

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
 Data File : BF099085.D
 Acq On : 4 Oct 2017 23:48
 Operator : SJ/JU
 Sample : I5644-13MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 01:12:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	129207	20.00	ng	-0.06
21) Naphthalene-d8	8.15	136	540850	20.00	ng	-0.06
38) Acenaphthene-d10	9.90	164	243801	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	421597	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	274026	20.00	ng	-0.06
86) Perylene-d12	15.50	264	212546	20.00	ng	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	720321	88.75	ng	-0.05
7) Phenol-d6	6.50	99	879559	87.84	ng	-0.05
23) Nitrobenzene-d5	7.43	82	526006	62.37	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	173192	86.82	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	939620	64.34	ng	-0.06
78) Terphenyl-d14	12.97	244	789701	65.54	ng	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	96256	24.83	ng	96
3) Pyridine	3.56	79	24355	2.32	ng	90
4) n-Nitrosodimethylamine	3.41	42	118789	26.71	ng	89
6) Aniline	6.53	93	170961	12.65	ng	99
8) 2-Chlorophenol	6.65	128	268113	29.17	ng	95
9) Benzaldehyde	6.42	77	134287	23.12	ng	96
10) Phenol	6.51	94	346269	30.92	ng	94
11) bis(2-Chloroethyl)ether	6.60	93	247483	28.43	ng	97
12) 1,3-Dichlorobenzene	6.80	146	276003	28.67	ng	98
13) 1,4-Dichlorobenzene	6.88	146	277558	28.34	ng	99
14) 1,2-Dichlorobenzene	7.03	146	263044	29.07	ng	99
15) Benzyl Alcohol	7.00	79	223786	30.47	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	375805	27.71	ng	98
17) 2-Methylphenol	7.12	107	221374	29.43	ng	98
18) Hexachloroethane	7.37	117	95940	27.25	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	174100	27.23	ng	95
20) 3+4-Methylphenols	7.27	107	276438	29.05	ng	# 77
22) Acetophenone	7.27	105	363003	27.70	ng	# 97
24) Nitrobenzene	7.45	77	269361	28.16	ng	98
25) Isophorone	7.69	82	495977	28.44	ng	99
26) 2-Nitrophenol	7.76	139	143847	31.27	ng	90
27) 2,4-Dimethylphenol	7.80	122	244122	28.10	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	316226	29.10	ng	99
29) 2,4-Dichlorophenol	8.00	162	219539	29.43	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	219500	29.42	ng	97
31) Naphthalene	8.17	128	755119	29.73	ng	99
32) Benzoic acid	7.87	122	21525	3.02	ng	98
33) 4-Chloroaniline	8.22	127	205609	19.38	ng	97
34) Hexachlorobutadiene	8.28	225	105674	27.50	ng	98
35) Caprolactam	8.57	113	23237	9.71	ng	93
36) 4-Chloro-3-methylphenol	8.69	107	232948	27.78	ng	97
37) 2-Methylnaphthalene	8.86	142	520472	31.52	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	199003	27.37	ng	99
40) Hexachlorocyclopentadiene	9.01	237	117278	35.30	ng	97

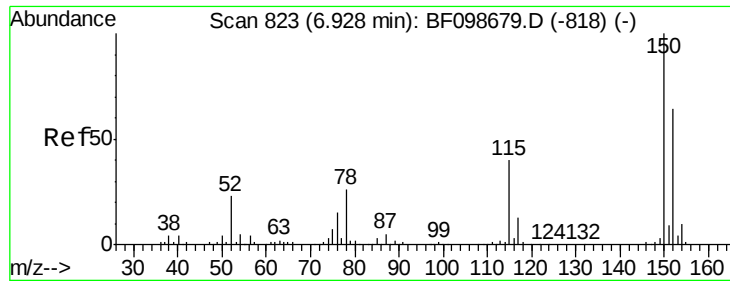
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	142160	27.60	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	148206	28.82	nq	98
45) 1,1'-Biphenyl	9.32	154	597573	28.52	nq	99
46) 2-Chloronaphthalene	9.35	162	464422	29.52	nq	97
47) 2-Nitroaniline	9.45	65	142540	29.59	nq	97
48) Acenaphthylene	9.76	152	714899	29.68	nq	99
49) Dimethylphthalate	9.62	163	650831	35.37	nq	99
50) 2,6-Dinitrotoluene	9.69	165	119744	29.89	nq	94
51) Acenaphthene	9.94	154	423688	27.77	nq	98
52) 3-Nitroaniline	9.86	138	121831	26.08	nq	94
53) 2,4-Dinitrophenol	9.96	184	58205	31.70	nq	97
54) Dibenzofuran	10.11	168	642005	31.61	nq	99
55) 4-Nitrophenol	10.02	139	200679	50.81	nq	94
56) 2,4-Dinitrotoluene	10.09	165	159000	30.58	nq	92
57) Fluorene	10.45	166	490910	30.07	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	106231	29.91	nq	97
59) Diethylphthalate	10.32	149	515292	28.66	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	217863	29.71	nq	98
61) 4-Nitroaniline	10.47	138	137187	30.44	nq	89
62) Azobenzene	10.60	77	497190	30.07	nq	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	61056	23.80	nq	93
65) n-Nitrosodiphenylamine	10.56	169	425175	29.11	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	124565	30.18	nq	92
67) Hexachlorobenzene	11.00	284	126280	28.65	nq	99
68) Atrazine	11.09	200	132084	30.06	nq	99
69) Pentachlorophenol	11.19	266	116308	42.40	nq	98
70) Phenanthrene	11.42	178	699730	31.01	nq	99
71) Anthracene	11.47	178	713364	30.89	nq	99
72) Carbazole	11.62	167	675365	29.87	nq	100
73) Di-n-butylphthalate	11.95	149	797367	29.30	nq	99
74) Fluoranthene	12.60	202	693382	30.34	nq	99
77) Pyrene	12.83	202	705765	33.78	nq	99
79) Butylbenzylphthalate	13.44	149	327850	33.38	nq	92
80) Benzo(a)anthracene	14.02	228	516312	31.12	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	127583	20.97	nq	97
82) Chrysene	14.06	228	483267	30.59	nq	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	433224	32.04	nq	99
84) Di-n-octyl phthalate	14.61	149	643536	29.56	nq	97
85) Indeno(1,2,3-cd)pyrene	16.98	276	394737	31.24	nq	96
87) Benzo(b)fluoranthene	15.07	252	385067	29.47	nq	99
88) Benzo(k)fluoranthene	15.10	252	390586	30.26	nq	99
89) Benzo(a)pyrene	15.44	252	361074	30.10	nq	99
90) Dibenzo(a,h)anthracene	17.00	278	329997	34.37	nq	98
91) Benzo(g,h,i)perylene	17.43	276	337896	35.61	nq	97

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

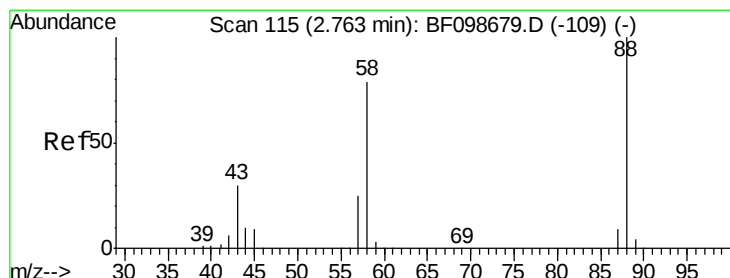
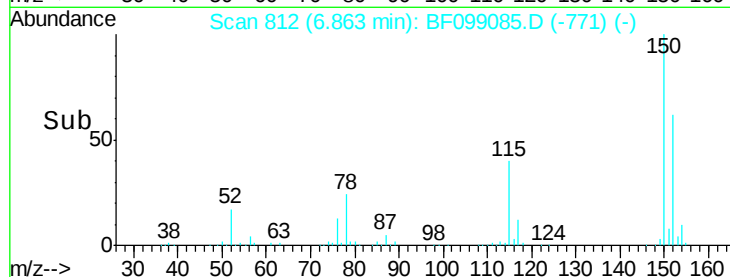
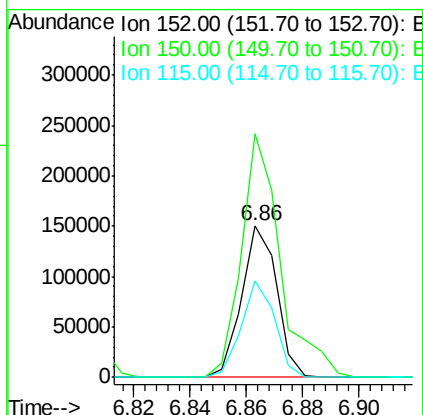
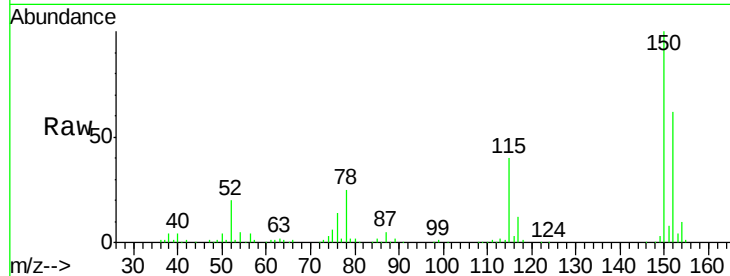


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Instrument :
BNA_F
ClientSampleId :

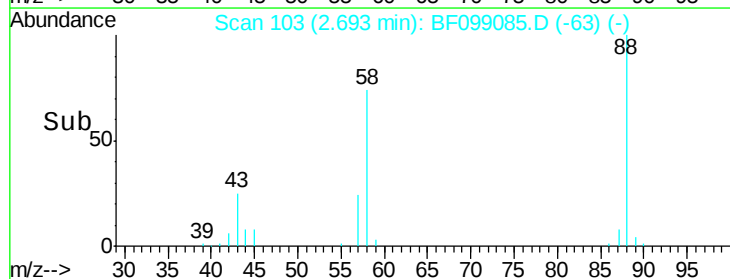
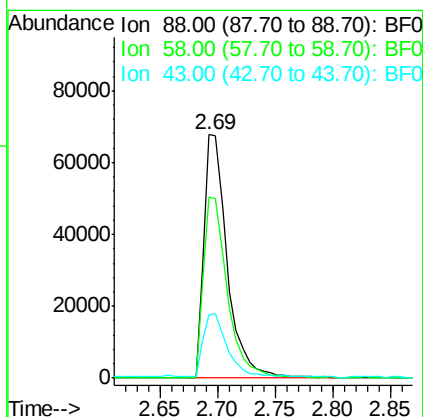
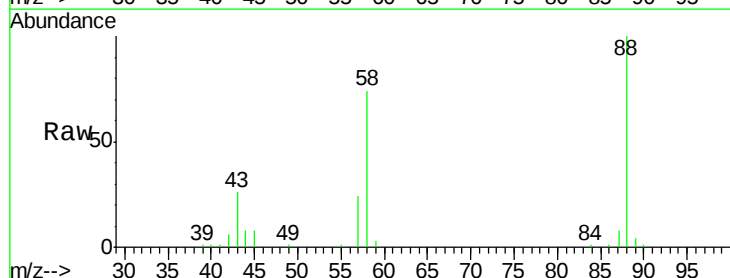
Tot Ion:152 Resp: 129207
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 63.4 50.1 75.1

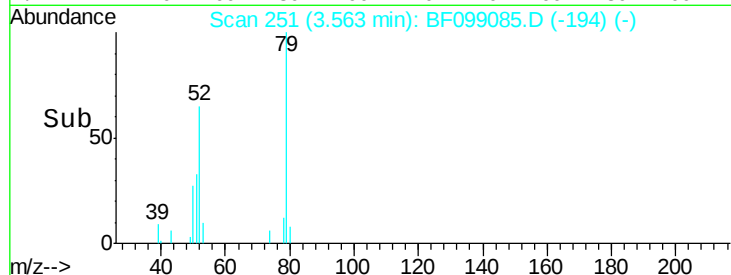
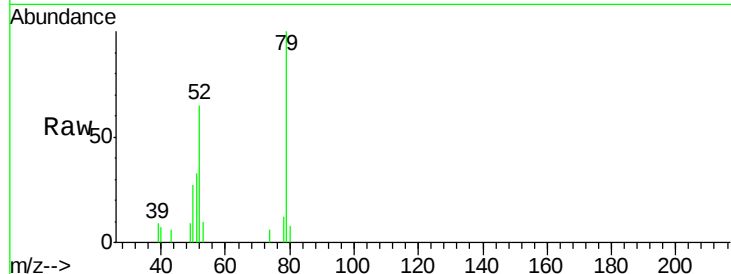
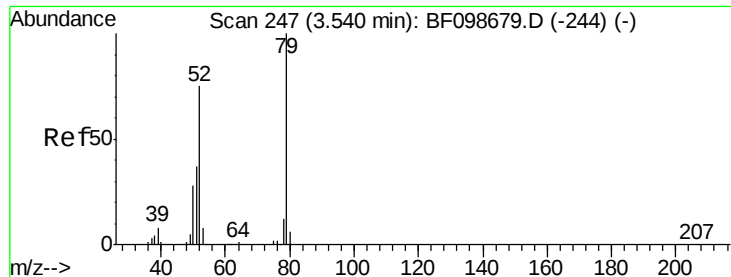


#2

1,4-Dioxane
Concen: 24.83 ng
RT: 2.69 min Scan# 103
Delta R.T. -0.06 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Tgt Ion: 88 Resp: 96256
Ion Ratio Lower Upper
88 100
58 76.1 62.6 93.8
43 26.8 24.6 37.0

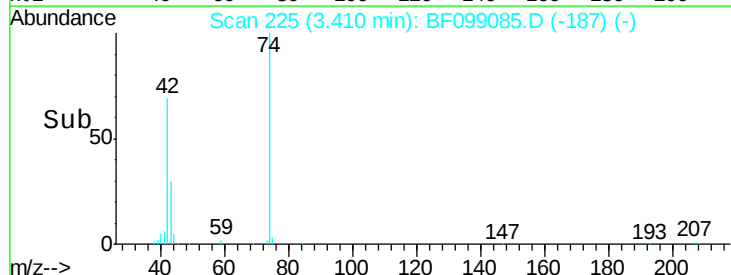
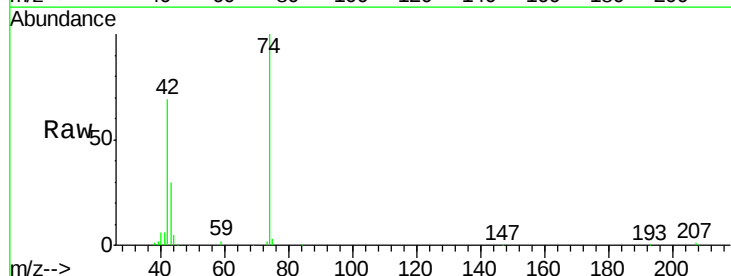
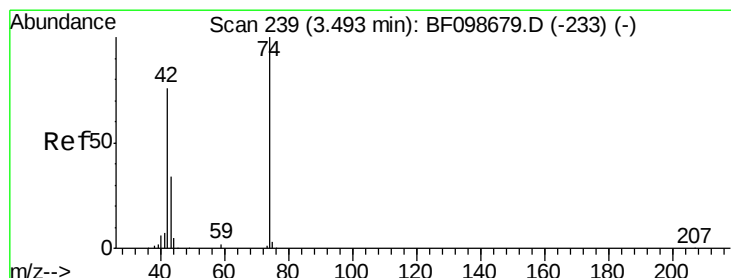
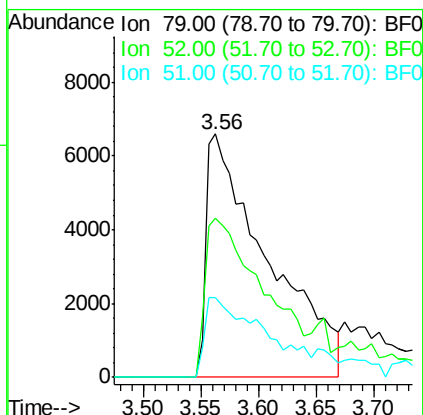




#3
Pvridine
Concen: 2.32 ng
RT: 3.56 min Scan# 251
Delta R.T. 0.04 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

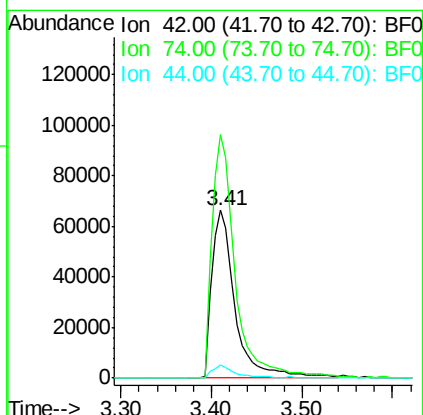
Instrument :
BNA_F
ClientSampleId :

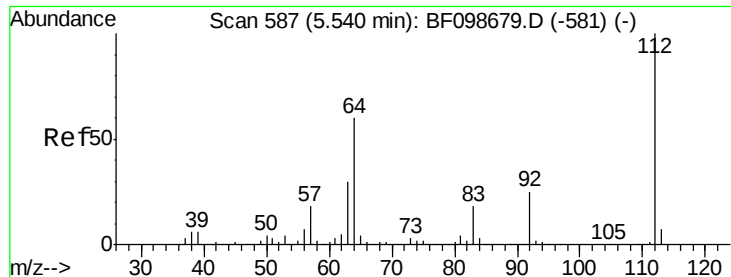
Tot Ion	Ratio	Lower	Upper
79	100		
52	65.2	59.8	89.6
51	32.5	29.8	44.8



#4
n-Nitrosodimethylamine
Concen: 26.71 ng
RT: 3.41 min Scan# 225
Delta R.T. -0.08 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.1	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 88.75 ng

RT: 5.49 min Scan# 579

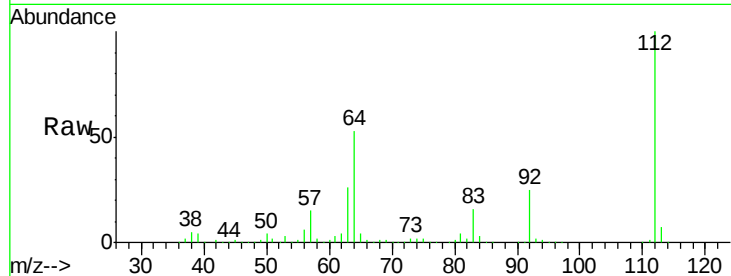
Delta R.T. -0.05 min

Lab File: BF099085.D

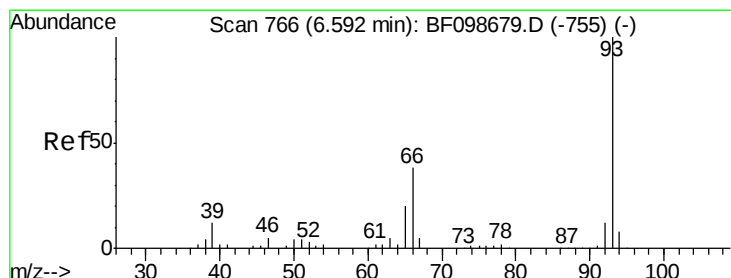
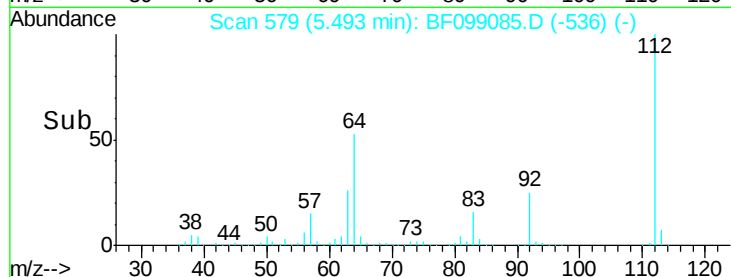
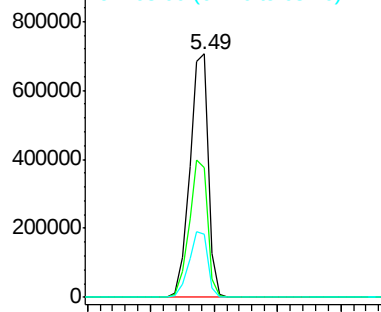
Acq: 4 Oct 2017 23:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	720321
Ion	Ratio	Lower	Upper
112	100		
64	53.3	47.9	71.9
63	26.1	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 12.65 ng

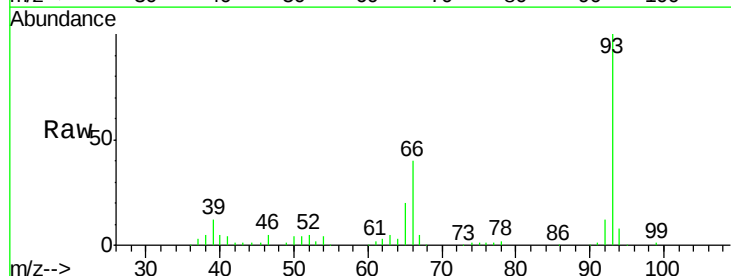
RT: 6.53 min Scan# 755

Delta R.T. -0.06 min

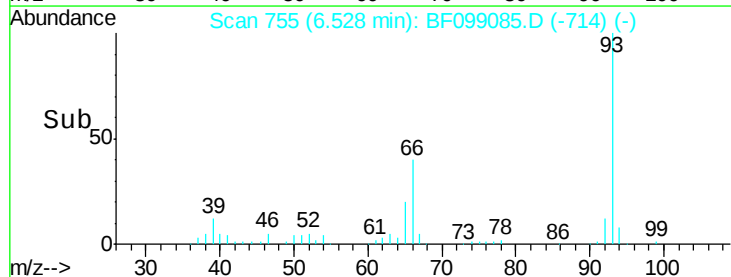
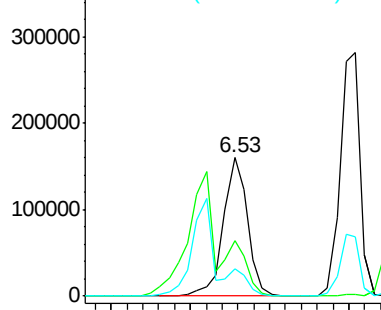
Lab File: BF099085.D

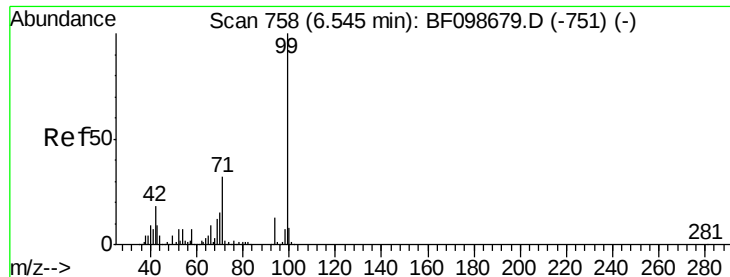
Acq: 4 Oct 2017 23:48

Tgt Ion:	93	Resp:	170961
Ion	Ratio	Lower	Upper
93	100		
66	39.7	32.2	48.2
65	19.8	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 87.84 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

Instrument :

BNA_F

ClientSampled :

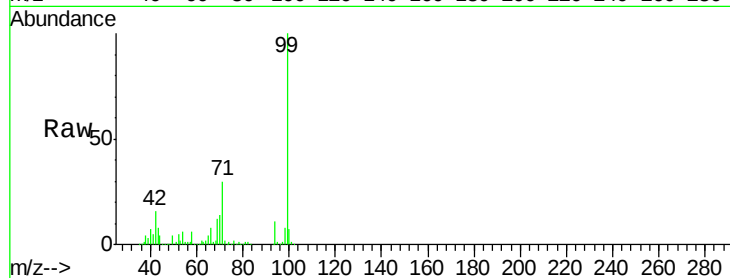
Tot Ion: 99 Resp: 879559

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

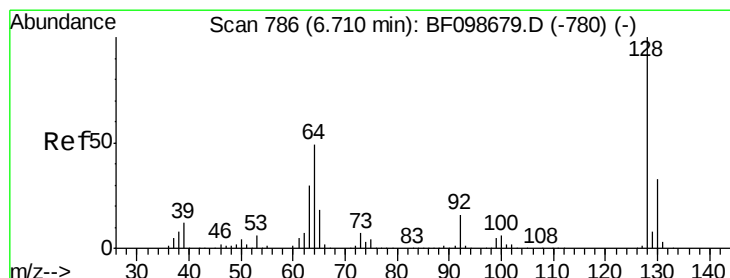
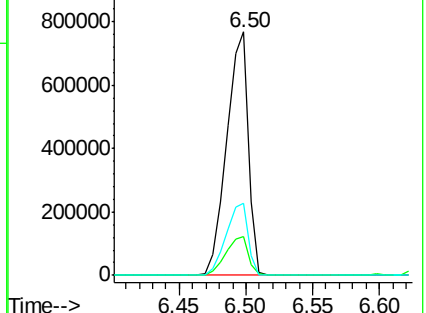
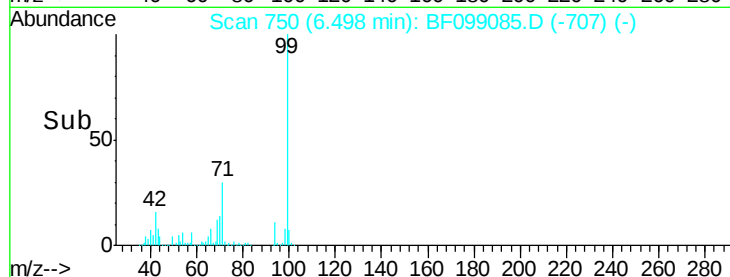
71 29.7 25.4 38.0



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: 29.17 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

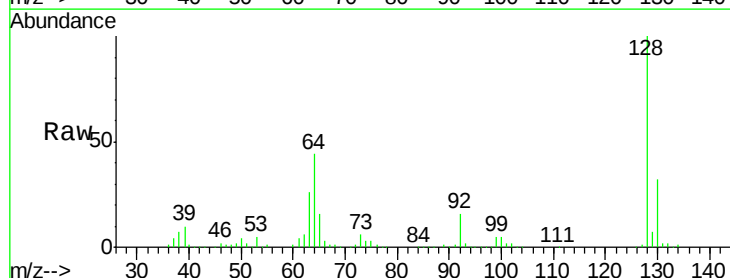
Tgt Ion: 128 Resp: 268113

Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

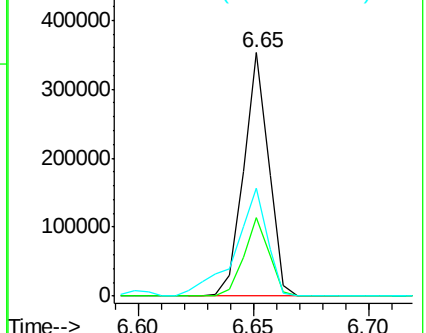
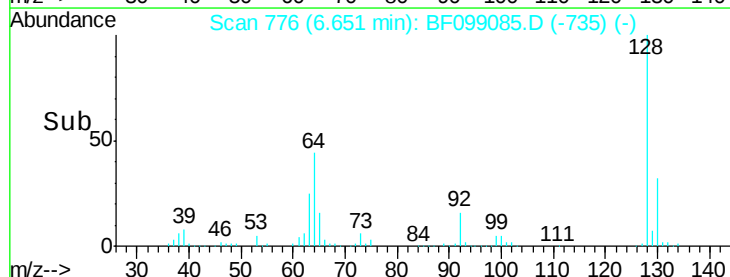
64 44.4 29.4 69.4

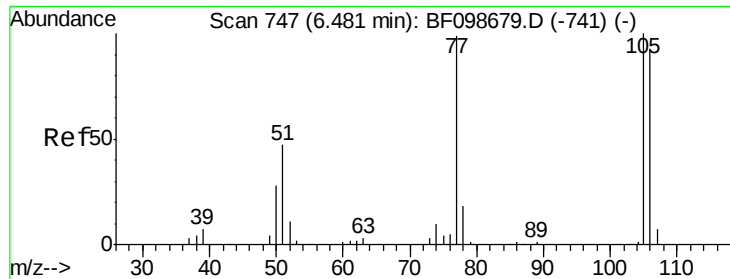


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 23.12 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

Instrument :

BNA_F

ClientSampleId :

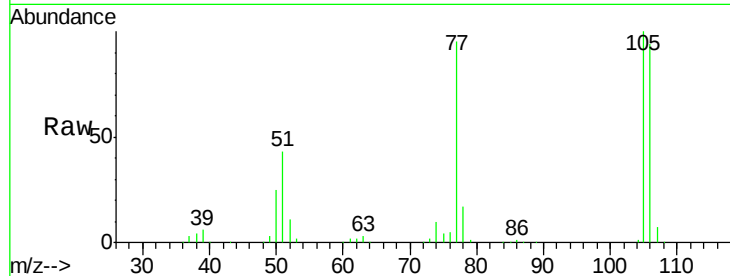
Tot Ion: 77 Resp: 134287

Ion Ratio Lower Upper

77 100

105 105.0 81.1 121.1

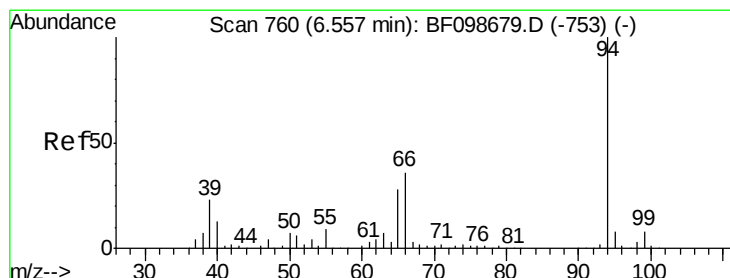
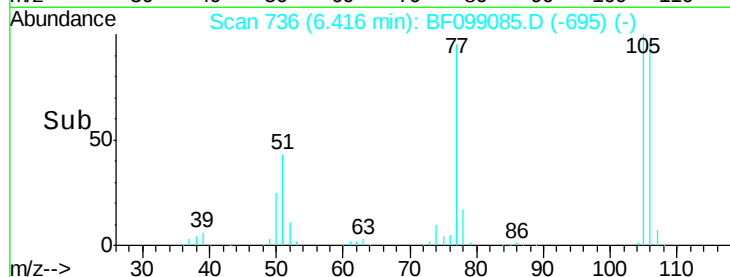
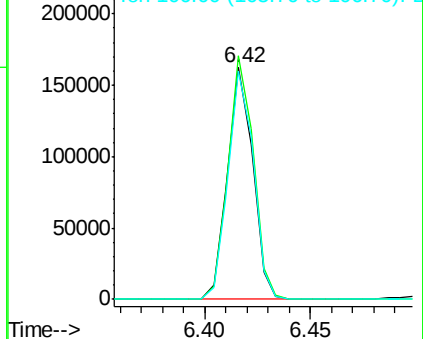
106 98.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 30.92 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.05 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

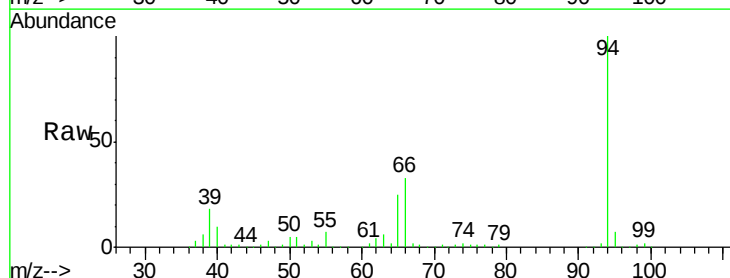
Tgt Ion: 94 Resp: 346269

Ion Ratio Lower Upper

94 100

65 25.4 7.9 47.9

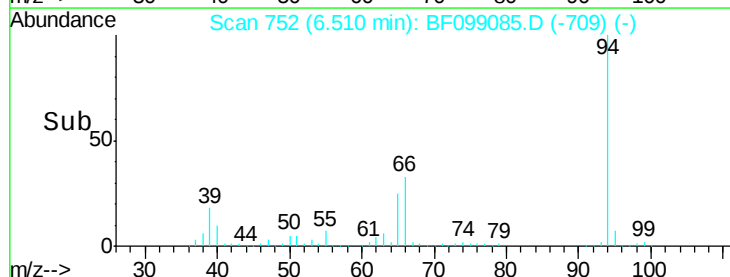
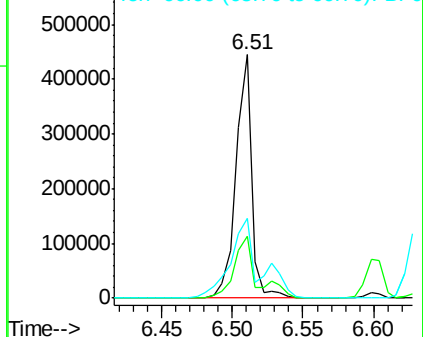
66 32.5 16.2 56.2

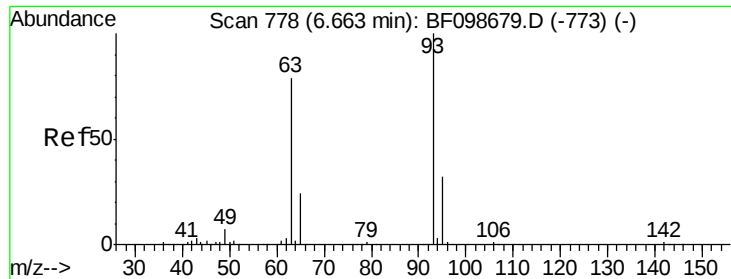


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

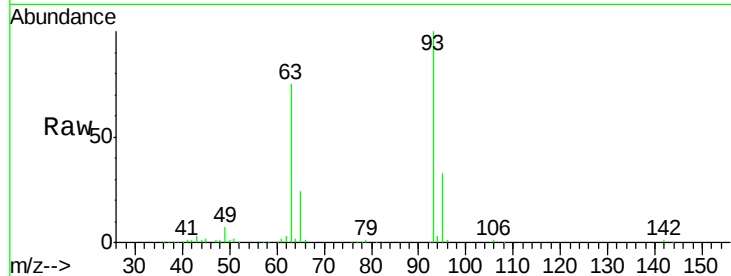




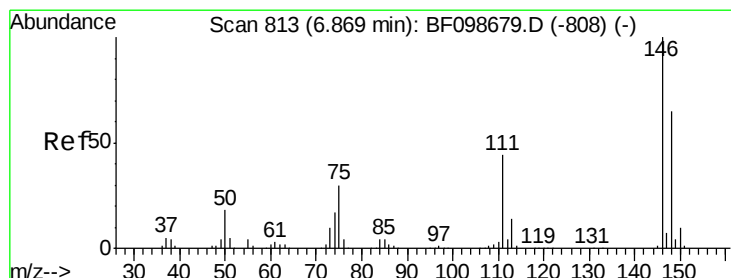
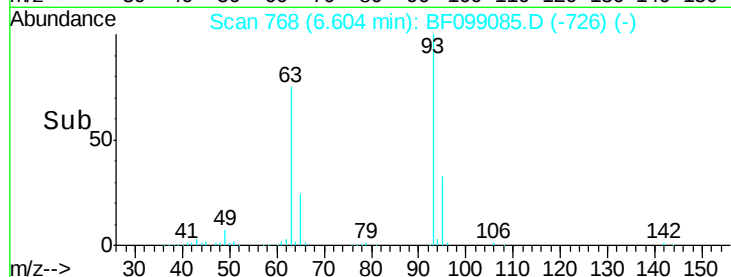
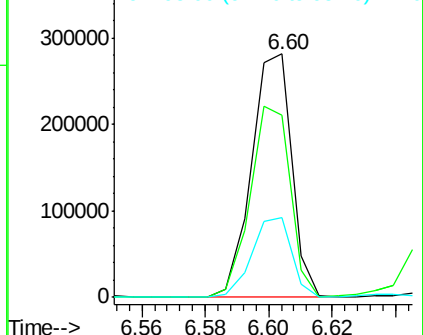
#11
bis(2-Chloroethyl)ether
Concen: 28.43 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 247483
Ion Ratio Lower Upper
93 100
63 74.9 58.6 98.6
95 32.6 11.8 51.8

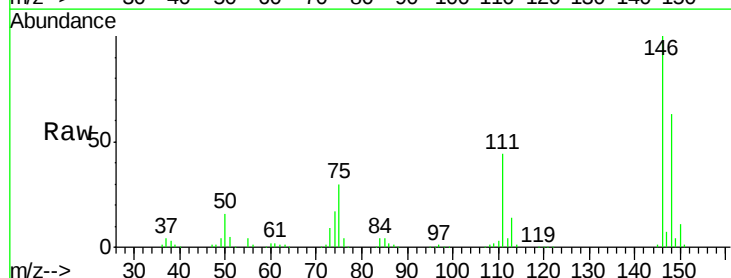


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

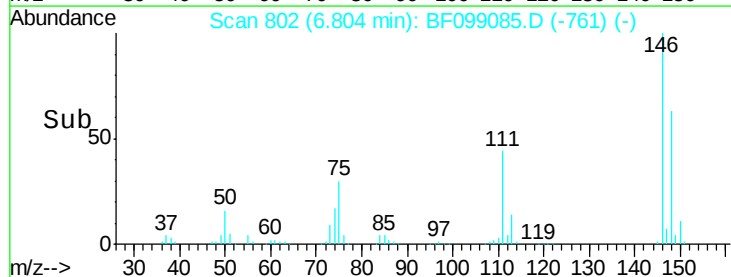
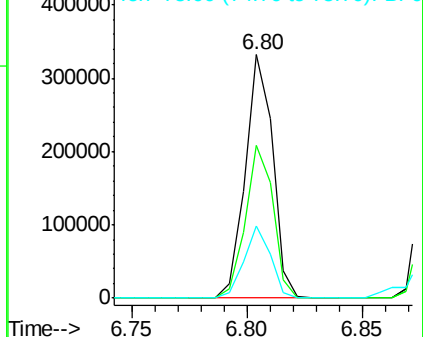


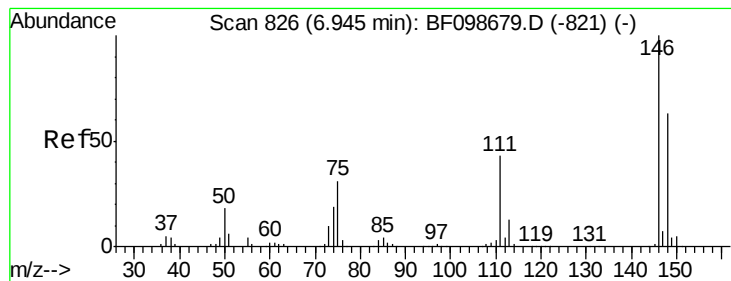
#12
1,3-Dichlorobenzene
Concen: 28.67 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.06 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Tgt Ion: 146 Resp: 276003
Ion Ratio Lower Upper
146 100
148 63.0 51.8 77.8
75 29.5 24.2 36.4



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





#13

1,4-Dichlorobenzene

Concen: 28.34 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

Instrument :

BNA_F

ClientSampleId :

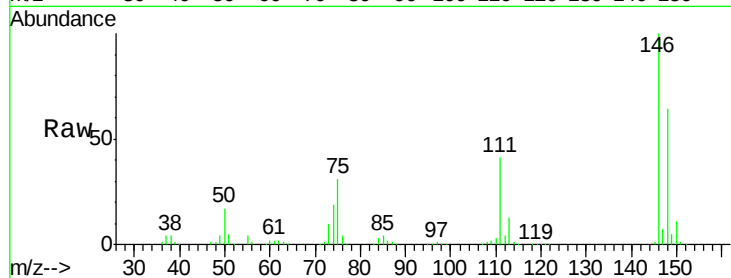
Tot Ion:146 Resp: 277558

Ion Ratio Lower Upper

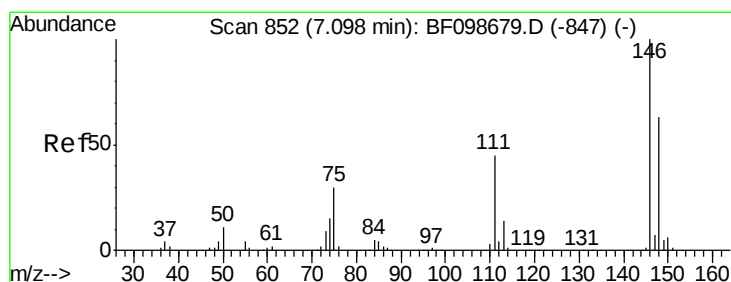
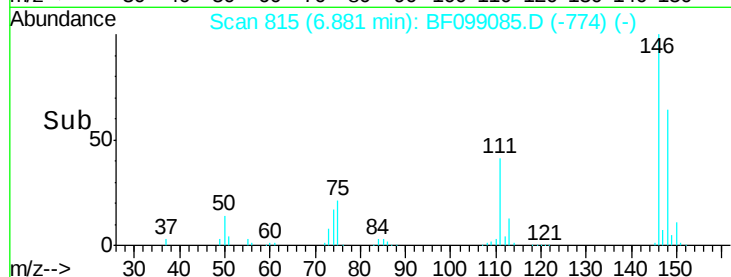
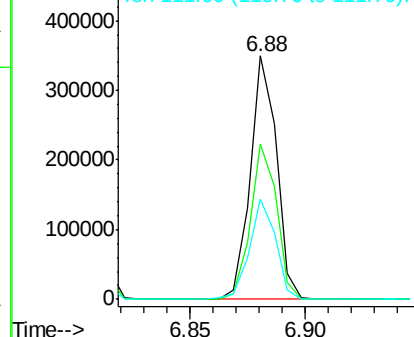
146 100

148 63.7 50.8 76.2

111 41.4 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 29.07 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

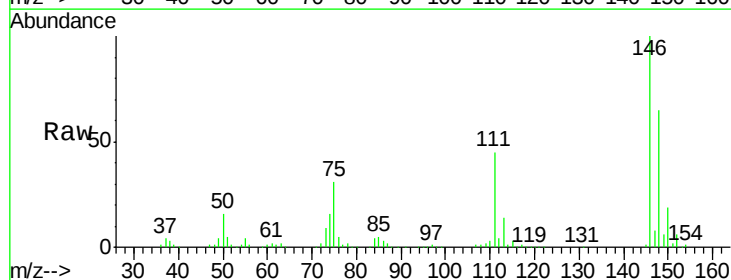
Tgt Ion:146 Resp: 263044

Ion Ratio Lower Upper

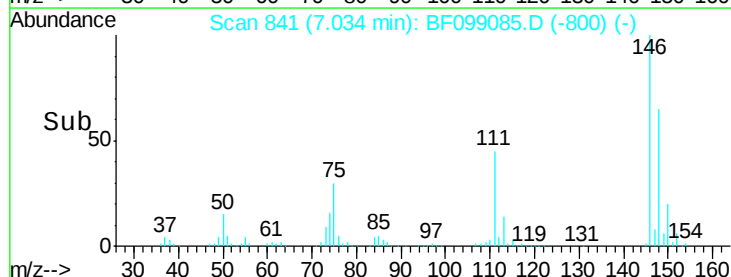
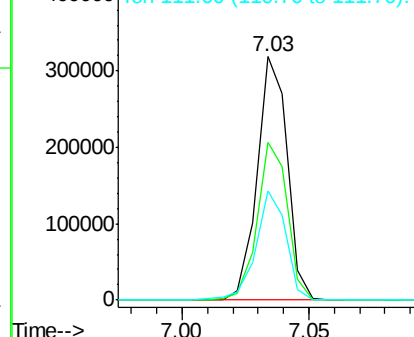
146 100

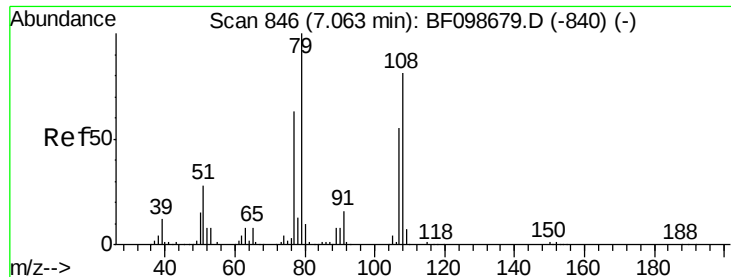
148 64.9 50.6 75.8

111 44.9 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 30.47 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

Instrument :

BNA_F

ClientSampleId :

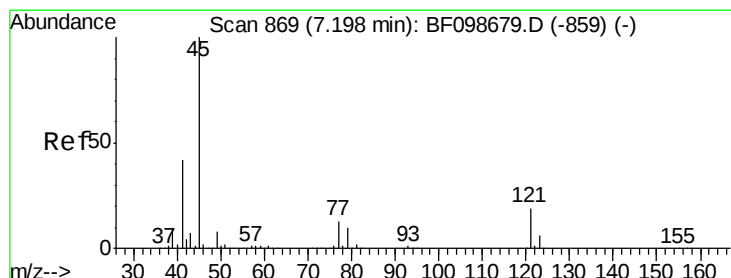
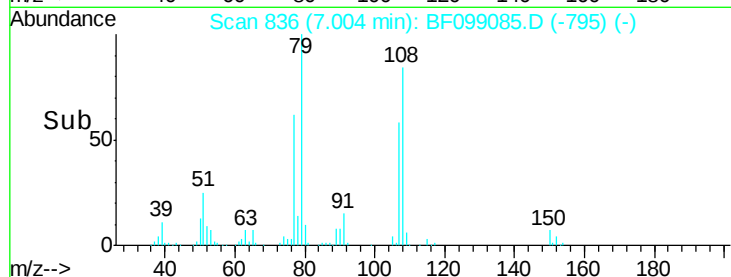
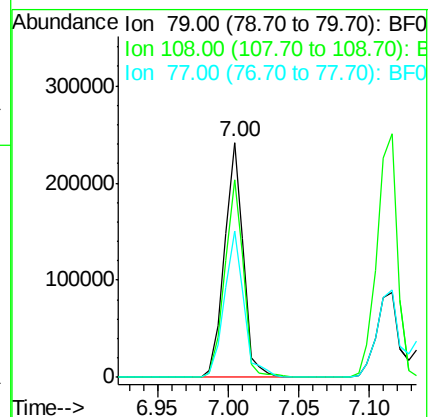
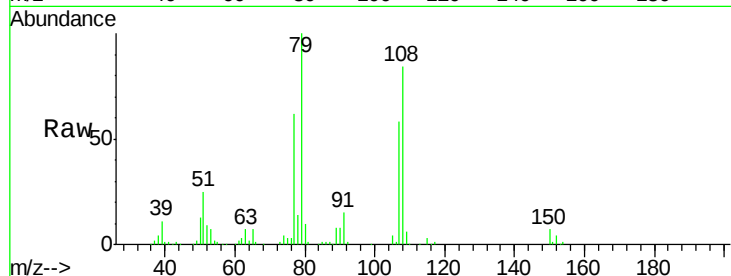
Tot Ion: 79 Resp: 223786

Ion Ratio Lower Upper

79 100

108 83.9 65.1 97.7

77 62.2 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.71 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.05 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

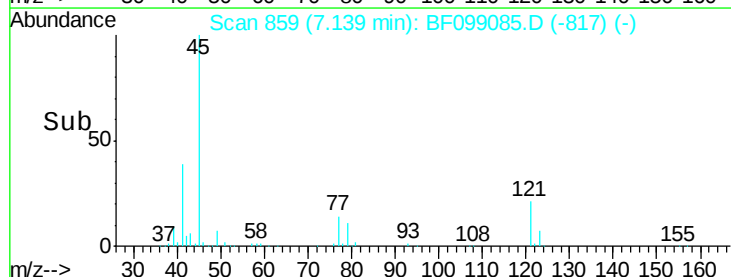
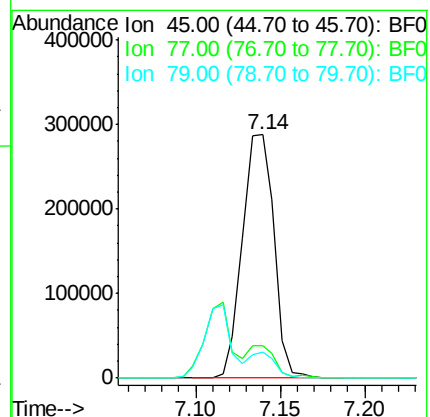
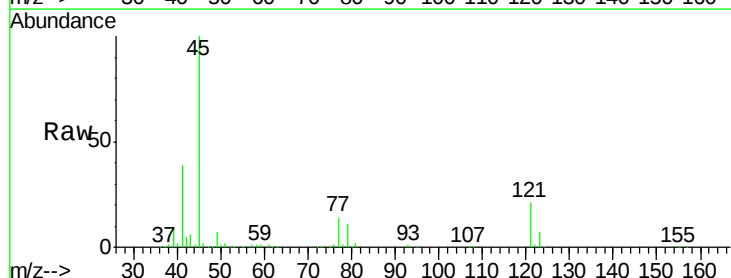
Tgt Ion: 45 Resp: 375805

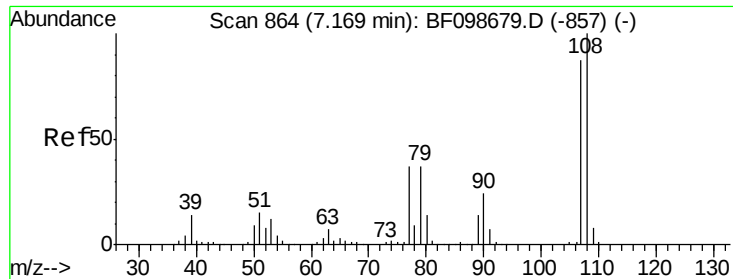
Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.9

79 10.6 0.0 29.6

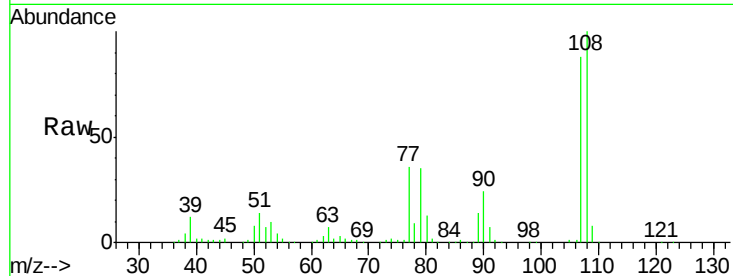




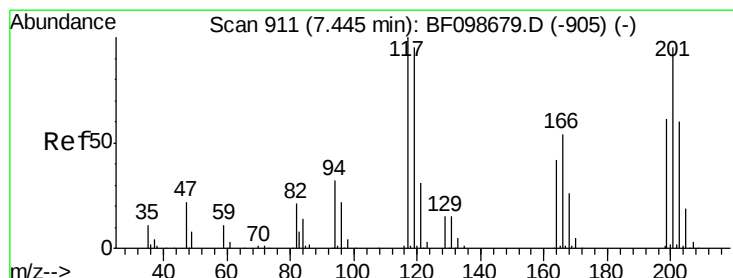
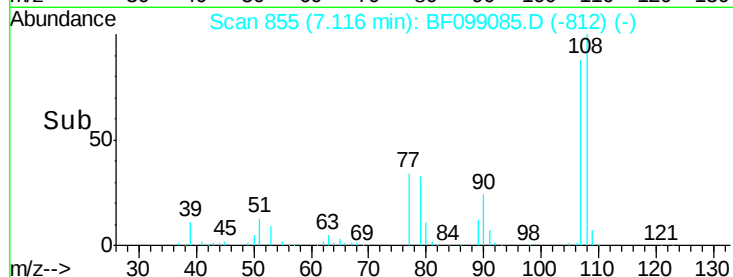
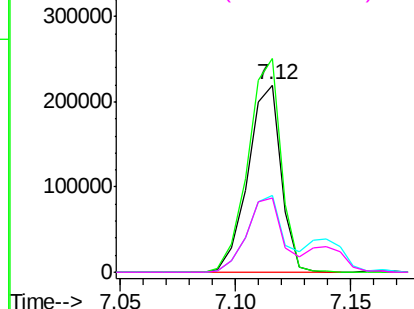
#17
2-Methylphenol
Concen: 29.43 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.05 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 221374
Ion Ratio Lower Upper
107 100
108 114.1 91.7 137.5
77 40.7 33.8 50.8
79 39.6 33.8 50.8

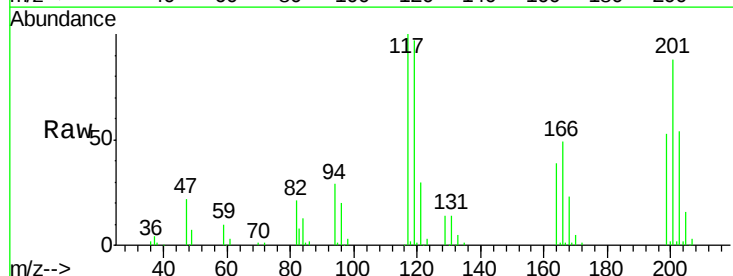


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

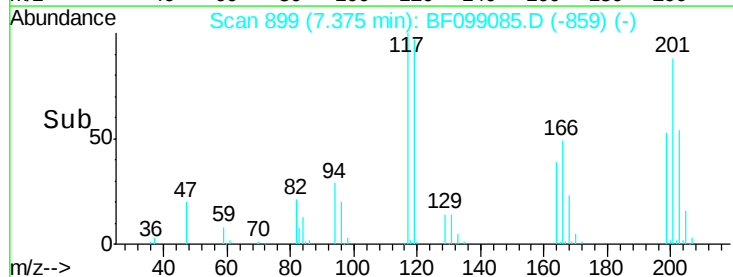
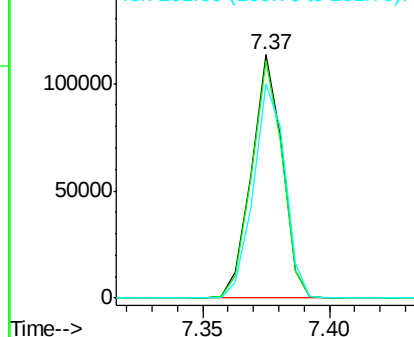


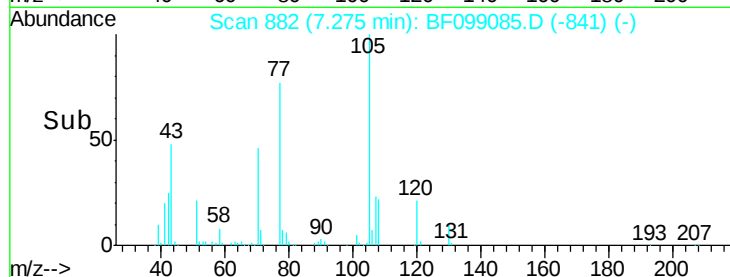
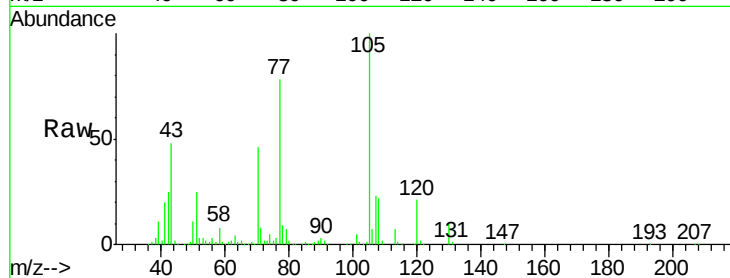
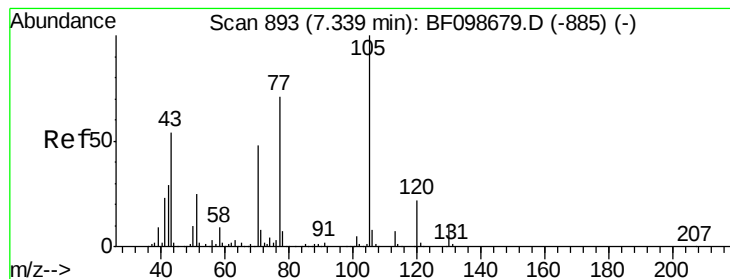
#18
Hexachloroethane
Concen: 27.25 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.06 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Tgt Ion:117 Resp: 95940
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.8
201 87.8 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: 27.23 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 174100

Ion Ratio Lower Upper

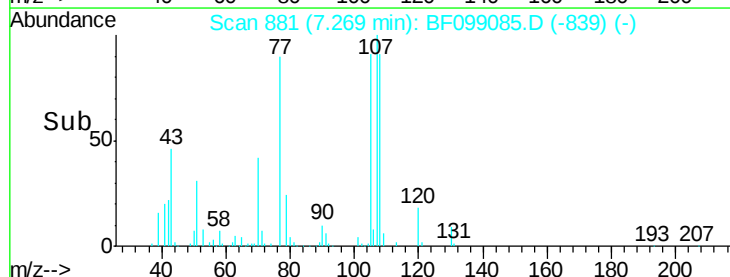
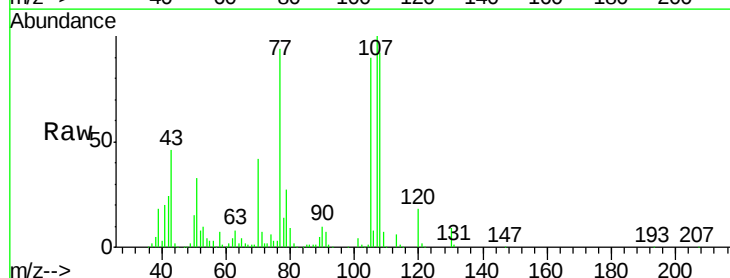
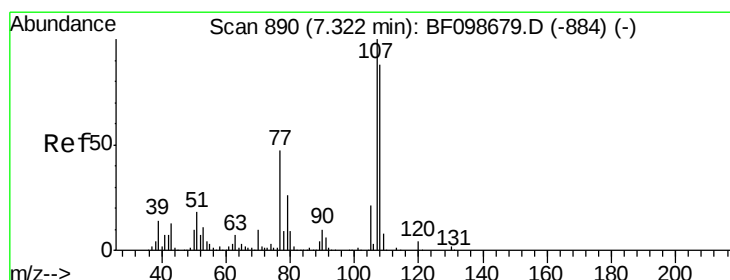
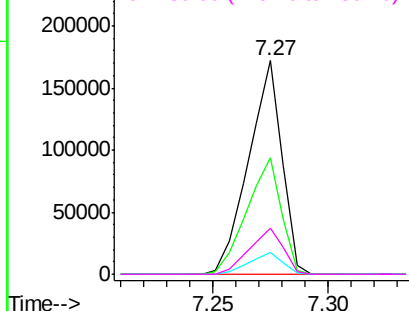
70 100

42 54.8 47.5 71.3

101 9.9 7.4 11.2

130 21.7 16.6 25.0

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 29.05 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.05 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

Tgt Ion: 107 Resp: 276438

Ion Ratio Lower Upper

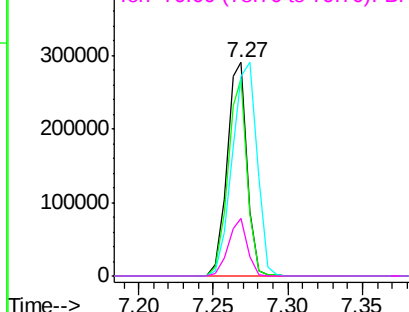
107 100

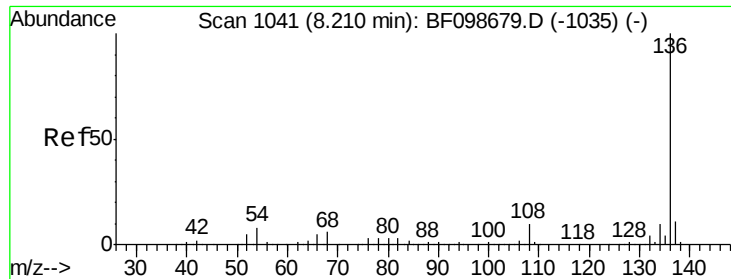
108 92.0 68.2 108.2

77 93.7 26.7 66.7#

79 27.2 6.3 46.3

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 540850

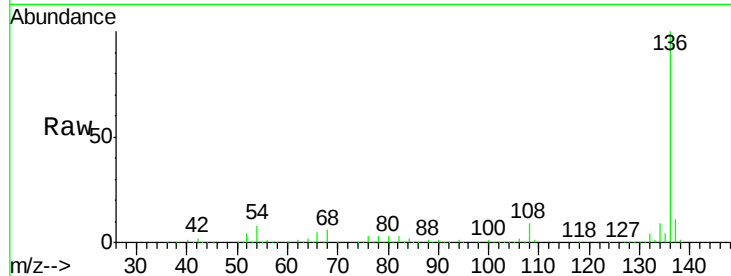
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.1 6.6 9.8

68 6.4 5.0 7.4

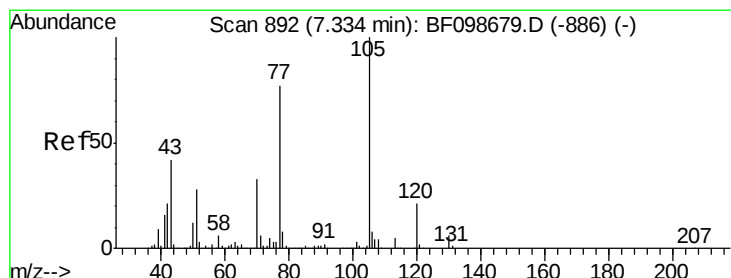
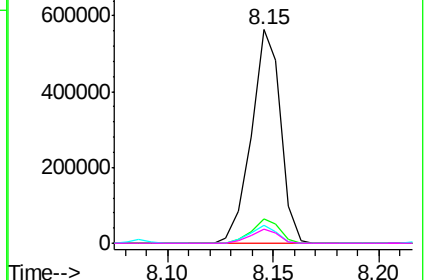
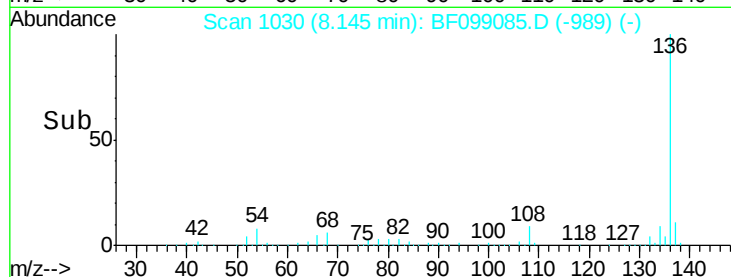


Abundance Ion 136.00 (135.70 to 136.70): E

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: 27.70 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

Tgt Ion:105 Resp: 363003

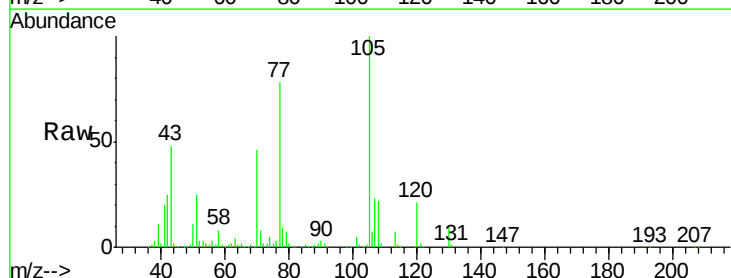
Ion Ratio Lower Upper

105 100

71 7.6 4.4 6.6#

51 25.5 22.3 33.5

120 21.3 16.9 25.3

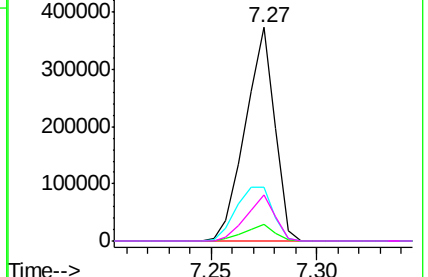
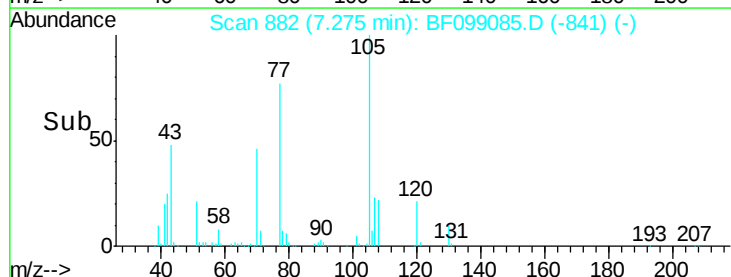


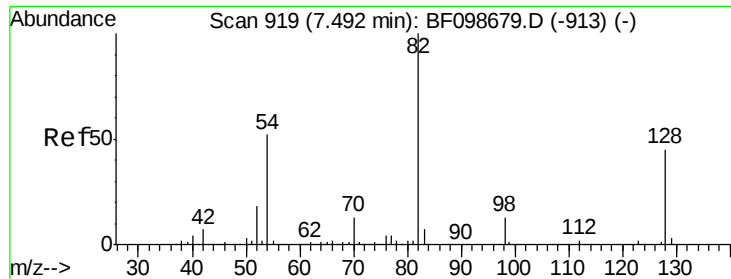
Abundance Ion 105.00 (104.70 to 105.70): E

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

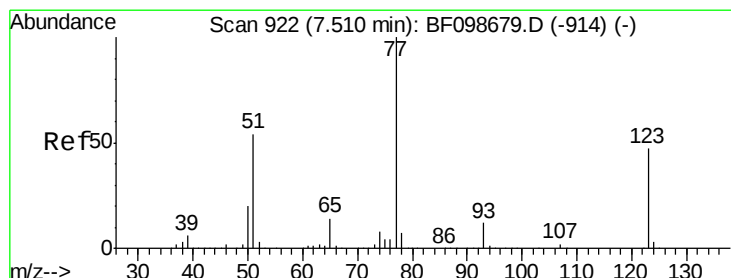
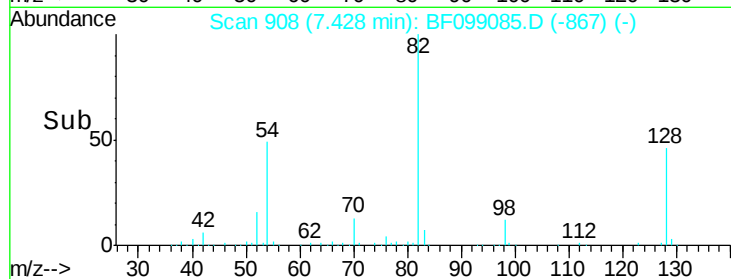
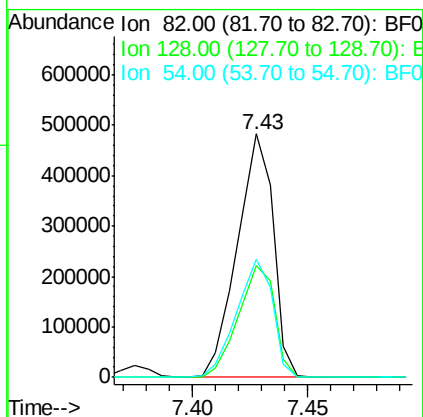
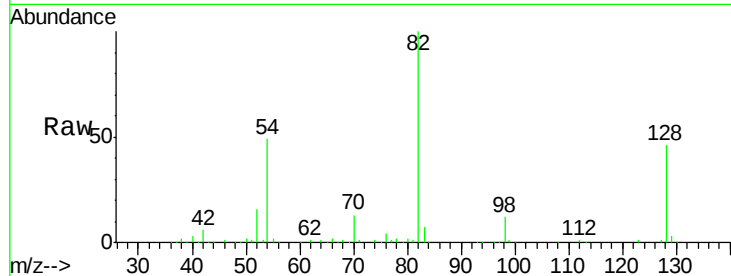




#23
 Nitrobenzene-d5
 Concen: 62.37 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.06 min
 Lab File: BF099085.D
 Acq: 4 Oct 2017 23:48

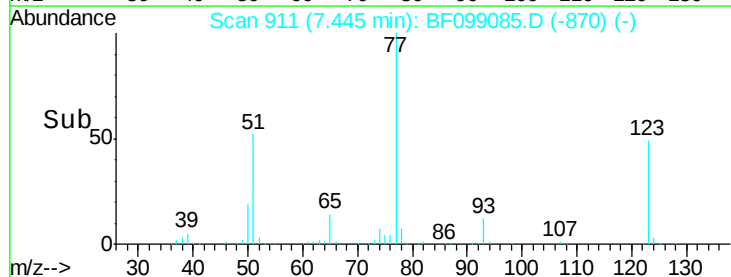
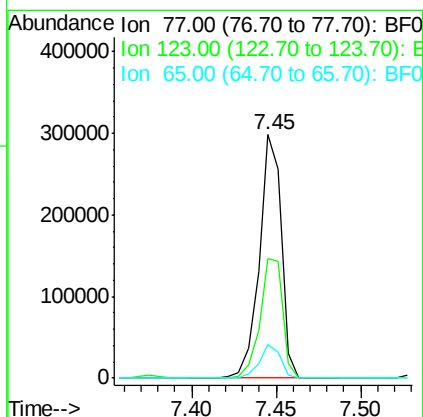
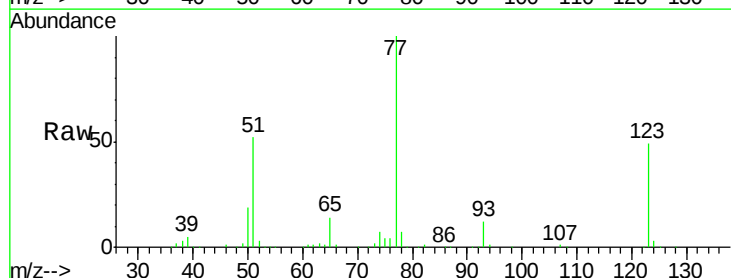
Instrument :
 BNA_F
 ClientSampleId :

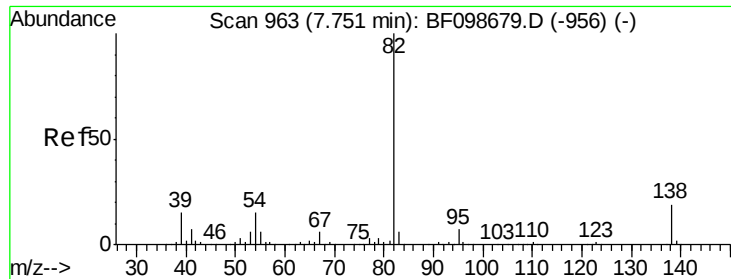
Tot Ion: 82 Resp: 526006
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.1 54.1
 54 48.5 41.4 62.2



#24
 Nitrobenzene
 Concen: 28.16 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.06 min
 Lab File: BF099085.D
 Acq: 4 Oct 2017 23:48

Tgt Ion: 77 Resp: 269361
 Ion Ratio Lower Upper
 77 100
 123 48.9 37.9 56.9
 65 13.7 11.0 16.4





#25

Isophorone

Concen: 28.44 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

Instrument :

BNA_F

ClientSampleId :

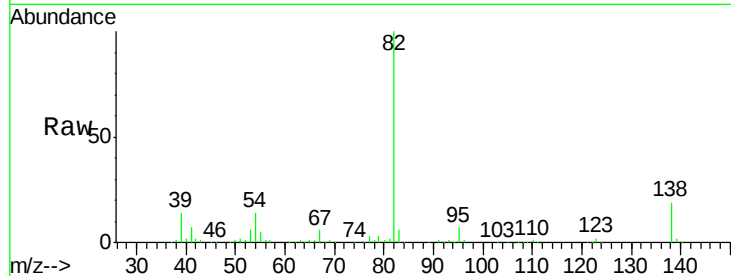
Tot Ion: 82 Resp: 495977

Ion Ratio Lower Upper

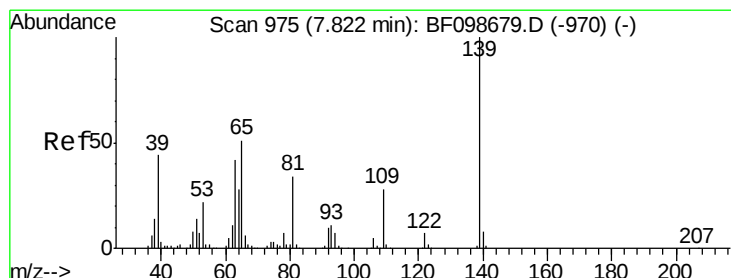
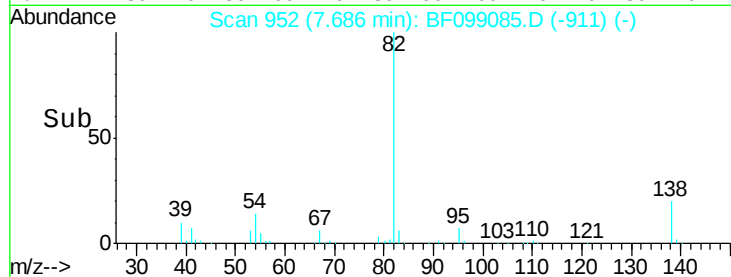
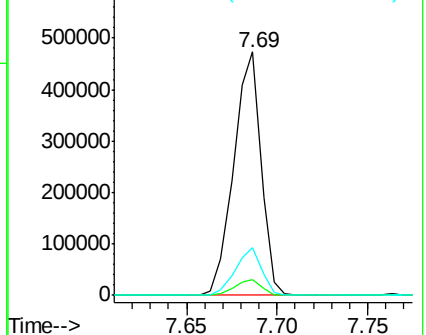
82 100

95 6.5 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: 31.27 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

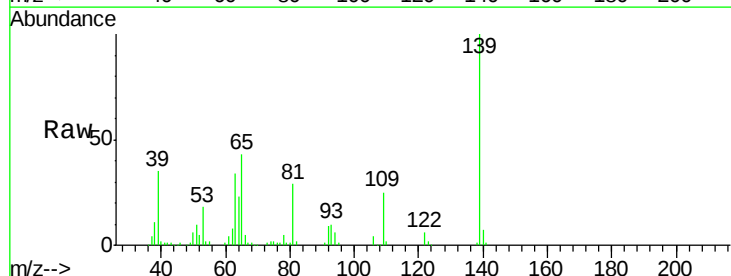
Tgt Ion: 139 Resp: 143847

Ion Ratio Lower Upper

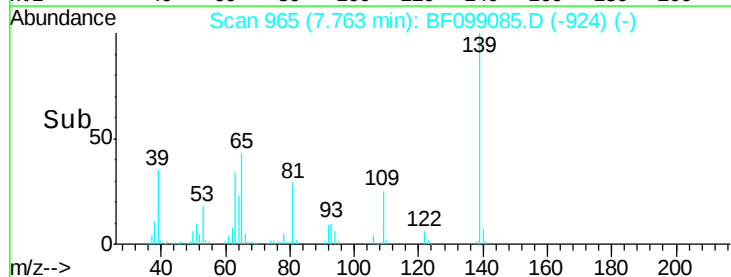
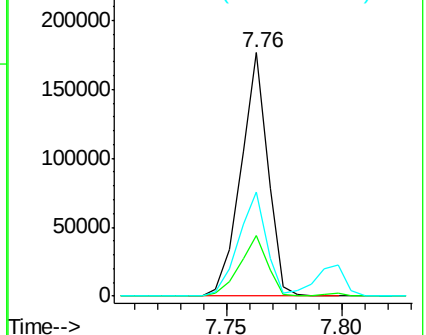
139 100

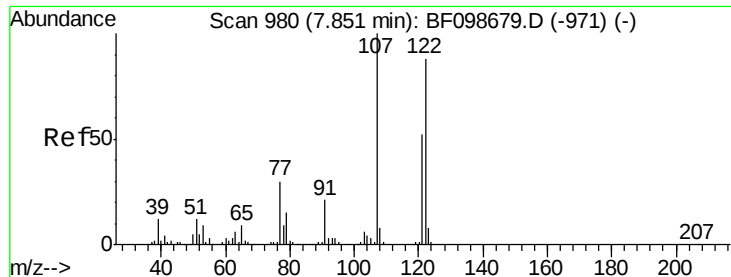
109 24.8 22.7 34.1

65 42.8 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: 28.10 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.05 min

Lab File: BF099085.D

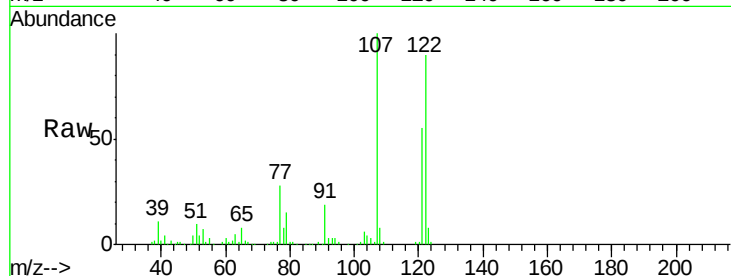
Acq: 4 Oct 2017 23:48

Instrument :

BNA_F

ClientSampleId :

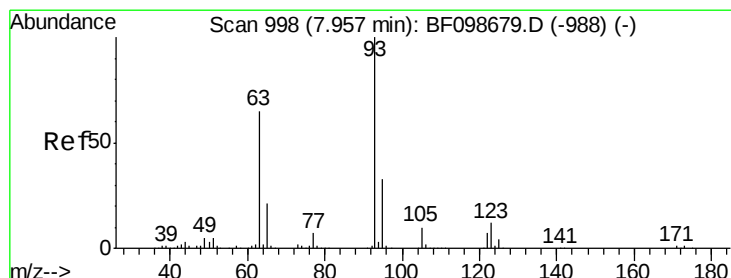
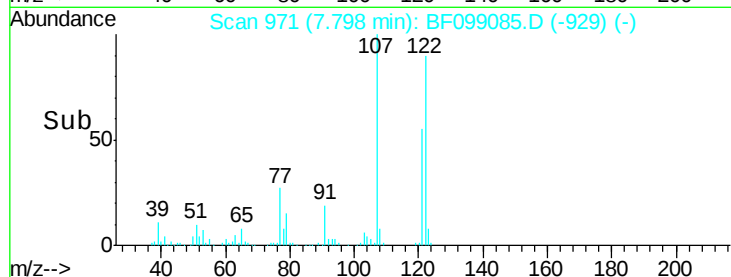
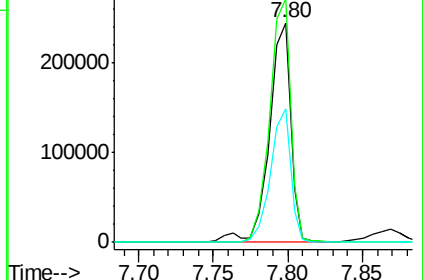
Tot Ion:	122	Resp:	244122
Ion	Ratio	Lower	Upper
122	100		
107	110.7	91.2	136.8
121	60.7	47.2	70.8



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: 29.10 ng

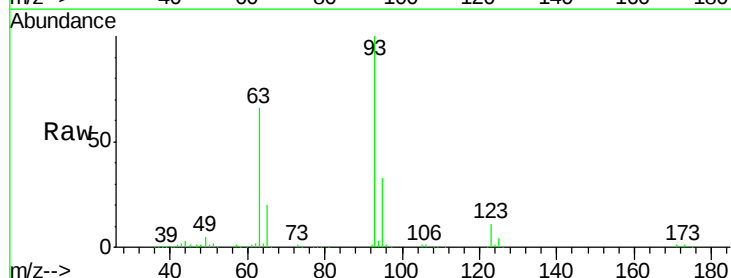
RT: 7.89 min Scan# 987

Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

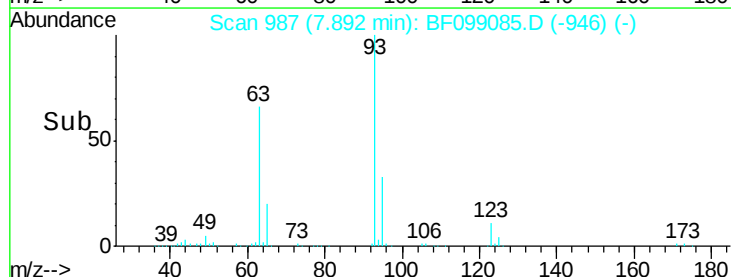
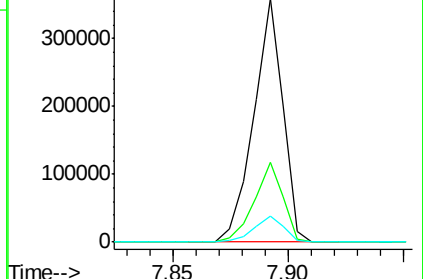
Tgt Ion:	93	Resp:	316226
Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	10.8	9.8	14.6

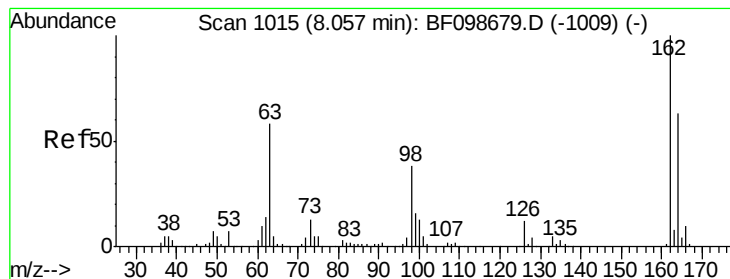


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

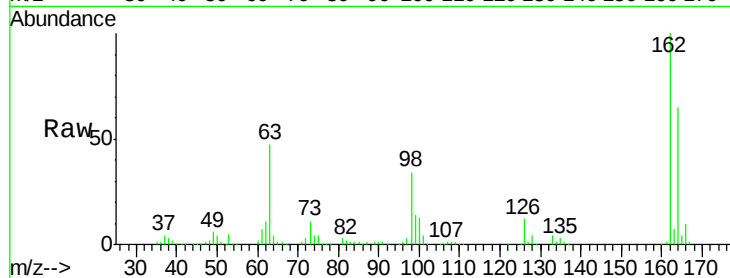




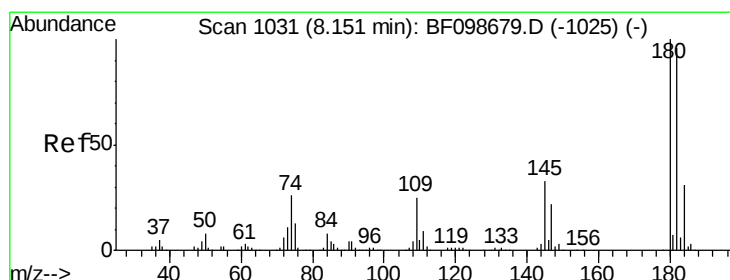
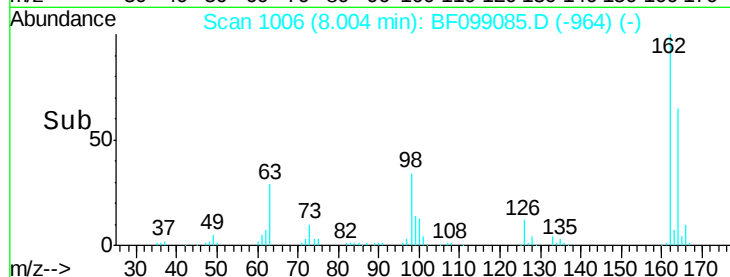
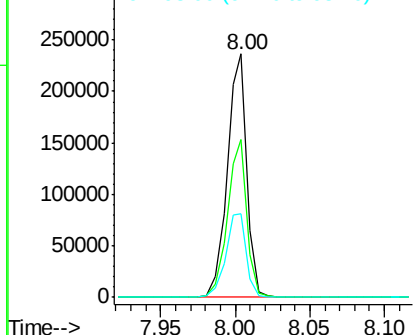
#29
 2,4-Dichlorophenol
 Concen: 29.43 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.05 min
 Lab File: BF099085.D
 Acq: 4 Oct 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 219539
 Ion Ratio Lower Upper
 162 100
 164 64.8 42.7 82.7
 98 34.1 18.1 58.1

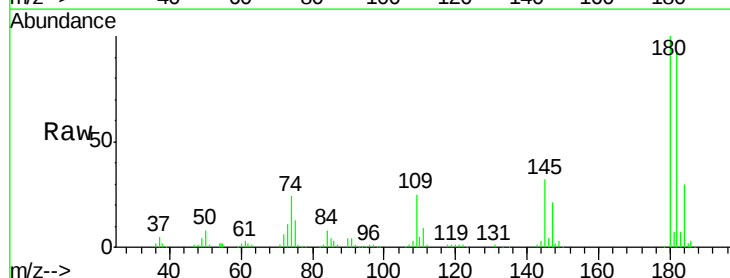


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

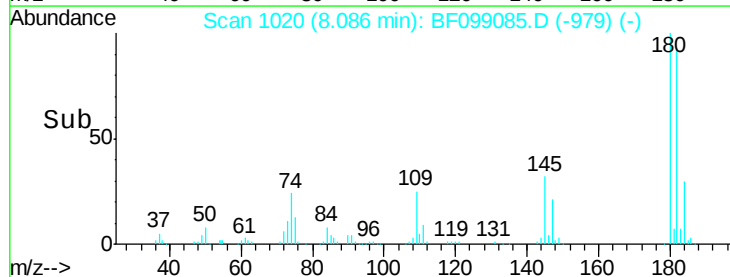
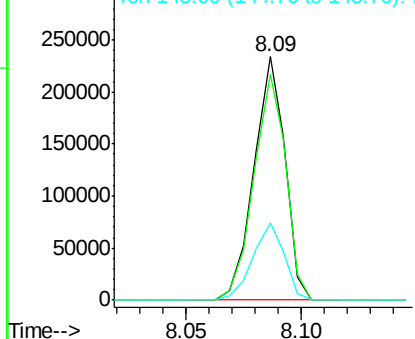


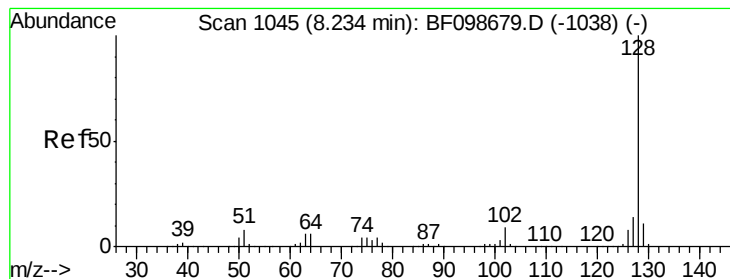
#30
 1,2,4-Trichlorobenzene
 Concen: 29.42 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.06 min
 Lab File: BF099085.D
 Acq: 4 Oct 2017 23:48

Tgt Ion:180 Resp: 219500
 Ion Ratio Lower Upper
 180 100
 182 92.9 76.8 115.2
 145 31.9 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: 29.73 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

Instrument :

BNA_F

ClientSampleId :

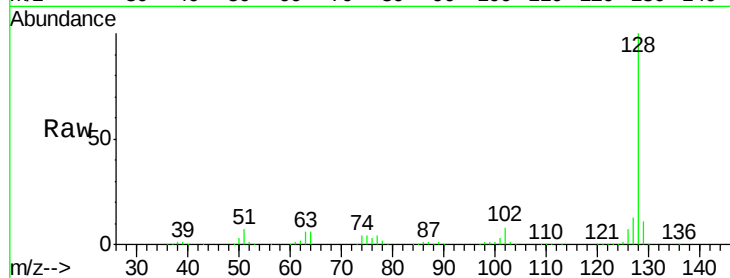
Tot Ion:128 Resp: 755119

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

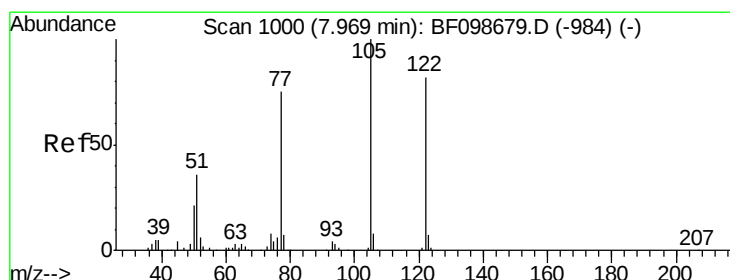
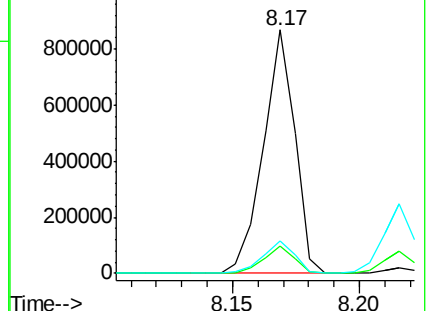
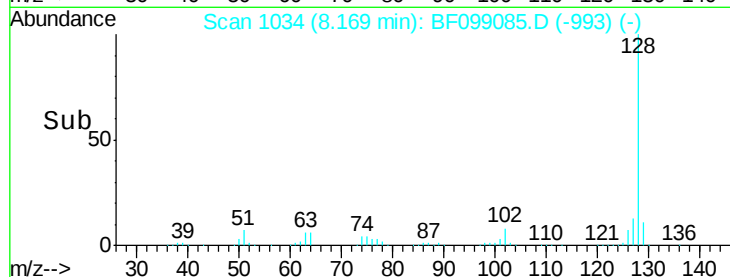
127 13.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.02 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.11 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

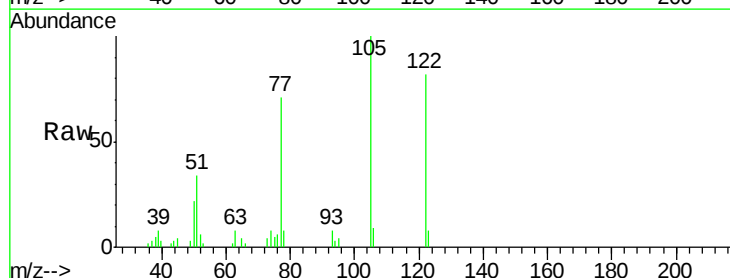
Tgt Ion:122 Resp: 21525

Ion Ratio Lower Upper

122 100

105 121.8 101.1 141.1

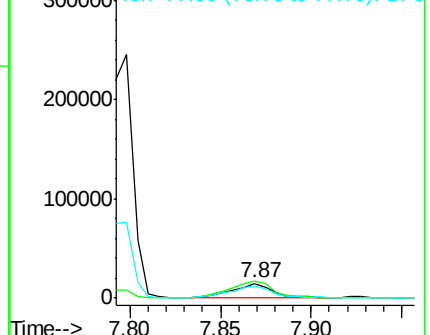
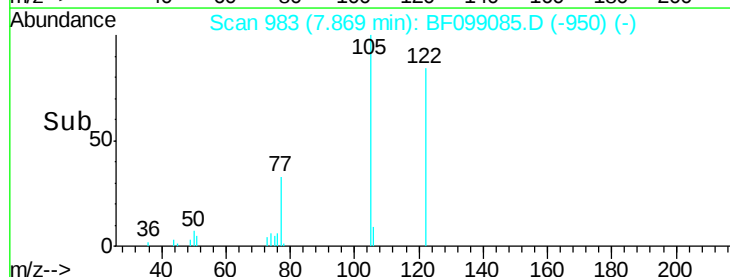
77 86.6 70.7 110.7

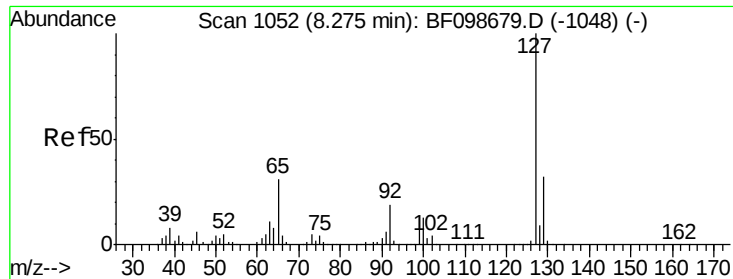


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

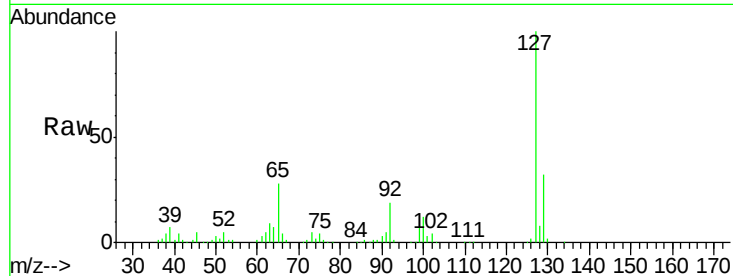




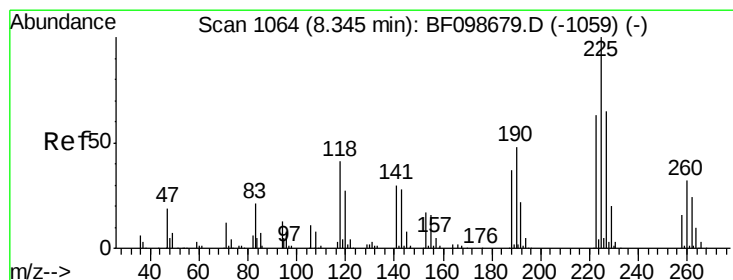
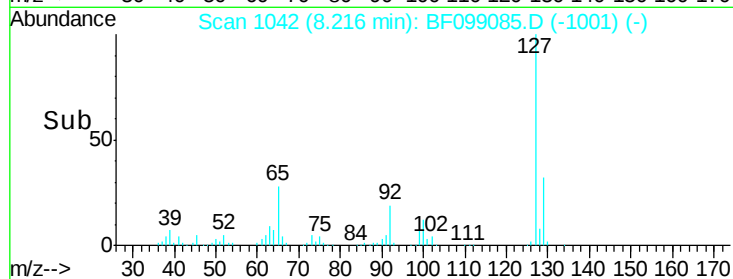
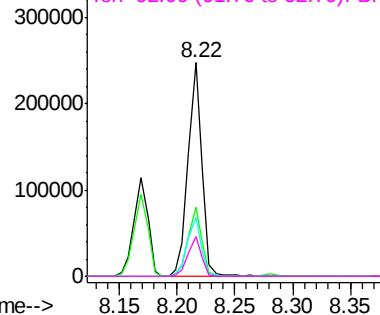
#33
4-Chloroaniline
Concen: 19.38 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.06 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	205609
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	27.9	25.0	37.4
92	18.6	15.2	22.8

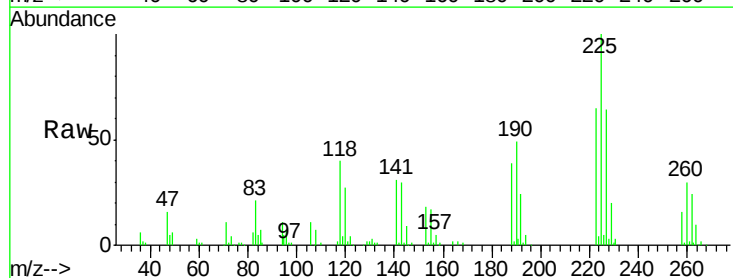


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

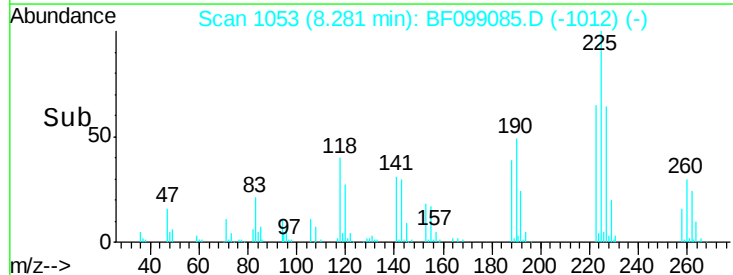
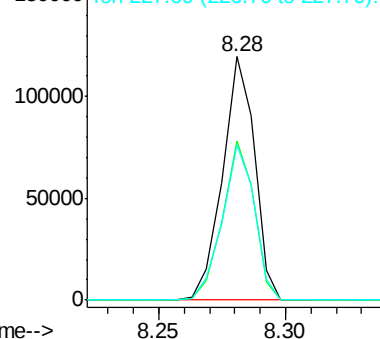


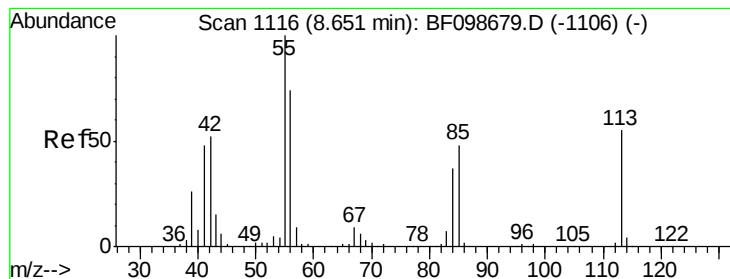
#34
Hexachlorobutadiene
Concen: 27.50 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.06 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Tgt Ion:	225	Resp:	105674
Ion	Ratio	Lower	Upper
225	100		
223	65.4	50.6	76.0
227	63.9	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: 9.71 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.08 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

Instrument :

BNA_F

ClientSampled :

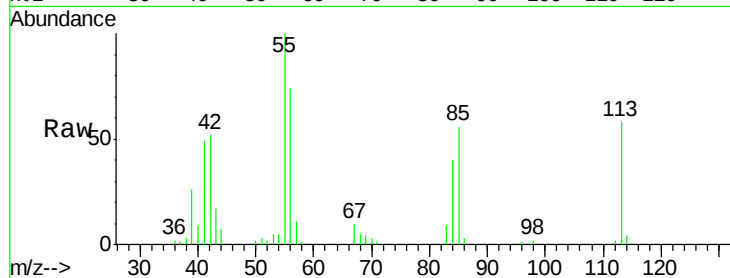
Tot Ion:113 Resp: 23237

Ion Ratio Lower Upper

113 100

55 171.8 163.3 203.3

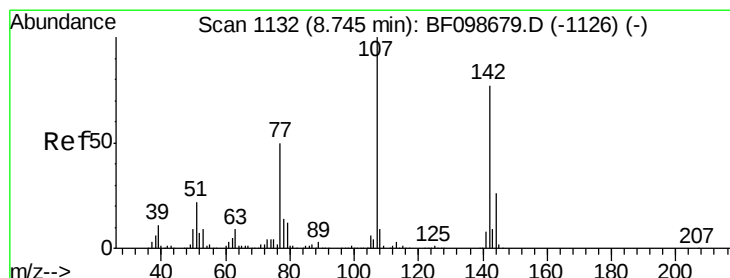
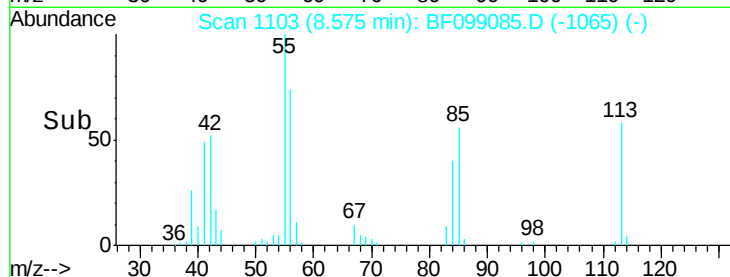
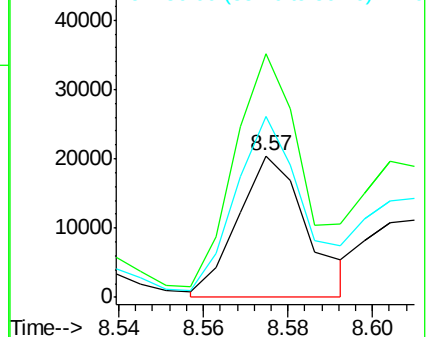
56 127.9 115.7 155.7



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: 27.78 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.05 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

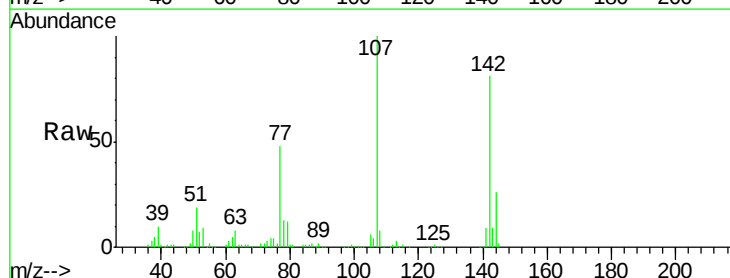
Tgt Ion:107 Resp: 232948

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

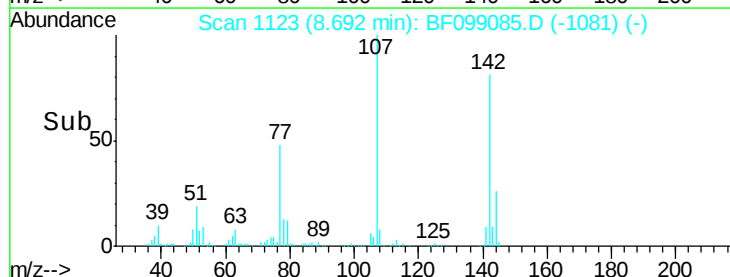
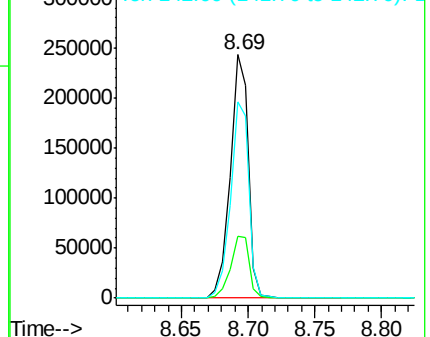
142 80.7 62.0 93.0

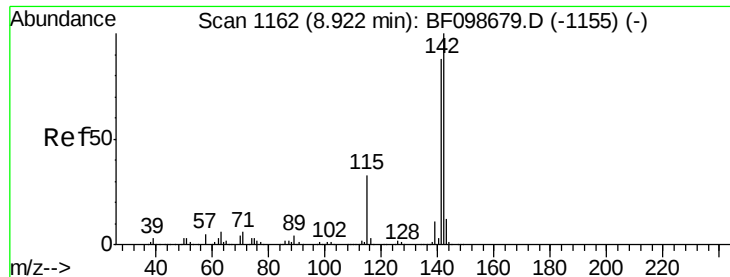


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

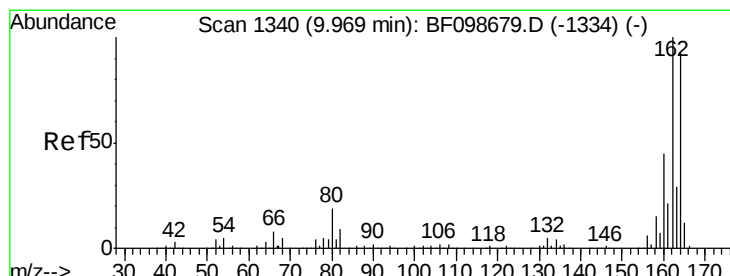
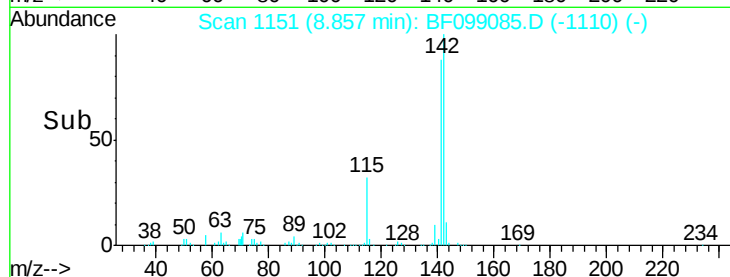
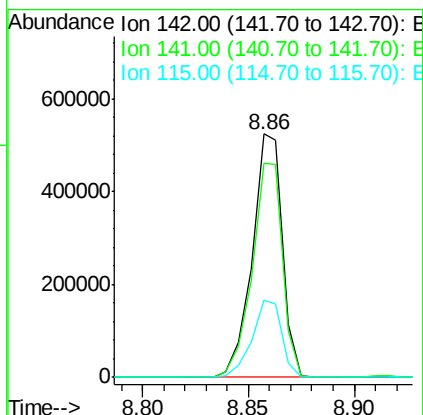
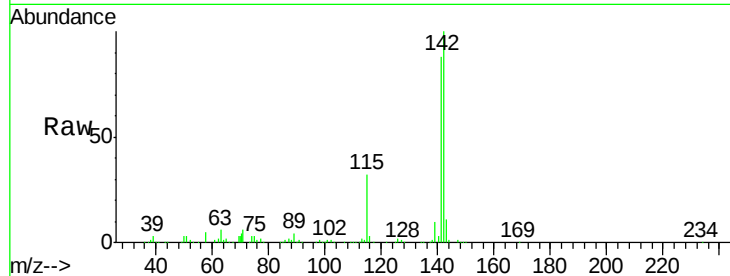




#37
2-Methylnaphthalene
Concen: 31.52 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.06 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

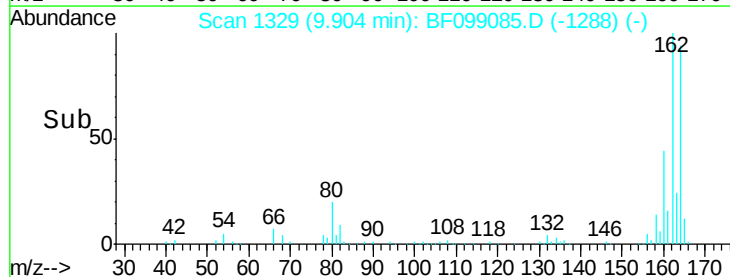
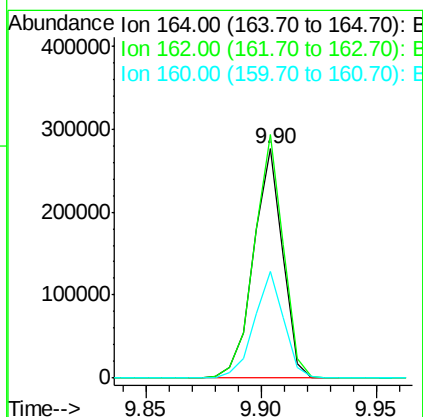
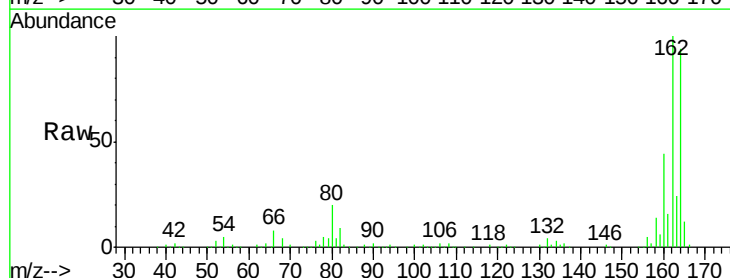
Instrument :
BNA_F
ClientSampleId :

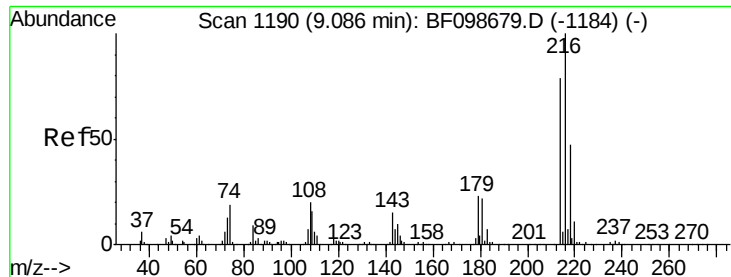
Tot Ion:142 Resp: 520472
Ion Ratio Lower Upper
142 100
141 87.9 70.8 106.2
115 31.5 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.06 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Tgt Ion:164 Resp: 243801
Ion Ratio Lower Upper
164 100
162 106.2 86.1 129.1
160 46.4 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.37 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.05 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 199003

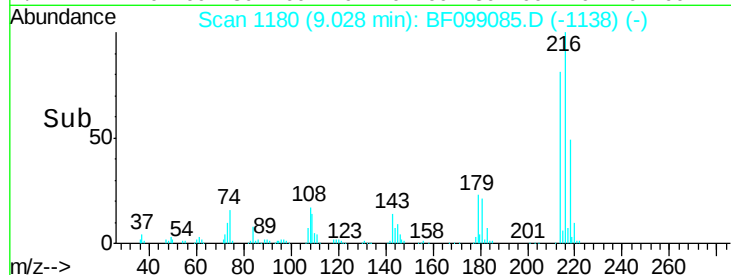
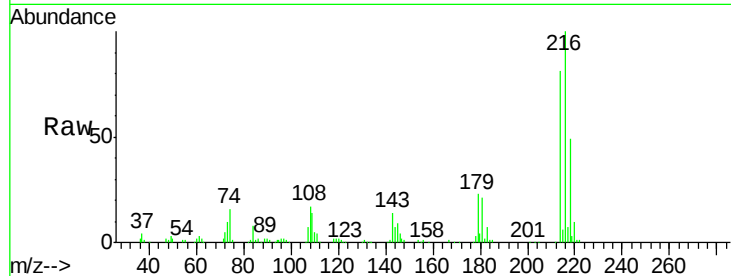
Ion Ratio Lower Upper

216 100

214 80.4 63.0 94.4

179 23.0 18.1 27.1

108 21.6 17.2 25.8

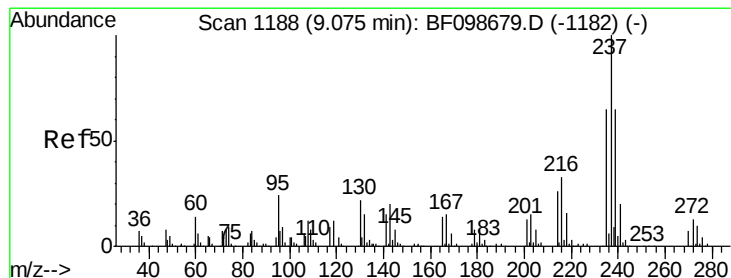
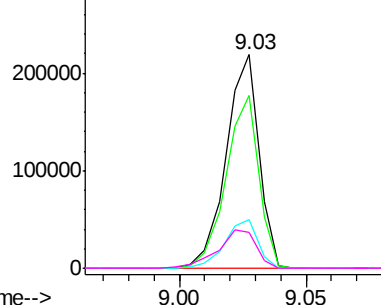


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 35.30 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

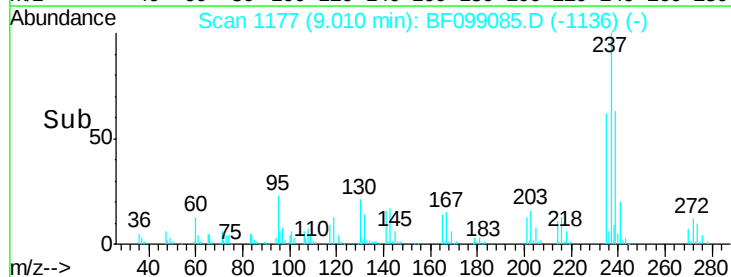
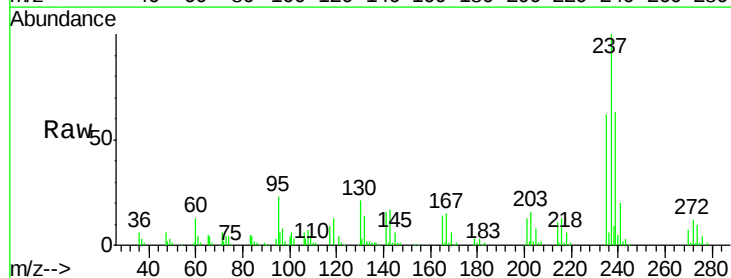
Tgt Ion:237 Resp: 117278

Ion Ratio Lower Upper

237 100

235 62.4 44.8 84.8

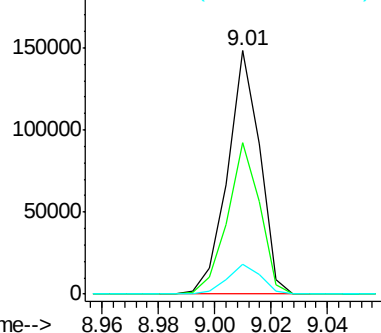
272 12.3 0.0 33.3

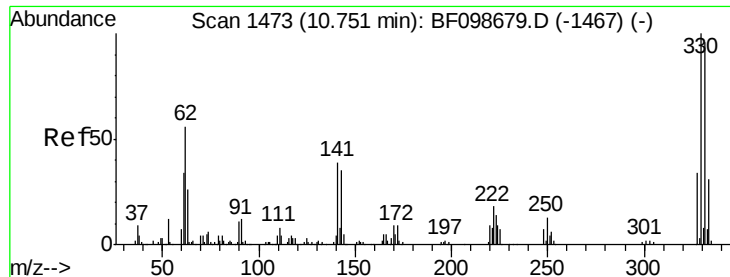


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

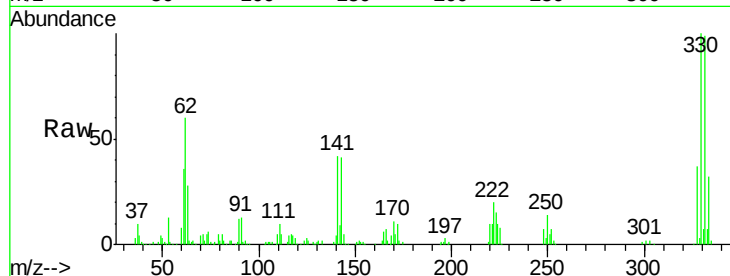




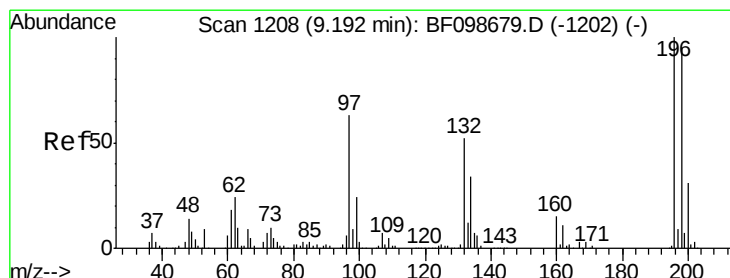
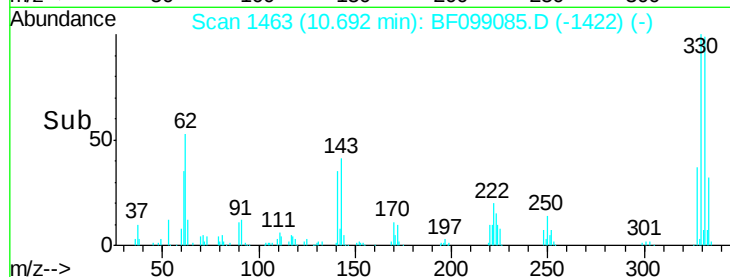
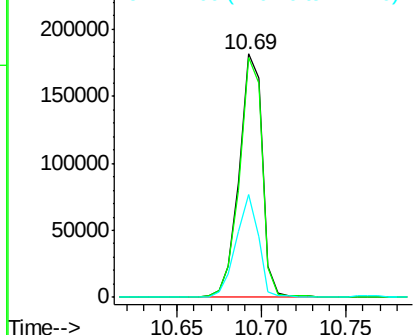
#41
 2,4,6-Tribromophenol
 Concen: 86.82 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.06 min
 Lab File: BF099085.D
 Acq: 4 Oct 2017 23:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 173192
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 41.1 29.9 44.9

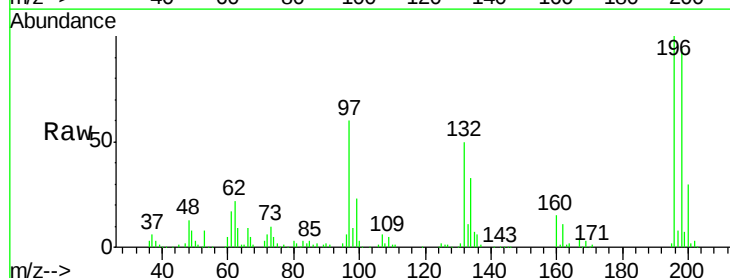


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

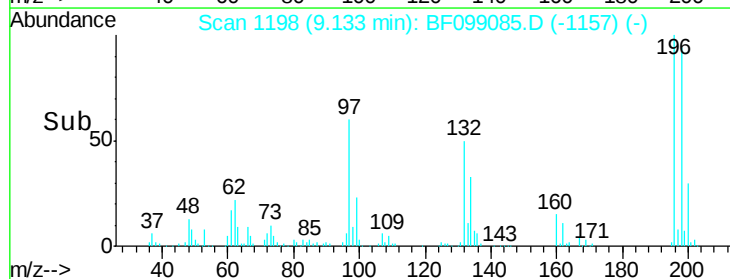
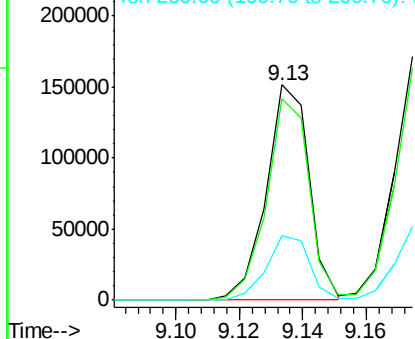


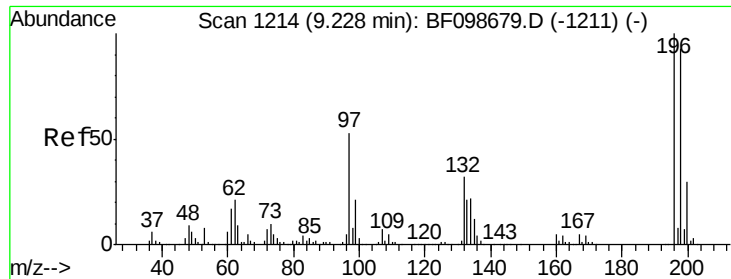
#42
 2,4,6-Trichlorophenol
 Concen: 27.60 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.06 min
 Lab File: BF099085.D
 Acq: 4 Oct 2017 23:48

Tgt Ion:196 Resp: 142160
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.7 113.5
 200 29.9 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

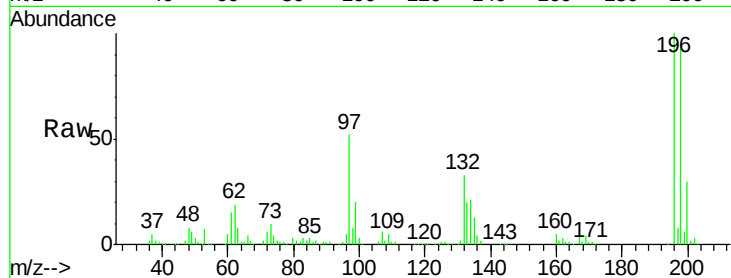




#43
 2,4,5-Trichlorophenol
 Concen: 28.82 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.05 min
 Lab File: BF099085.D
 Acq: 4 Oct 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	148206
Ion Ratio	Lower	Upper	
196	100		
198	95.3	74.6	112.0
97	51.5	42.9	64.3
132	32.5	26.3	39.5



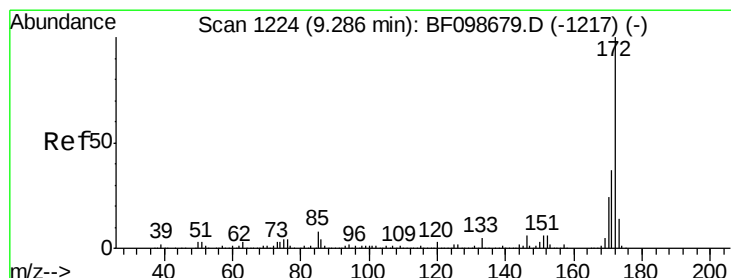
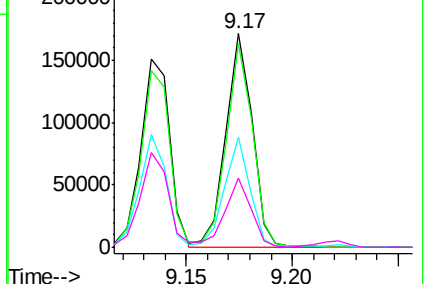
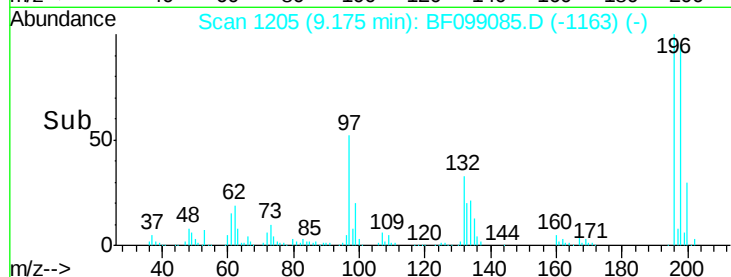
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

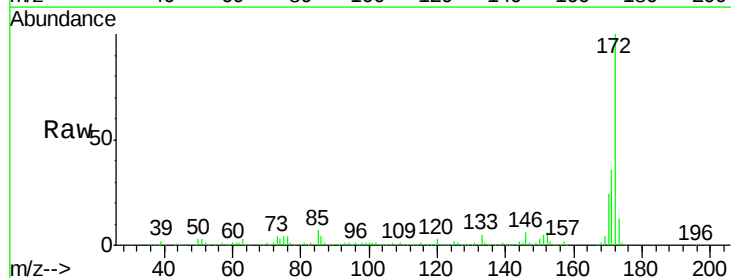
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 64.34 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.06 min
 Lab File: BF099085.D
 Acq: 4 Oct 2017 23:48

Tgt Ion	172	Resp	939620
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.7	44.5
170	23.9	19.6	29.4

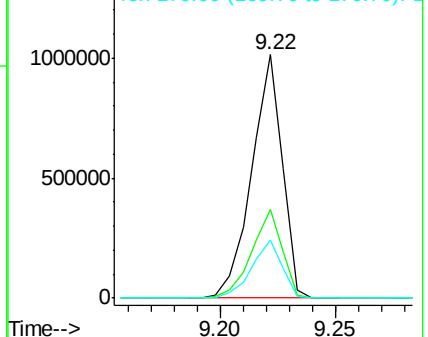
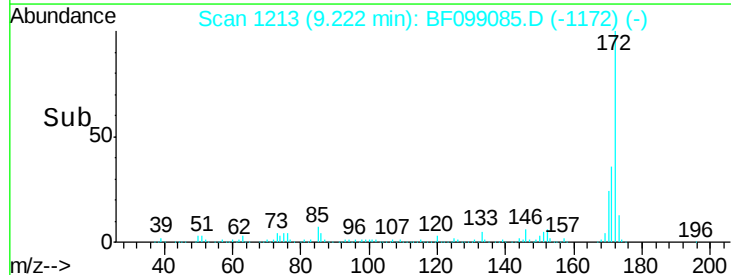


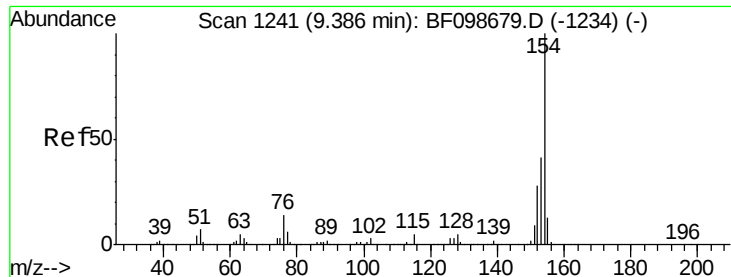
Abundance

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

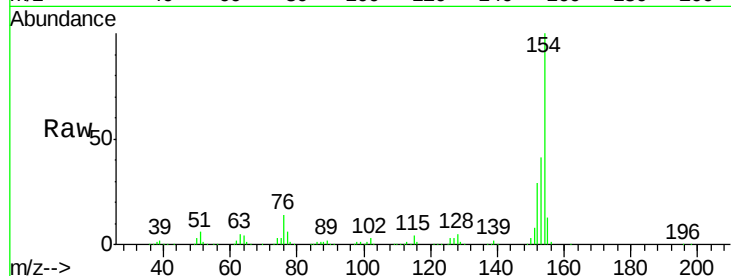




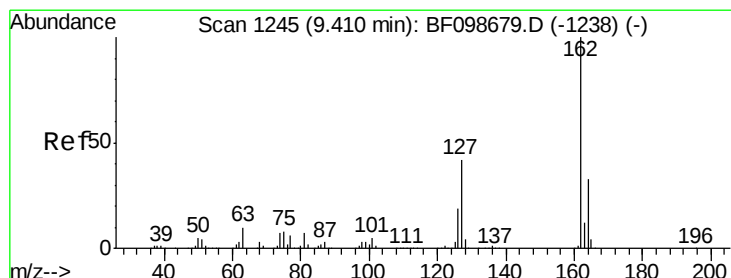
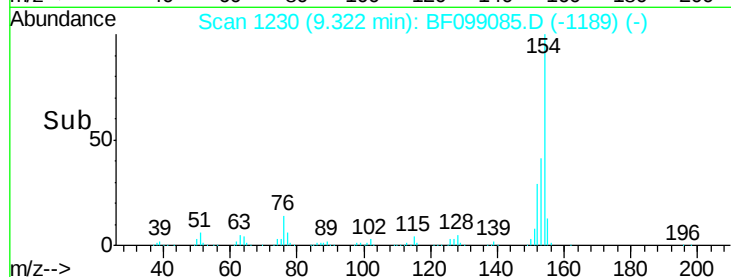
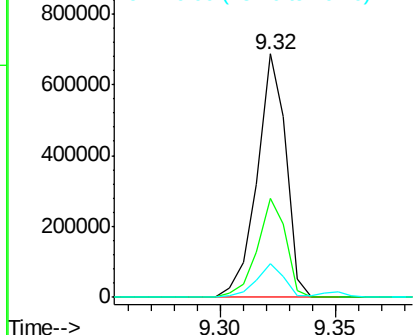
#45
 1,1'-Biphenyl
 Concen: 28.52 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.06 min
 Lab File: BF099085.D
 Acq: 4 Oct 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 597573
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.3 61.3
 76 14.0 0.0 34.0

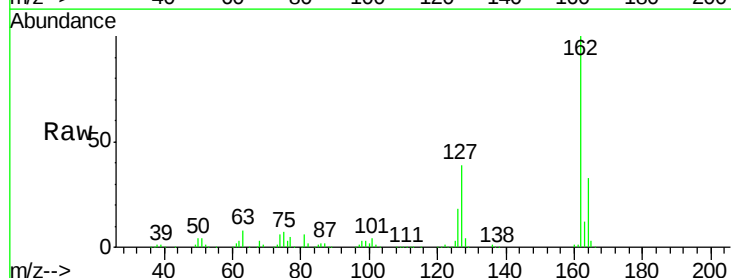


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

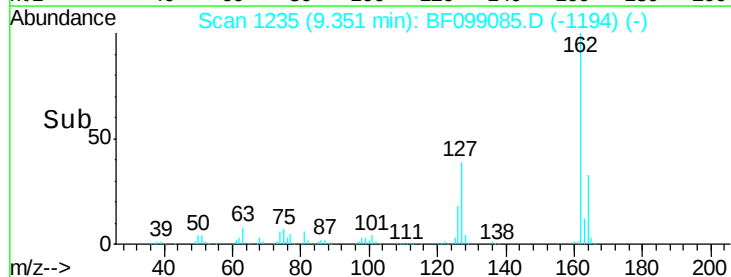
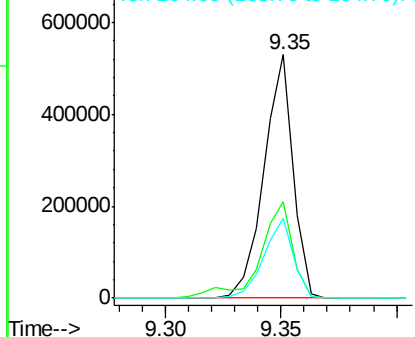


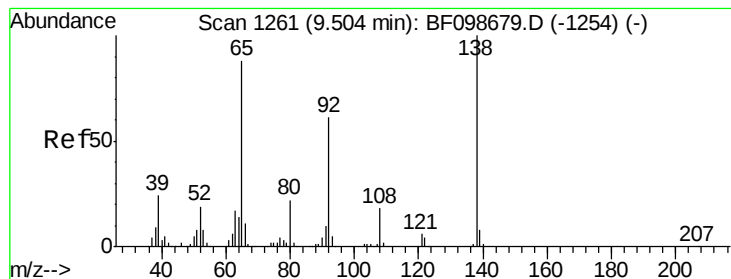
#46
 2-Chloronaphthalene
 Concen: 29.52 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.06 min
 Lab File: BF099085.D
 Acq: 4 Oct 2017 23:48

Tgt Ion:162 Resp: 464422
 Ion Ratio Lower Upper
 162 100
 127 39.4 33.9 50.9
 164 32.6 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: 29.59 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.05 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

Instrument :

BNA_F

ClientSampled :

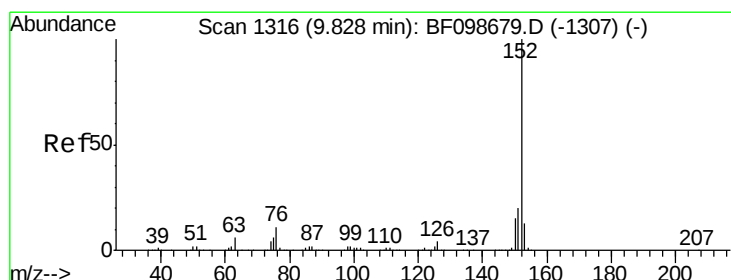
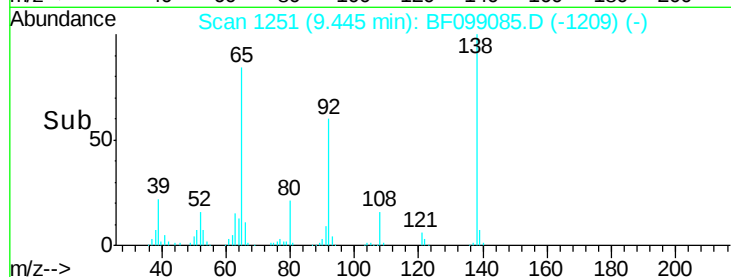
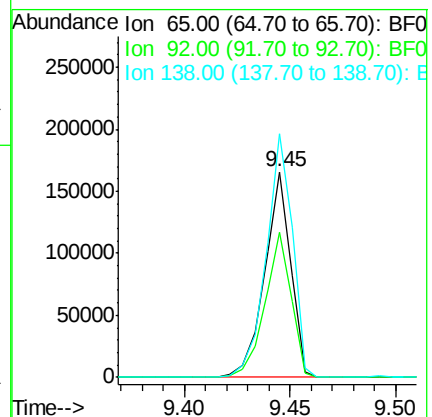
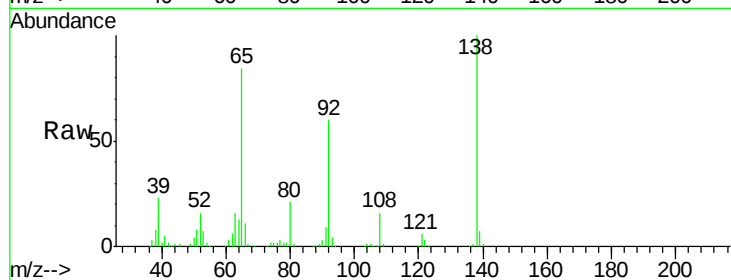
Tot Ion: 65 Resp: 142540

Ion Ratio Lower Upper

65 100

92 70.4 55.8 83.6

138 118.4 91.2 136.8



#48

Acenaphthylene

Concen: 29.68 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

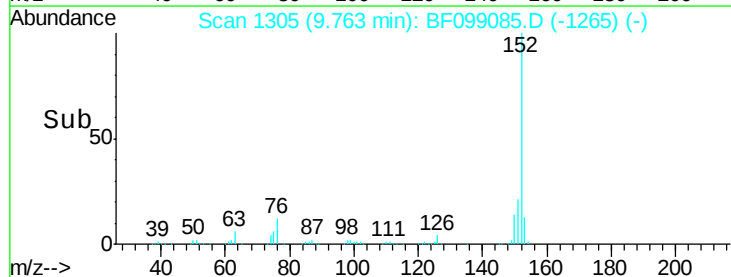
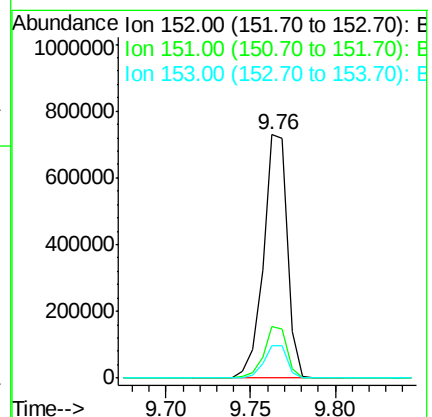
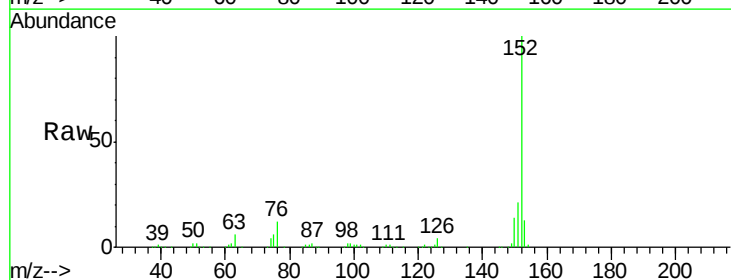
Tgt Ion: 152 Resp: 714899

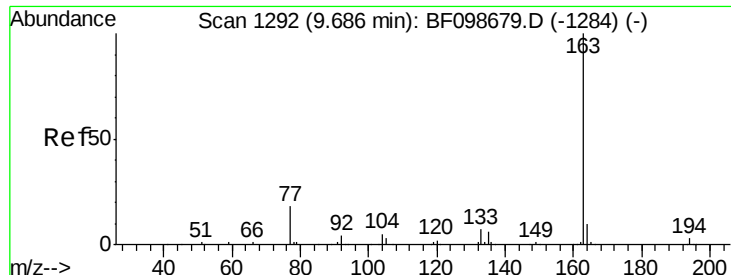
Ion Ratio Lower Upper

152 100

151 21.2 16.3 24.5

153 13.5 10.7 16.1

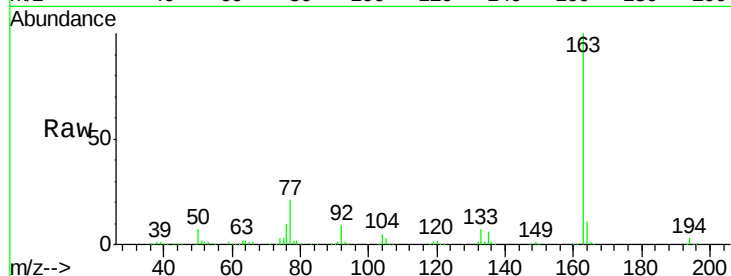




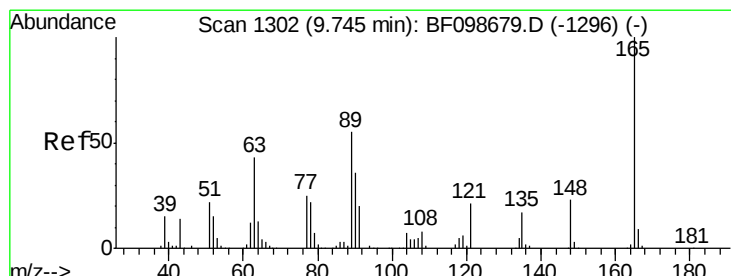
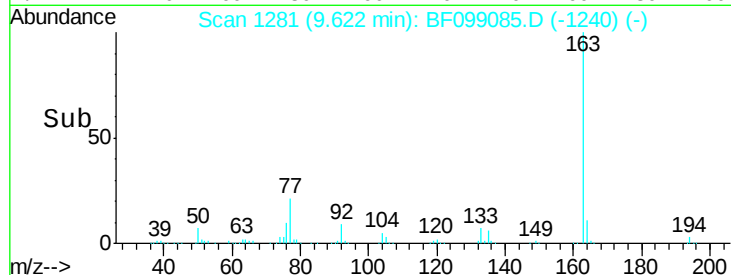
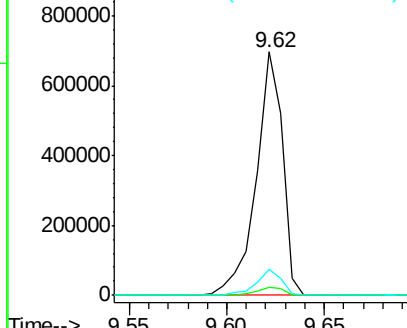
#49
 Dimethylphthalate
 Concen: 35.37 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.06 min
 Lab File: BF099085.D
 Acq: 4 Oct 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163 Resp: 650831
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.7 4.1
 164 10.5 8.2 12.2

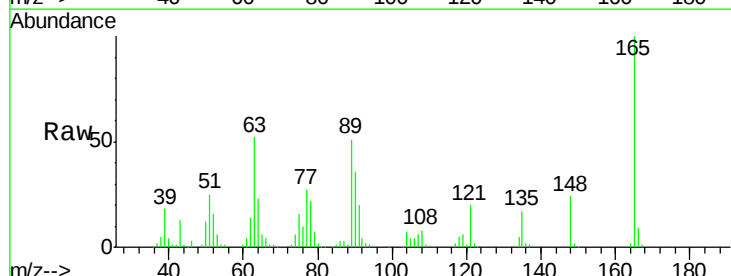


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

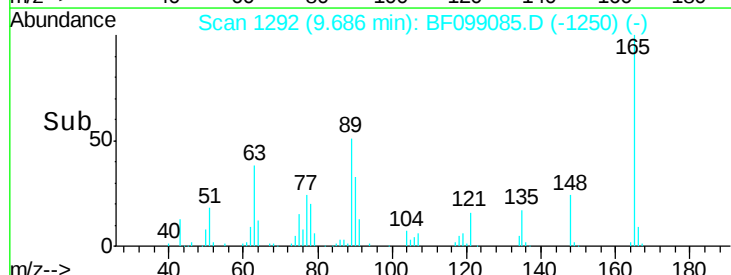
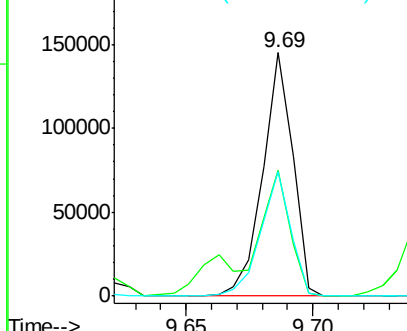


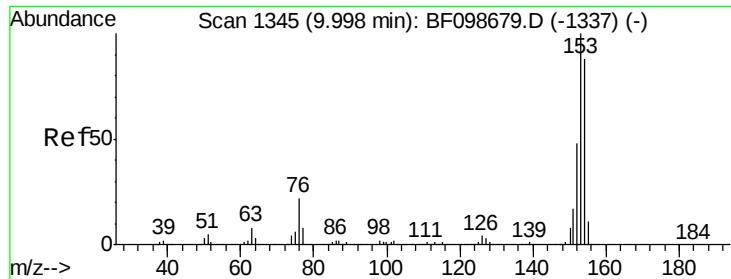
#50
 2,6-Dinitrotoluene
 Concen: 29.89 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.05 min
 Lab File: BF099085.D
 Acq: 4 Oct 2017 23:48

Tgt Ion:165 Resp: 119744
 Ion Ratio Lower Upper
 165 100
 63 51.8 44.7 67.1
 89 51.1 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: 27.77 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

Instrument :

BNA_F

ClientSampleId :

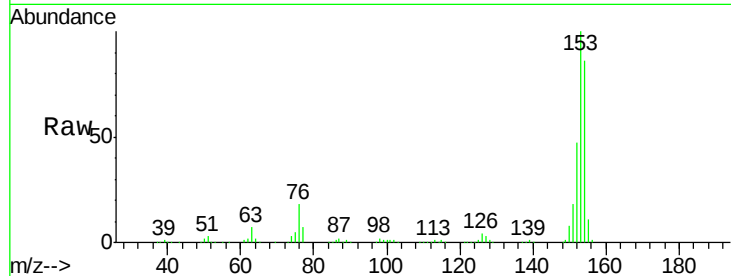
Tot Ion:154 Resp: 423688

Ion Ratio Lower Upper

154 100

153 116.4 91.2 136.8

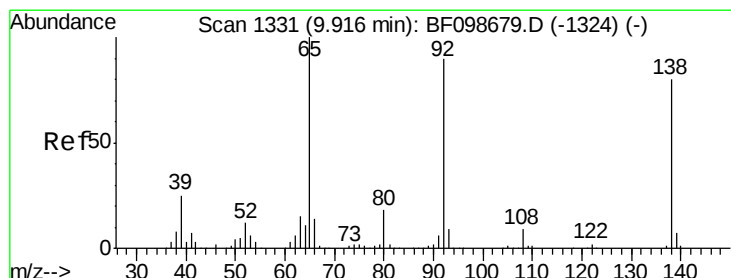
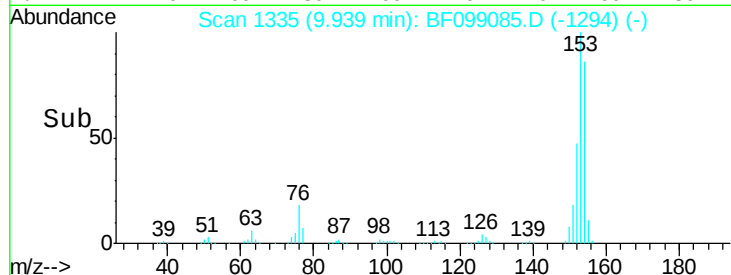
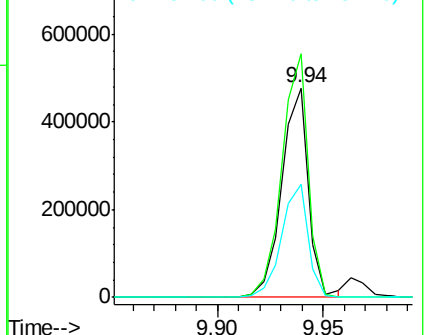
152 54.3 43.8 65.8



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: 26.08 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.05 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

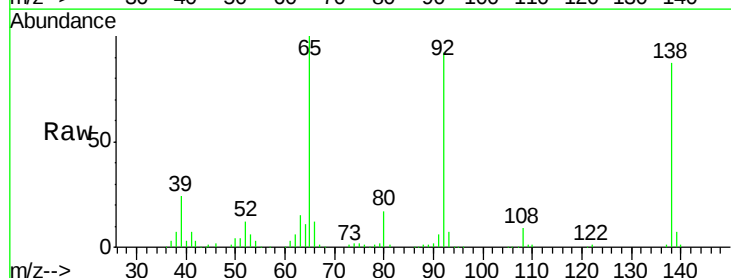
Tgt Ion:138 Resp: 121831

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

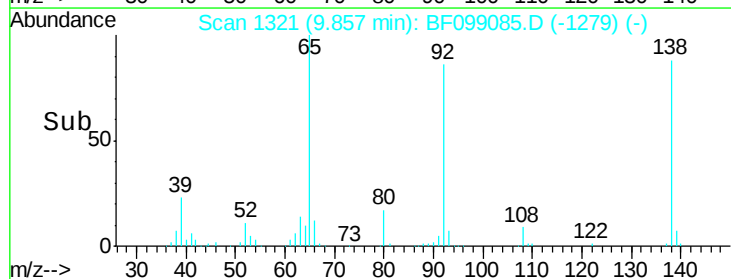
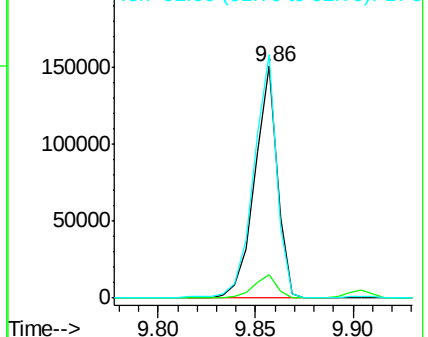
92 105.0 89.4 134.2

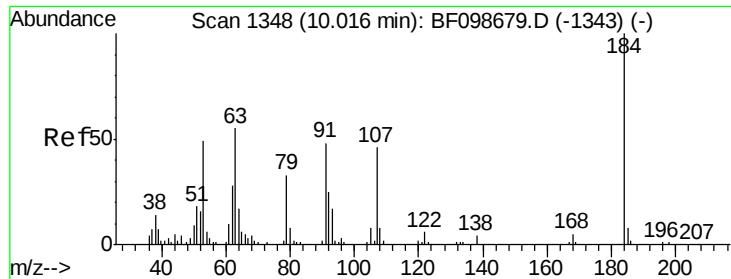


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

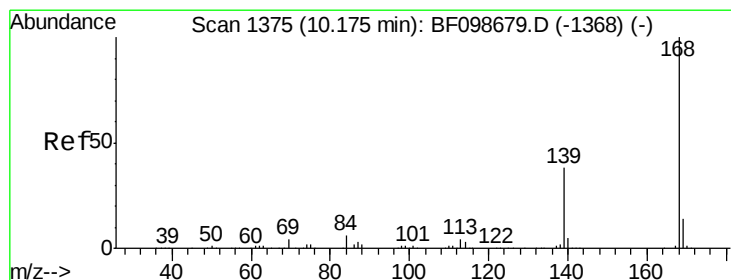
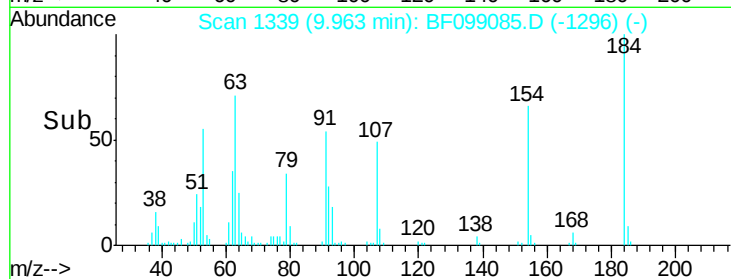
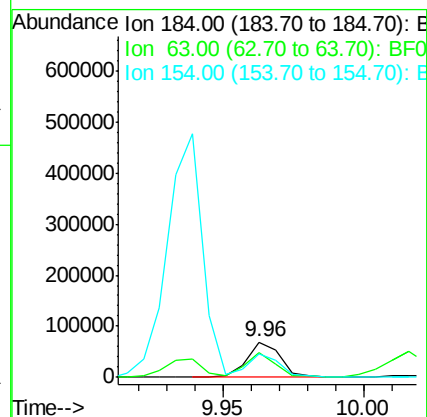
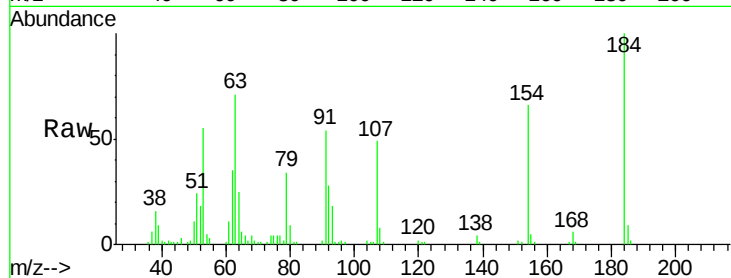




#53
2,4-Dinitrophenol
Concen: 31.70 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.05 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

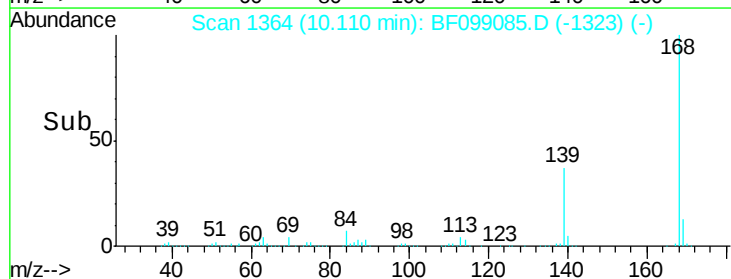
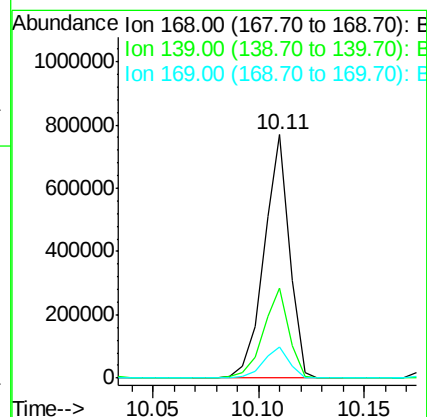
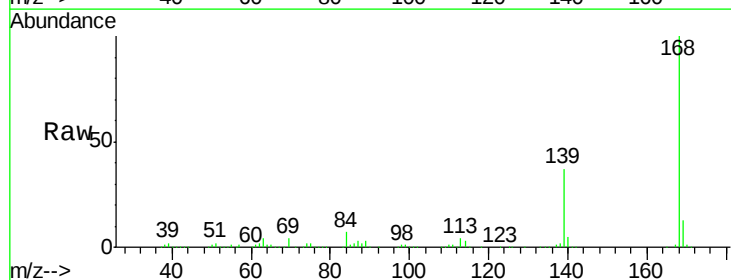
Instrument :
BNA_F
ClientSampleId :

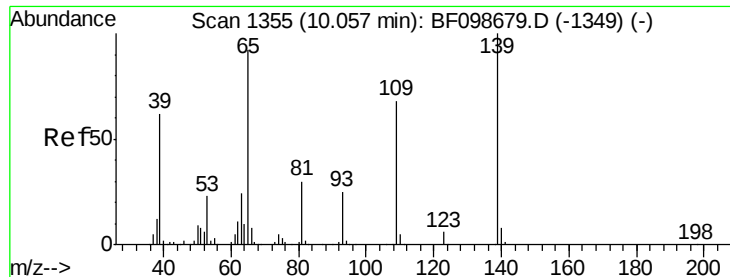
Tot Ion:184 Resp: 58205
Ion Ratio Lower Upper
184 100
63 71.5 54.2 81.2
154 65.6 53.5 80.3



#54
Dibenzofuran
Concen: 31.61 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.06 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Tgt Ion:168 Resp: 642005
Ion Ratio Lower Upper
168 100
139 37.1 30.1 45.1
169 13.0 10.9 16.3

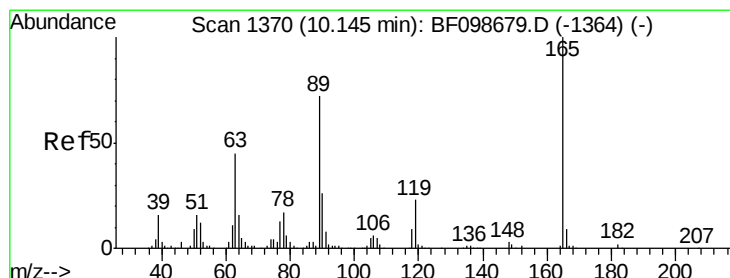
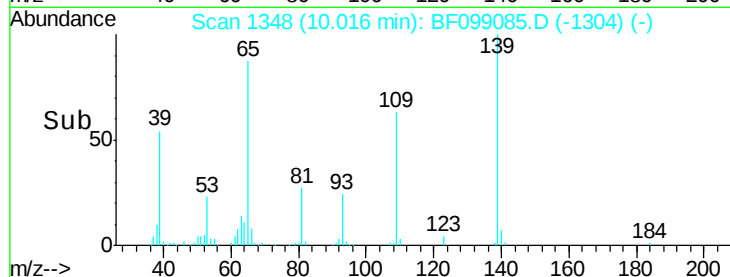
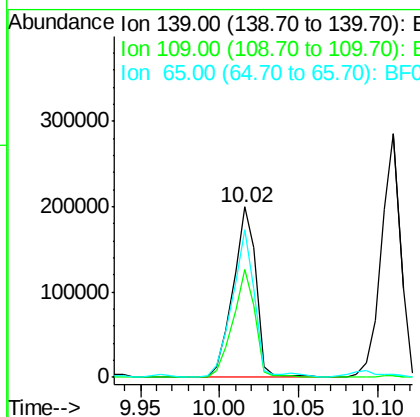
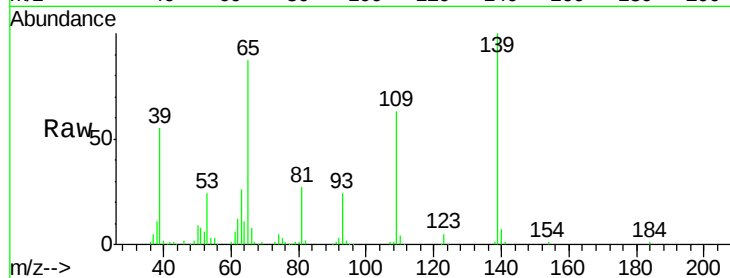




#55
4-Nitrophenol
Concen: 50.81 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.04 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

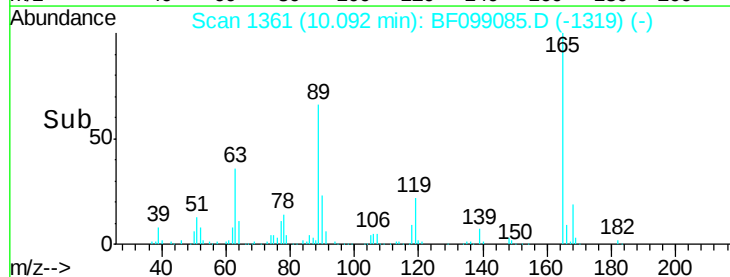
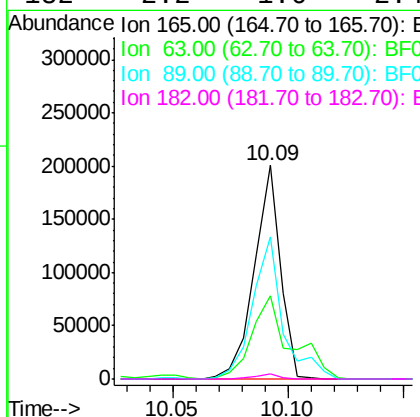
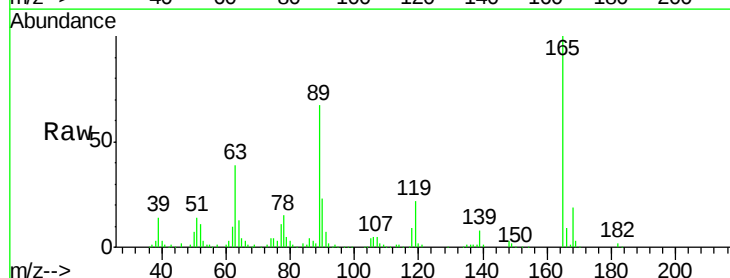
Instrument :
BNA_F
ClientSampleId :

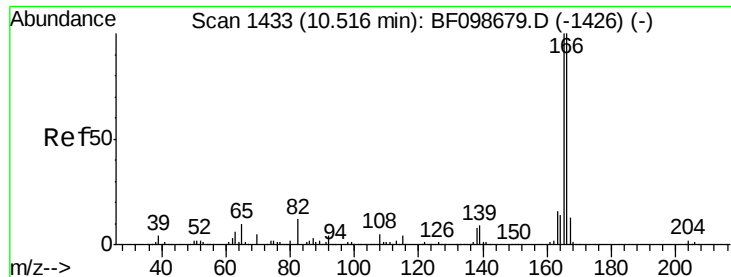
Tot Ion:139 Resp: 200679
Ion Ratio Lower Upper
139 100
109 63.2 48.4 88.4
65 86.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 30.58 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.05 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Tgt Ion:165 Resp: 159000
Ion Ratio Lower Upper
165 100
63 39.1 36.4 54.6
89 66.6 57.8 86.6
182 2.2 1.6 2.4

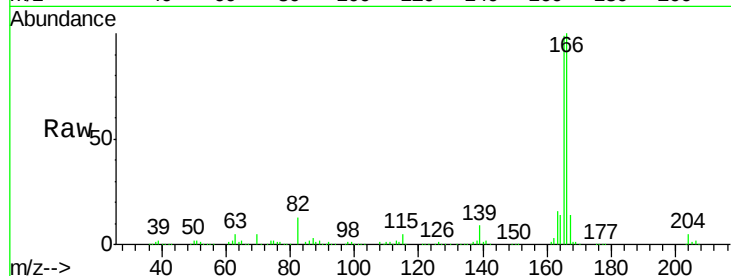




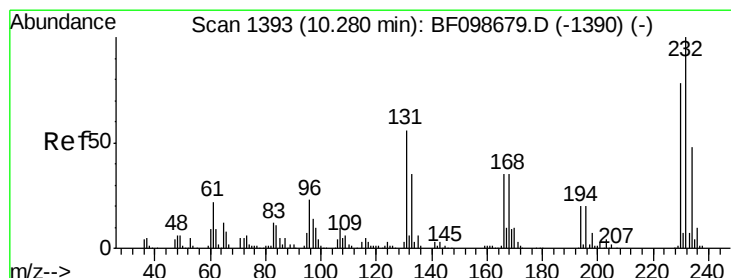
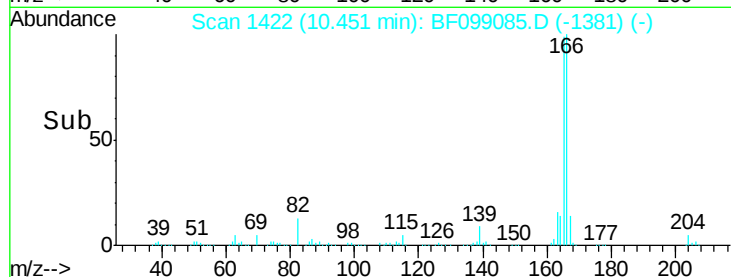
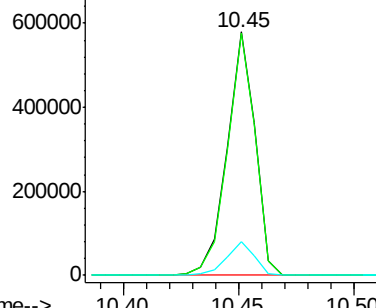
#57
Fluorene
Concen: 30.07 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.06 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:166 Resp: 490910
Ion Ratio Lower Upper
166 100
165 99.4 79.8 119.8
167 13.8 10.6 16.0



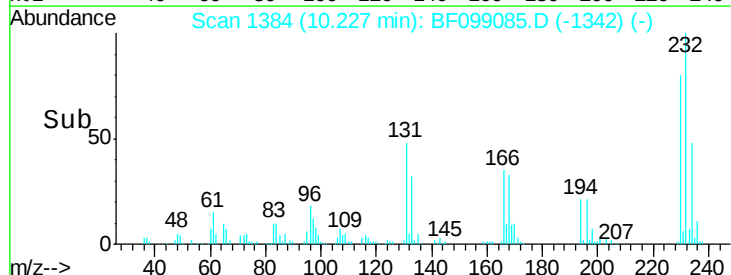
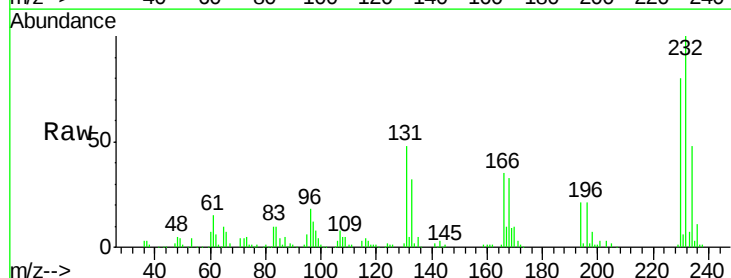
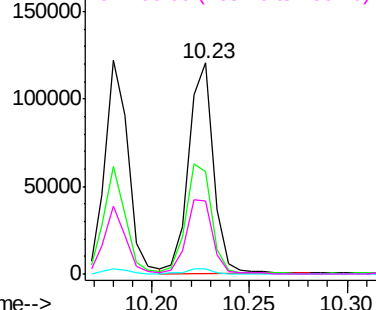
Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

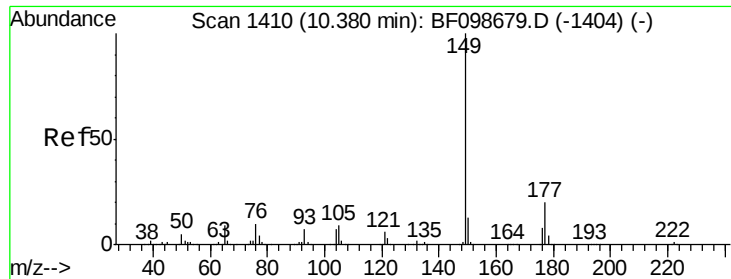


#58
2,3,4,6-Tetrachlorophenol
Concen: 29.91 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.05 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Tgt Ion:232 Resp: 106231
Ion Ratio Lower Upper
232 100
131 55.4 43.8 65.8
130 2.7 2.1 3.1
166 38.6 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

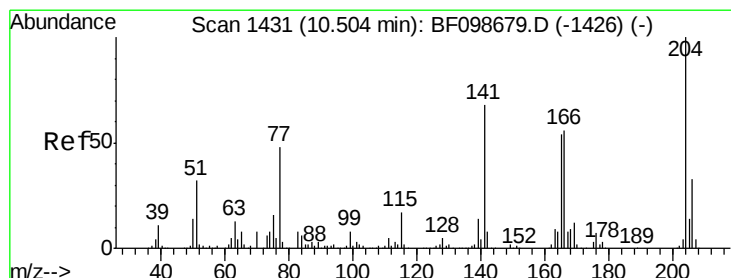
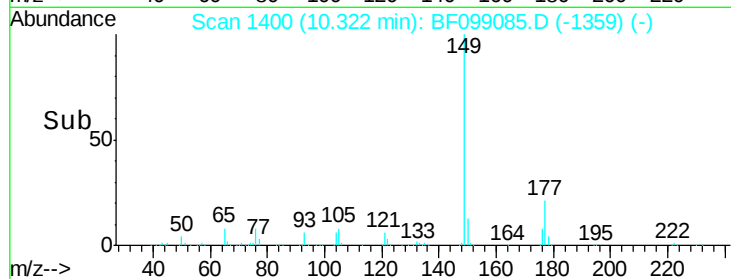
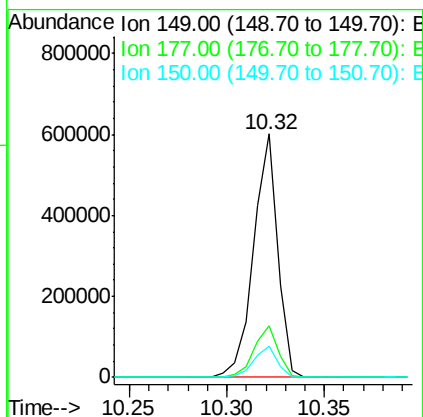
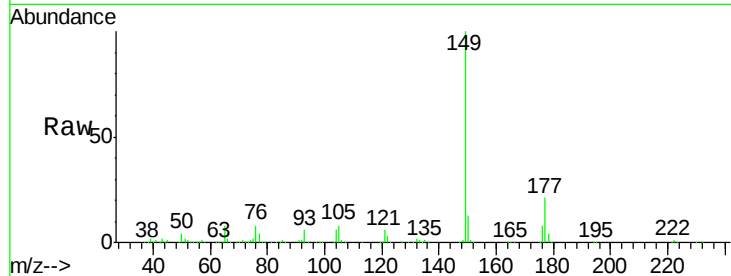




#59
Diethylphthalate
Concen: 28.66 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.06 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

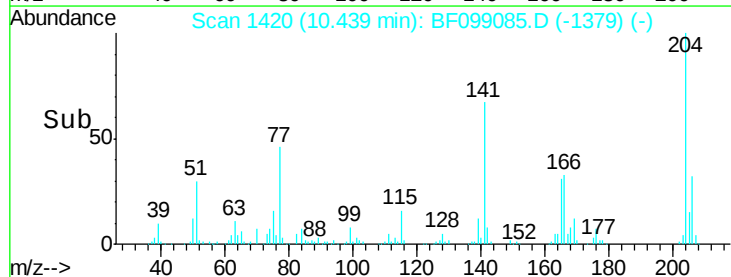
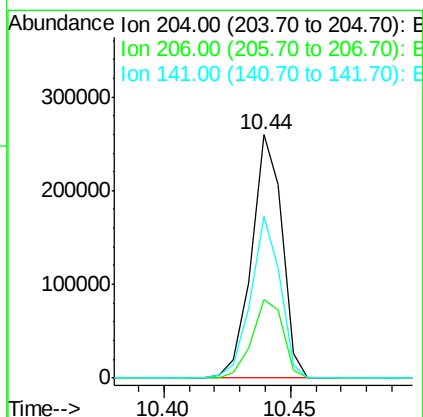
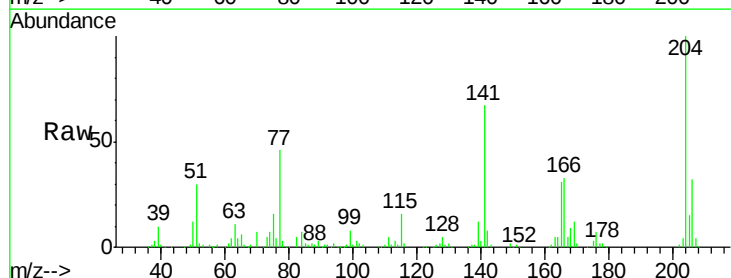
Instrument :
BNA_F
ClientSampled :

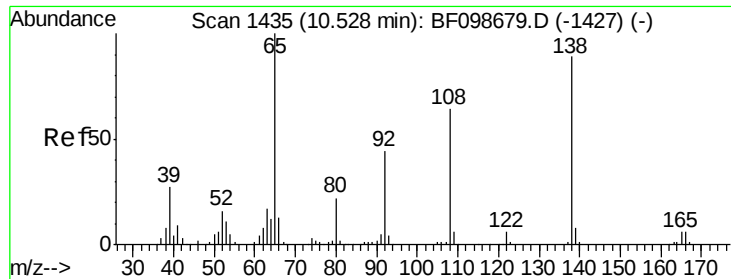
Tot Ion:149 Resp: 515292
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 29.71 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.06 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Tgt Ion:204 Resp: 217863
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 66.5 54.6 81.8

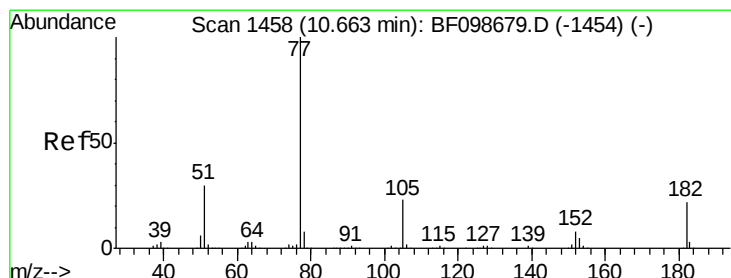
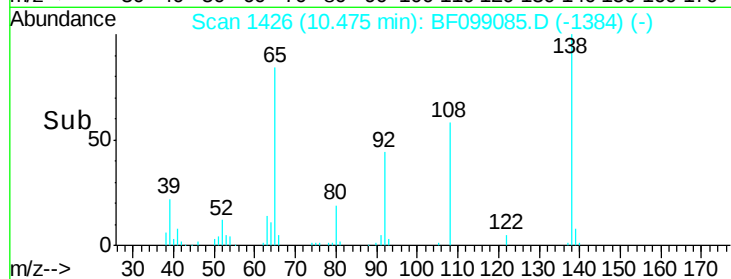
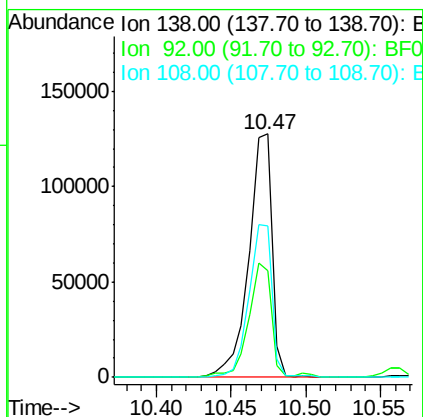
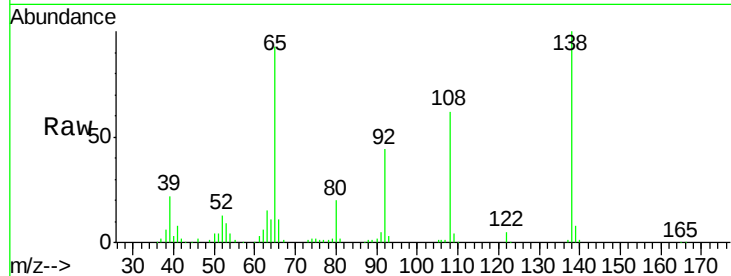




#61
4-Nitroaniline
Concen: 30.44 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.05 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

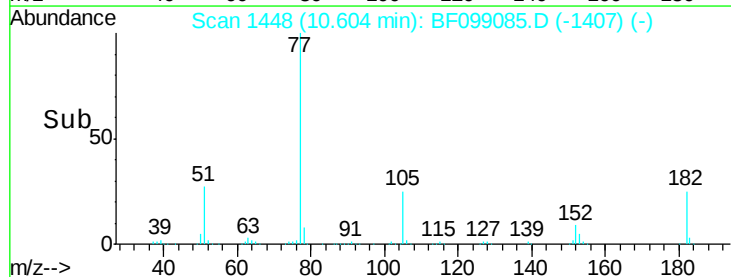
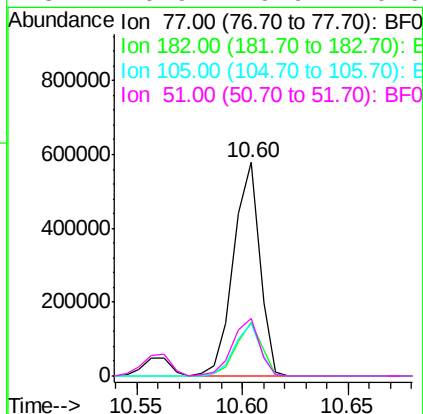
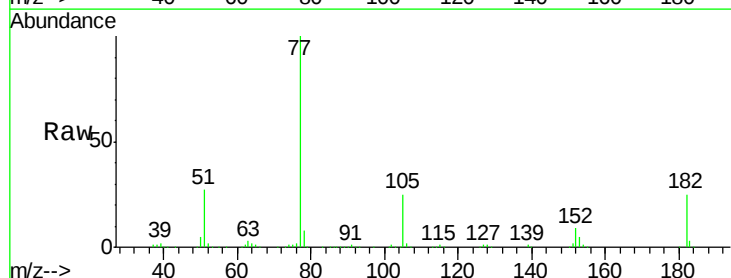
Instrument :
BNA_F
ClientSampleId :

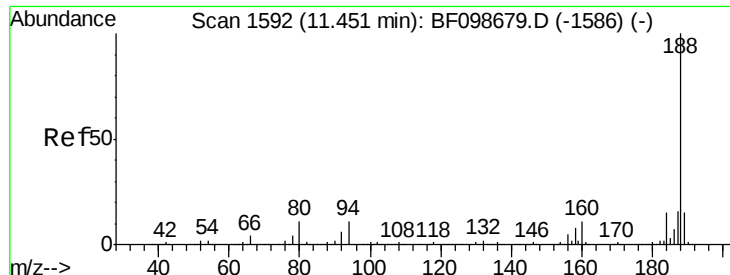
Tot Ion:138 Resp: 137187
Ion Ratio Lower Upper
138 100
92 43.9 30.2 70.2
108 62.4 52.5 92.5



#62
Azobenzene
Concen: 30.07 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.06 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Tgt Ion: 77 Resp: 497190
Ion Ratio Lower Upper
77 100
182 25.5 1.7 41.7
105 24.7 3.0 43.0
51 26.9 9.9 49.9

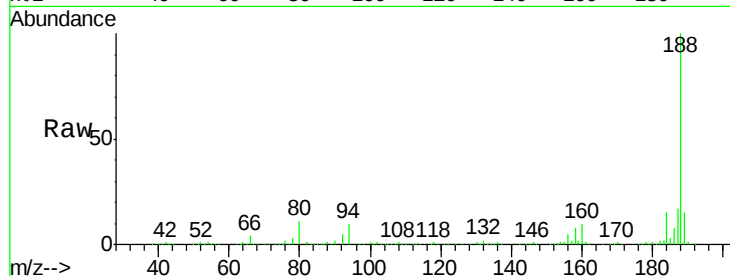




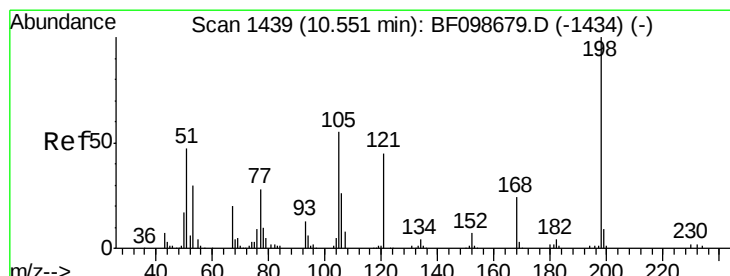
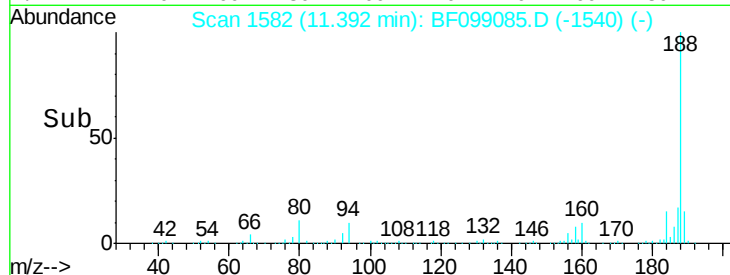
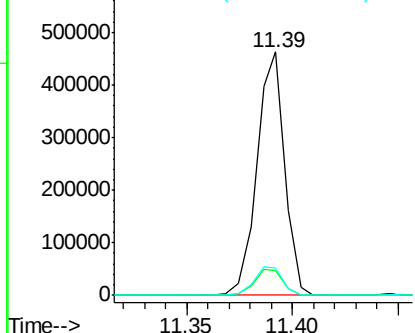
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.05 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 421597
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.0 9.2 13.8

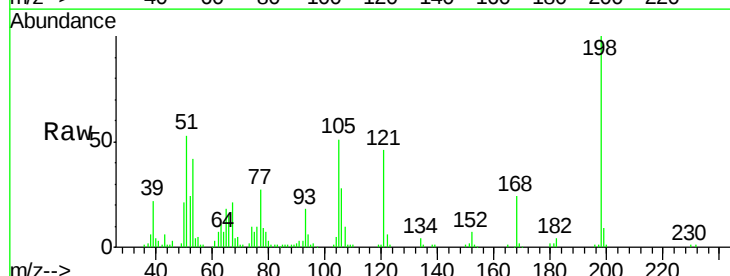


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

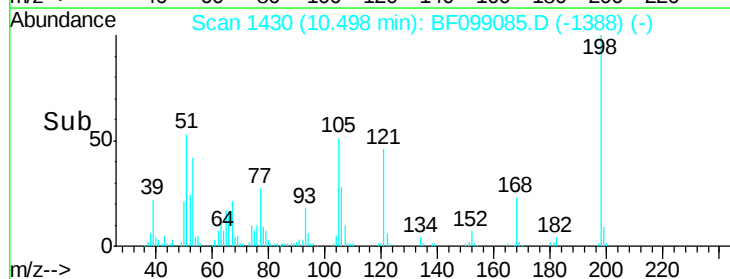
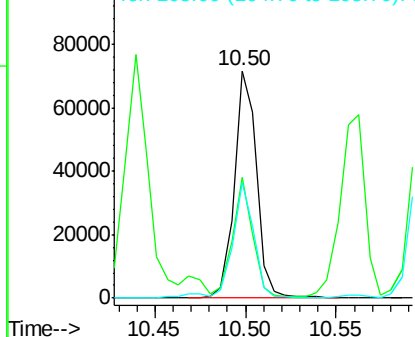


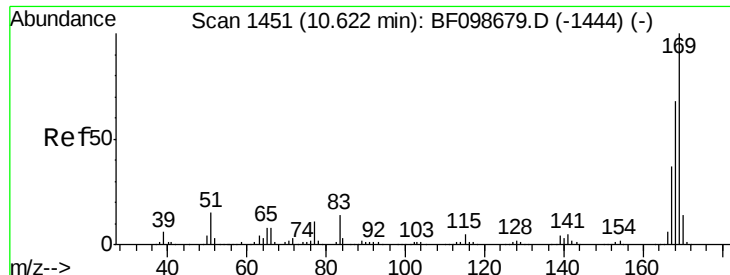
#64
4,6-Dinitro-2-methylphenol
Concen: 23.80 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.05 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Tgt Ion:198 Resp: 61056
Ion Ratio Lower Upper
198 100
51 53.0 37.7 77.7
105 50.6 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

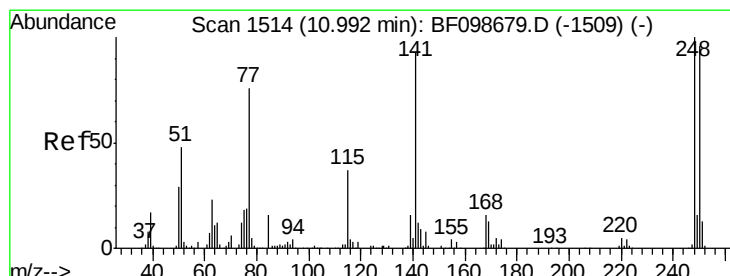
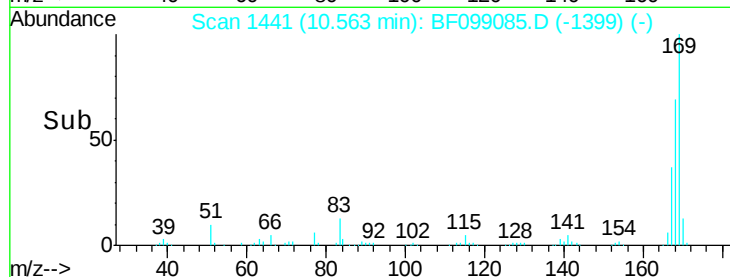
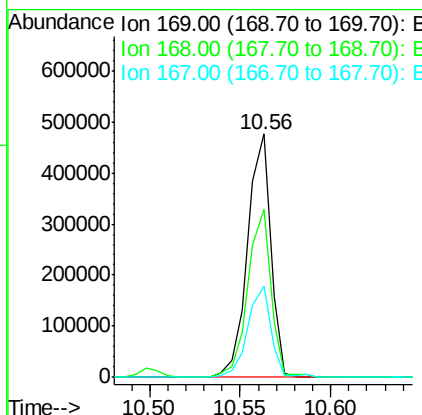
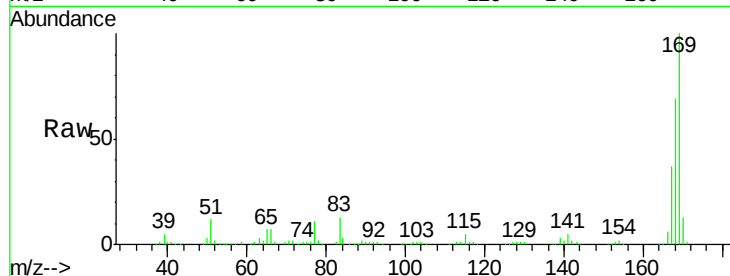




#65
 n-Nitrosodiphenylamine
 Concen: 29.11 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.05 min
 Lab File: BF099085.D
 Acq: 4 Oct 2017 23:48

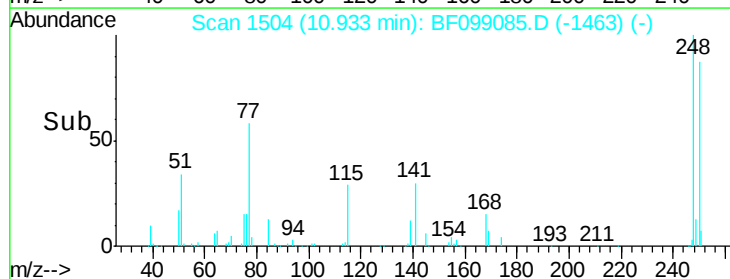
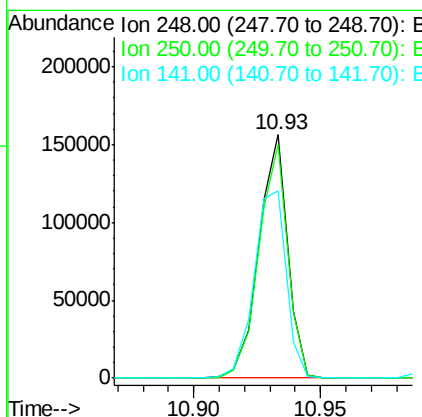
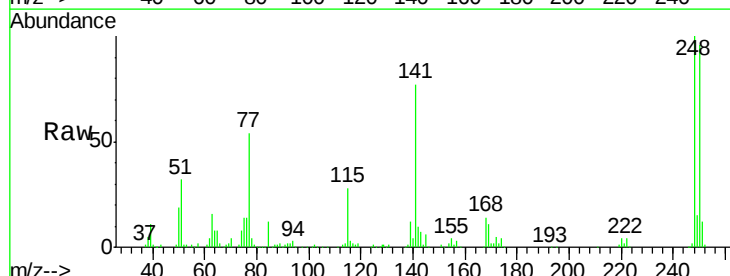
Instrument :
 BNA_F
 ClientSampleId :

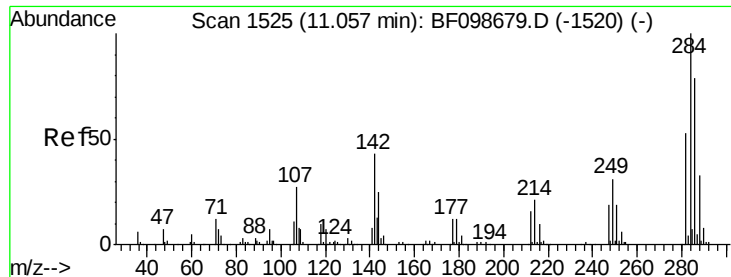
Tot Ion:169 Resp: 425175
 Ion Ratio Lower Upper
 169 100
 168 68.9 54.4 81.6
 167 37.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 30.18 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.06 min
 Lab File: BF099085.D
 Acq: 4 Oct 2017 23:48

Tgt Ion:248 Resp: 124565
 Ion Ratio Lower Upper
 248 100
 250 96.1 76.9 115.3
 141 77.0 74.4 111.6

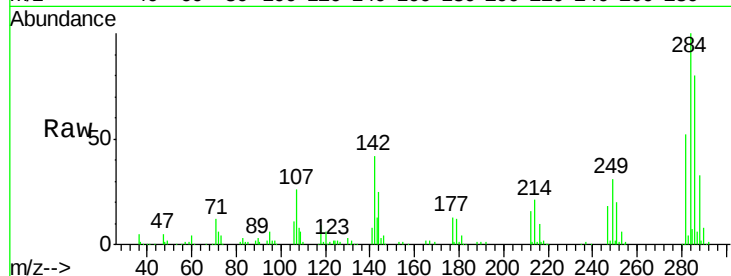




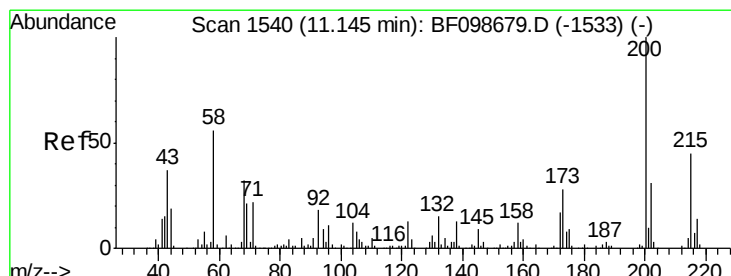
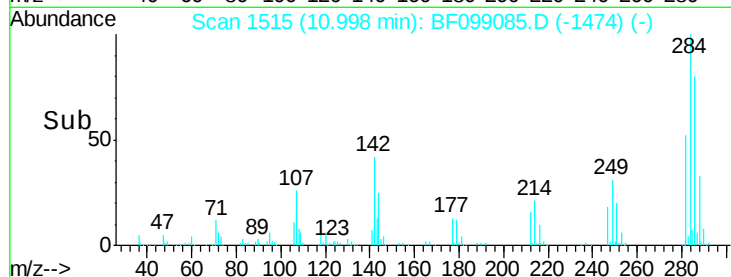
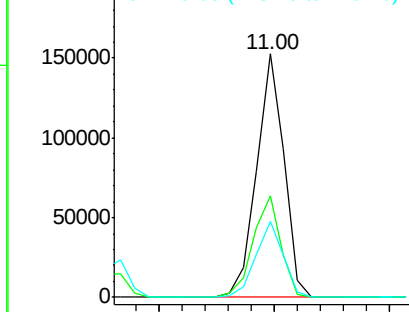
#67
Hexachlorobenzene
Concen: 28.65 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.06 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 126280
Ion Ratio Lower Upper
284 100
142 41.9 34.6 52.0
249 31.1 24.8 37.2

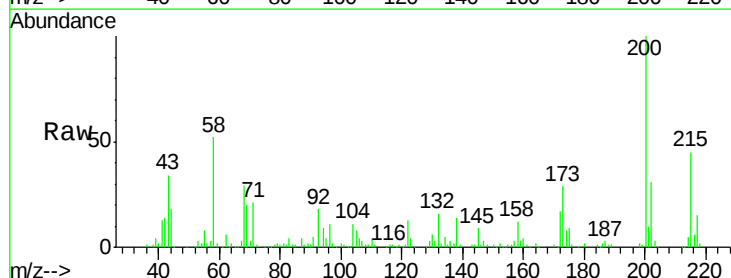


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

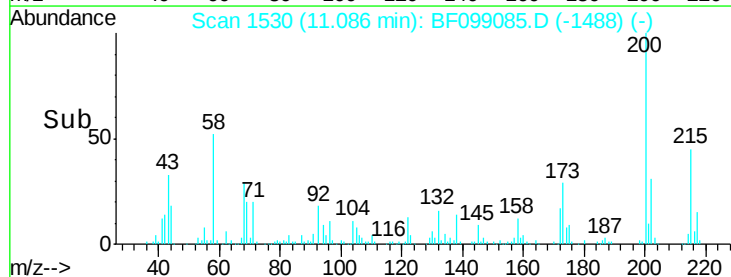
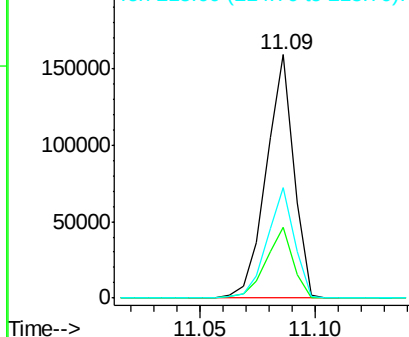


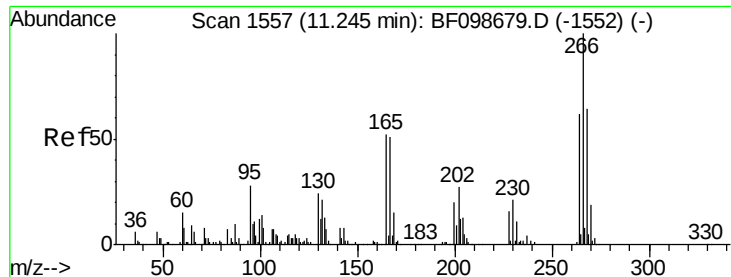
#68
Atrazine
Concen: 30.06 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.05 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Tgt Ion:200 Resp: 132084
Ion Ratio Lower Upper
200 100
173 29.2 8.6 48.6
215 45.3 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

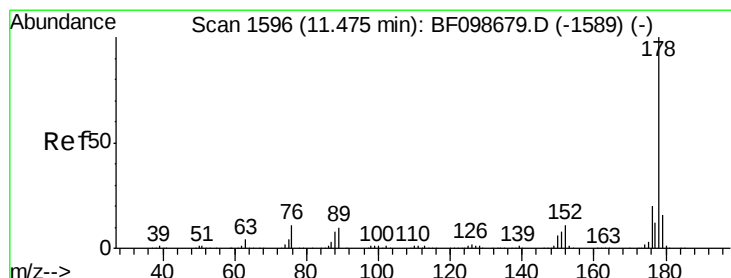
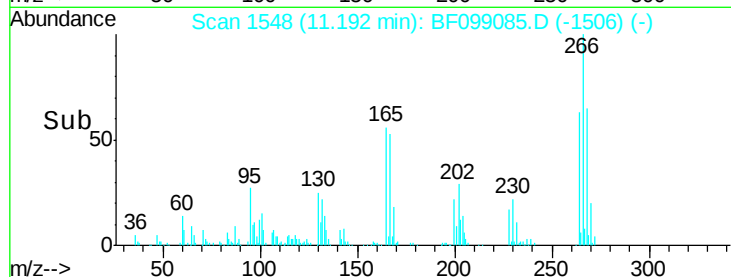
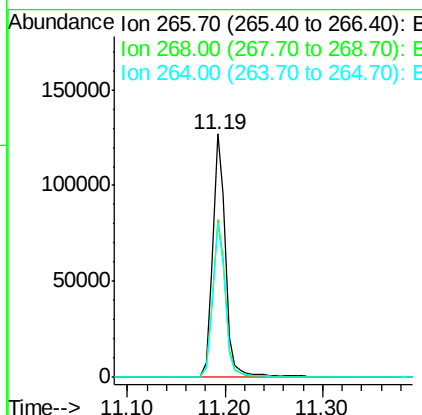
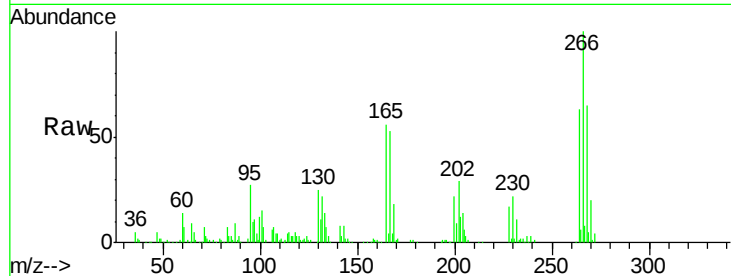




#69
 Pentachlorophenol
 Concen: 42.40 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.05 min
 Lab File: BF099085.D
 Acq: 4 Oct 2017 23:48

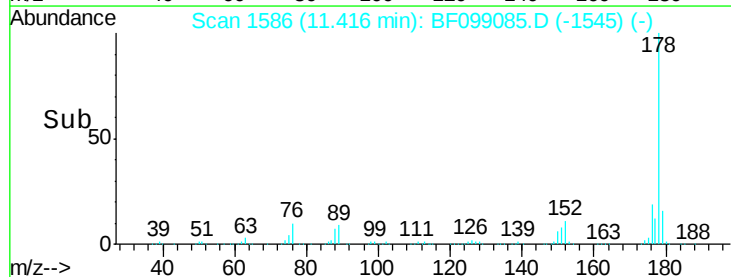
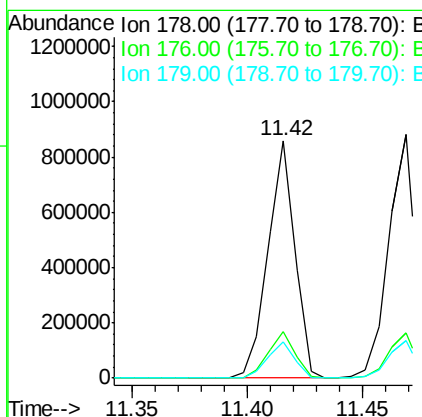
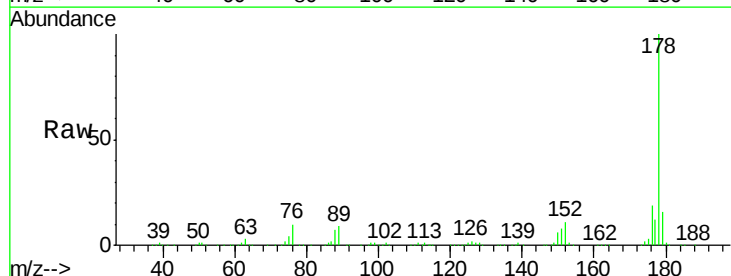
Instrument :
 BNA_F
 ClientSampleId :

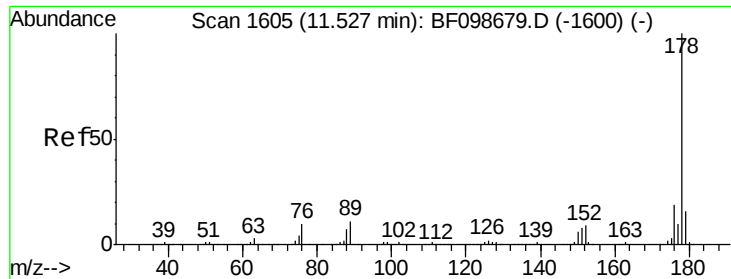
Tot Ion:266 Resp: 116308
 Ion Ratio Lower Upper
 266 100
 268 64.9 51.1 76.7
 264 63.4 49.5 74.3



#70
 Phenanthrene
 Concen: 31.01 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.06 min
 Lab File: BF099085.D
 Acq: 4 Oct 2017 23:48

Tgt Ion:178 Resp: 699730
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.5 13.0 19.6

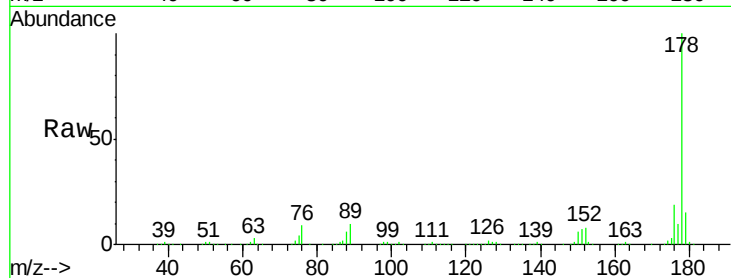




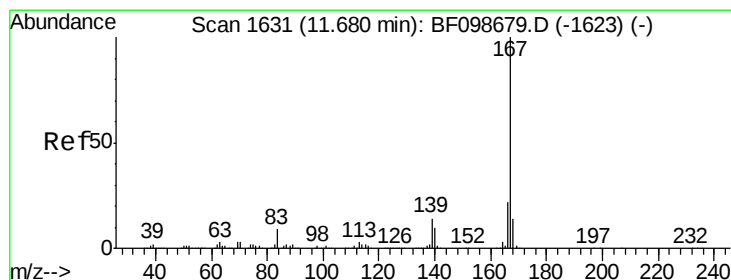
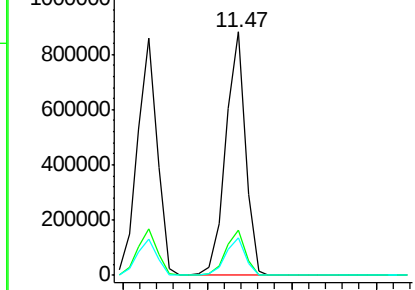
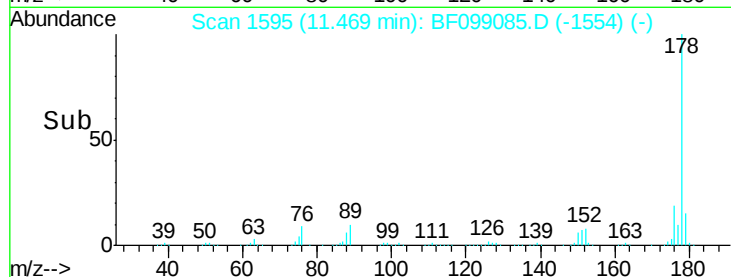
#71
 Anthracene
 Concen: 30.89 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.06 min
 Lab File: BF099085.D
 Acq: 4 Oct 2017 23:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 713364
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.3 12.6 19.0

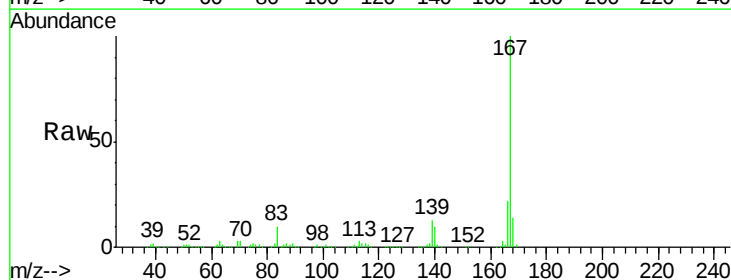


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

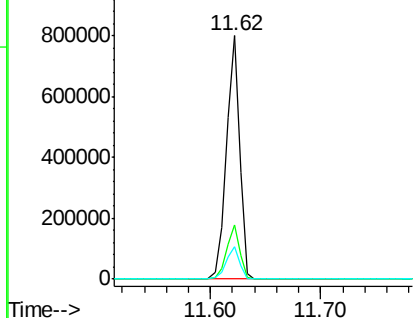
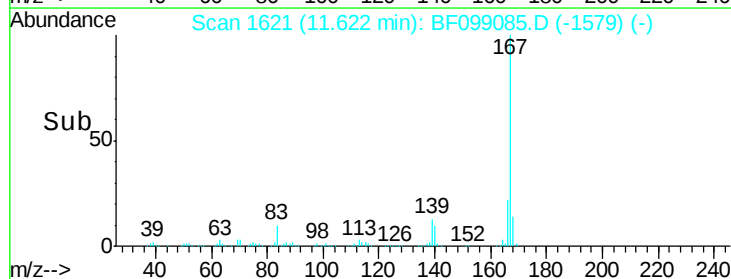


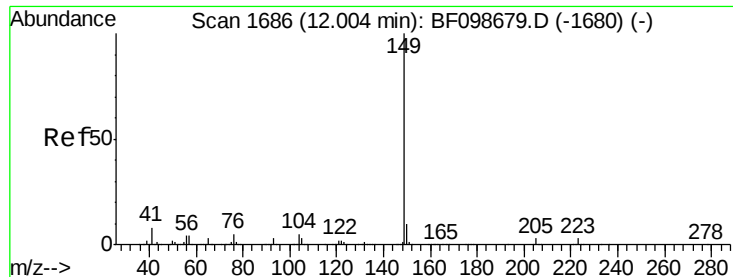
#72
 Carbazole
 Concen: 29.87 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.05 min
 Lab File: BF099085.D
 Acq: 4 Oct 2017 23:48

Tgt Ion:167 Resp: 675365
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.4 10.9 16.3



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





#73

Di-n-butylphthalate

Concen: 29.30 ng

RT: 11.95 min Scan# 1676

Delta R.T. -0.06 min

Lab File: BF099085.D

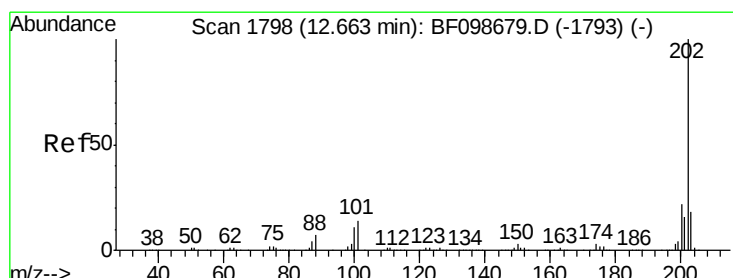
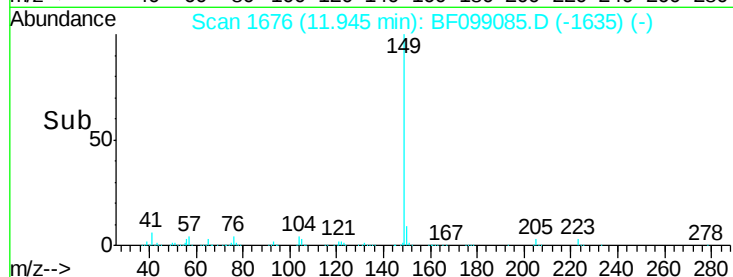
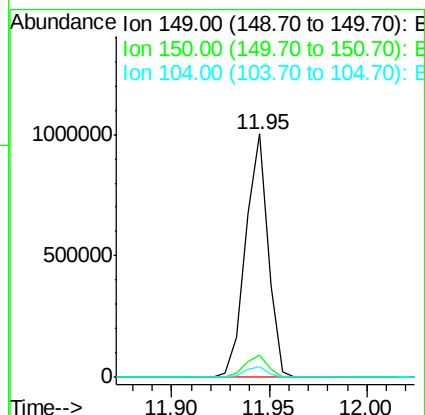
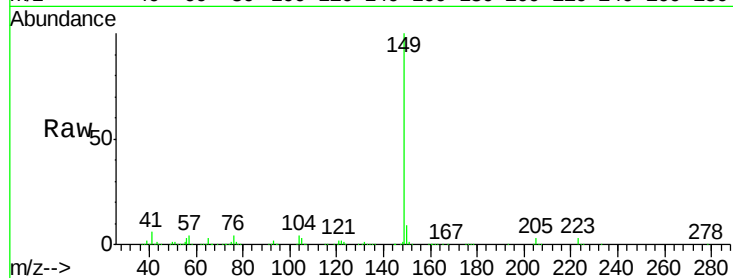
Acq: 4 Oct 2017 23:48

Instrument :

BNA_F

ClientSampled :

Tot Ion:149	Resp:	797367
Ion Ratio	Lower	Upper
149	100	
150	9.2	7.8 11.6
104	4.4	3.8 5.8



#74

Fluoranthene

Concen: 30.34 ng

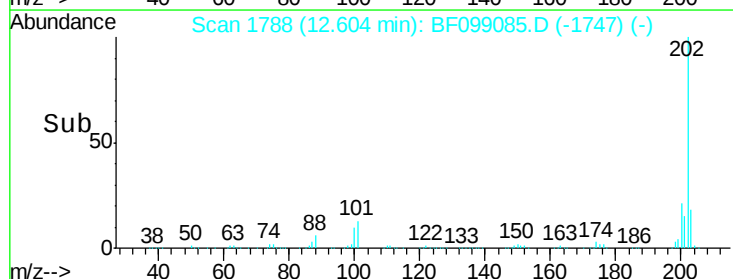
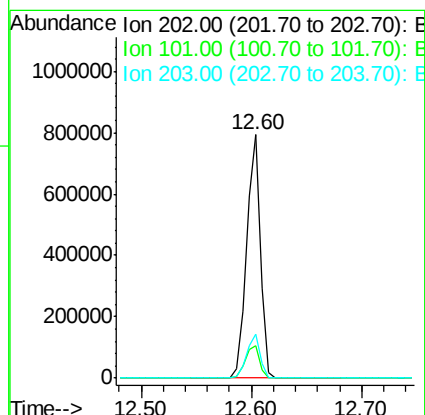
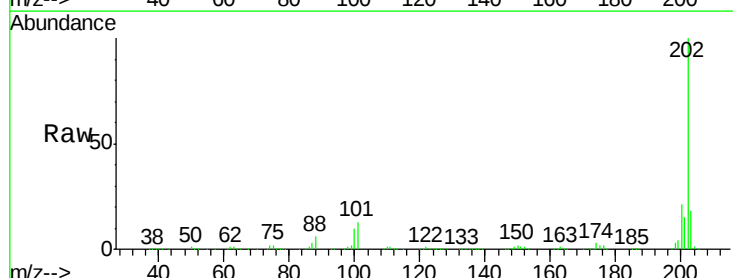
RT: 12.60 min Scan# 1788

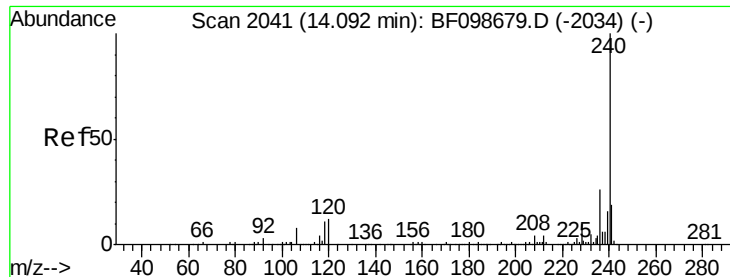
Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

Tgt Ion:202	Resp:	693382
Ion Ratio	Lower	Upper
202	100	
101	13.3	0.0 34.1
203	17.9	0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

Instrument :

BNA_F

ClientSampleId :

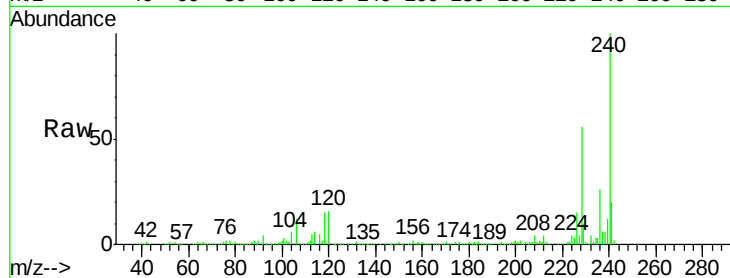
Tot Ion:240 Resp: 274026

Ion Ratio Lower Upper

240 100

120 16.0 9.5 14.3#

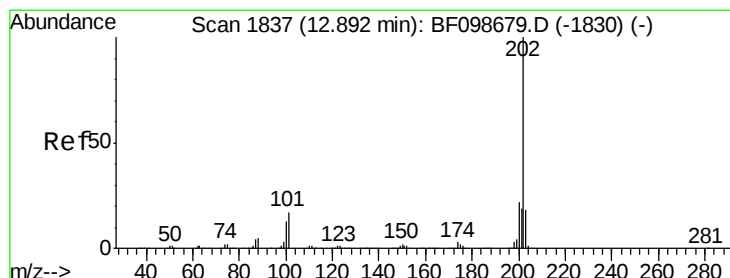
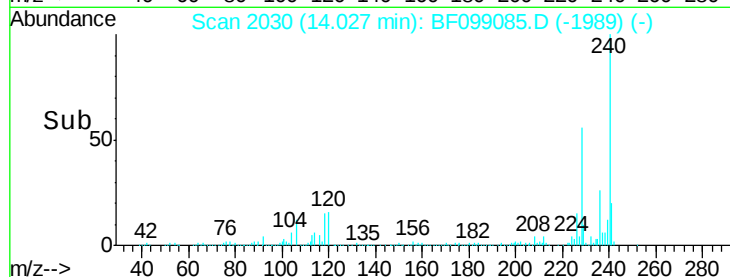
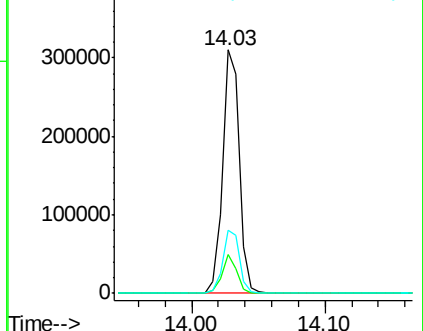
236 26.1 20.7 31.1



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



#77

Pyrene

Concen: 33.78 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

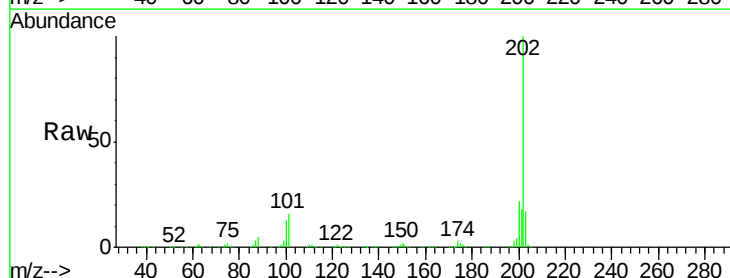
Tgt Ion:202 Resp: 705765

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

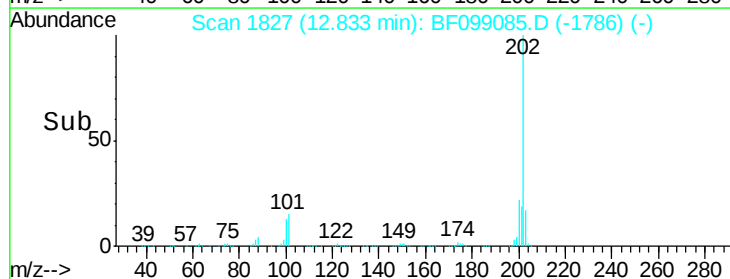
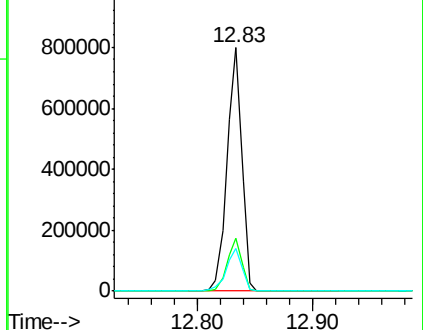
203 17.4 14.3 21.5

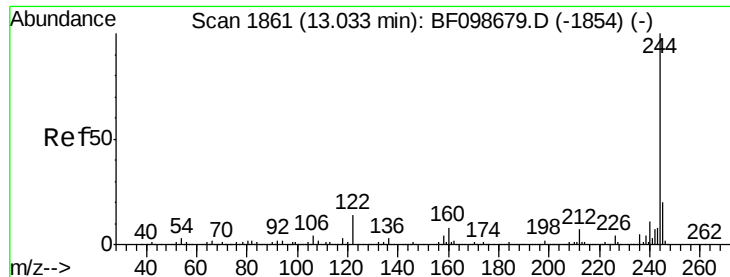


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 65.54 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

Instrument :

BNA_F

ClientSampled :

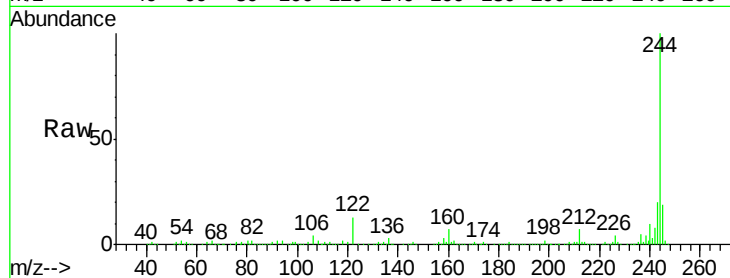
Tot Ion:244 Resp: 789701

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

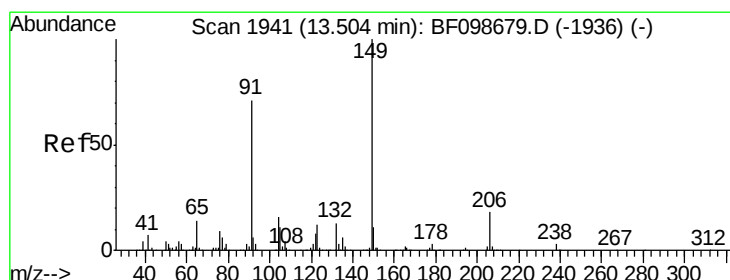
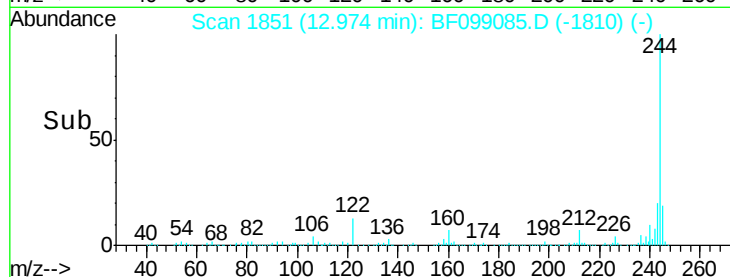
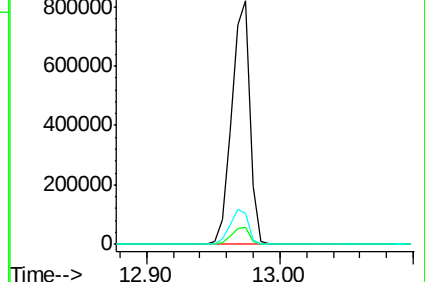
122 12.7 11.0 16.4



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: 33.38 ng

RT: 13.44 min Scan# 1931

Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

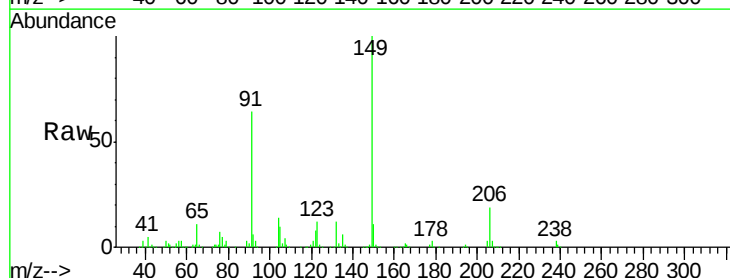
Tgt Ion:149 Resp: 327850

Ion Ratio Lower Upper

149 100

91 63.6 56.8 85.2

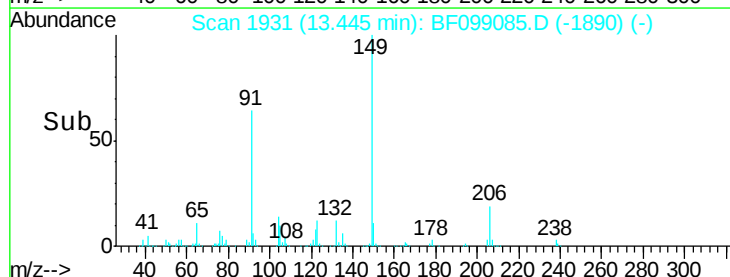
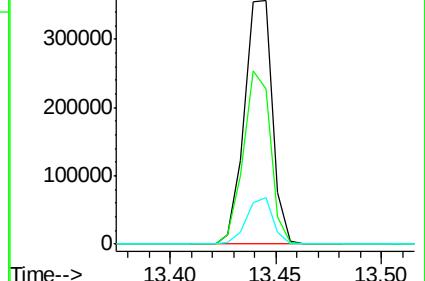
206 19.2 14.1 21.1

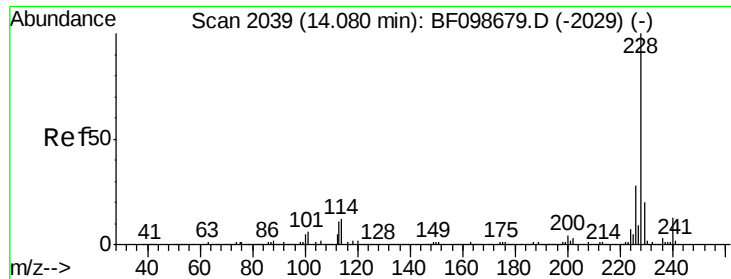


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 31.12 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

Instrument :

BNA_F

ClientSampleId :

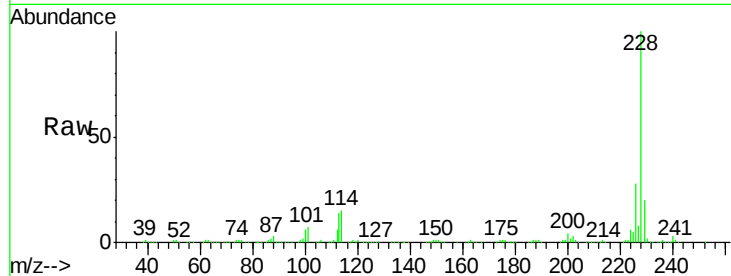
Tot Ion:228 Resp: 516312

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

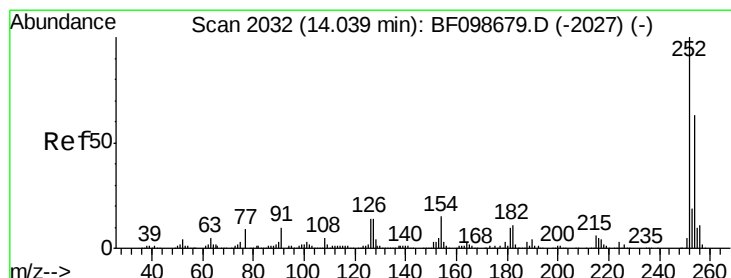
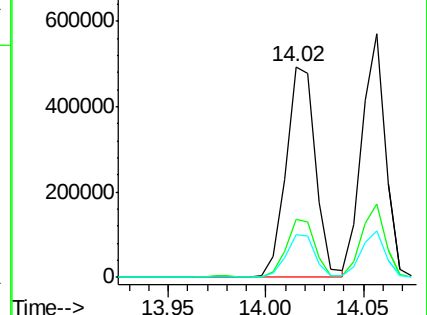
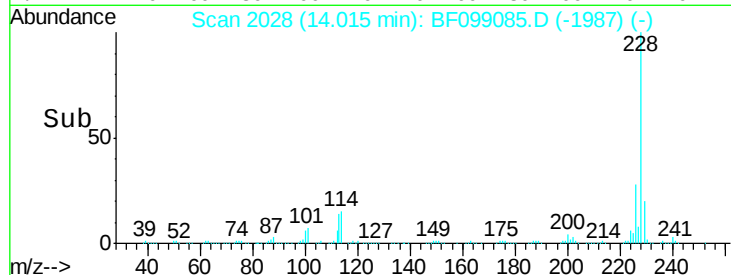
229 20.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 20.97 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

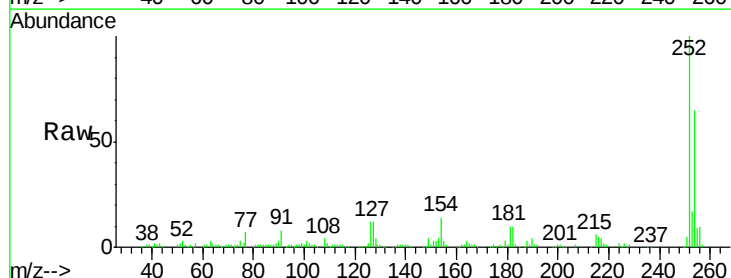
Tgt Ion:252 Resp: 127583

Ion Ratio Lower Upper

252 100

254 64.7 50.4 75.6

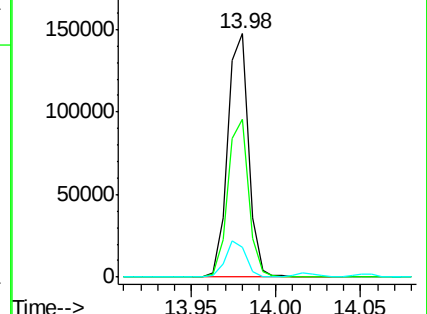
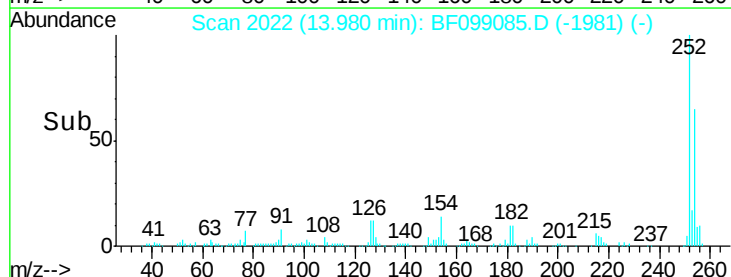
126 12.4 11.3 16.9

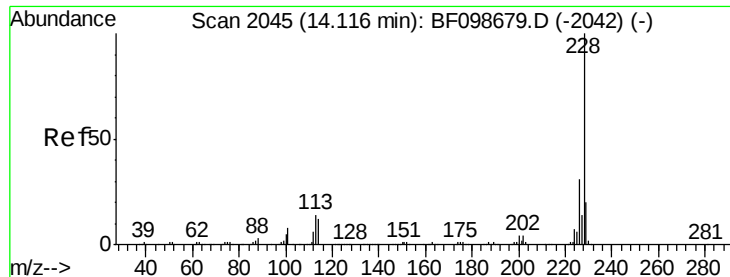


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 30.59 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

Instrument :

BNA_F

ClientSampleId :

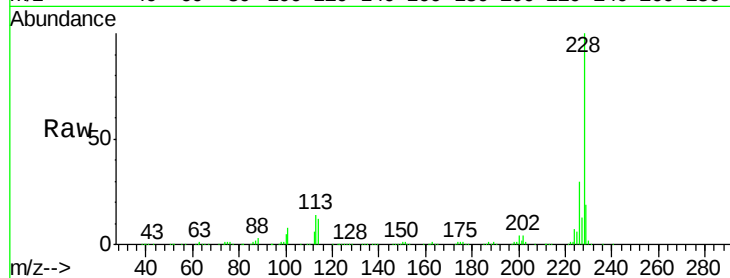
Tot Ion:228 Resp: 483267

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

229 19.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

600000

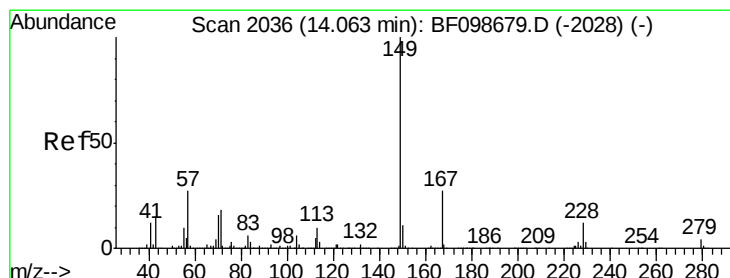
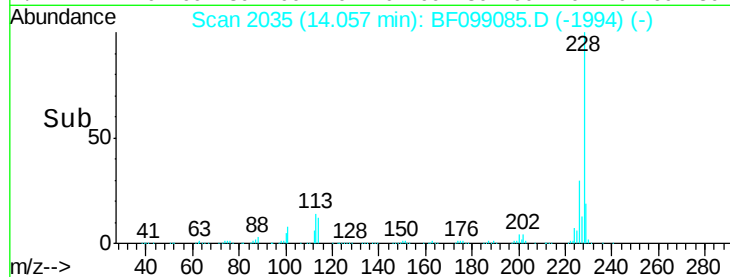
400000

200000

0

14.06

Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 32.04 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.06 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

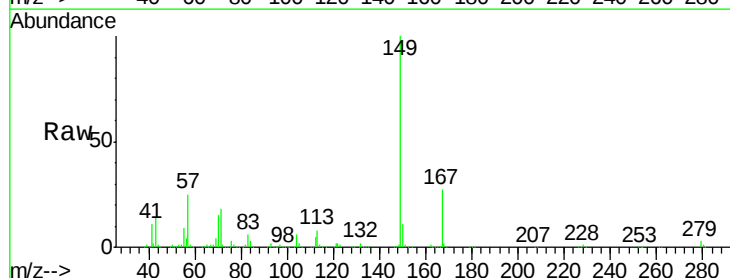
Tgt Ion:149 Resp: 433224

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

279 3.0 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

600000

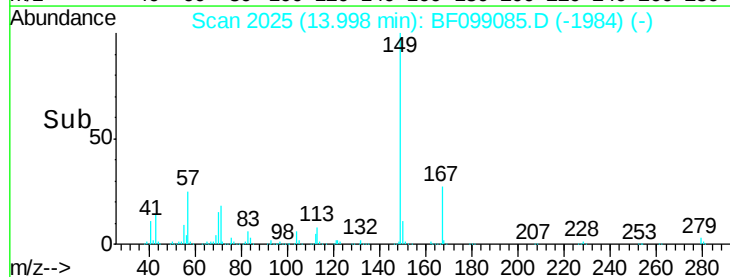
400000

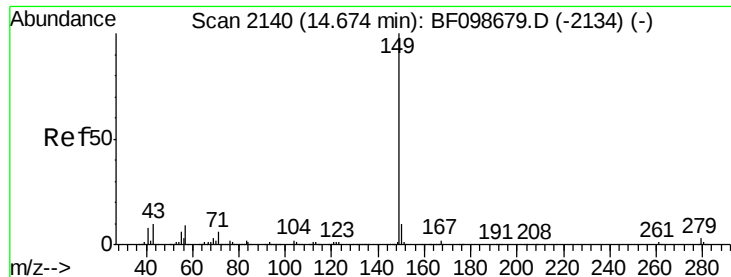
200000

0

14.00

Time-->

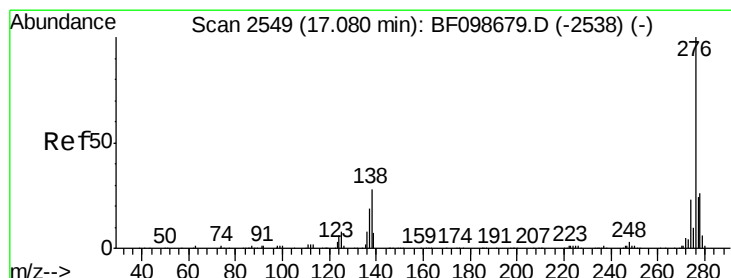
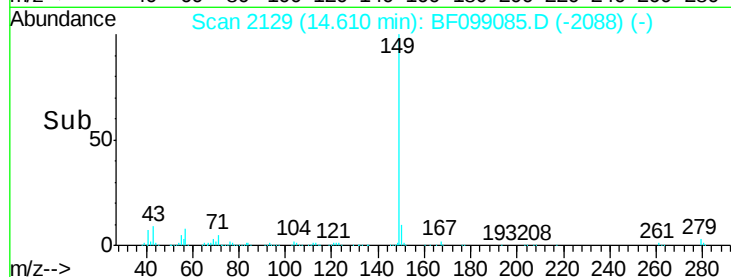
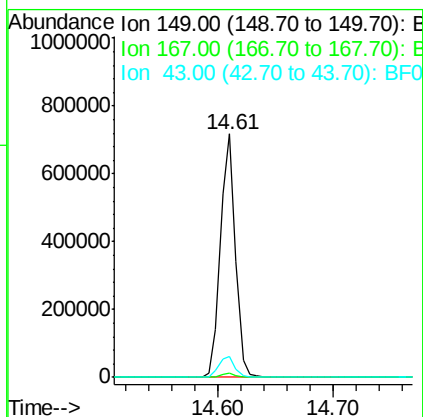
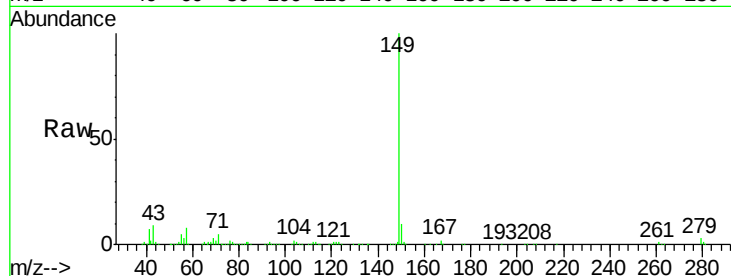




#84
Di-n-octyl phthalate
Concen: 29.56 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.06 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

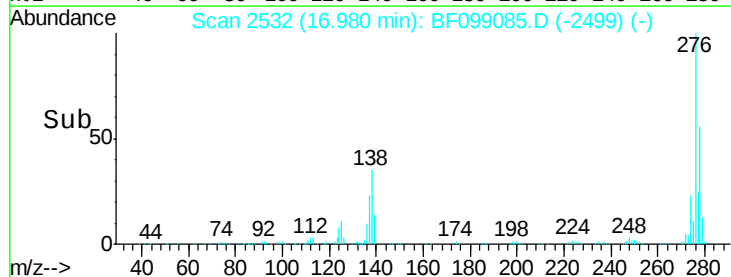
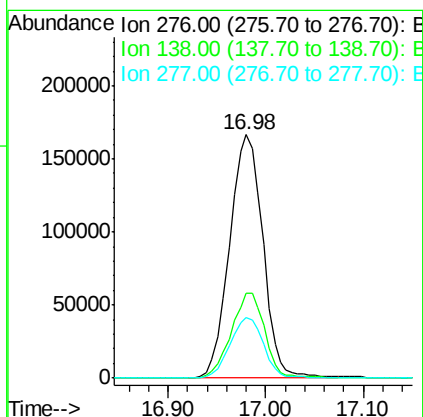
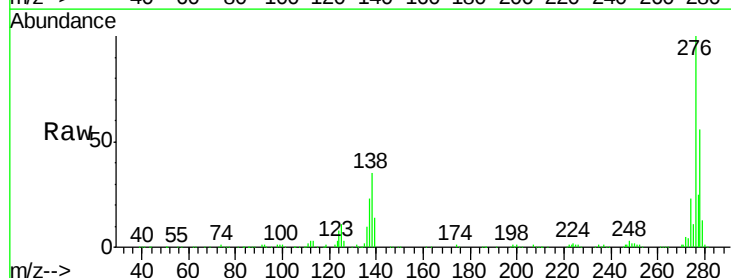
Instrument :
BNA_F
ClientSampleId :

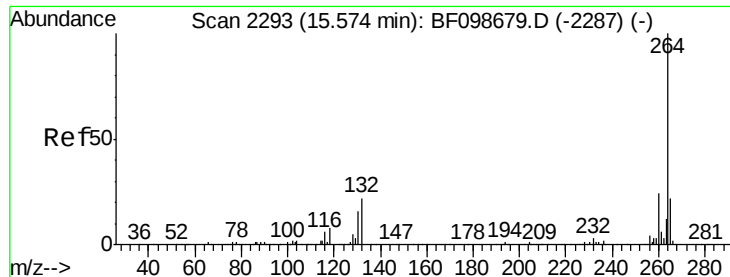
Tot Ion:149 Resp: 643536
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.0 8.4 12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 31.24 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.11 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Tgt Ion:276 Resp: 394737
Ion Ratio Lower Upper
276 100
138 35.2 25.0 37.6
277 24.9 20.1 30.1

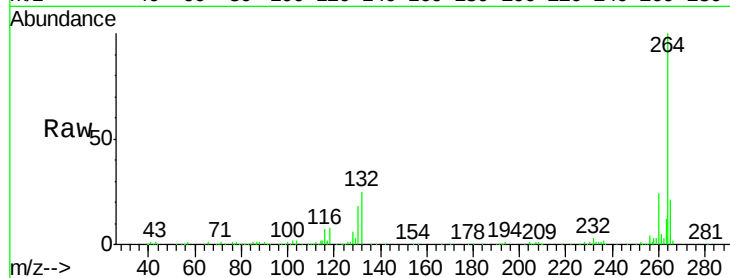




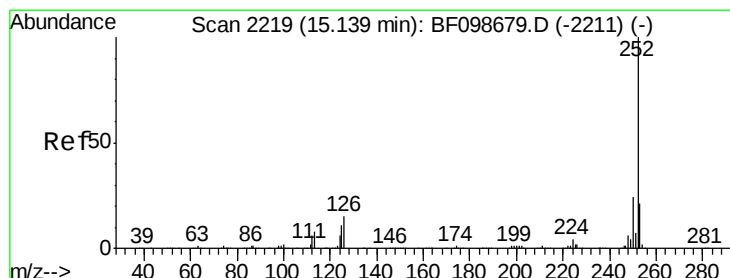
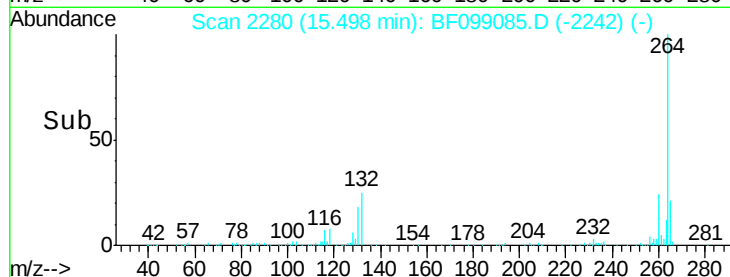
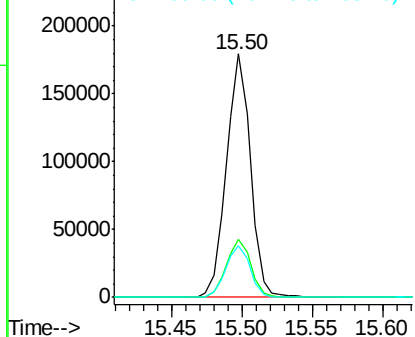
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.08 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 212546
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.4 17.5 26.3

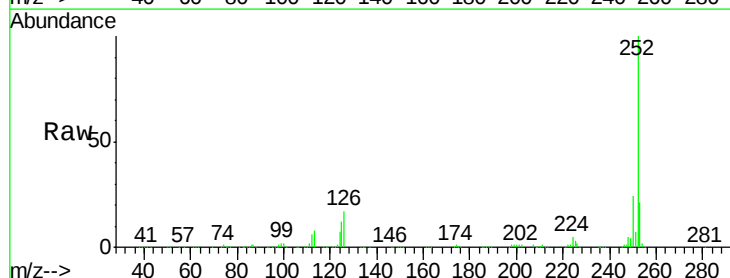


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

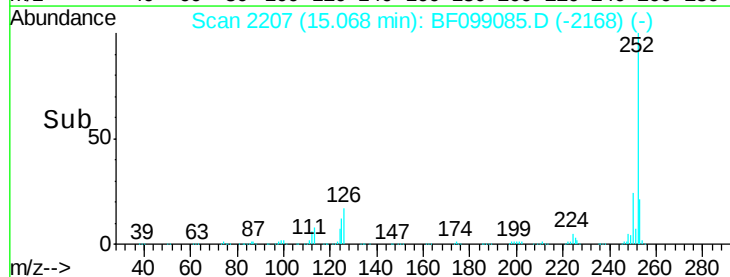
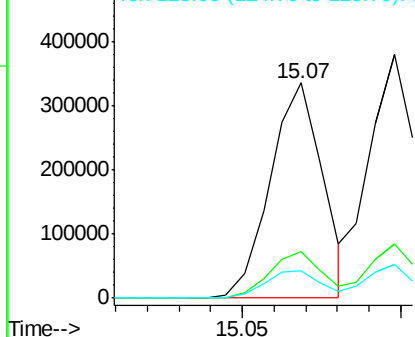


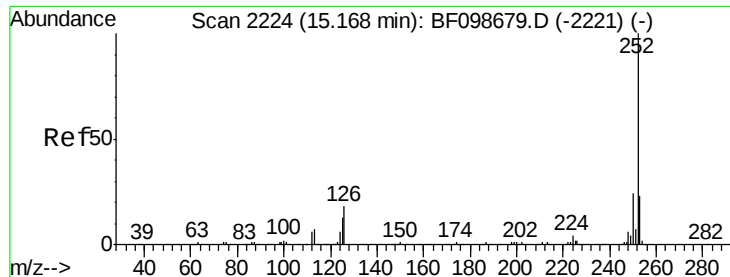
#87
Benzo(b)fluoranthene
Concen: 29.47 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.07 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Tgt Ion:252 Resp: 385067
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 12.4 9.0 13.6



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

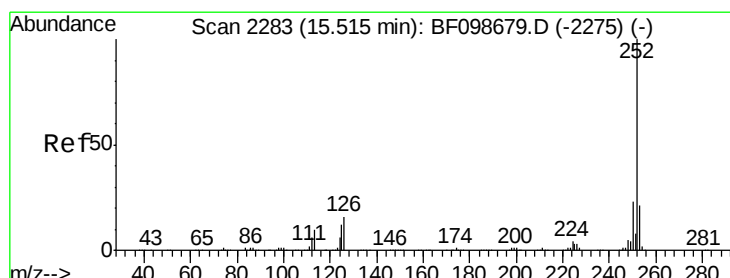
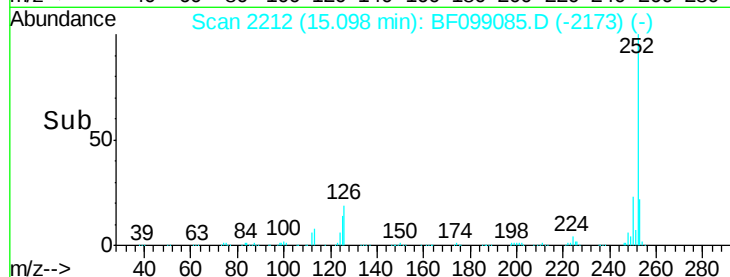
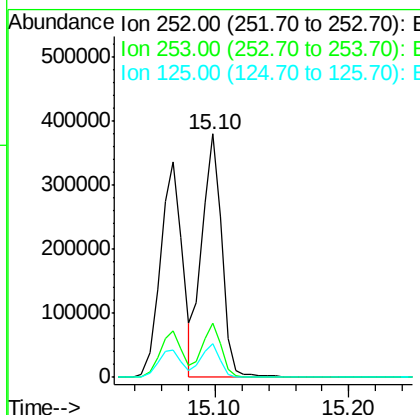
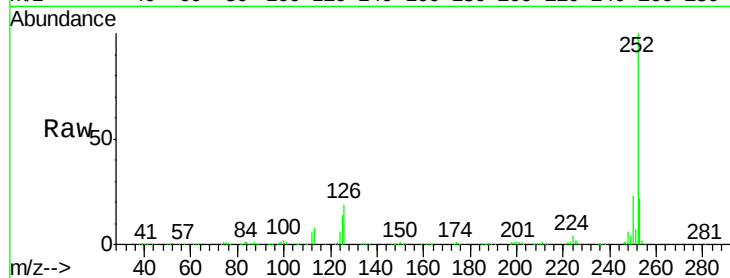




#88
Benzo(k)fluoranthene
Concen: 30.26 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.07 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

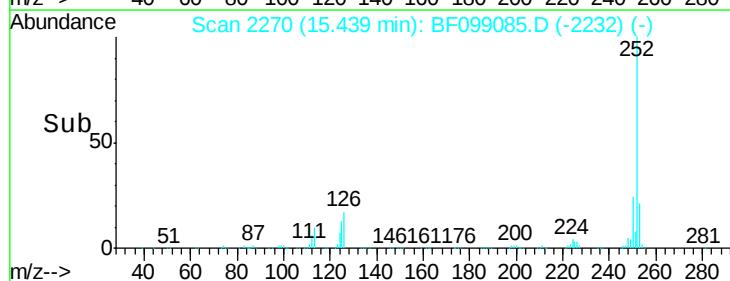
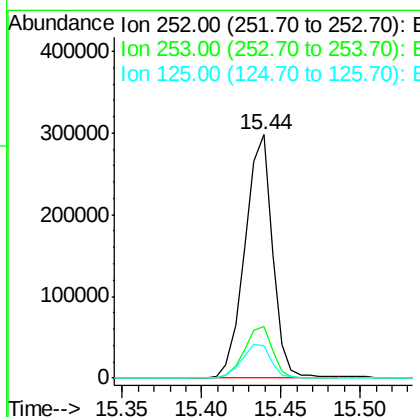
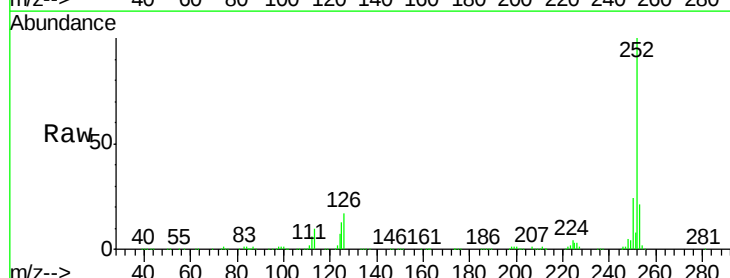
Instrument :
BNA_F
ClientSampleId :

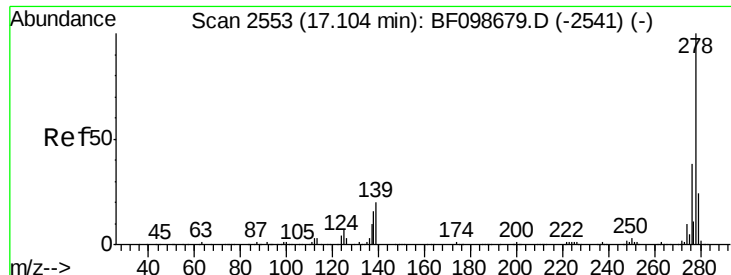
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	13.6	10.2	15.2



#89
Benzo(a)pyrene
Concen: 30.10 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.08 min
Lab File: BF099085.D
Acq: 4 Oct 2017 23:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.1	25.7
125	13.1	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 34.37 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.11 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

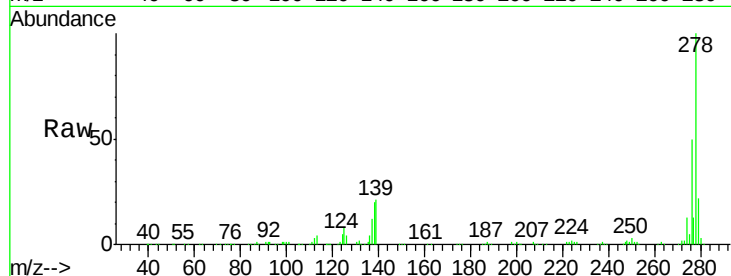
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 329997

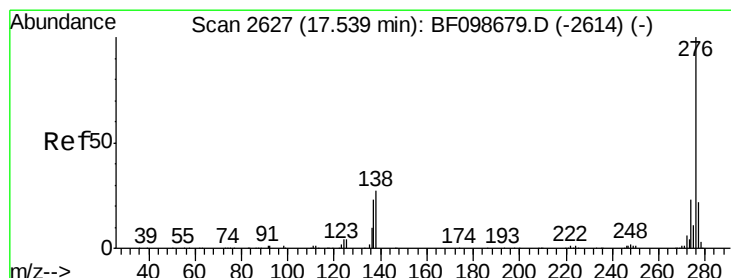
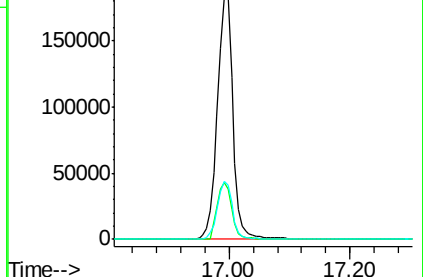
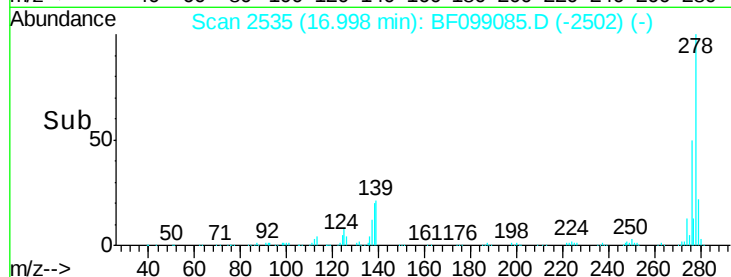
Ion	Ratio	Lower	Upper
278	100		
139	20.5	15.9	23.9
279	22.5	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 35.61 ng

RT: 17.43 min Scan# 2609

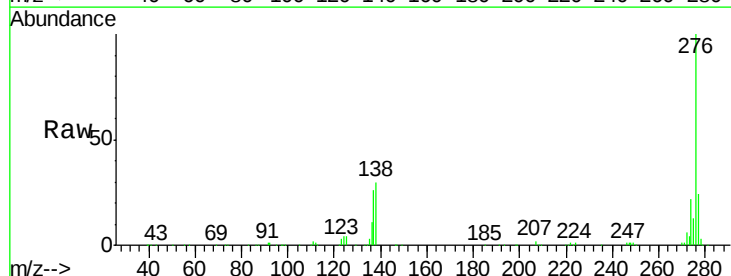
Delta R.T. -0.11 min

Lab File: BF099085.D

Acq: 4 Oct 2017 23:48

Tgt Ion:276 Resp: 337896

Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	29.6	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

