

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099097.D
 Acq On : 5 Oct 2017 11:34
 Operator : SJ/JU
 Sample : I5275-01
 Misc : LOD 5 PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 17:13:05 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 09:04:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	118460	20.00	ng	-0.06
21) Naphthalene-d8	8.15	136	491818	20.00	ng	-0.06
38) Acenaphthene-d10	9.90	164	227389	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	409025	20.00	ng	-0.06
75) Chrysene-d12	14.03	240	345024	20.00	ng	-0.06
86) Perylene-d12	15.50	264	312301	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1076724	144.69	ng	-0.05
7) Phenol-d6	6.50	99	1322959	144.12	ng	-0.05
23) Nitrobenzene-d5	7.43	82	643358	83.89	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	285622	153.51	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1170526	85.94	ng	-0.06
78) Terphenyl-d14	12.97	244	1039385	68.51	ng	-0.06

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.65	88	19642	5.526	ng	90
3) Pyridine	3.56	79	43461	4.520	ng	98
4) n-Nitrosodimethylamine	3.38	42	16262	3.988	ng	94
6) Aniline	6.53	93	65350	5.275	ng	99
8) 2-Chlorophenol	6.65	128	45775	5.432	ng	97
9) Benzaldehyde	6.42	77	20321	3.816	ng	95
10) Phenol	6.51	94	53226	5.184	ng	94
11) bis(2-Chloroethyl)ether	6.60	93	44097	5.525	ng	96
12) 1,3-Dichlorobenzene	6.80	146	50492	5.721	ng	98
13) 1,4-Dichlorobenzene	6.88	146	51354	5.719	ng	98
14) 1,2-Dichlorobenzene	7.03	146	48092	5.796	ng	99
15) Benzyl Alcohol	7.00	79	43554	6.467	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	64549	5.191	ng	97
17) 2-Methylphenol	7.11	107	36595	5.307	ng	99
18) Hexachloroethane	7.37	117	16867	5.226	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	32012	5.462	ng	97
20) 3+4-Methylphenols	7.26	107	49759	5.704	ng	# 80
22) Acetophenone	7.27	105	69583	5.840	ng	99
24) Nitrobenzene	7.45	77	49693	5.712	ng	98
25) Isophorone	7.68	82	83382	5.259	ng	98
26) 2-Nitrophenol	7.76	139	22590	5.400	ng	93
27) 2,4-Dimethylphenol	7.79	122	40840	5.169	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	55651	5.632	ng	98
29) 2,4-Dichlorophenol	8.00	162	37375	5.510	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	39548	5.829	ng	97
31) Naphthalene	8.17	128	136193	5.896	ng	99
33) 4-Chloroaniline	8.22	127	53080	5.503	ng	97
34) Hexachlorobutadiene	8.28	225	19753	5.653	ng	96
35) Caprolactam	8.55	113	11510	5.290	ng	93
36) 4-Chloro-3-methylphenol	8.69	107	41506	5.444	ng	99
37) 2-Methylnaphthalene	8.86	142	86885	5.786	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	40203	5.928	ng	99
42) 2,4,6-Trichlorophenol	9.13	196	24248	5.047	ng	97
43) 2,4,5-Trichlorophenol	9.17	196	24227	5.052	ng	94

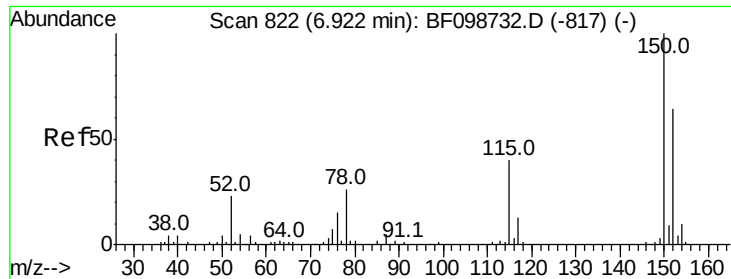
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.32	154	119643	6.122	nq	98
46) 2-Chloronaphthalene	9.35	162	85602	5.834	nq	98
47) 2-Nitroaniline	9.44	65	23263	5.178	nq	96
48) Acenaphthylene	9.76	152	131140	5.838	nq	98
49) Dimethylphthalate	9.61	163	99974	5.825	nq	99
50) 2,6-Dinitrotoluene	9.68	165	20581	5.508	nq	92
51) Acenaphthene	9.93	154	81199	5.707	nq	100
52) 3-Nitroaniline	9.85	138	24636	5.655	nq	99
53) 2,4-Dinitrophenol	9.96	184	2982	7.249	nq	96
54) Dibenzofuran	10.10	168	112695	5.949	nq	99
55) 4-Nitrophenol	10.00	139	15522	4.214	nq	93
56) 2,4-Dinitrotoluene	10.08	165	27362	5.643	nq	98
57) Fluorene	10.45	166	96891	6.363	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	16138	4.871	nq	# 99
59) Diethylphthalate	10.32	149	97489	5.813	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	41731	6.101	nq	95
61) 4-Nitroaniline	10.46	138	24025	5.716	nq	90
62) Azobenzene	10.60	77	87587	5.680	nq	98
64) 4,6-Dinitro-2-methylphenol	10.49	198	8997	3.615	nq	98
65) n-Nitrosodiphenylamine	10.56	169	82517	5.823	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	22606	5.646	nq	98
67) Hexachlorobenzene	11.00	284	25007	5.848	nq	92
68) Atrazine	11.07	200	23077	5.413	nq	98
69) Pentachlorophenol	11.19	266	8137	3.058	nq	94
70) Phenanthrene	11.41	178	135925	6.208	nq	97
71) Anthracene	11.46	178	135029	6.028	nq	99
72) Carbazole	11.62	167	132460	6.038	nq	99
73) Di-n-butylphthalate	11.94	149	157814	5.977	nq	98
74) Fluoranthene	12.60	202	132779	5.989	nq	97
76) Benzidine	12.72	184	49763	3.900	nq	99
77) Pyrene	12.83	202	141944	5.395	nq	98
79) Butylbenzylphthalate	13.44	149	63359	5.124	nq	99
80) Benzo(a)anthracene	14.02	228	118177	5.657	nq	97
81) 3,3'-Dichlorobenzidine	13.97	252	42299	5.523	nq	100
82) Chrysene	14.05	228	116959	5.880	nq	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	96302	5.656	nq	# 98
84) Di-n-octyl phthalate	14.60	149	157890	5.759	nq	99
85) Indeno(1,2,3-cd)pyrene	16.97	276	95828	6.023	nq	96
87) Benzo(b)fluoranthene	15.06	252	110314	5.745	nq	99
88) Benzo(k)fluoranthene	15.09	252	101989	5.378	nq	97
89) Benzo(a)pyrene	15.43	252	96320	5.465	nq	97
90) Dibenzo(a,h)anthracene	16.99	278	79408	5.629	nq	97
91) Benzo(g,h,i)perylene	17.42	276	75161	5.391	nq	95

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

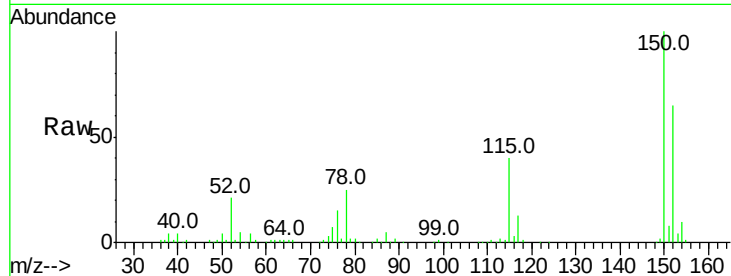


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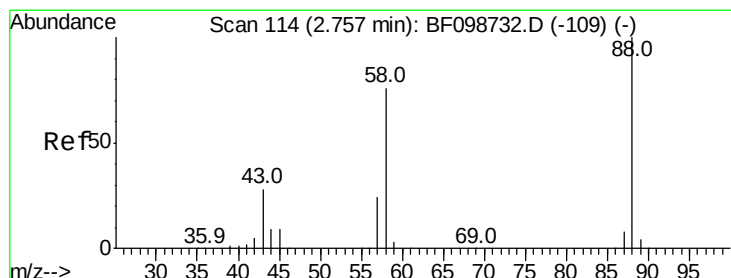
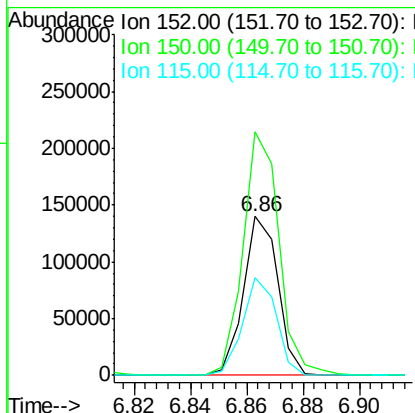
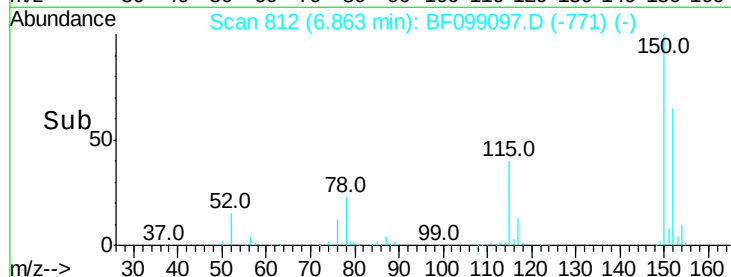
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 118460
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 61.7 50.1 75.1



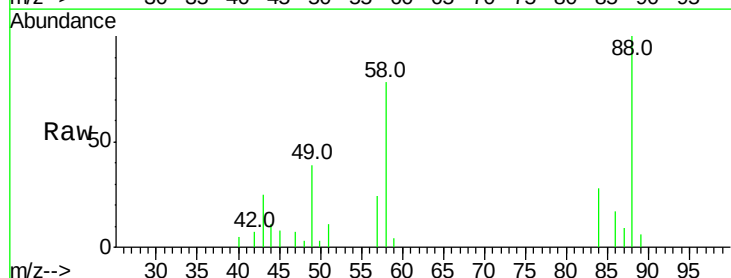
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



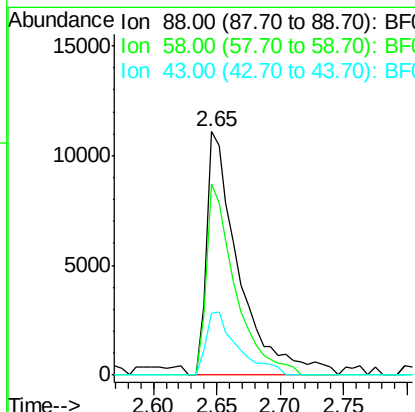
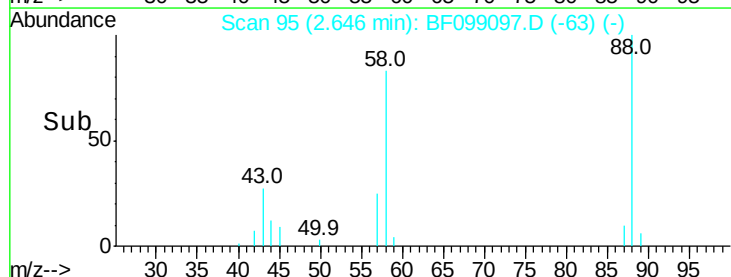
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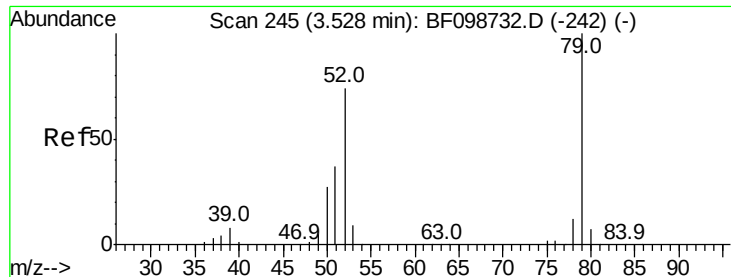
1,4-Dioxane
Concen: 5.526 ng
RT: 2.65 min Scan# 95
Delta R.T. -0.11 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

Tgt Ion: 88 Resp: 19642
Ion Ratio Lower Upper
88 100
58 70.0 62.6 93.8
43 25.4 24.6 37.0



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





#3

Pvridine

Concen: 4.520 ng

RT: 3.56 min Scan# 250

Delta R.T. 0.03 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

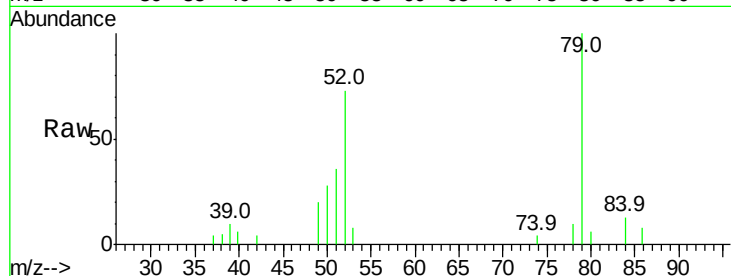
Tot Ion: 79 Resp: 43461

Ion Ratio Lower Upper

79 100

52 72.6 59.8 89.6

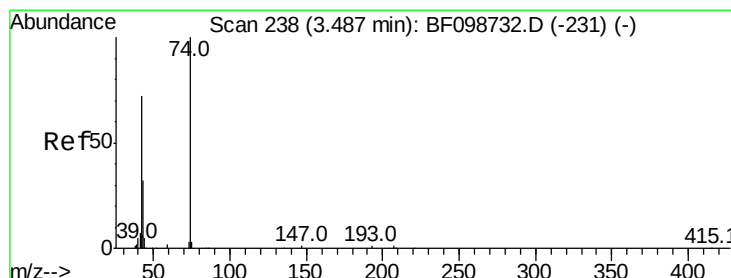
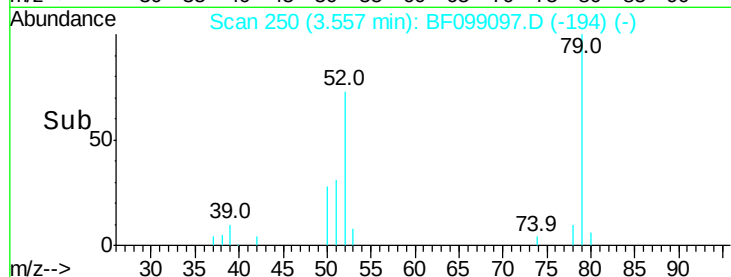
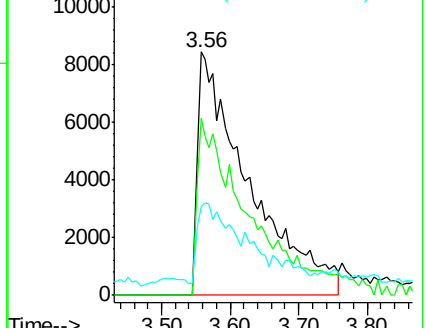
51 36.3 29.8 44.8



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: 3.988 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.11 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

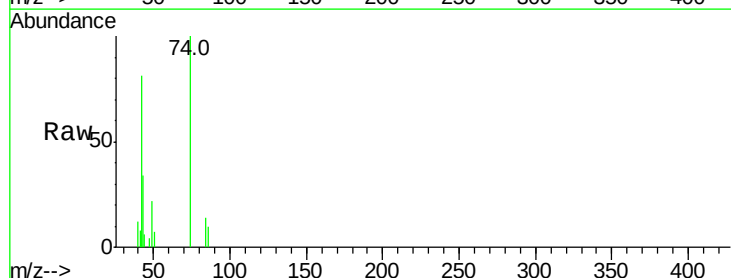
Tgt Ion: 42 Resp: 16262

Ion Ratio Lower Upper

42 100

74 123.2 104.9 157.3

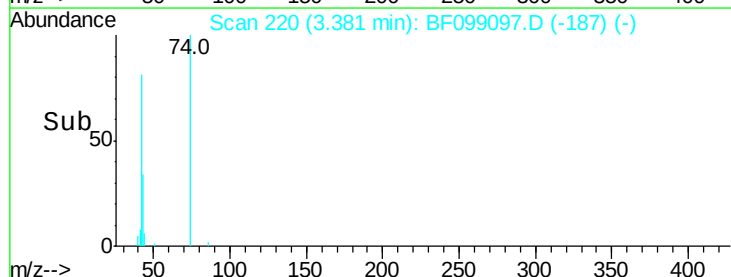
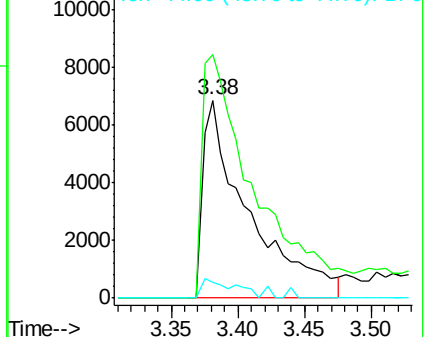
44 7.7 6.9 10.3

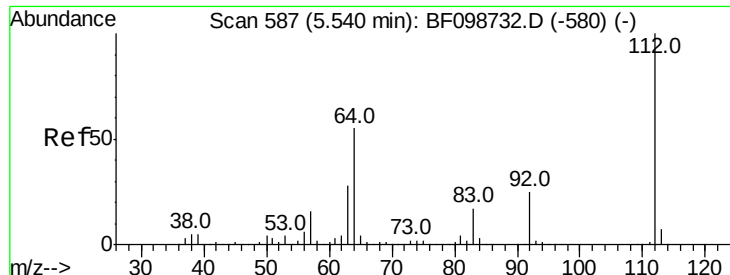


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 144.693 ng

RT: 5.49 min Scan# 578

Delta R.T. -0.05 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

Instrument :

BNA_F

ClientSampled :

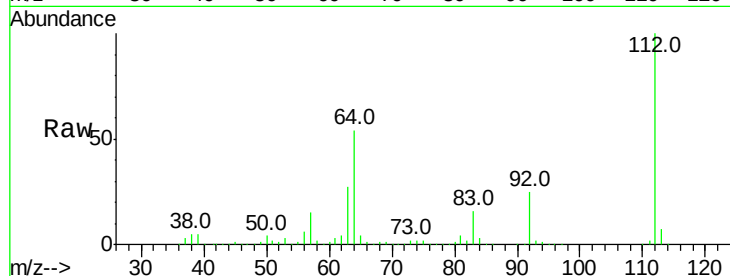
Tot Ion:112 Resp: 1076724

Ion Ratio Lower Upper

112 100

64 54.4 47.9 71.9

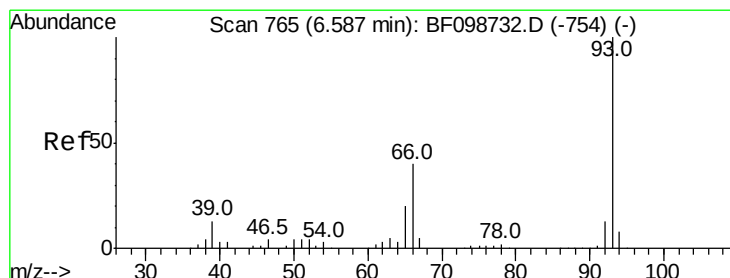
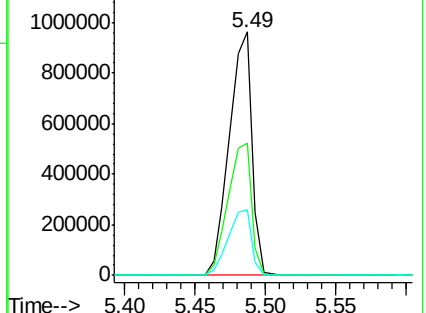
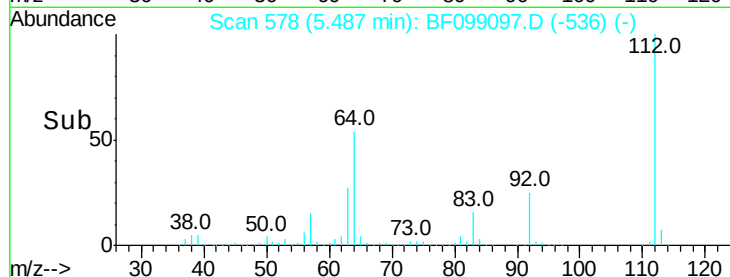
63 27.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 5.275 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.05 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

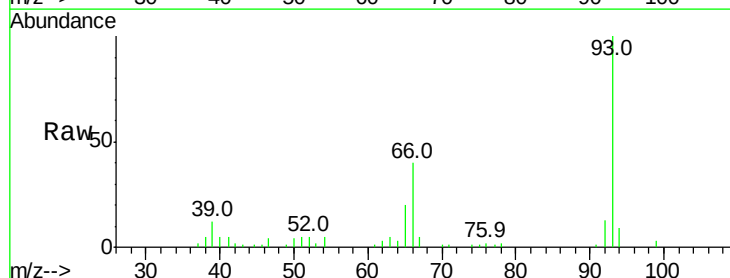
Tgt Ion: 93 Resp: 65350

Ion Ratio Lower Upper

93 100

66 40.0 32.2 48.2

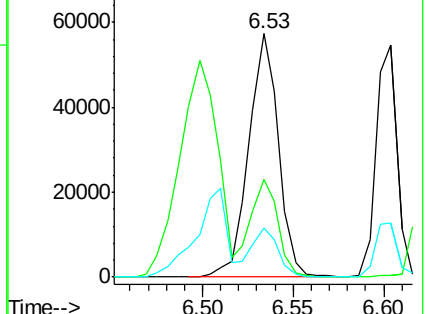
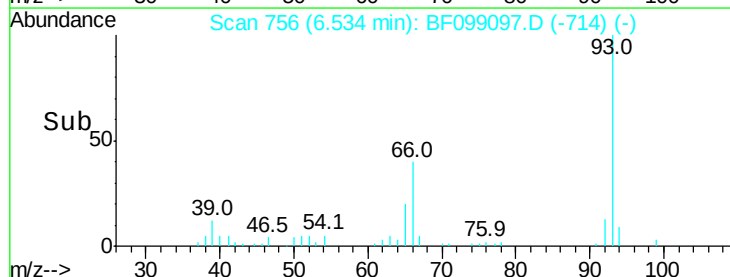
65 20.0 16.4 24.6

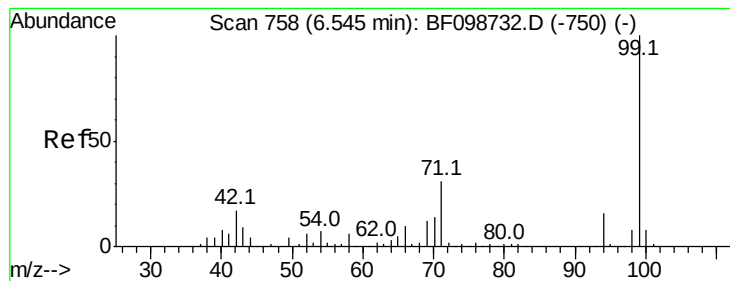


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 144.116 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

Instrument :

BNA_F

ClientSampled :

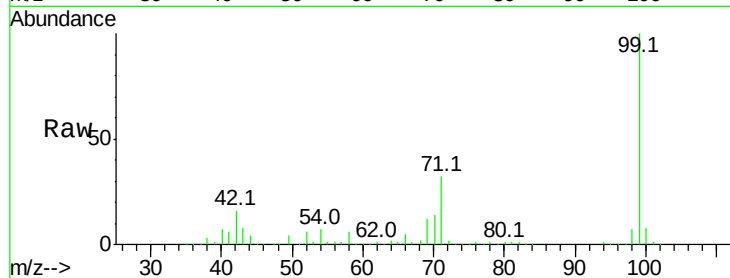
Tot Ion: 99 Resp: 1322959

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	31.6	25.4	38.0

99 100

42 16.3 14.5 21.7

71 31.6 25.4 38.0

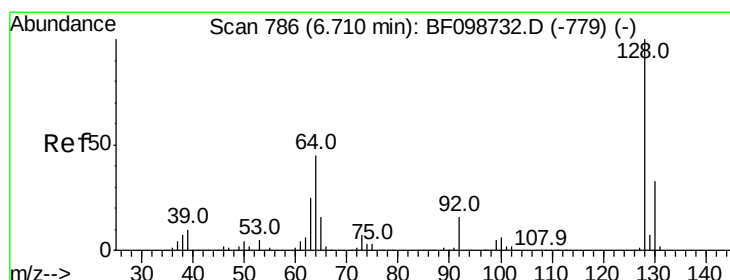
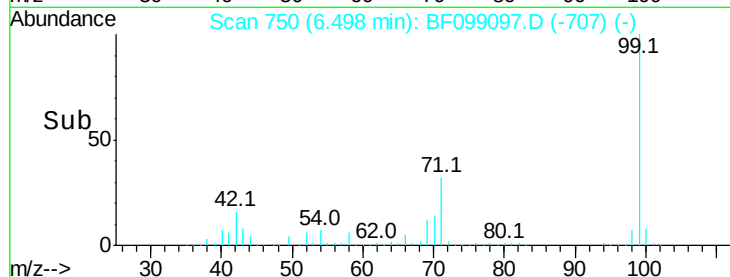
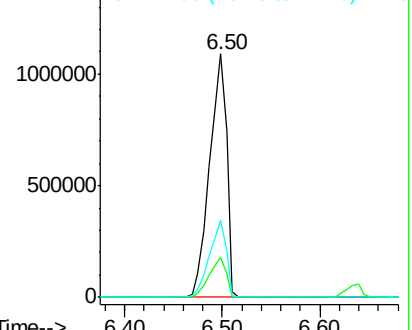


Abundance

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: 5.432 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.06 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

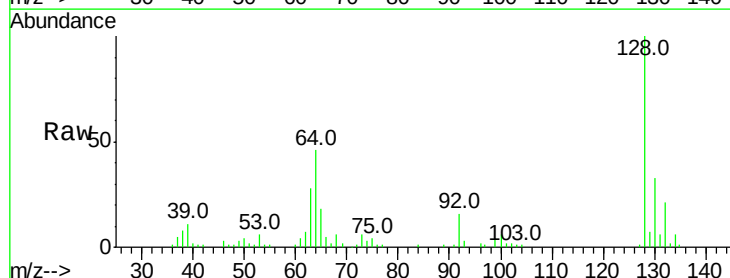
Tgt Ion: 128 Resp: 45775

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.0	53.0
64	45.7	29.4	69.4

128 100

130 33.0 13.0 53.0

64 45.7 29.4 69.4

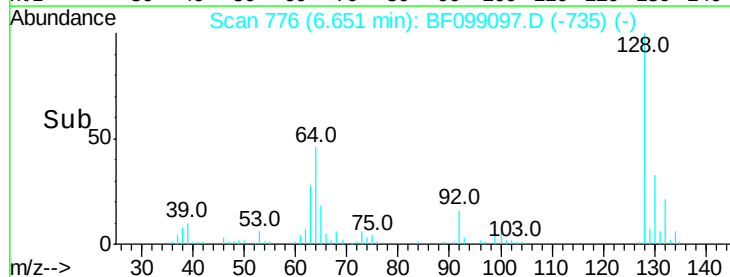
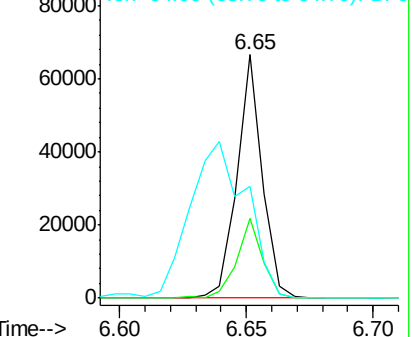


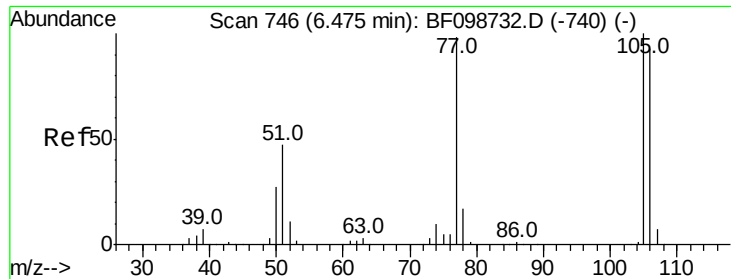
Abundance

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

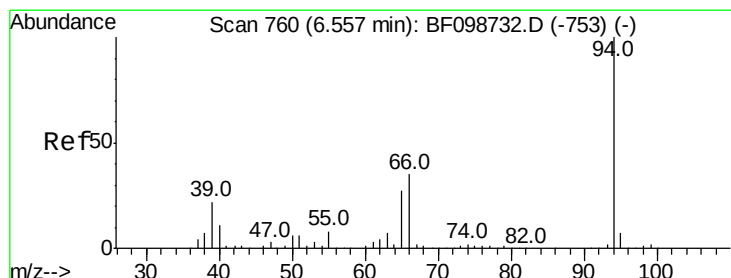
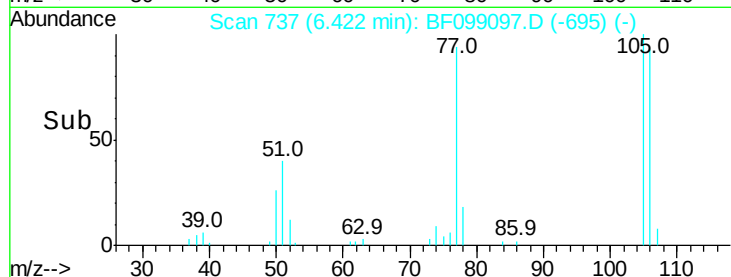
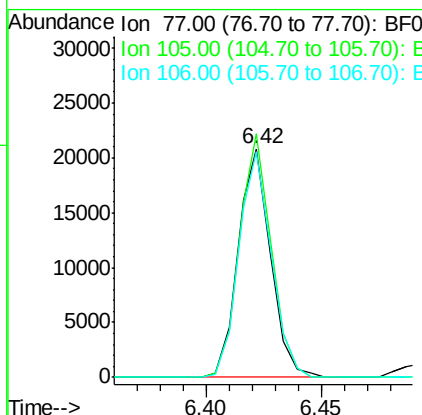
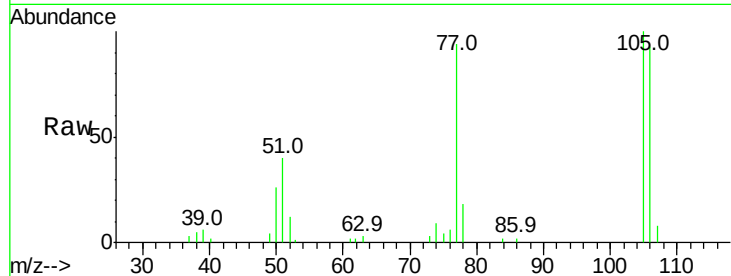




#9
Benzaldehyde
Concen: 3.816 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.05 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

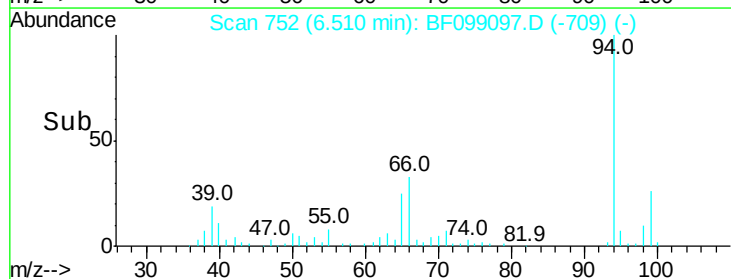
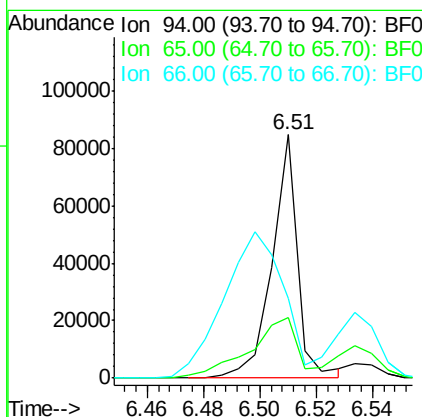
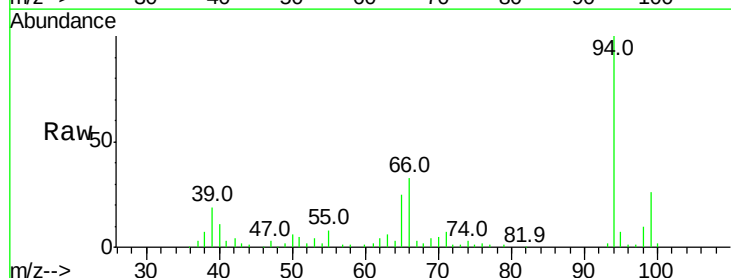
Instrument :
BNA_F
ClientSampled :

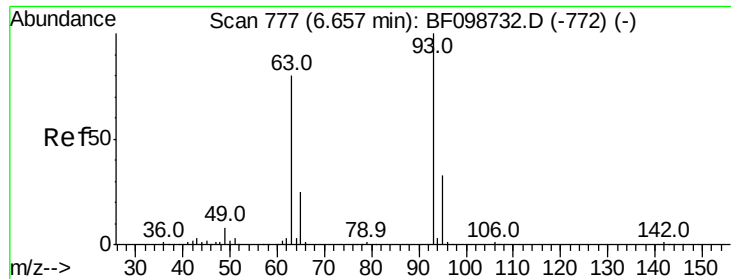
Tot Ion: 77 Resp: 20321
Ion Ratio Lower Upper
77 100
105 106.5 81.1 121.1
106 98.7 74.5 114.5



#10
Phenol
Concen: 5.184 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.05 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

Tgt Ion: 94 Resp: 53226
Ion Ratio Lower Upper
94 100
65 24.8 7.9 47.9
66 32.5 16.2 56.2

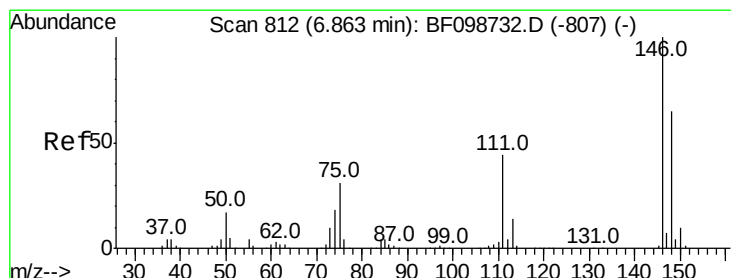
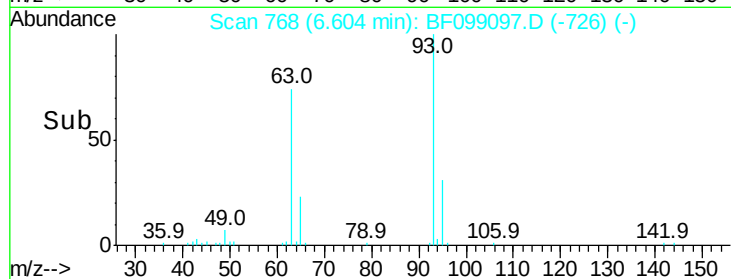
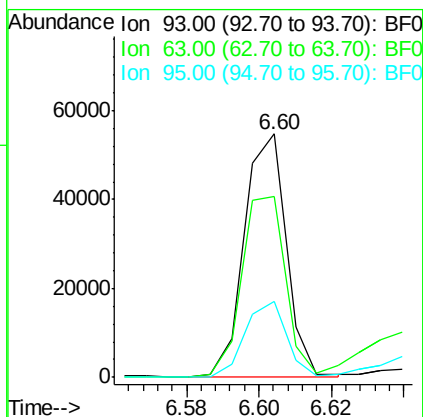
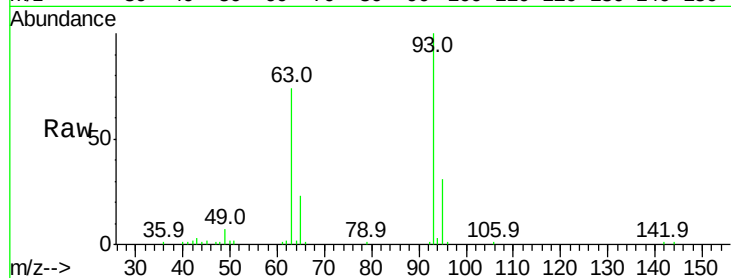




#11
bis(2-Chloroethyl)ether
Concen: 5.525 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

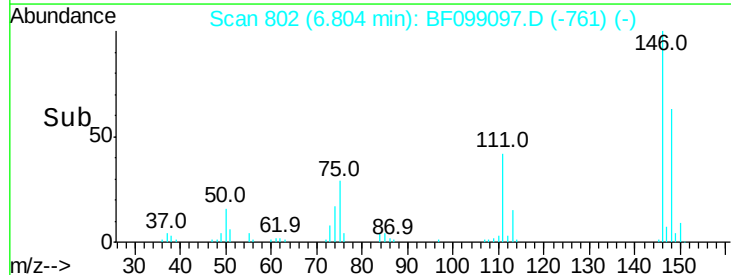
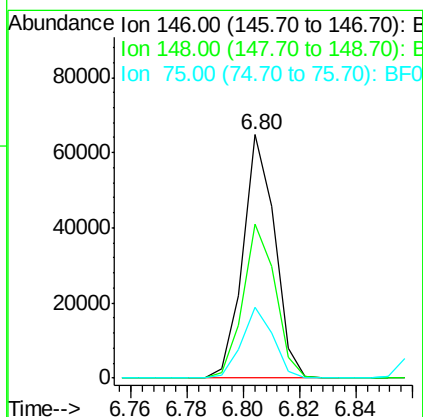
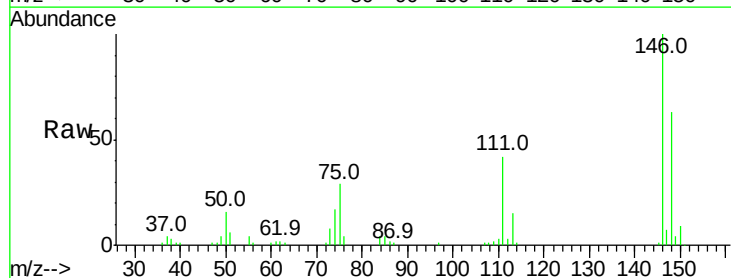
Instrument :
BNA_F
ClientSampleId :

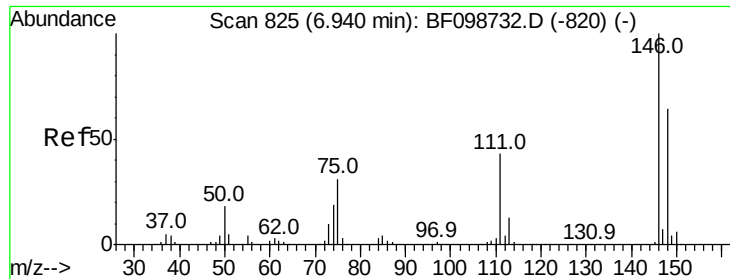
Tot Ion:	93	Resp:	44097
Ion	Ratio	Lower	Upper
93	100		
63	74.1	58.6	98.6
95	31.4	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 5.721 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.06 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

Tgt Ion:	146	Resp:	50492
Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.8
75	29.3	24.2	36.4

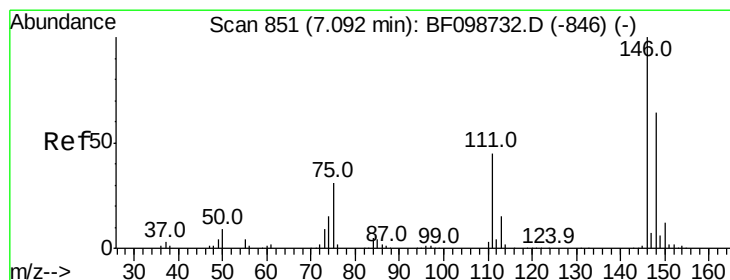
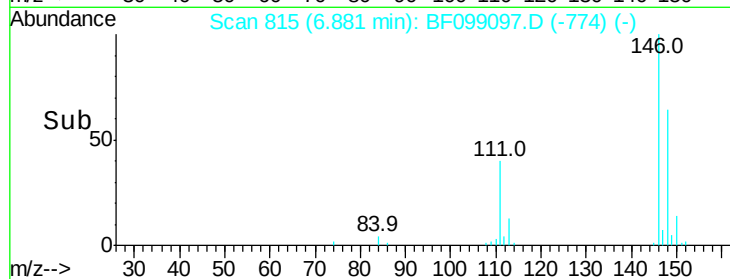
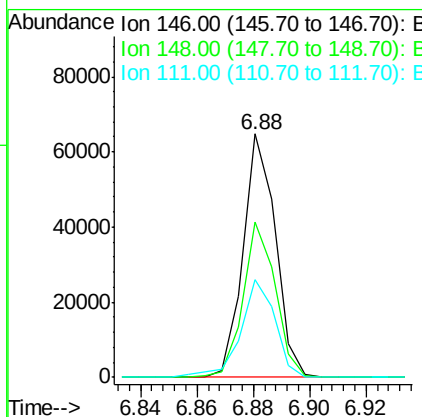
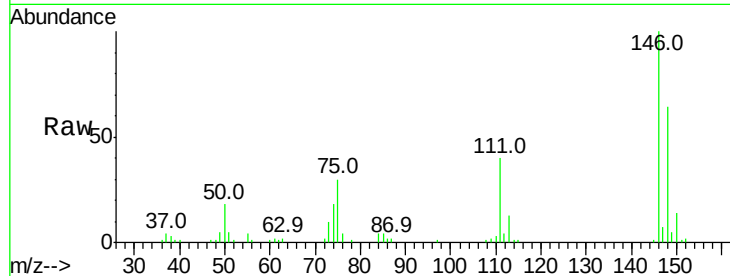




#13
 1,4-Dichlorobenzene
 Concen: 5.719 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

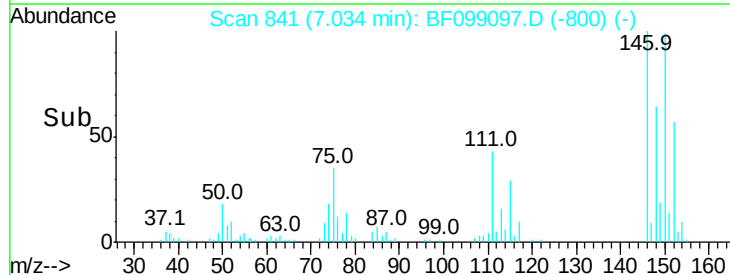
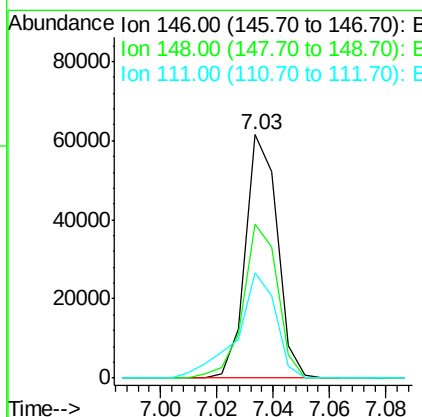
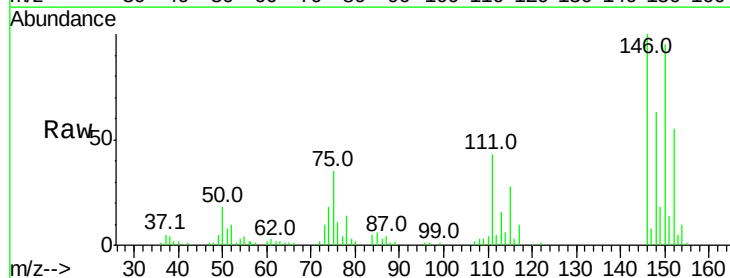
Instrument :
 BNA_F
 ClientSampleId :

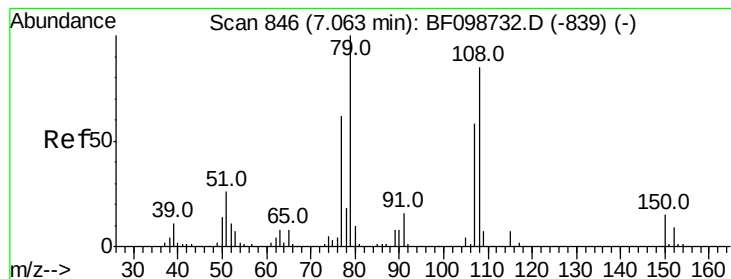
Tot Ion:146 Resp: 51354
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 40.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 5.796 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

Tgt Ion:146 Resp: 48092
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 75.8
 111 43.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 6.467 ng

RT: 7.00 min Scan# 836

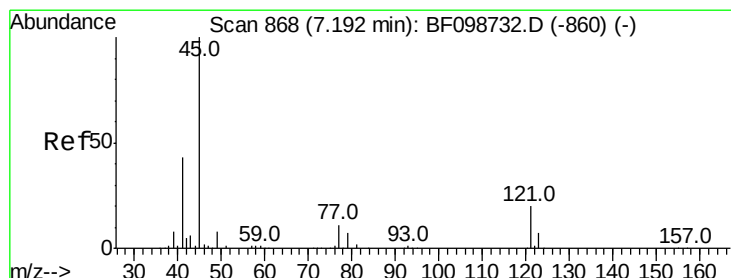
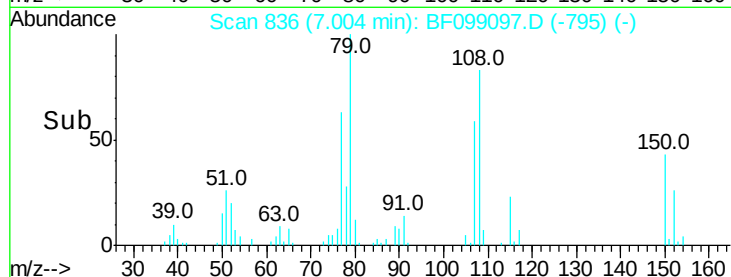
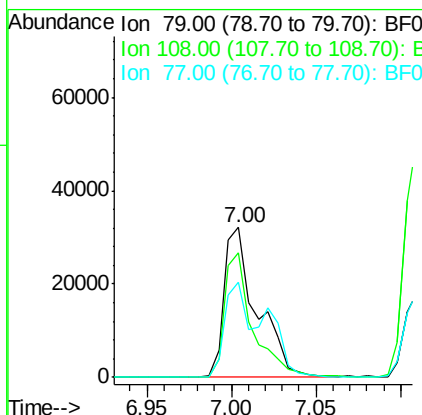
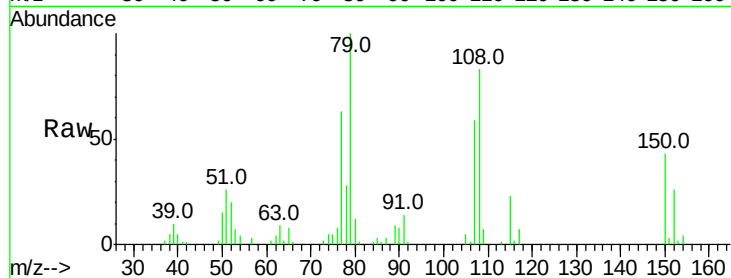
Delta R.T. -0.06 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:	79	Resp:	43554
Ion	Ratio	Lower	Upper
79	100		
108	83.4	65.1	97.7
77	63.4	50.6	75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 5.191 ng

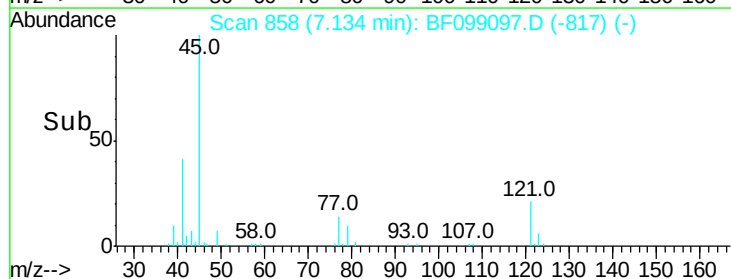
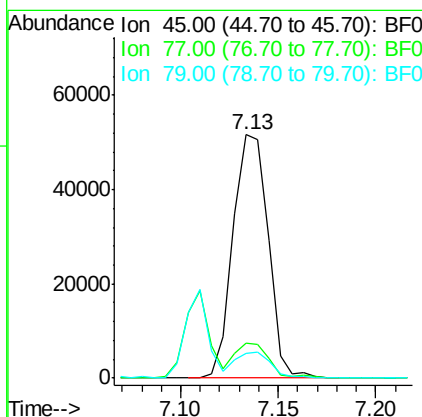
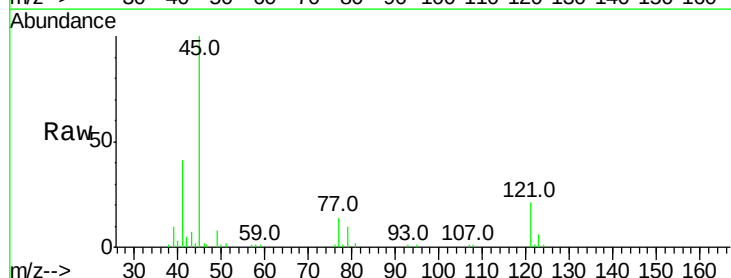
RT: 7.13 min Scan# 858

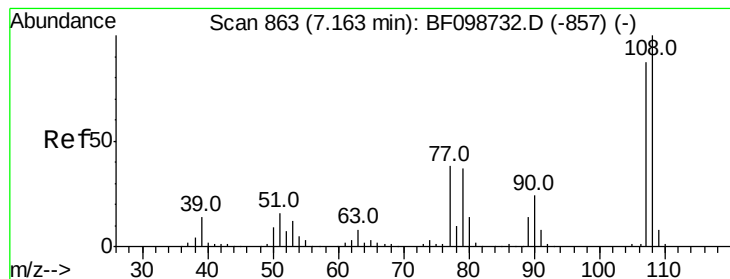
Delta R.T. -0.06 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

Tgt Ion:	45	Resp:	64549
Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	32.9
79	10.4	0.0	29.6





#17

2-Methylphenol

Concen: 5.307 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.05 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 36595

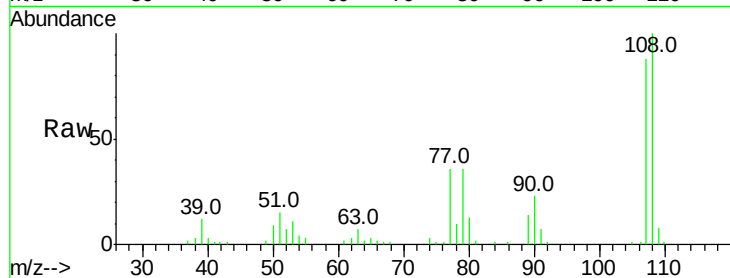
Ion Ratio Lower Upper

107 100

108 114.0 91.7 137.5

77 40.8 33.8 50.8

79 40.9 33.8 50.8

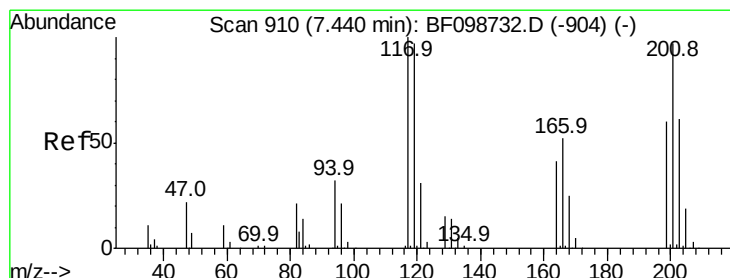
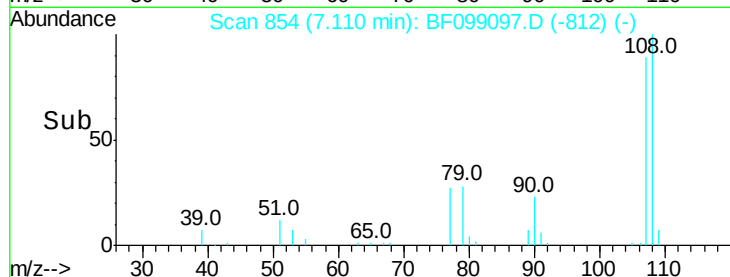
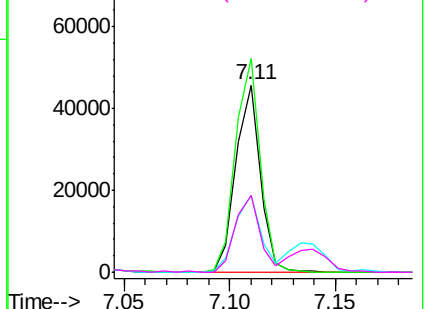


Abundance Ion 107.00 (106.70 to 107.70): E

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: 5.226 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.06 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

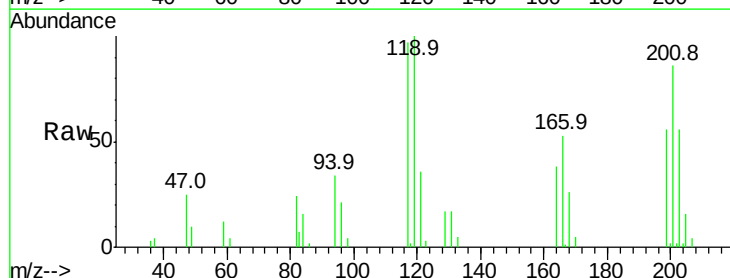
Tgt Ion:117 Resp: 16867

Ion Ratio Lower Upper

117 100

119 103.0 75.8 113.8

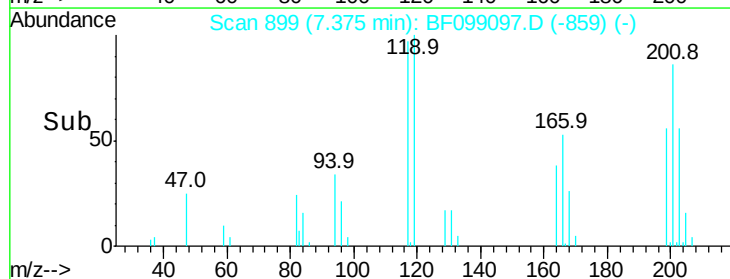
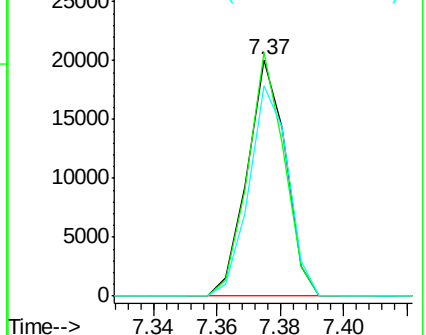
201 89.0 75.7 113.5

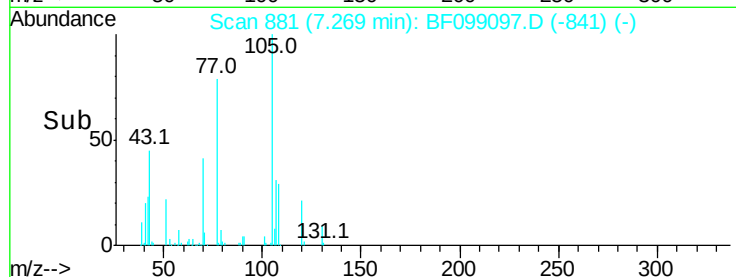
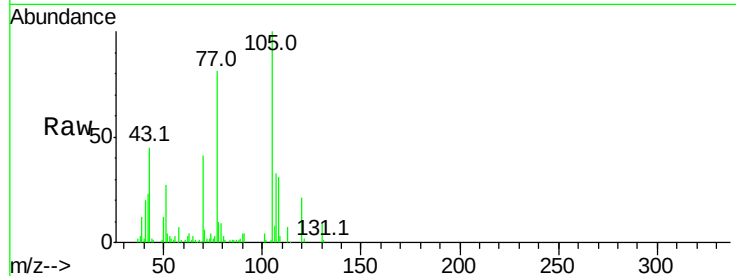
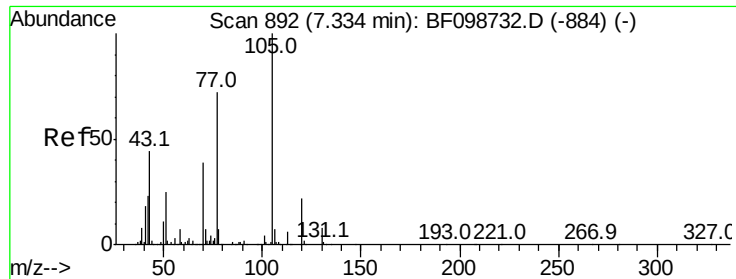


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

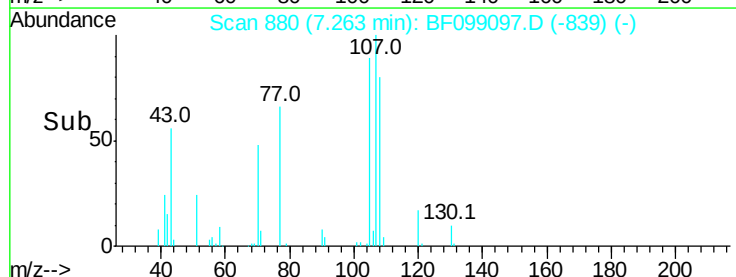
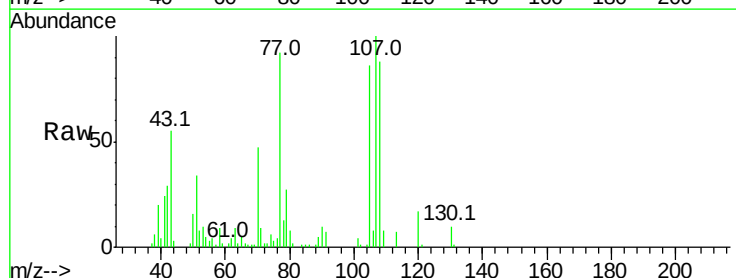
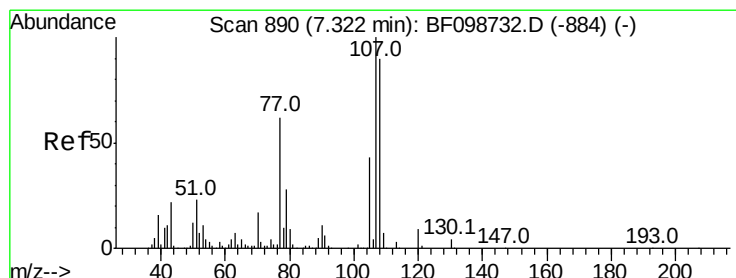
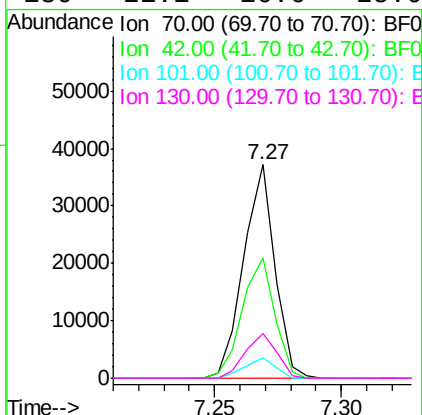




#19
n-Nitroso-di-n-propylamine
Concen: 5.462 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.06 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

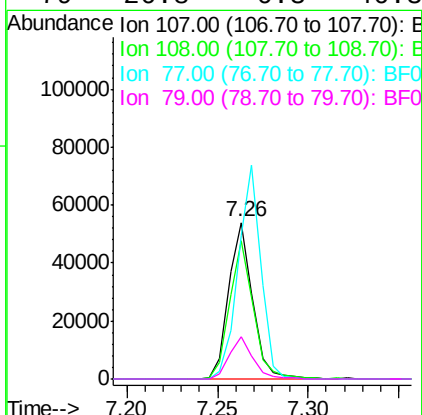
Instrument :
BNA_F
ClientSampleId :

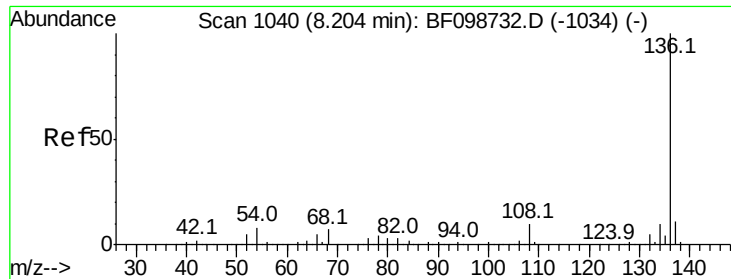
Tot Ion:	70	Resp:	32012
Ion	Ratio	Lower	Upper
70	100		
42	56.3	47.5	71.3
101	9.6	7.4	11.2
130	21.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 5.704 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.06 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

Tgt Ion:	107	Resp:	49759
Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.2	108.2
77	91.5	26.7	66.7#
79	26.8	6.3	46.3

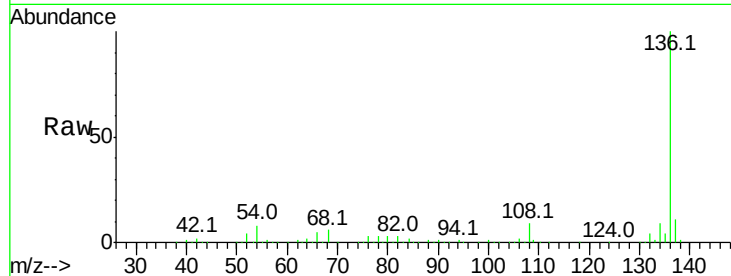




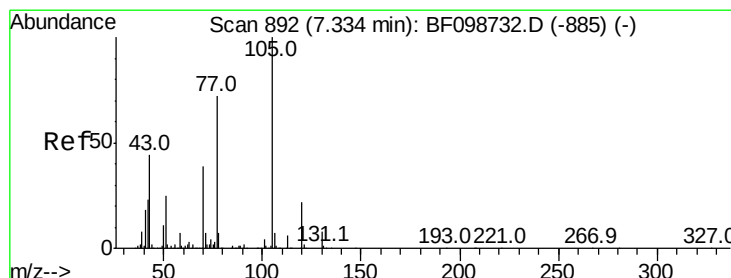
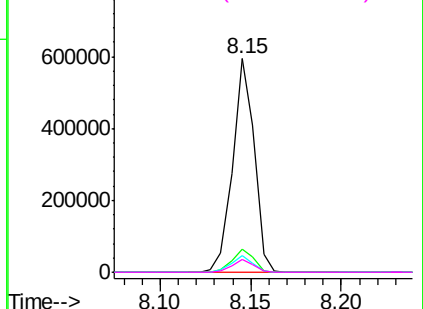
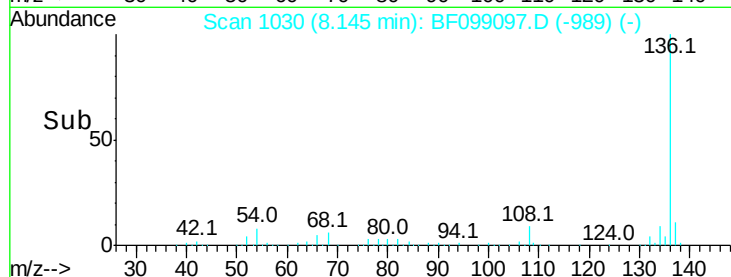
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	491818
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.8	6.6	9.8
68	6.3	5.0	7.4

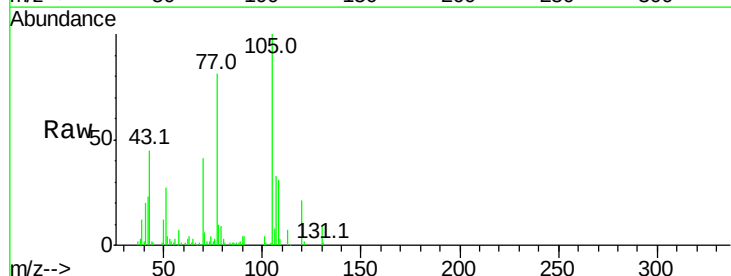


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

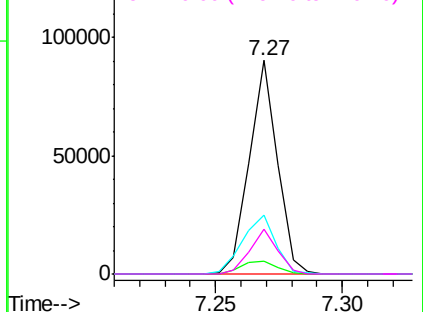
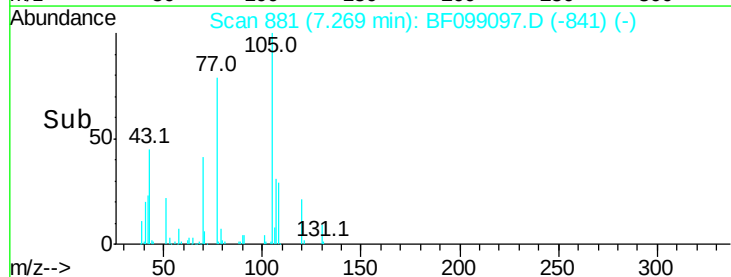


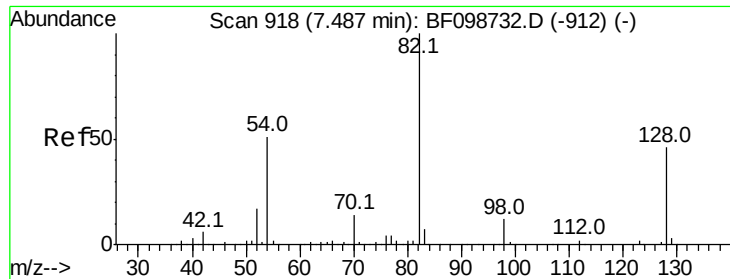
#22
Acetophenone
Concen: 5.840 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.06 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

Tgt Ion:	105	Resp:	69583
Ion	Ratio	Lower	Upper
105	100		
71	6.3	4.4	6.6
51	27.4	22.3	33.5
120	20.9	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

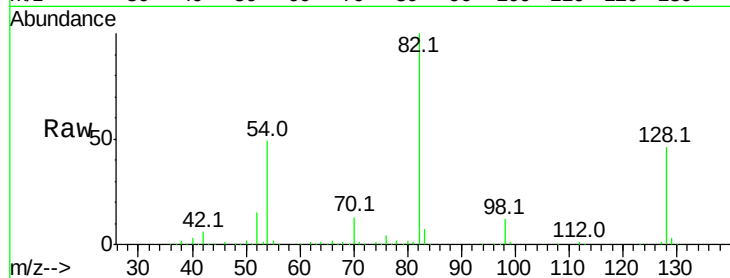




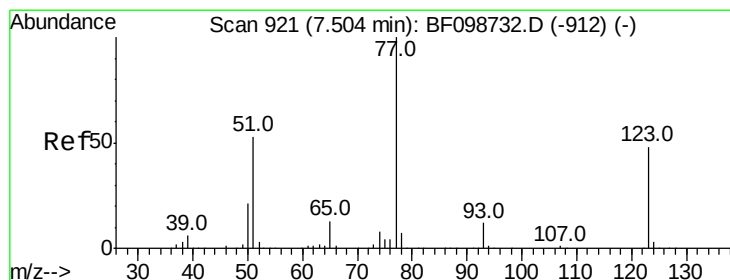
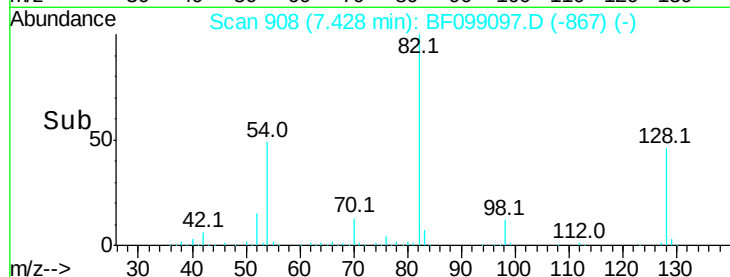
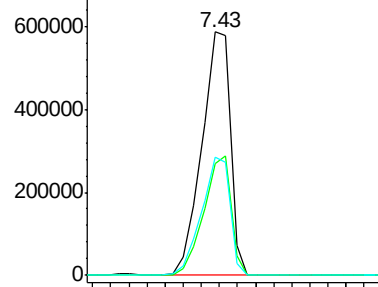
#23
 Nitrobenzene-d5
 Concen: 83.890 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	643358
Ion Ratio	100	Lower	Upper
128	45.9	36.1	54.1
54	48.7	41.4	62.2

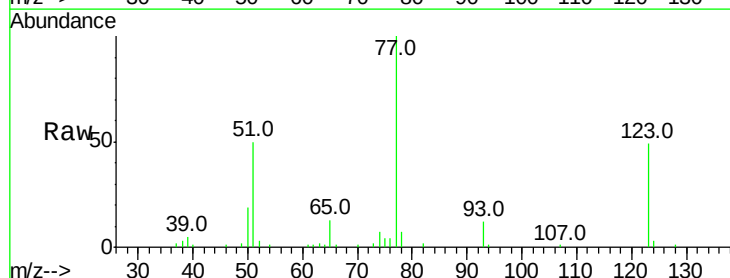


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

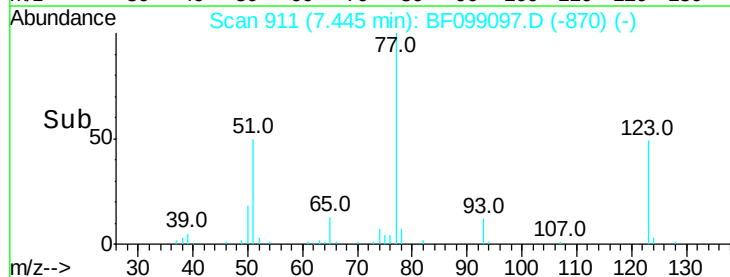
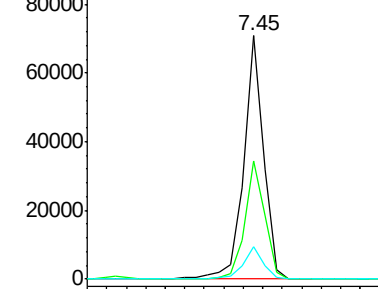


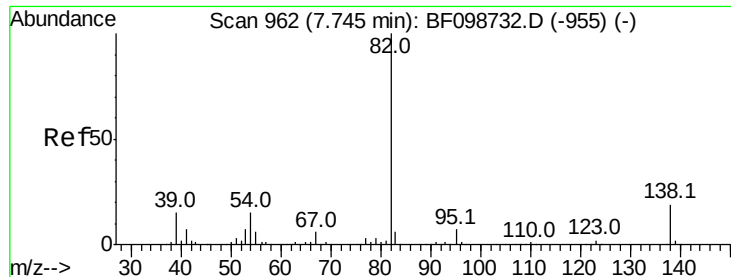
#24
 Nitrobenzene
 Concen: 5.712 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

Tgt Ion	77	Resp	49693
Ion Ratio	100	Lower	Upper
123	48.6	37.9	56.9
65	13.4	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: 5.259 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.06 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

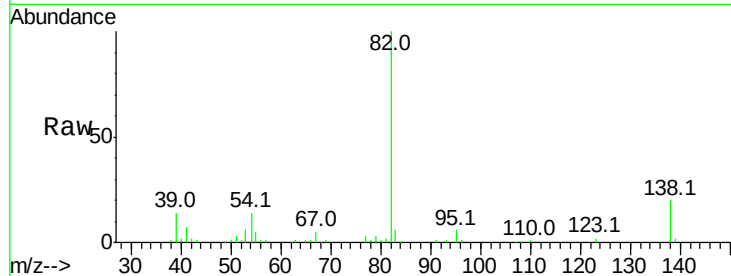
Tot Ion: 82 Resp: 83382

Ion Ratio Lower Upper

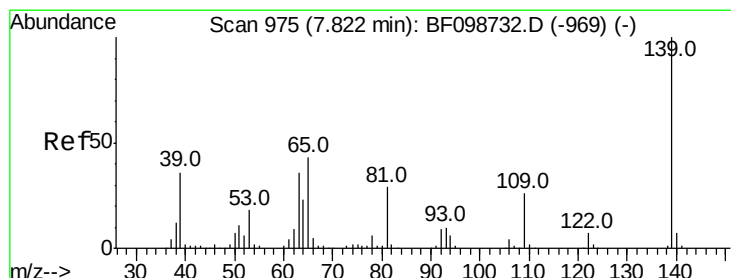
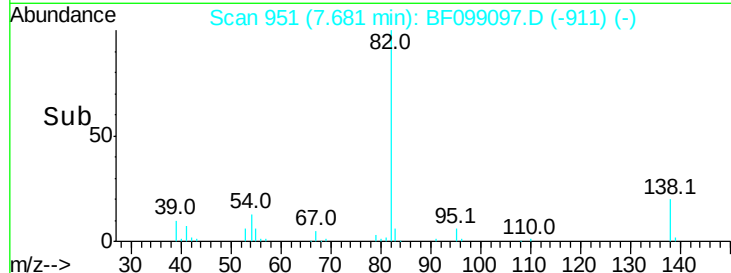
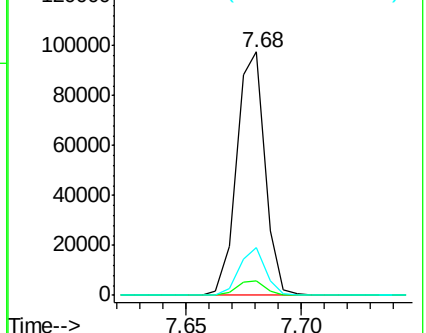
82 100

95 6.1 5.2 7.8

138 19.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 5.400 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.06 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

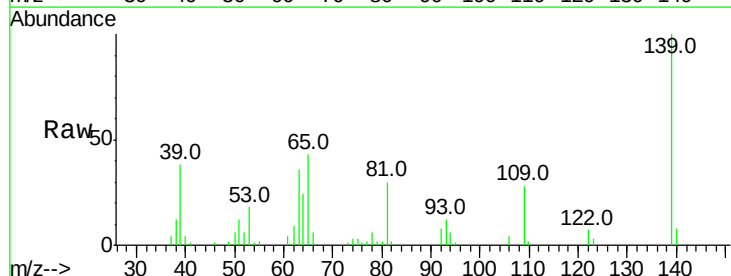
Tgt Ion: 139 Resp: 22590

Ion Ratio Lower Upper

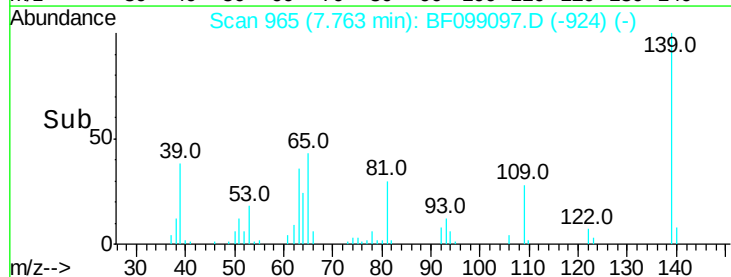
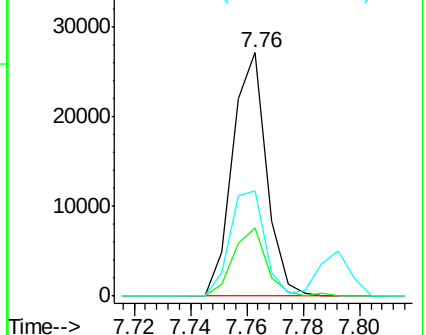
139 100

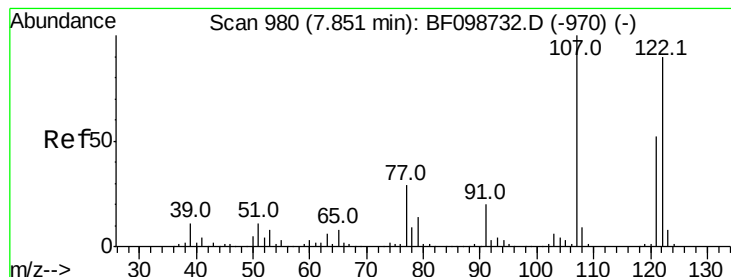
109 28.2 22.7 34.1

65 43.3 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 5.169 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.06 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

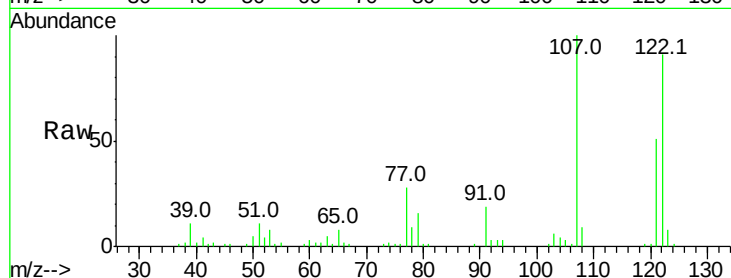
Tot Ion:122 Resp: 40840

Ion Ratio Lower Upper

122 100

107 110.1 91.2 136.8

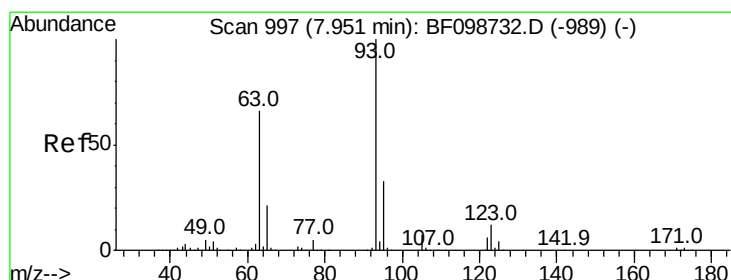
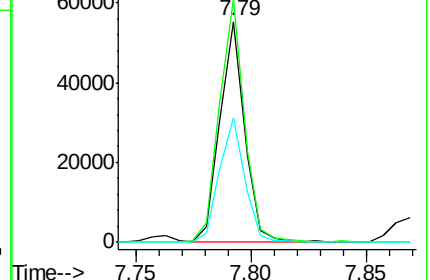
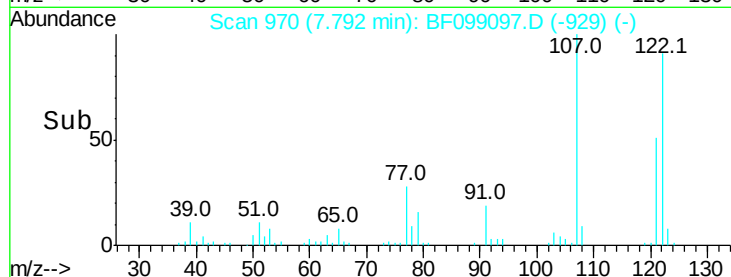
121 56.0 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 5.632 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.06 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

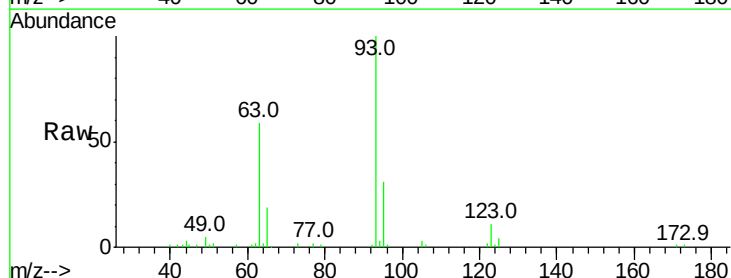
Tgt Ion: 93 Resp: 55651

Ion Ratio Lower Upper

93 100

95 31.5 26.3 39.5

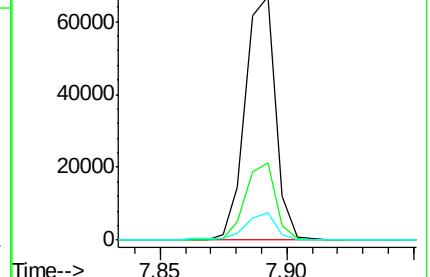
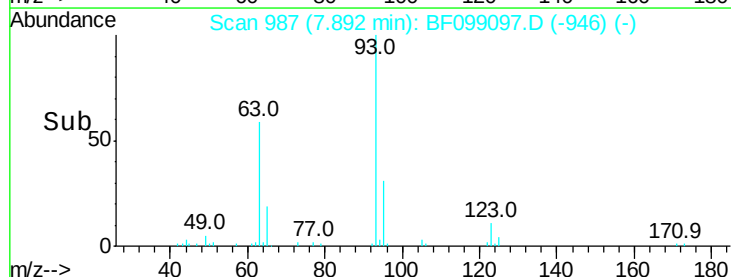
123 11.4 9.8 14.6

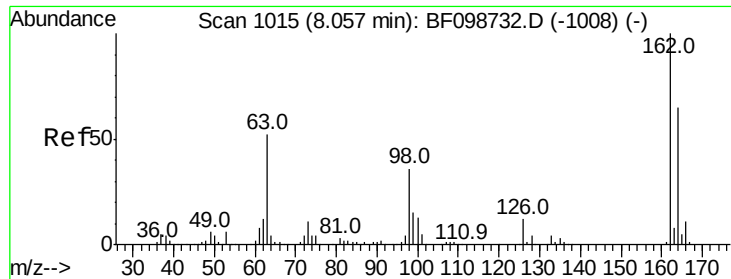


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

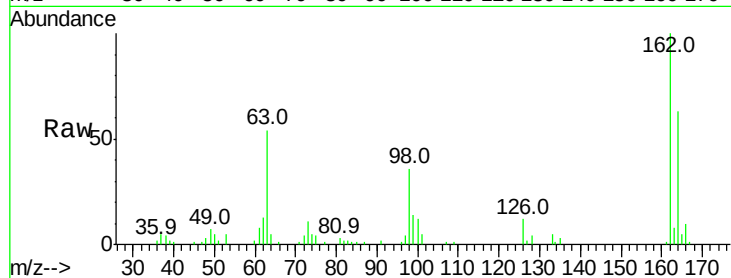




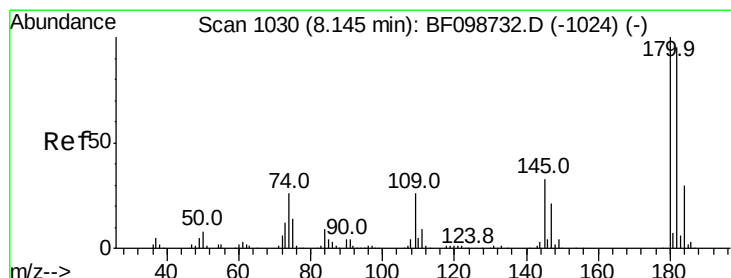
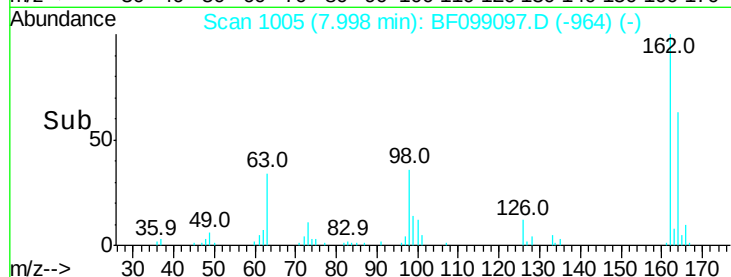
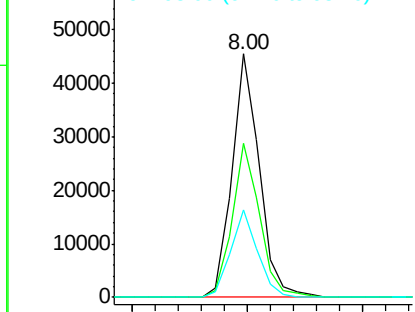
#29
 2,4-Dichlorophenol
 Concen: 5.510 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 37375
 Ion Ratio Lower Upper
 162 100
 164 63.1 42.7 82.7
 98 36.0 18.1 58.1

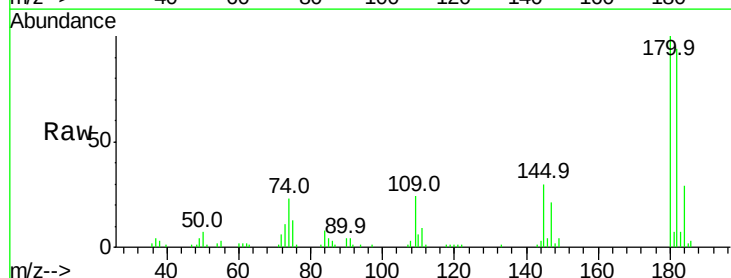


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

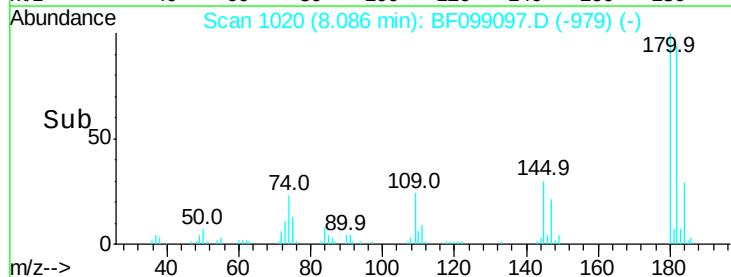
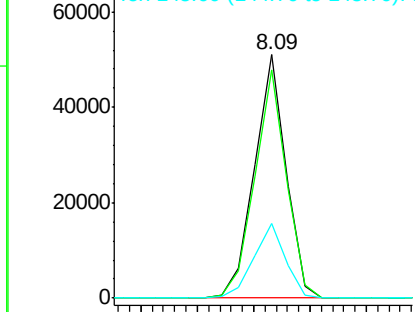


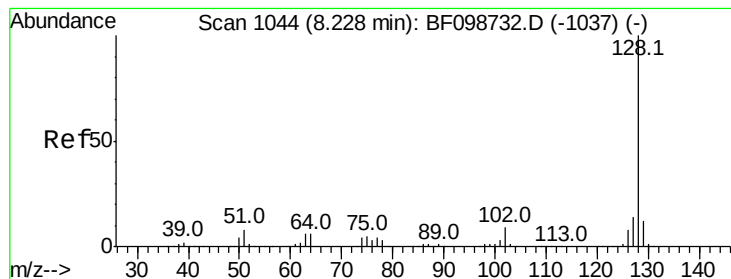
#30
 1,2,4-Trichlorobenzene
 Concen: 5.829 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

Tgt Ion:180 Resp: 39548
 Ion Ratio Lower Upper
 180 100
 182 93.8 76.8 115.2
 145 30.5 26.5 39.7



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





#31

Naphthalene

Concen: 5.896 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

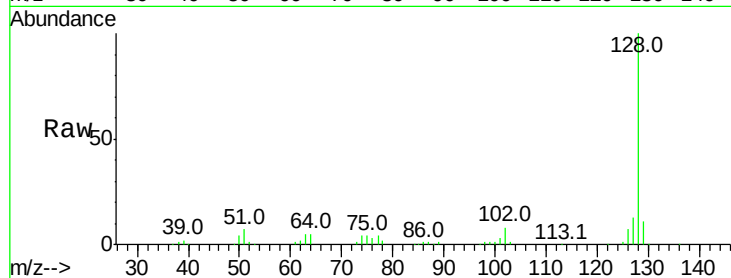
Tot Ion:128 Resp: 136193

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

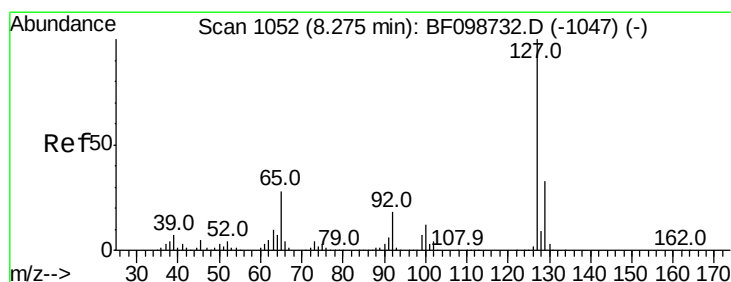
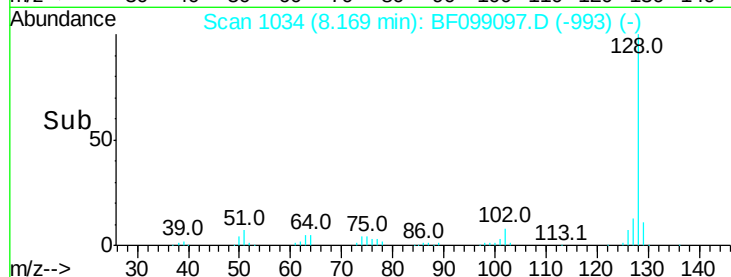
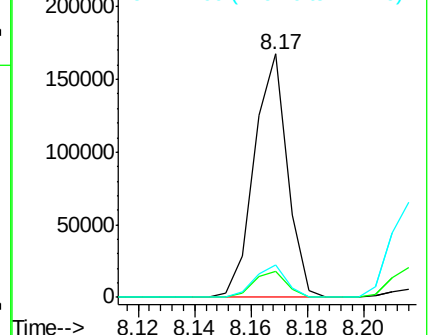
127 13.1 10.9 16.3



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



#33

4-Chloroaniline

Concen: 5.503 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.06 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

Tgt Ion:127 Resp: 53080

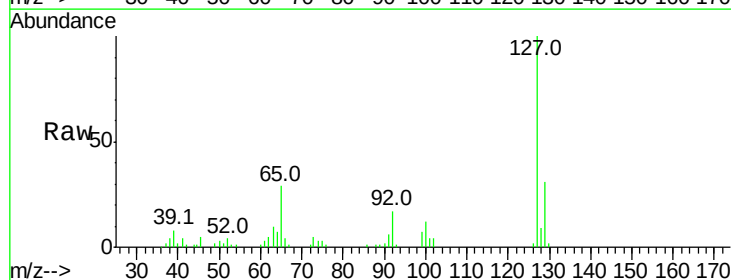
Ion Ratio Lower Upper

127 100

129 31.3 25.9 38.9

65 29.1 25.0 37.4

92 17.5 15.2 22.8

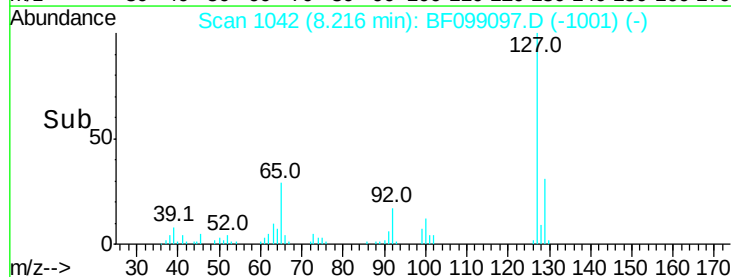
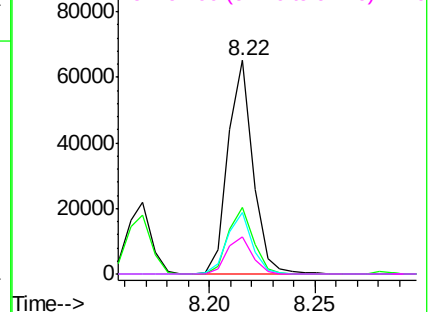


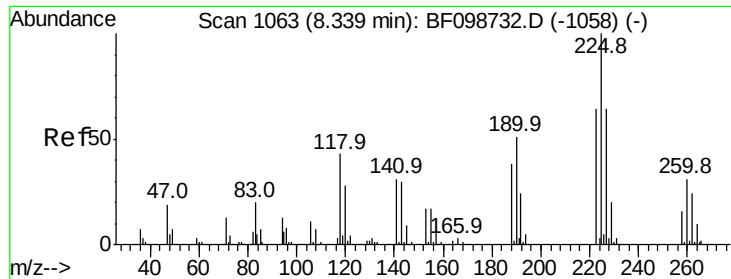
Abundance Ion 127.00 (126.70 to 127.70): E

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

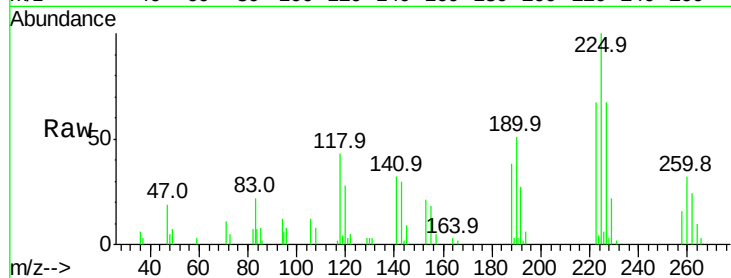




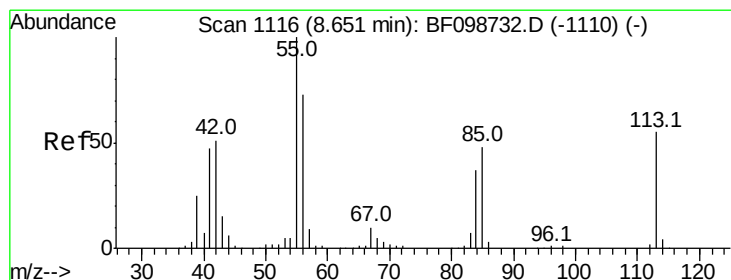
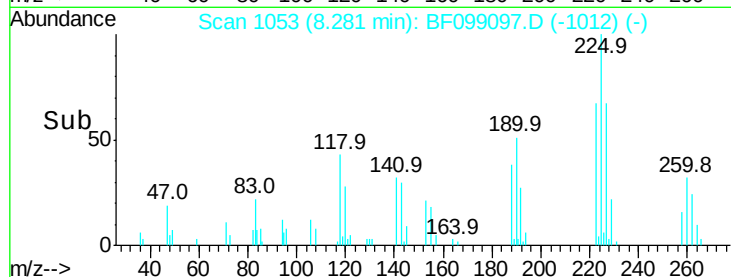
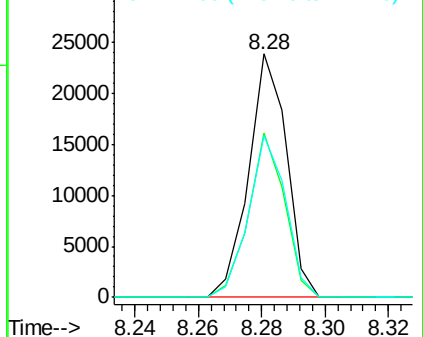
#34
Hexachlorobutadiene
Concen: 5.653 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.06 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:225 Resp: 19753
Ion Ratio Lower Upper
225 100
223 67.4 50.6 76.0
227 66.5 51.9 77.9

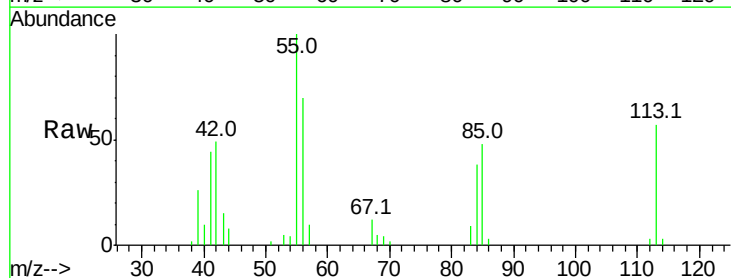


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

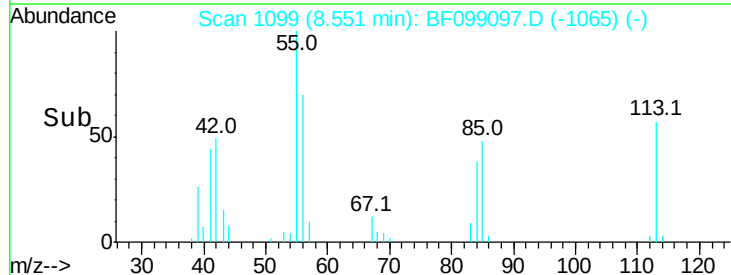
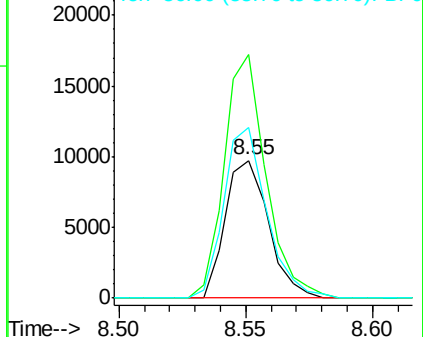


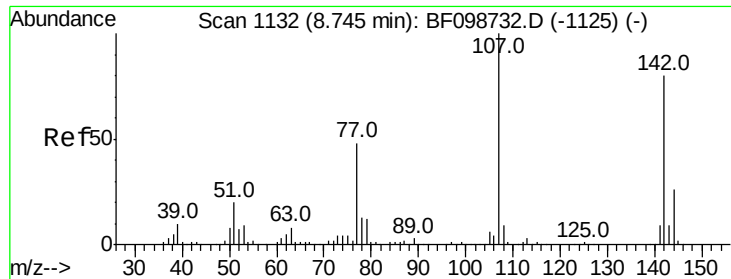
#35
Caprolactam
Concen: 5.290 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.10 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

Tgt Ion:113 Resp: 11510
Ion Ratio Lower Upper
113 100
55 176.9 163.3 203.3
56 124.2 115.7 155.7



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

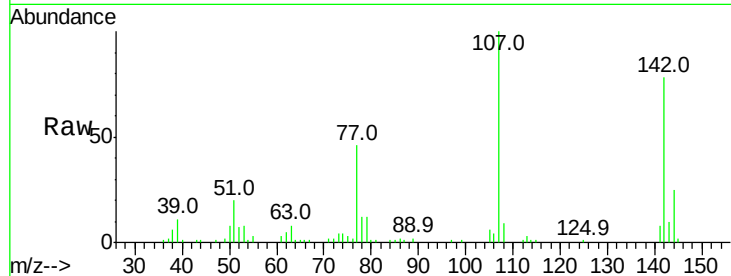




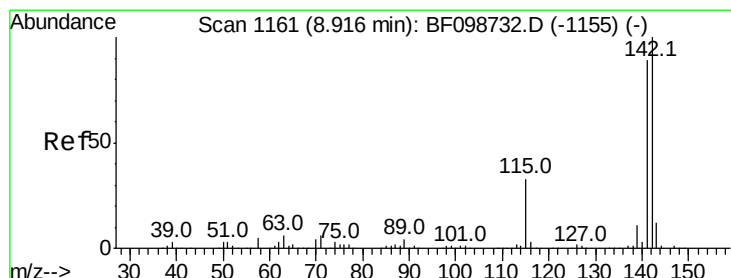
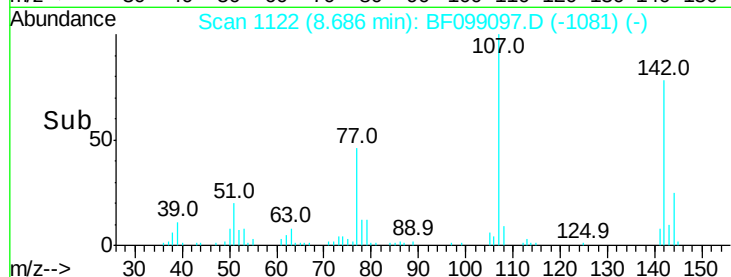
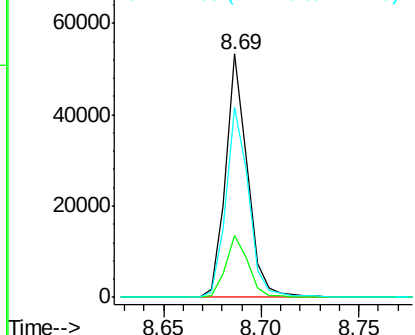
#36
 4-Chloro-3-methylphenol
 Concen: 5.444 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:107 Resp: 41506
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.5 30.7
 142 78.1 62.0 93.0

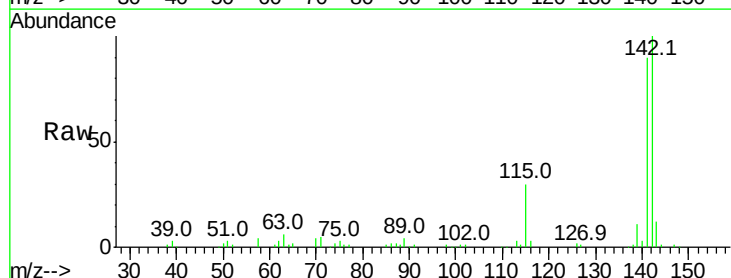


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

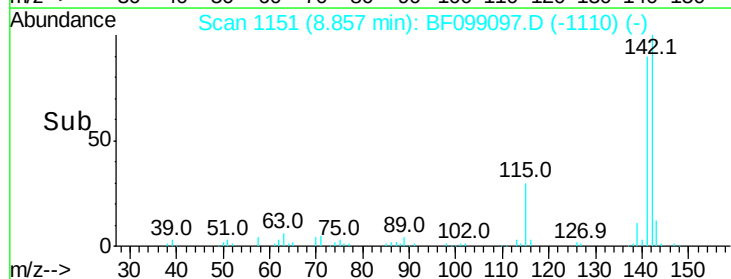
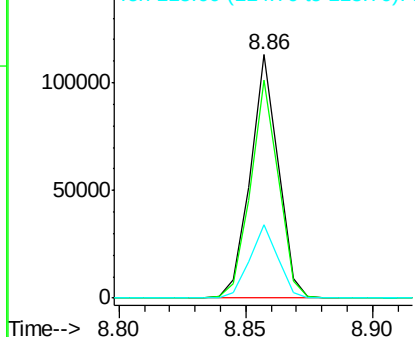


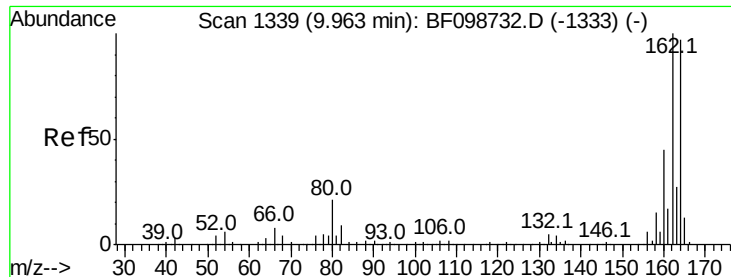
#37
 2-Methylnaphthalene
 Concen: 5.786 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

Tgt Ion:142 Resp: 86885
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.8 106.2
 115 30.3 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

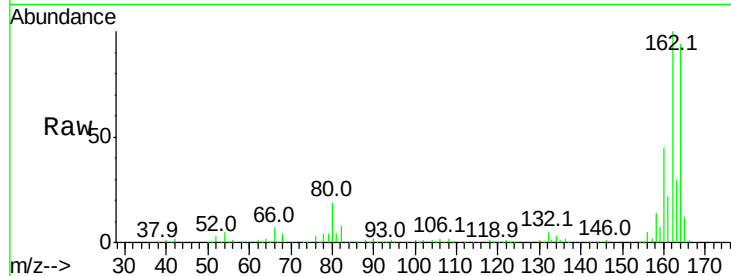




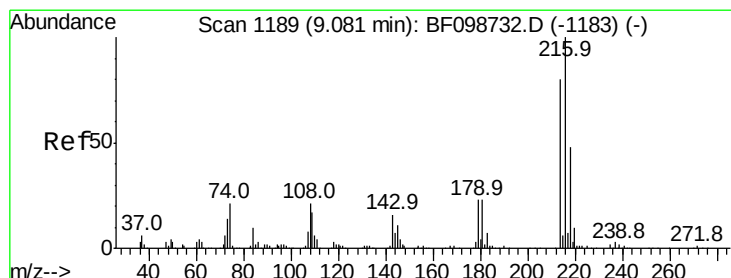
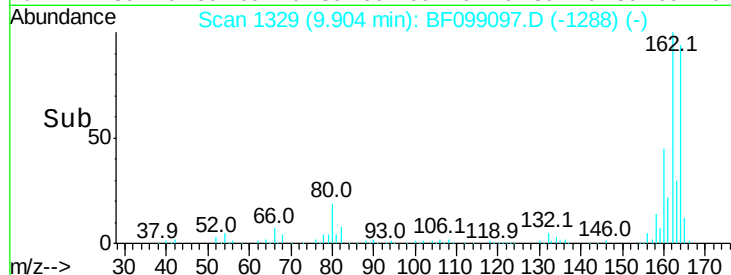
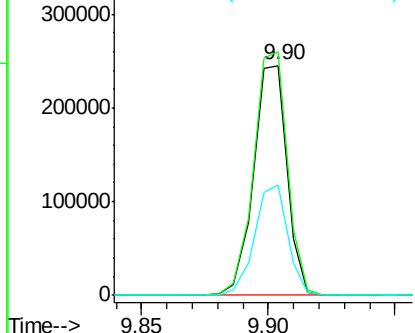
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 227389
 Ion Ratio Lower Upper
 164 100
 162 105.9 86.1 129.1
 160 48.1 38.3 57.5



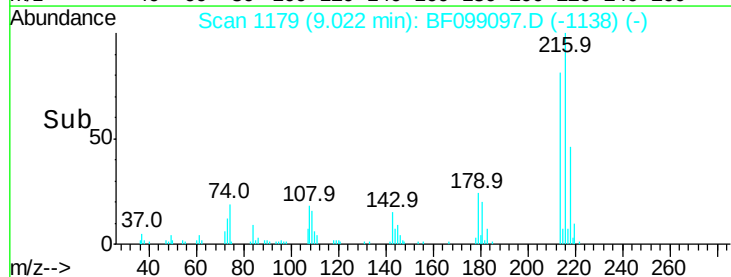
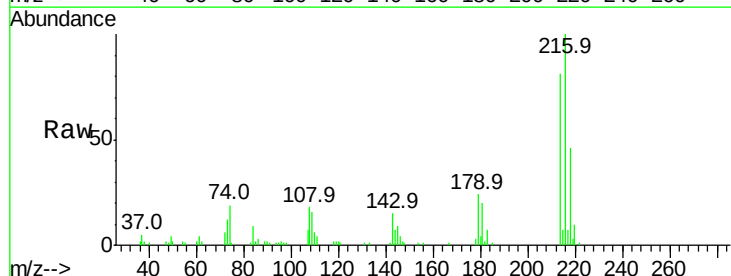
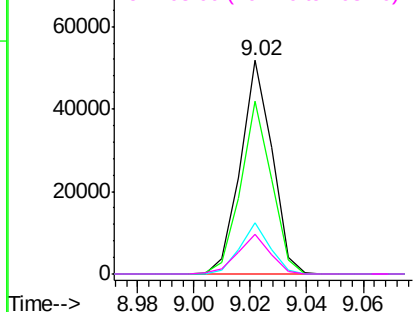
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

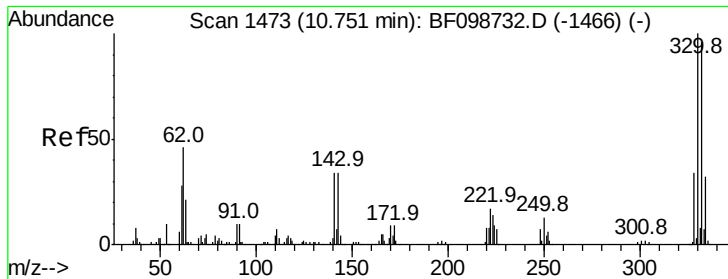


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 5.928 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

Tgt Ion:216 Resp: 40203
 Ion Ratio Lower Upper
 216 100
 214 79.0 63.0 94.4
 179 23.1 18.1 27.1
 108 19.1 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

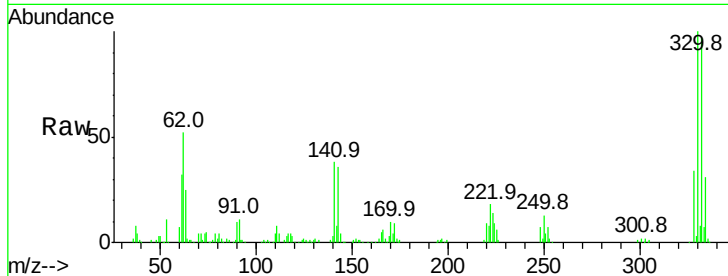




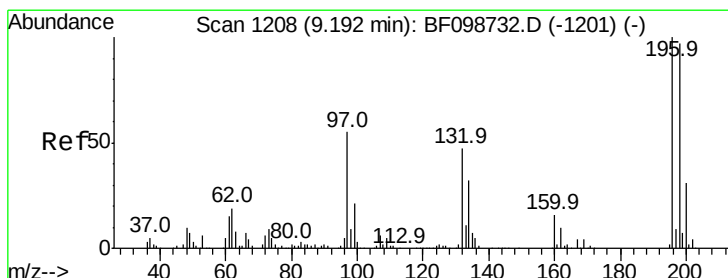
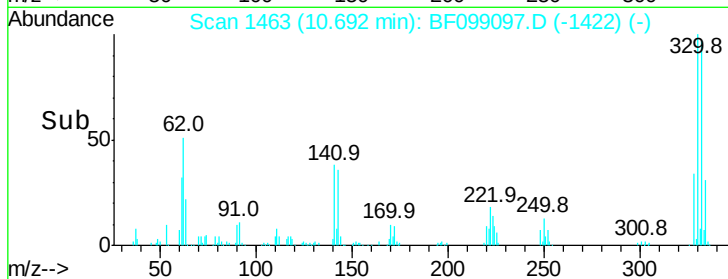
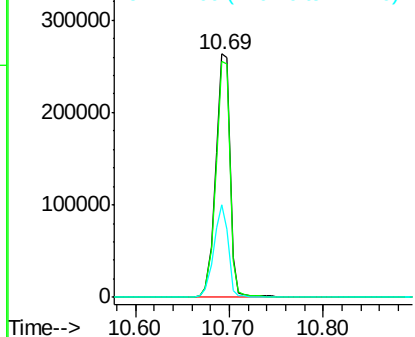
#41
 2,4,6-Tribromophenol
 Concen: 153.506 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 285622
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 38.1 29.9 44.9

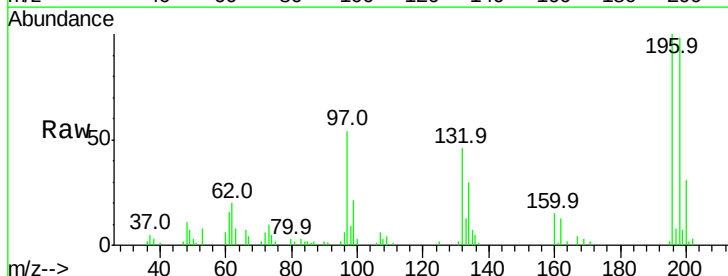


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

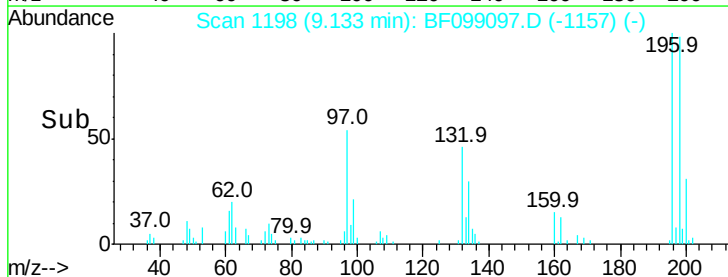
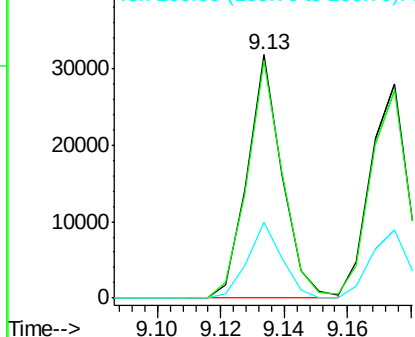


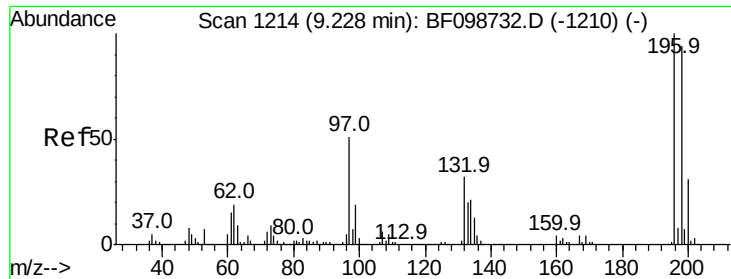
#42
 2,4,6-Trichlorophenol
 Concen: 5.047 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

Tgt Ion:196 Resp: 24248
 Ion Ratio Lower Upper
 196 100
 198 97.7 75.7 113.5
 200 31.2 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



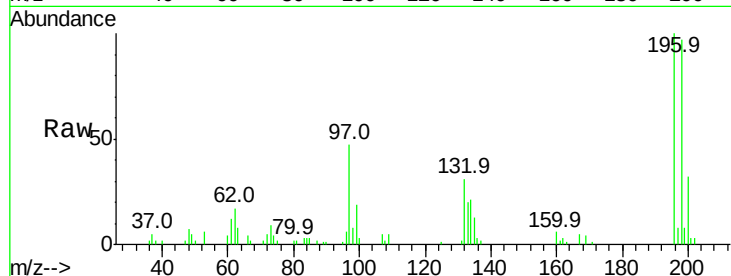


#43
 2,4,5-Trichlorophenol
 Concen: 5.052 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.05 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

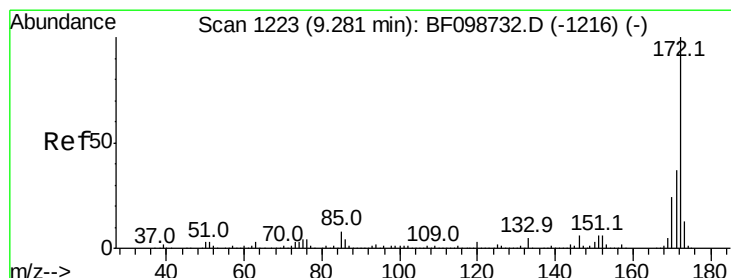
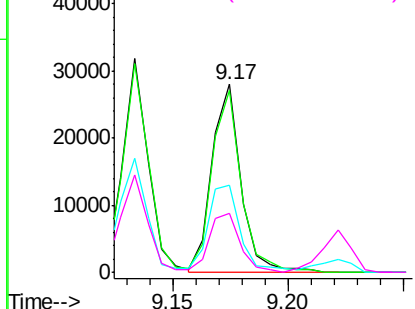
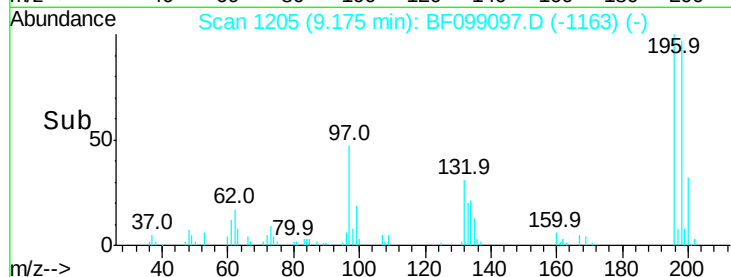
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 24227

Ion	Ratio	Lower	Upper
196	100		
198	97.2	74.6	112.0
97	46.7	42.9	64.3
132	31.1	26.3	39.5



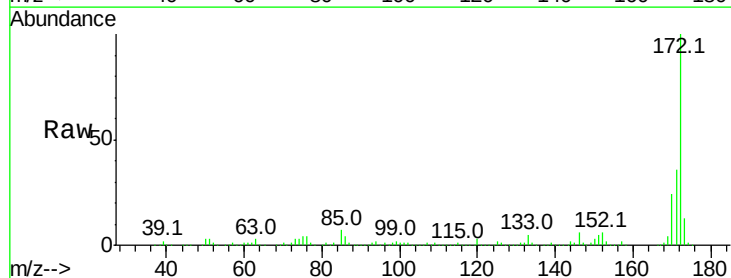
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



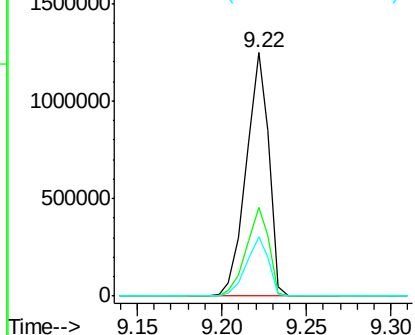
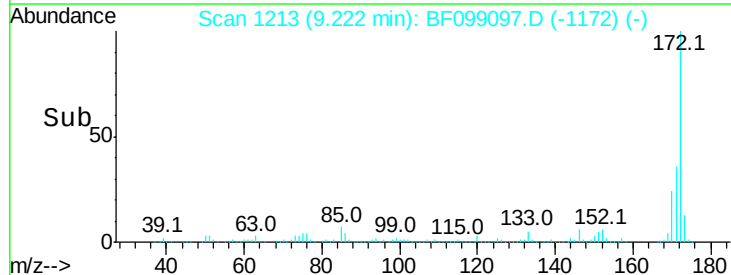
#44
 2-Fluorobiphenyl
 Concen: 85.936 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

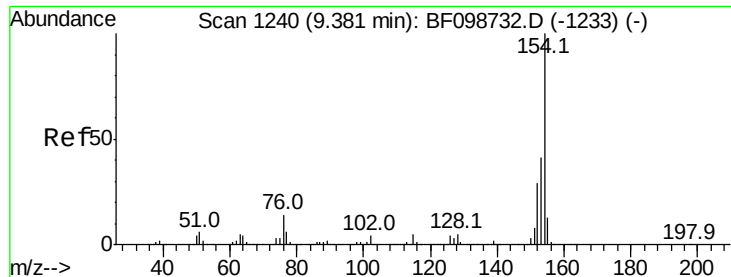
Tgt Ion:172 Resp: 1170526

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.1	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: 6.122 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.06 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

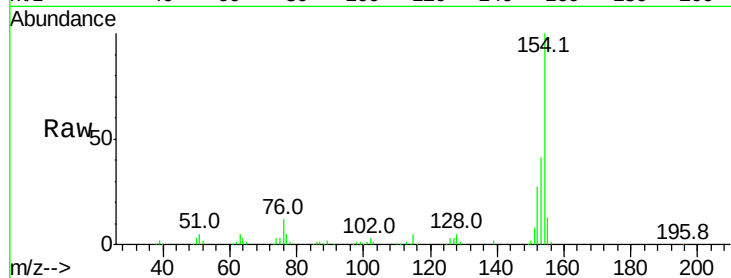
Tot Ion:154 Resp: 119643

Ion Ratio Lower Upper

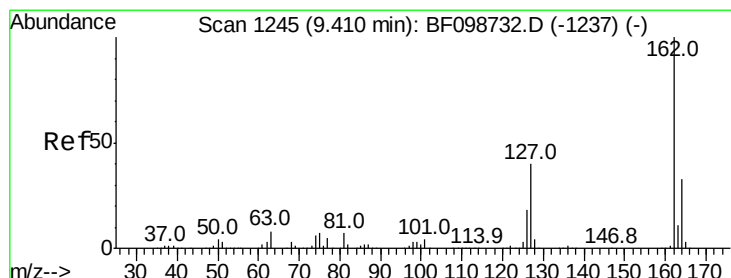
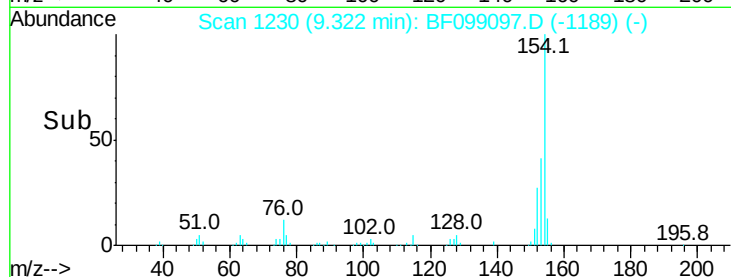
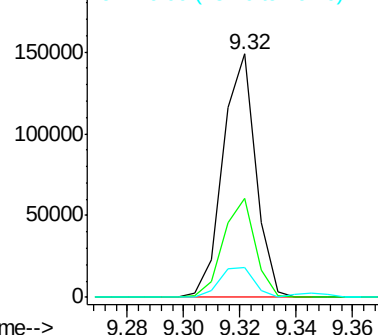
154 100

153 40.8 21.3 61.3

76 12.5 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): BFO



#46

2-Chloronaphthalene

Concen: 5.834 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.06 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

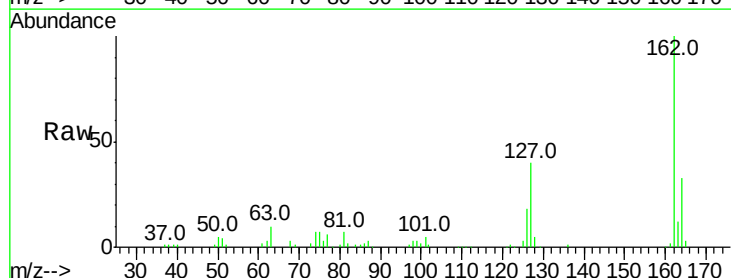
Tgt Ion:162 Resp: 85602

Ion Ratio Lower Upper

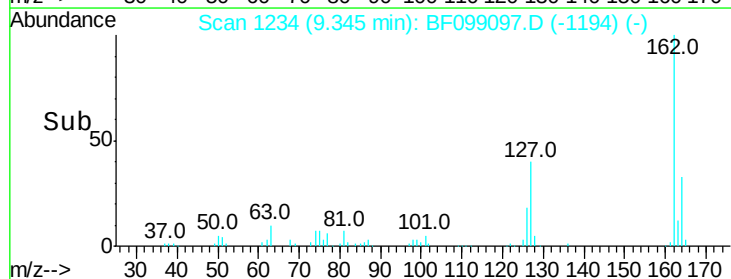
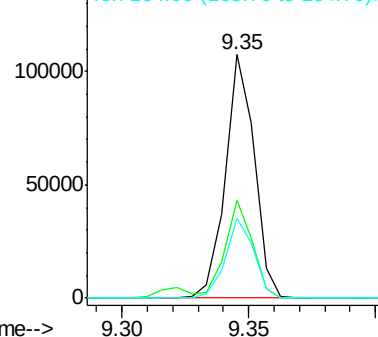
162 100

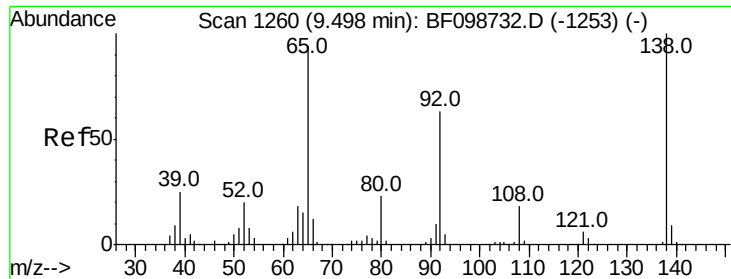
127 39.9 33.9 50.9

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

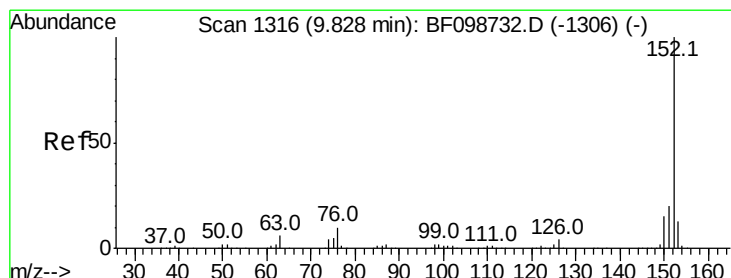
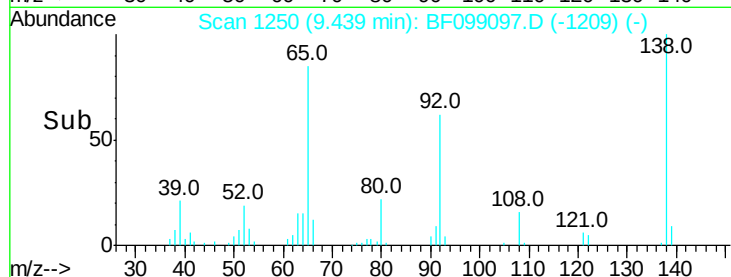
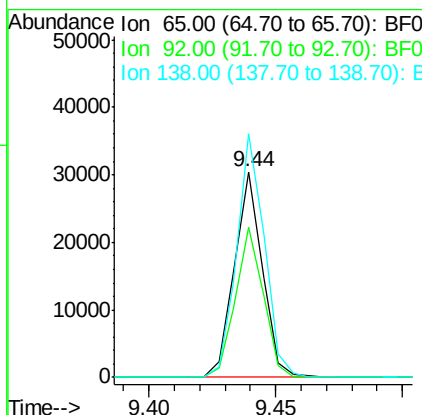
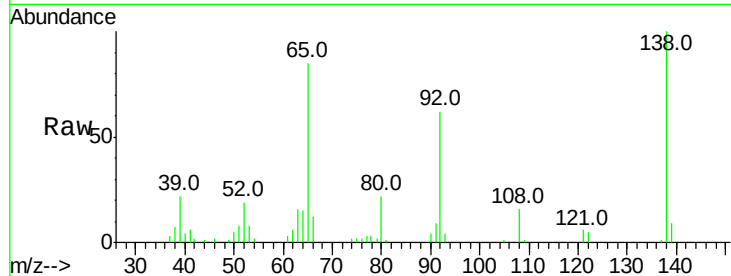




#47
2-Nitroaniline
Concen: 5.178 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.06 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

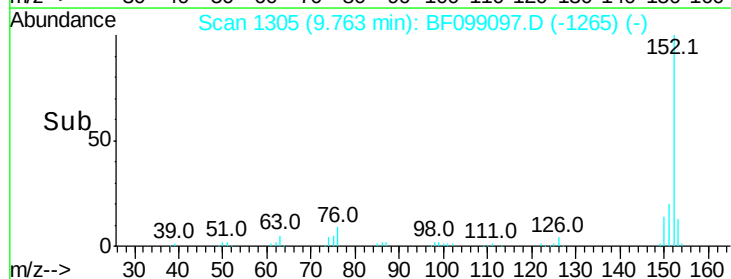
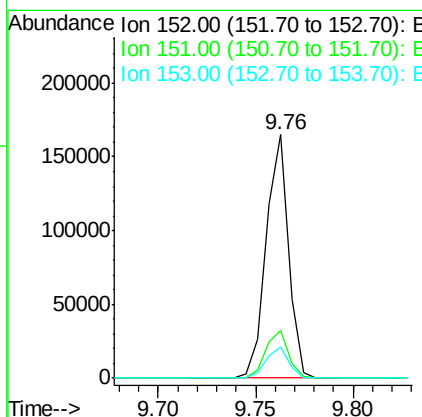
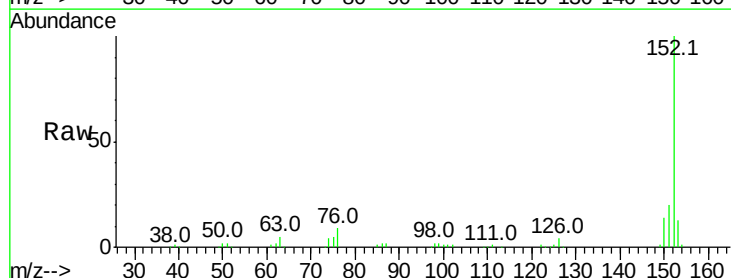
Instrument :
BNA_F
ClientSampled :

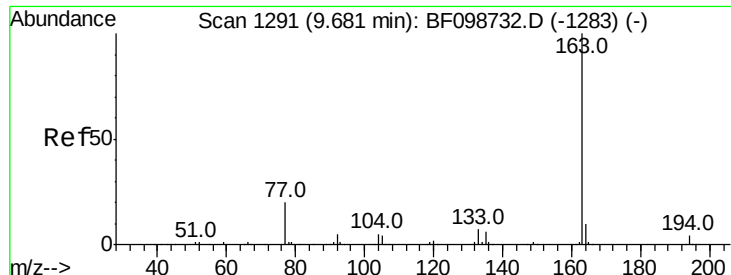
Tot Ion: 65 Resp: 23263
Ion Ratio Lower Upper
65 100
92 73.0 55.8 83.6
138 118.3 91.2 136.8



#48
Acenaphthylene
Concen: 5.838 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.06 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

Tgt Ion:152 Resp: 131140
Ion Ratio Lower Upper
152 100
151 19.7 16.3 24.5
153 12.7 10.7 16.1





#49

Dimethylphthalate

Concen: 5.825 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.07 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

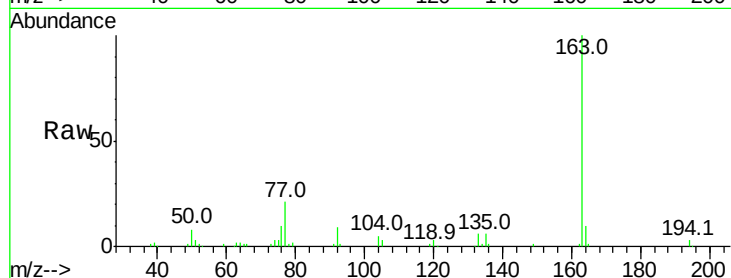
Tot Ion:163 Resp: 99974

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

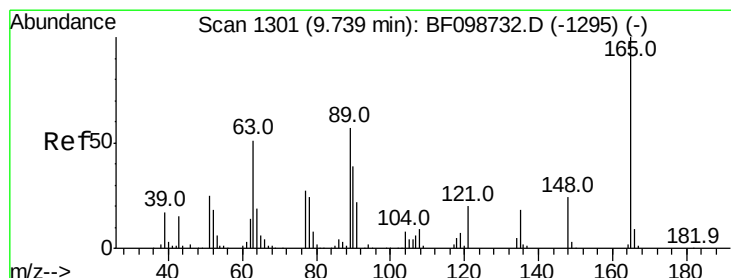
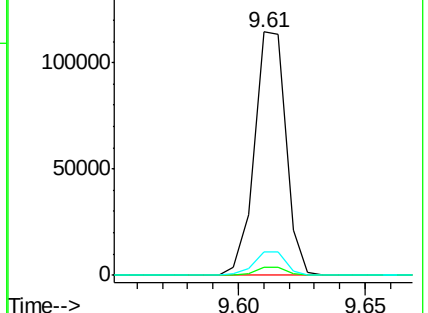
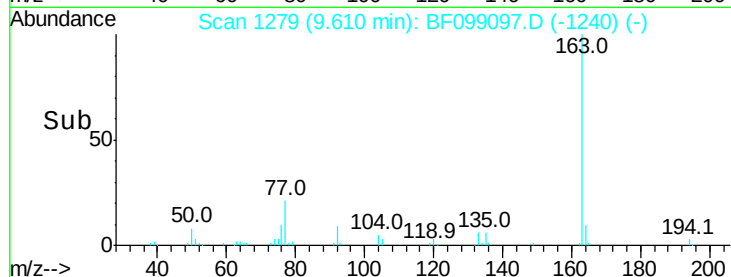
164 9.7 8.2 12.2



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: 5.508 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.06 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

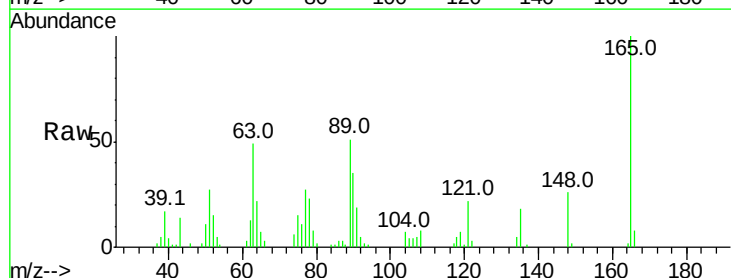
Tgt Ion:165 Resp: 20581

Ion Ratio Lower Upper

165 100

63 49.1 44.7 67.1

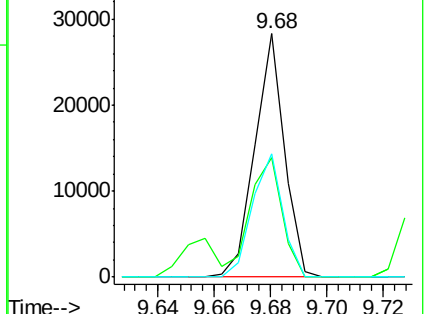
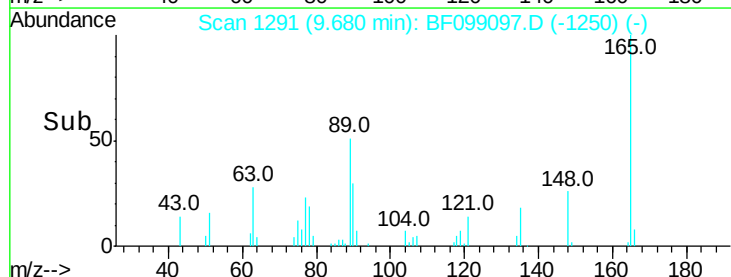
89 50.6 44.0 66.0

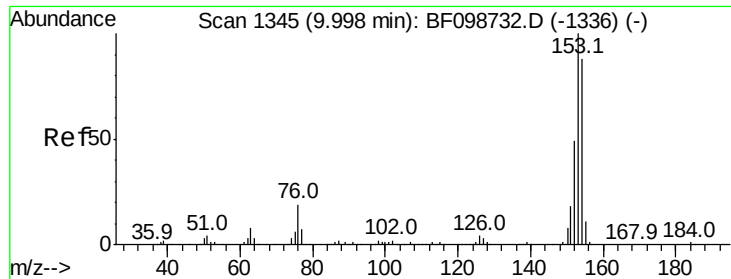


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 5.707 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.06 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

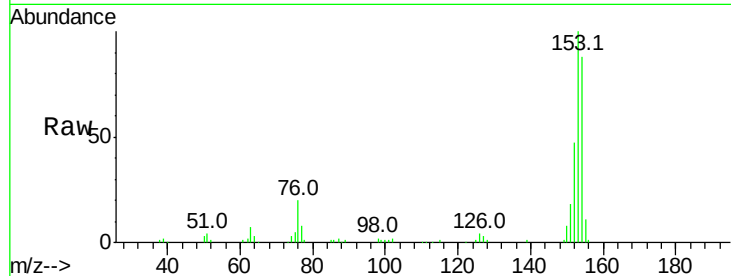
Tot Ion:154 Resp: 81199

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

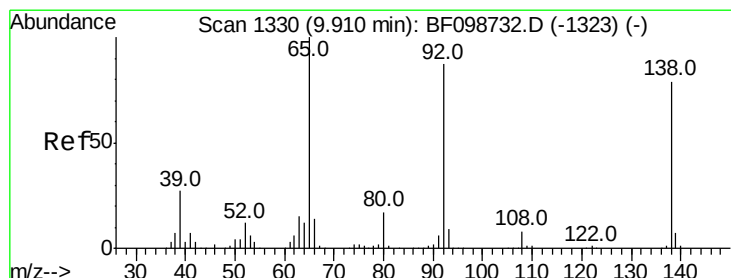
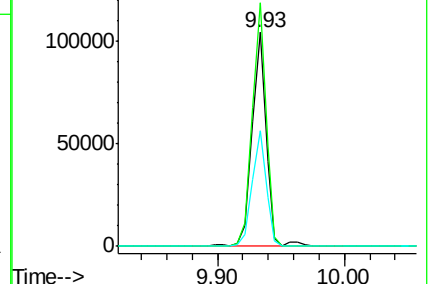
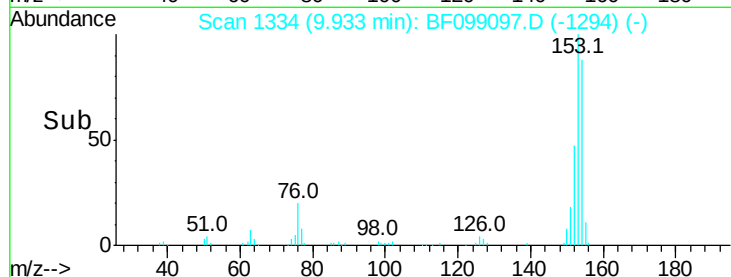
152 54.1 43.8 65.8



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: 5.655 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.06 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

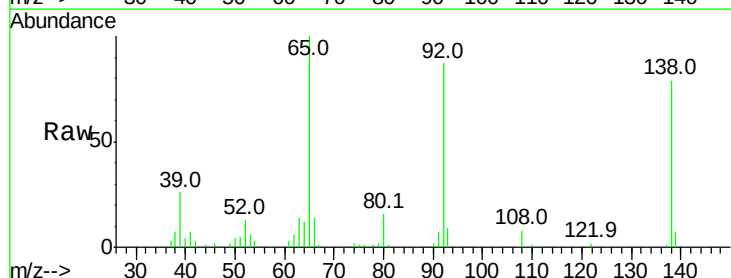
Tgt Ion:138 Resp: 24636

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

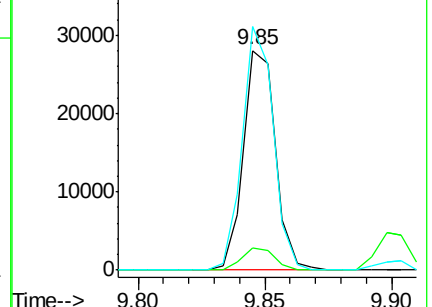
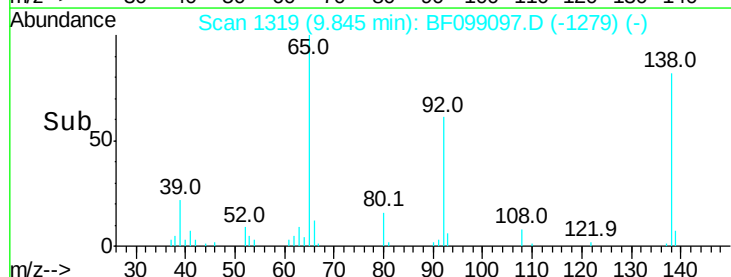
92 110.7 89.4 134.2

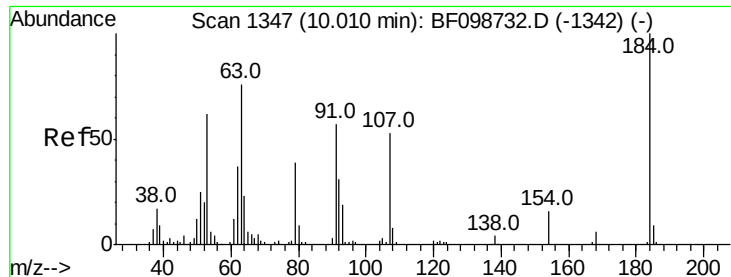


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

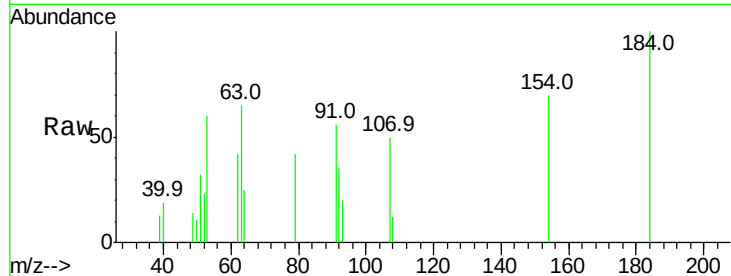




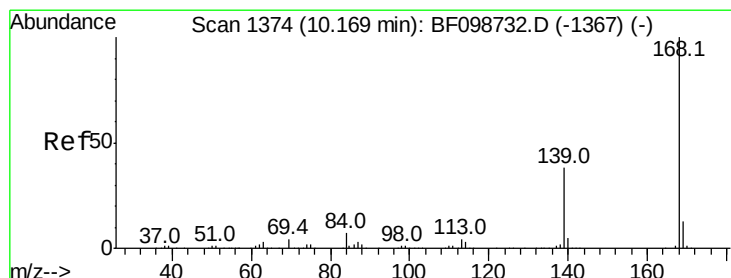
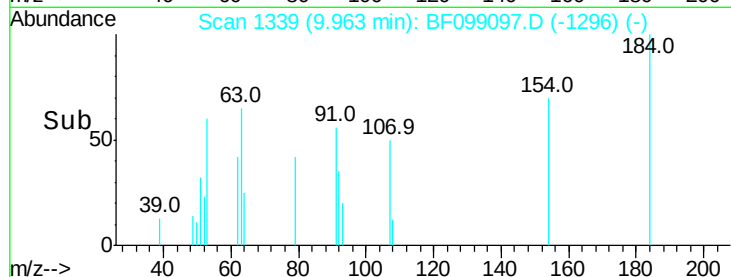
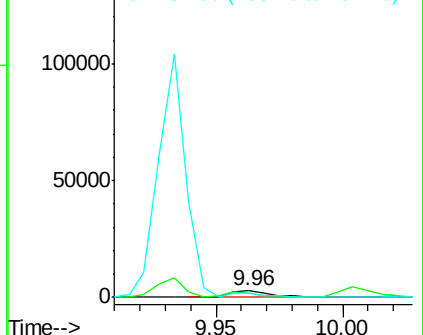
#53
2,4-Dinitrophenol
Concen: 7.249 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.05 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 2982
Ion Ratio Lower Upper
184 100
63 65.5 54.2 81.2
154 70.5 53.5 80.3

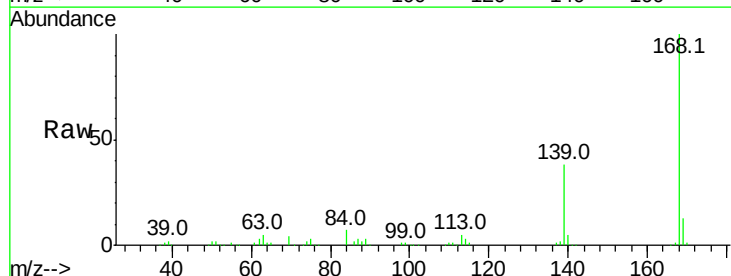


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

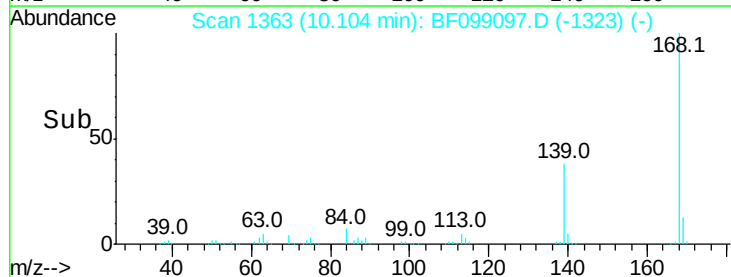
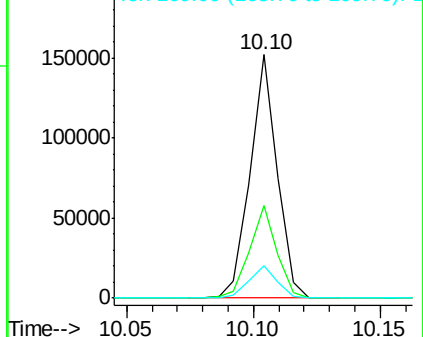


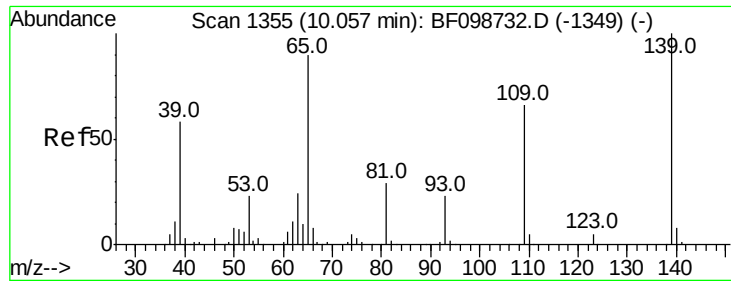
#54
Dibenzofuran
Concen: 5.949 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.06 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

Tgt Ion:168 Resp: 112695
Ion Ratio Lower Upper
168 100
139 38.2 30.1 45.1
169 13.1 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

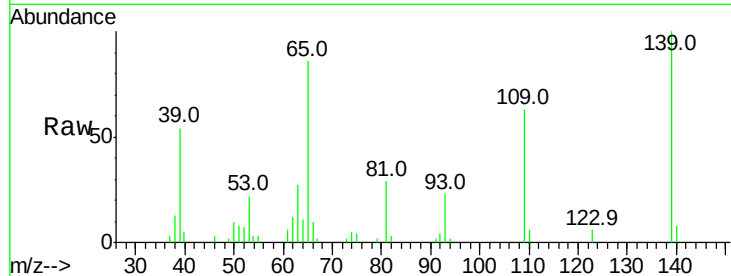




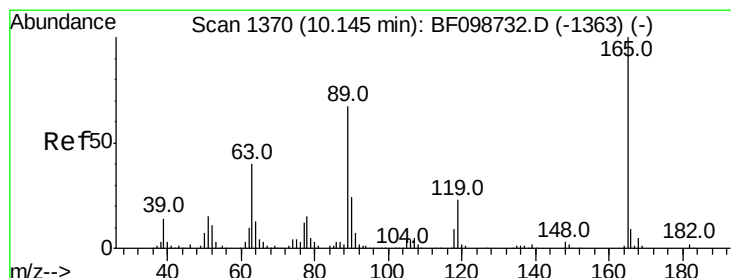
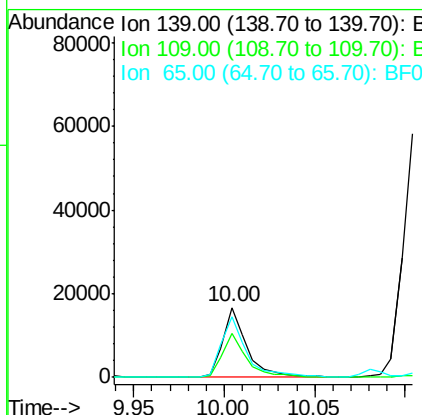
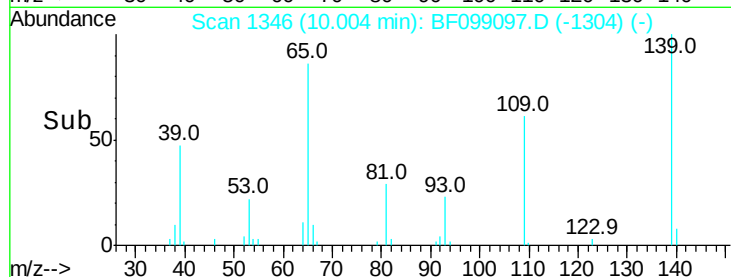
#55
4-Nitrophenol
Concen: 4.214 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.05 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 15522
Ion Ratio Lower Upper
139 100
109 62.8 48.4 88.4
65 85.6 72.6 112.6

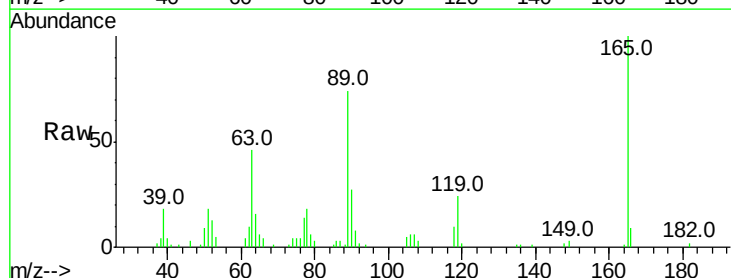


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

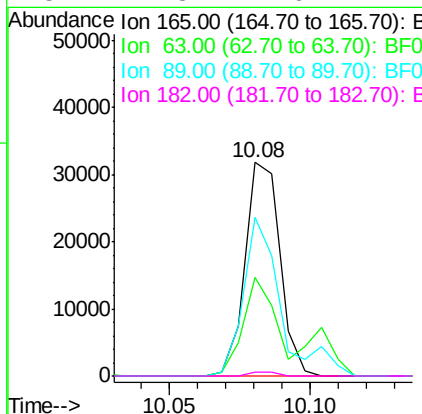
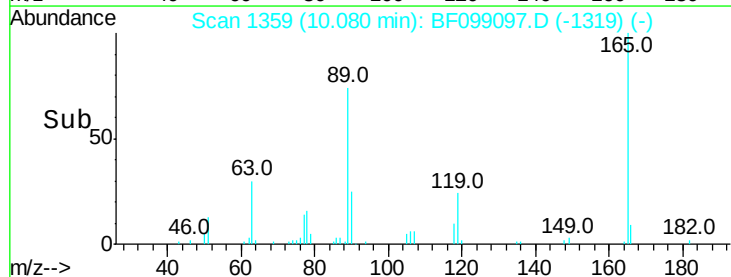


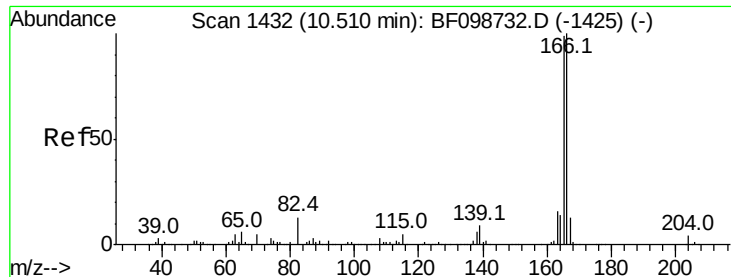
#56
2,4-Dinitrotoluene
Concen: 5.643 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.06 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

Tgt Ion:165 Resp: 27362
Ion Ratio Lower Upper
165 100
63 46.2 36.4 54.6
89 74.3 57.8 86.6
182 1.8 1.6 2.4



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
Ion 182.00 (181.70 to 182.70): E

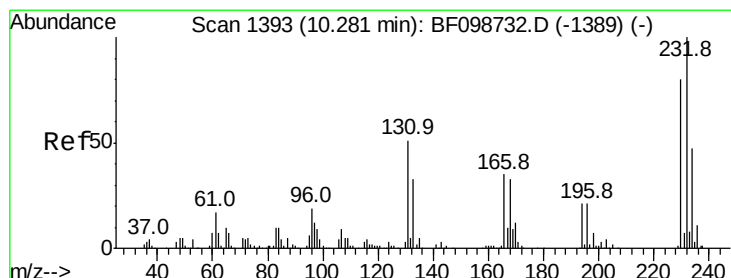
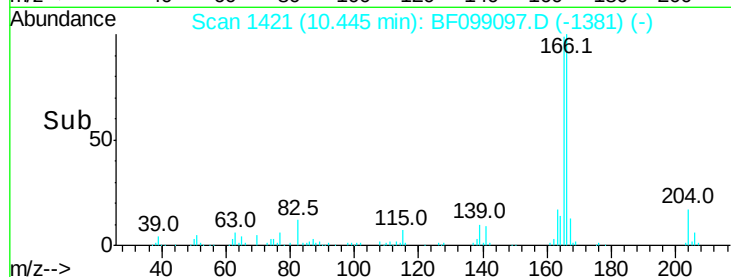
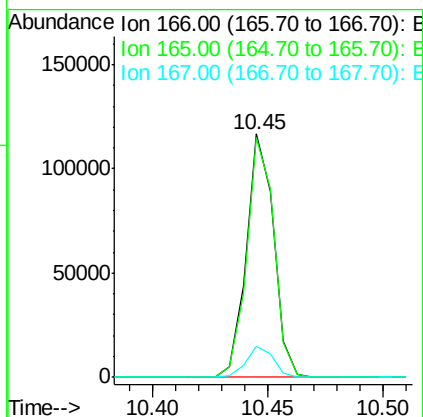
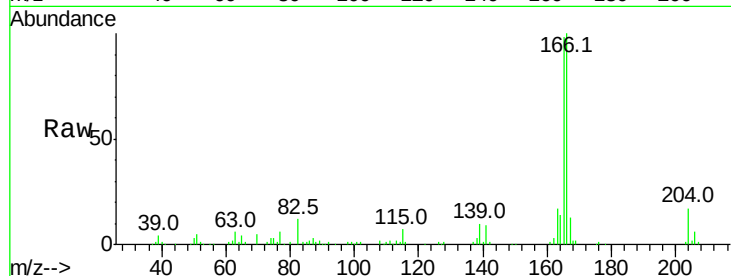




#57
 Fluorene
 Concen: 6.363 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

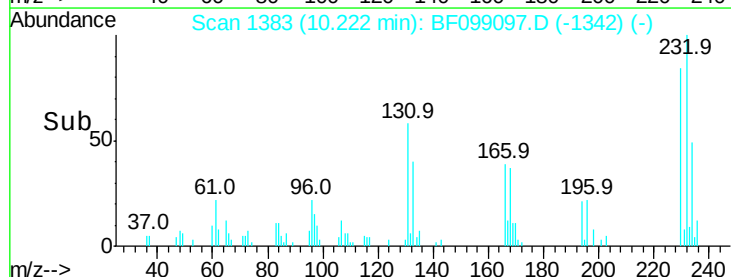
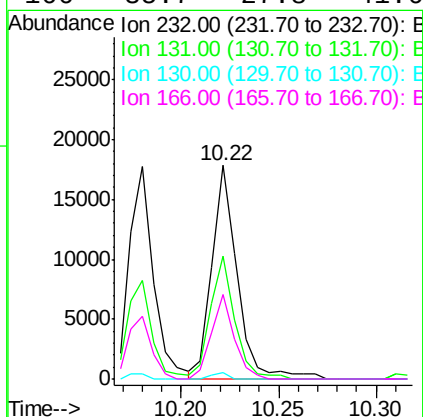
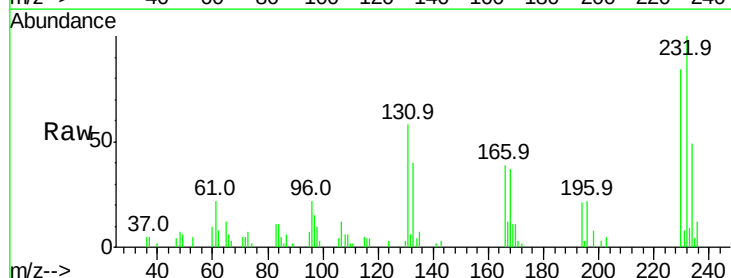
Instrument :
 BNA_F
 ClientSampleId :

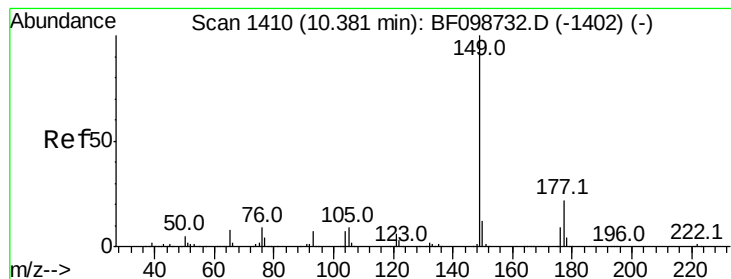
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.8	119.8
167	13.0	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.871 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.2	43.8	65.8
130	1.8	2.1	3.1#
166	35.7	27.8	41.6





#59

Diethylphthalate

Concen: 5.813 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.06 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

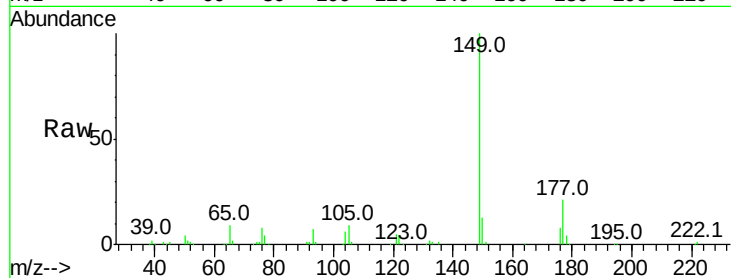
Tot Ion:149 Resp: 97489

Ion Ratio Lower Upper

149 100

177 21.4 16.1 24.1

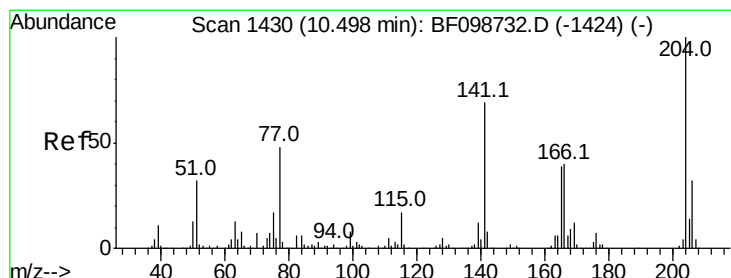
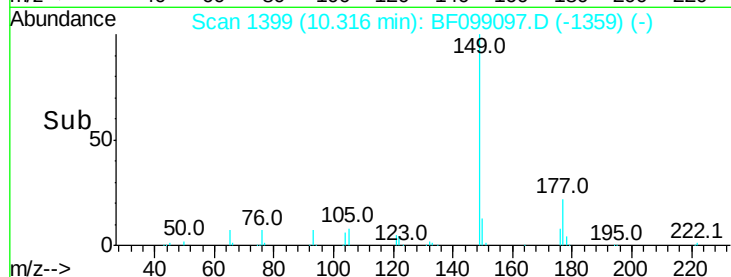
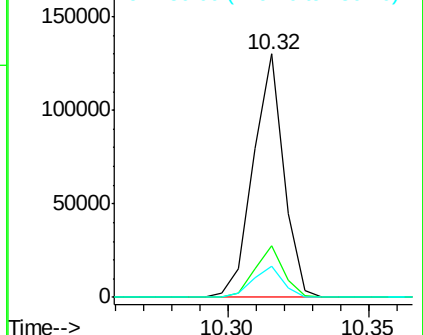
150 12.6 10.1 15.1



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: 6.101 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.06 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

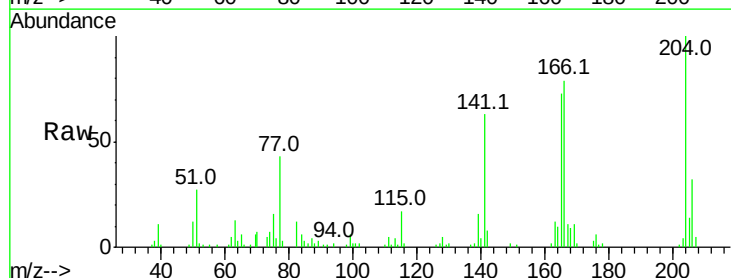
Tgt Ion:204 Resp: 41731

Ion Ratio Lower Upper

204 100

206 32.2 26.5 39.7

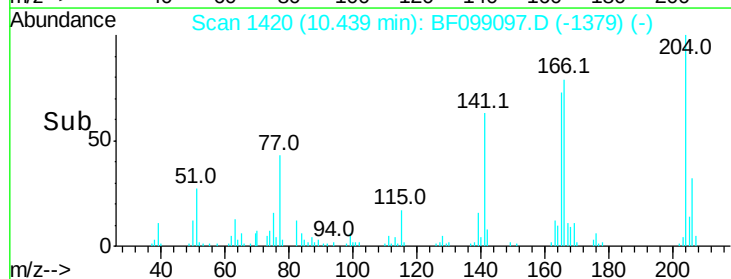
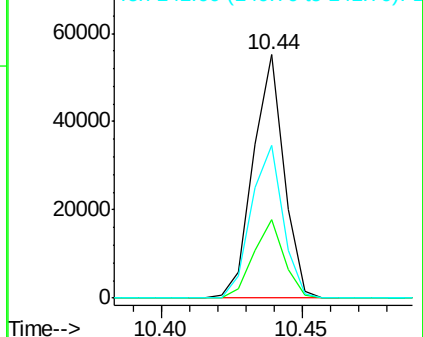
141 62.9 54.6 81.8

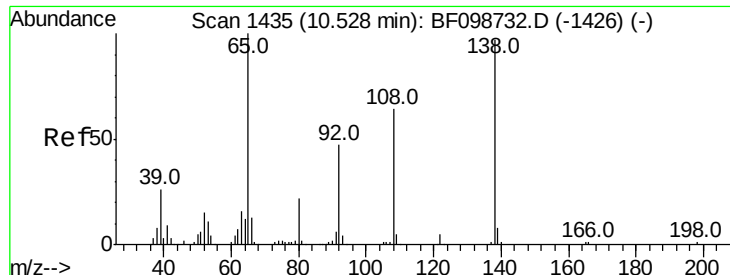


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

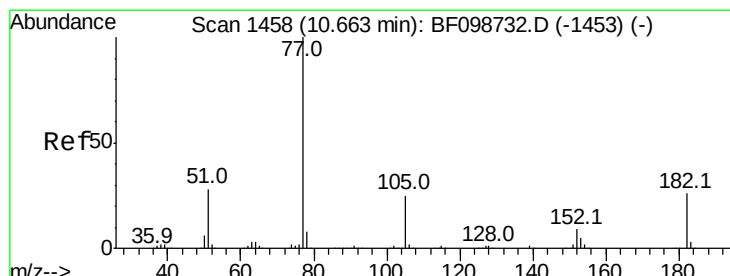
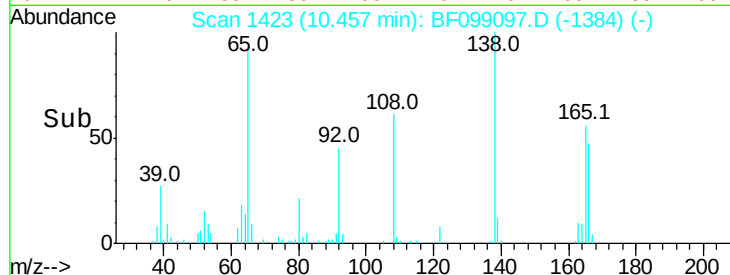
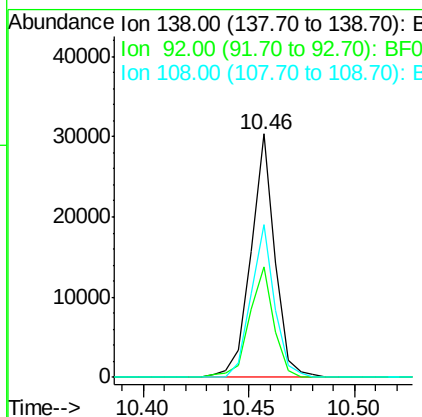
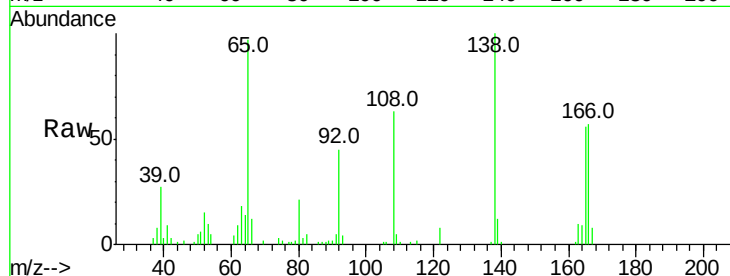




#61
 4-Nitroaniline
 Concen: 5.716 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.07 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

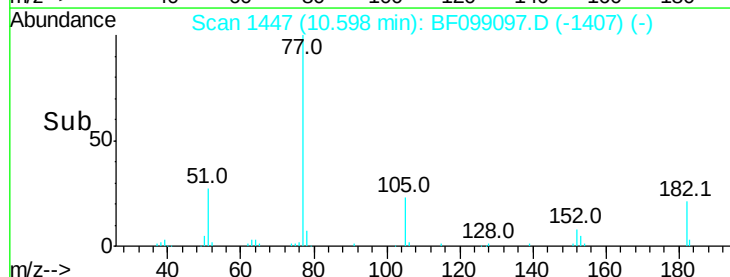
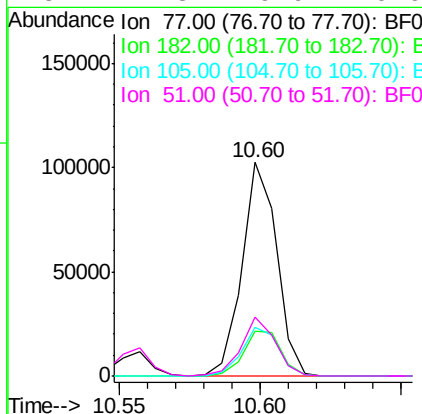
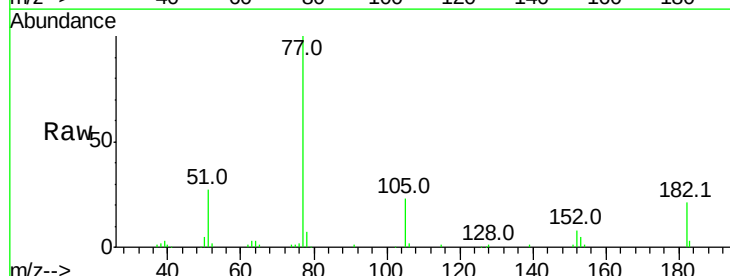
Instrument :
 BNA_F
 ClientSampleId :

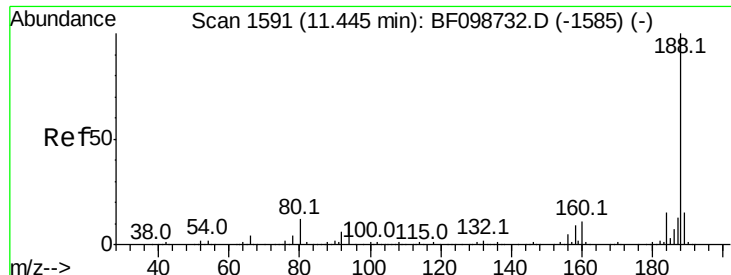
Tot Ion:138	Resp: 24025
Ion Ratio	Lower Upper
138 100	
92 45.4	30.2 70.2
108 62.5	52.5 92.5



#62
 Azobenzene
 Concen: 5.680 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

Tgt Ion: 77	Resp: 87587
Ion Ratio	Lower Upper
77 100	
182 21.0	1.7 41.7
105 22.9	3.0 43.0
51 27.3	9.9 49.9

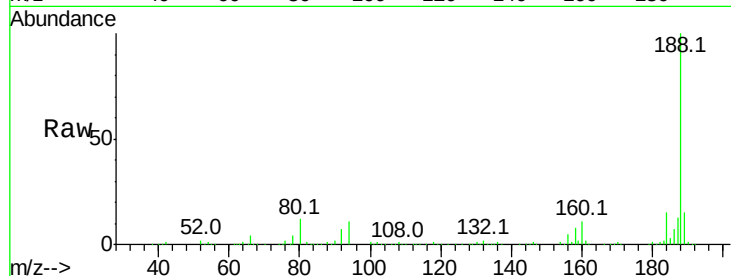




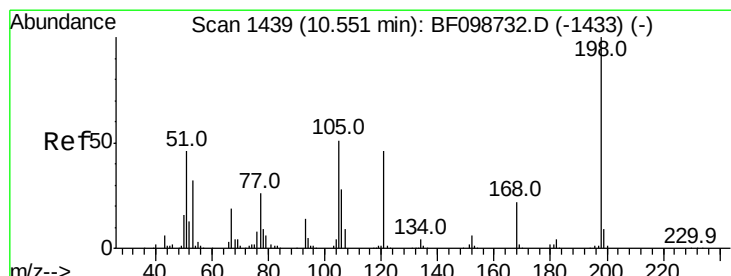
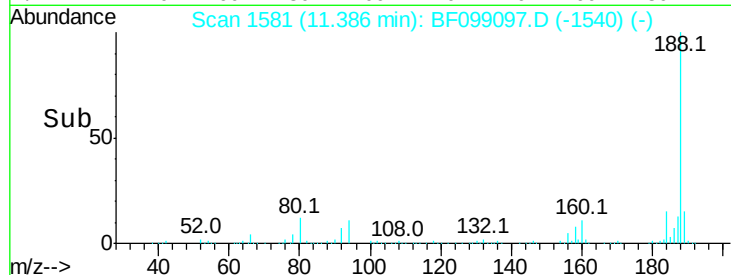
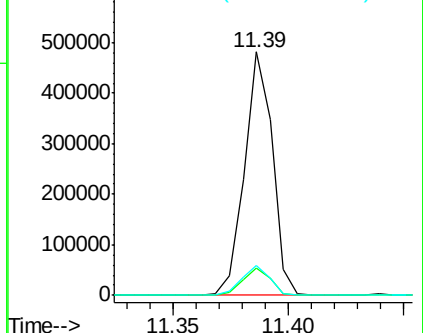
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 409025
 Ion Ratio Lower Upper
 188 100
 94 11.4 8.5 12.7
 80 12.3 9.2 13.8

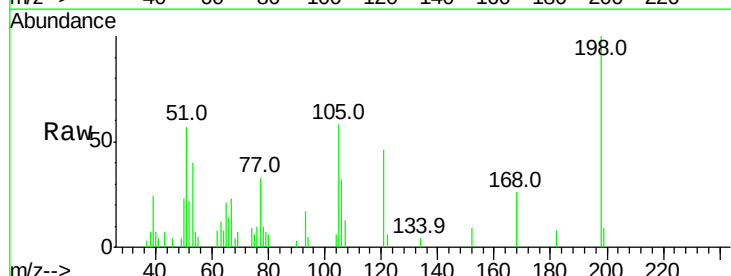


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

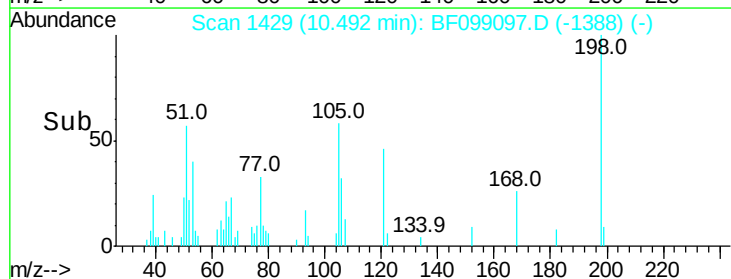
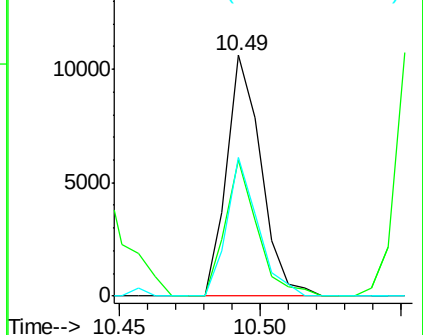


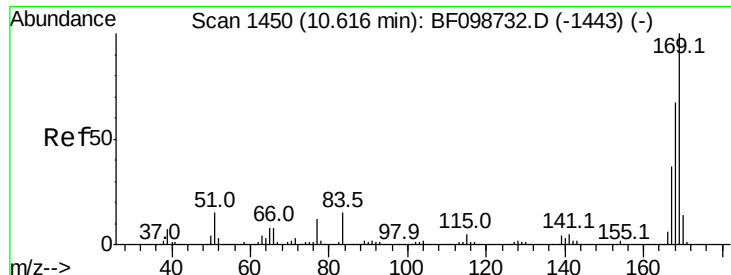
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.615 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

Tgt Ion:198 Resp: 8997
 Ion Ratio Lower Upper
 198 100
 51 56.8 37.7 77.7
 105 57.8 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

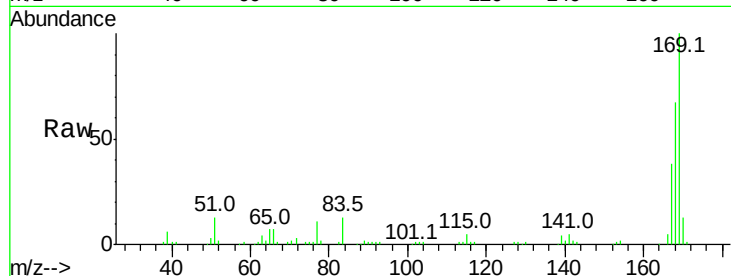




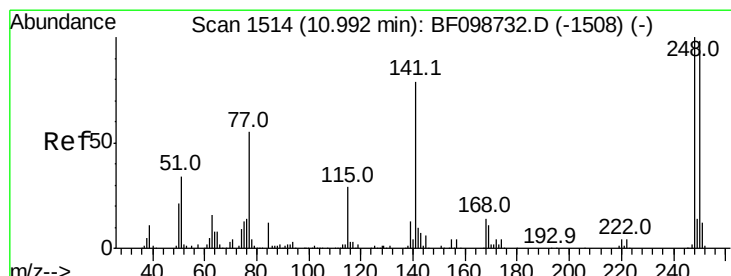
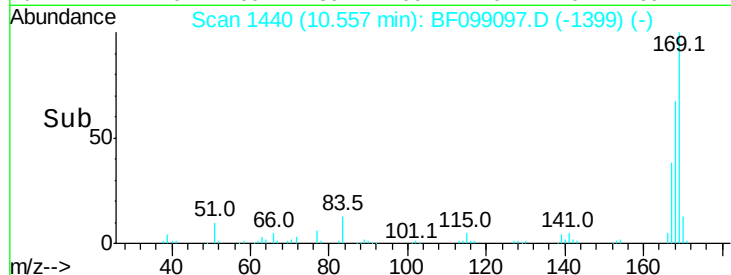
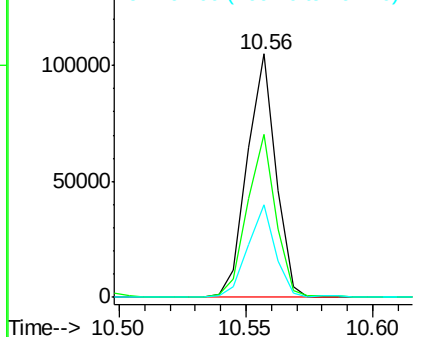
#65
 n-Nitrosodiphenylamine
 Concen: 5.823 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 82517
 Ion Ratio Lower Upper
 169 100
 168 66.9 54.4 81.6
 167 38.0 29.8 44.6

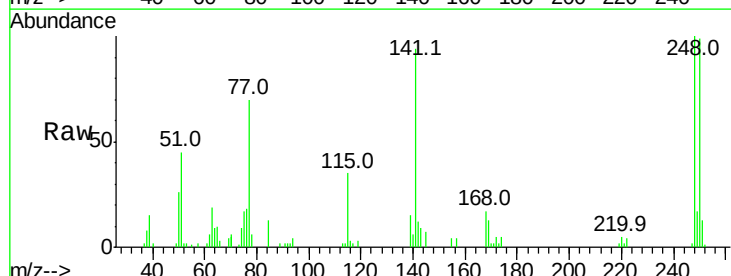


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

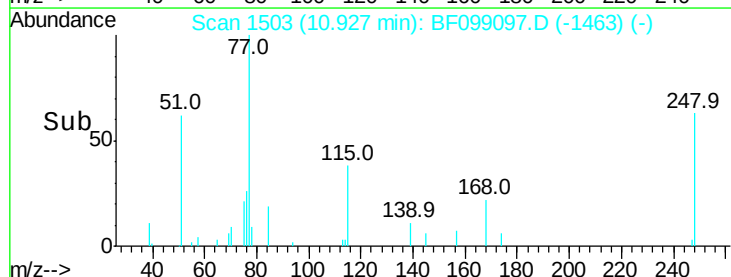
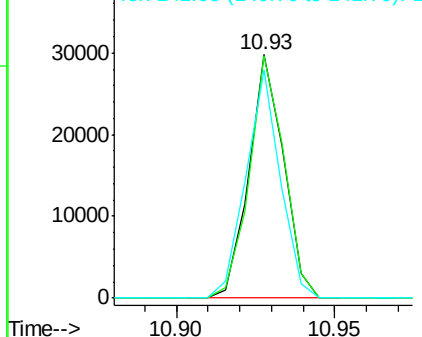


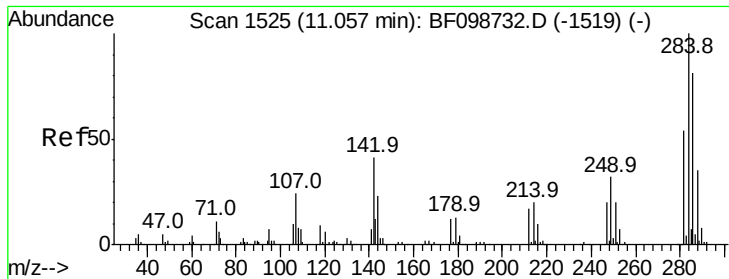
#66
 4-Bromophenyl-phenylether
 Concen: 5.646 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

Tgt Ion:248 Resp: 22606
 Ion Ratio Lower Upper
 248 100
 250 99.3 76.9 115.3
 141 93.9 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: 5.848 ng

RT: 11.00 min Scan# 1515

Delta R.T. -0.06 min

Lab File: BF099097.D

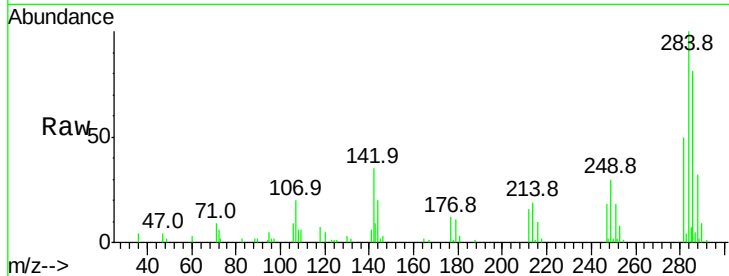
Acq: 5 Oct 2017 11:34

Instrument :

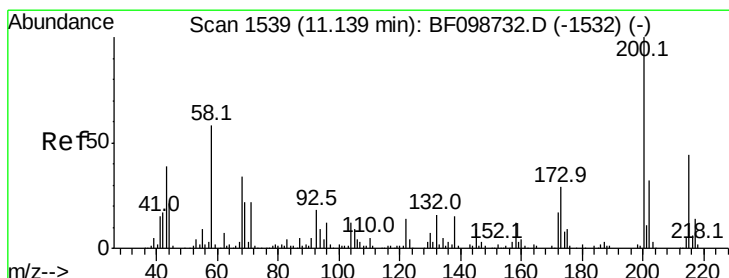
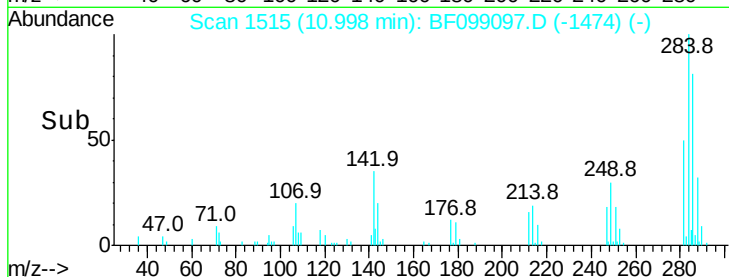
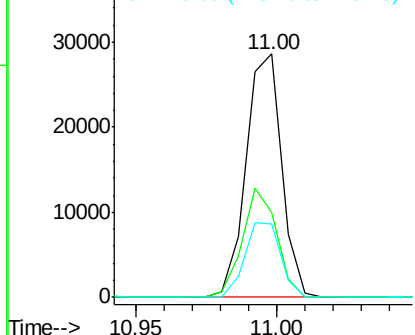
BNA_F

ClientSampled :

Tot Ion:	284	Resp:	25007
Ion	Ratio	Lower	Upper
284	100		
142	34.7	34.6	52.0
249	30.3	24.8	37.2



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



#68

Atrazine

Concen: 5.413 ng

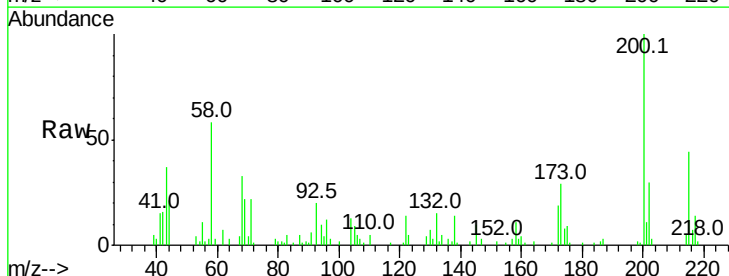
RT: 11.07 min Scan# 1528

Delta R.T. -0.06 min

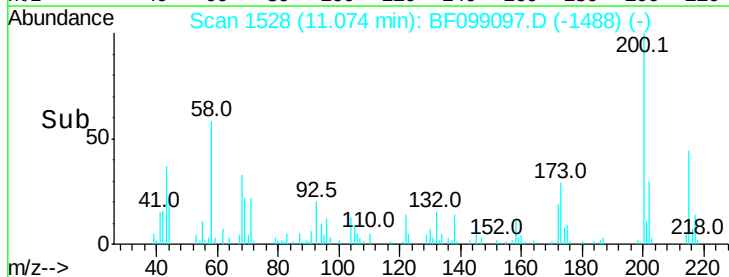
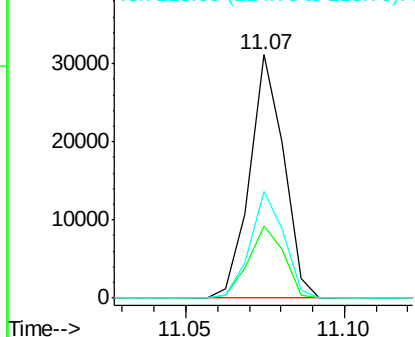
Lab File: BF099097.D

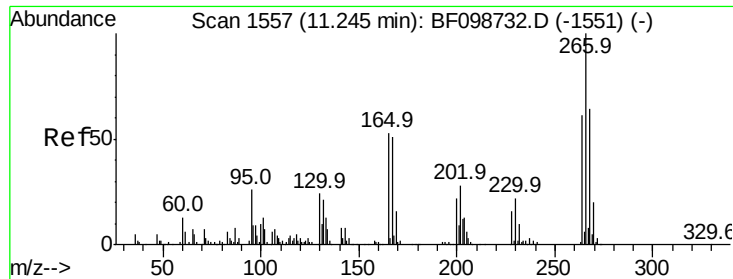
Acq: 5 Oct 2017 11:34

Tgt Ion:	200	Resp:	23077
Ion	Ratio	Lower	Upper
200	100		
173	29.4	8.6	48.6
215	43.7	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

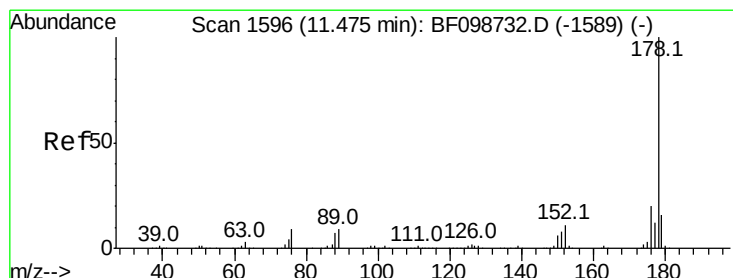
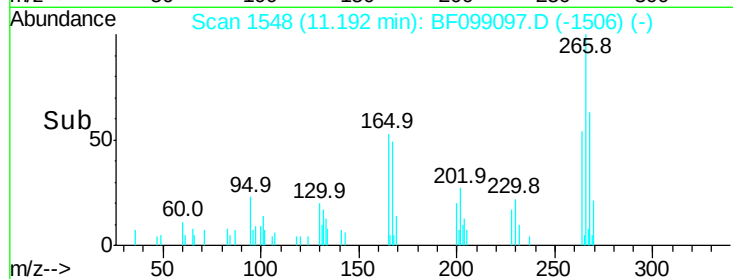
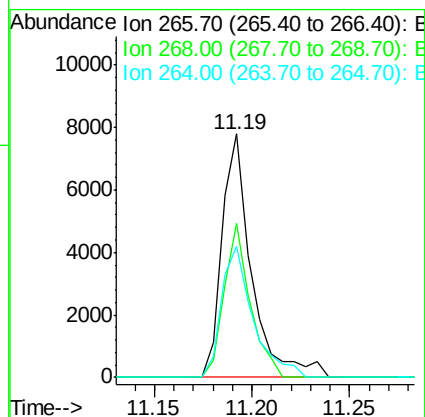
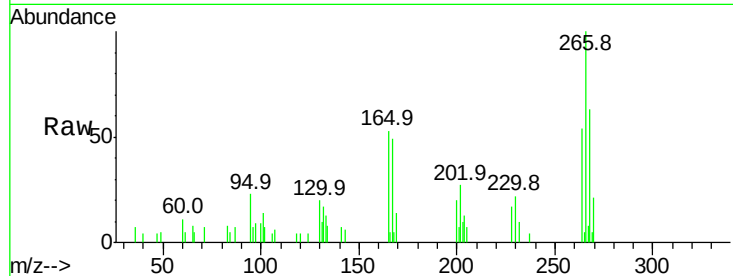




#69
 Pentachlorophenol
 Concen: 3.058 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.05 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

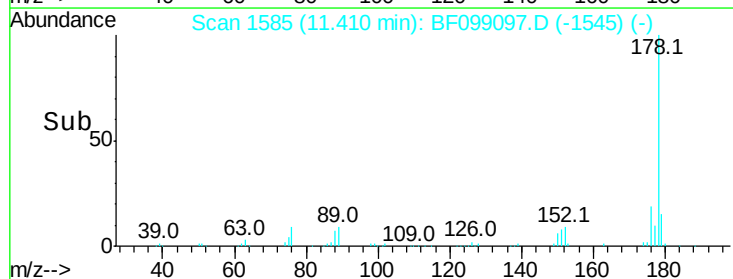
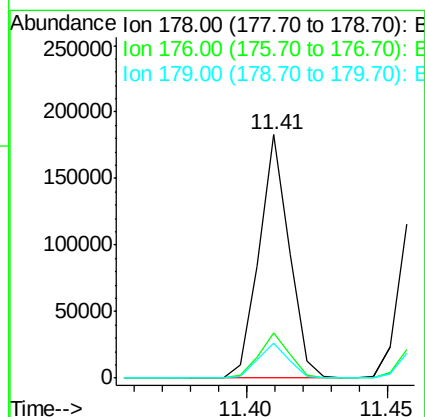
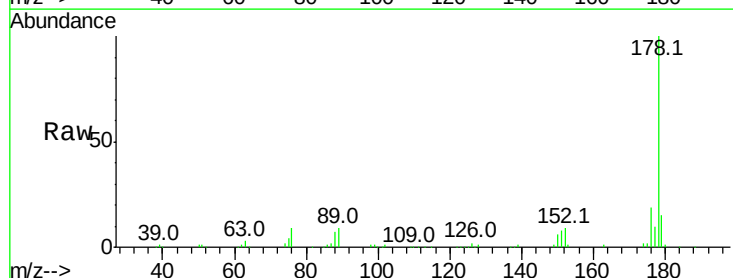
Instrument :
 BNA_F
 ClientSampled :

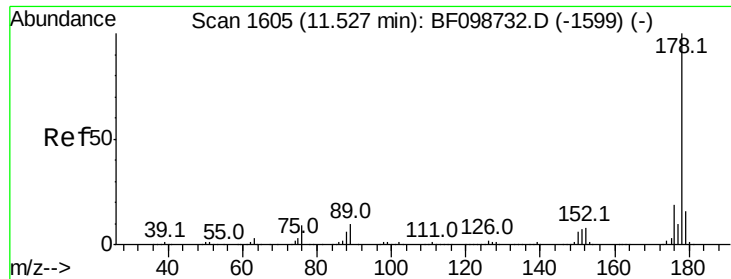
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	53.6	49.5	74.3



#70
 Phenanthrene
 Concen: 6.208 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	14.5	13.0	19.6

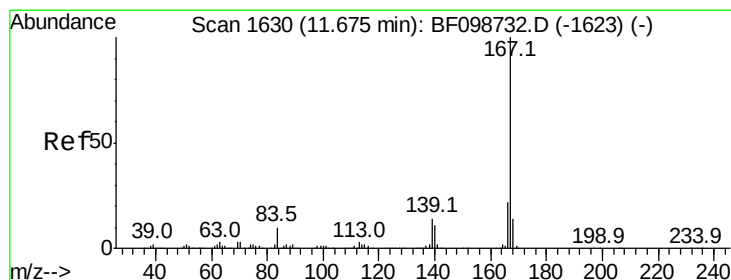
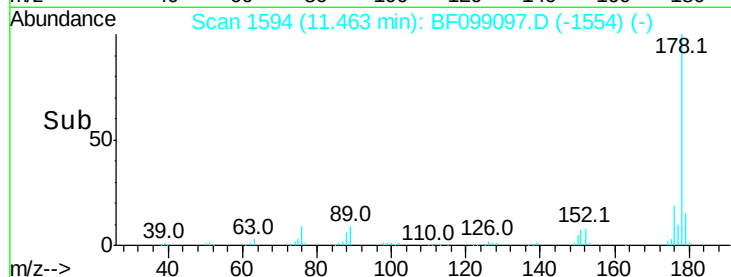
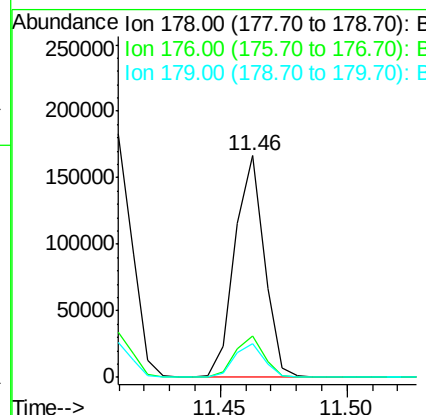
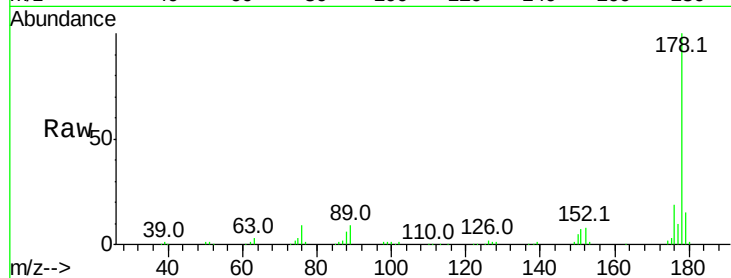




#71
 Anthracene
 Concen: 6.028 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

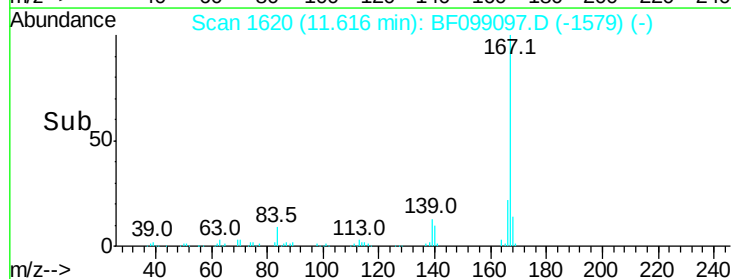
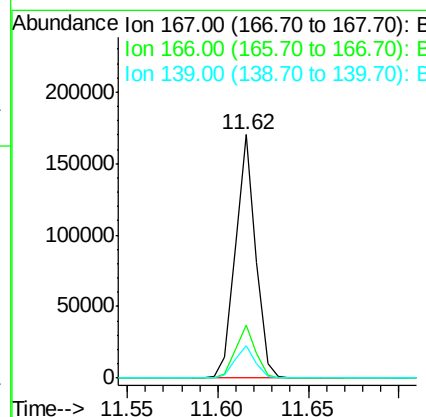
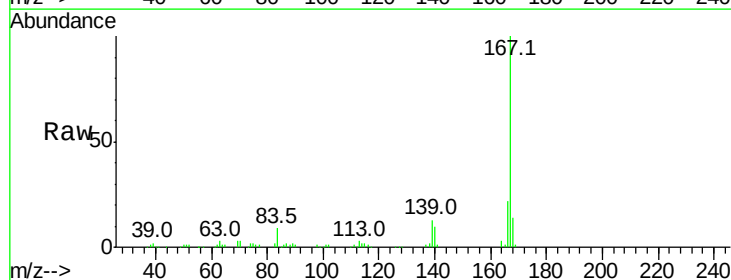
Instrument :
 BNA_F
 ClientSampled :

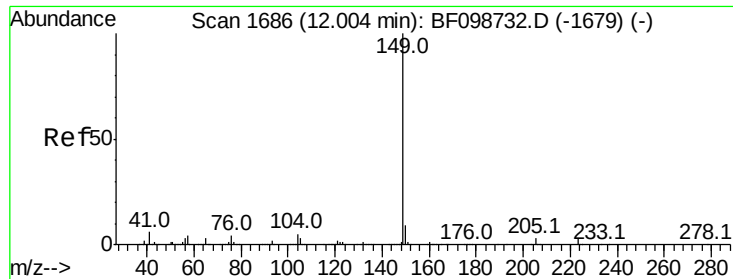
Tot Ion:178 Resp: 135029
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 6.038 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

Tgt Ion:167 Resp: 132460
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 13.1 10.9 16.3

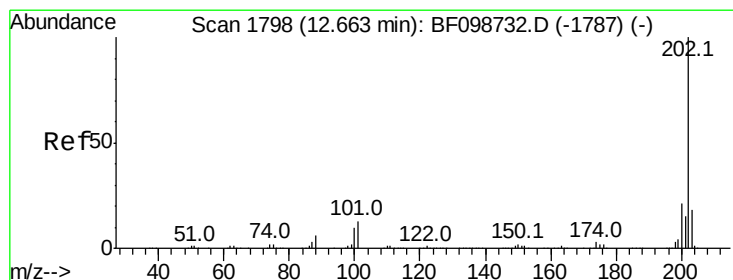
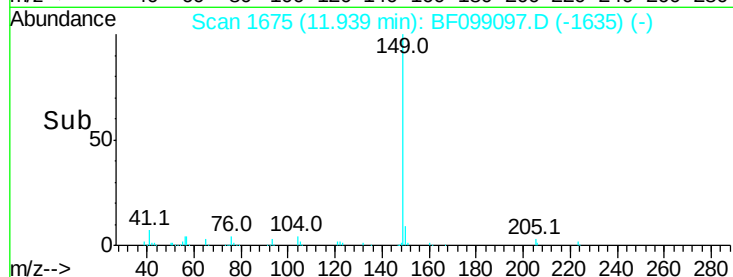
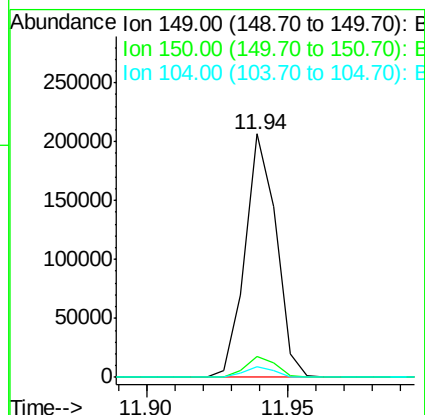
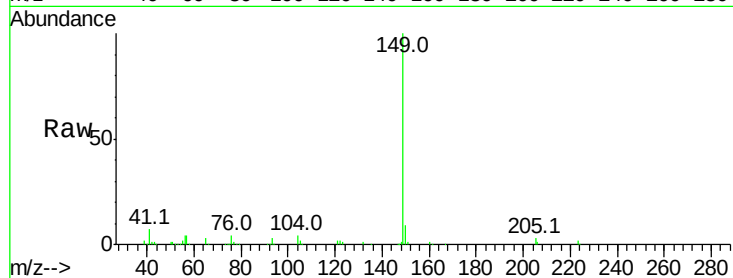




#73
Di-n-butylphthalate
Concen: 5.977 ng
RT: 11.94 min Scan# 1675
Delta R.T. -0.06 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

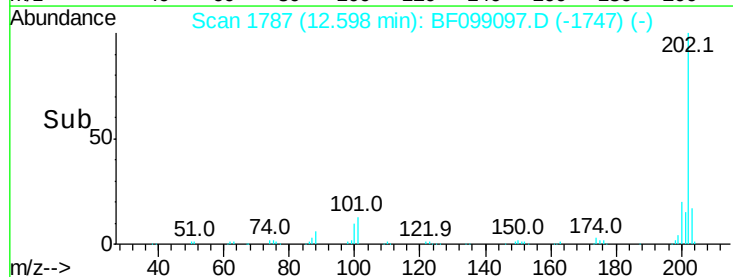
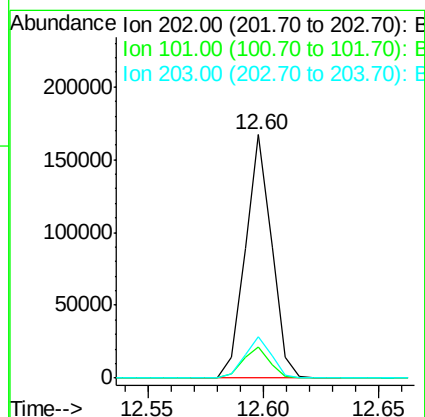
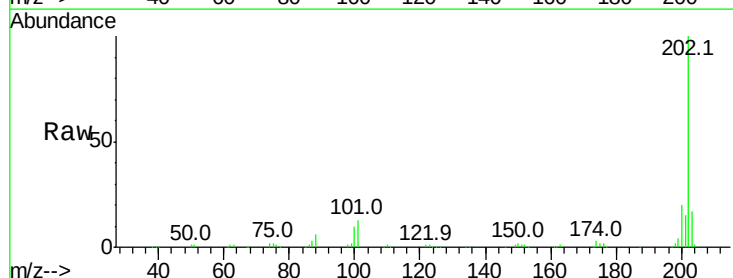
Instrument :
BNA_F
ClientSampleId :

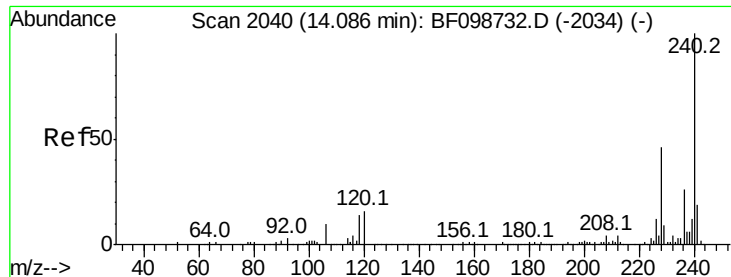
Tot Ion:149 Resp: 157814
Ion Ratio Lower Upper
149 100
150 8.7 7.8 11.6
104 4.4 3.8 5.8



#74
Fluoranthene
Concen: 5.989 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.06 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

Tgt Ion:202 Resp: 132779
Ion Ratio Lower Upper
202 100
101 12.7 0.0 34.1
203 17.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.06 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

Instrument :

BNA_F

ClientSampled :

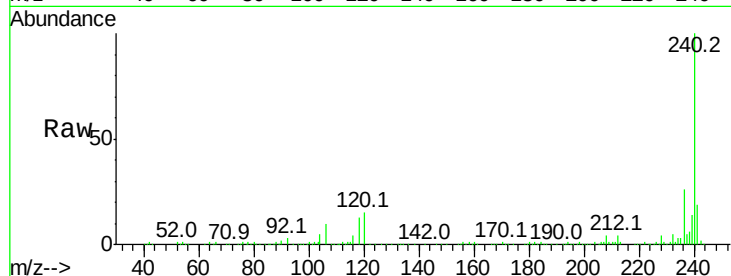
Tot Ion:240 Resp: 345024

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

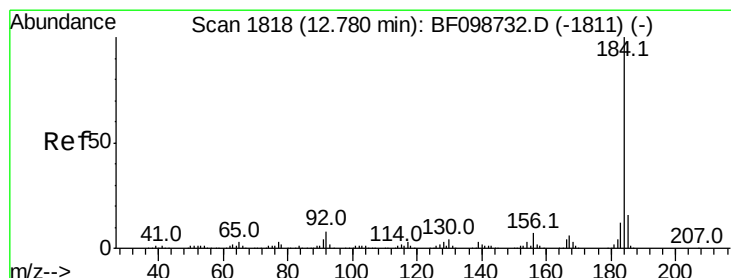
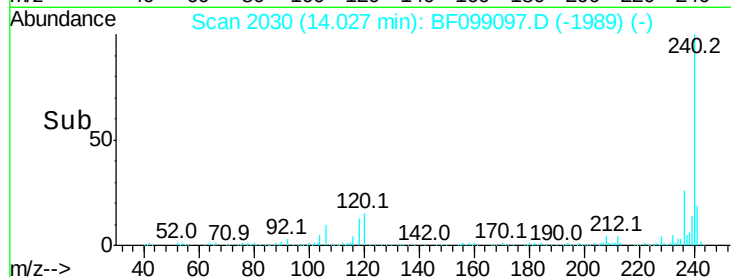
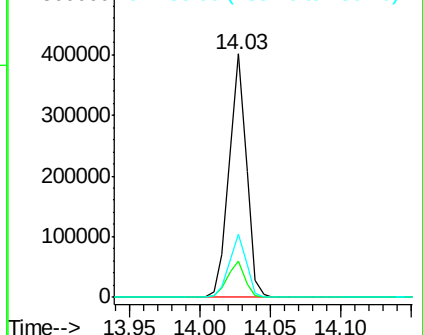
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.900 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.06 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

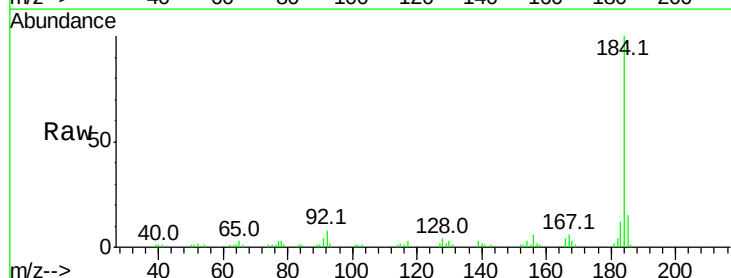
Tgt Ion:184 Resp: 49763

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

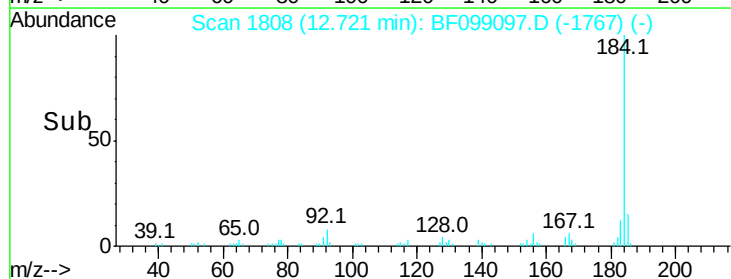
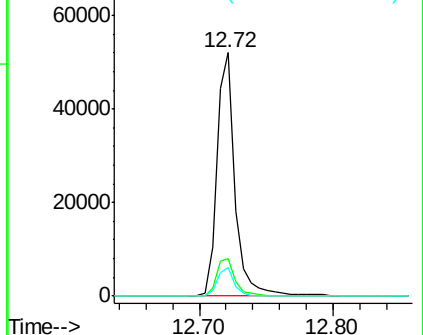
183 11.7 9.3 13.9

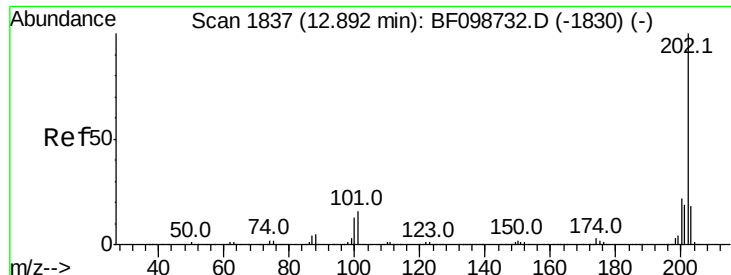


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 5.395 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.06 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

Instrument :

BNA_F

ClientSampled :

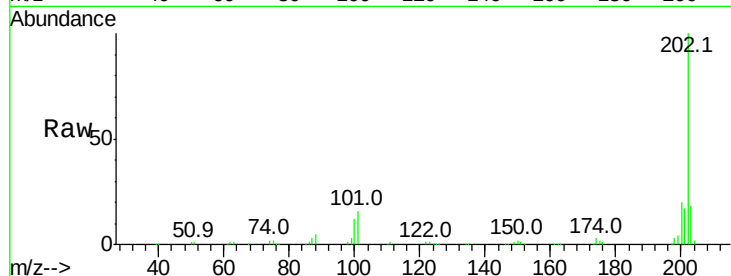
Tot Ion:202 Resp: 141944

Ion Ratio Lower Upper

202 100

200 20.4 17.4 26.2

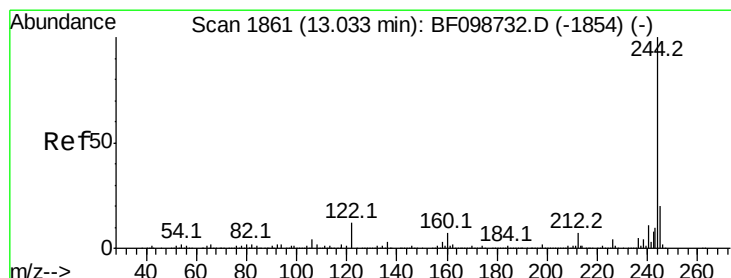
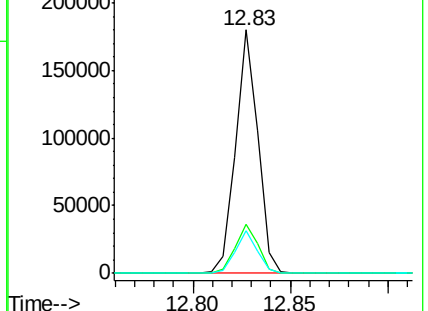
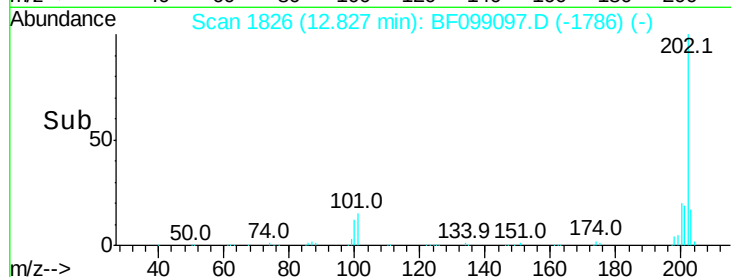
203 17.5 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 68.510 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.06 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

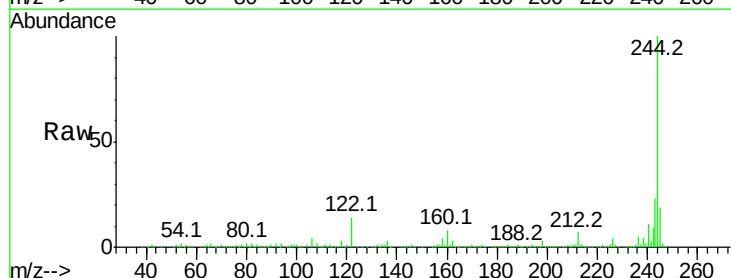
Tgt Ion:244 Resp: 1039385

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

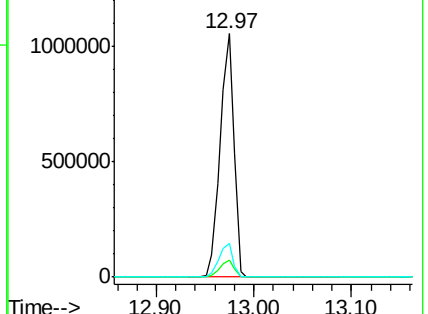
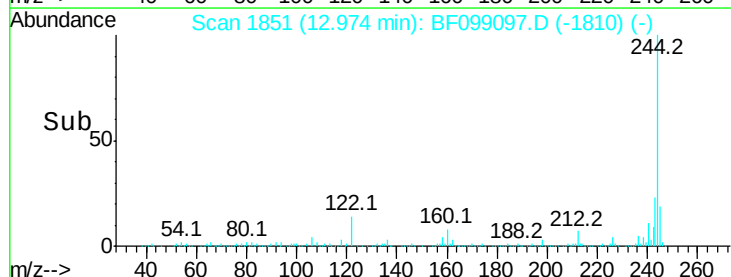
122 13.7 11.0 16.4

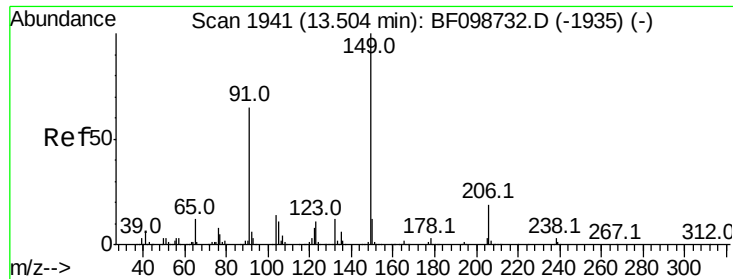


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

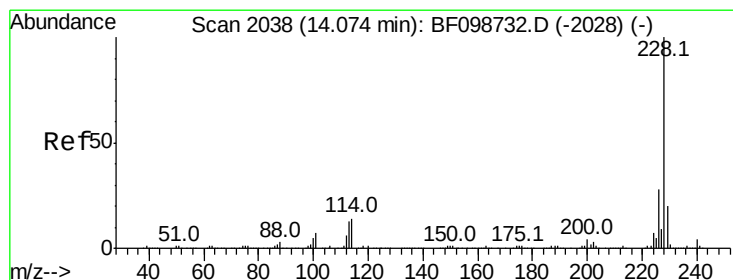
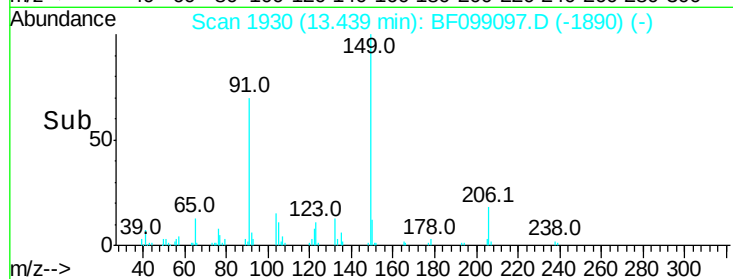
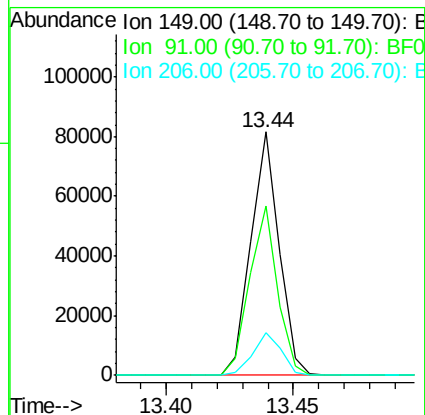
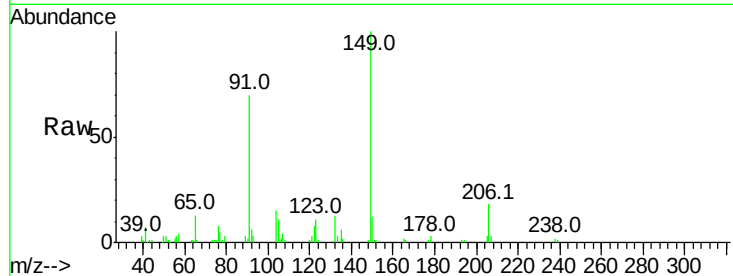




#79
Butylbenzylphthalate
Concen: 5.124 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.06 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

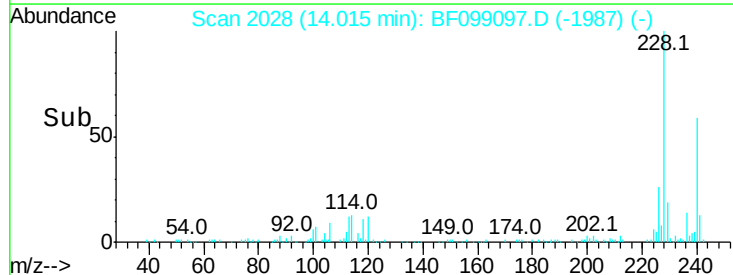
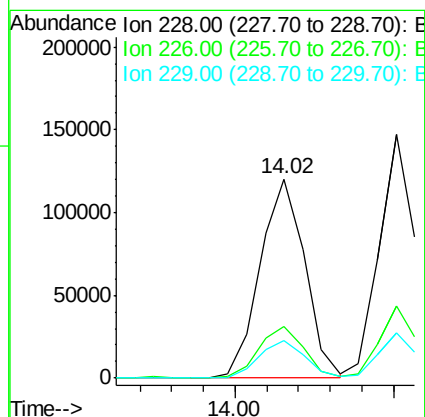
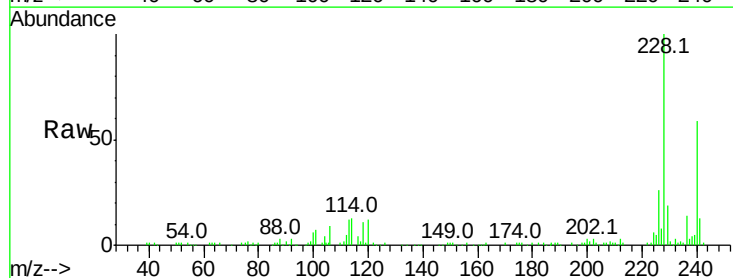
Instrument :
BNA_F
ClientSampled :

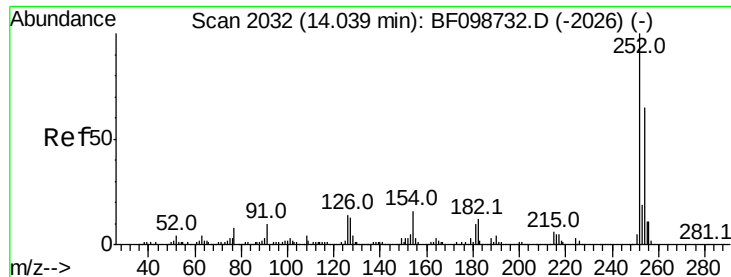
Tot Ion:149 Resp: 63359
Ion Ratio Lower Upper
149 100
91 69.8 56.8 85.2
206 17.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 5.657 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.06 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

Tgt Ion:228 Resp: 118177
Ion Ratio Lower Upper
228 100
226 25.9 22.6 33.8
229 19.0 15.8 23.6

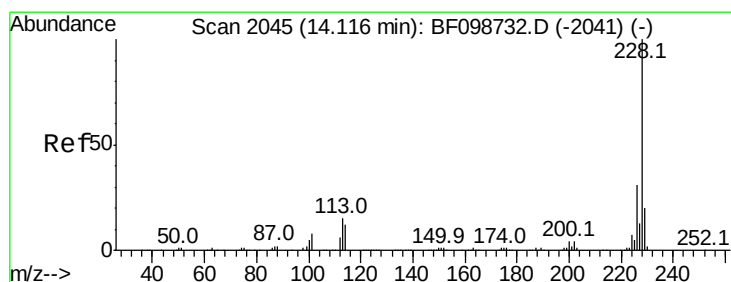
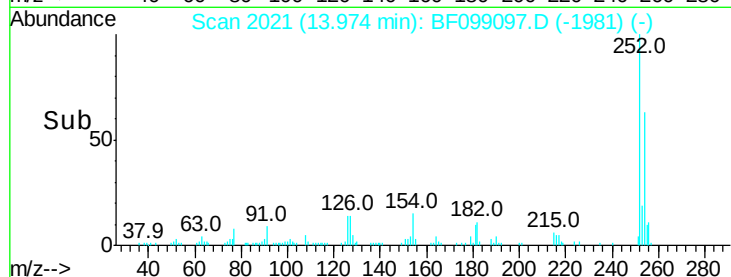
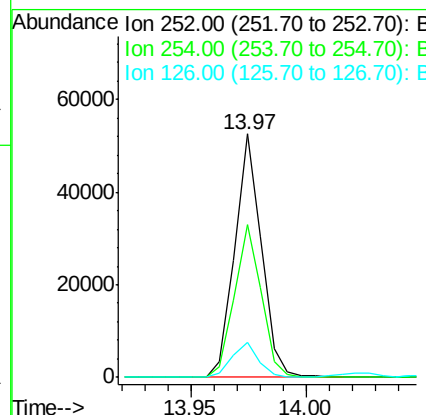
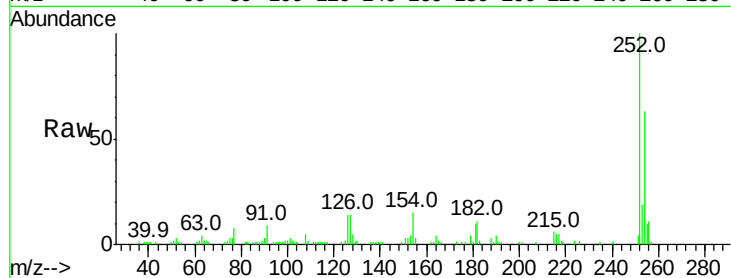




#81
 3,3'-Dichlorobenzidine
 Concen: 5.523 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

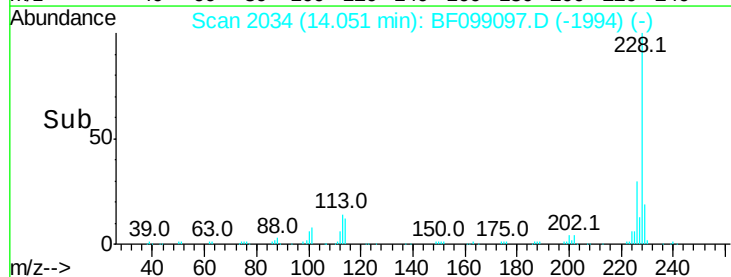
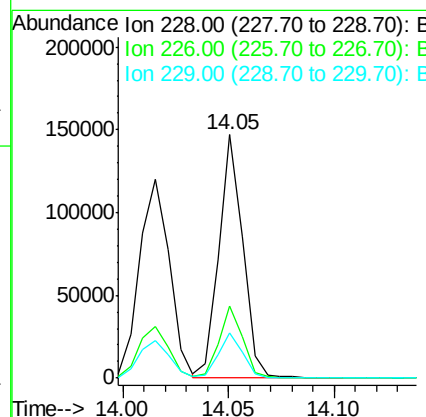
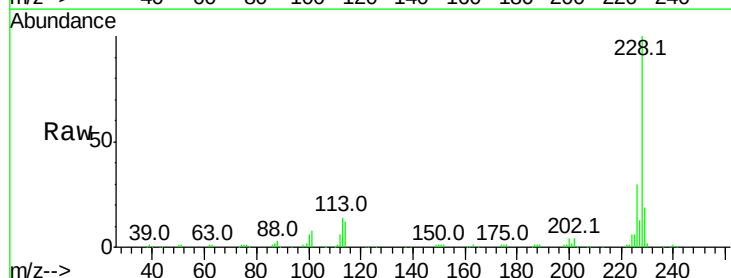
Instrument :
 BNA_F
 ClientSampleId :

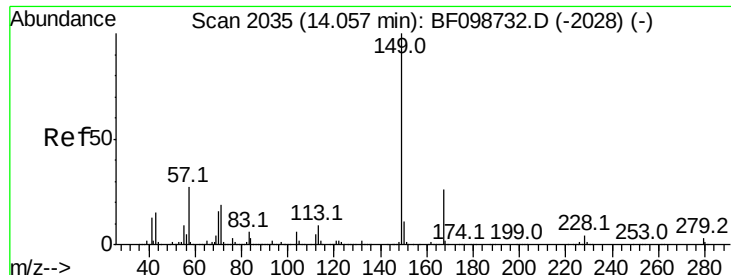
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.6	50.4	75.6
126	14.1	11.3	16.9



#82
 Chrysene
 Concen: 5.880 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	18.6	16.2	24.4

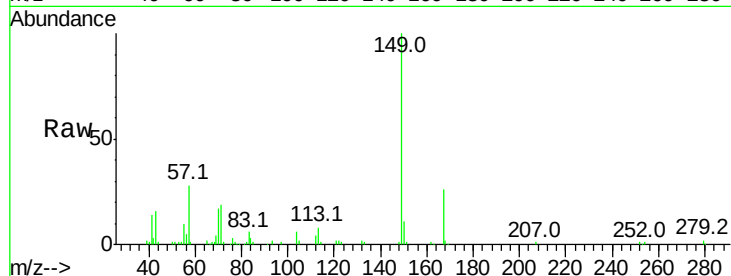




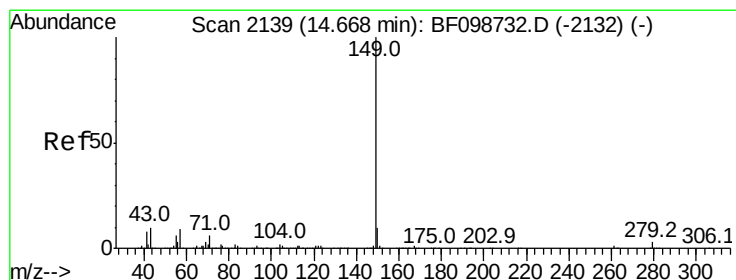
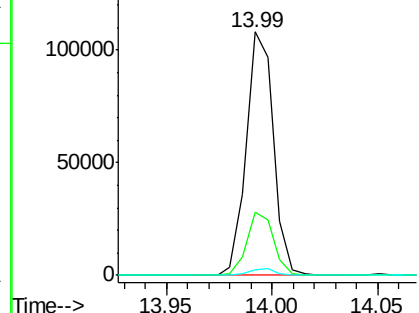
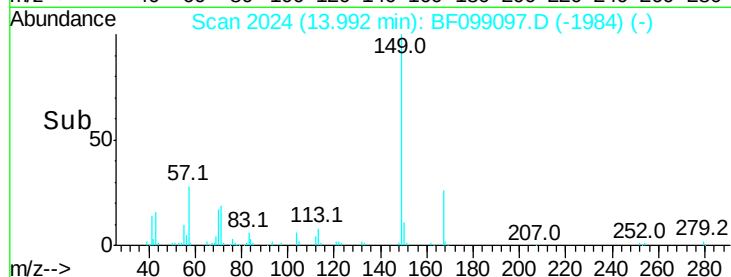
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.656 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 96302
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.3 31.9
 279 2.4 3.0 4.4#

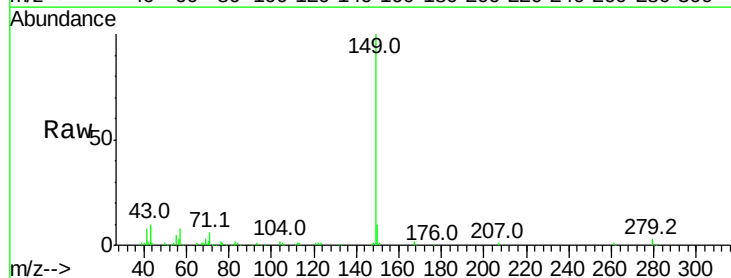


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

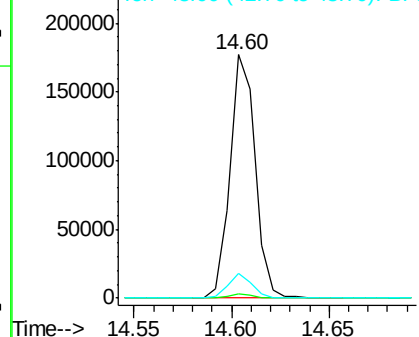
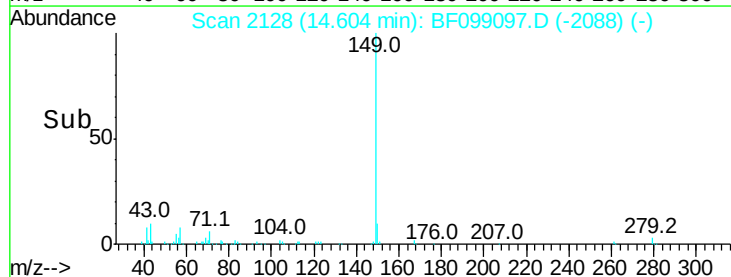


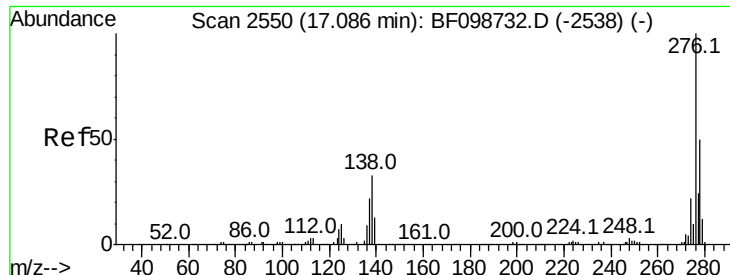
#84
 Di-n-octyl phthalate
 Concen: 5.759 ng
 RT: 14.60 min Scan# 2128
 Delta R.T. -0.06 min
 Lab File: BF099097.D
 Acq: 5 Oct 2017 11:34

Tgt Ion:149 Resp: 157890
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.3 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

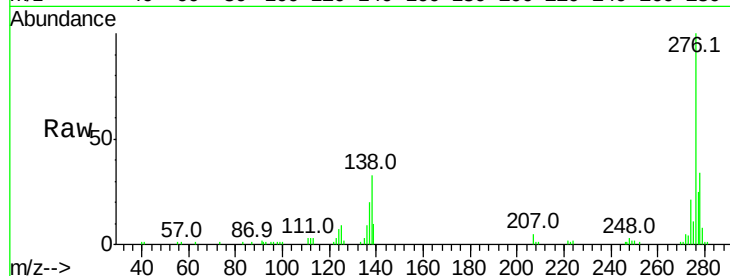




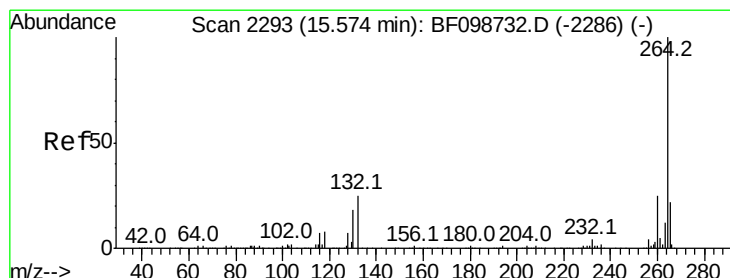
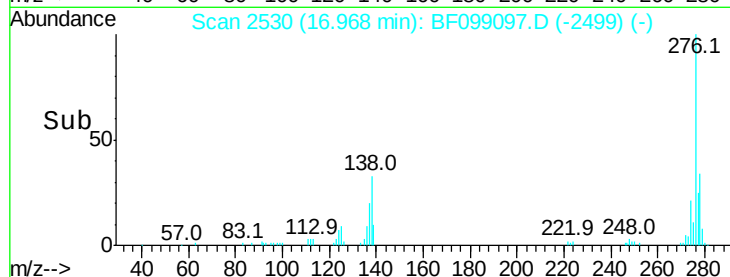
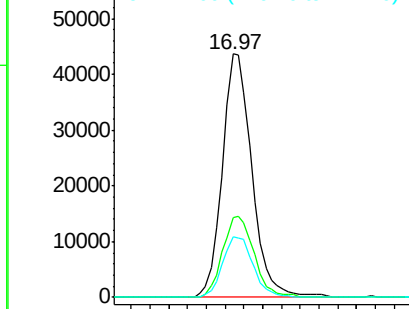
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.023 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.12 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	25.0	37.6
277	25.4	20.1	30.1

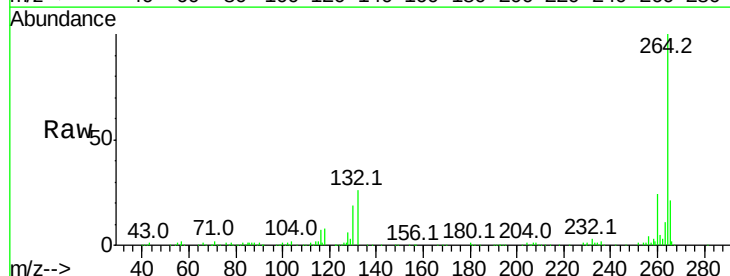


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

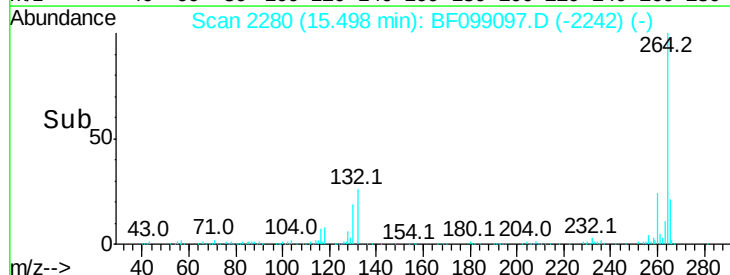
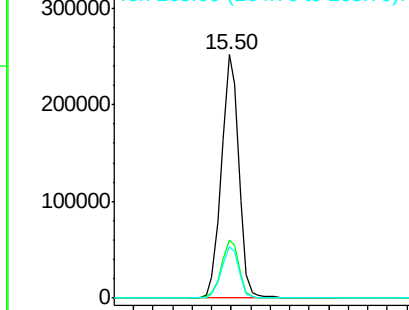


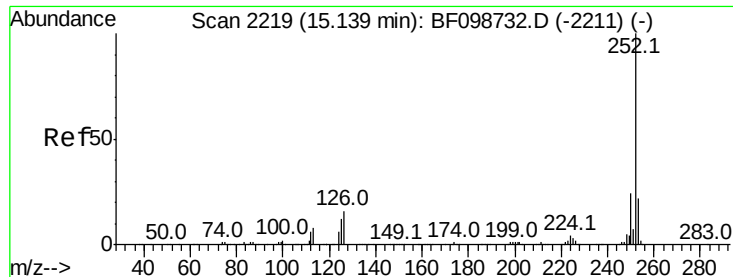
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.08 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.1	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

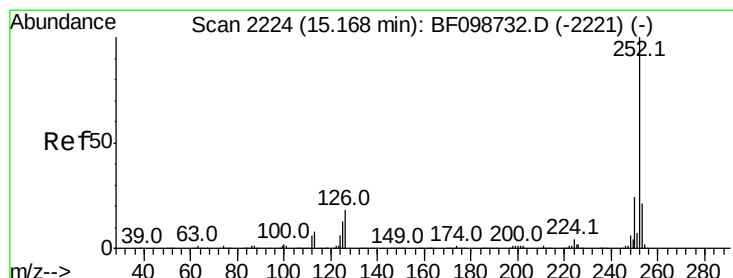
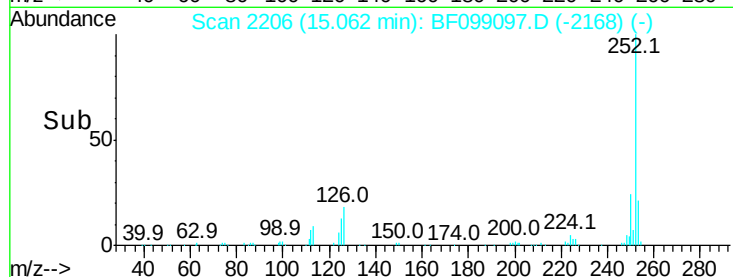
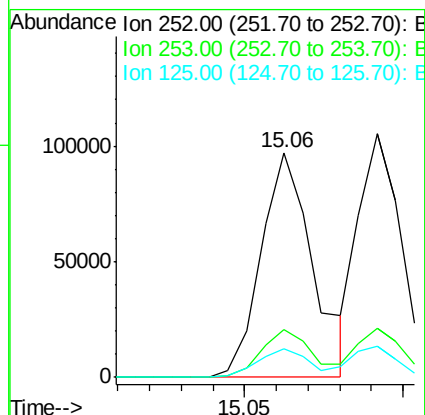
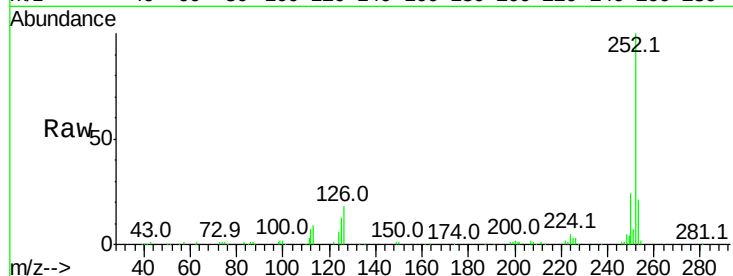




#87
Benzo(b)fluoranthene
Concen: 5.745 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.08 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

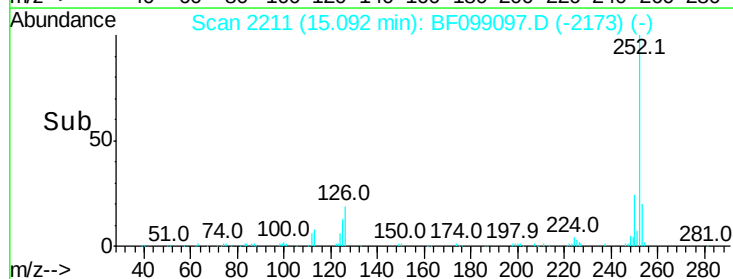
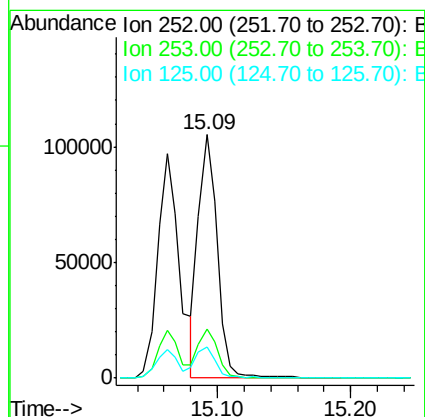
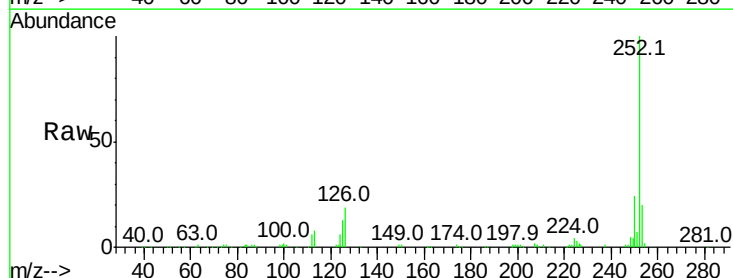
Instrument :
BNA_F
ClientSampleId :

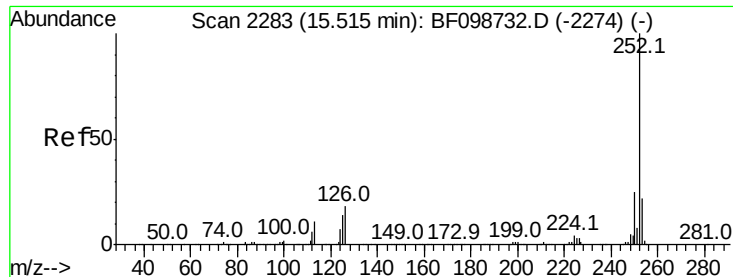
Tot Ion:252 Resp: 110314
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 12.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 5.378 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.08 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

Tgt Ion:252 Resp: 101989
Ion Ratio Lower Upper
252 100
253 20.2 17.9 26.9
125 12.9 10.2 15.2

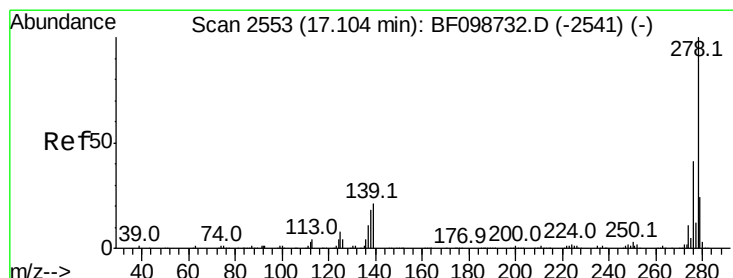
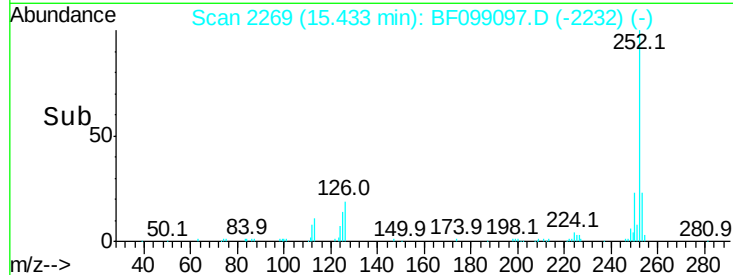
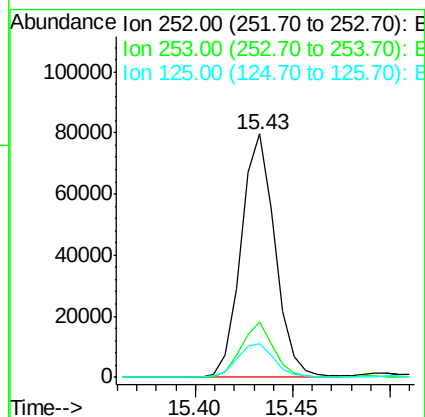
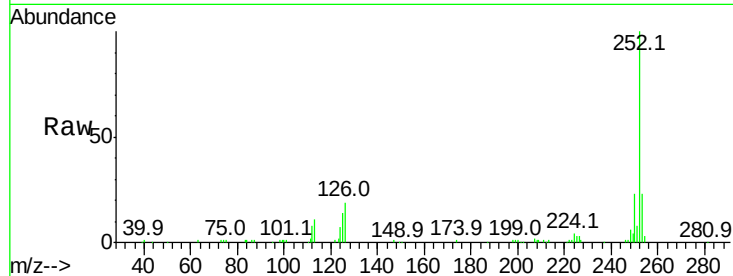




#89
Benzo(a)pyrene
Concen: 5.465 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.08 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

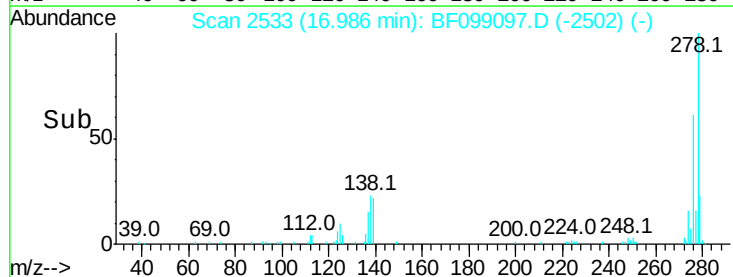
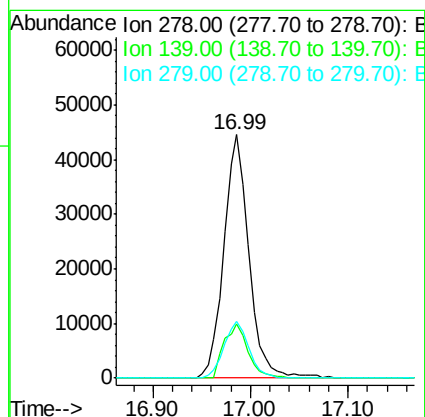
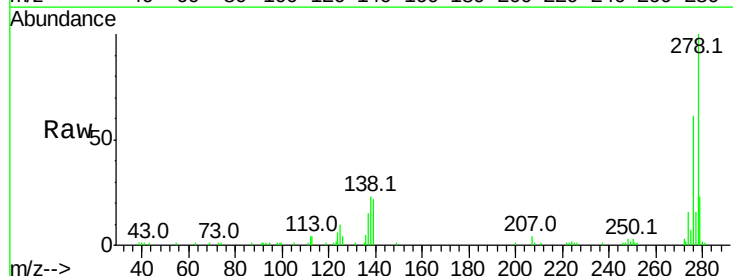
Instrument :
BNA_F
ClientSampled :

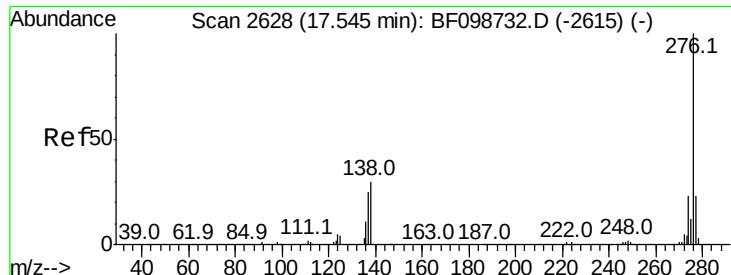
Tot Ion:252 Resp: 96320
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 13.9 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 5.629 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.12 min
Lab File: BF099097.D
Acq: 5 Oct 2017 11:34

Tgt Ion:278 Resp: 79408
Ion Ratio Lower Upper
278 100
139 22.3 15.9 23.9
279 23.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 5.391 ng

RT: 17.42 min Scan# 2607

Delta R.T. -0.12 min

Lab File: BF099097.D

Acq: 5 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

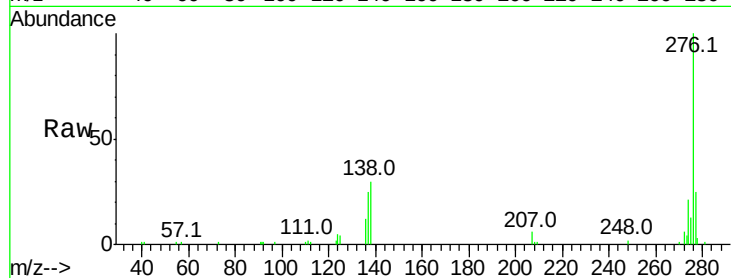
Tot Ion:276 Resp: 75161

Ion Ratio Lower Upper

276 100

277 24.8 17.9 26.9

138 29.7 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

