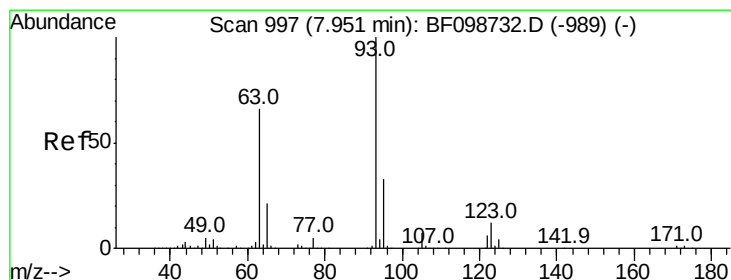
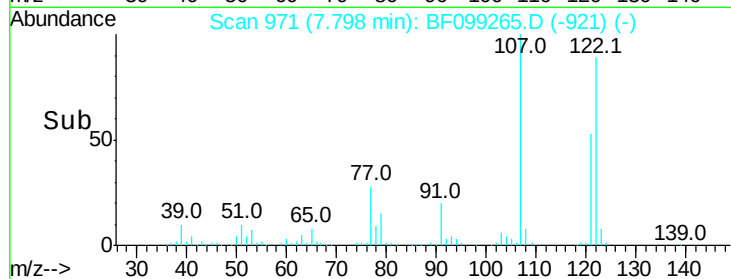
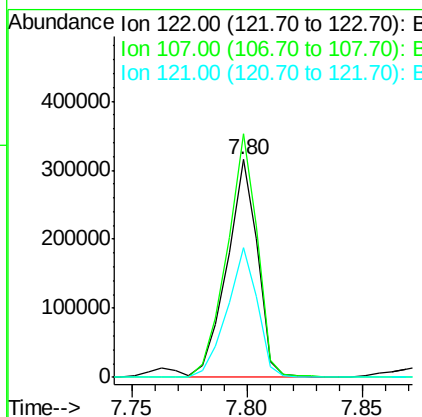
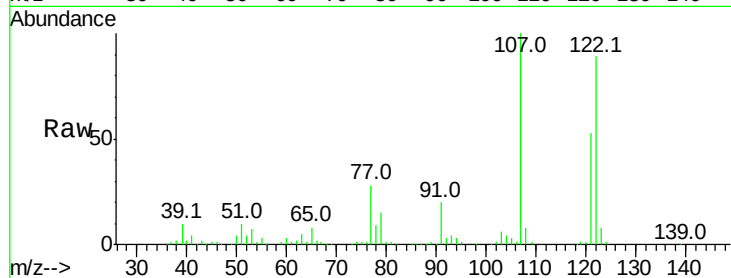




#27
 2,4-Dimethylphenol
 Concen: 37.958 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

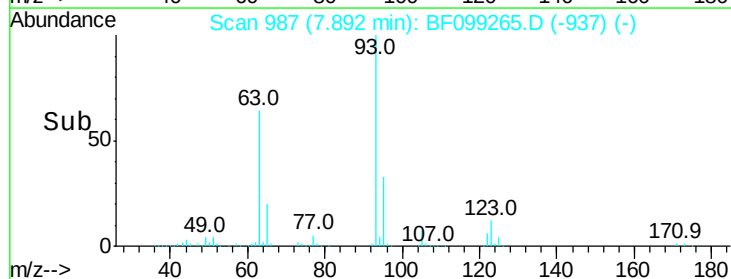
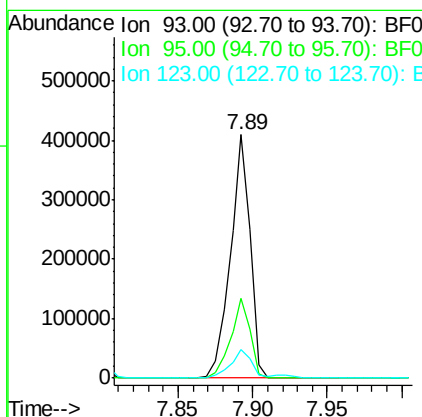
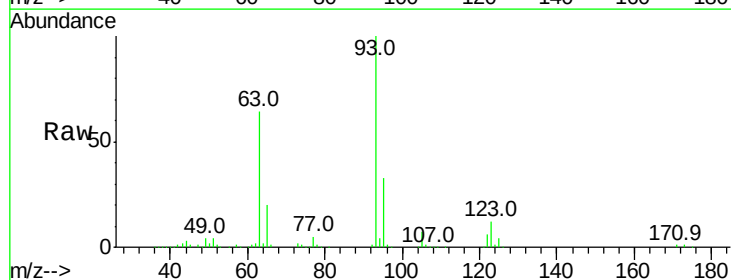
Instrument :
 BNA_F
 ClientSampled :

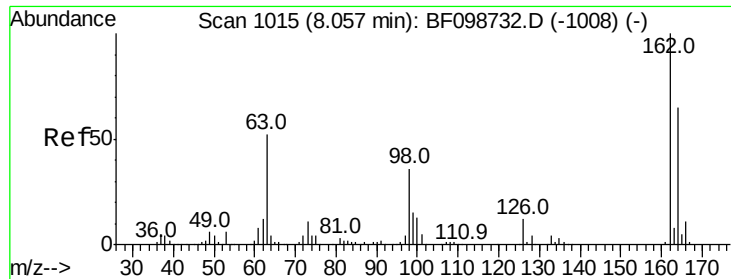
Tot Ion:122 Resp: 290370
 Ion Ratio Lower Upper
 122 100
 107 112.0 91.2 136.8
 121 59.7 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.875 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion: 93 Resp: 381513
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 11.7 9.8 14.6

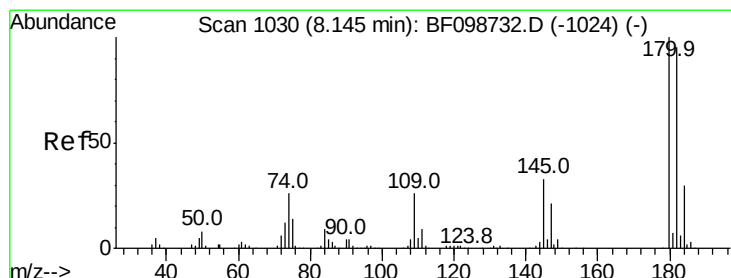
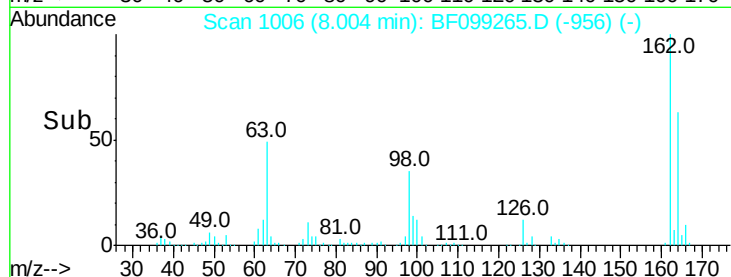
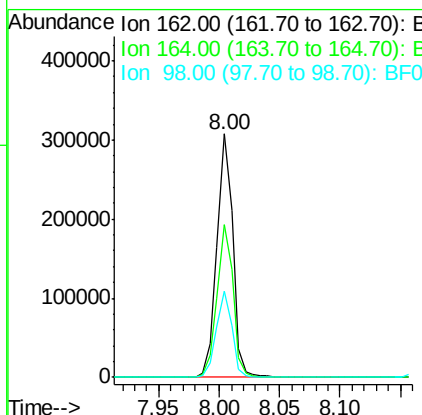
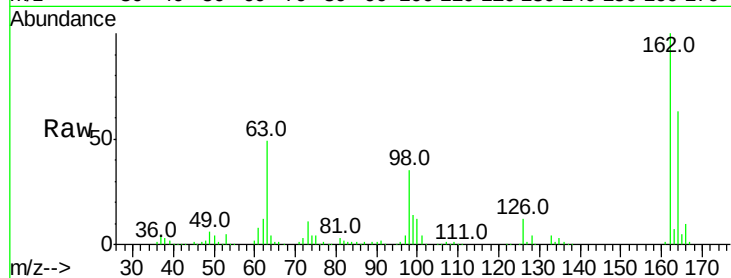




#29
 2,4-Dichlorophenol
 Concen: 42.359 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

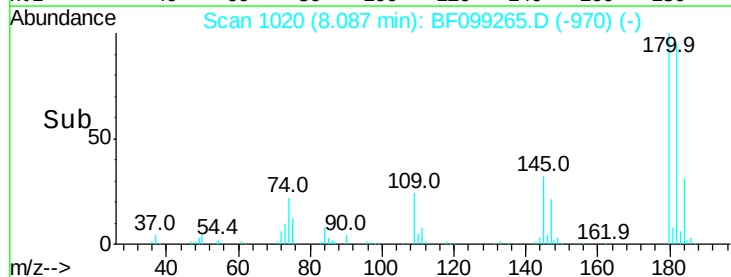
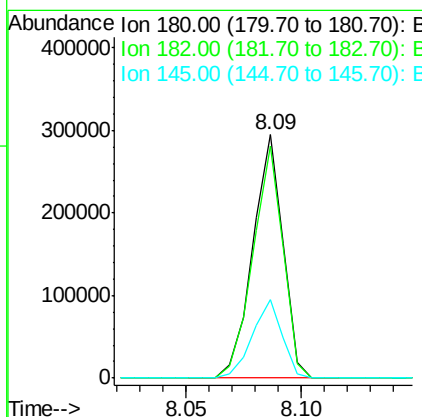
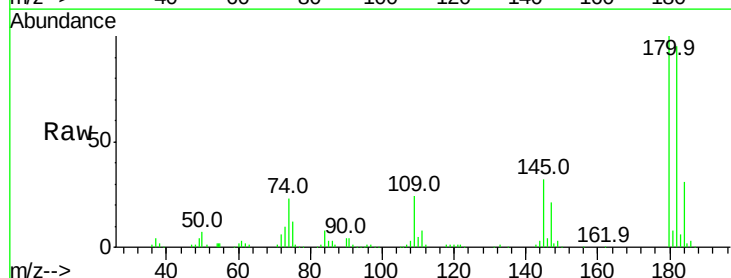
Instrument :
 BNA_F
 ClientSampled :

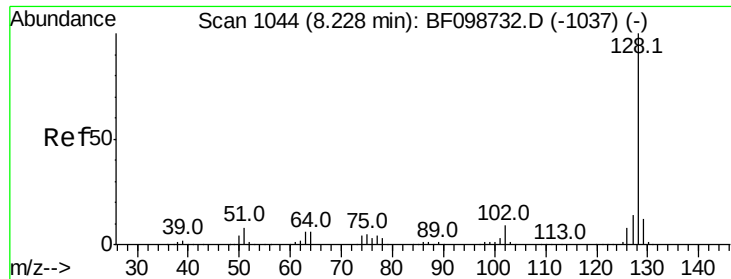
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	42.7	82.7
98	35.4	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.977 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.8	115.2
145	32.4	26.5	39.7

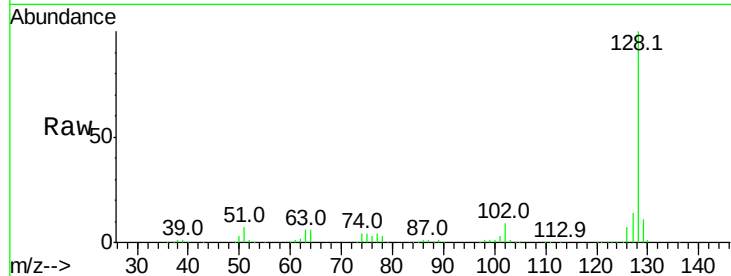




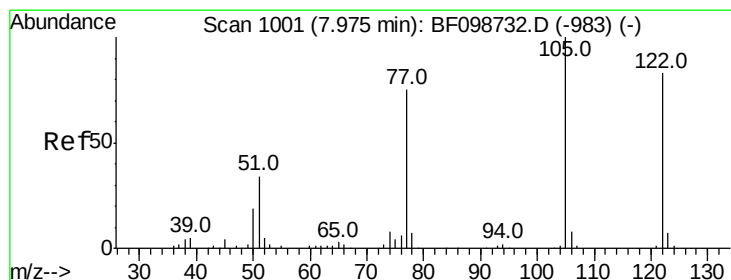
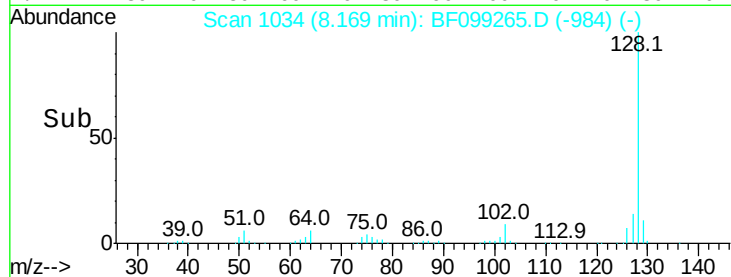
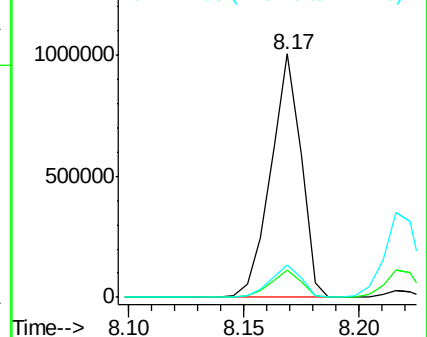
#31
Naphthalene
Concen: 40.926 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 915350
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.6 10.9 16.3

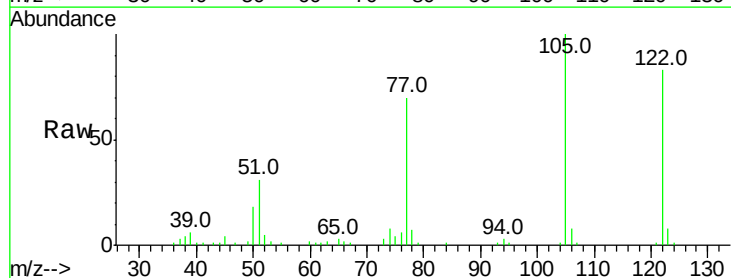


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

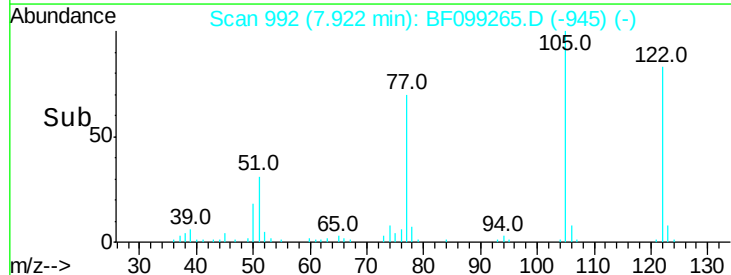
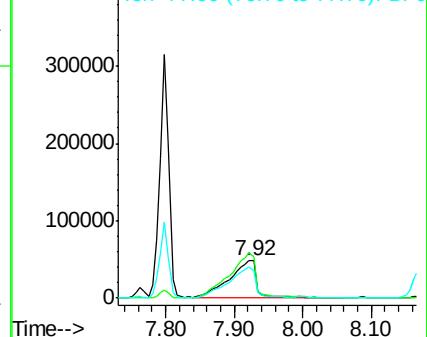


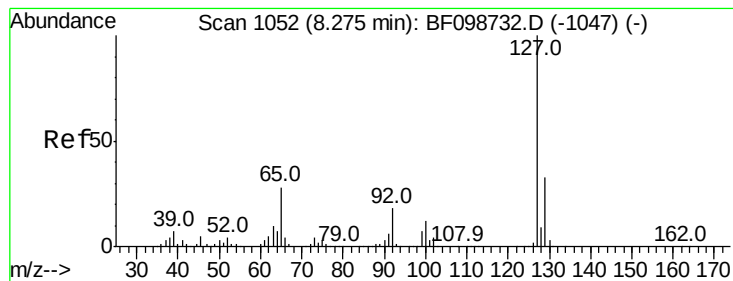
#32
Benzoic acid
Concen: 21.239 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion:122 Resp: 133462
Ion Ratio Lower Upper
122 100
105 120.1 101.1 141.1
77 83.5 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 37.755 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 352637

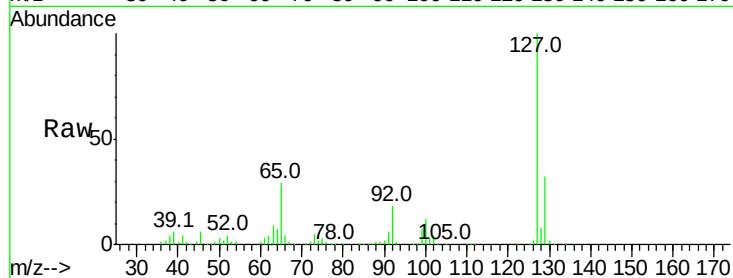
Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 28.7 25.0 37.4

92 18.2 15.2 22.8

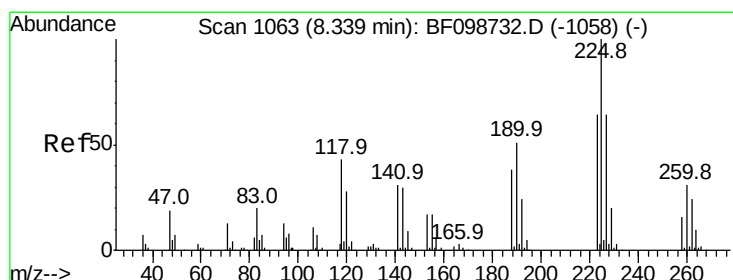
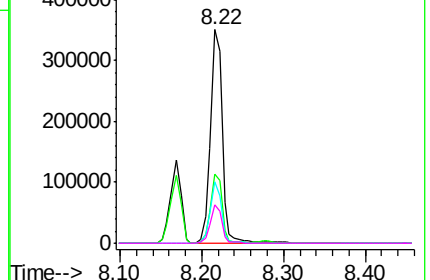
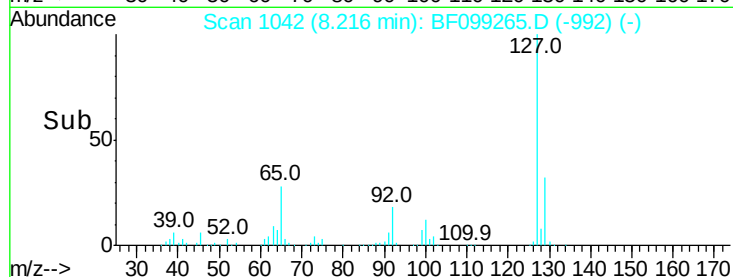


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.947 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

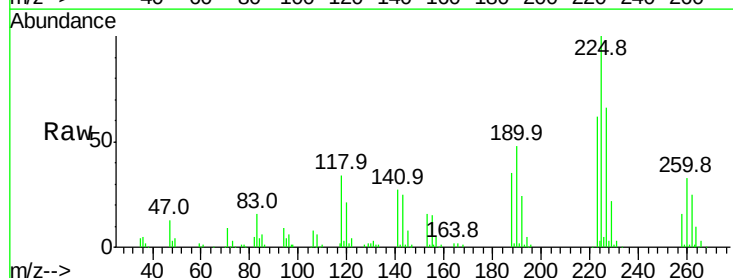
Tgt Ion:225 Resp: 128395

Ion Ratio Lower Upper

225 100

223 61.9 50.6 76.0

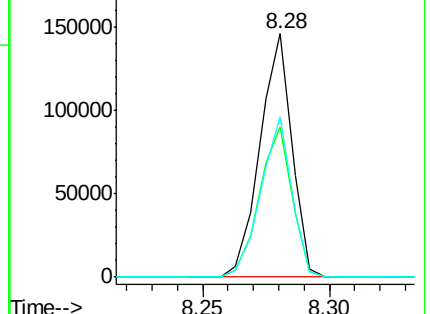
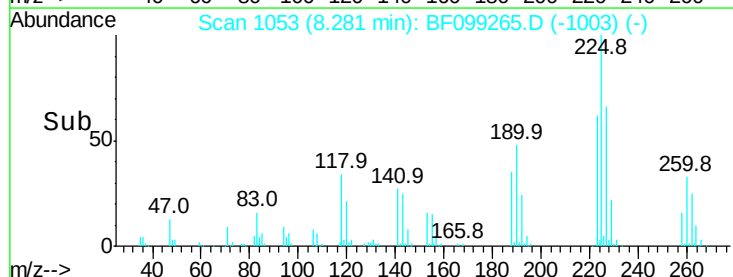
227 65.8 51.9 77.9

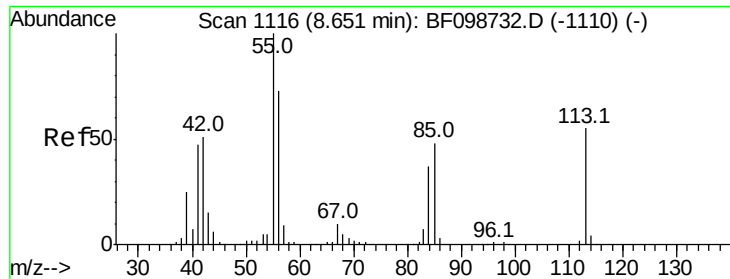


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 19.473 ng

RT: 8.63 min Scan# 1113

Delta R.T. 0.02 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Instrument :

BNA_F

ClientSampled :

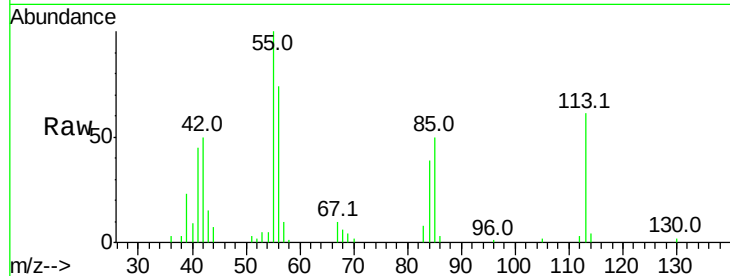
Tot Ion:113 Resp: 41026

Ion Ratio Lower Upper

113 100

55 164.6 163.3 203.3

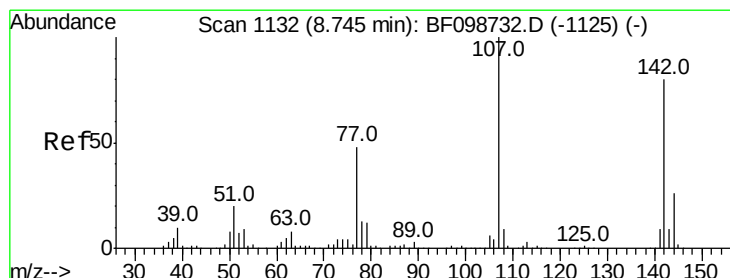
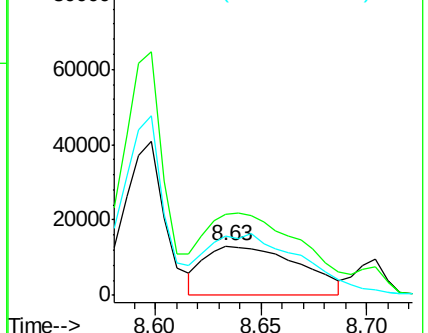
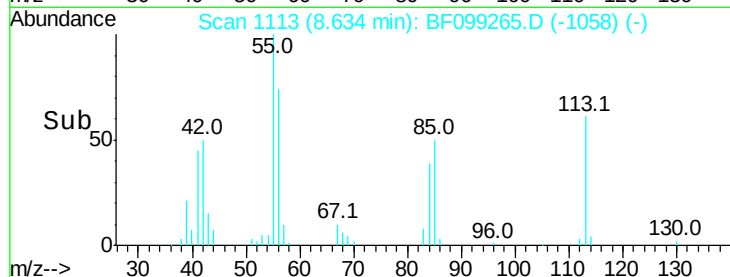
56 121.5 115.7 155.7



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: 40.248 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

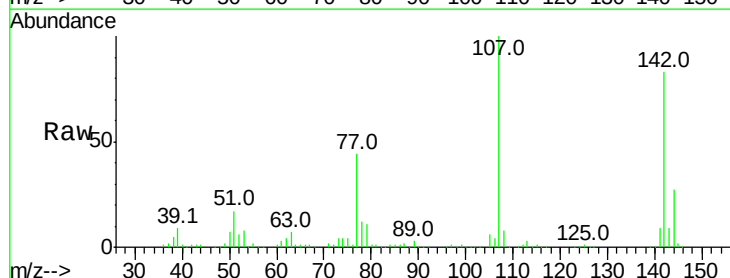
Tgt Ion:107 Resp: 297122

Ion Ratio Lower Upper

107 100

144 26.8 20.5 30.7

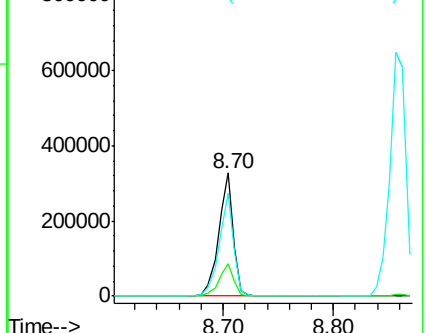
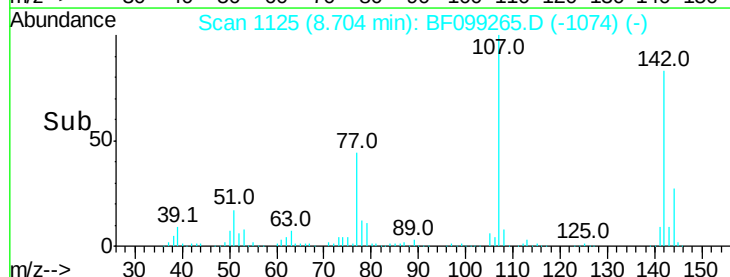
142 83.2 62.0 93.0

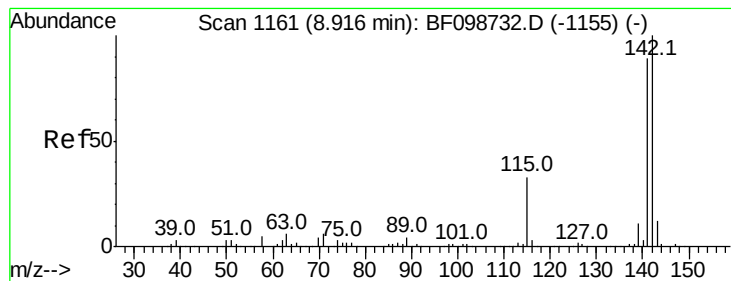


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.953 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Instrument :

BNA_F

ClientSampleId :

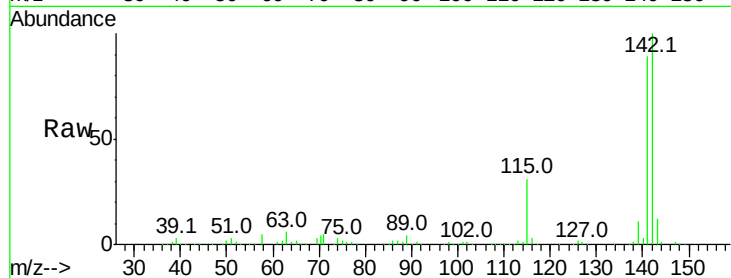
Tot Ion:142 Resp: 639070

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2

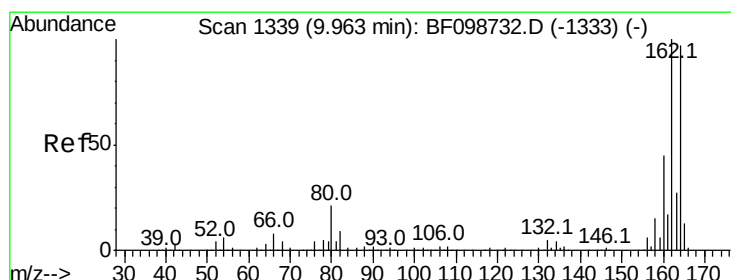
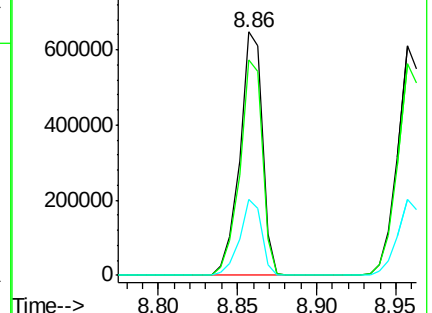
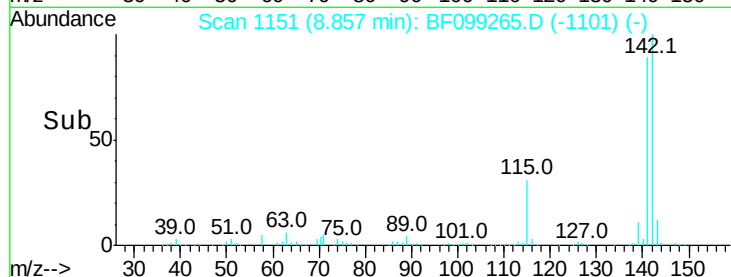
115 31.1 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

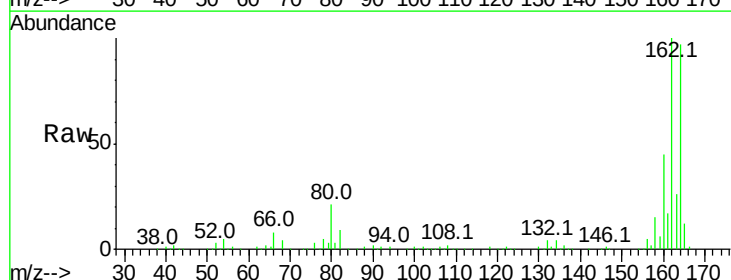
Tgt Ion:164 Resp: 224648

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

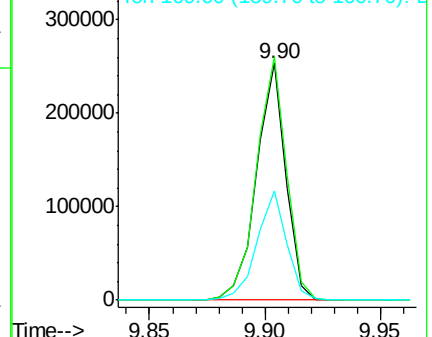
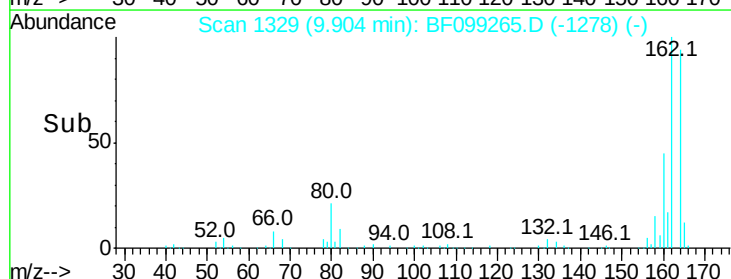
160 45.8 38.3 57.5

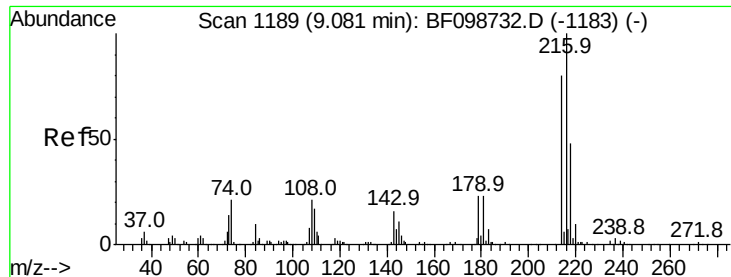


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

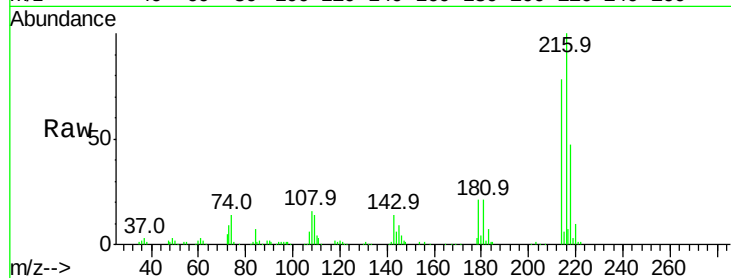




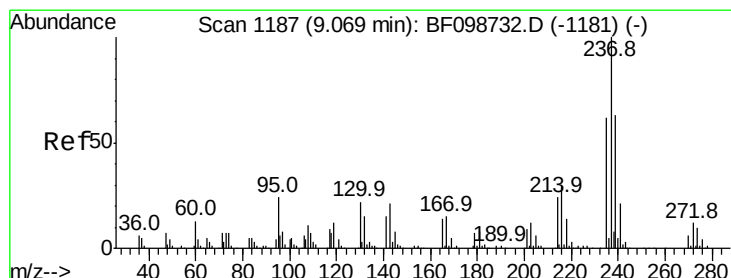
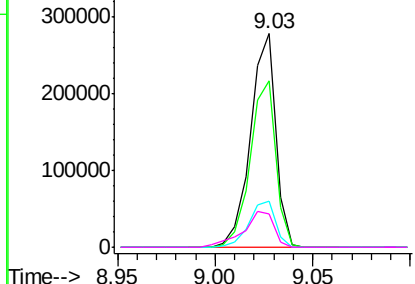
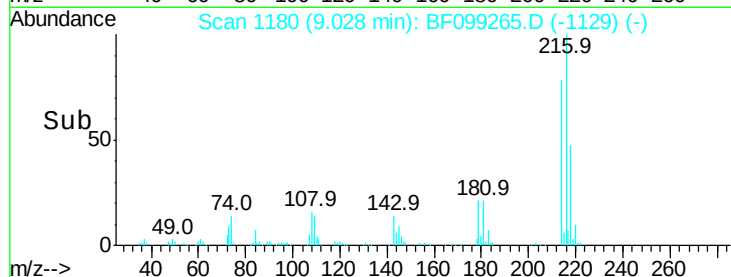
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.252 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	249574
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	22.6	18.1	27.1
108	20.4	17.2	25.8

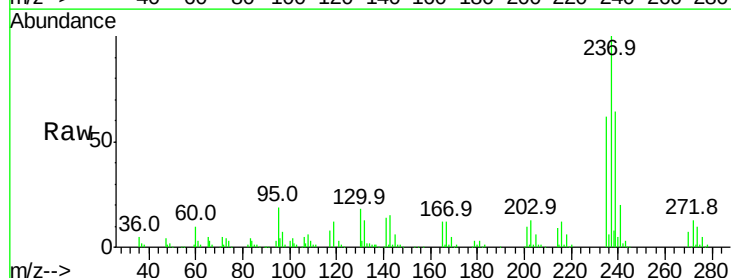


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

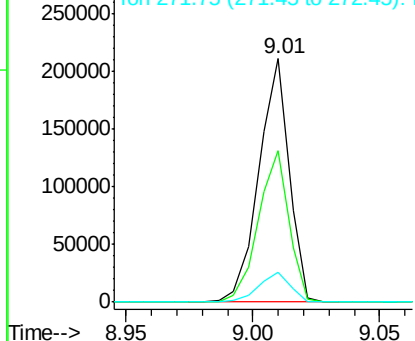
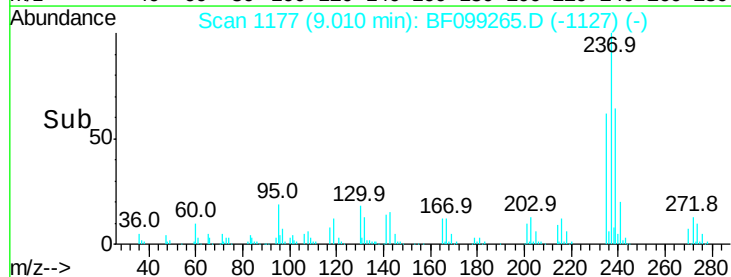


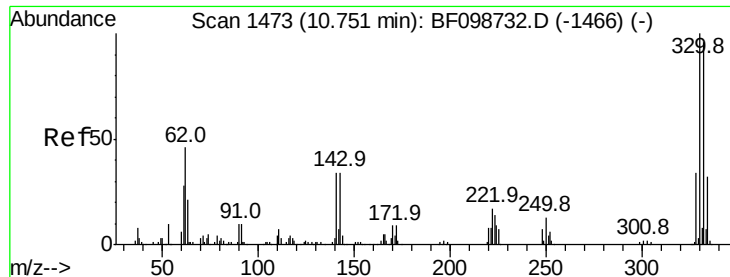
#40
 Hexachlorocyclopentadiene
 Concen: 57.768 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion:	237	Resp:	176869
Ion	Ratio	Lower	Upper
237	100		
235	62.0	44.8	84.8
272	12.5	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

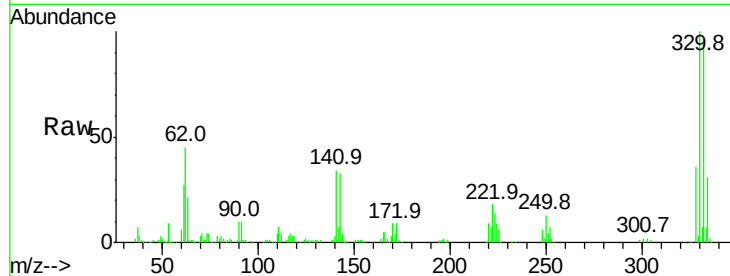




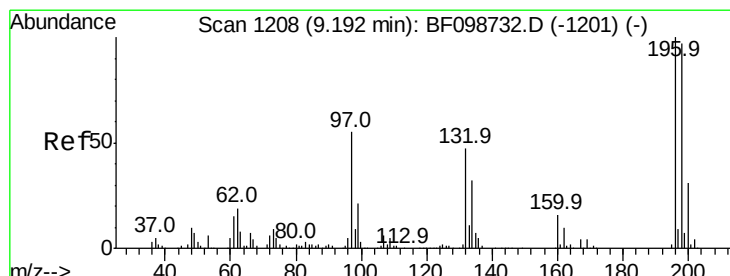
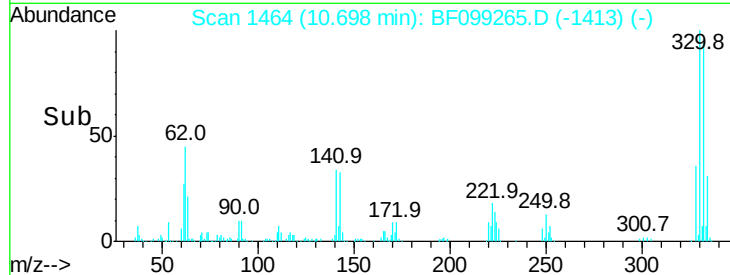
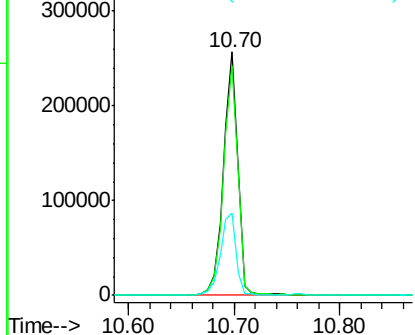
#41
 2,4,6-Tribromophenol
 Concen: 133.624 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 245631
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 37.2 29.9 44.9

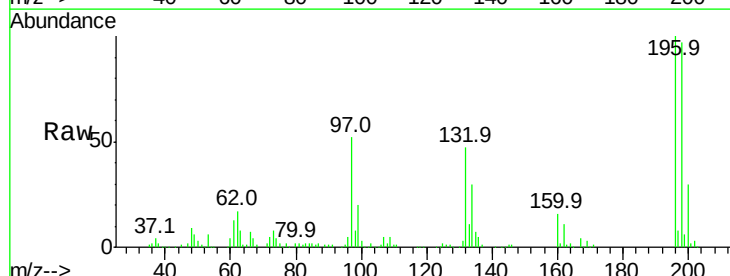


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

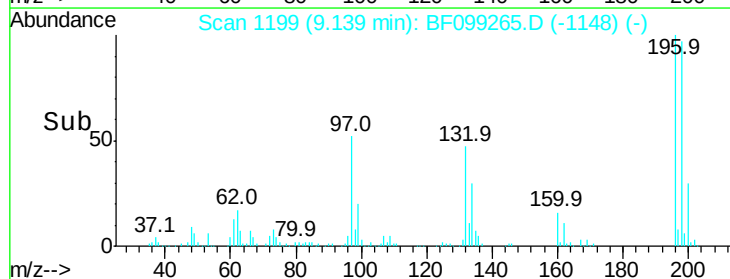
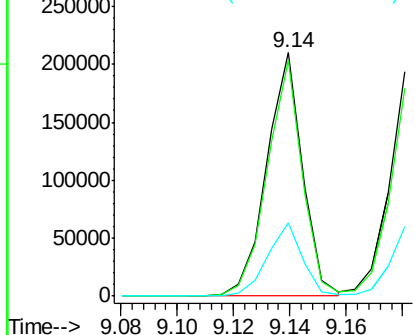


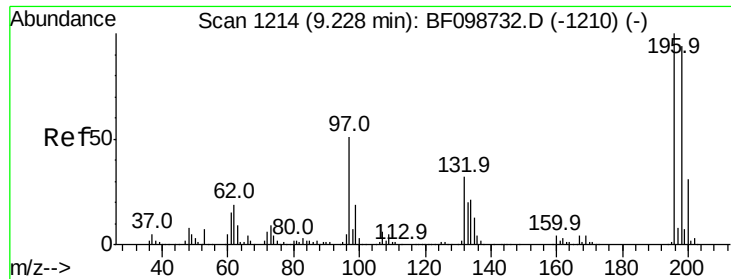
#42
 2,4,6-Trichlorophenol
 Concen: 38.792 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion:196 Resp: 184116
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.7 113.5
 200 30.4 24.5 36.7



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

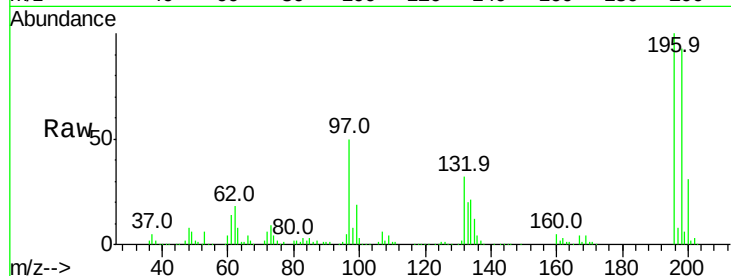




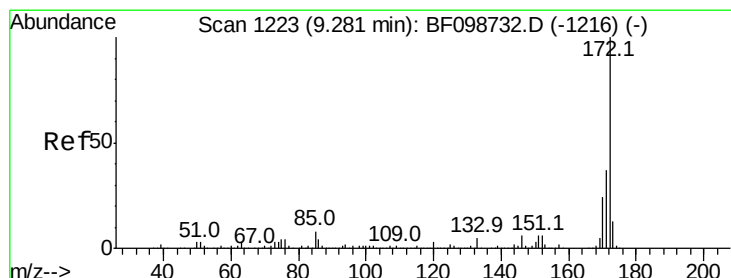
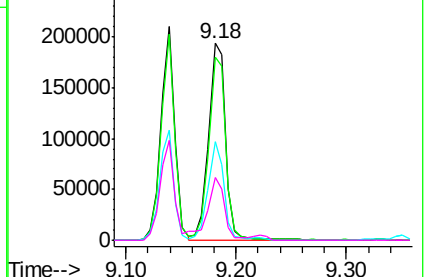
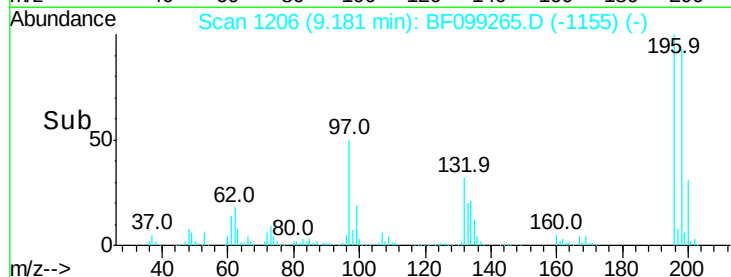
#43
 2,4,5-Trichlorophenol
 Concen: 42.101 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 199470
 Ion Ratio Lower Upper
 196 100
 198 92.8 74.6 112.0
 97 49.9 42.9 64.3
 132 31.7 26.3 39.5

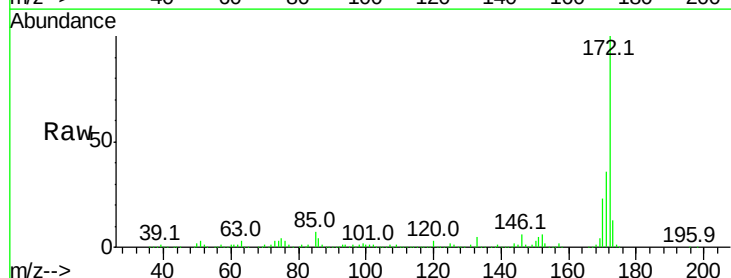


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

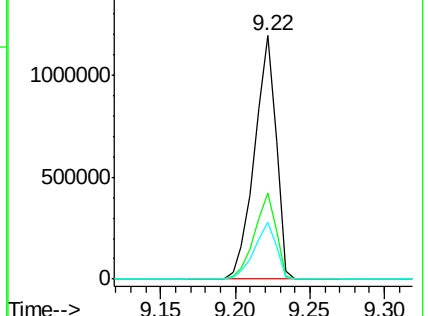
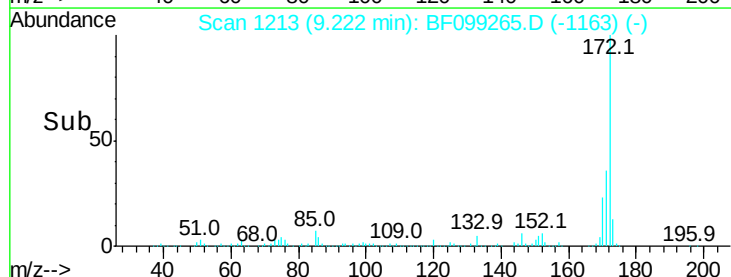


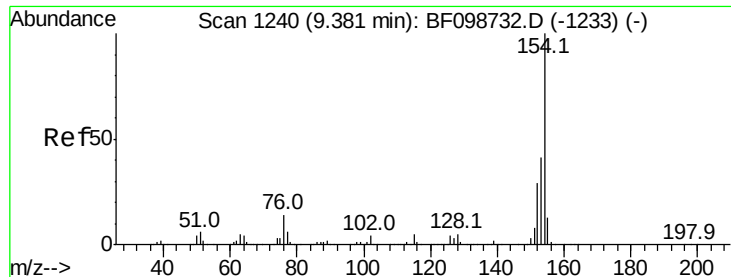
#44
 2-Fluorobiphenyl
 Concen: 87.949 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion:172 Resp: 1183504
 Ion Ratio Lower Upper
 172 100
 171 35.6 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: 38.673 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Instrument :

BNA_F

ClientSampled :

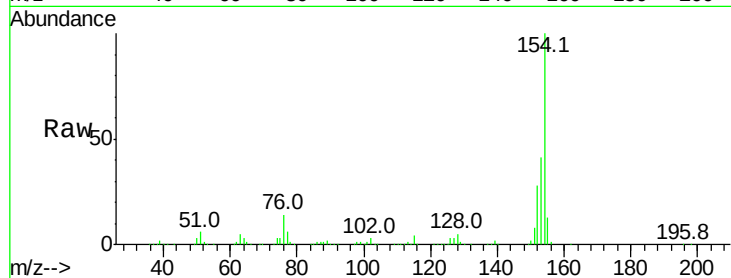
Tot Ion:154 Resp: 746659

Ion Ratio Lower Upper

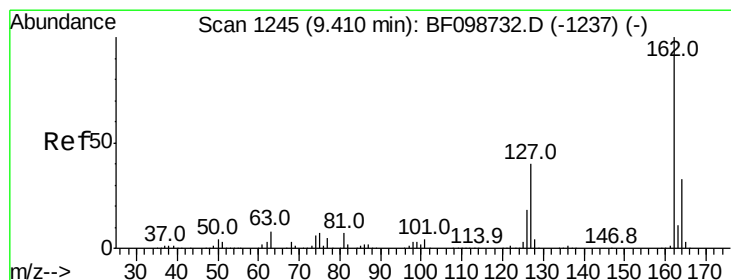
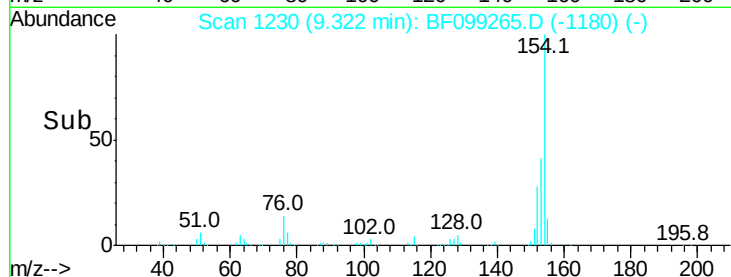
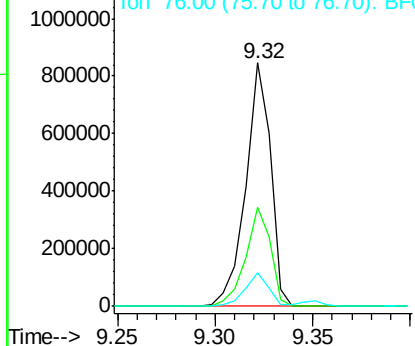
154 100

153 40.8 21.3 61.3

76 13.8 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: 40.780 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

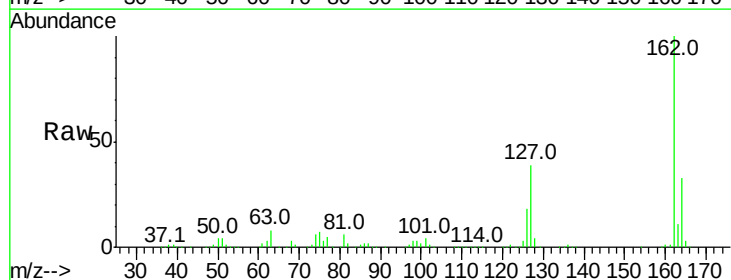
Tgt Ion:162 Resp: 591155

Ion Ratio Lower Upper

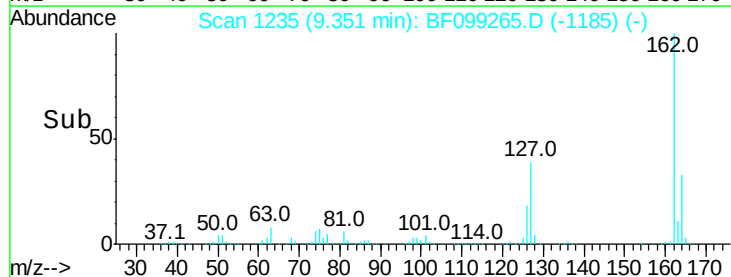
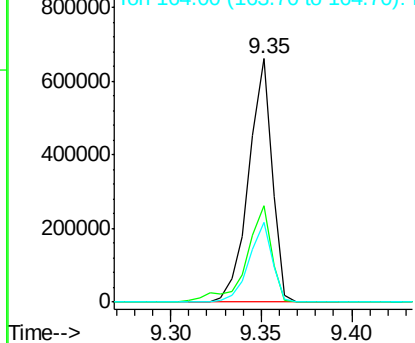
162 100

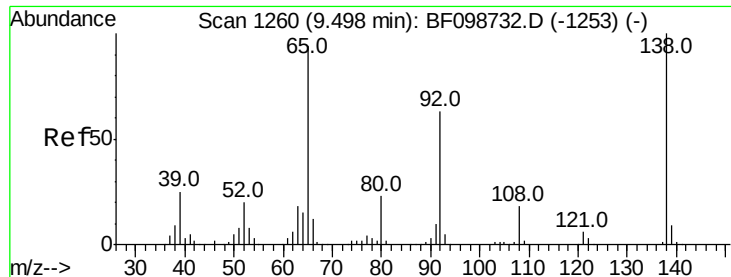
127 39.4 33.9 50.9

164 32.7 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

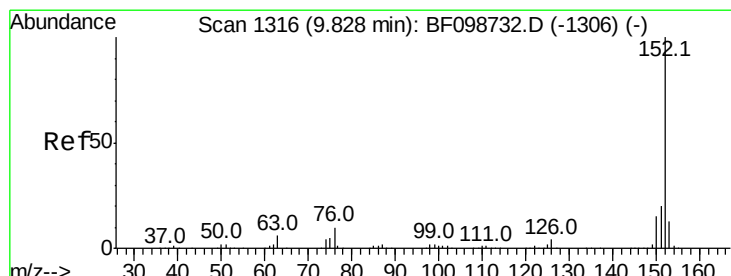
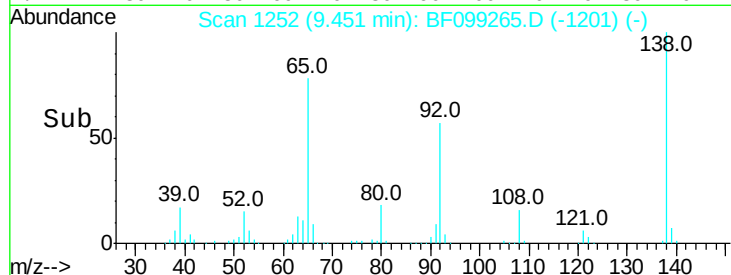
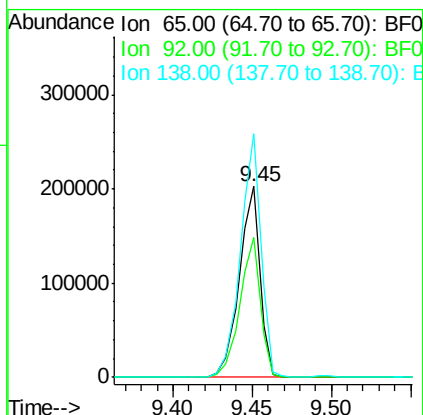
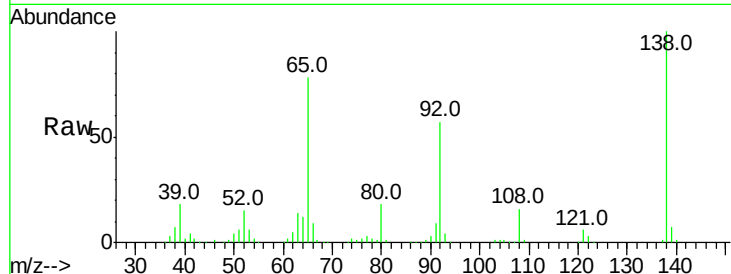




#47
 2-Nitroaniline
 Concen: 41.394 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

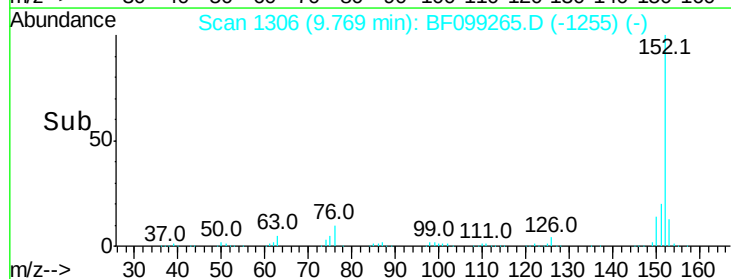
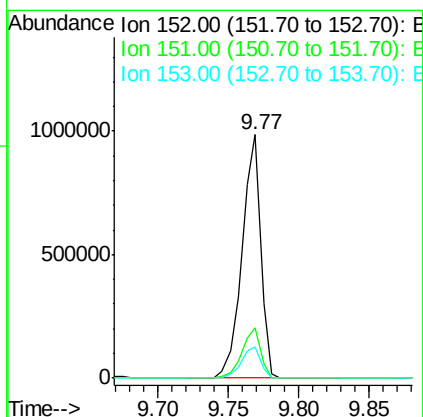
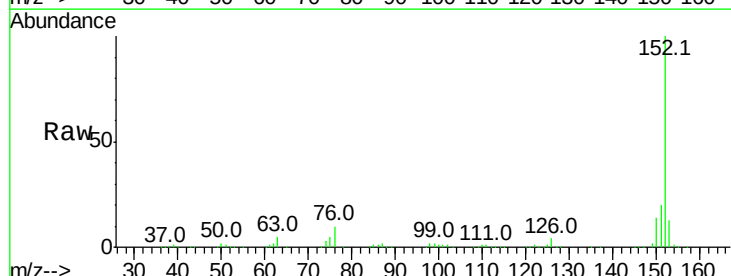
Instrument :
 BNA_F
 ClientSampleId :

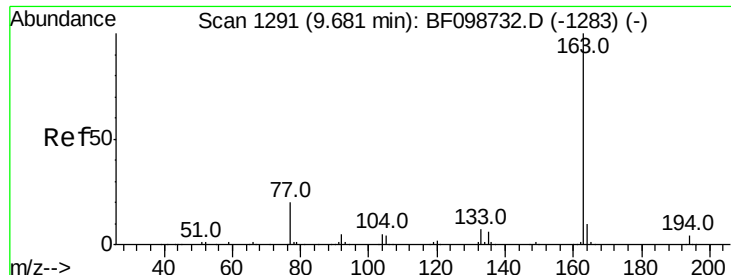
Tot Ion: 65 Resp: 183737
 Ion Ratio Lower Upper
 65 100
 92 73.1 55.8 83.6
 138 127.6 91.2 136.8



#48
 Acenaphthylene
 Concen: 40.873 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion:152 Resp: 907024
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.0 10.7 16.1

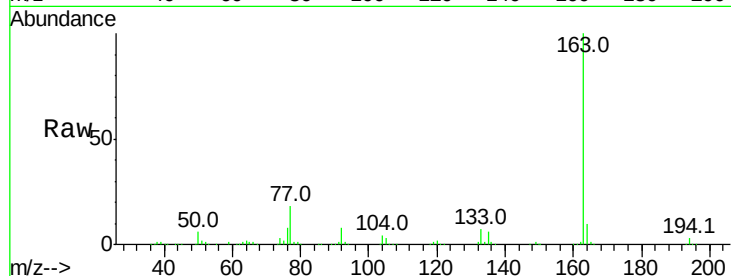




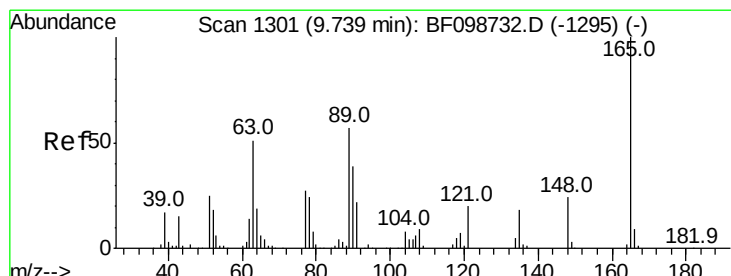
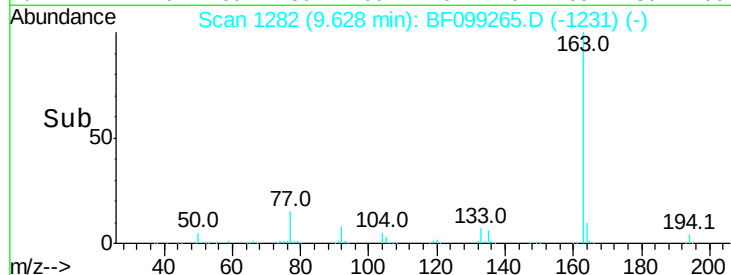
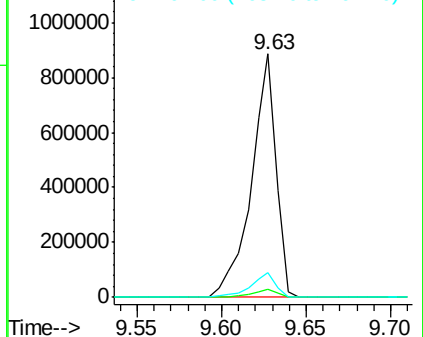
#49
Dimethylphthalate
Concen: 53.192 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 901889
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.2 12.2

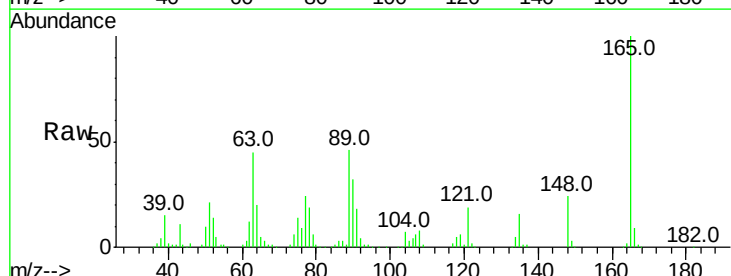


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

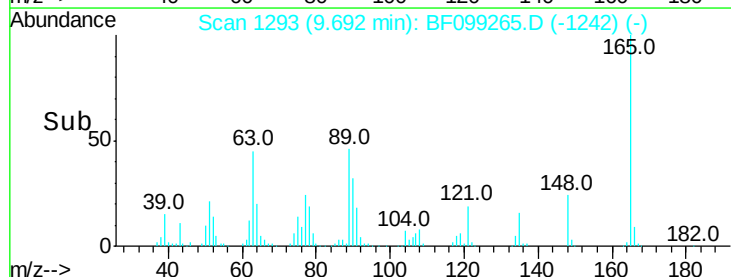
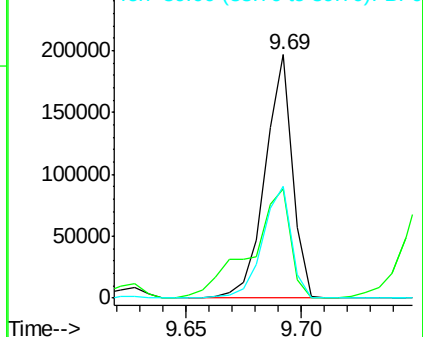


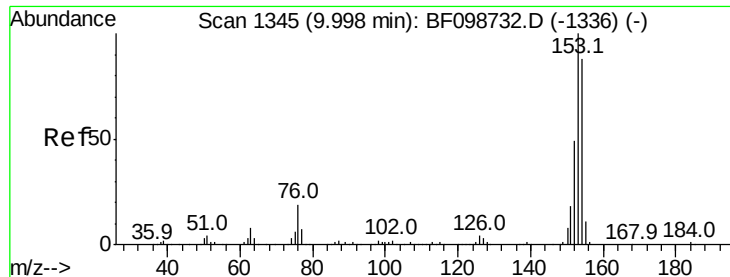
#50
2,6-Dinitrotoluene
Concen: 43.959 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion:165 Resp: 162264
Ion Ratio Lower Upper
165 100
63 44.6 44.7 67.1#
89 45.8 44.0 66.0



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





#51

Acenaphthene

Concen: 38.065 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Instrument :

BNA_F

ClientSampleId :

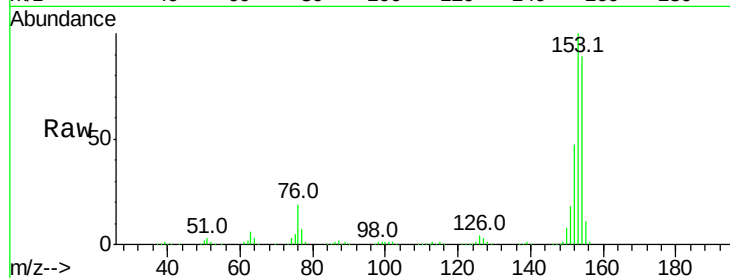
Tot Ion:154 Resp: 535084

Ion Ratio Lower Upper

154 100

153 112.6 91.2 136.8

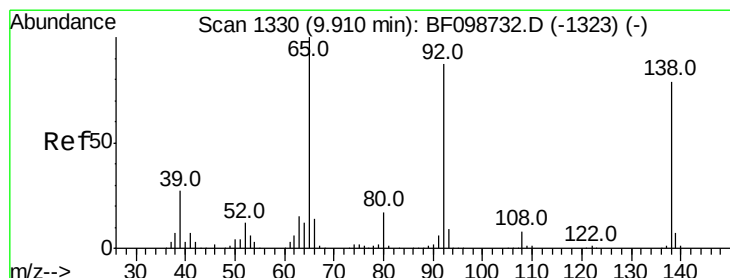
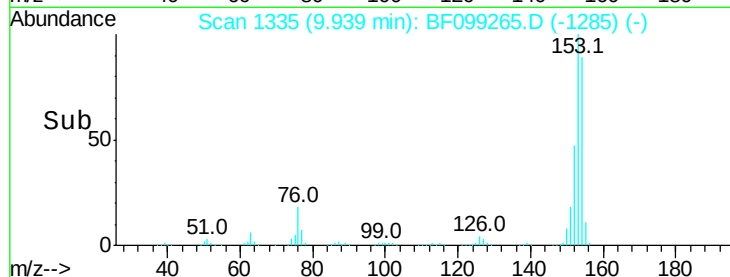
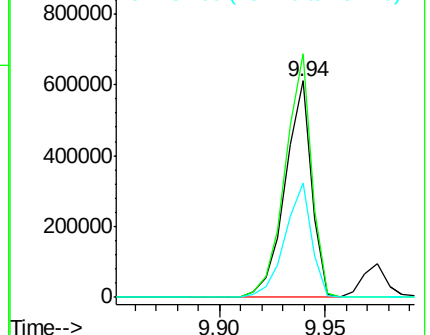
152 53.1 43.8 65.8



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: 39.496 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

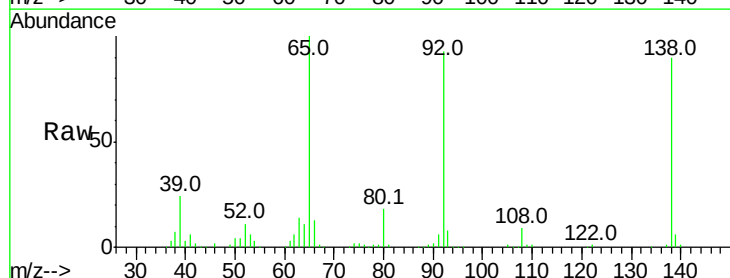
Tgt Ion:138 Resp: 169992

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

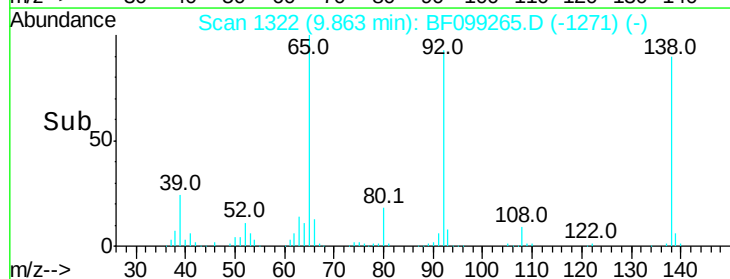
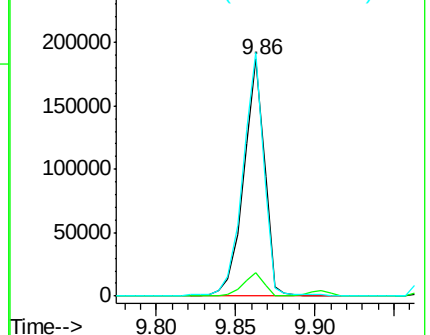
92 102.7 89.4 134.2

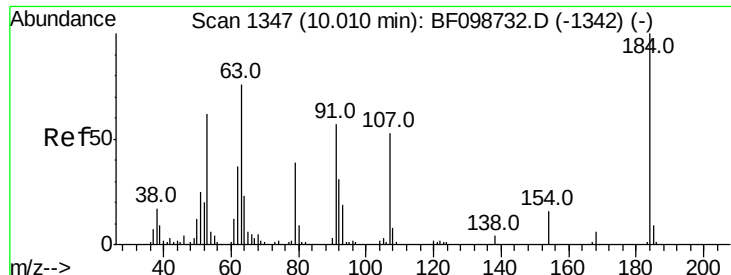


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

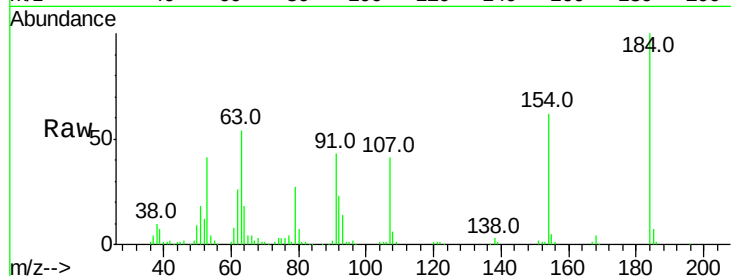




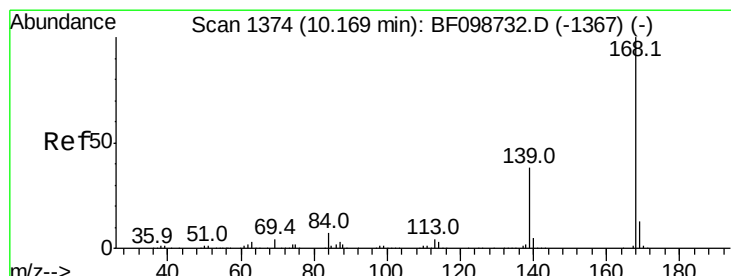
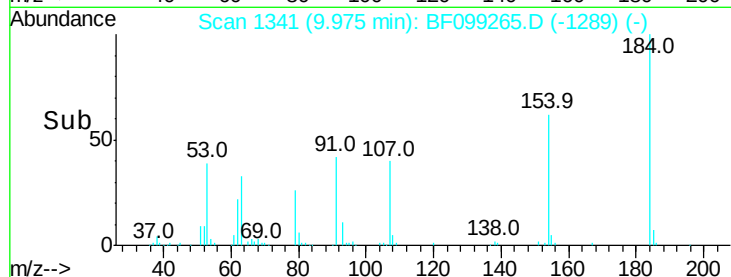
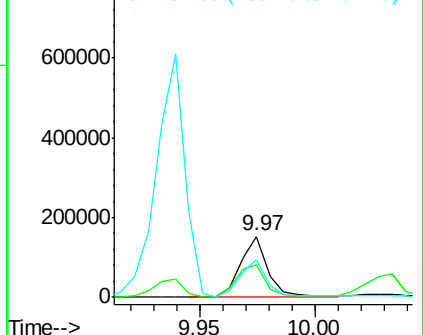
#53
2,4-Dinitrophenol
Concen: 68.350 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
184	100		
63	53.9	54.2	81.2#
154	61.8	53.5	80.3

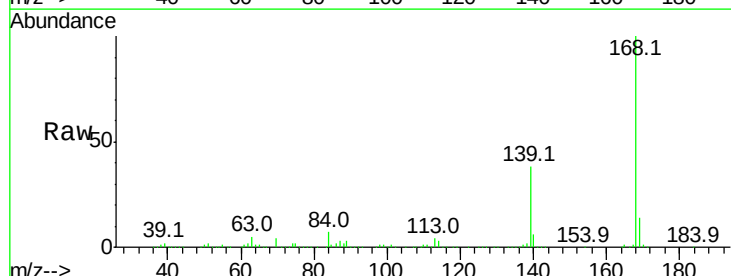


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

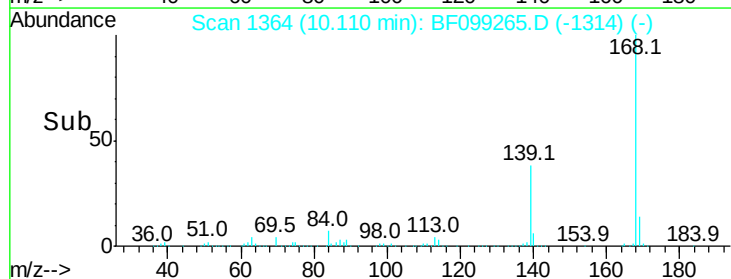
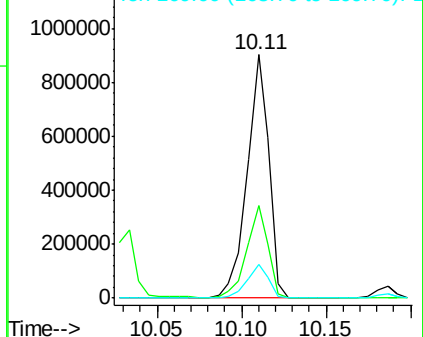


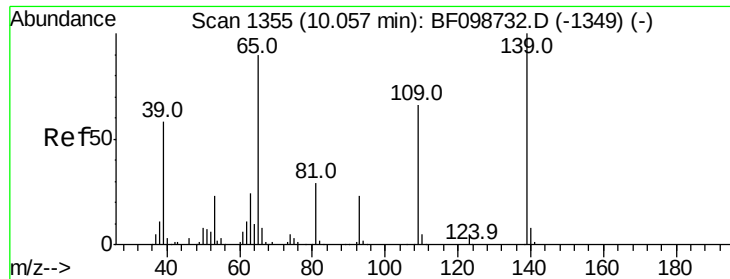
#54
Dibenzofuran
Concen: 43.397 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.1	45.1
169	13.6	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

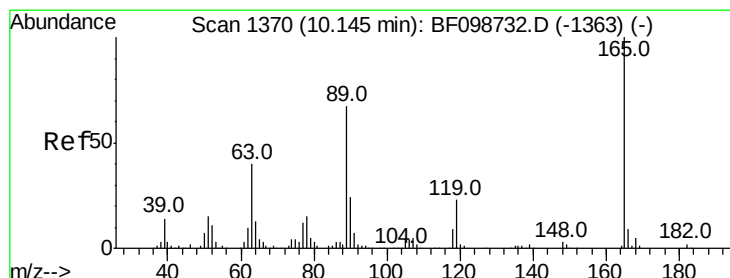
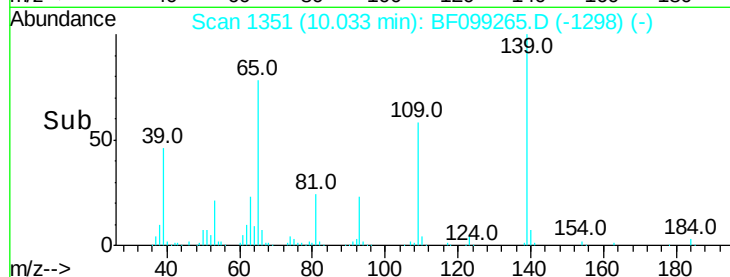
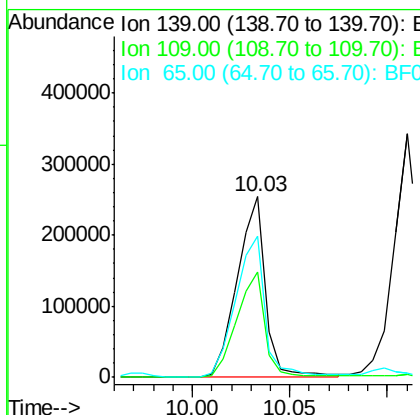
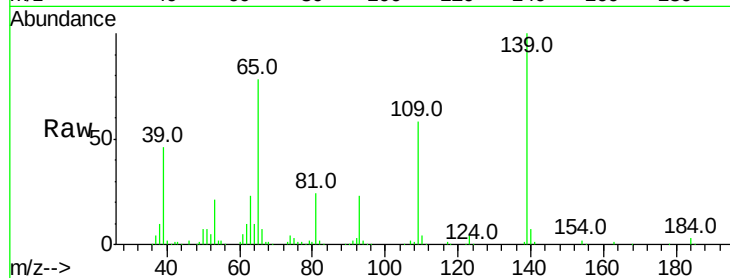




#55
4-Nitrophenol
Concen: 70.546 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

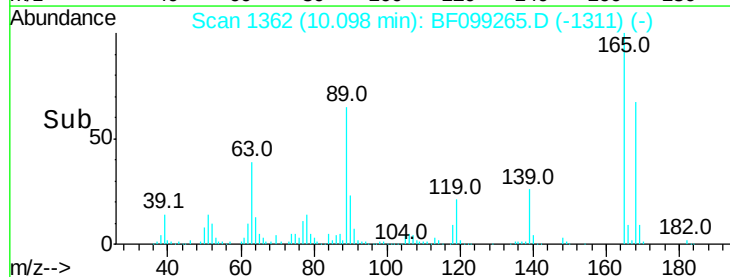
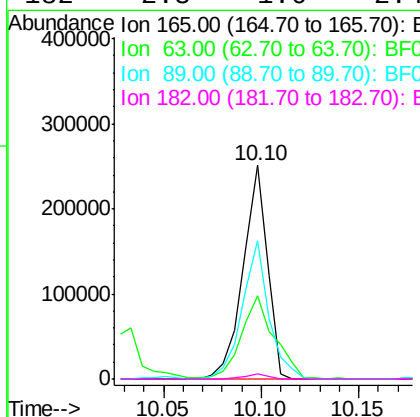
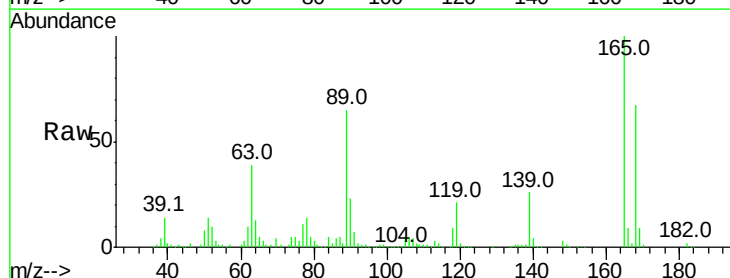
Instrument :
BNA_F
ClientSampleId :

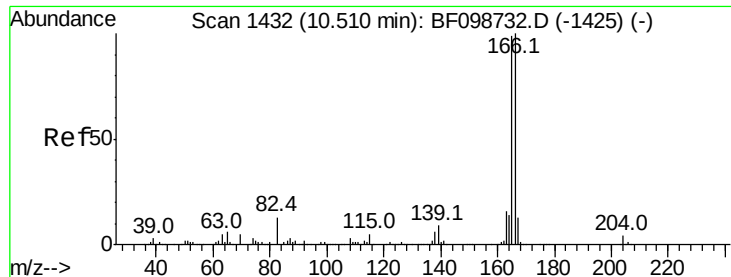
Tot Ion:139 Resp: 256740
Ion Ratio Lower Upper
139 100
109 58.3 48.4 88.4
65 78.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 45.282 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion:165 Resp: 216925
Ion Ratio Lower Upper
165 100
63 39.1 36.4 54.6
89 64.6 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 42.454 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Instrument :

BNA_F

ClientSampleId :

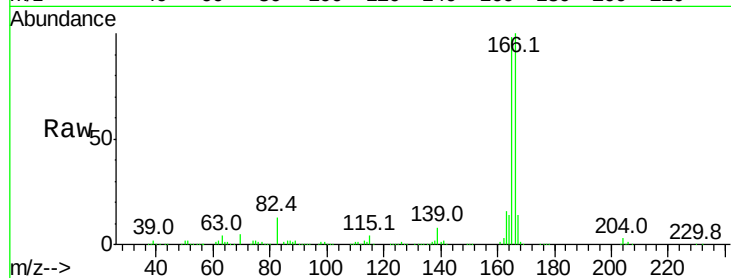
Tot Ion:166 Resp: 638655

Ion Ratio Lower Upper

166 100

165 98.1 79.8 119.8

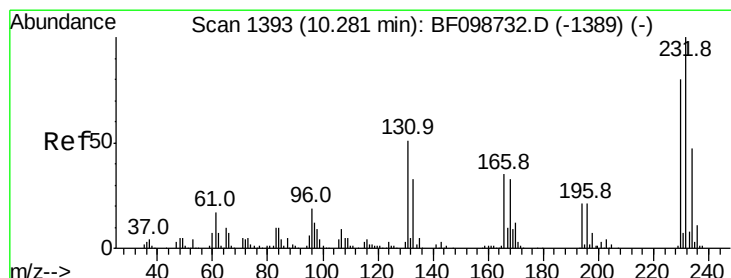
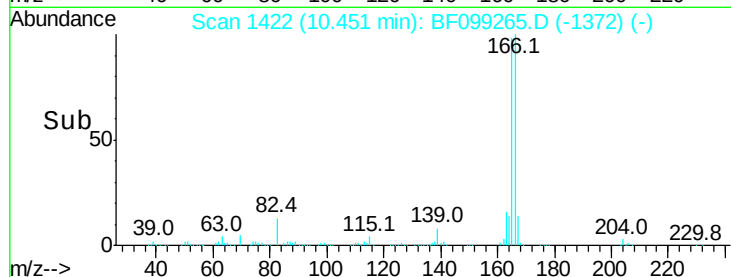
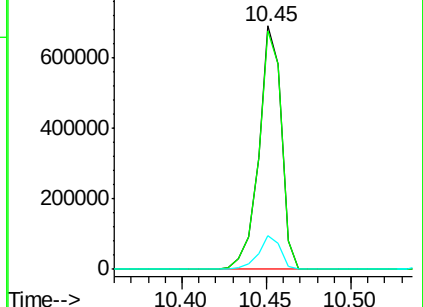
167 13.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.547 ng

RT: 10.23 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Tgt Ion:232 Resp: 145799

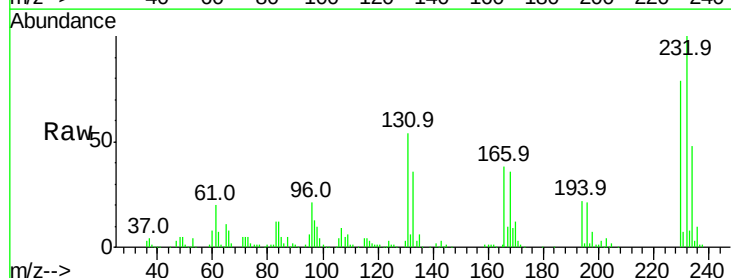
Ion Ratio Lower Upper

232 100

131 51.4 43.8 65.8

130 2.4 2.1 3.1

166 35.5 27.8 41.6

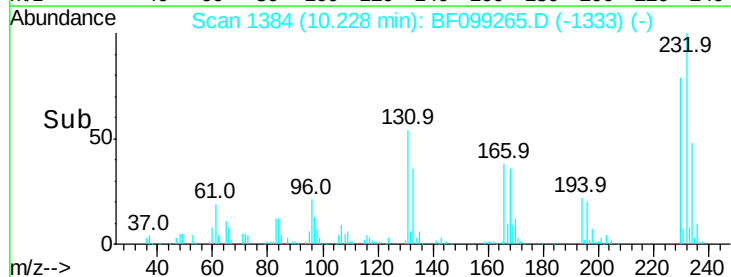
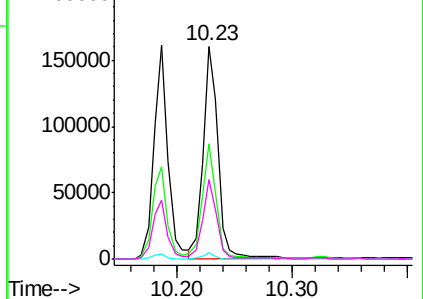


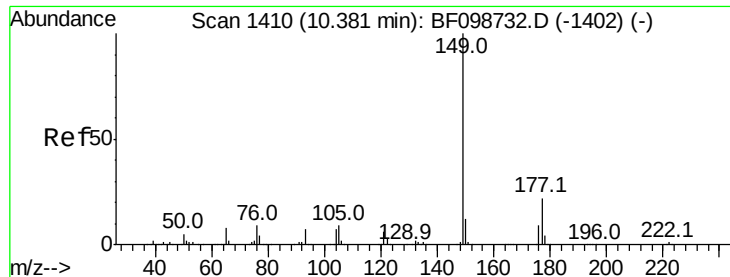
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

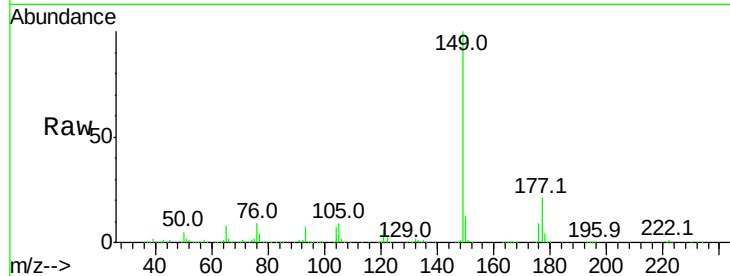




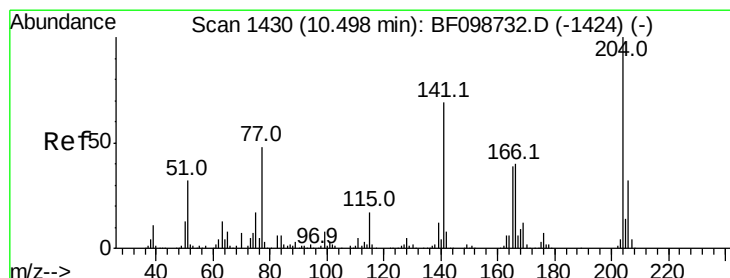
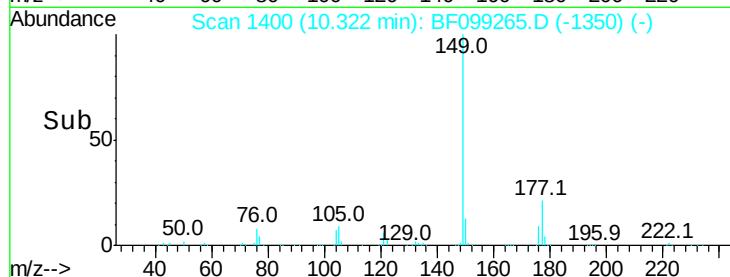
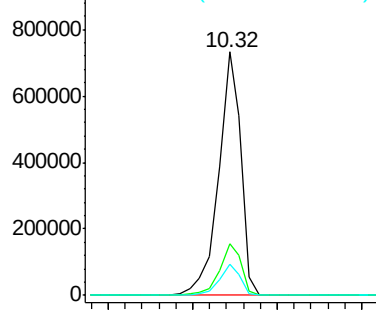
#59
Diethylphthalate
Concen: 40.670 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 673812
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 12.7 10.1 15.1

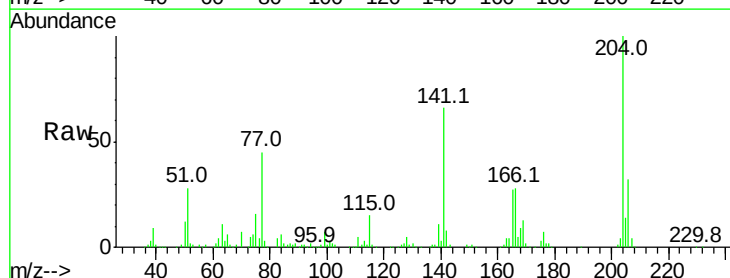


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

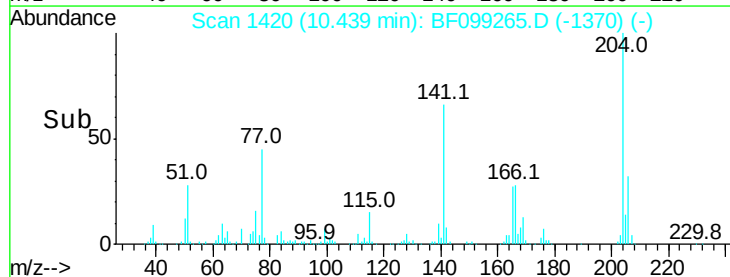
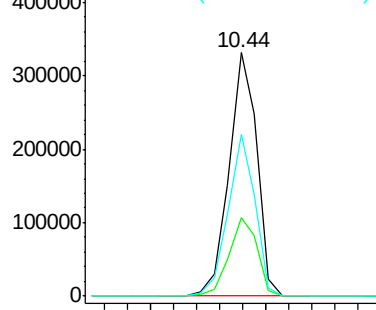


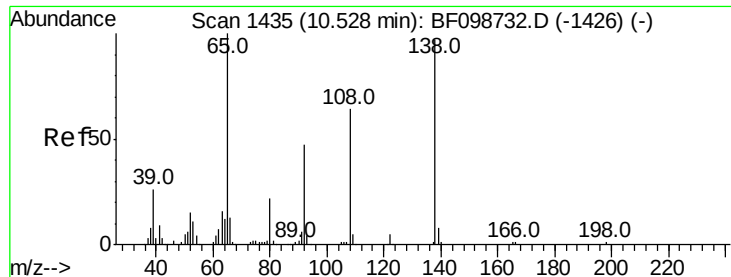
#60
4-Chlorophenyl-phenylether
Concen: 41.346 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion:204 Resp: 279395
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 66.5 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

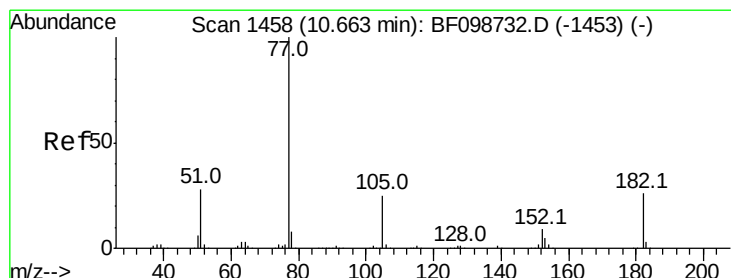
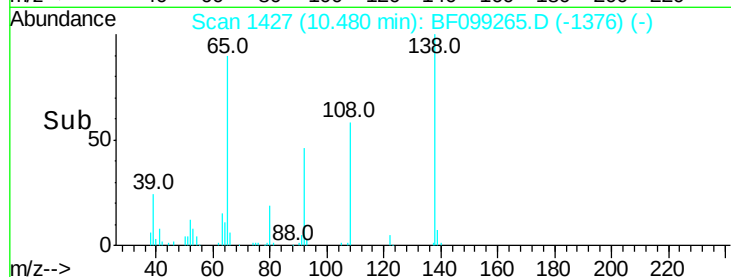
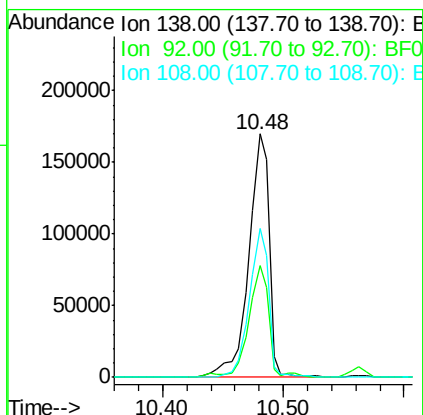
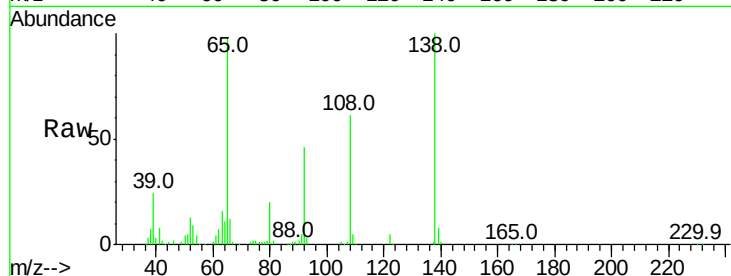




#61
4-Nitroaniline
Concen: 48.646 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

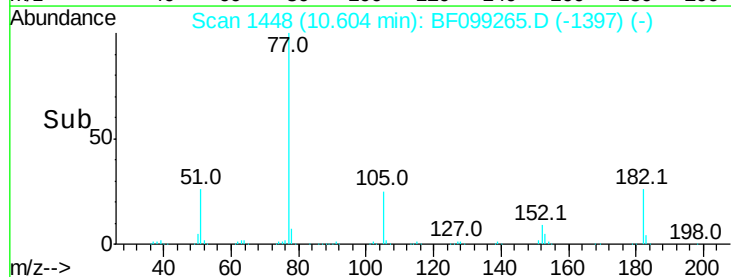
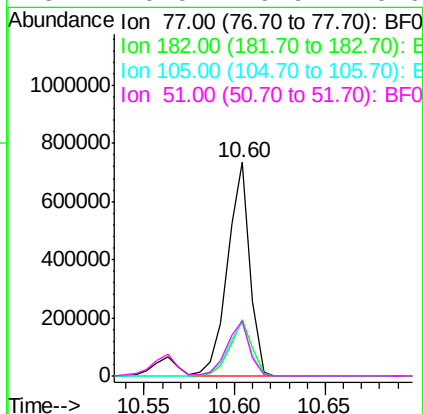
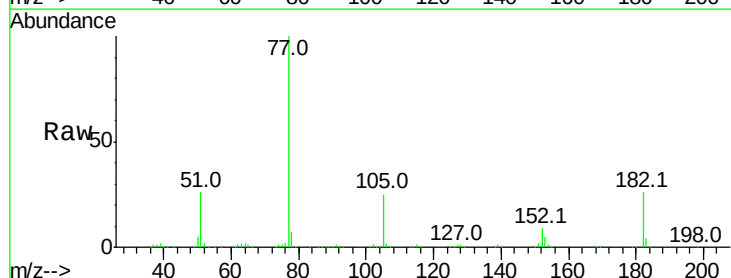
Instrument :
BNA_F
ClientSampleId :

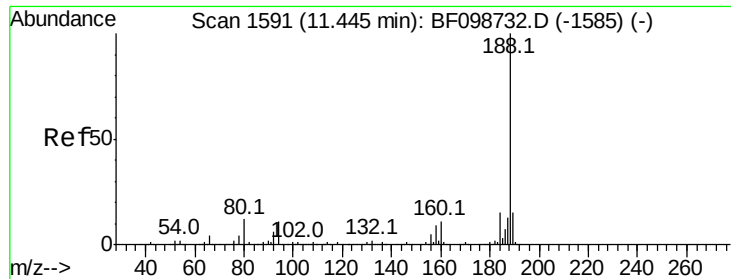
Tot Ion:138 Resp: 201995
Ion Ratio Lower Upper
138 100
92 46.2 30.2 70.2
108 61.4 52.5 92.5



#62
Azobenzene
Concen: 41.004 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion: 77 Resp: 624628
Ion Ratio Lower Upper
77 100
182 26.3 1.7 41.7
105 25.2 3.0 43.0
51 26.0 9.9 49.9

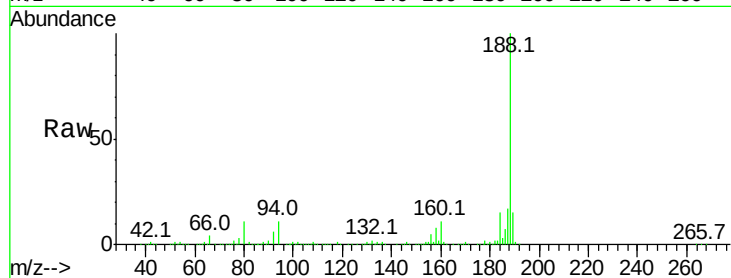




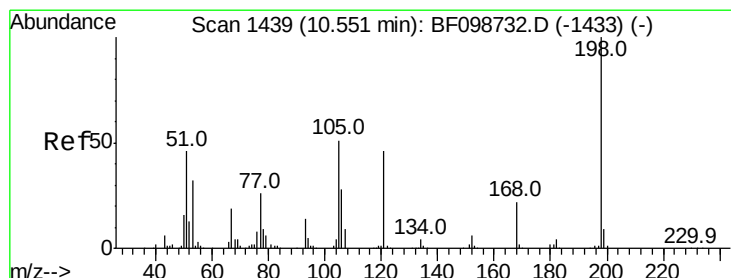
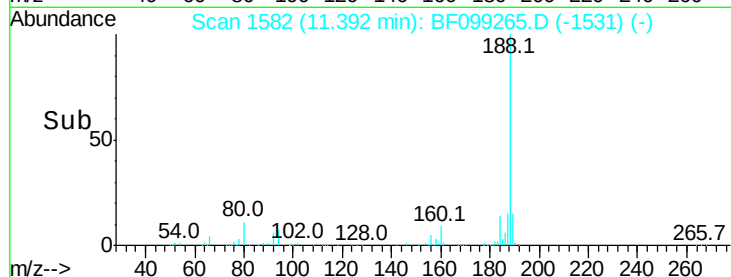
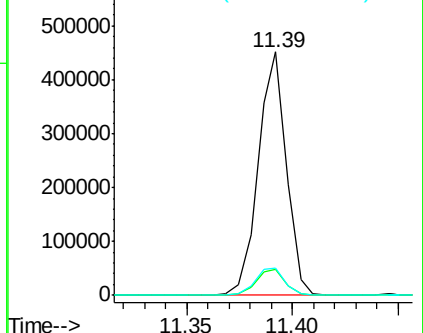
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 417675
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.2 9.2 13.8

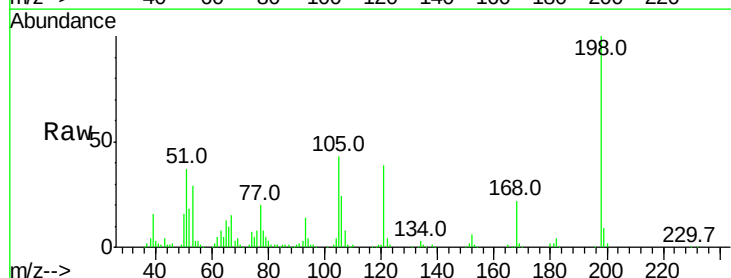


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

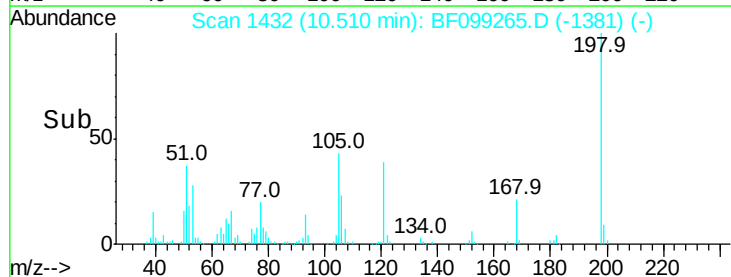
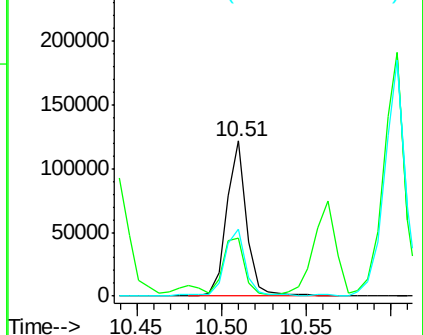


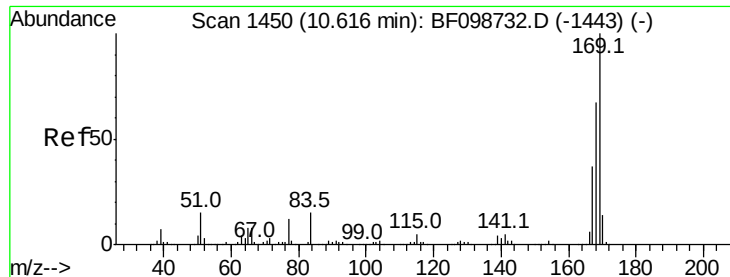
#64
4,6-Dinitro-2-methylphenol
Concen: 39.045 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion:198 Resp: 99222
Ion Ratio Lower Upper
198 100
51 37.2 37.7 77.7#
105 43.0 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

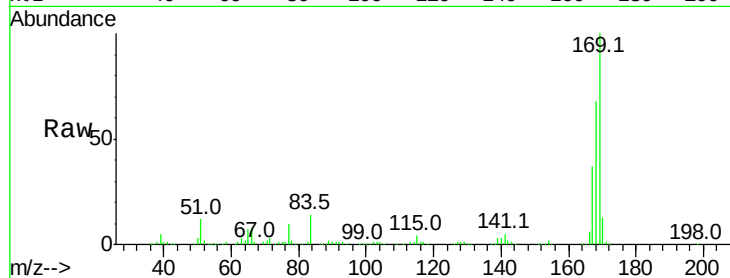




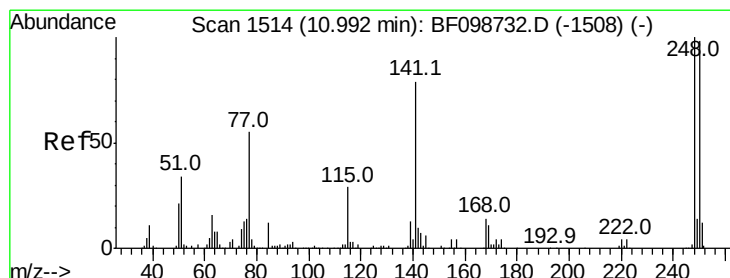
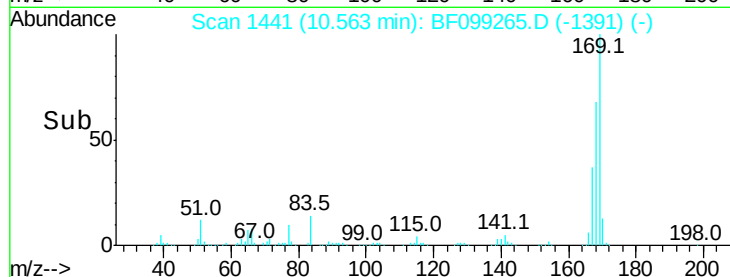
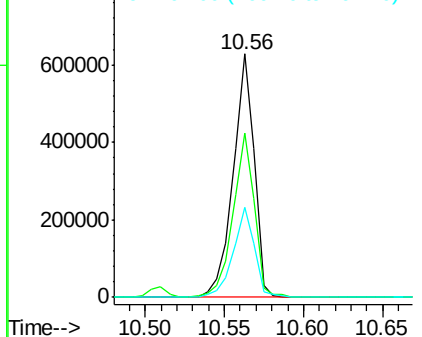
#65
 n-Nitrosodiphenylamine
 Concen: 40.040 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 579364
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.4 81.6
 167 36.8 29.8 44.6

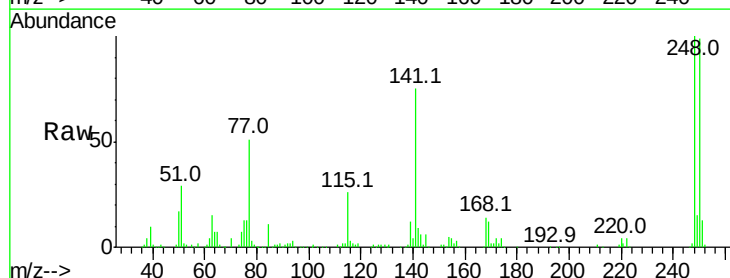


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

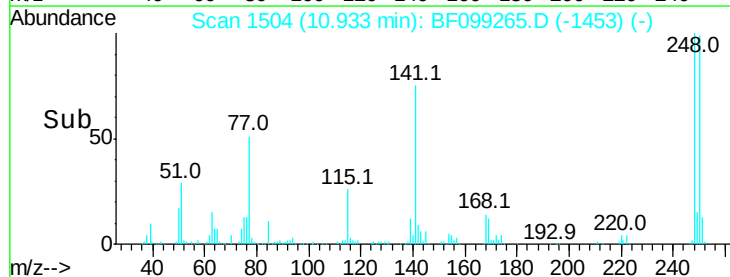
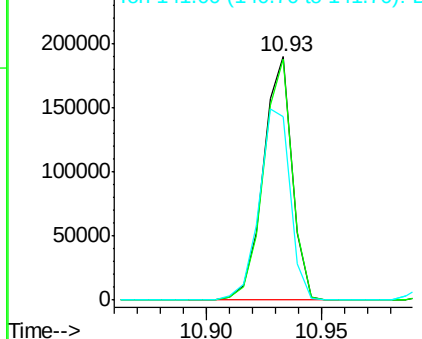


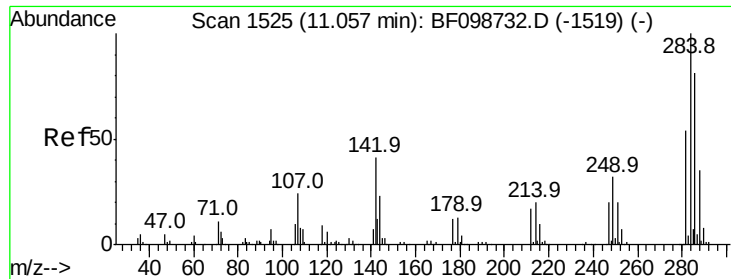
#66
 4-Bromophenyl-phenylether
 Concen: 40.576 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion:248 Resp: 165887
 Ion Ratio Lower Upper
 248 100
 250 98.8 76.9 115.3
 141 75.1 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

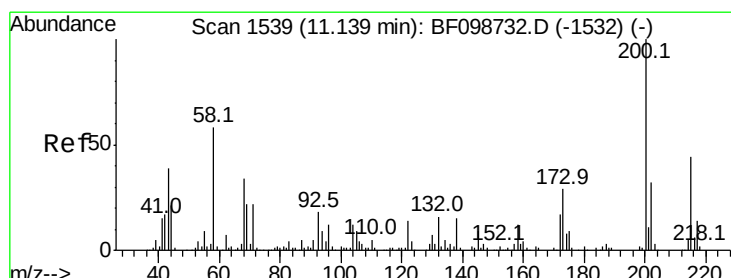
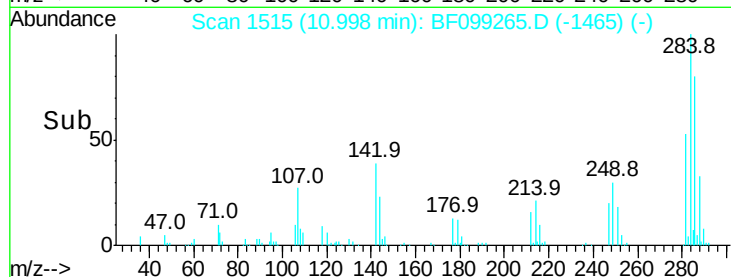
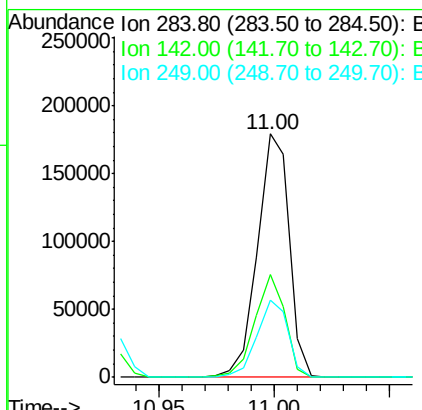
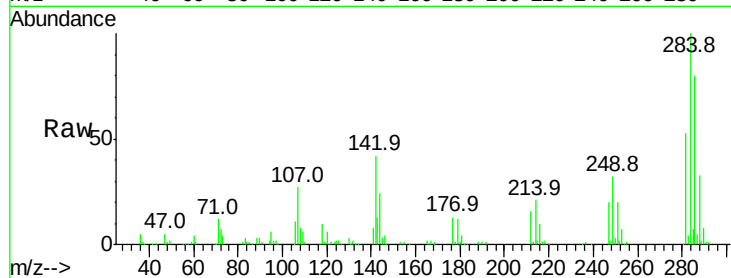




#67
Hexachlorobenzene
Concen: 39.407 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

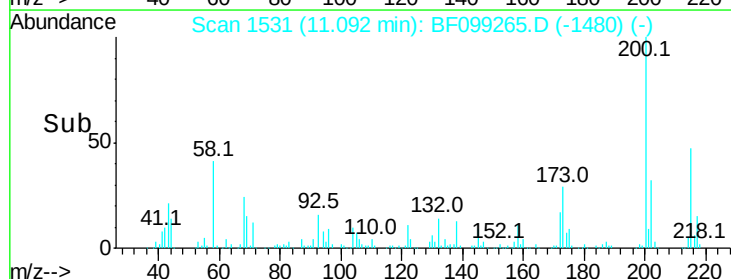
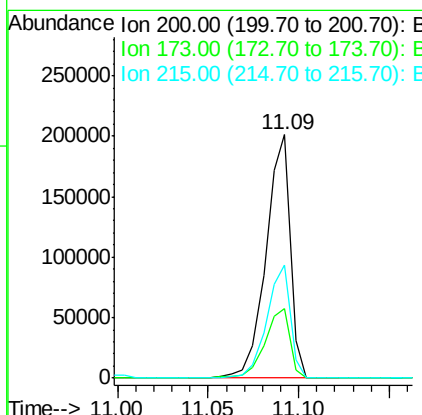
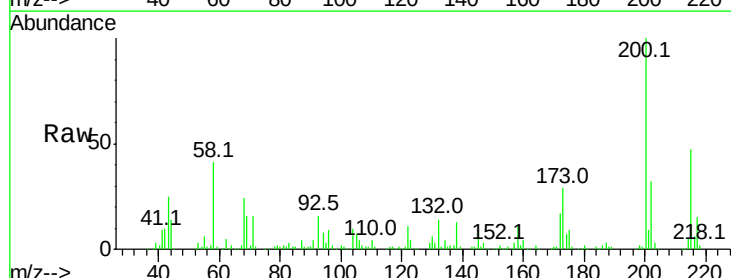
Instrument :
BNA_F
ClientSampled :

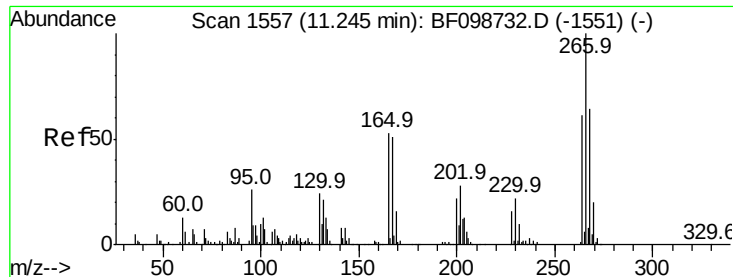
Tot Ion:284 Resp: 172071
Ion Ratio Lower Upper
284 100
142 42.3 34.6 52.0
249 31.6 24.8 37.2



#68
Atrazine
Concen: 42.782 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion:200 Resp: 186250
Ion Ratio Lower Upper
200 100
173 28.7 8.6 48.6
215 46.6 25.1 65.1

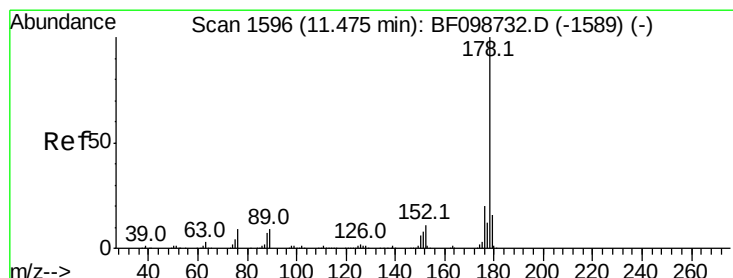
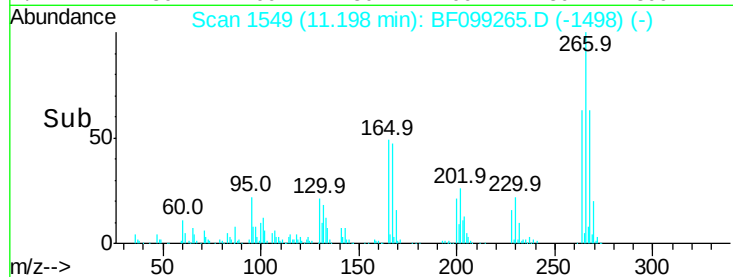
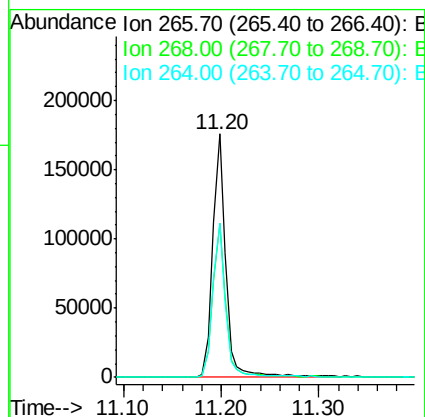
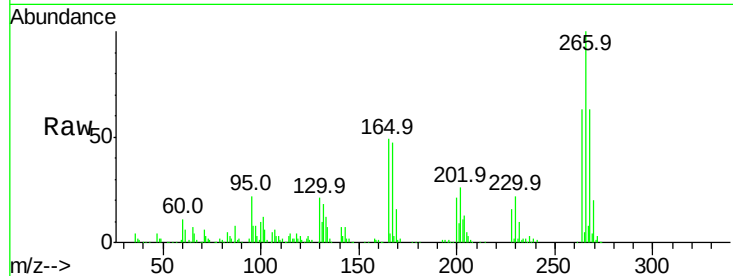




#69
 Pentachlorophenol
 Concen: 61.196 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

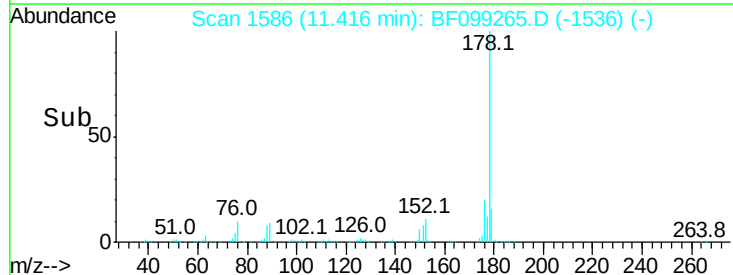
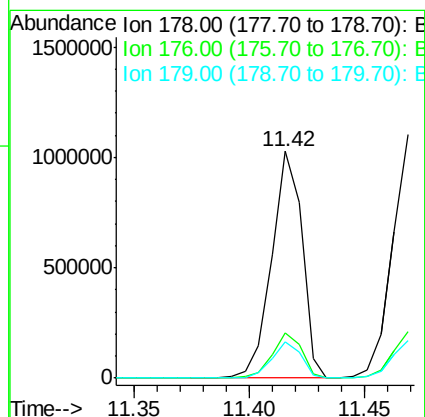
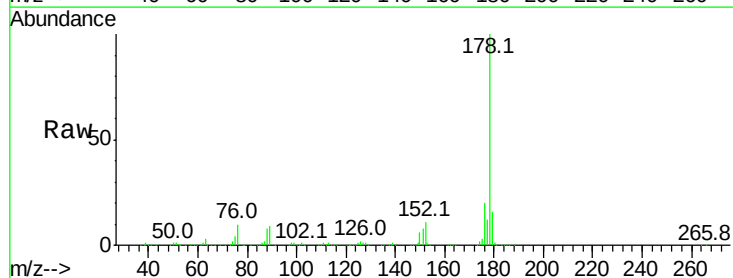
Instrument :
 BNA_F
 ClientSampleId :

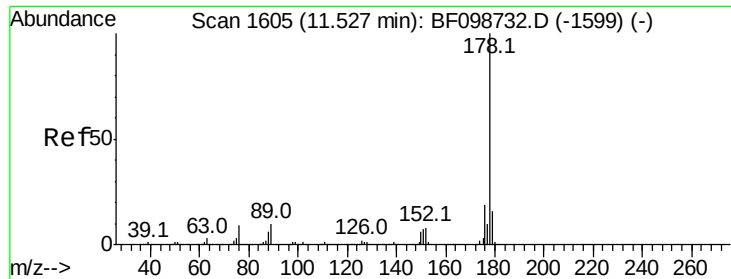
Tot Ion:266 Resp: 166303
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 63.0 49.5 74.3



#70
 Phenanthrene
 Concen: 42.067 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion:178 Resp: 940501
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.9 13.0 19.6

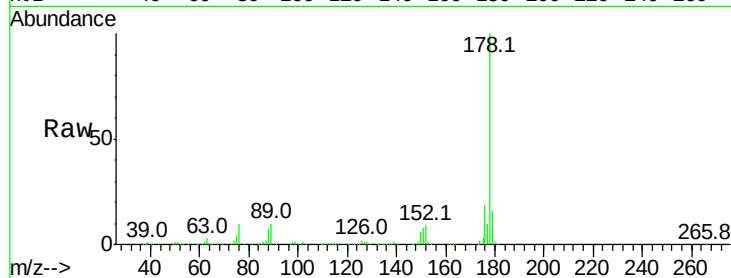




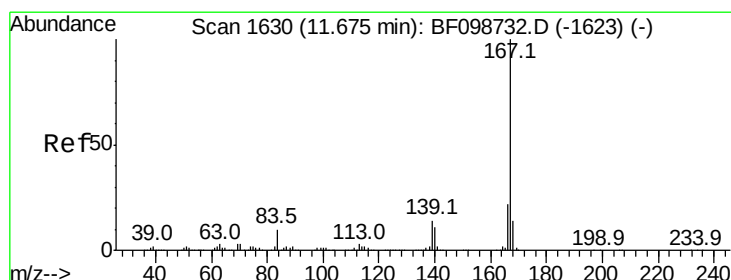
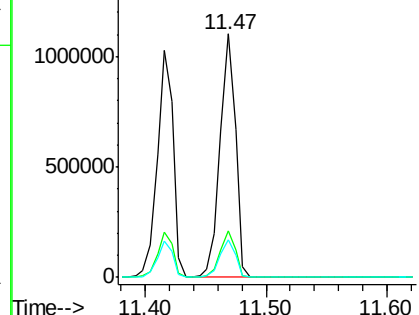
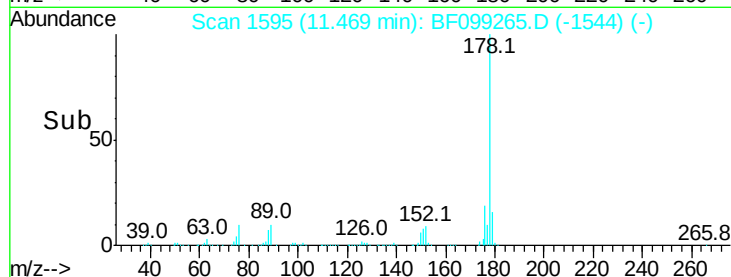
#71
 Anthracene
 Concen: 42.394 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 969771
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.6 12.6 19.0

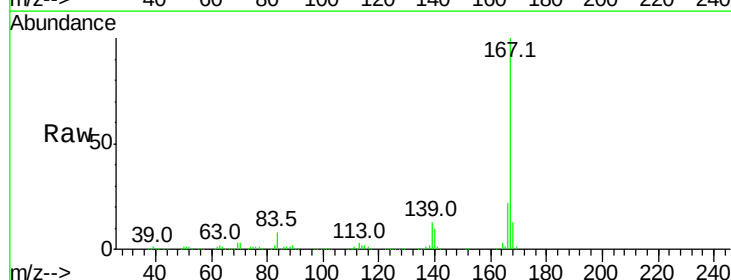


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

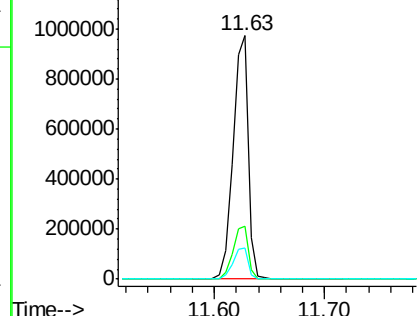
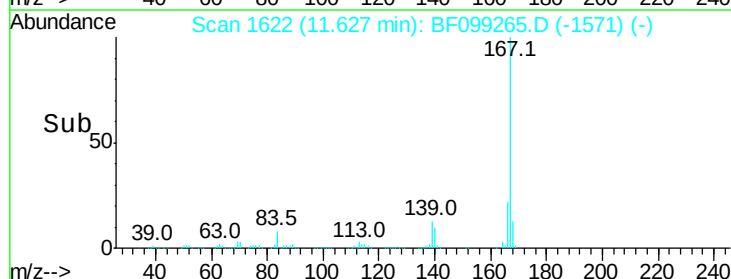


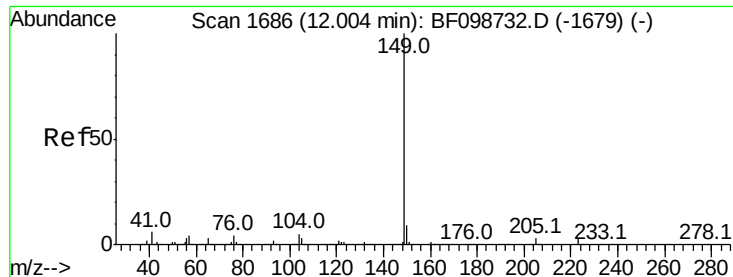
#72
 Carbazole
 Concen: 41.937 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion:167 Resp: 939449
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 12.8 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

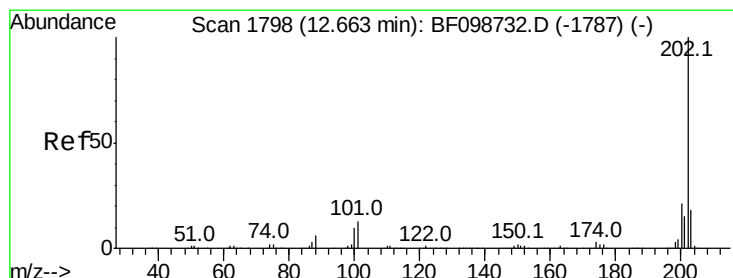
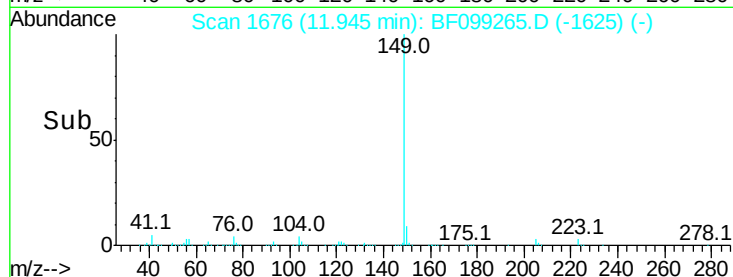
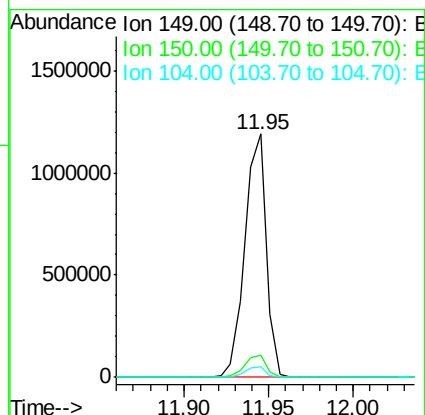
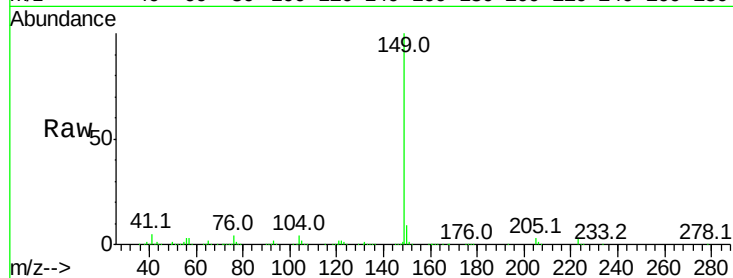




#73
Di-n-butylphthalate
Concen: 39.172 ng
RT: 11.95 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

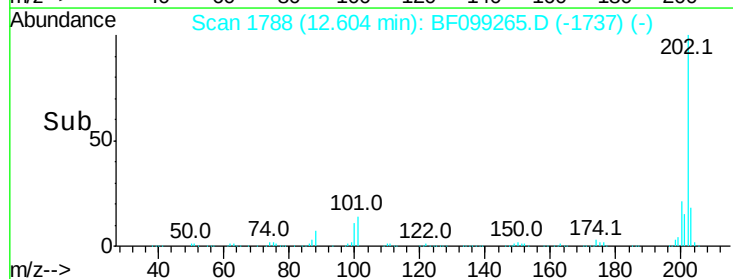
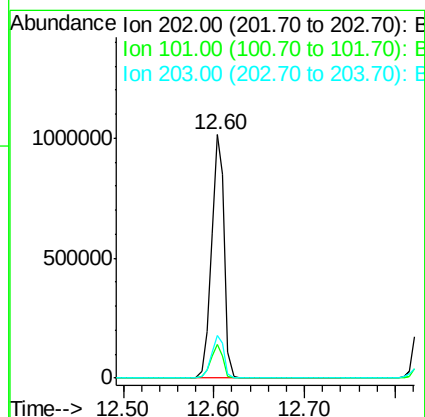
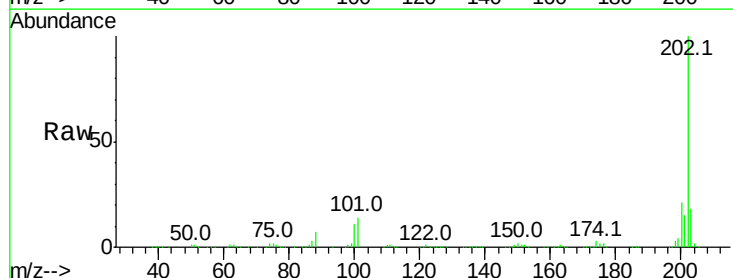
Instrument :
BNA_F
ClientSampleId :

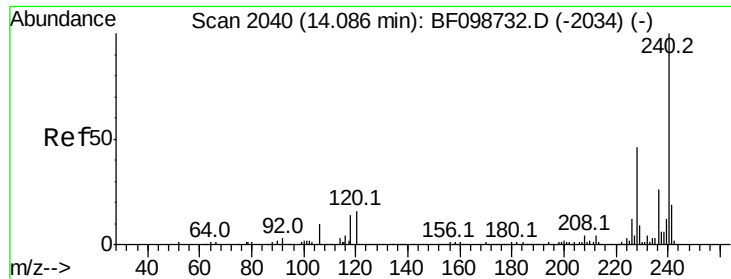
Tot Ion:149 Resp: 1056208
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 4.3 3.8 5.8



#74
Fluoranthene
Concen: 44.047 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion:202 Resp: 997181
Ion Ratio Lower Upper
202 100
101 13.9 0.0 34.1
203 17.8 0.0 38.1

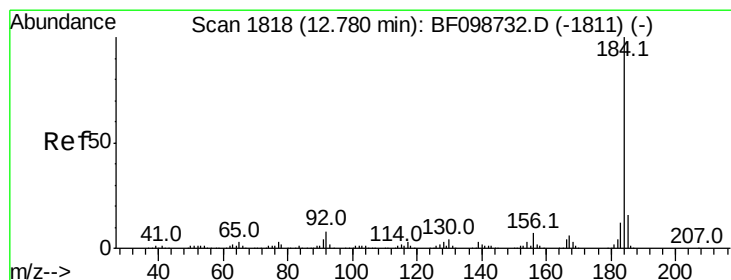
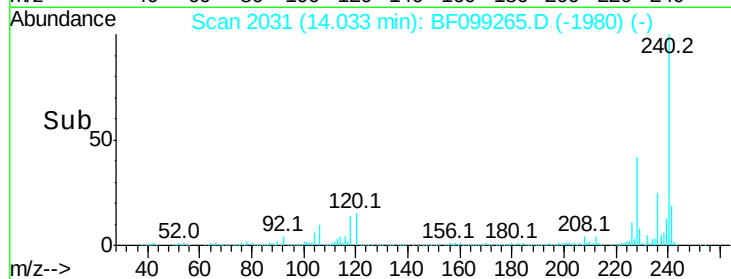
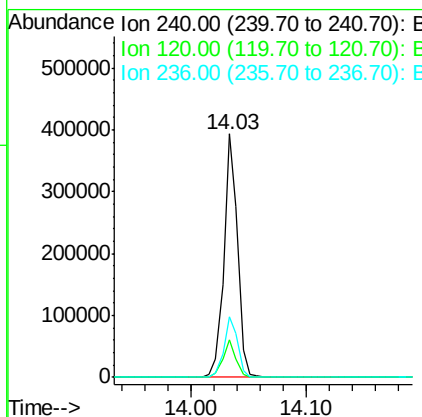
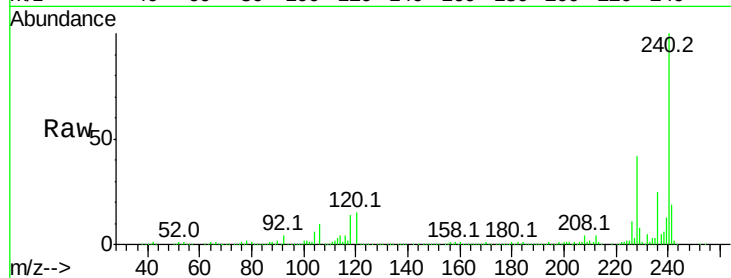




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

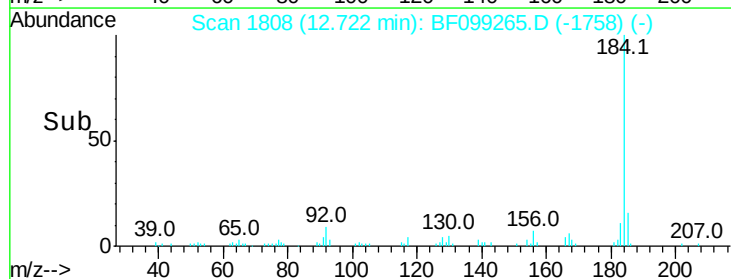
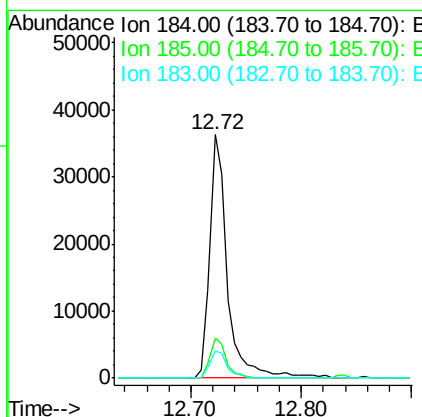
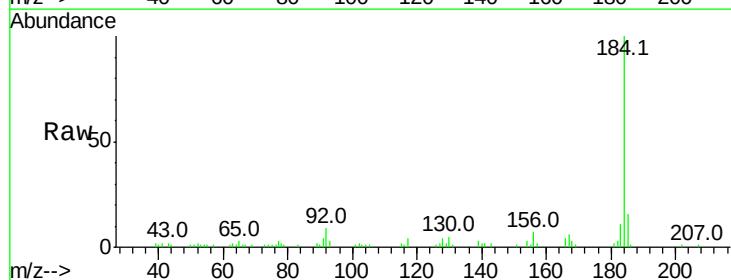
Instrument :
 BNA_F
 ClientSampleId :

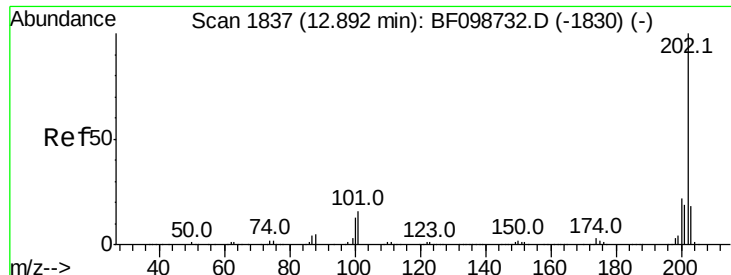
Tot Ion:240 Resp: 322061
 Ion Ratio Lower Upper
 240 100
 120 15.3 9.5 14.3#
 236 25.1 20.7 31.1



#76
 Benzidine
 Concen: 3.303 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion:184 Resp: 39348
 Ion Ratio Lower Upper
 184 100
 185 16.4 12.6 18.8
 183 11.4 9.3 13.9

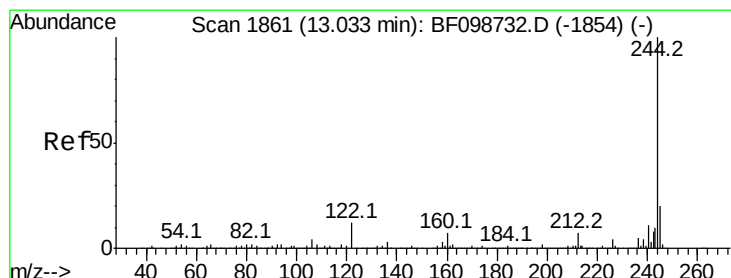
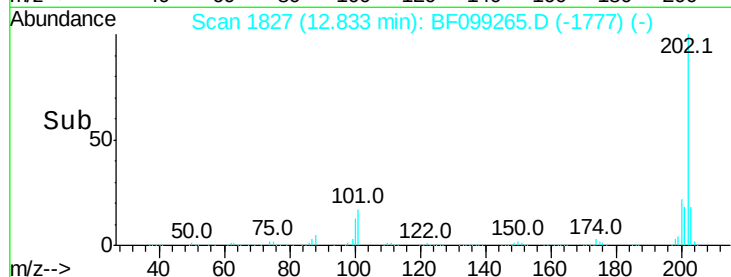
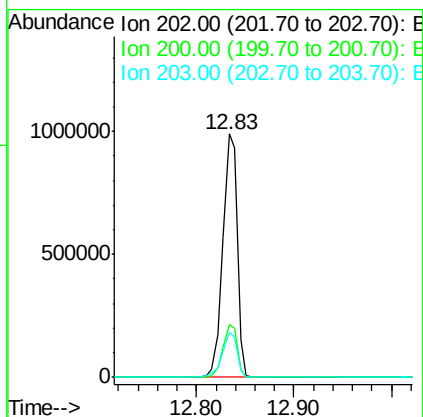
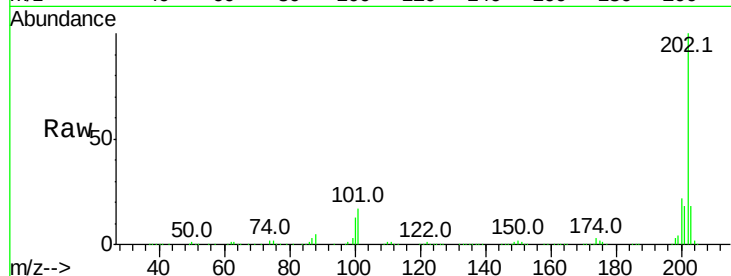




#77
 Pvrene
 Concen: 41.440 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

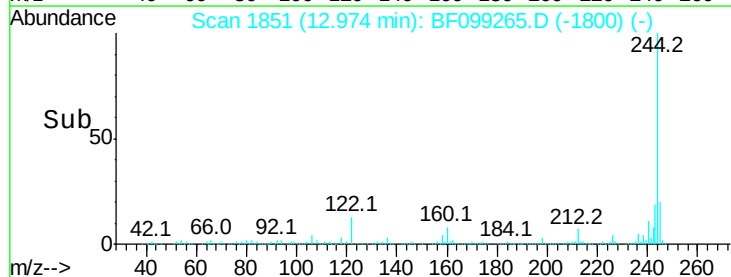
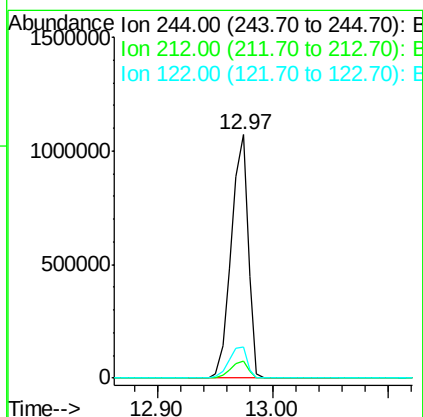
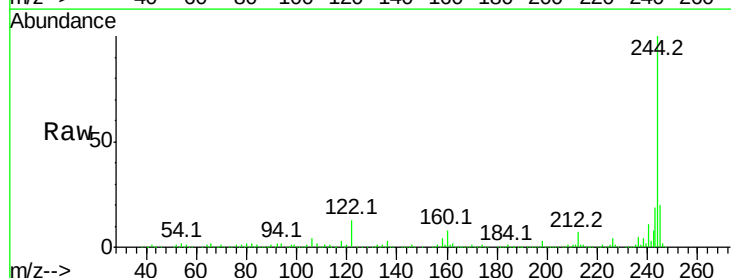
Instrument :
 BNA_F
 ClientSampled :

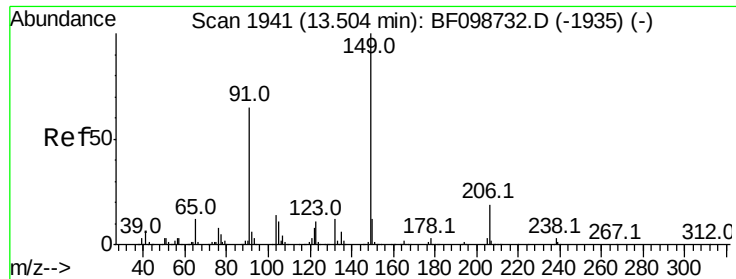
Tot Ion:202 Resp: 1017700
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.4 26.2
 203 18.4 14.3 21.5



#78
 Terphenyl-d14
 Concen: 77.029 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion:244 Resp: 1090852
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 13.0 11.0 16.4

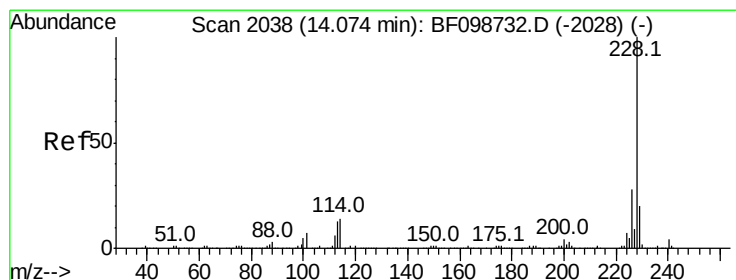
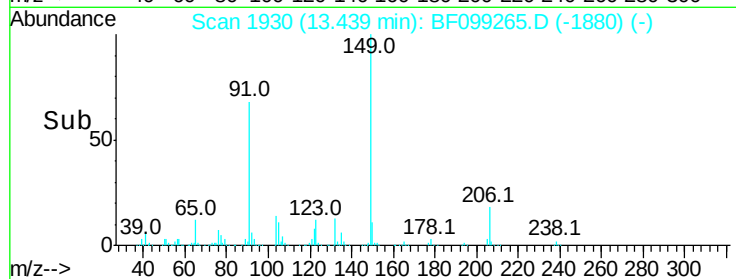
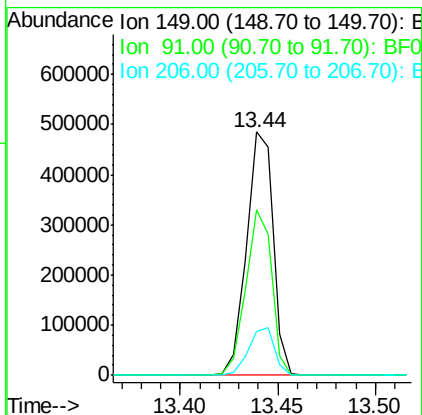
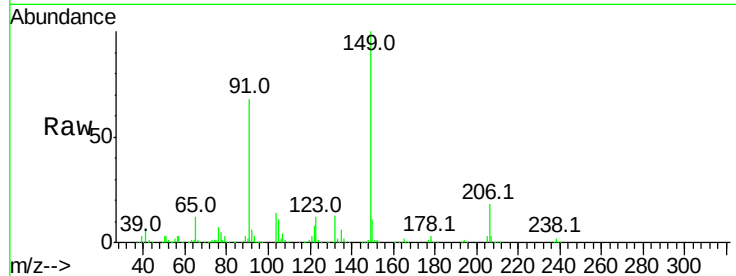




#79
Butylbenzylphthalate
Concen: 39.740 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

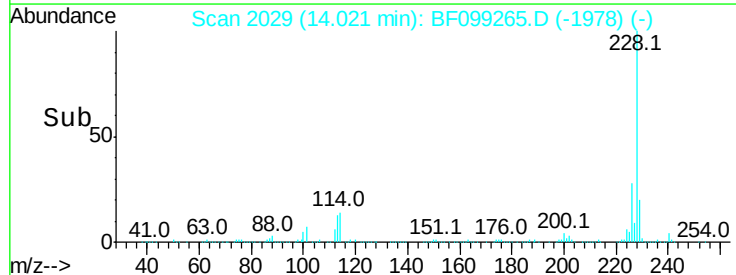
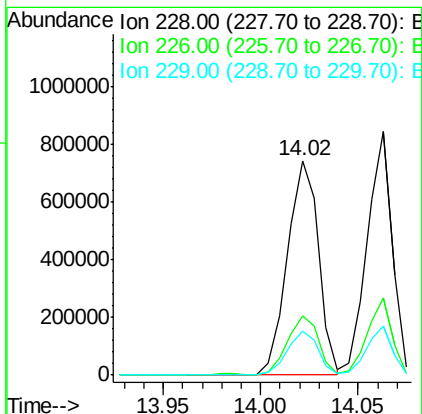
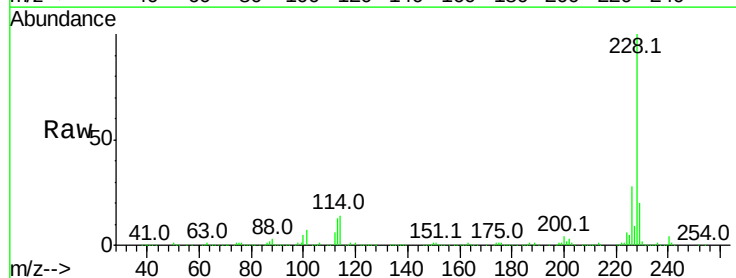
Instrument :
BNA_F
ClientSampleId :

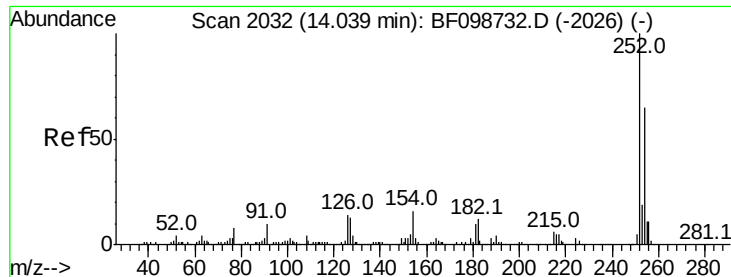
Tot Ion:149 Resp: 458670
Ion Ratio Lower Upper
149 100
91 68.1 56.8 85.2
206 18.2 14.1 21.1



#80
Benzo(a)anthracene
Concen: 41.878 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion:228 Resp: 816684
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 20.5 15.8 23.6

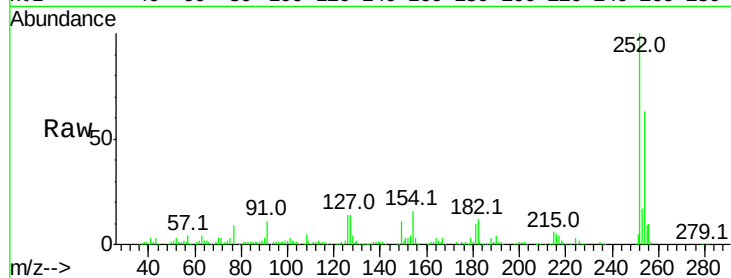




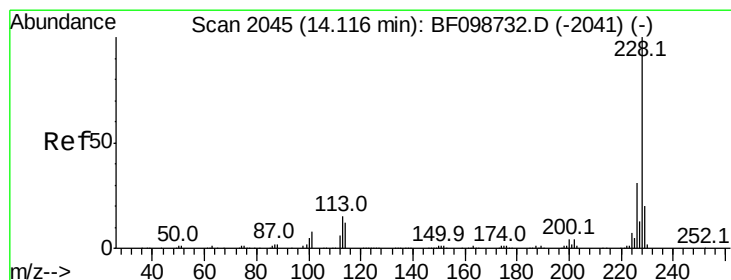
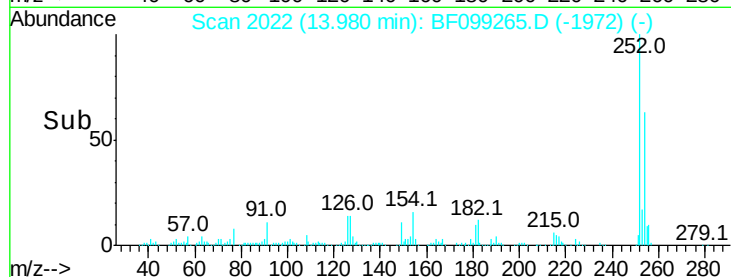
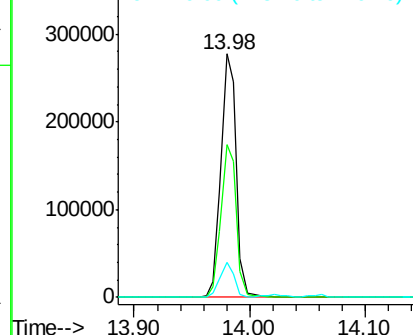
#81
 3,3'-Dichlorobenzidine
 Concen: 35.725 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	50.4	75.6
126	14.4	11.3	16.9

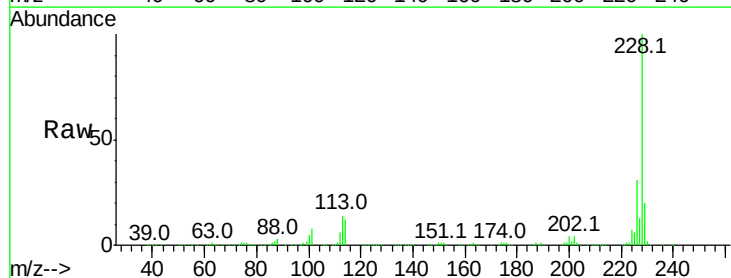


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

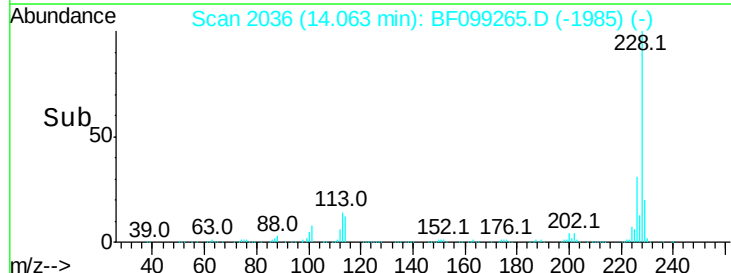
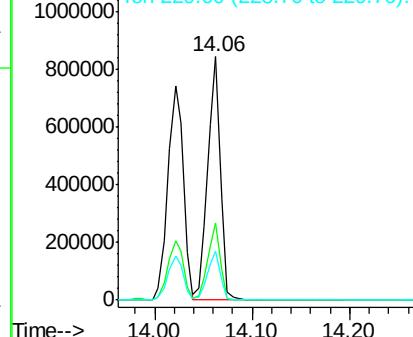


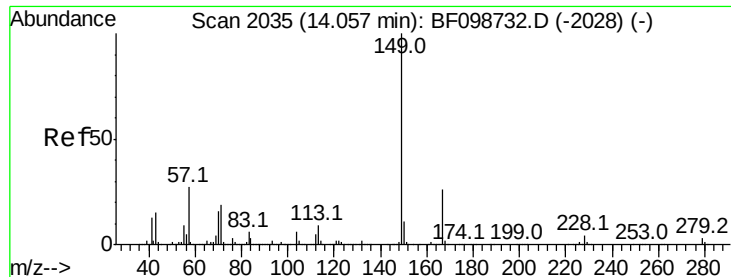
#82
 Chrysene
 Concen: 40.878 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BF099265.D
 Acq: 9 Oct 2017 16:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	19.9	16.2	24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.229 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Instrument :

BNA_F

ClientSampleId :

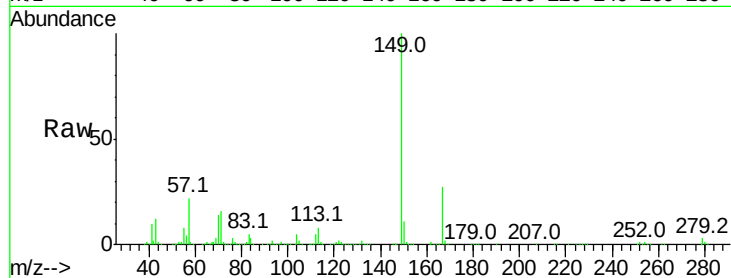
Tot Ion:149 Resp: 607546

Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

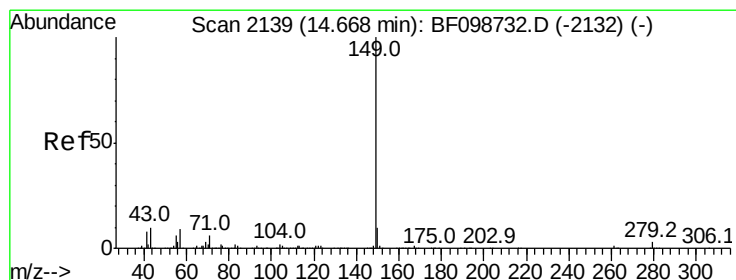
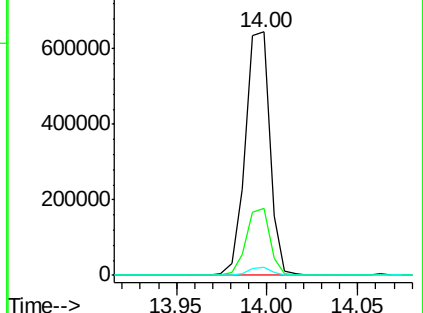
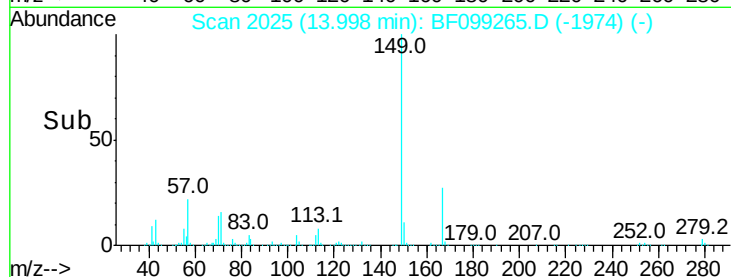
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.232 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

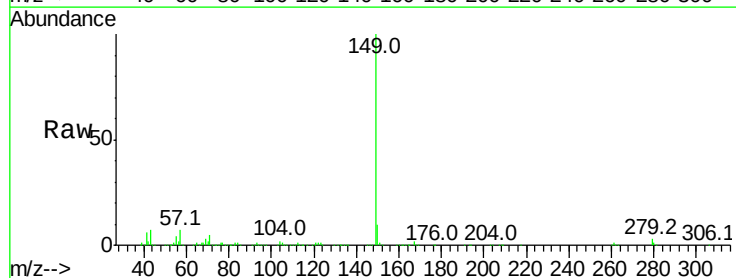
Tgt Ion:149 Resp: 978360

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

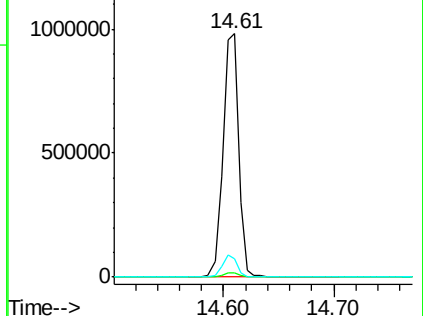
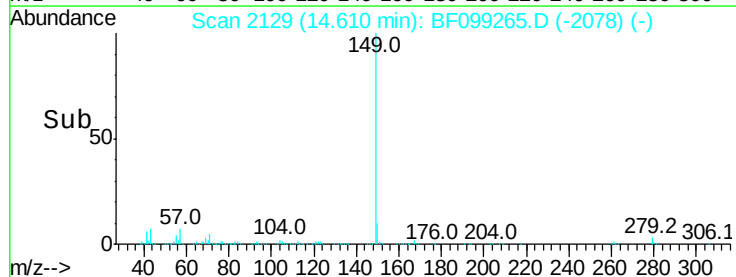
43 8.4 8.4 12.6

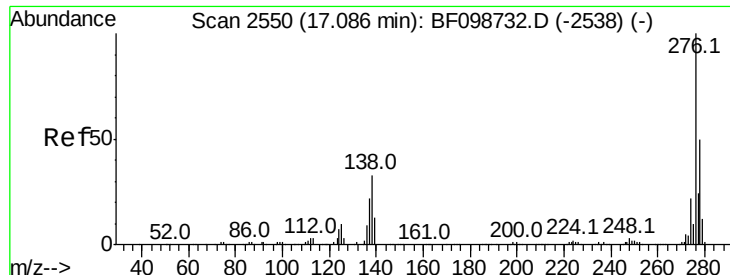


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.227 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.01 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Instrument :

BNA_F

ClientSampleId :

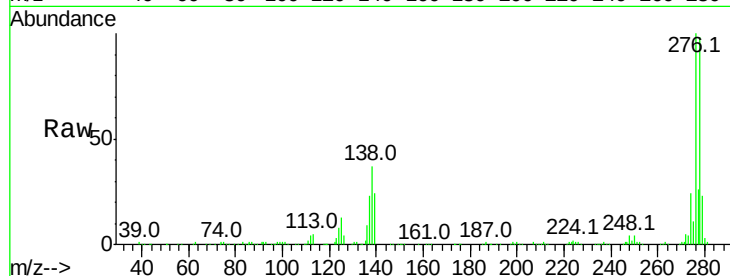
Tot Ion:276 Resp: 567742

Ion Ratio Lower Upper

276 100

138 35.0 25.0 37.6

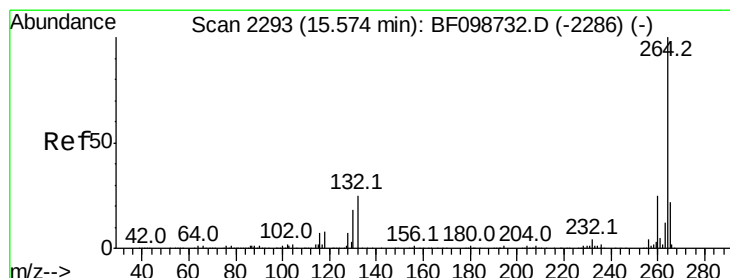
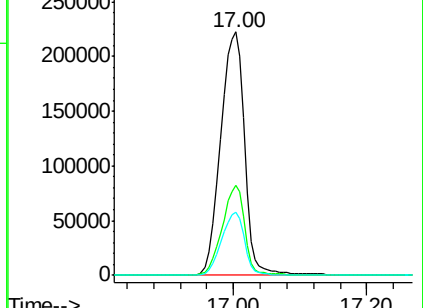
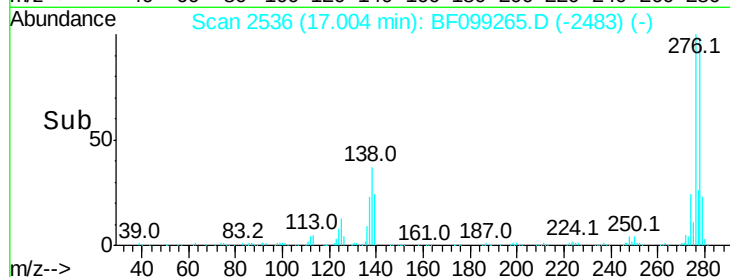
277 25.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

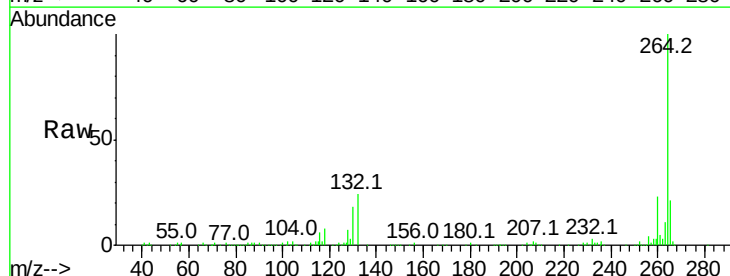
Tgt Ion:264 Resp: 252480

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

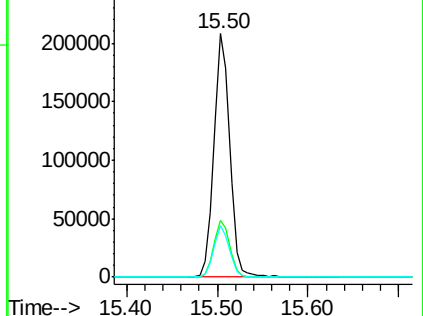
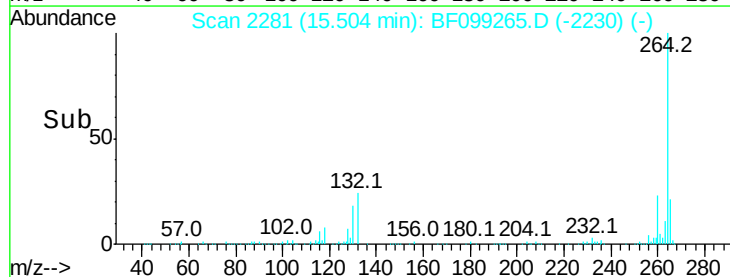
265 21.3 17.5 26.3

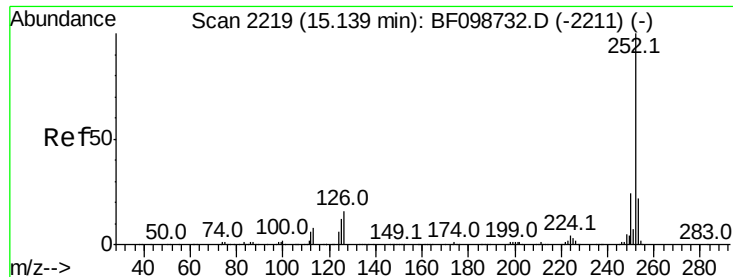


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

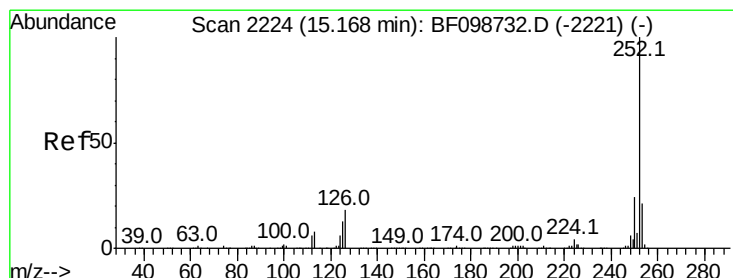
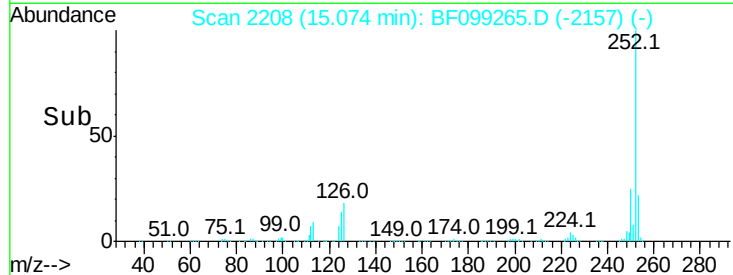
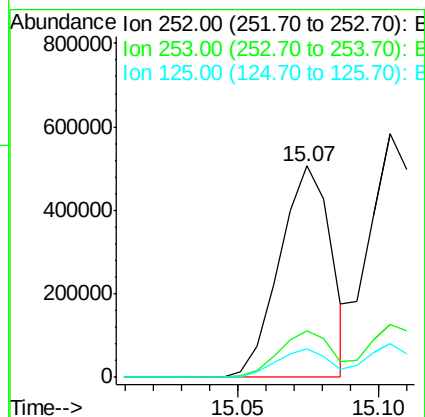
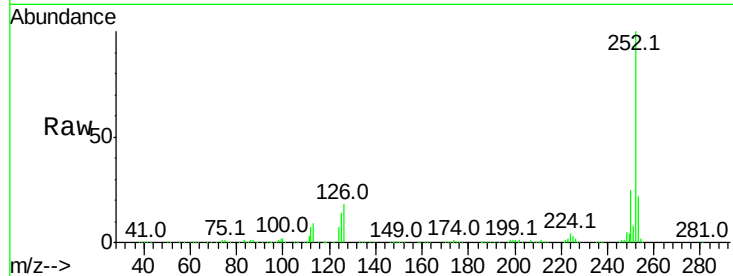




#87
Benzo(b)fluoranthene
Concen: 41.291 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

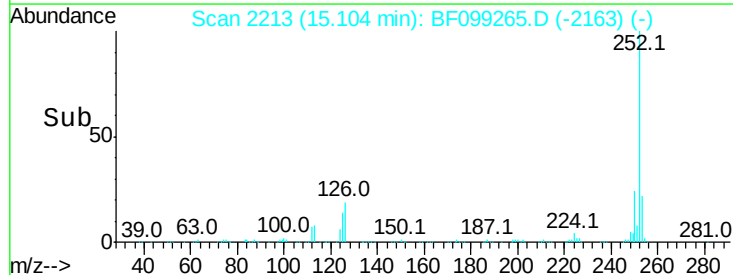
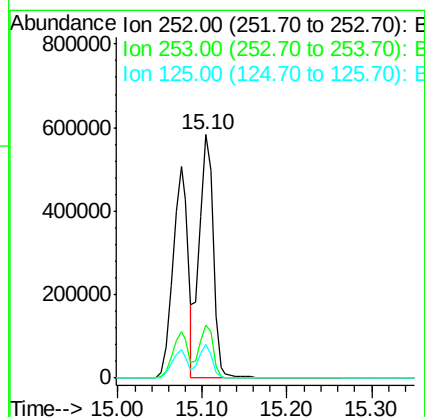
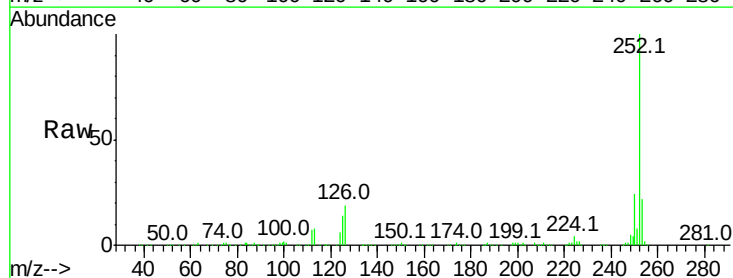
Instrument :
BNA_F
ClientSampled :

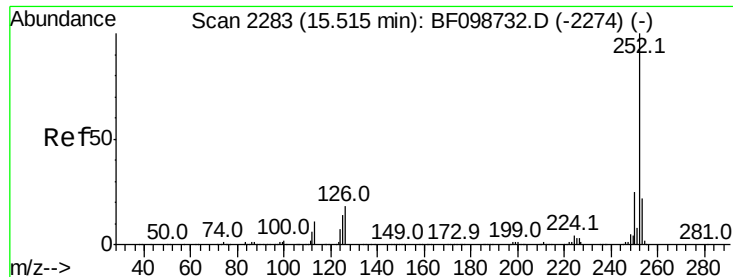
Tot Ion:252 Resp: 640975
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 13.7 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 43.060 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion:252 Resp: 660226
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 13.9 10.2 15.2

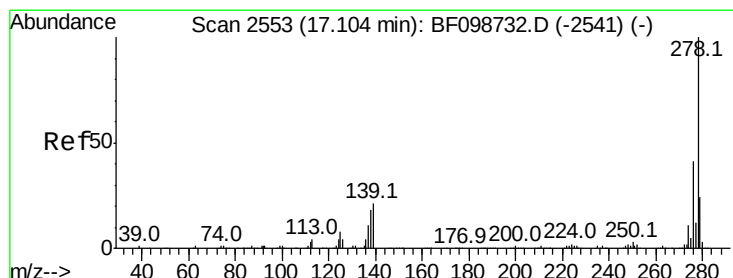
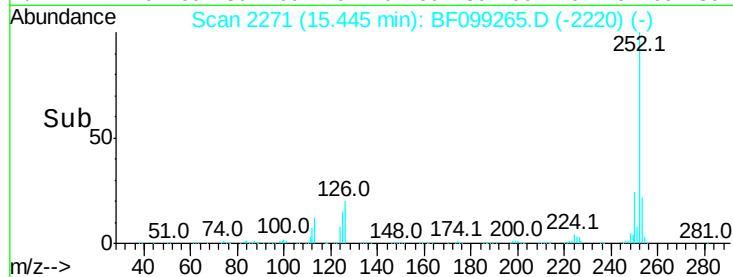
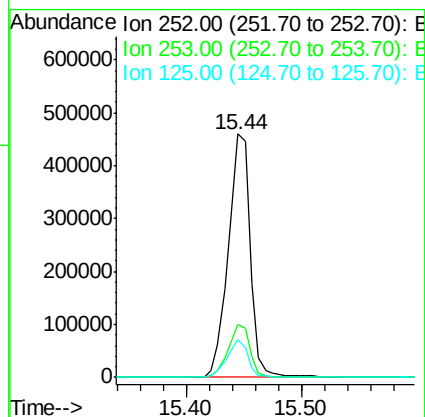
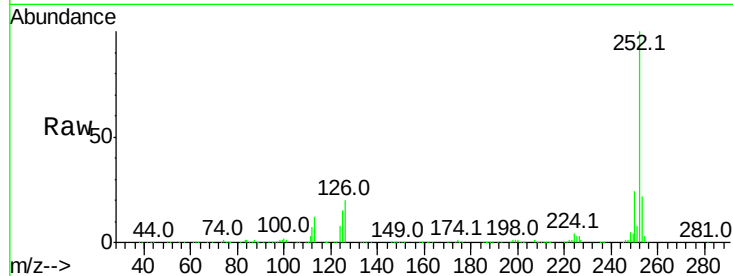




#89
Benzo(a)pyrene
Concen: 42.736 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

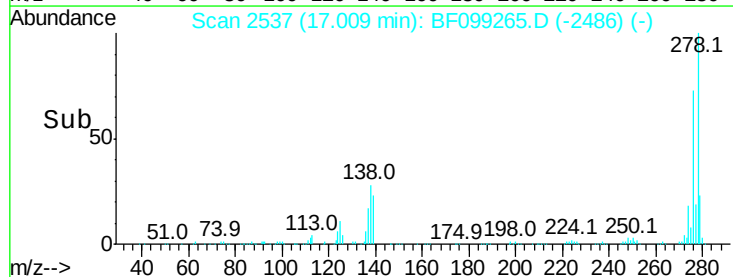
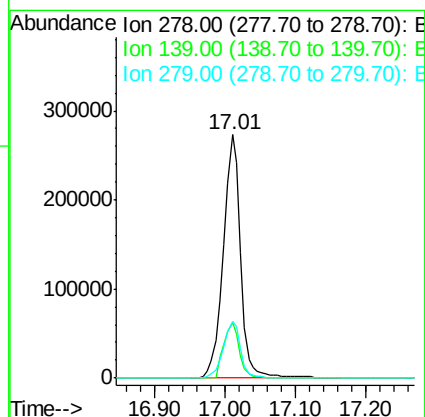
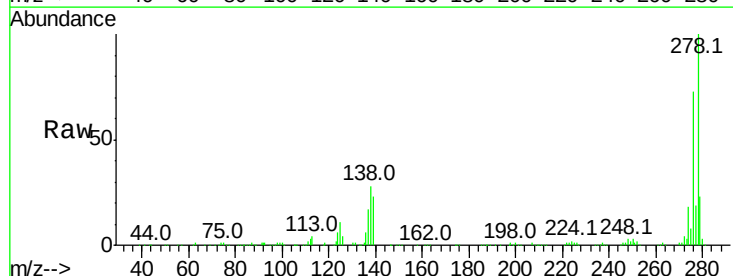
Instrument :
BNA_F
ClientSampleId :

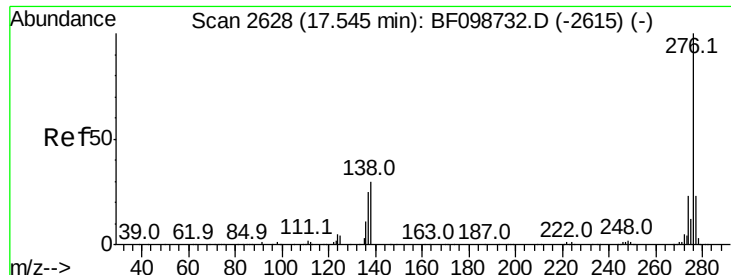
Tot Ion:252 Resp: 608966
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 15.2 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 40.892 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.00 min
Lab File: BF099265.D
Acq: 9 Oct 2017 16:33

Tgt Ion:278 Resp: 466322
Ion Ratio Lower Upper
278 100
139 23.0 15.9 23.9
279 23.1 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 42.701 ng

RT: 17.45 min Scan# 2612

Delta R.T. 0.01 min

Lab File: BF099265.D

Acq: 9 Oct 2017 16:33

Instrument :

BNA_F

ClientSampleId :

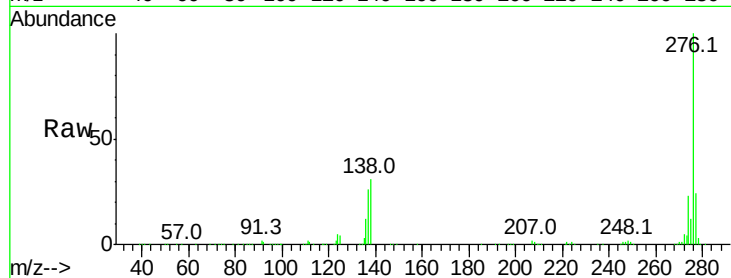
Tot Ion:276 Resp: 481342

Ion Ratio Lower Upper

276 100

277 24.4 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

