

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101517\
 Data File : BF099506.D
 Acq On : 15 Oct 2017 11:33
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 01:02:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140115	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	574104	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	262147	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	473490	20.00	ng	0.00
75) Chrysene-d12	14.02	240	365469	20.00	ng	0.00
86) Perylene-d12	15.49	264	333434	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	705041	80.10	ng	0.00
7) Phenol-d6	6.49	99	857837	79.01	ng	0.00
23) Nitrobenzene-d5	7.42	82	714074	79.77	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	181564	84.64	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1274905	81.19	ng	0.00
78) Terphenyl-d14	12.96	244	1266275	78.80	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.60	88	164501	39.13	ng	94
3) Pyridine	3.38	79	436254	38.36	ng	93
4) n-Nitrosodimethylamine	3.35	42	164996	34.21	ng	86
6) Aniline	6.52	93	563196	38.43	ng	99
8) 2-Chlorophenol	6.63	128	399454	40.08	ng	96
9) Benzaldehyde	6.40	77	209444	33.25	ng	94
10) Phenol	6.50	94	497550	40.97	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	372803	39.49	ng	97
12) 1,3-Dichlorobenzene	6.79	146	427793	40.98	ng	98
13) 1,4-Dichlorobenzene	6.86	146	429966	40.48	ng	99
14) 1,2-Dichlorobenzene	7.02	146	391815	39.93	ng	99
15) Benzyl Alcohol	6.99	79	268214	33.67	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	505477	34.37	ng	92
17) 2-Methylphenol	7.10	107	321540	39.42	ng	98
18) Hexachloroethane	7.35	117	151892	39.79	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	236476	34.11	ng	90
20) 3+4-Methylphenols	7.26	107	362397	35.12	ng	# 78
22) Acetophenone	7.26	105	501770	36.07	ng	# 99
24) Nitrobenzene	7.43	77	398575	39.25	ng	98
25) Isophorone	7.67	82	726955	39.28	ng	98
26) 2-Nitrophenol	7.75	139	226629	46.41	ng	# 86
27) 2,4-Dimethylphenol	7.79	122	346286	37.55	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	462756	40.12	ng	100
29) 2,4-Dichlorophenol	7.99	162	331655	41.89	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	331453	41.85	ng	99
31) Naphthalene	8.15	128	1075027	39.87	ng	99
32) Benzoic acid	7.95	122	278586	36.78	ng	97
33) 4-Chloroaniline	8.20	127	444058	39.44	ng	97
34) Hexachlorobutadiene	8.26	225	169689	41.60	ng	99
35) Caprolactam	8.59	113	60199	23.70	ng	90
36) 4-Chloro-3-methylphenol	8.69	107	355186	39.91	ng	94
37) 2-Methylnaphthalene	8.84	142	704156	40.17	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	323237	41.35	ng	99
40) Hexachlorocyclopentadiene	8.99	237	157440	44.07	ng	97

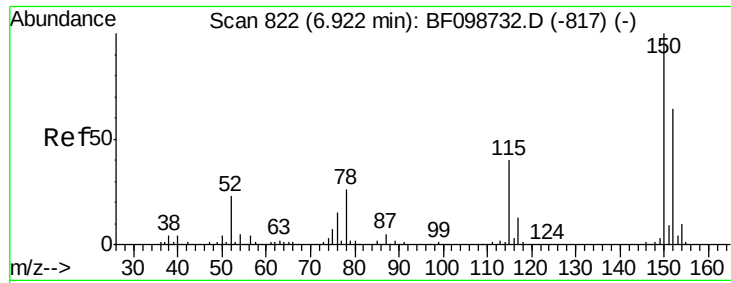
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101517\
 Data File : BF099506.D
 Acq On : 15 Oct 2017 11:33
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 01:02:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	217532	39.28	nq	100
43) 2,4,5-Trichlorophenol	9.17	196	221601	40.08	nq	95
45) 1,1'-Biphenyl	9.30	154	907068	40.26	nq	100
46) 2-Chloronaphthalene	9.33	162	684837	40.48	nq	98
47) 2-Nitroaniline	9.43	65	204031	39.39	nq	94
48) Acenaphthylene	9.75	152	1005875	38.84	nq	99
49) Dimethylphthalate	9.61	163	840275	42.47	nq	99
50) 2,6-Dinitrotoluene	9.68	165	188668	43.80	nq	# 80
51) Acenaphthene	9.92	154	607647	37.04	nq	99
52) 3-Nitroaniline	9.85	138	217735	43.35	nq	92
53) 2,4-Dinitrophenol	9.96	184	80308	39.03	nq	# 87
54) Dibenzofuran	10.09	168	839130	38.42	nq	100
55) 4-Nitrophenol	10.02	139	192816	45.40	nq	86
56) 2,4-Dinitrotoluene	10.09	165	227078	40.62	nq	96
57) Fluorene	10.44	166	714896	40.72	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	151733	39.73	nq	98
59) Diethylphthalate	10.30	149	787167	40.72	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	325245	41.25	nq	98
61) 4-Nitroaniline	10.47	138	222094	45.84	nq	88
62) Azobenzene	10.59	77	675896	38.02	nq	92
64) 4,6-Dinitro-2-methylphenol	10.50	198	138288	48.00	nq	85
65) n-Nitrosodiphenylamine	10.55	169	658493	40.14	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	191997	41.43	nq	90
67) Hexachlorobenzene	10.99	284	204305	41.27	nq	# 91
68) Atrazine	11.07	200	201916	40.91	nq	99
69) Pentachlorophenol	11.18	266	150670	48.91	nq	98
70) Phenanthrene	11.40	178	1010997	39.89	nq	99
71) Anthracene	11.45	178	1041185	40.15	nq	100
72) Carbazole	11.61	167	1028109	40.48	nq	99
73) Di-n-butylphthalate	11.93	149	1254682	41.05	nq	99
74) Fluoranthene	12.59	202	1058537	41.25	nq	99
76) Benzidine	12.71	184	535335	39.60	nq	98
77) Pyrene	12.82	202	1088189	39.05	nq	99
79) Butylbenzylphthalate	13.43	149	554801	42.36	nq	89
80) Benzo(a)anthracene	14.01	228	913803	41.29	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	335224	41.32	nq	98
82) Chrysene	14.05	228	873883	41.48	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	712372	39.50	nq	99
84) Di-n-octyl phthalate	14.59	149	1279844	44.07	nq	96
85) Indeno(1,2,3-cd)pyrene	16.98	276	731936	43.43	nq	97
87) Benzo(b)fluoranthene	15.09	252	781381	38.11	nq	98
88) Benzo(k)fluoranthene	15.09	252	781381	38.59	nq	99
89) Benzo(a)pyrene	15.43	252	761686	40.48	nq	# 95
90) Dibenzo(a,h)anthracene	16.99	278	591562	39.28	nq	97
91) Benzo(g,h,i)perylene	17.43	276	604317	40.59	nq	94

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

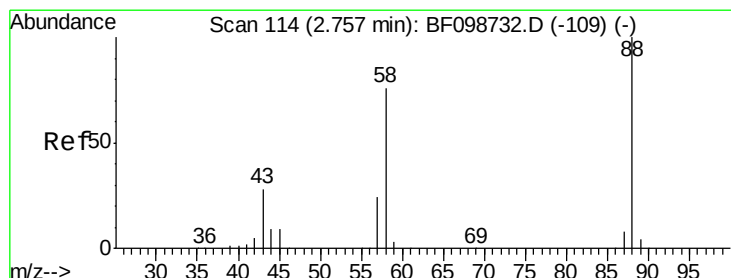
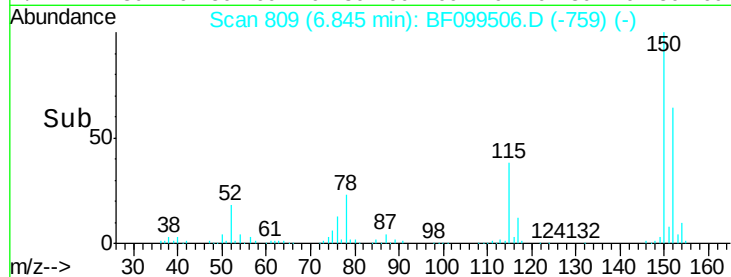
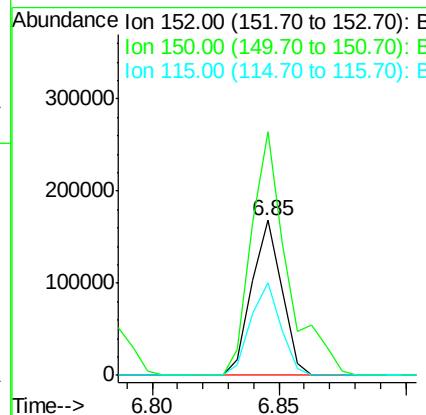
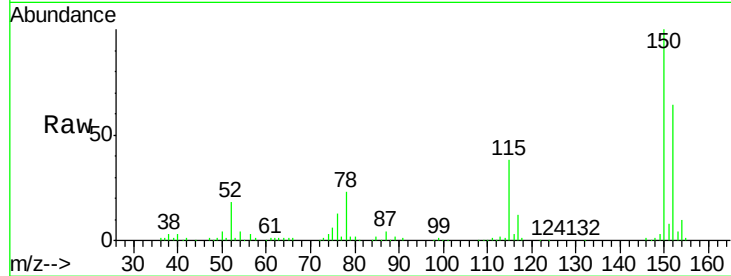


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Instrument :
BNA_F
ClientSampleId :

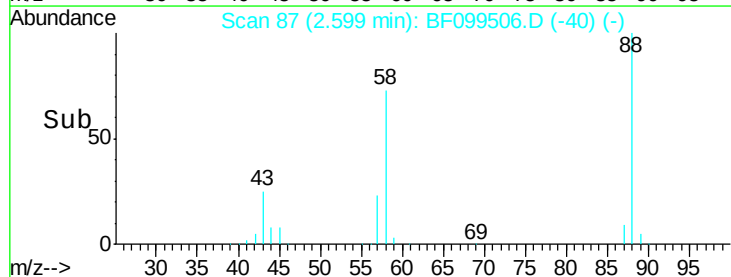
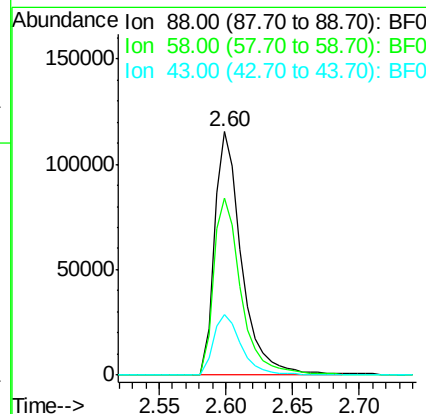
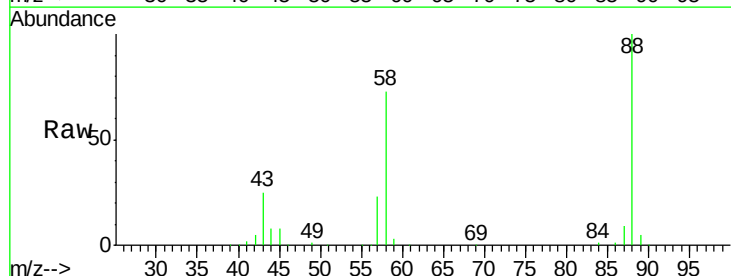
Tot Ion:152 Resp: 140115
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 59.8 50.1 75.1

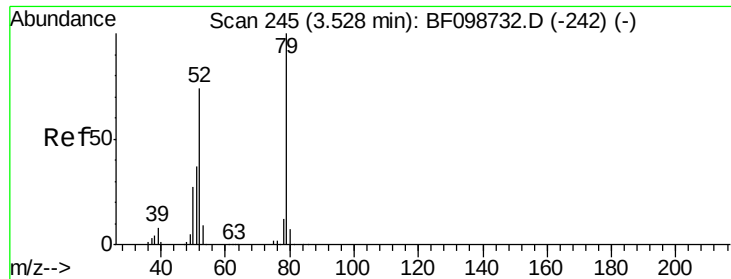


#2

1,4-Dioxane
Concen: 39.13 ng
RT: 2.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Tgt Ion: 88 Resp: 164501
Ion Ratio Lower Upper
88 100
58 73.7 62.6 93.8
43 25.8 24.6 37.0





#3

Pvridine

Concen: 38.36 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.02 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

Instrument :

BNA_F

ClientSampleId :

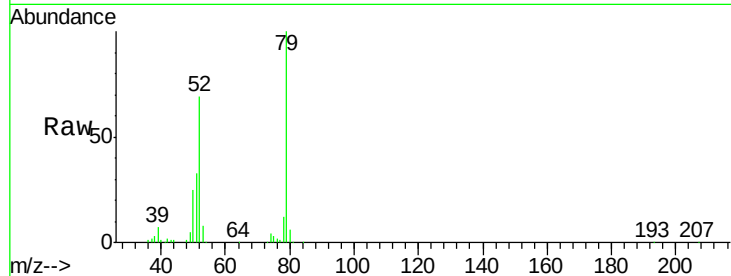
Tot Ion: 79 Resp: 436254

Ion Ratio Lower Upper

79 100

52 69.2 59.8 89.6

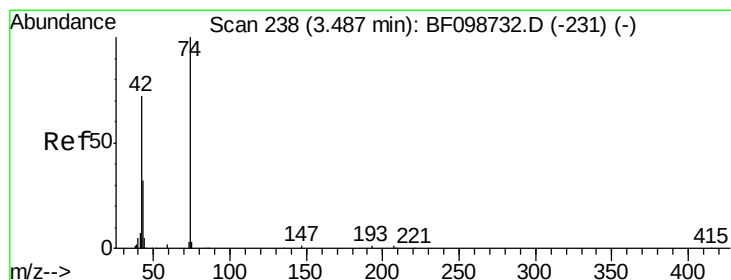
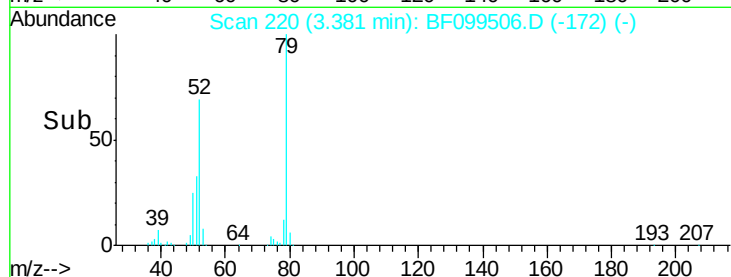
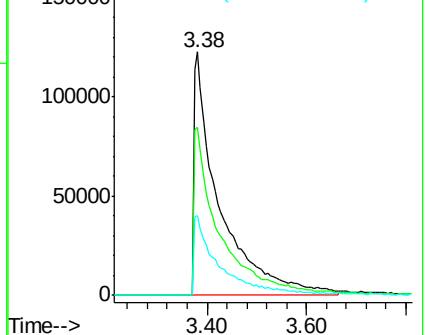
51 33.0 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.21 ng

RT: 3.35 min Scan# 214

Delta R.T. -0.01 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

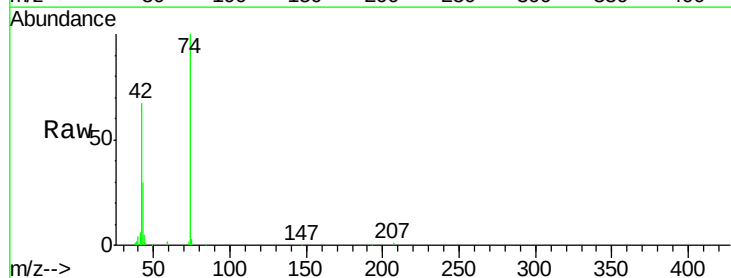
Tgt Ion: 42 Resp: 164996

Ion Ratio Lower Upper

42 100

74 148.9 104.9 157.3

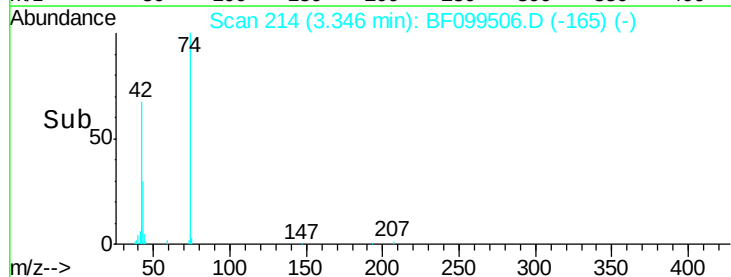
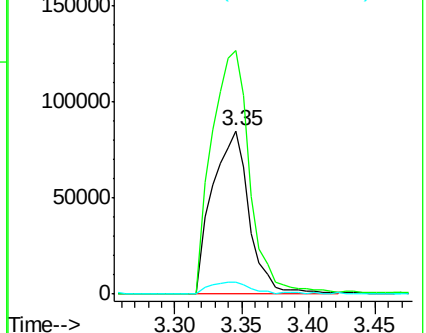
44 7.5 6.9 10.3

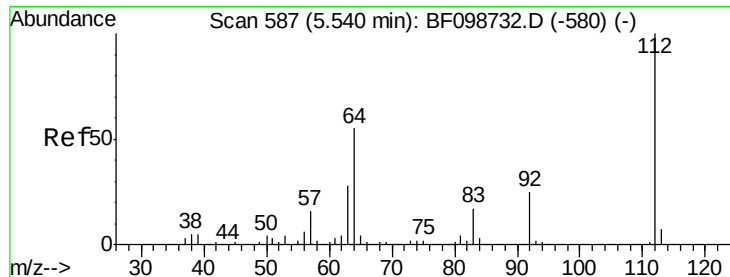


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.10 ng

RT: 5.46 min Scan# 574

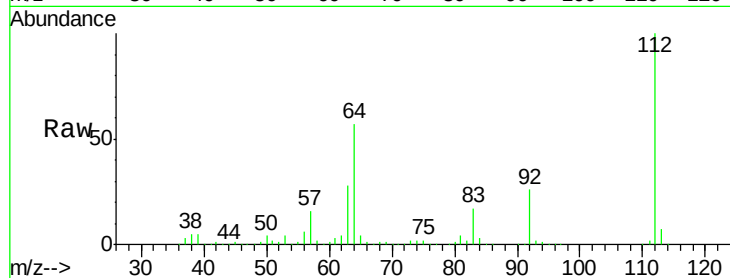
Delta R.T. -0.01 min

Lab File: BF099506.D

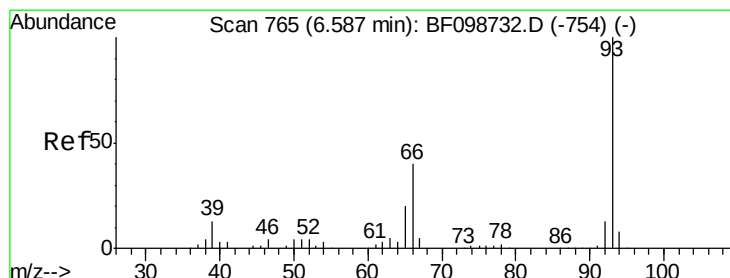
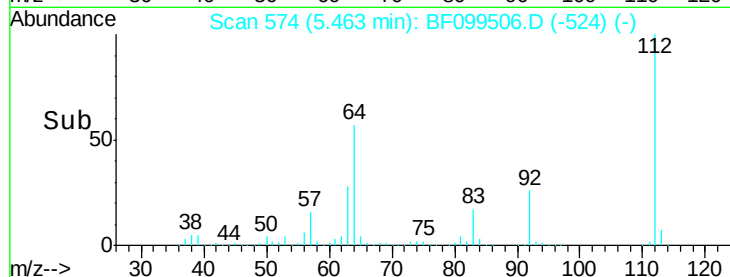
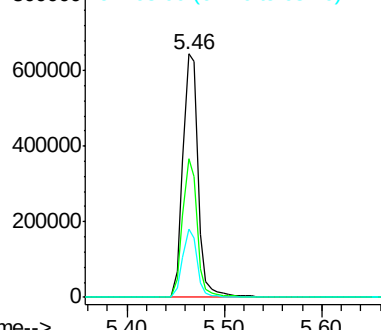
Acq: 15 Oct 2017 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	705041
Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.9	71.9
63	28.2	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 38.43 ng

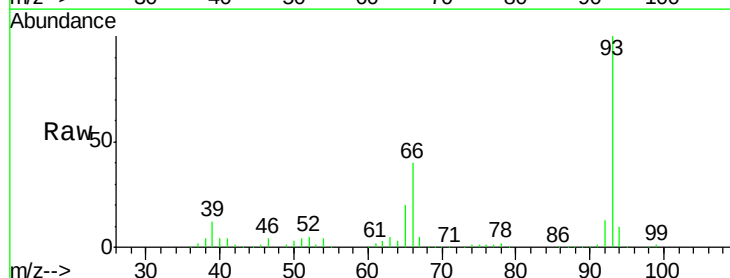
RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

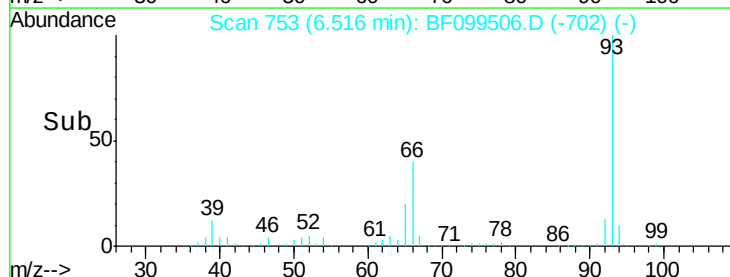
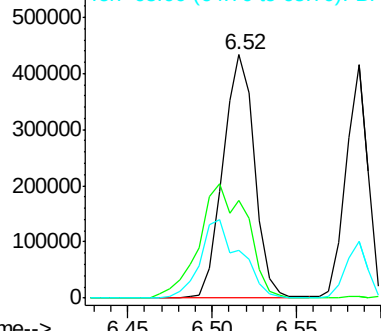
Lab File: BF099506.D

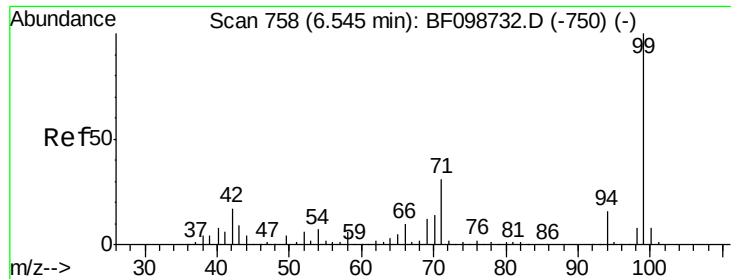
Acq: 15 Oct 2017 11:33

Tgt Ion:	93	Resp:	563196
Ion	Ratio	Lower	Upper
93	100		
66	40.2	32.2	48.2
65	19.5	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 79.01 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

Instrument :

BNA_F

ClientSampleId :

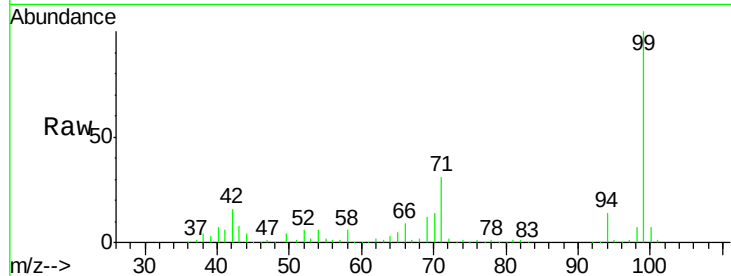
Tot Ion: 99 Resp: 857837

Ion Ratio Lower Upper

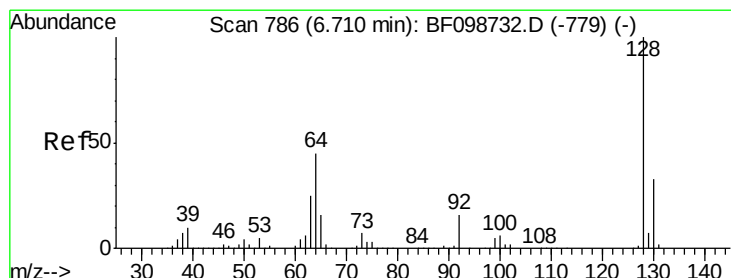
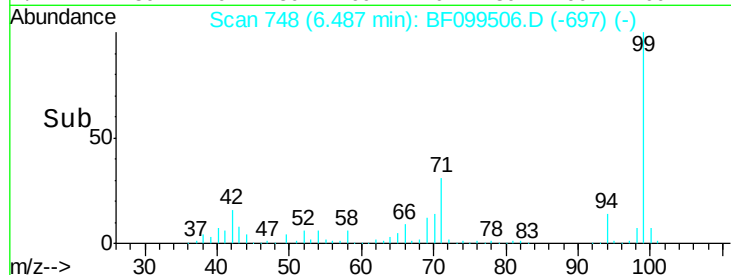
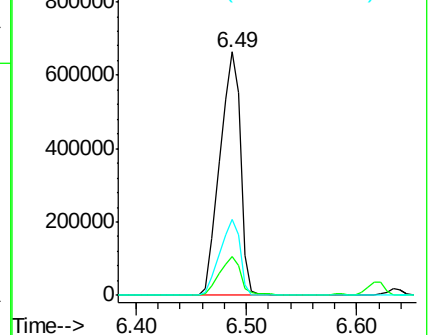
99 100

42 15.8 14.5 21.7

71 31.0 25.4 38.0



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



#8

2-Chlorophenol

Concen: 40.08 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

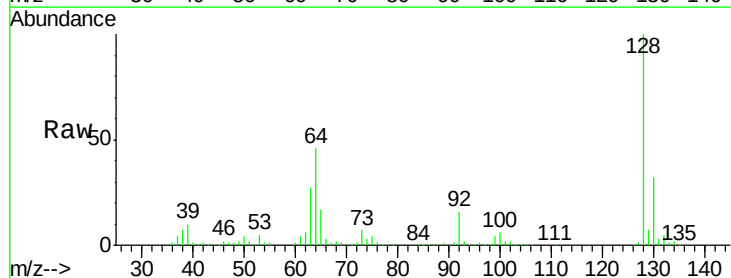
Tgt Ion: 128 Resp: 399454

Ion Ratio Lower Upper

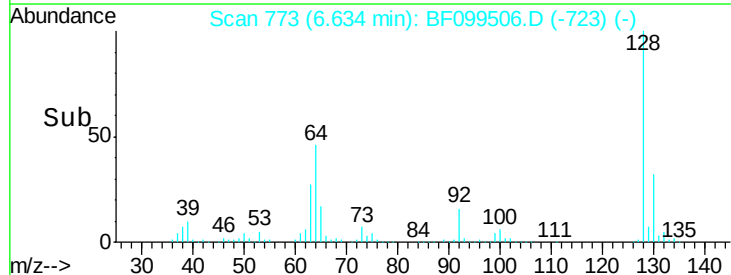
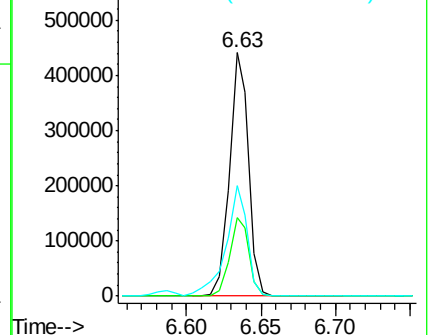
128 100

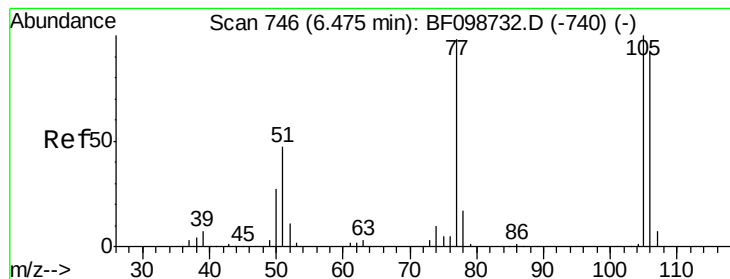
130 32.1 13.0 53.0

64 45.6 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: 33.25 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

Instrument :

BNA_F

ClientSampled :

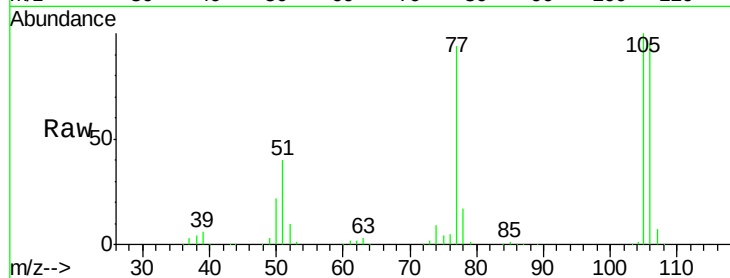
Tot Ion: 77 Resp: 209444

Ion Ratio Lower Upper

77 100

105 106.7 81.1 121.1

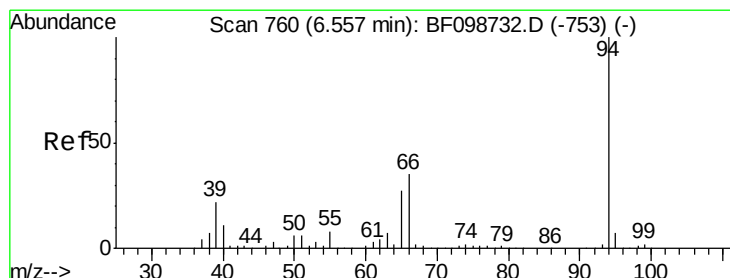
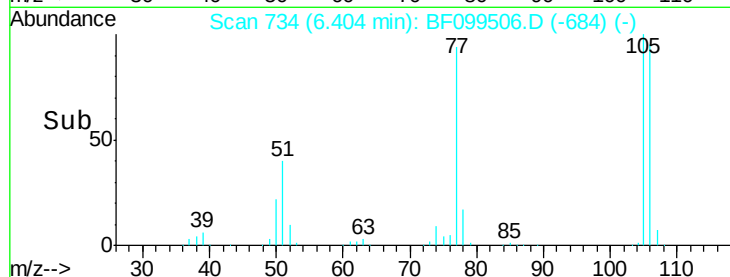
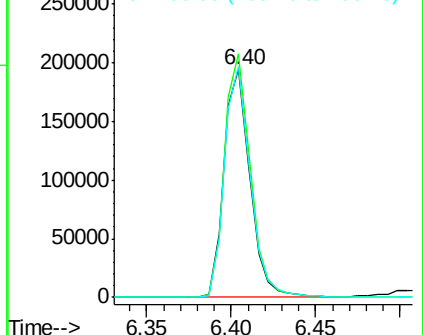
106 101.3 74.5 114.5



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: 40.97 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

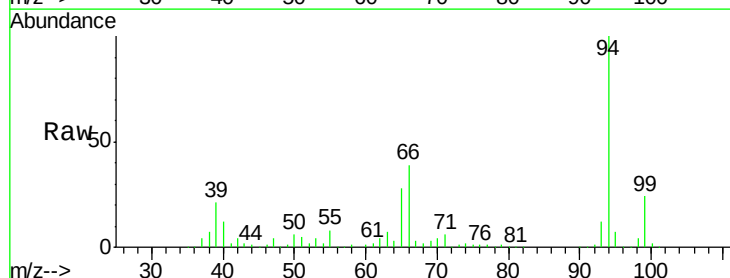
Tgt Ion: 94 Resp: 497550

Ion Ratio Lower Upper

94 100

65 28.5 7.9 47.9

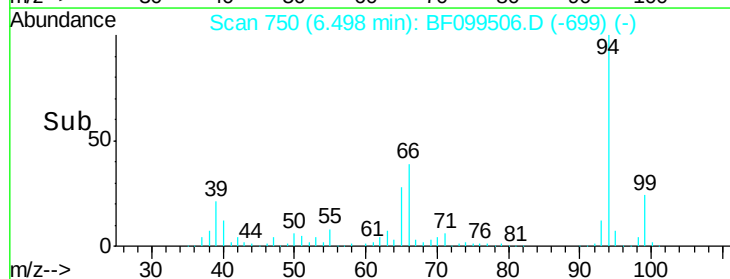
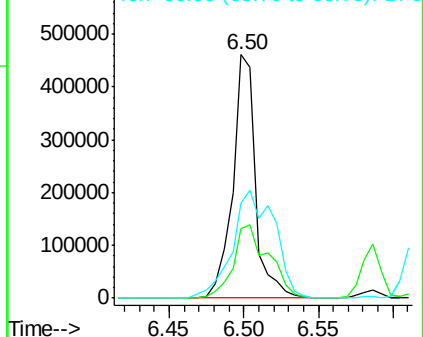
66 39.1 16.2 56.2

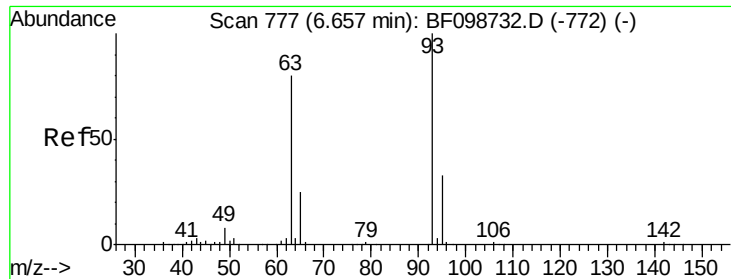


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

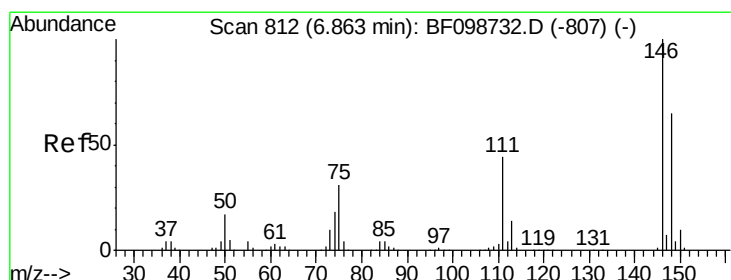
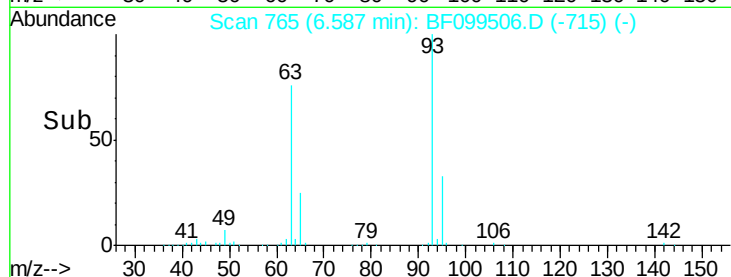
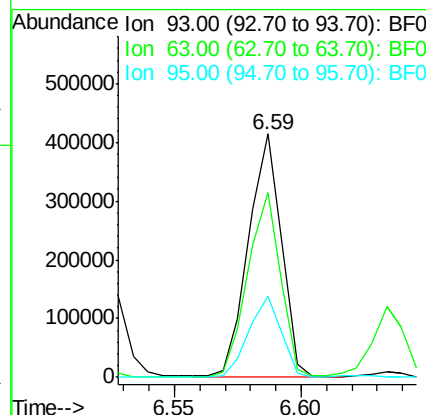
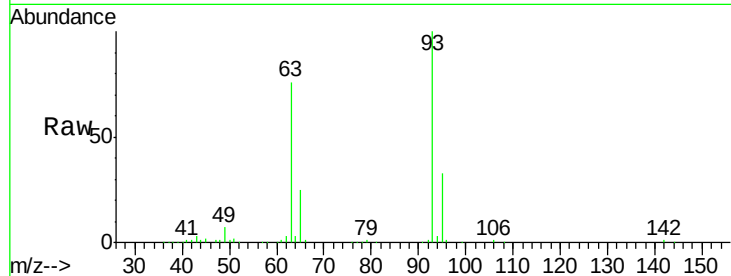




#11
 bis(2-Chloroethyl)ether
 Concen: 39.49 ng
 RT: 6.59 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF099506.D
 Acq: 15 Oct 2017 11:33

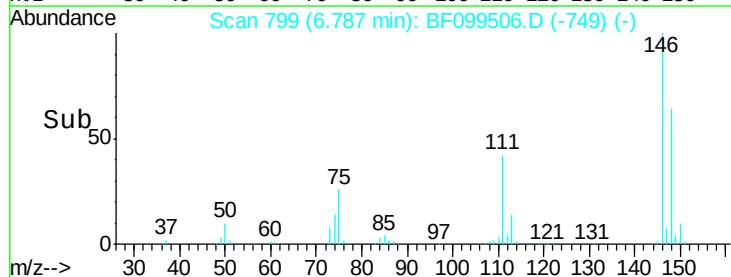
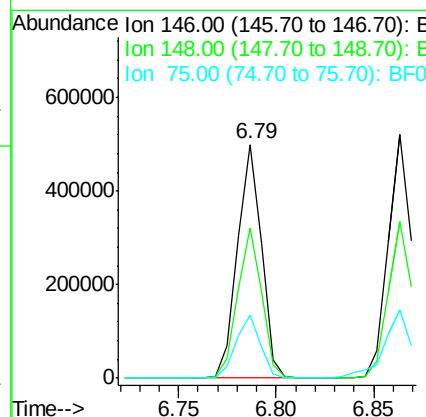
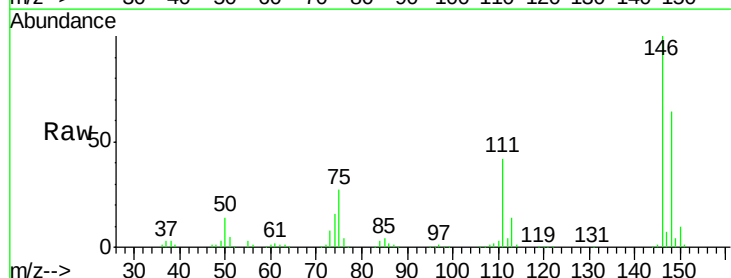
Instrument :
 BNA_F
 ClientSampleId :

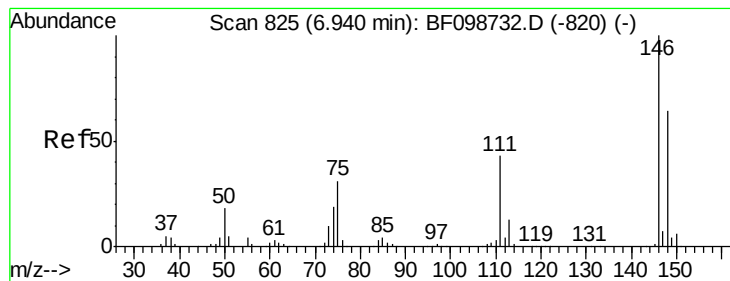
Tot Ion: 93 Resp: 372803
 Ion Ratio Lower Upper
 93 100
 63 76.0 58.6 98.6
 95 33.3 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 40.98 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099506.D
 Acq: 15 Oct 2017 11:33

Tgt Ion: 146 Resp: 427793
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.8 77.8
 75 27.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.48 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

Instrument :

BNA_F

ClientSampleId :

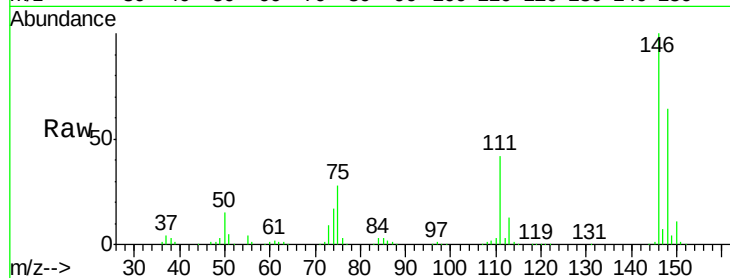
Tot Ion:146 Resp: 429966

Ion Ratio Lower Upper

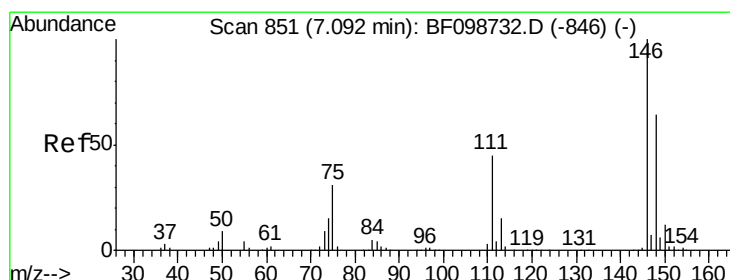
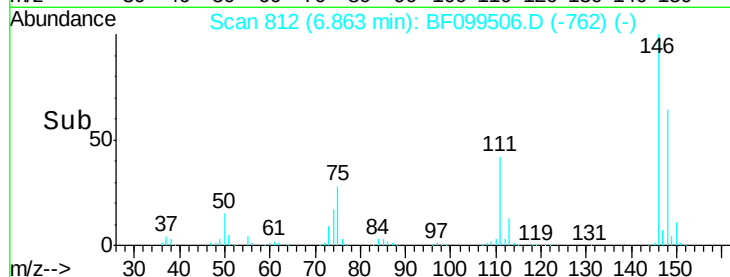
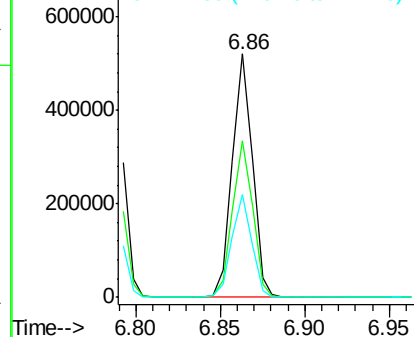
146 100

148 64.1 50.8 76.2

111 42.2 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 39.93 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

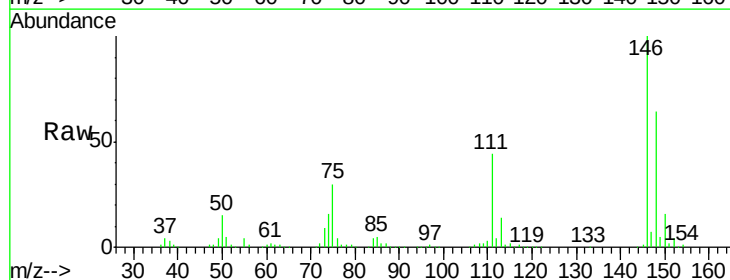
Tgt Ion:146 Resp: 391815

Ion Ratio Lower Upper

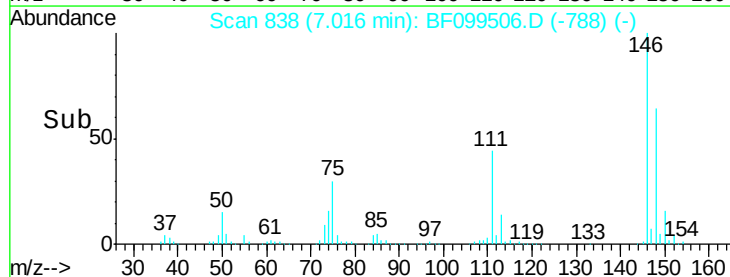
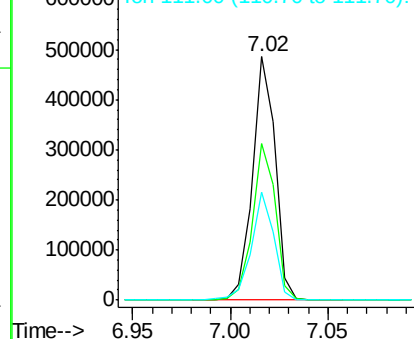
146 100

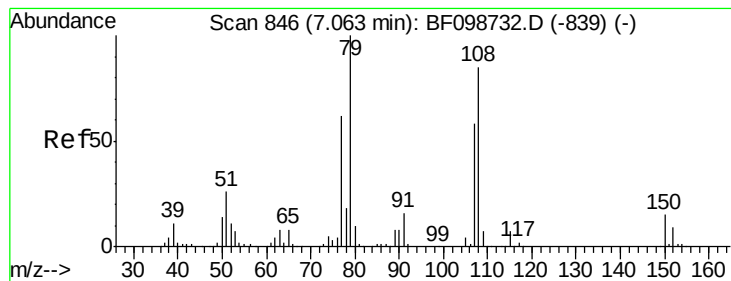
148 64.1 50.6 75.8

111 44.2 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: 33.67 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

Instrument :

BNA_F

ClientSampled :

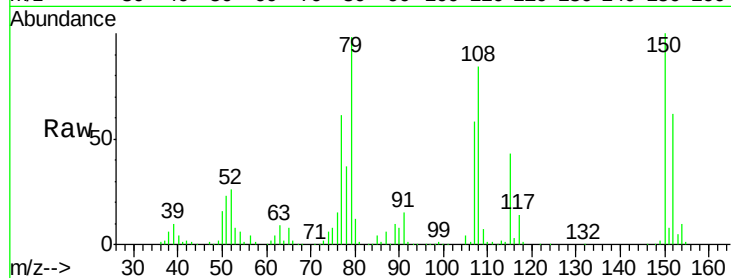
Tot Ion: 79 Resp: 268214

Ion Ratio Lower Upper

79 100

108 86.0 65.1 97.7

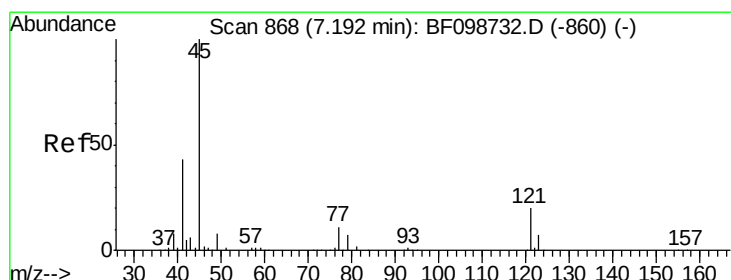
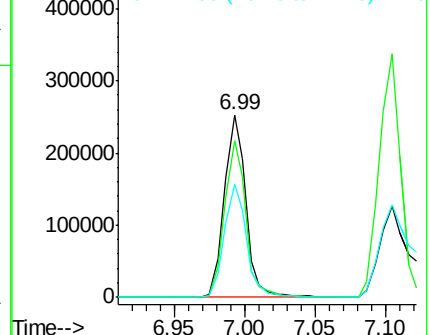
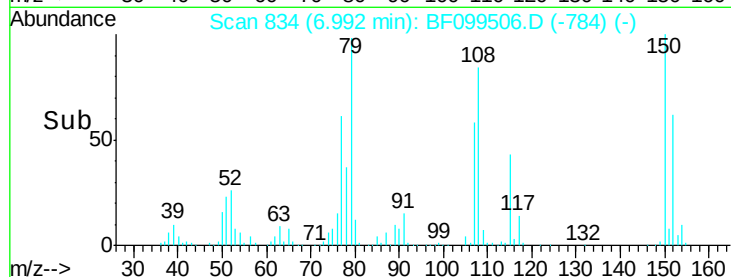
77 61.9 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.37 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

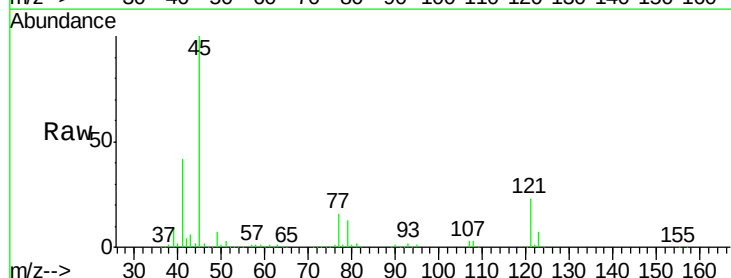
Tgt Ion: 45 Resp: 505477

Ion Ratio Lower Upper

45 100

77 16.1 0.0 32.9

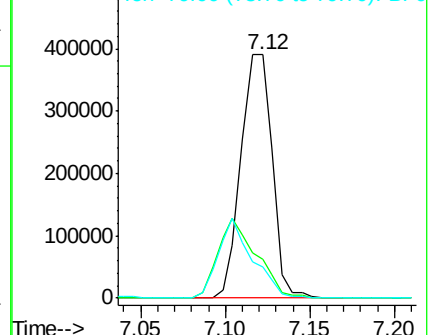
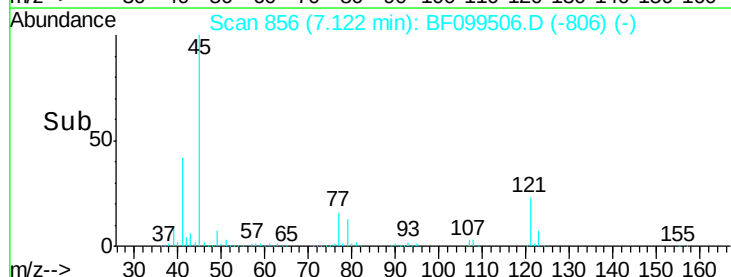
79 12.7 0.0 29.6

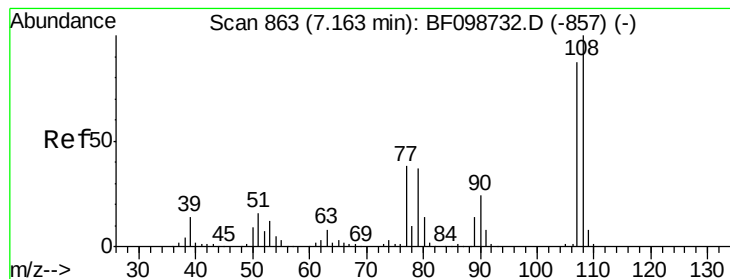


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.42 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 321540

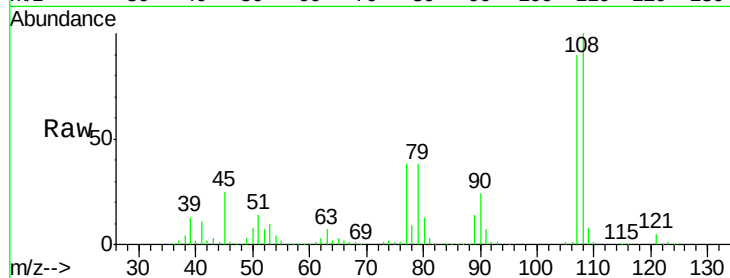
Ion Ratio Lower Upper

107 100

108 111.5 91.7 137.5

77 42.5 33.8 50.8

79 42.1 33.8 50.8

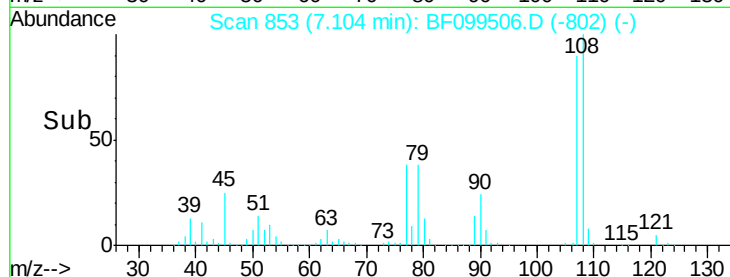


Abundance Ion 107.00 (106.70 to 107.70): E

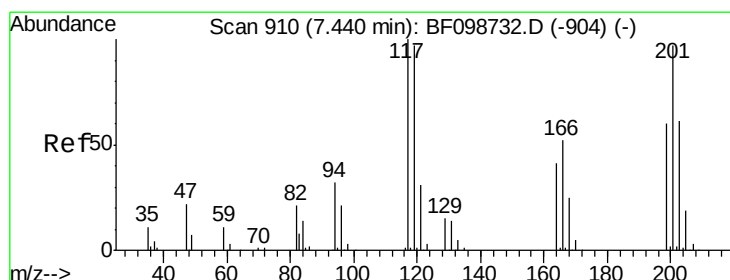
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 39.79 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

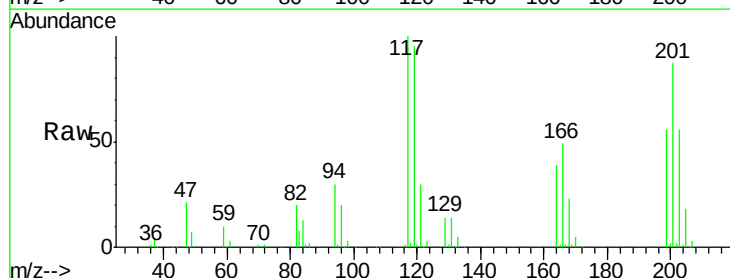
Tgt Ion:117 Resp: 151892

Ion Ratio Lower Upper

117 100

119 94.7 75.8 113.8

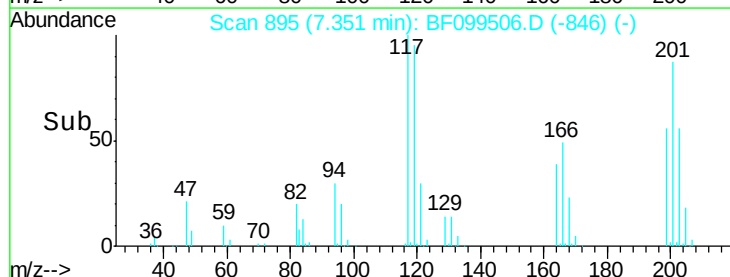
201 87.2 75.7 113.5



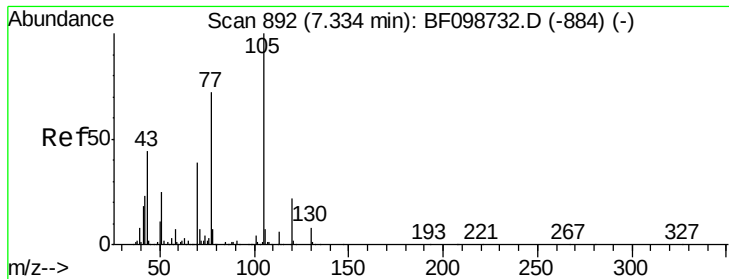
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



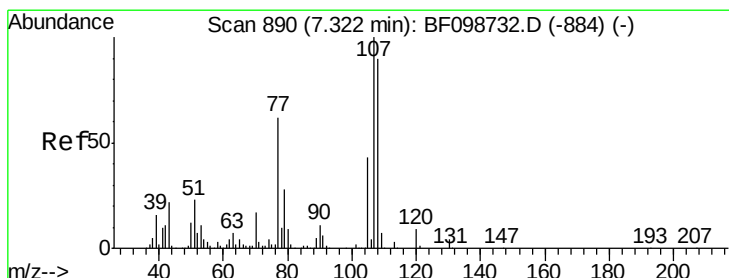
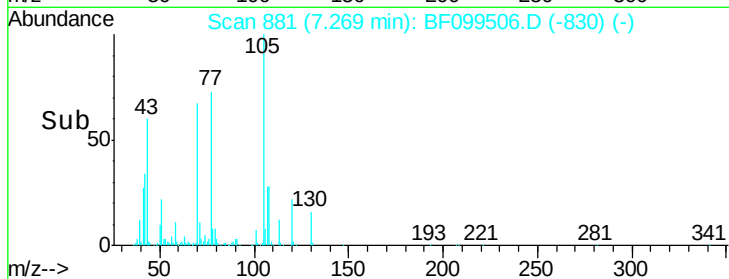
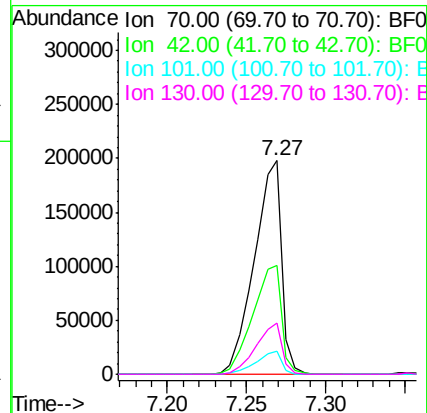
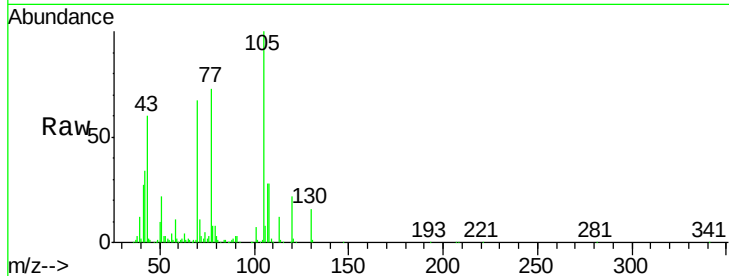
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 34.11 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

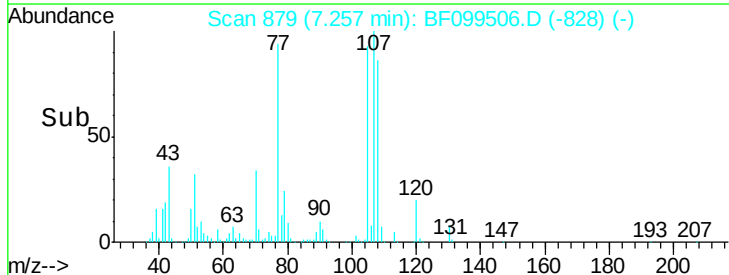
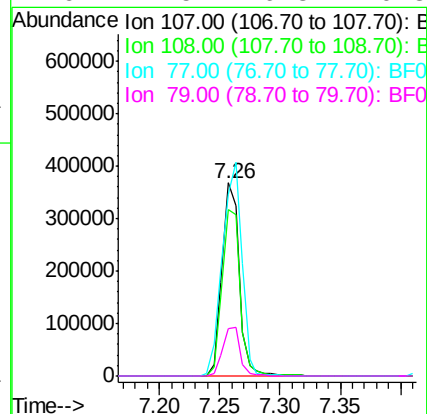
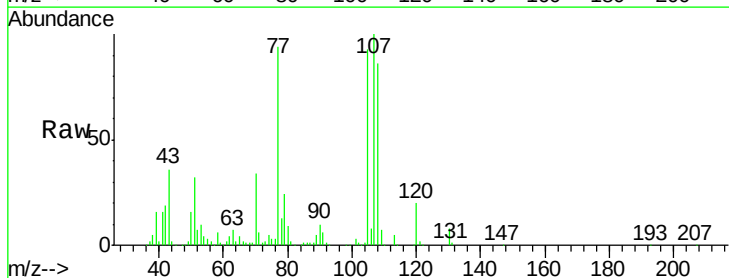
Instrument :
BNA_F
ClientSampleId :

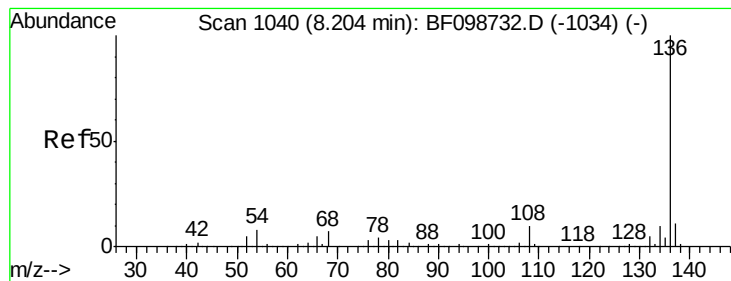
Tot Ion	Ratio	Lower	Upper
70	100		
42	50.7	47.5	71.3
101	10.7	7.4	11.2
130	24.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.12 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.4	68.2	108.2
77	94.0	26.7	66.7#
79	24.5	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 574104

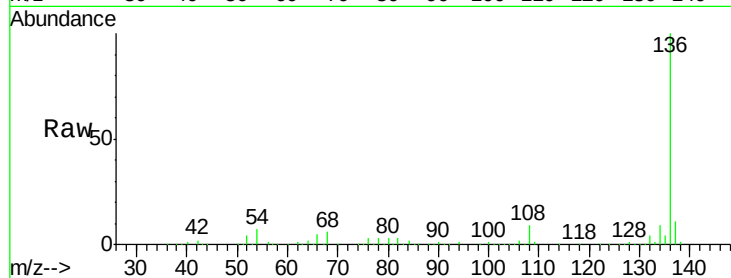
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.4 6.6 9.8

68 6.1 5.0 7.4

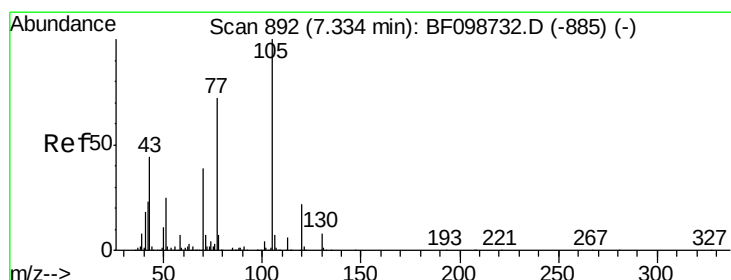
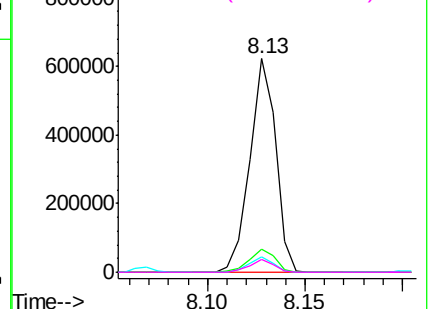
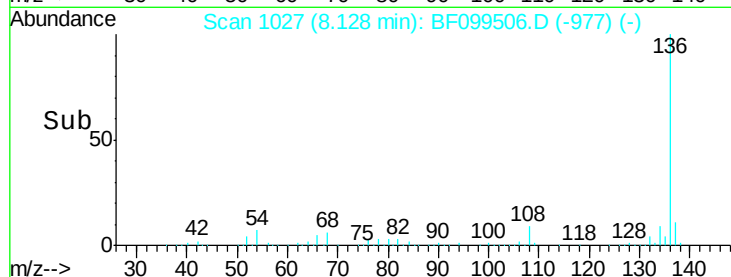


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.07 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

Tgt Ion:105 Resp: 501770

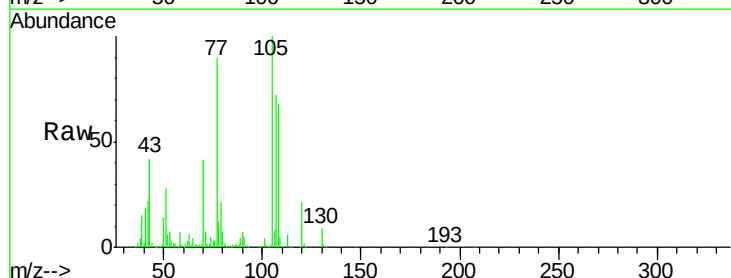
Ion Ratio Lower Upper

105 100

71 7.1 4.4 6.6#

51 28.0 22.3 33.5

120 21.5 16.9 25.3

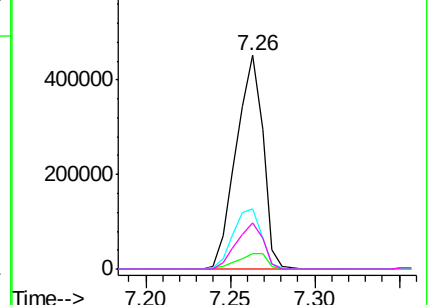
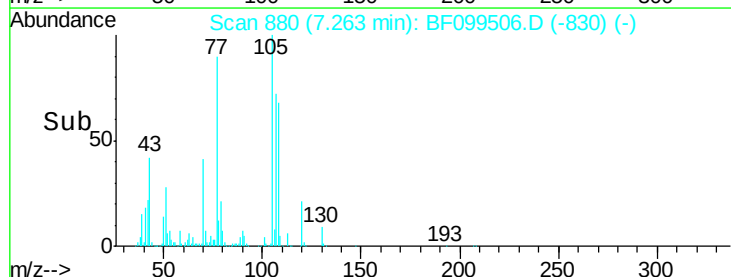


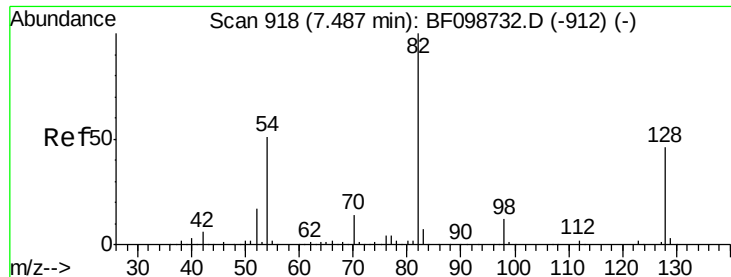
Abundance Ion 105.00 (104.70 to 105.70): E

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

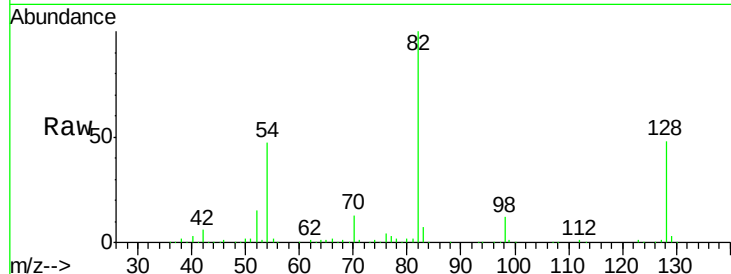




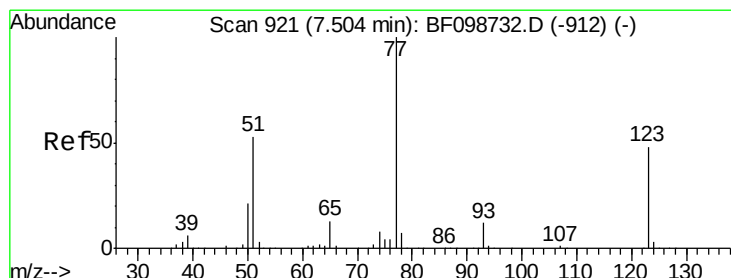
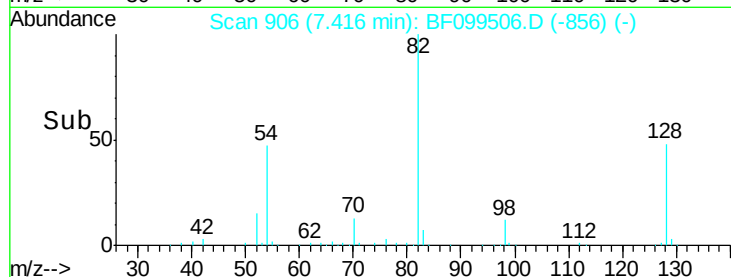
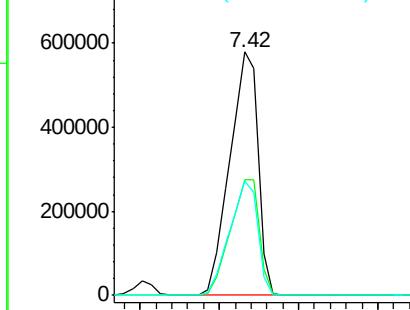
#23
Nitrobenzene-d5
Concen: 79.77 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 714074
Ion Ratio Lower Upper
82 100
128 47.6 36.1 54.1
54 46.7 41.4 62.2

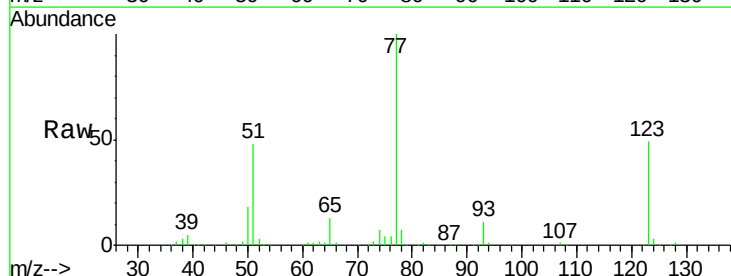


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

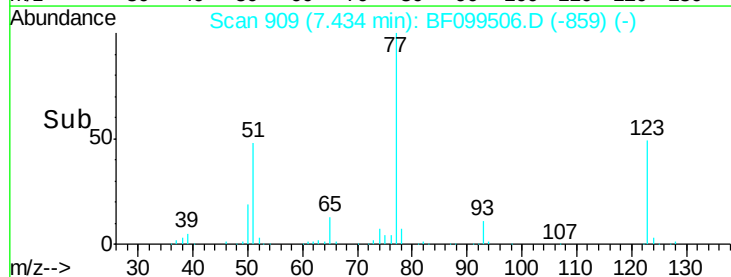
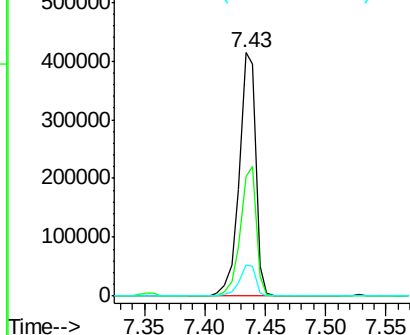


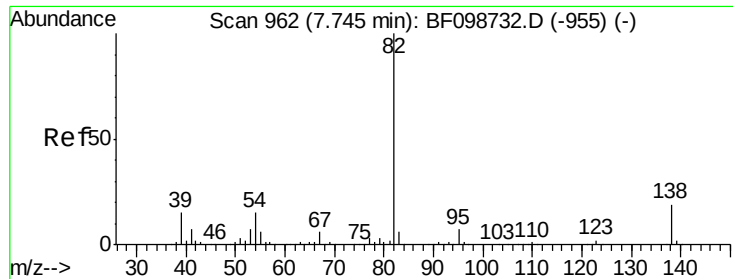
#24
Nitrobenzene
Concen: 39.25 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Tgt Ion: 77 Resp: 398575
Ion Ratio Lower Upper
77 100
123 49.0 37.9 56.9
65 13.0 11.0 16.4



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

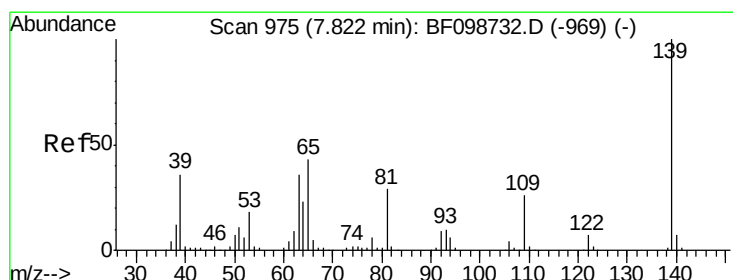
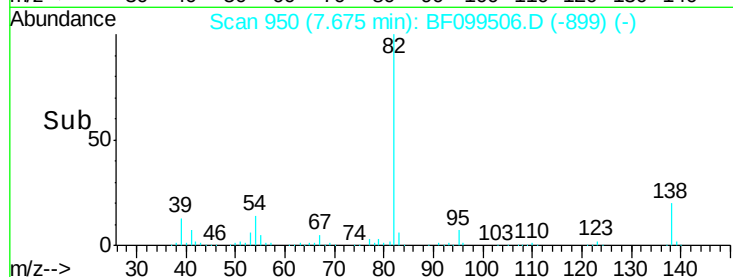
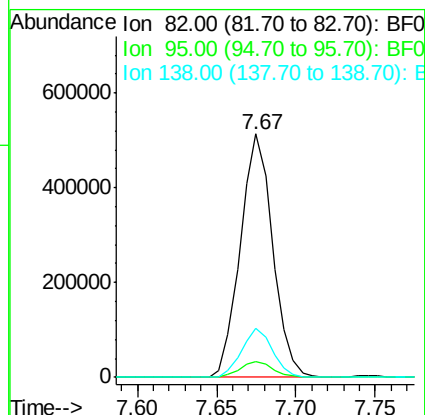
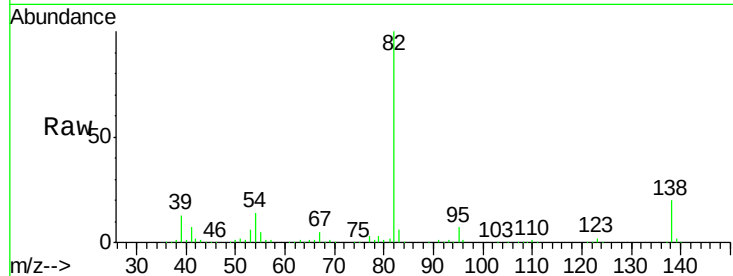




#25
Isophorone
Concen: 39.28 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

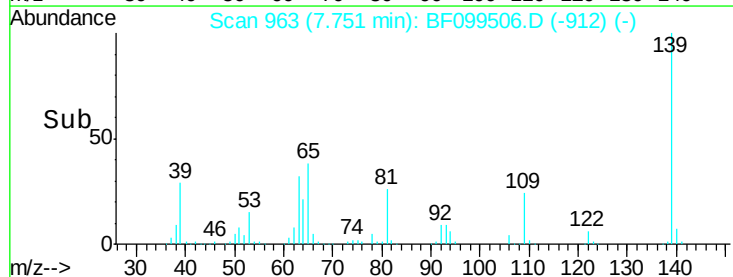
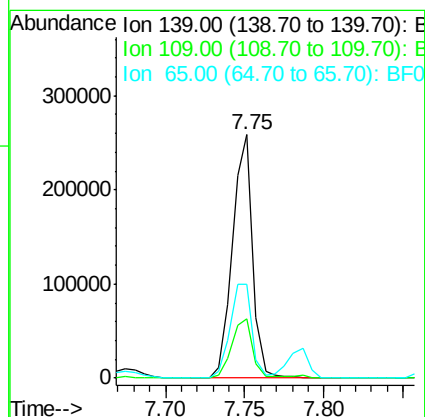
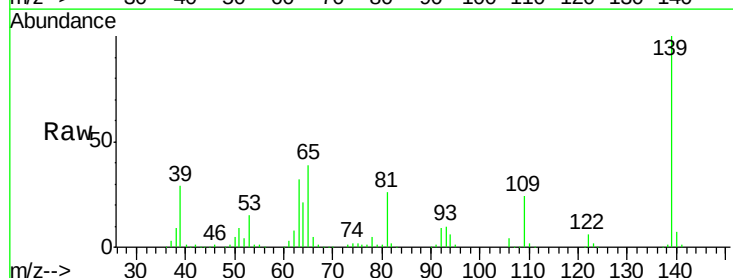
Instrument :
BNA_F
ClientSampleId :

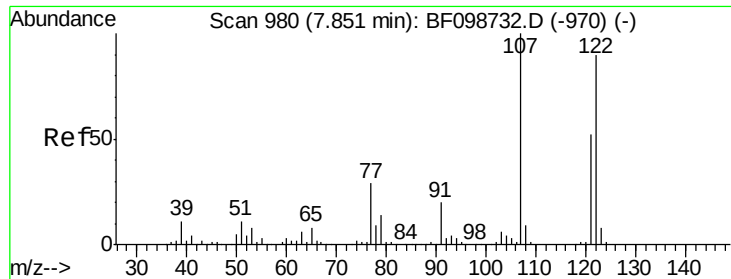
Tot Ion: 82 Resp: 726955
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 19.9 14.9 22.3



#26
2-Nitrophenol
Concen: 46.41 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Tgt Ion: 139 Resp: 226629
Ion Ratio Lower Upper
139 100
109 24.3 22.7 34.1
65 38.6 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 37.55 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

Instrument :

BNA_F

ClientSampleId :

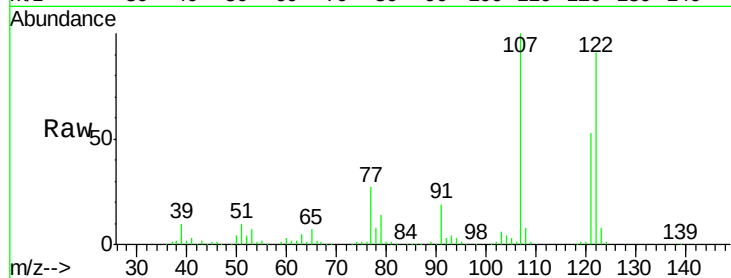
Tot Ion:122 Resp: 346286

Ion Ratio Lower Upper

122 100

107 109.5 91.2 136.8

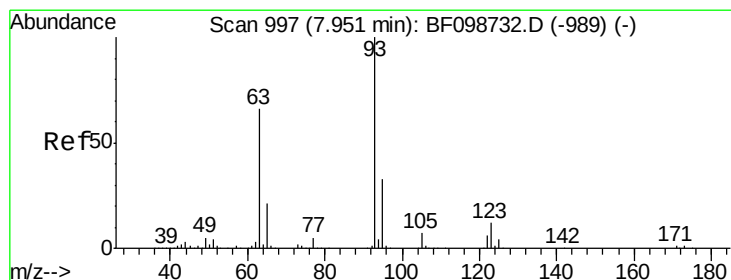
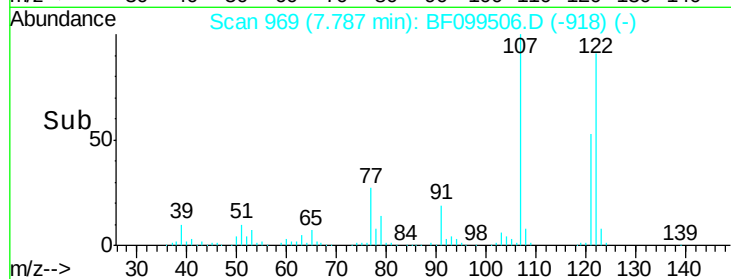
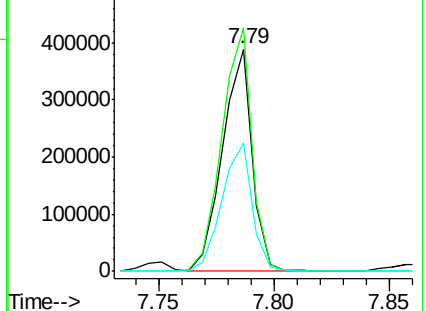
121 57.8 47.2 70.8



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: 40.12 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

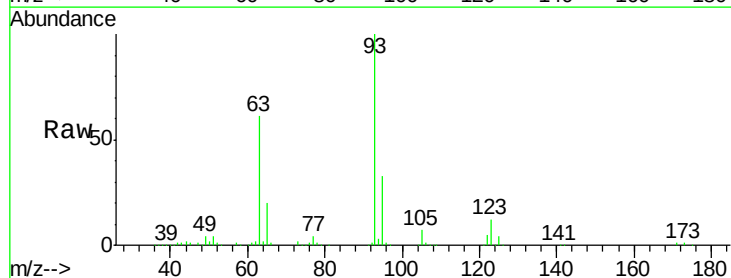
Tgt Ion: 93 Resp: 462756

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

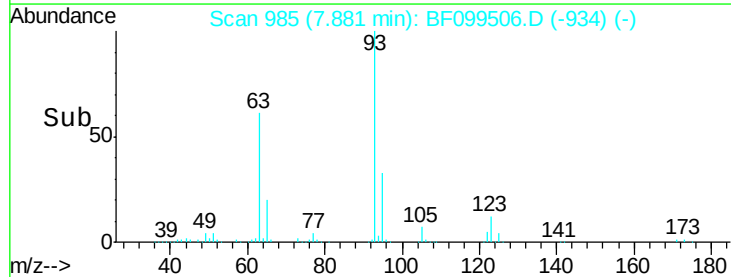
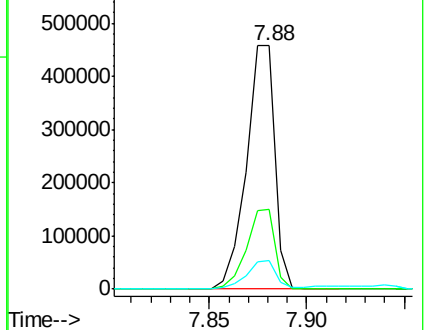
123 12.0 9.8 14.6

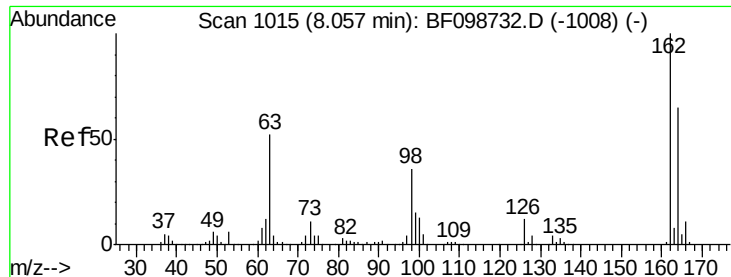


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

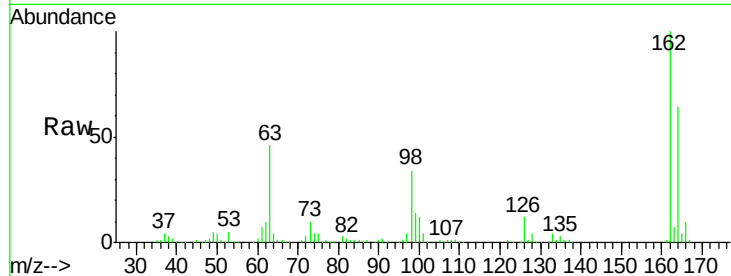




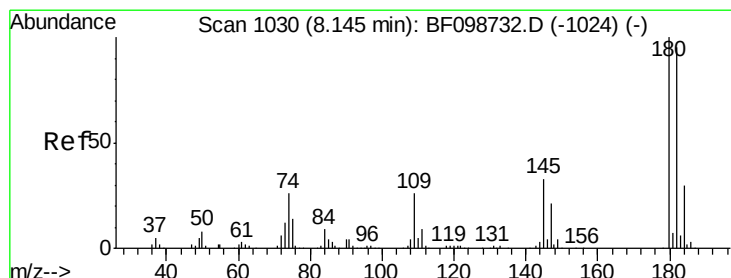
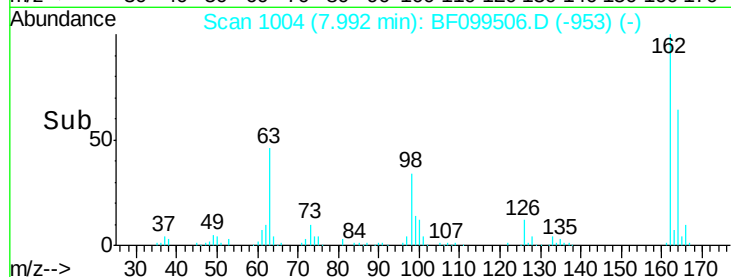
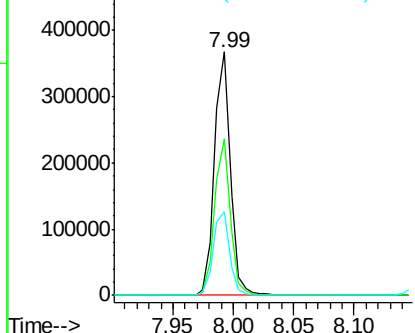
#29
 2,4-Dichlorophenol
 Concen: 41.89 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF099506.D
 Acq: 15 Oct 2017 11:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 331655
 Ion Ratio Lower Upper
 162 100
 164 64.1 42.7 82.7
 98 34.3 18.1 58.1

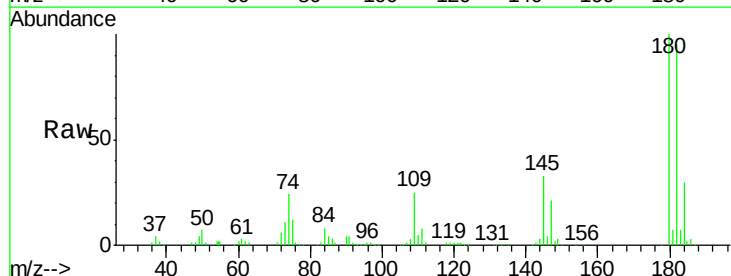


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

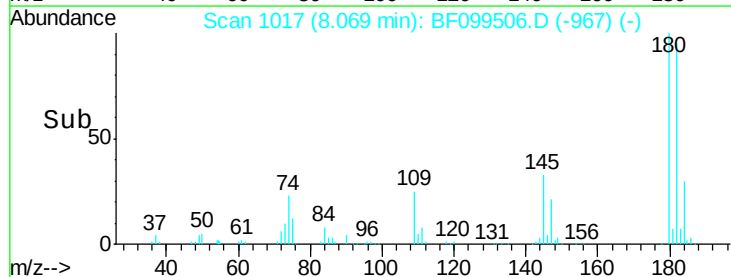
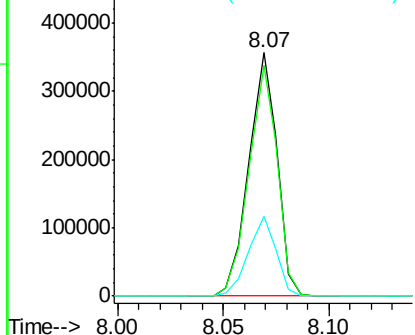


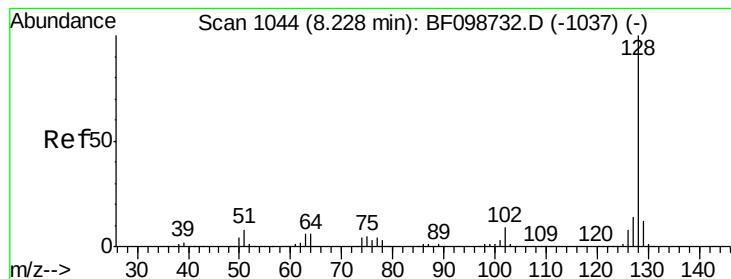
#30
 1,2,4-Trichlorobenzene
 Concen: 41.85 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF099506.D
 Acq: 15 Oct 2017 11:33

Tgt Ion:180 Resp: 331453
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.8 115.2
 145 32.5 26.5 39.7



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





#31

Naphthalene

Concen: 39.87 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

Instrument :

BNA_F

ClientSampleId :

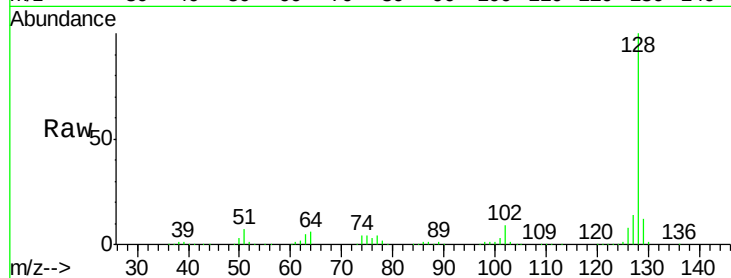
Tot Ion:128 Resp: 1075027

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

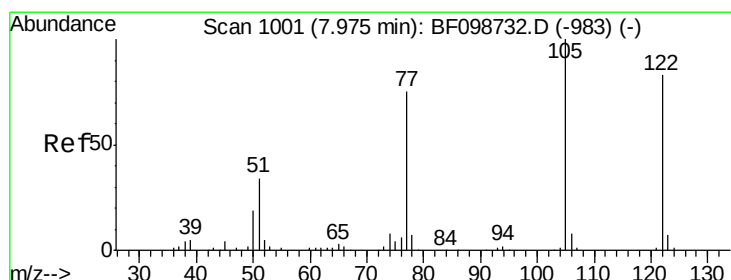
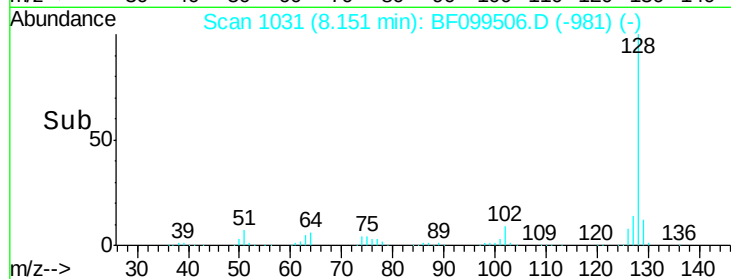
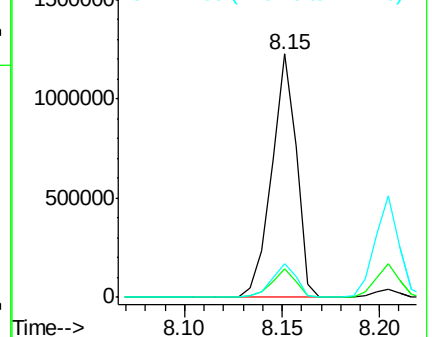
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.78 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.03 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

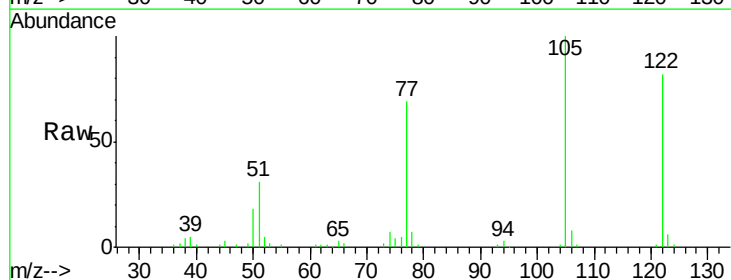
Tgt Ion:122 Resp: 278586

Ion Ratio Lower Upper

122 100

105 121.8 101.1 141.1

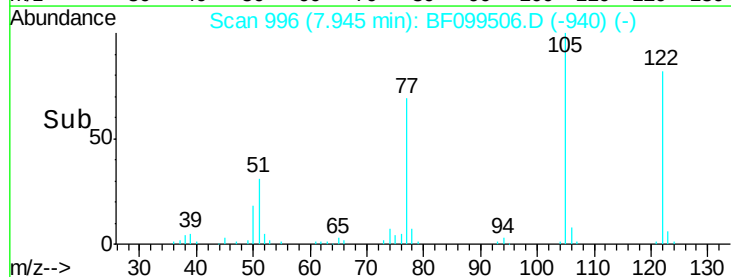
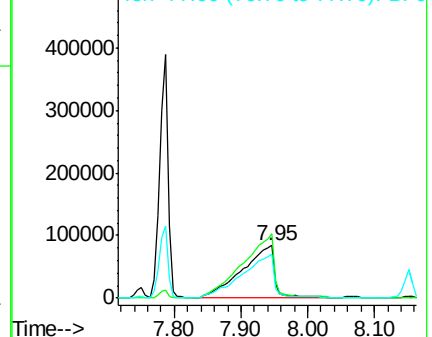
77 84.4 70.7 110.7

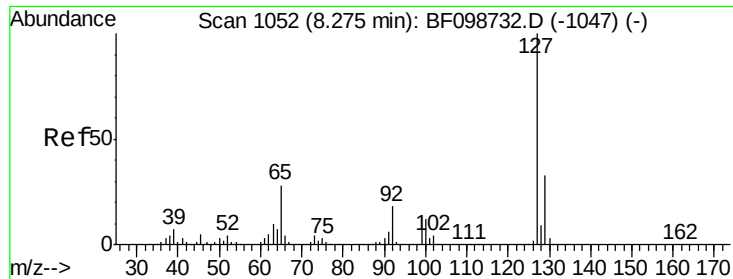


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

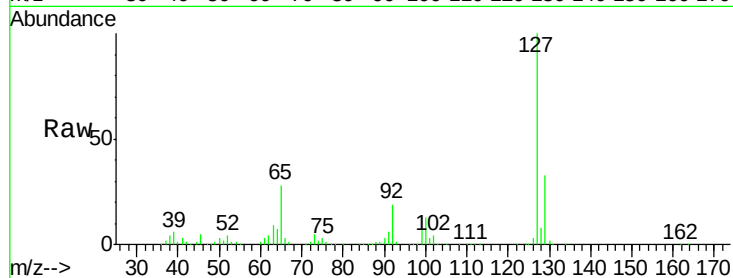




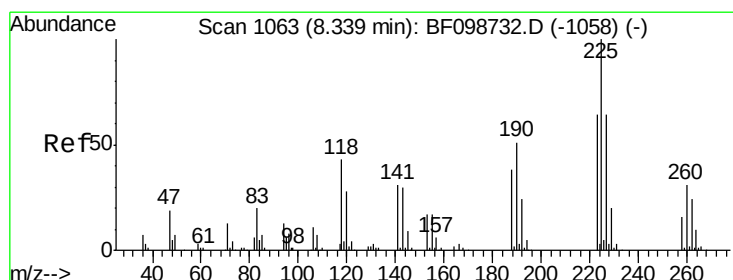
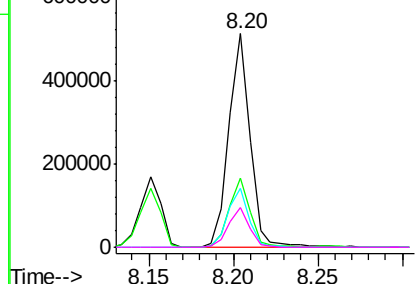
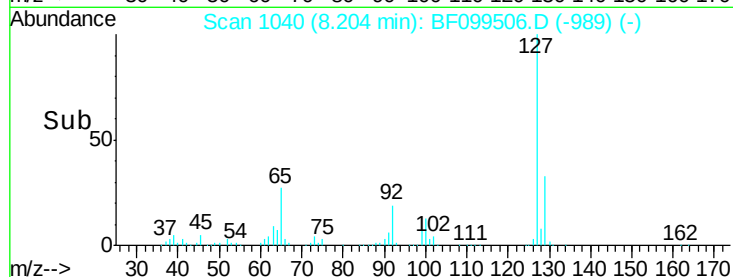
#33
4-Chloroaniline
Concen: 39.44 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	444058
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	27.6	25.0	37.4
92	18.7	15.2	22.8

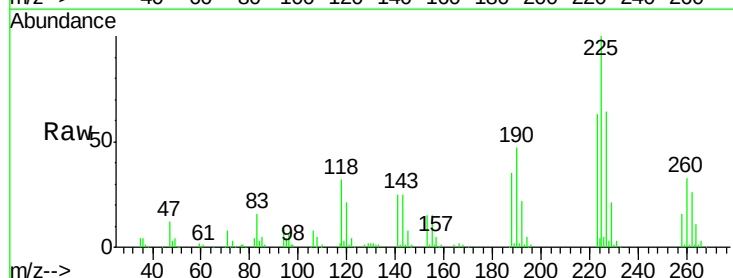


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

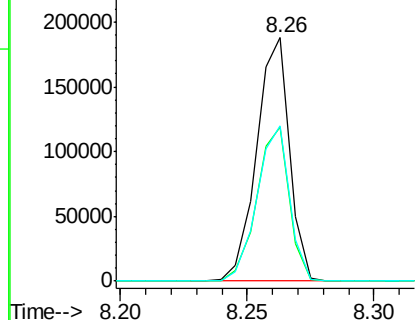
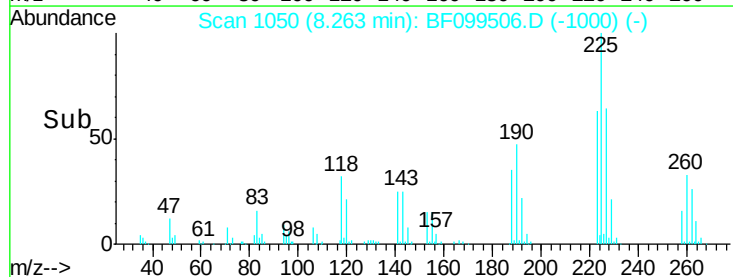


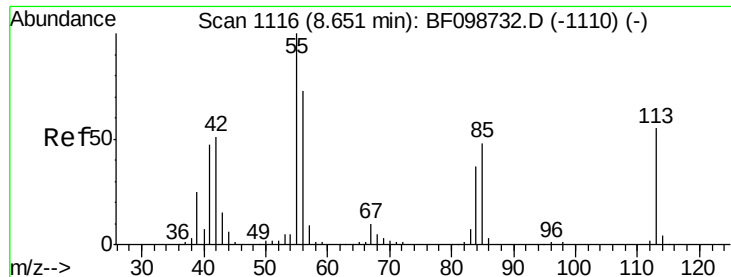
#34
Hexachlorobutadiene
Concen: 41.60 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Tgt Ion:	225	Resp:	169689
Ion	Ratio	Lower	Upper
225	100		
223	63.2	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

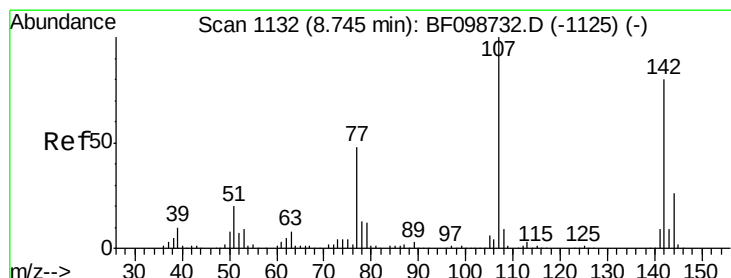
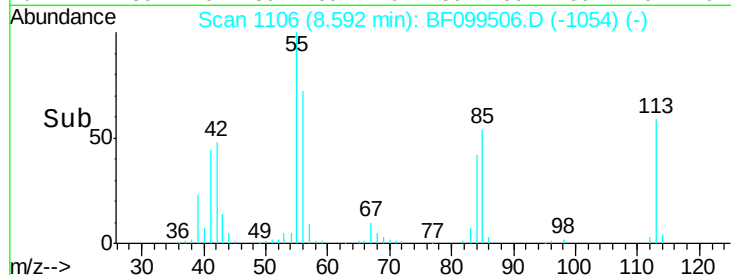
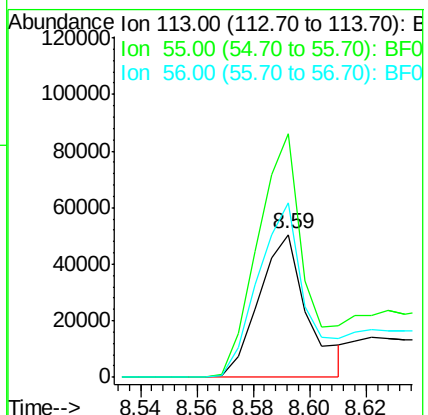
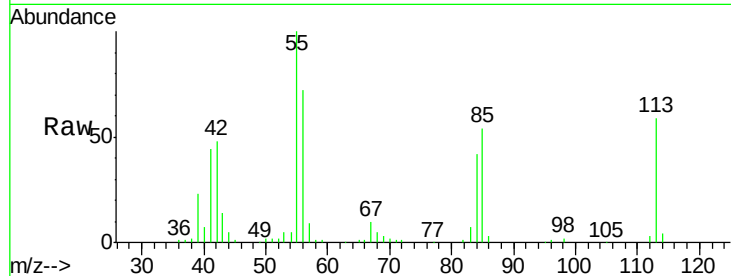




#35
Caprolactam
Concen: 23.70 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

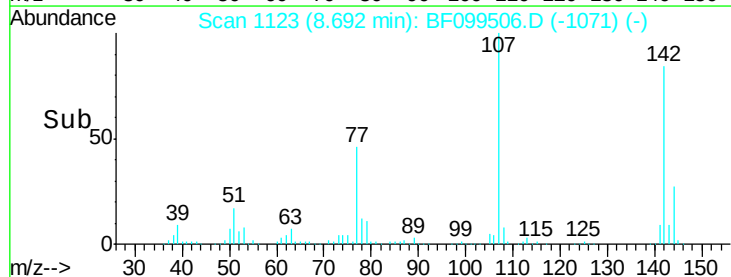
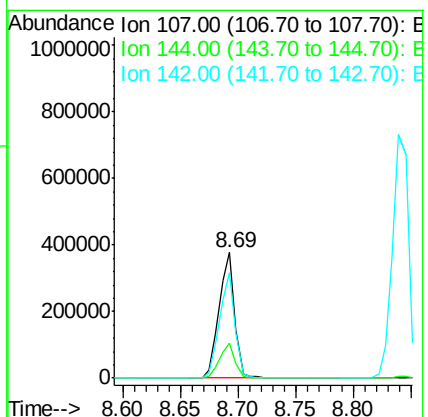
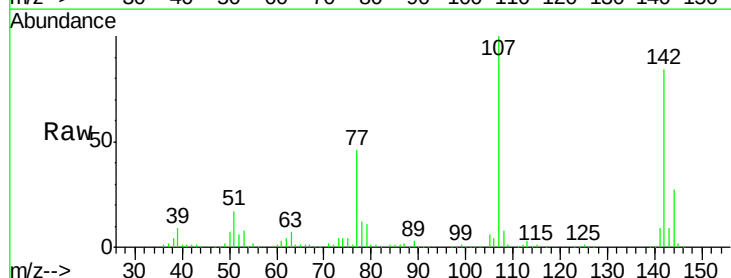
Instrument :
BNA_F
ClientSampleId :

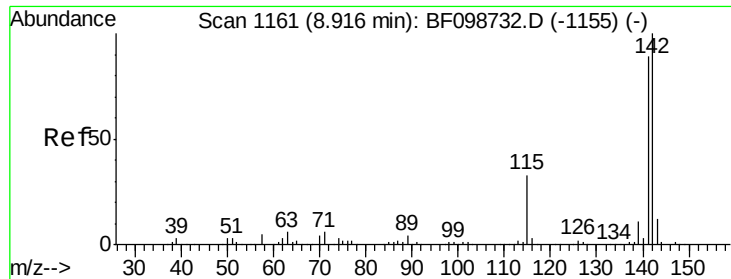
Tot Ion:113 Resp: 60199
Ion Ratio Lower Upper
113 100
55 170.1 163.3 203.3
56 121.9 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 39.91 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Tgt Ion:107 Resp: 355186
Ion Ratio Lower Upper
107 100
144 27.4 20.5 30.7
142 83.9 62.0 93.0

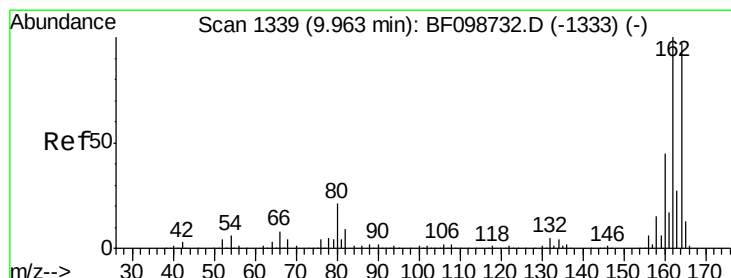
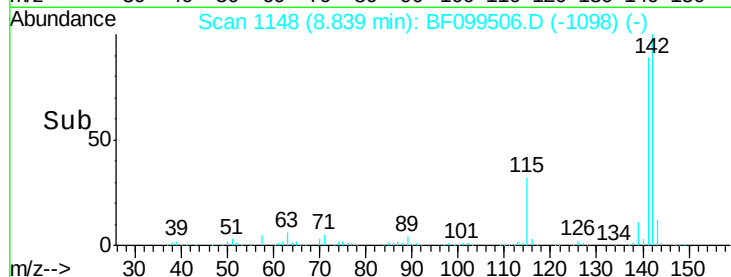
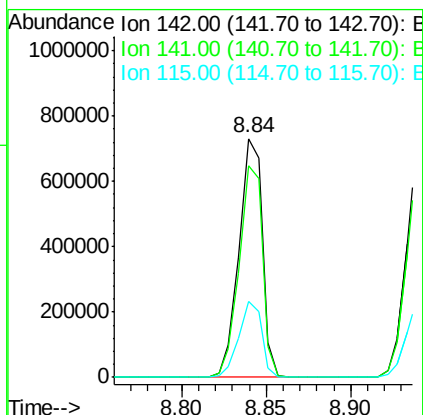
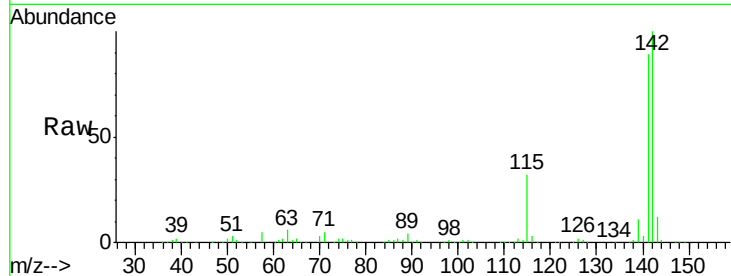




#37
2-Methylnaphthalene
Concen: 40.17 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

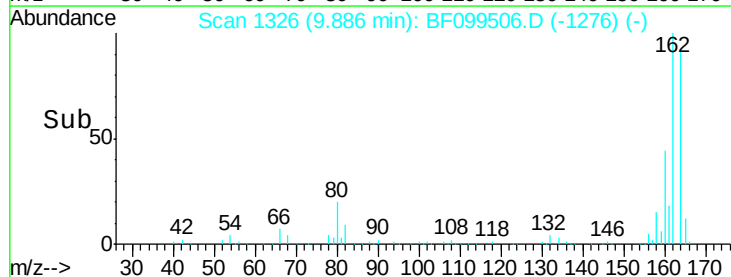
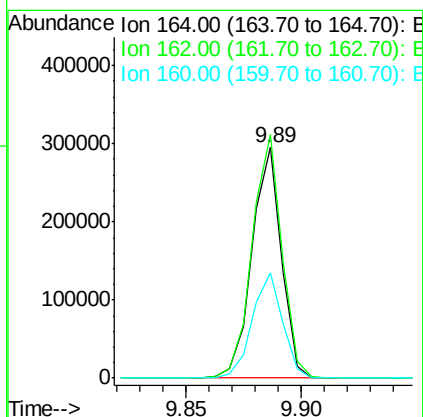
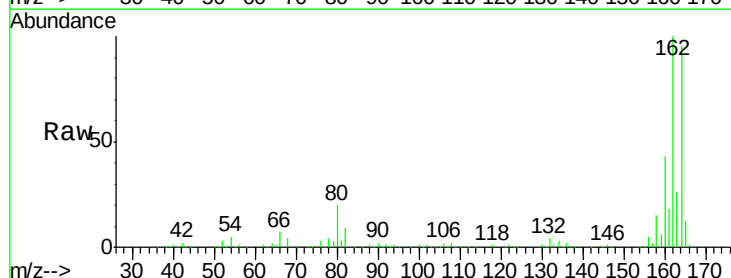
Instrument :
BNA_F
ClientSampleId :

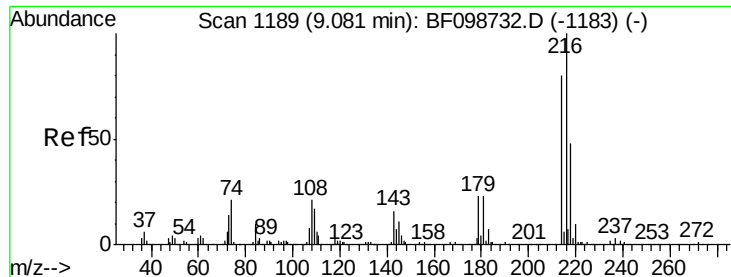
Tot Ion:142 Resp: 704156
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2
115 31.6 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Tgt Ion:164 Resp: 262147
Ion Ratio Lower Upper
164 100
162 105.7 86.1 129.1
160 45.9 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.35 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF099506.D

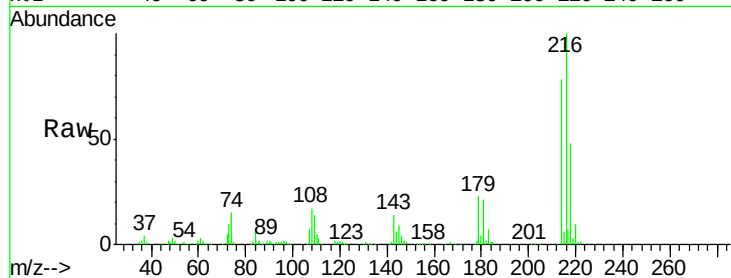
Acq: 15 Oct 2017 11:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	323237
Ion Ratio	Lower	Upper
216	100	
214	79.6	63.0 94.4
179	22.7	18.1 27.1
108	19.7	17.2 25.8

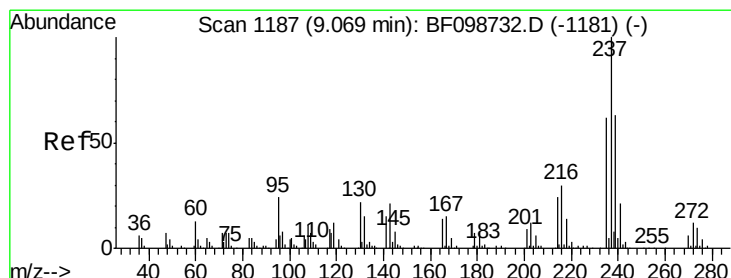
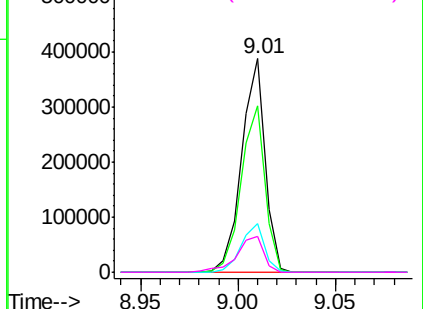
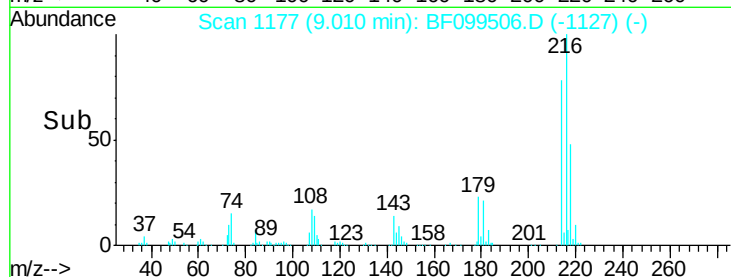


Abundance Ion 216.00 (215.70 to 216.70): E

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: 44.07 ng

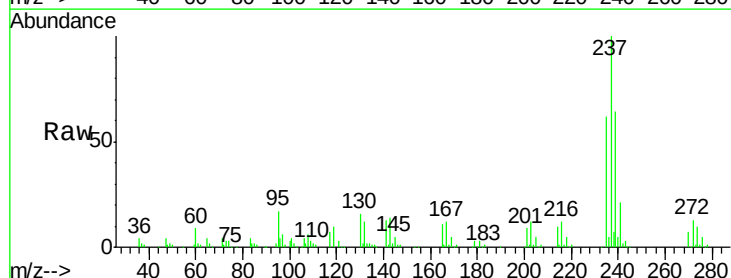
RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

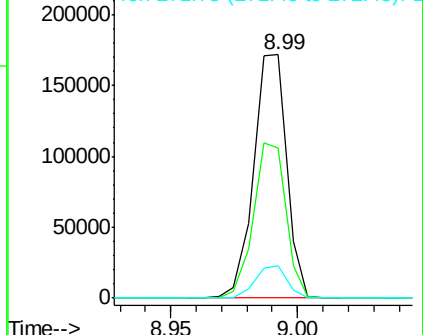
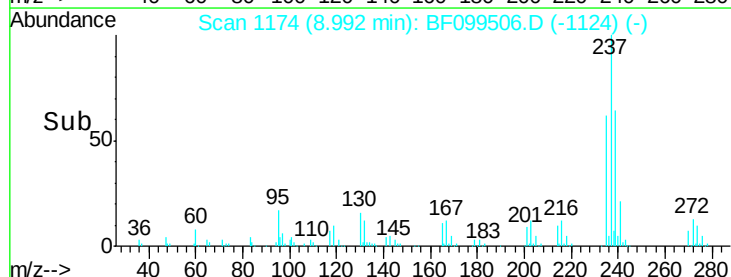
Tgt Ion:237	Resp:	157440
Ion Ratio	Lower	Upper
237	100	
235	61.8	44.8 84.8
272	13.1	0.0 33.3

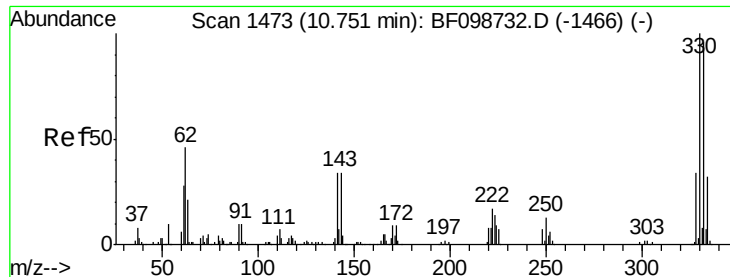


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 84.64 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

Instrument :

BNA_F

ClientSampled :

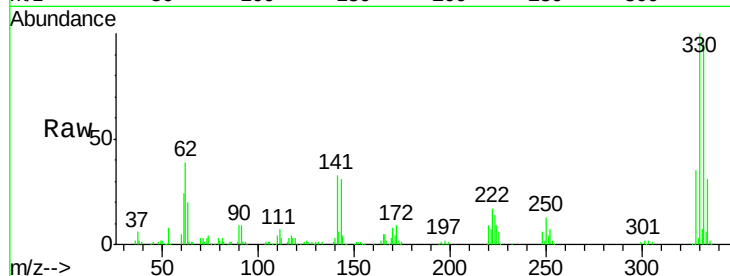
Tot Ion:330 Resp: 181564

Ion Ratio Lower Upper

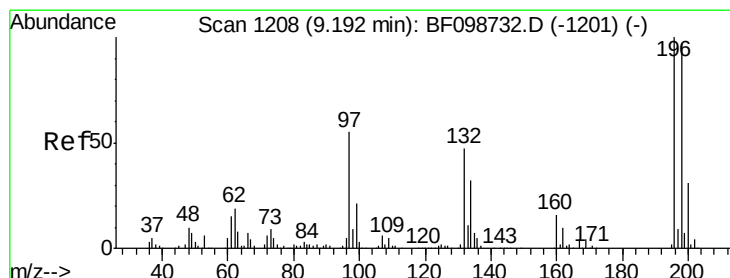
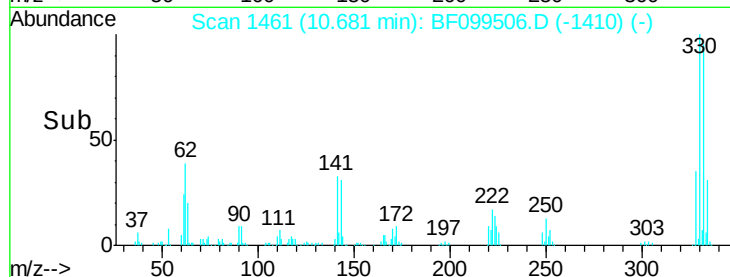
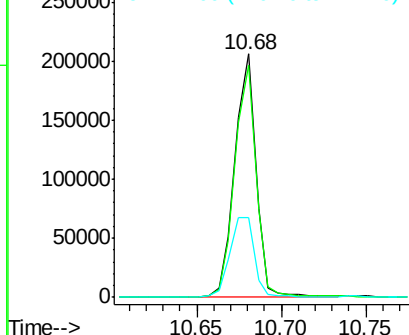
330 100

332 96.9 77.0 115.6

141 38.2 29.9 44.9



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



#42

2,4,6-Trichlorophenol

Concen: 39.28 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

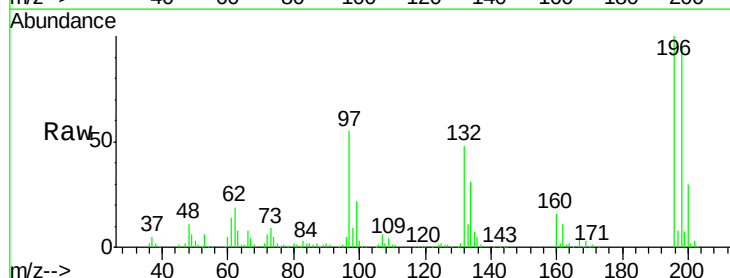
Tgt Ion:196 Resp: 217532

Ion Ratio Lower Upper

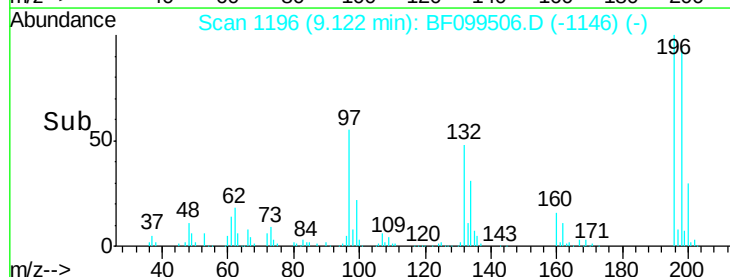
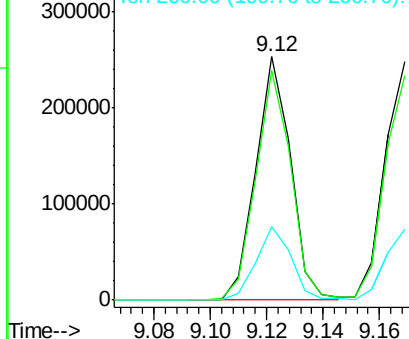
196 100

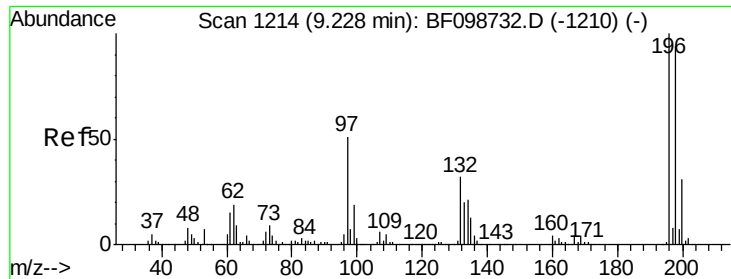
198 94.5 75.7 113.5

200 30.2 24.5 36.7



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

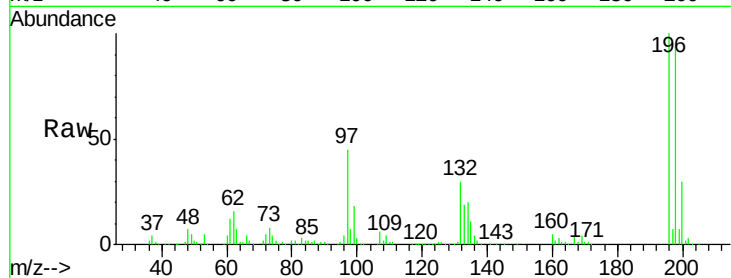




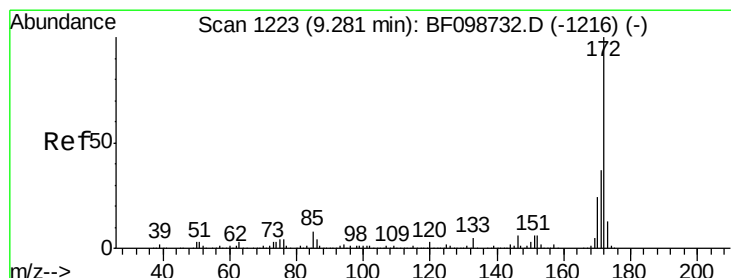
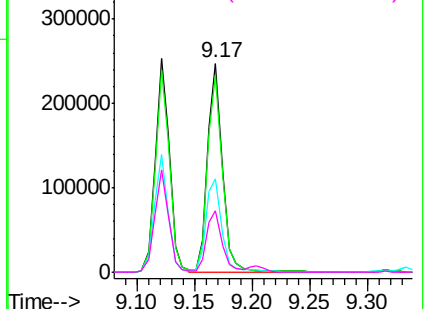
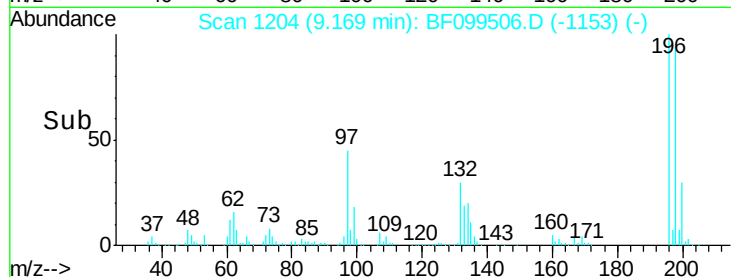
#43
2,4,5-Trichlorophenol
Concen: 40.08 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 221601
Ion Ratio Lower Upper
196 100
198 94.5 74.6 112.0
97 45.1 42.9 64.3
132 29.6 26.3 39.5

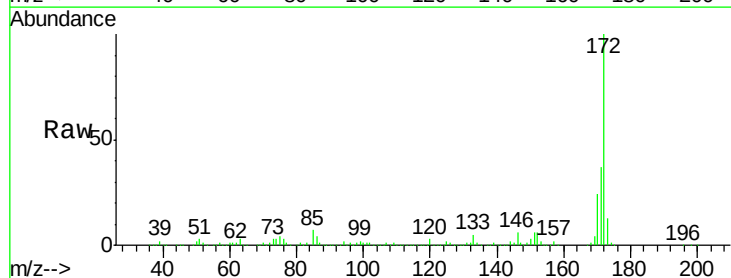


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

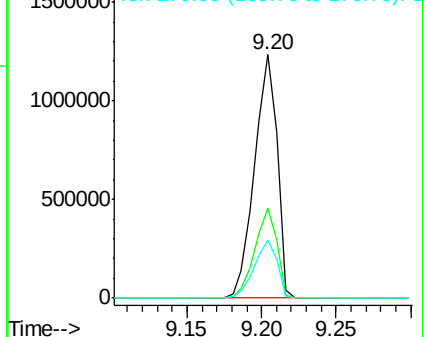
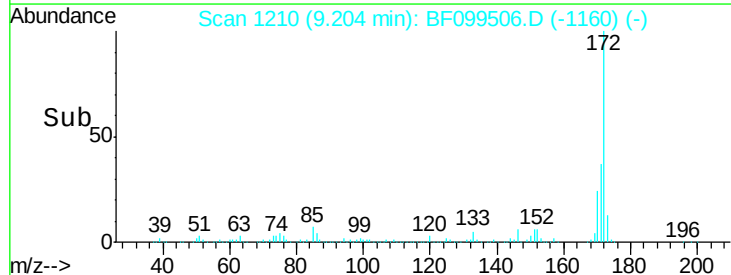


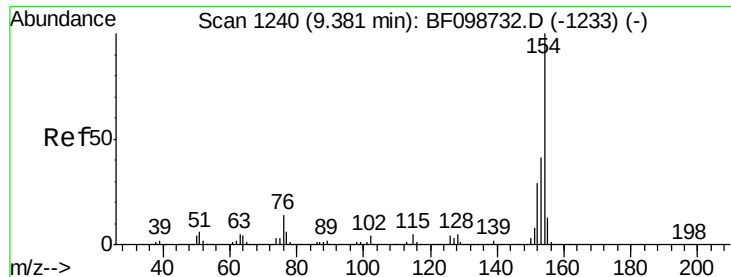
#44
2-Fluorobiphenyl
Concen: 81.19 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Tgt Ion:172 Resp: 1274905
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 23.8 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

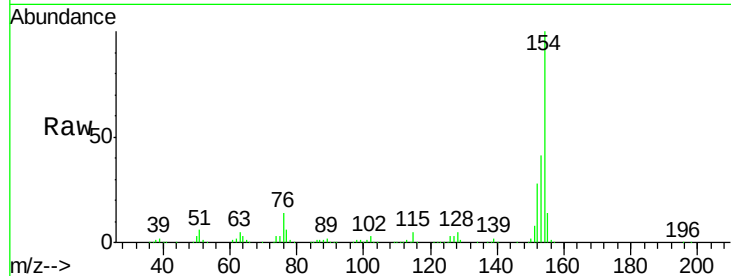




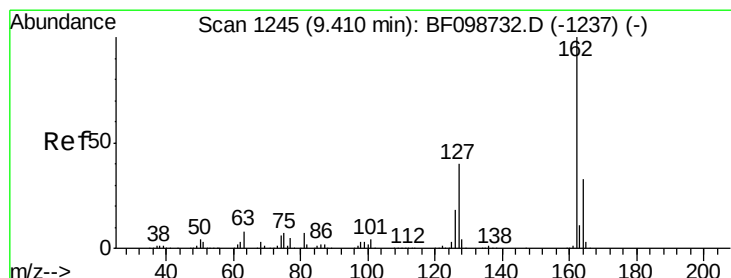
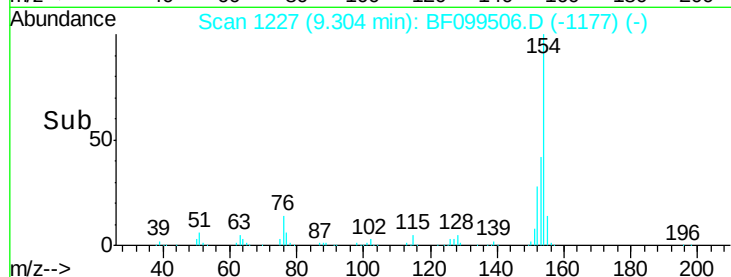
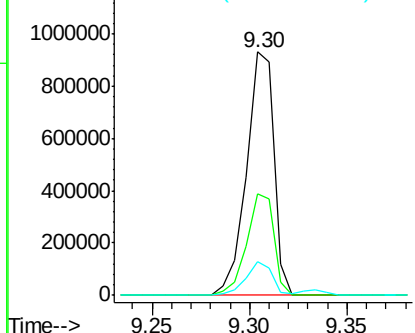
#45
1,1'-Biphenyl
Concen: 40.26 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.3	61.3
76	13.8	0.0	34.0

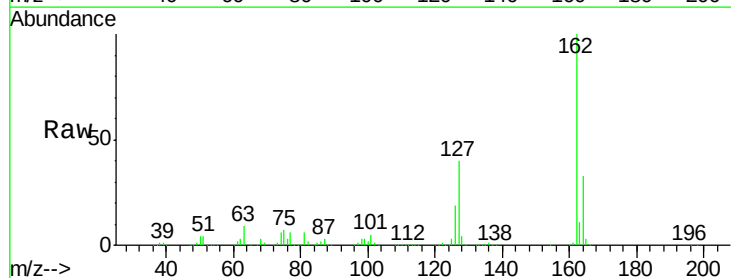


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

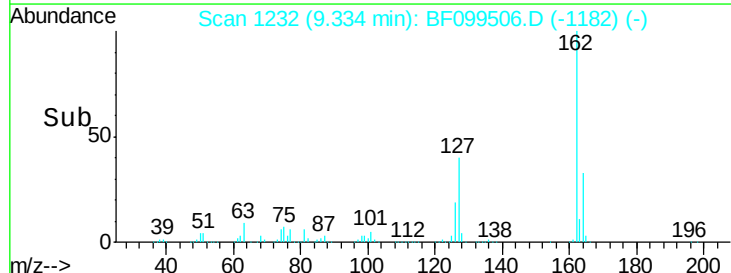
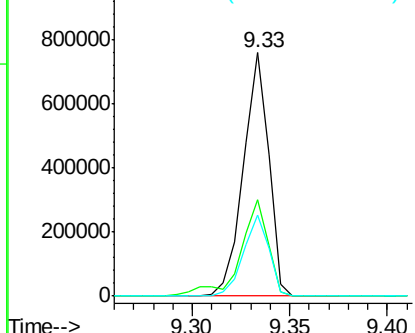


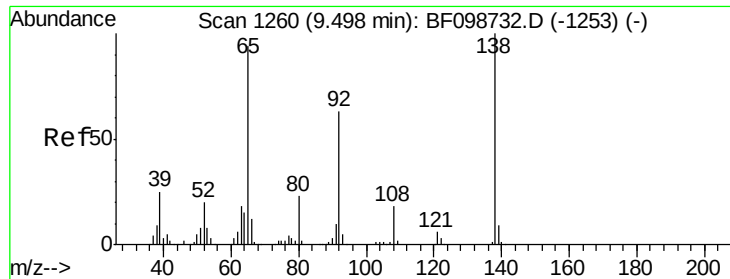
#46
2-Chloronaphthalene
Concen: 40.48 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	33.9	50.9
164	33.0	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.39 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

Instrument :

BNA_F

ClientSampleId :

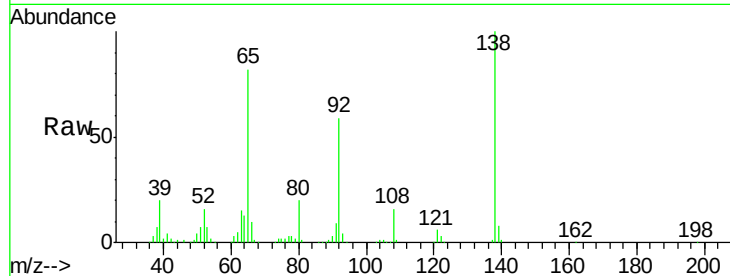
Tot Ion: 65 Resp: 204031

Ion Ratio Lower Upper

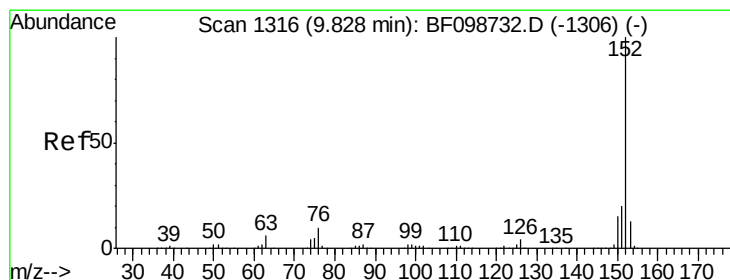
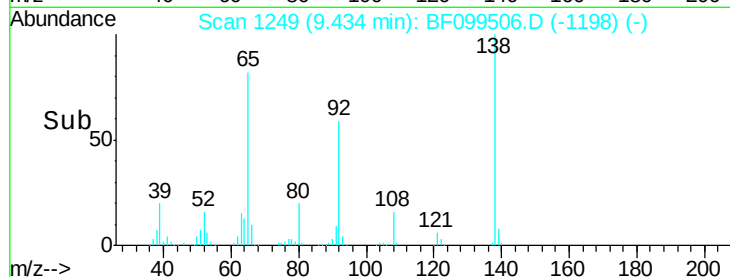
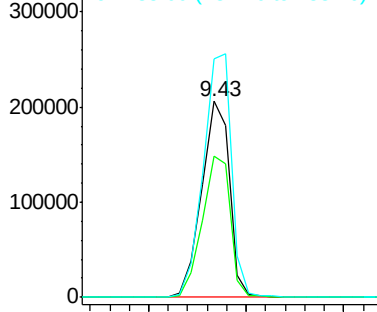
65 100

92 72.0 55.8 83.6

138 122.0 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 38.84 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

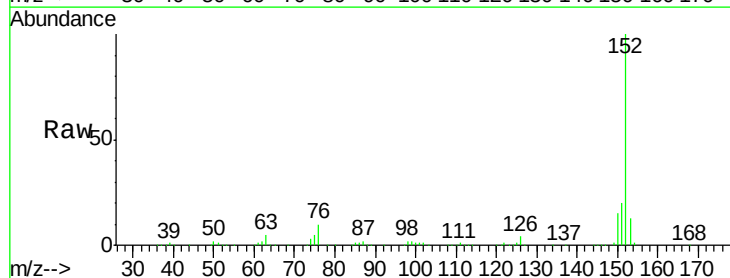
Tgt Ion: 152 Resp: 1005875

Ion Ratio Lower Upper

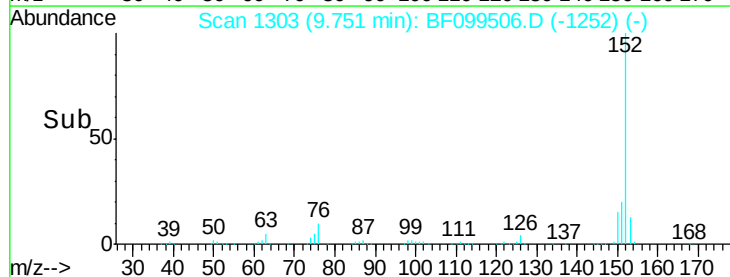
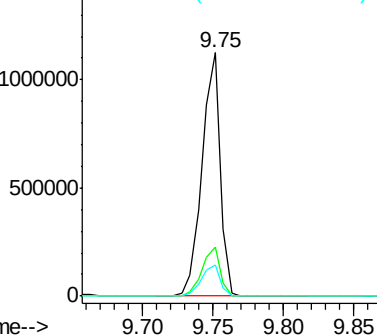
152 100

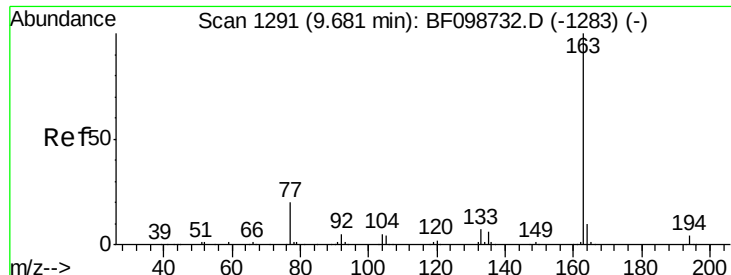
151 20.3 16.3 24.5

153 13.0 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

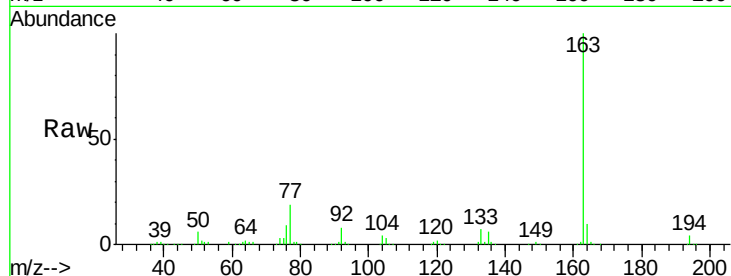




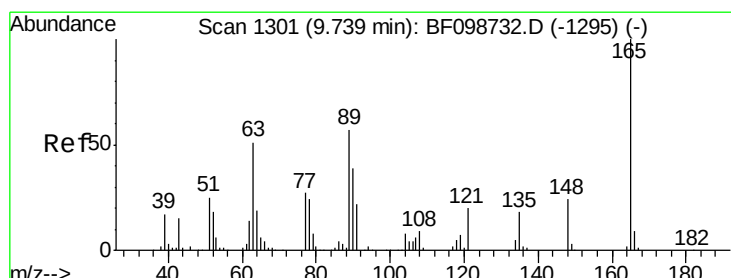
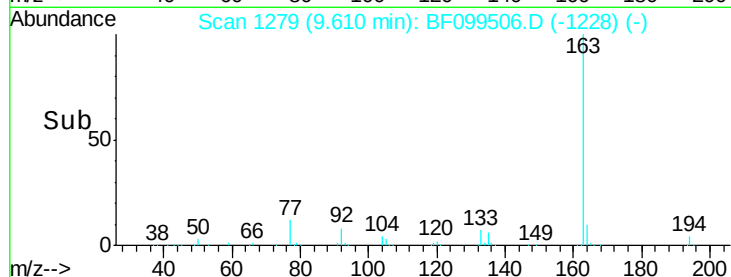
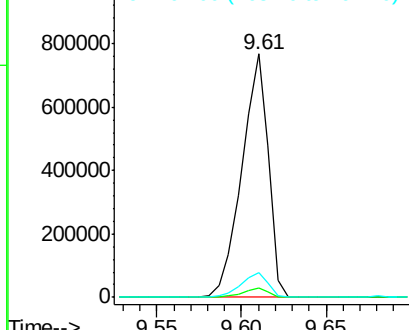
#49
Dimethylphthalate
Concen: 42.47 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 840275
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.0 8.2 12.2

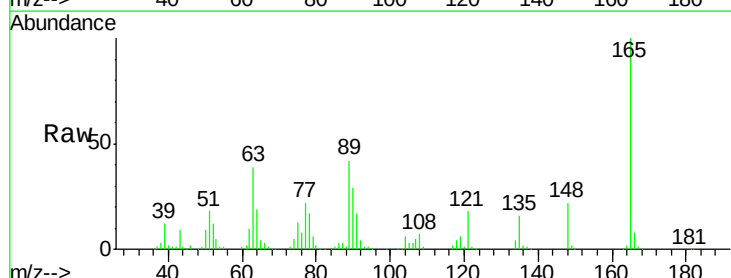


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

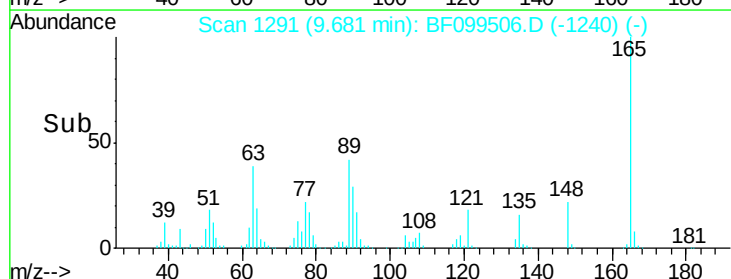
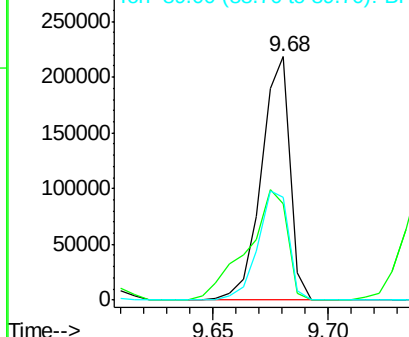


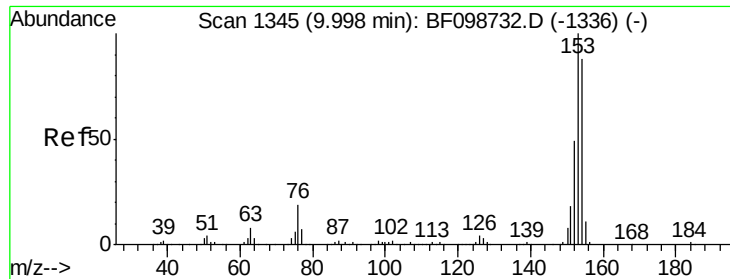
#50
2,6-Dinitrotoluene
Concen: 43.80 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Tgt Ion:165 Resp: 188668
Ion Ratio Lower Upper
165 100
63 39.5 44.7 67.1#
89 42.3 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: 37.04 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

Instrument :

BNA_F

ClientSampleId :

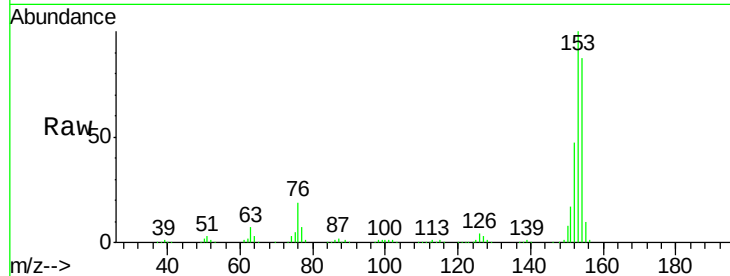
Tot Ion:154 Resp: 607647

Ion Ratio Lower Upper

154 100

153 115.3 91.2 136.8

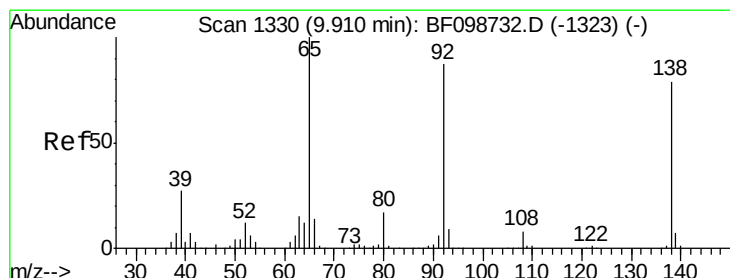
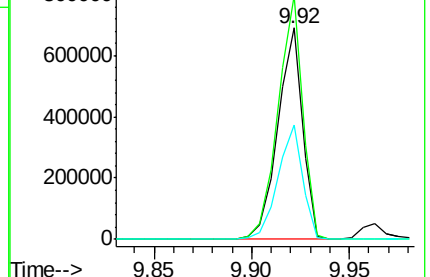
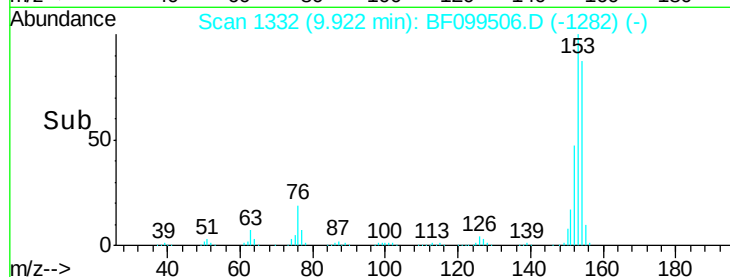
152 54.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.35 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

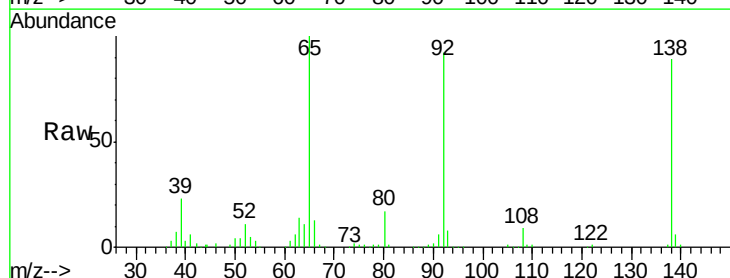
Tgt Ion:138 Resp: 217735

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

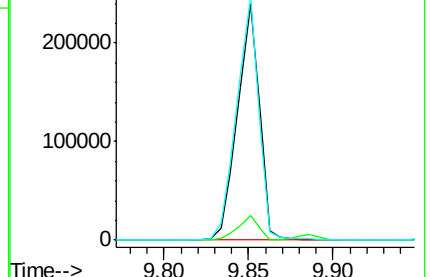
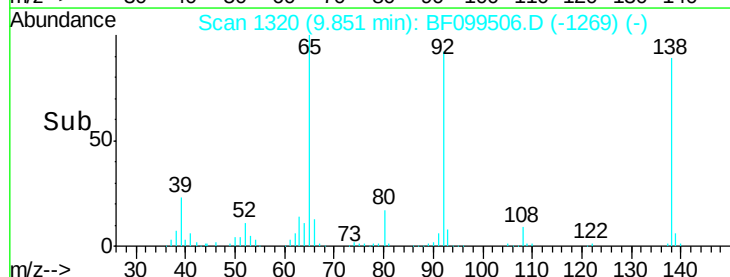
92 103.2 89.4 134.2

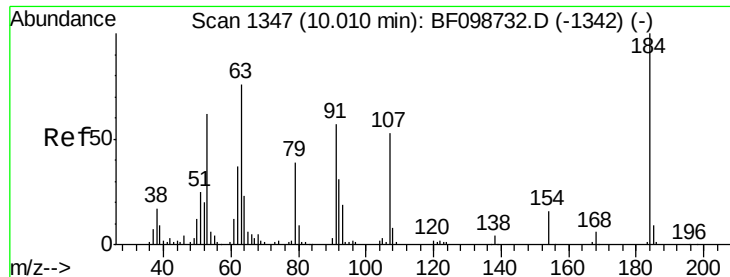


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

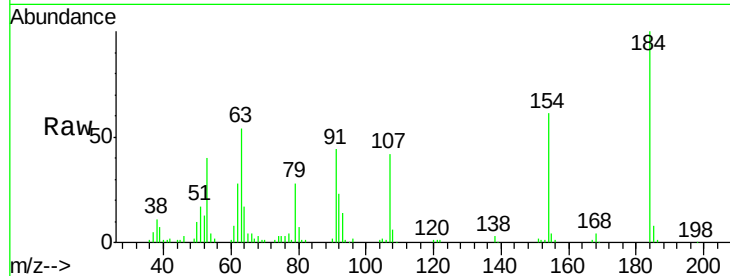




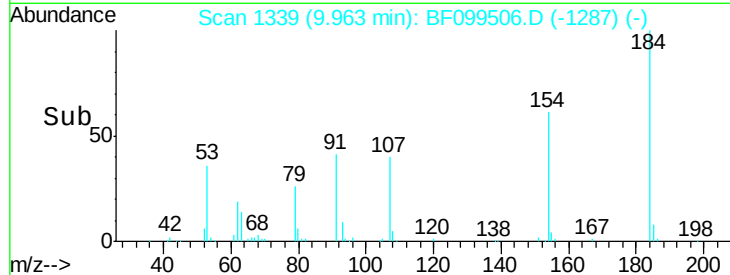
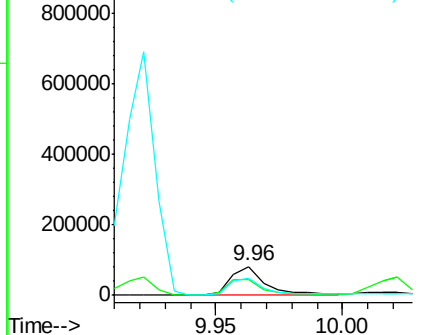
#53
 2,4-Dinitrophenol
 Concen: 39.03 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF099506.D
 Acq: 15 Oct 2017 11:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 80308
 Ion Ratio Lower Upper
 184 100
 63 53.7 54.2 81.2#
 154 60.6 53.5 80.3

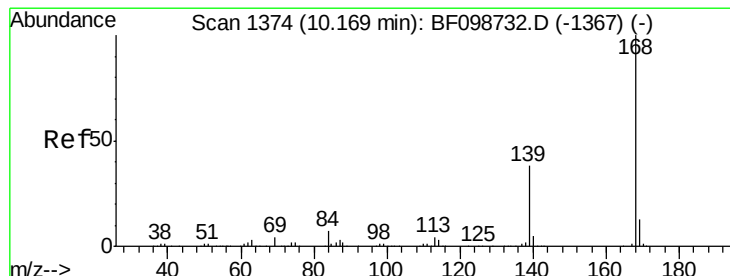


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

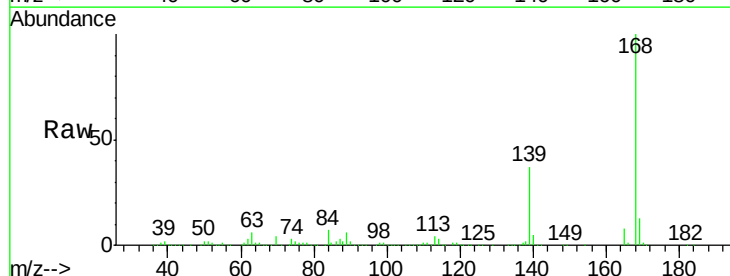
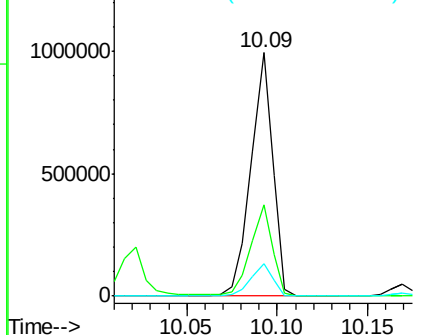


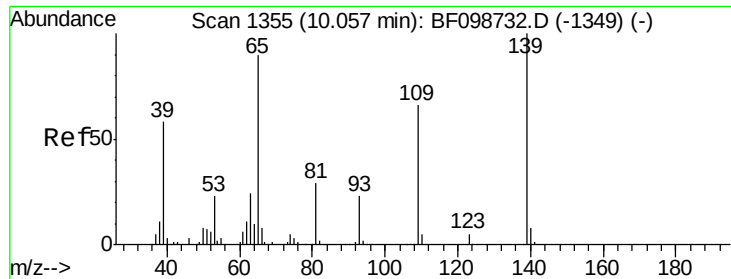
#54
 Dibenzofuran
 Concen: 38.42 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF099506.D
 Acq: 15 Oct 2017 11:33

Tgt Ion:168 Resp: 839130
 Ion Ratio Lower Upper
 168 100
 139 37.4 30.1 45.1
 169 13.3 10.9 16.3



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

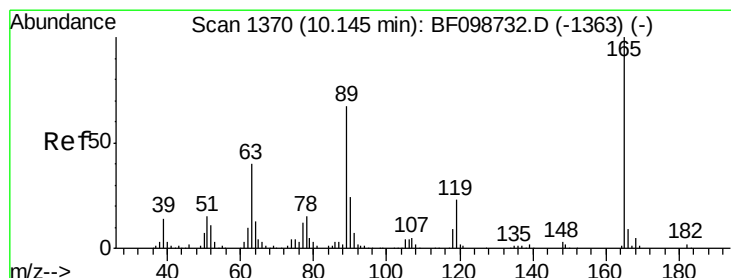
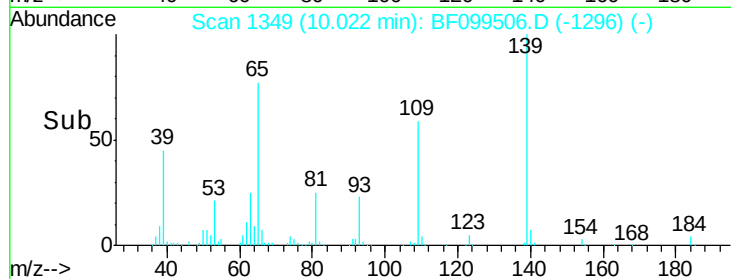
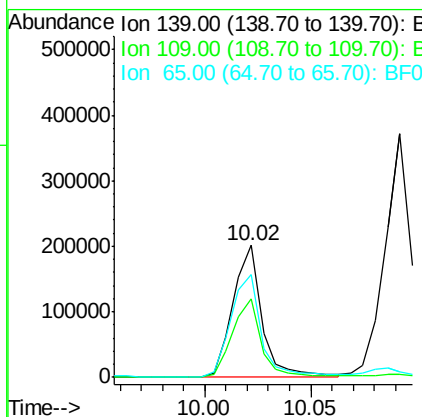
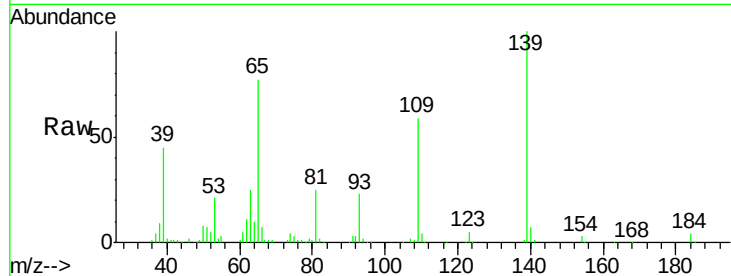




#55
4-Nitrophenol
Concen: 45.40 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

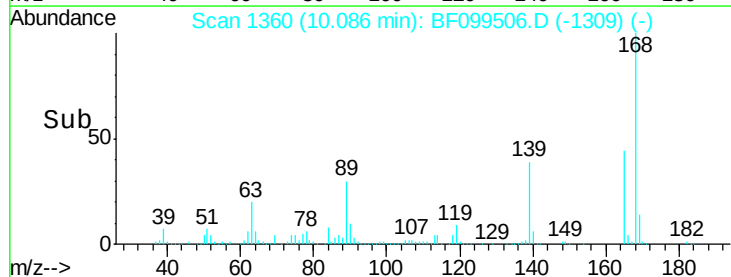
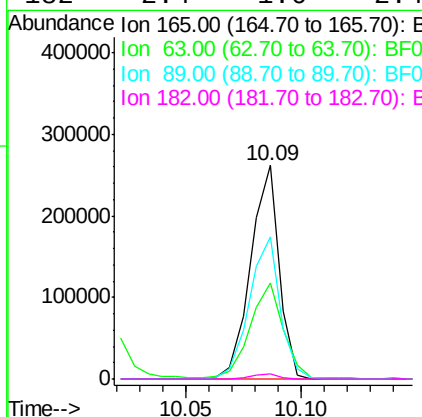
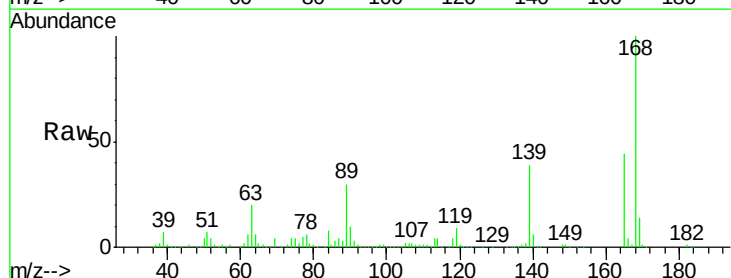
Instrument :
BNA_F
ClientSampled :

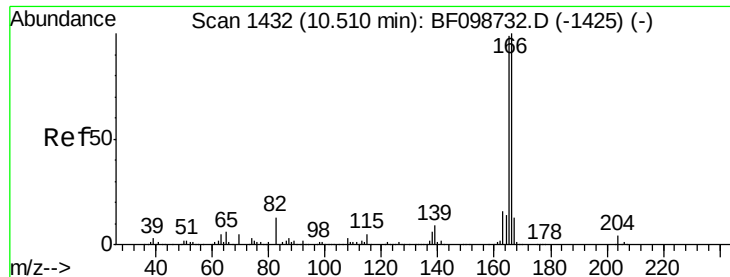
Tot Ion:139 Resp: 192816
Ion Ratio Lower Upper
139 100
109 59.3 48.4 88.4
65 77.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 40.62 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Tgt Ion:165 Resp: 227078
Ion Ratio Lower Upper
165 100
63 45.0 36.4 54.6
89 66.8 57.8 86.6
182 2.4 1.6 2.4

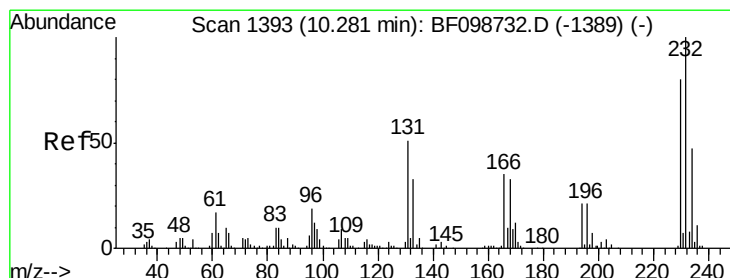
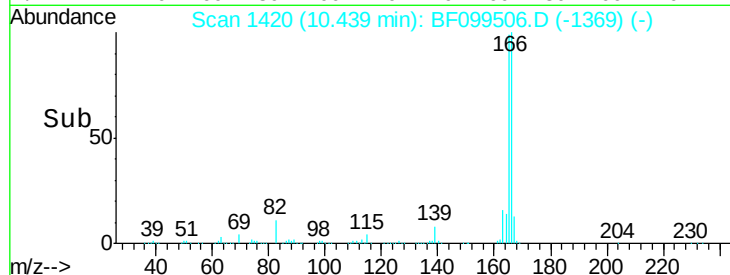
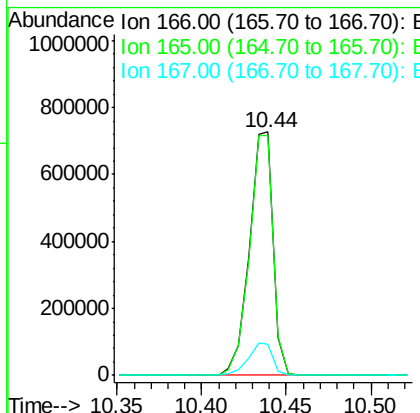
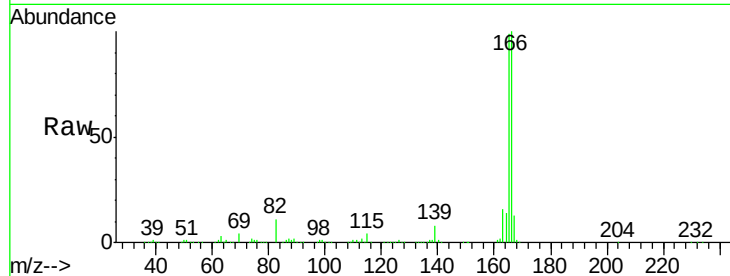




#57
 Fluorene
 Concen: 40.72 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF099506.D
 Acq: 15 Oct 2017 11:33

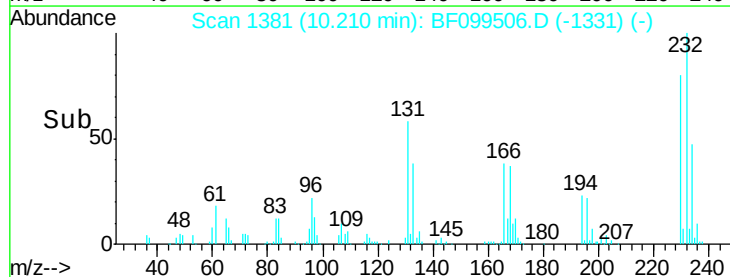
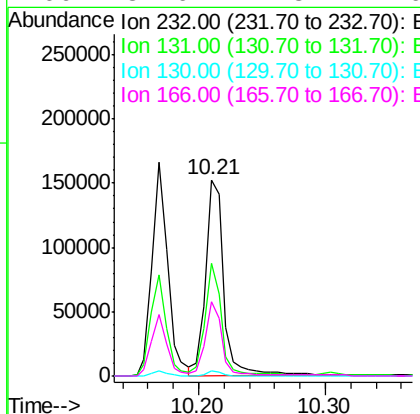
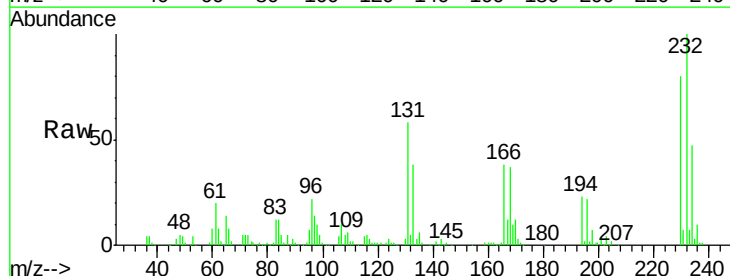
Instrument :
 BNA_F
 ClientSampleId :

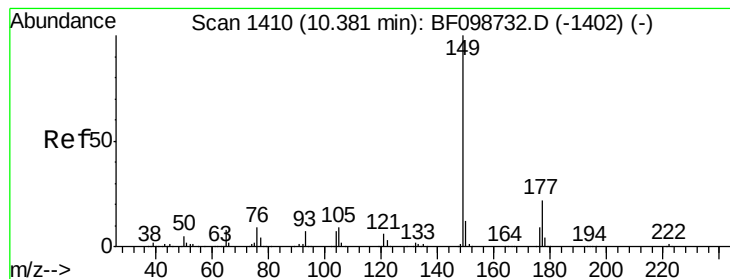
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.8	119.8
167	12.9	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.73 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF099506.D
 Acq: 15 Oct 2017 11:33

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.0	43.8	65.8
130	2.3	2.1	3.1
166	34.6	27.8	41.6





#59

Diethylphthalate

Concen: 40.72 ng

RT: 10.30 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

Instrument :

BNA_F

ClientSampled :

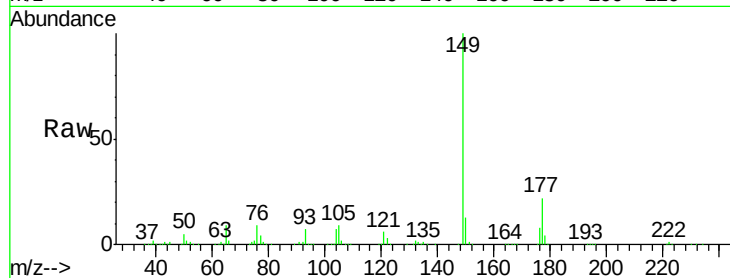
Tot Ion:149 Resp: 787167

Ion Ratio Lower Upper

149 100

177 21.6 16.1 24.1

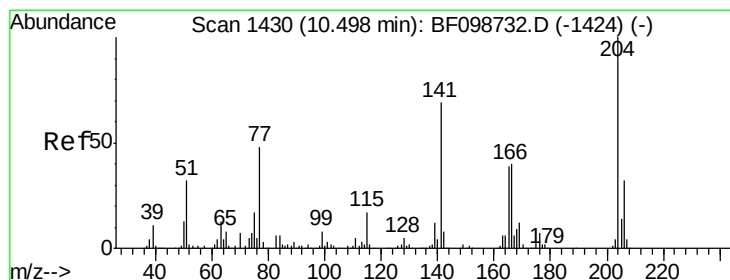
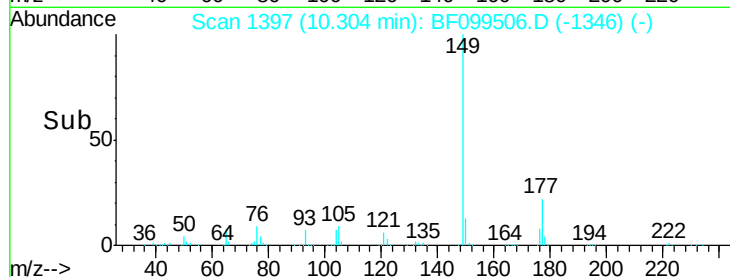
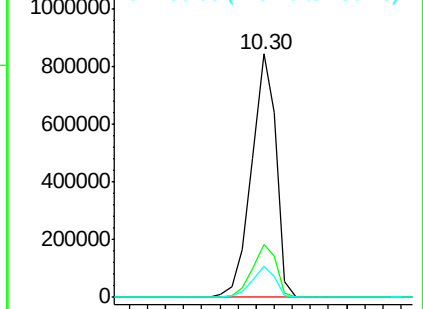
150 12.9 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.25 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

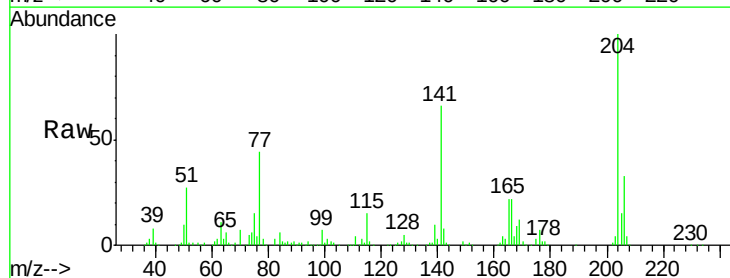
Tgt Ion:204 Resp: 325245

Ion Ratio Lower Upper

204 100

206 32.9 26.5 39.7

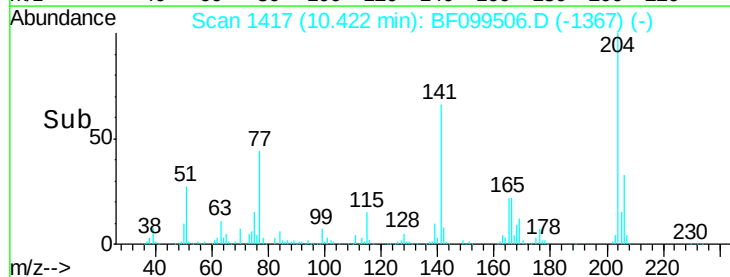
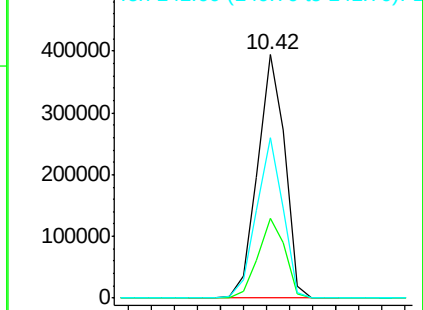
141 66.0 54.6 81.8

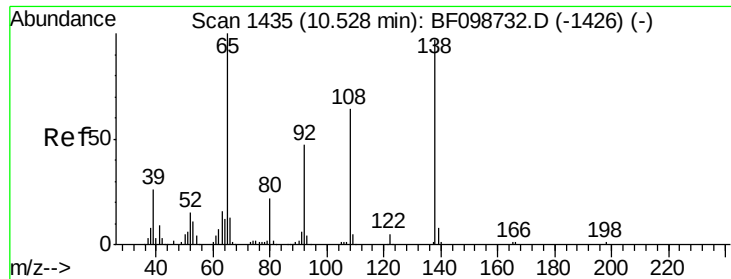


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

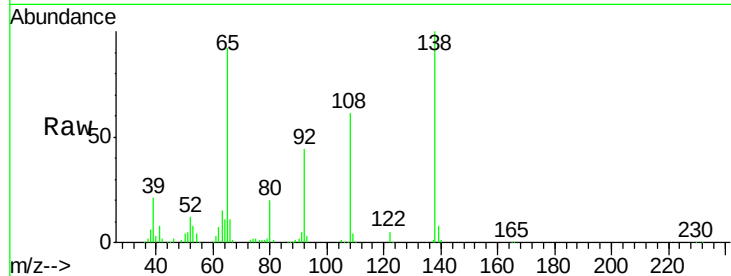




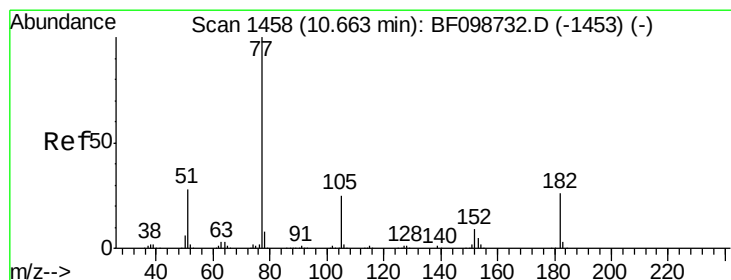
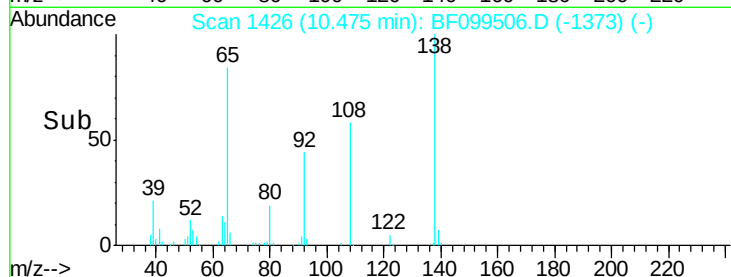
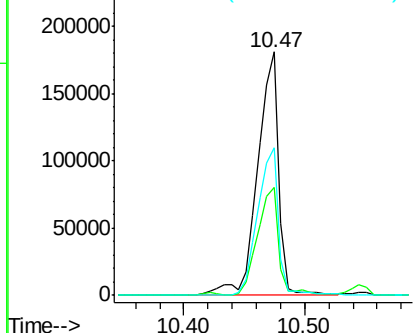
#61
4-Nitroaniline
Concen: 45.84 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 222094
Ion Ratio Lower Upper
138 100
92 44.3 30.2 70.2
108 60.7 52.5 92.5

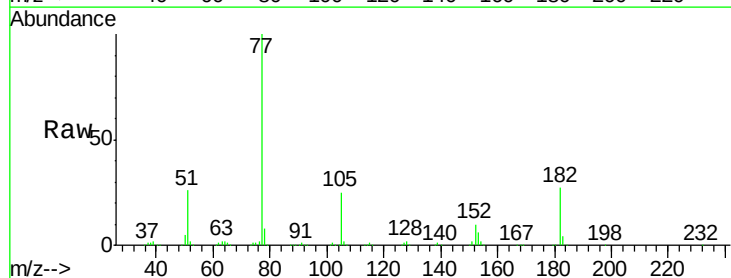


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

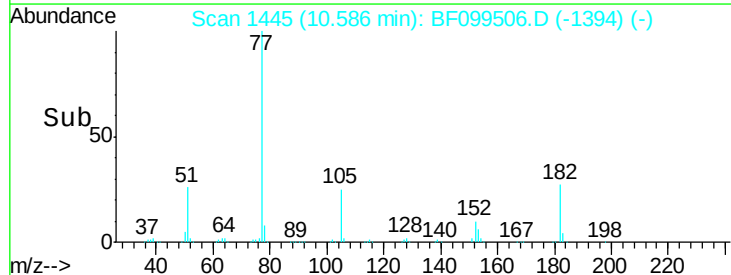
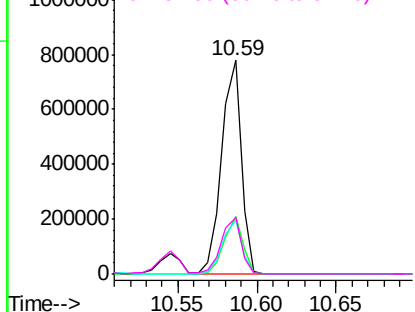


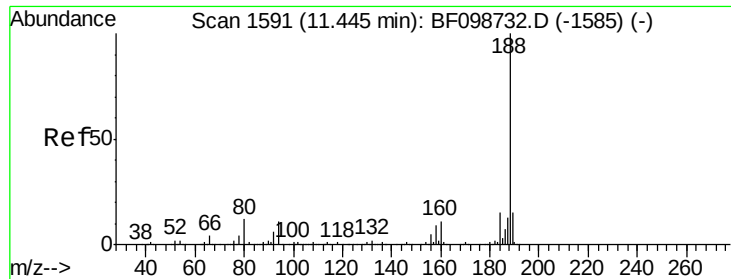
#62
Azobenzene
Concen: 38.02 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Tgt Ion: 77 Resp: 675896
Ion Ratio Lower Upper
77 100
182 27.3 1.7 41.7
105 25.4 3.0 43.0
51 26.2 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

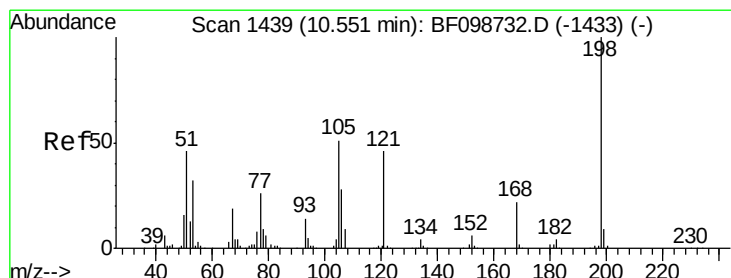
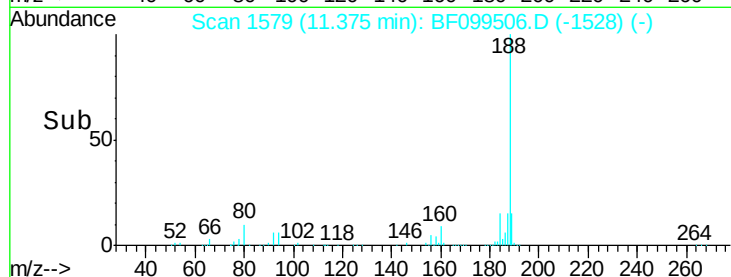
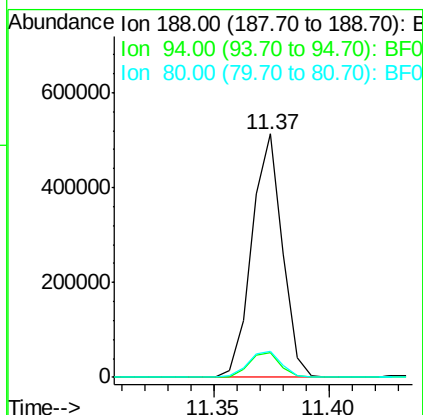
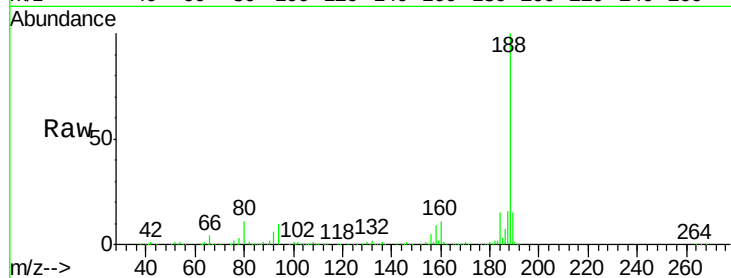




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

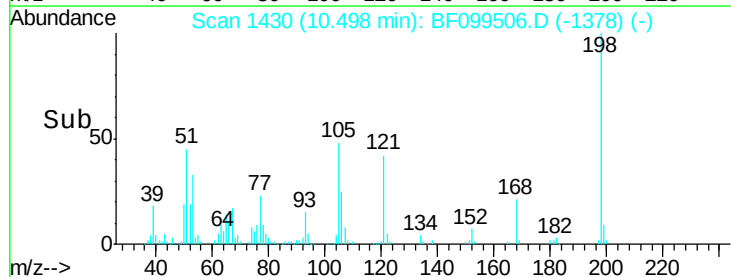
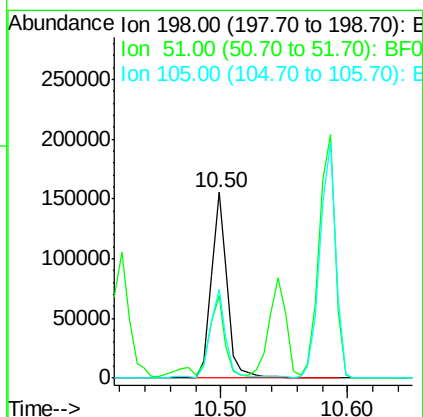
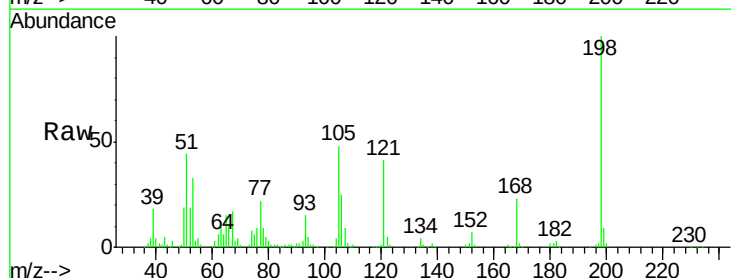
Instrument :
BNA_F
ClientSampleId :

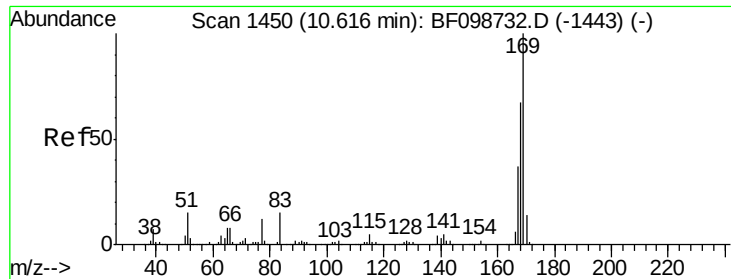
Tot Ion:188 Resp: 473490
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 48.00 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Tgt Ion:198 Resp: 138288
Ion Ratio Lower Upper
198 100
51 44.3 37.7 77.7
105 47.5 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 40.14 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

Instrument :

BNA_F

ClientSampled :

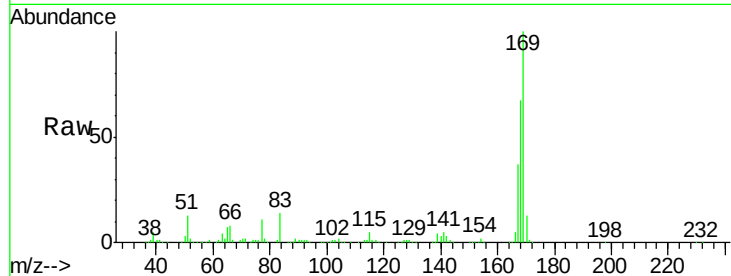
Tot Ion:169 Resp: 658493

Ion Ratio Lower Upper

169 100

168 67.1 54.4 81.6

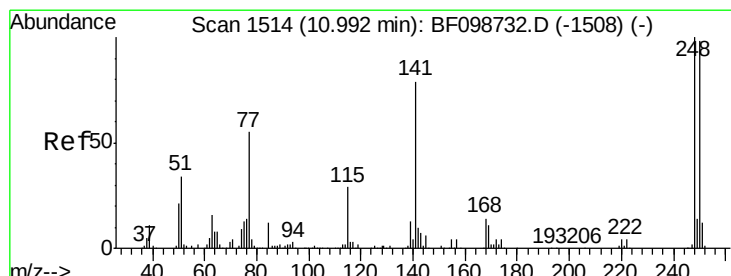
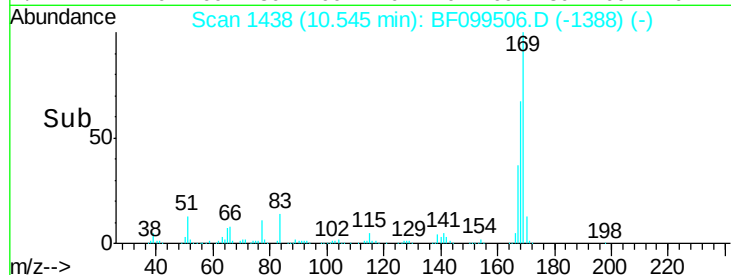
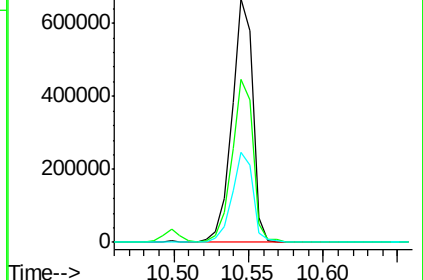
167 36.9 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.43 ng

RT: 10.92 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

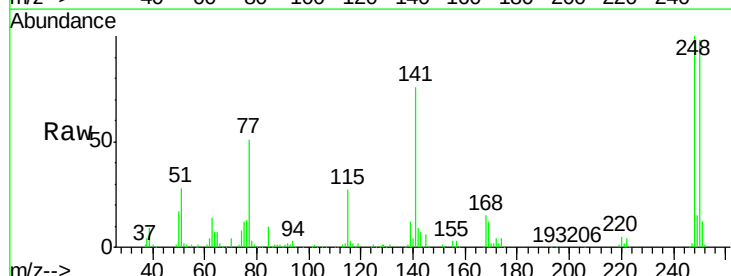
Tgt Ion:248 Resp: 191997

Ion Ratio Lower Upper

248 100

250 98.2 76.9 115.3

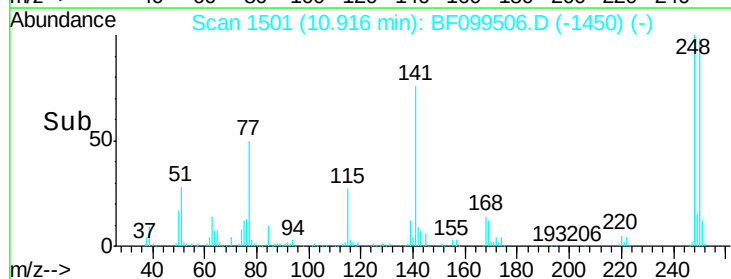
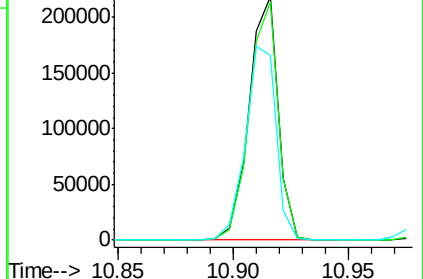
141 76.0 74.4 111.6

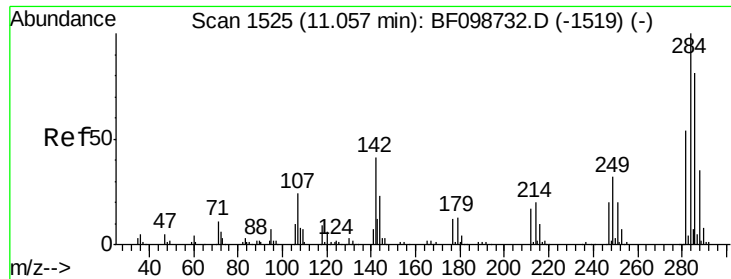


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

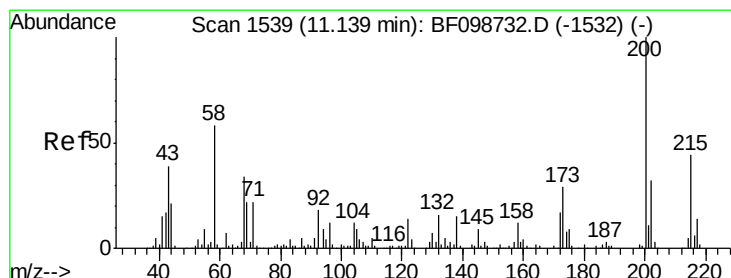
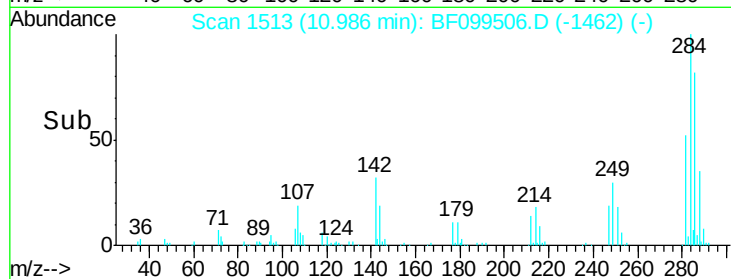
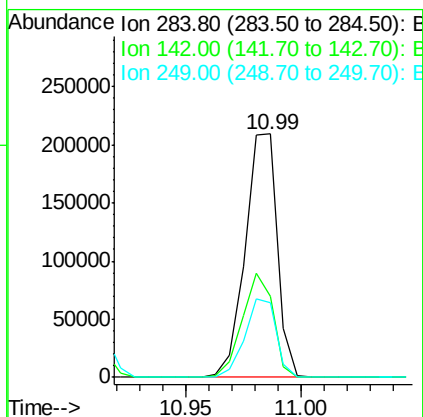
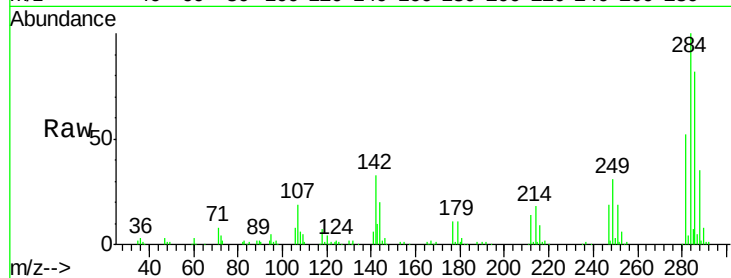




#67
Hexachlorobenzene
Concen: 41.27 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

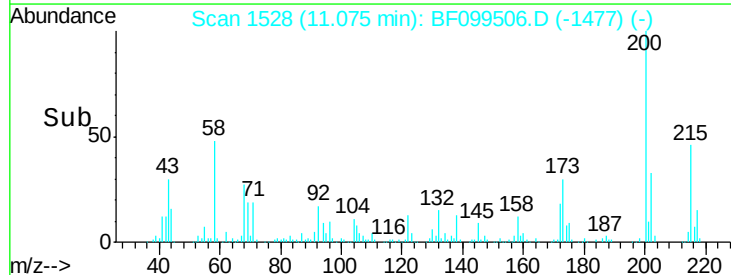
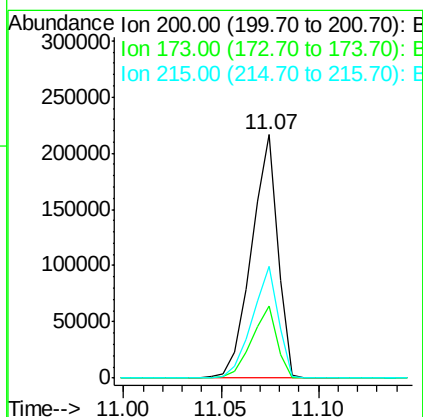
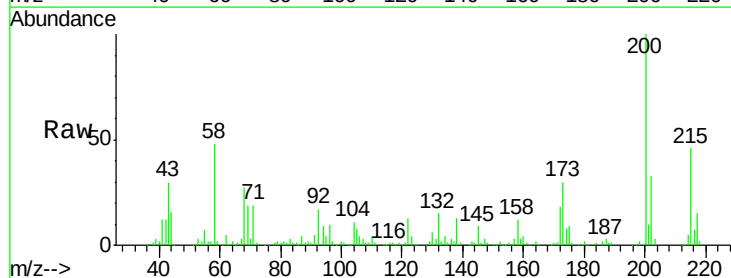
Instrument :
BNA_F
ClientSampled :

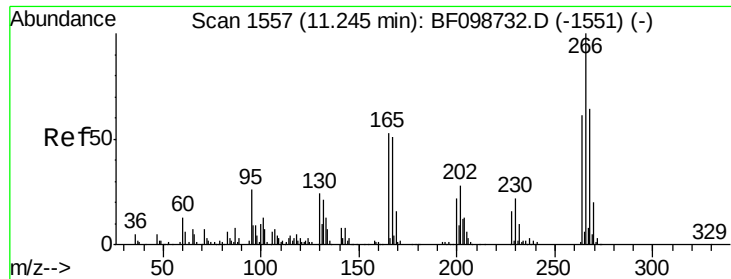
Tot Ion:284 Resp: 204305
Ion Ratio Lower Upper
284 100
142 33.2 34.6 52.0#
249 30.7 24.8 37.2



#68
Atrazine
Concen: 40.91 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Tgt Ion:200 Resp: 201916
Ion Ratio Lower Upper
200 100
173 29.6 8.6 48.6
215 45.7 25.1 65.1

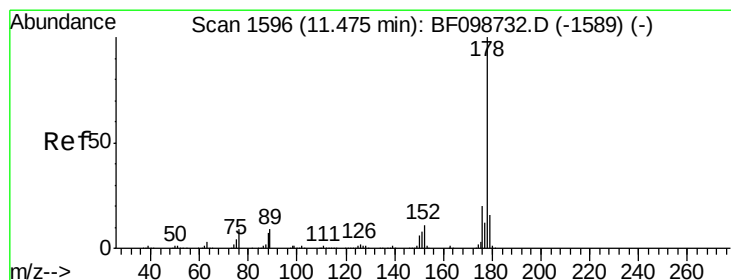
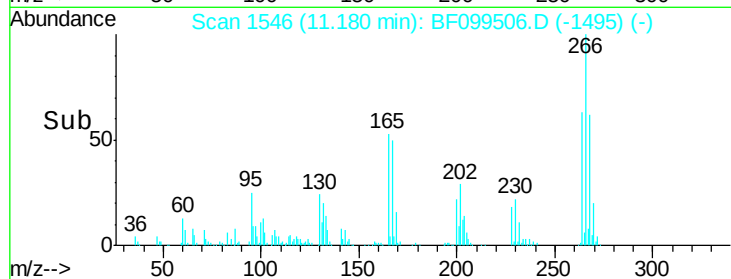
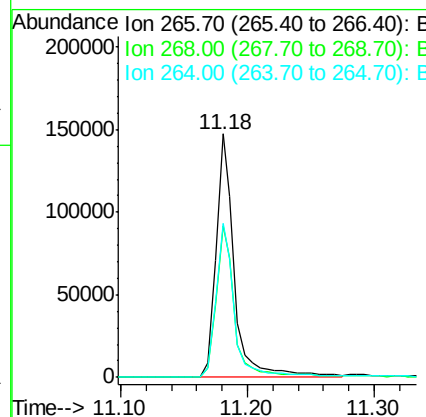
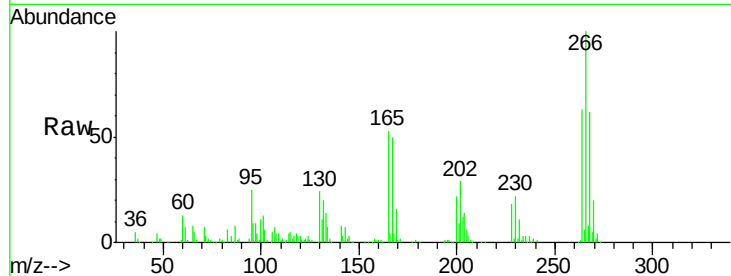




#69
 Pentachlorophenol
 Concen: 48.91 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF099506.D
 Acq: 15 Oct 2017 11:33

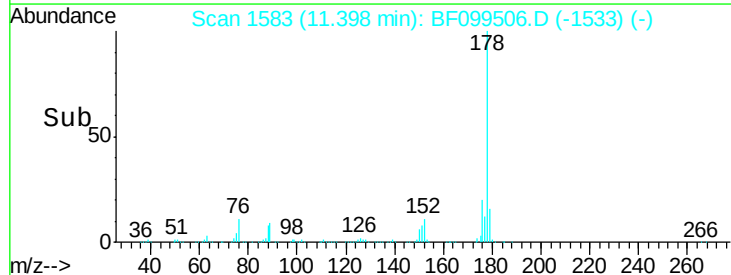
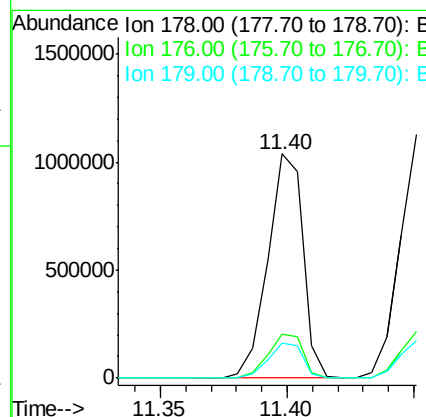
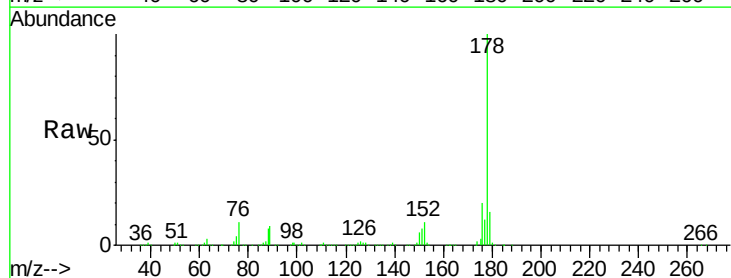
Instrument :
 BNA_F
 ClientSampled :

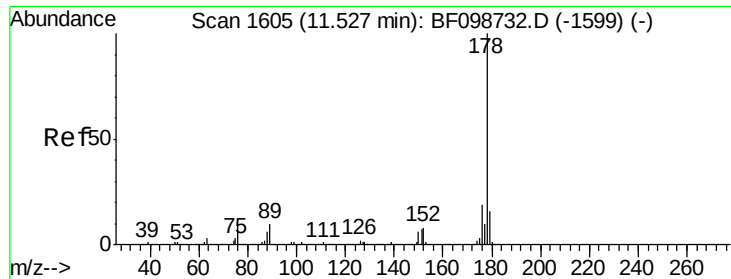
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.0	51.1	76.7
264	63.3	49.5	74.3



#70
 Phenanthrene
 Concen: 39.89 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF099506.D
 Acq: 15 Oct 2017 11:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.7	13.0	19.6

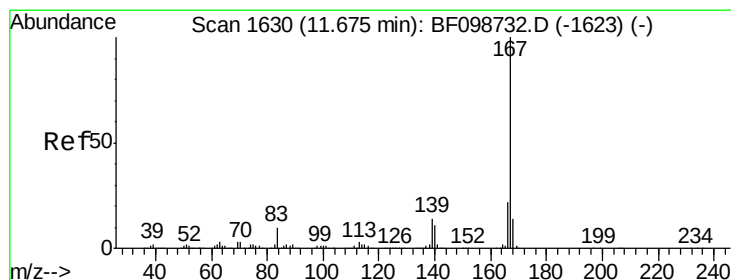
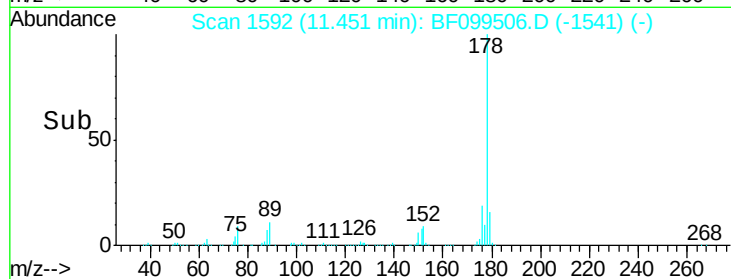
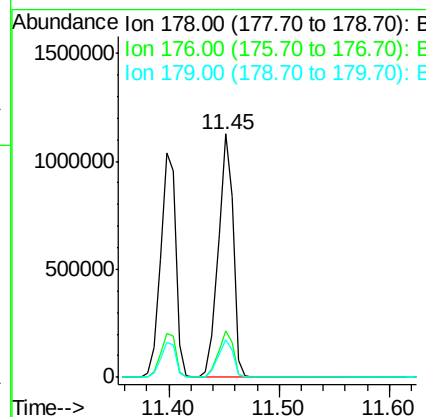
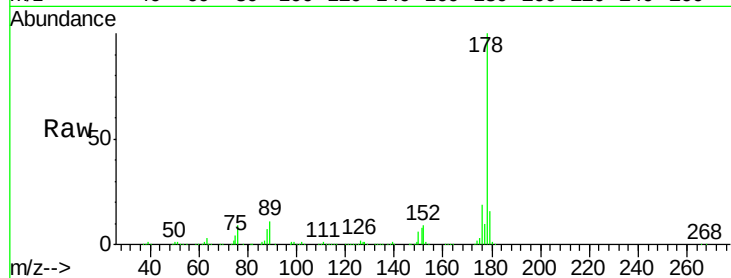




#71
 Anthracene
 Concen: 40.15 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF099506.D
 Acq: 15 Oct 2017 11:33

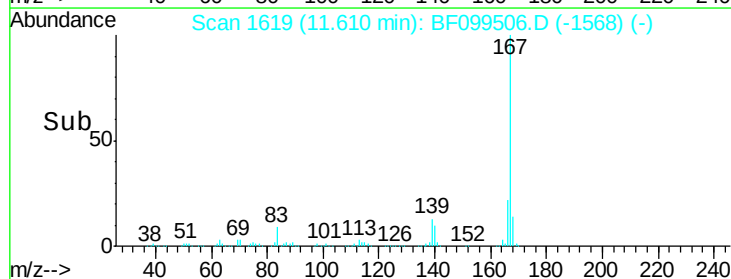
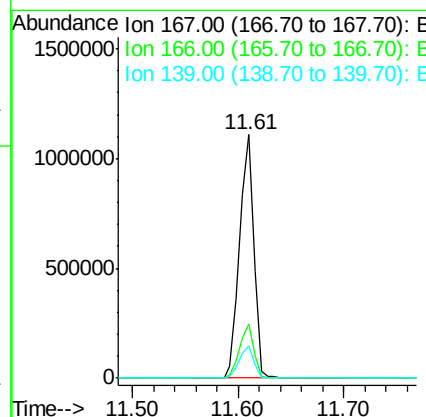
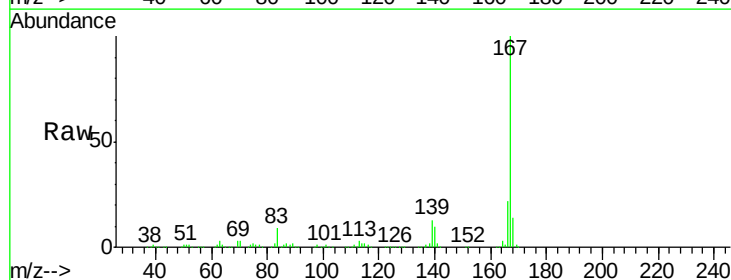
Instrument :
 BNA_F
 ClientSampleId :

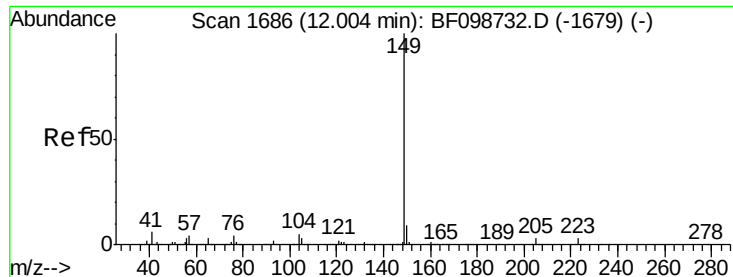
Tot Ion:178 Resp: 1041185
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 40.48 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF099506.D
 Acq: 15 Oct 2017 11:33

Tgt Ion:167 Resp: 1028109
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.05 ng

RT: 11.93 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

Instrument :

BNA_F

ClientSampleId :

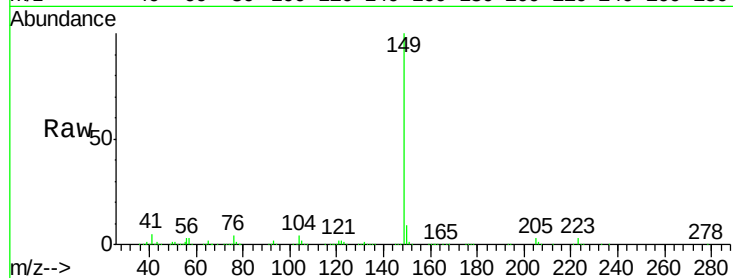
Tot Ion:149 Resp: 1254682

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

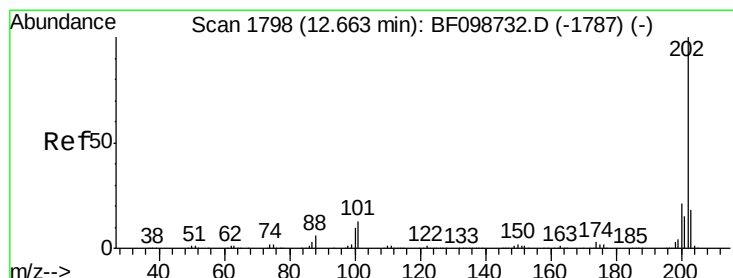
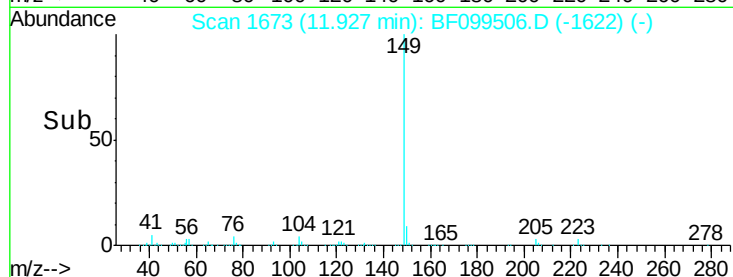
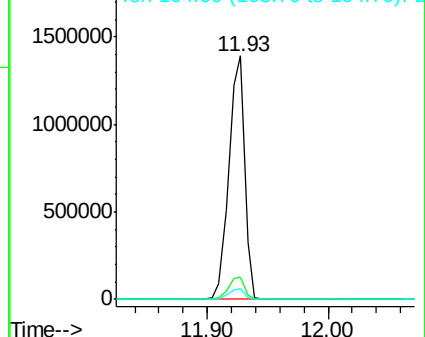
104 4.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.25 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

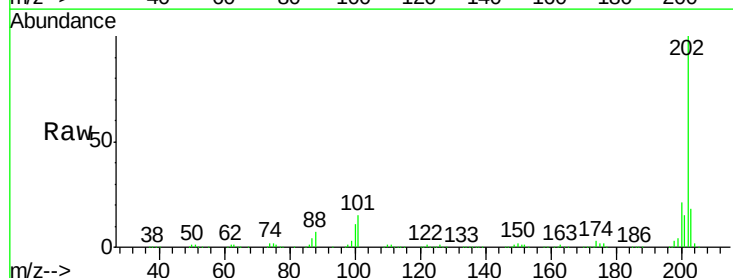
Tgt Ion:202 Resp: 1058537

Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.1

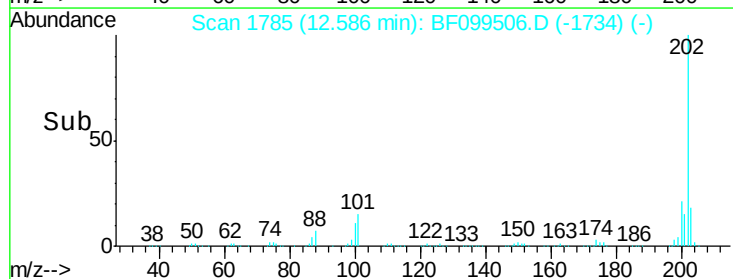
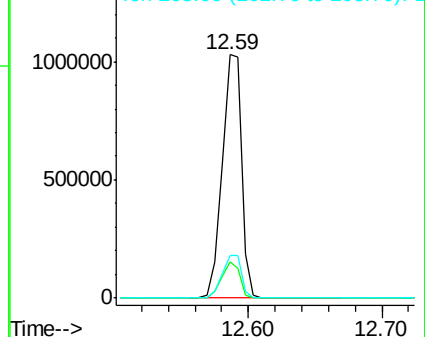
203 17.7 0.0 38.1

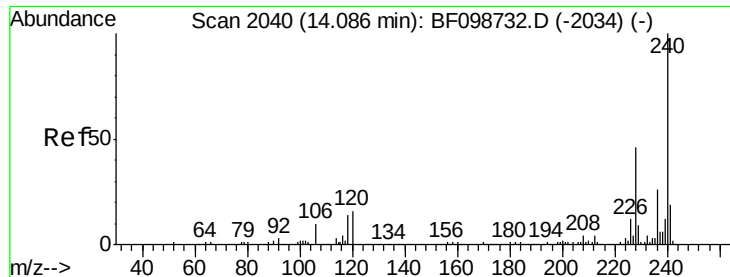


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

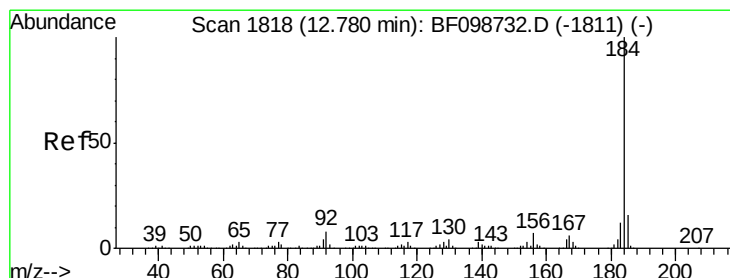
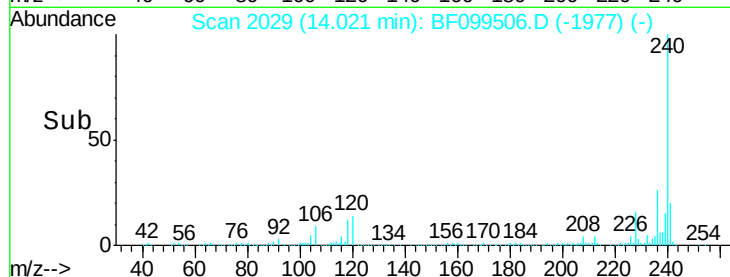
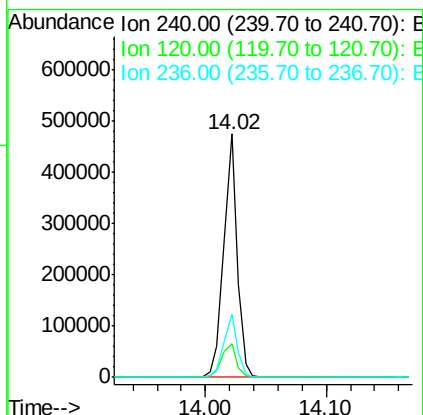
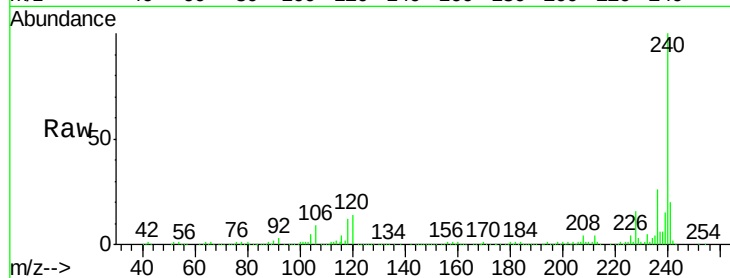




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

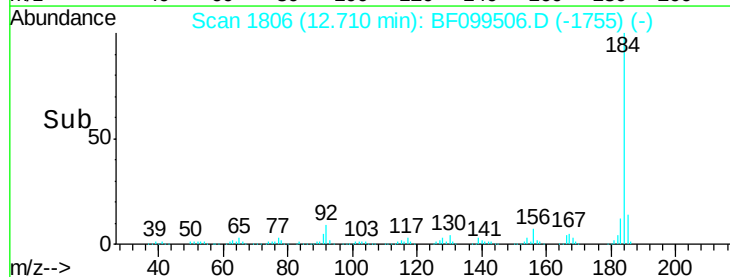
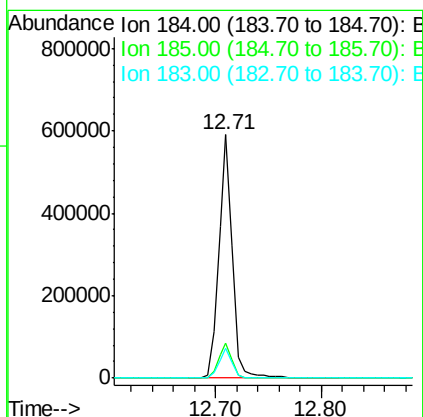
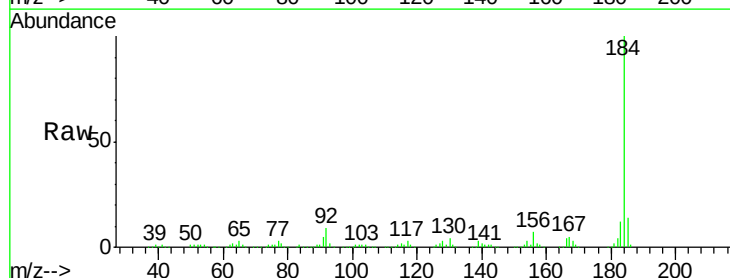
Instrument :
BNA_F
ClientSampleId :

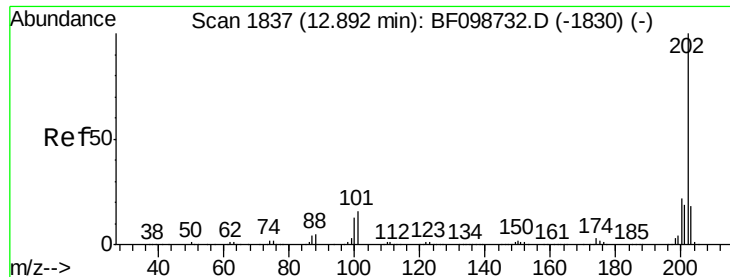
Tot Ion:240 Resp: 365469
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 26.2 20.7 31.1



#76
Benzidine
Concen: 39.60 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Tgt Ion:184 Resp: 535335
Ion Ratio Lower Upper
184 100
185 14.5 12.6 18.8
183 12.1 9.3 13.9

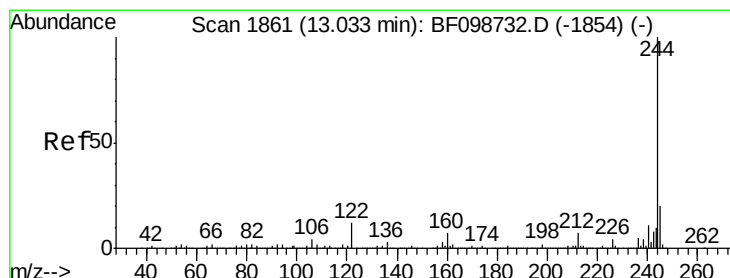
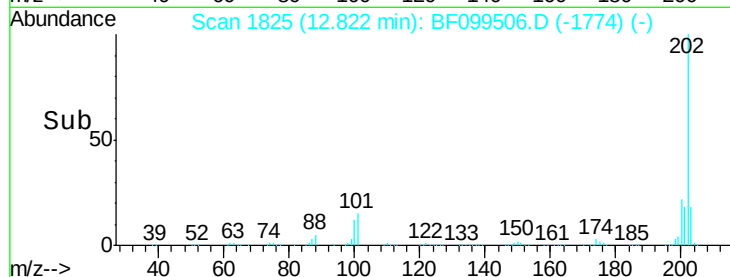
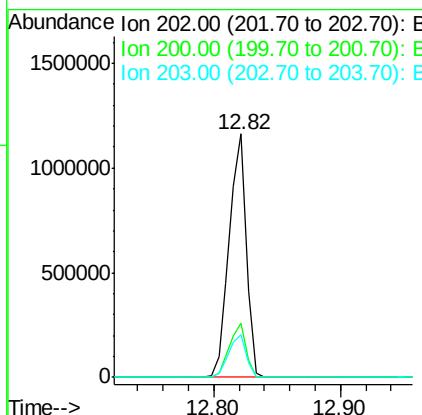
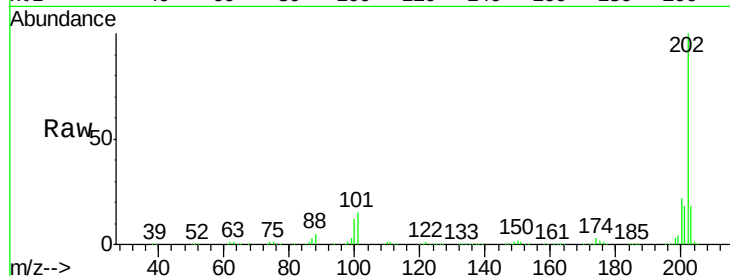




#77
 Pvrene
 Concen: 39.05 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF099506.D
 Acq: 15 Oct 2017 11:33

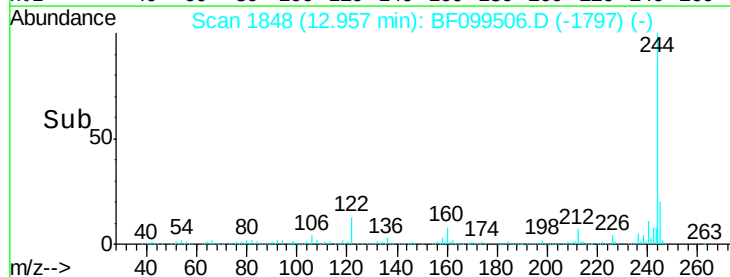
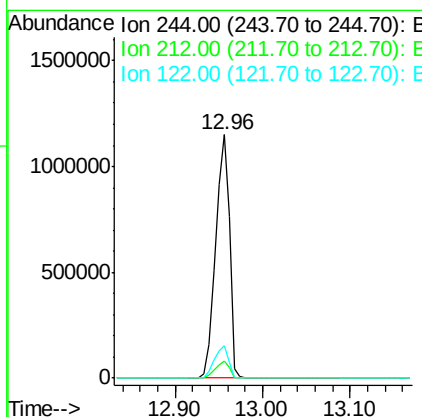
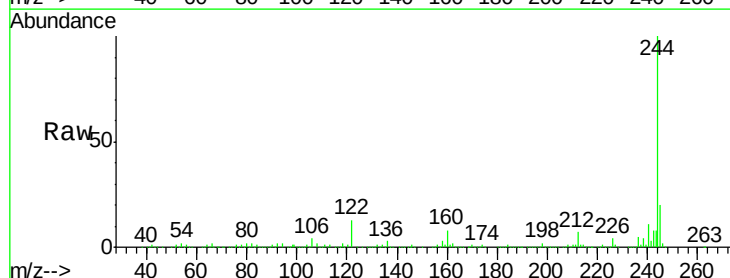
Instrument :
 BNA_F
 ClientSampleId :

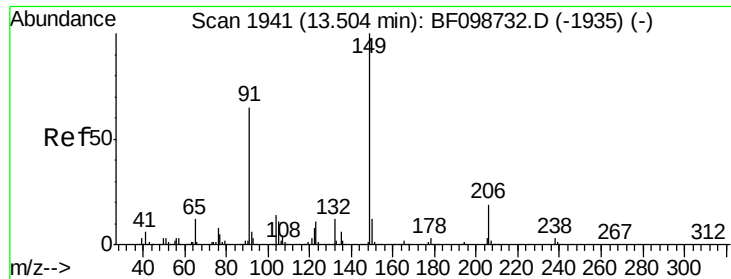
Tot Ion:202 Resp: 1088189
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.4 26.2
 203 17.5 14.3 21.5



#78
 Terphenyl-d14
 Concen: 78.80 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BF099506.D
 Acq: 15 Oct 2017 11:33

Tgt Ion:244 Resp: 1266275
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.2 11.0 16.4

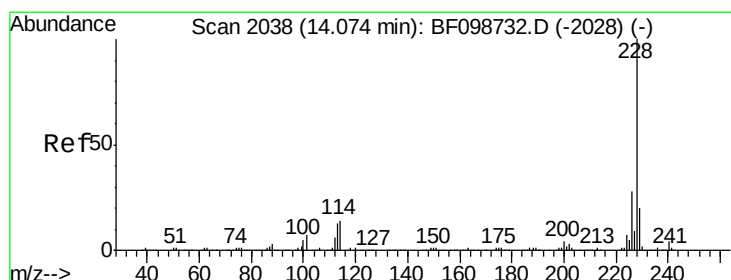
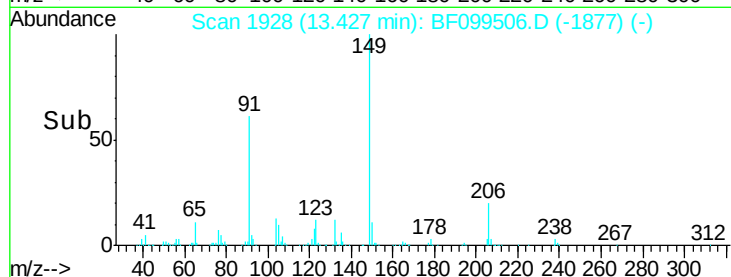
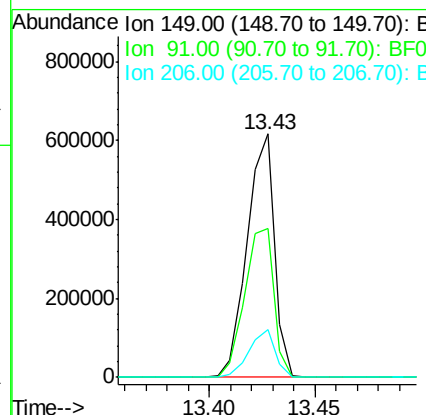
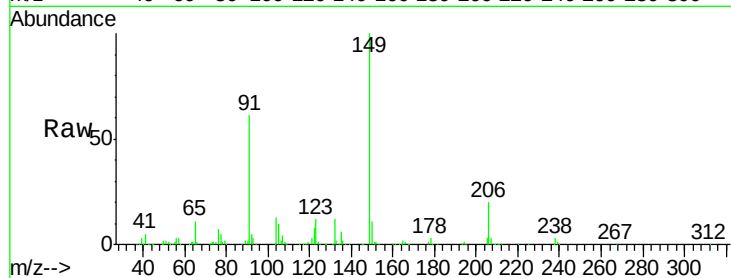




#79
Butylbenzylphthalate
Concen: 42.36 ng
RT: 13.43 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

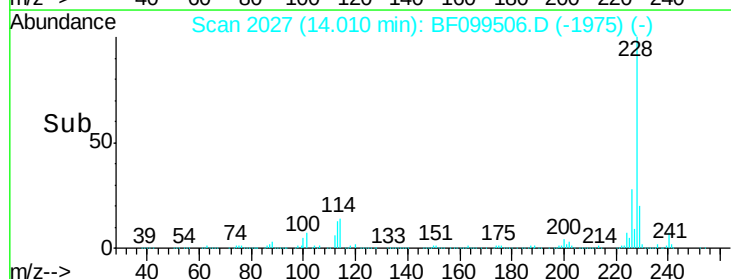
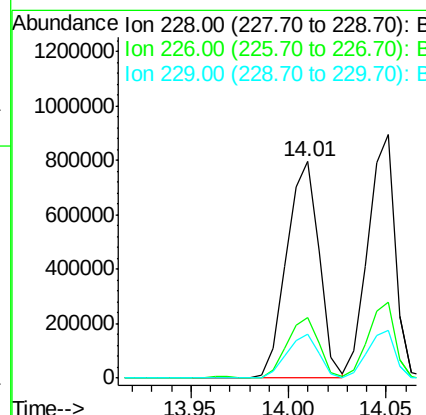
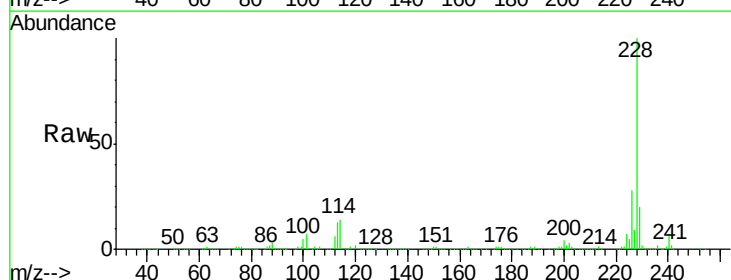
Instrument :
BNA_F
ClientSampled :

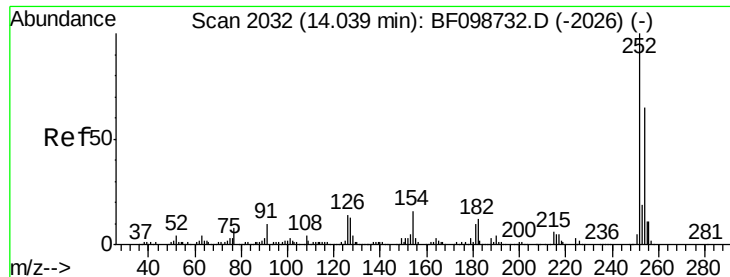
Tot Ion:149 Resp: 554801
Ion Ratio Lower Upper
149 100
91 61.1 56.8 85.2
206 19.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 41.29 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Tgt Ion:228 Resp: 913803
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.4 15.8 23.6

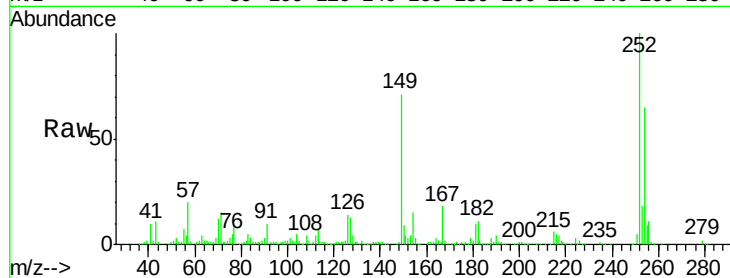




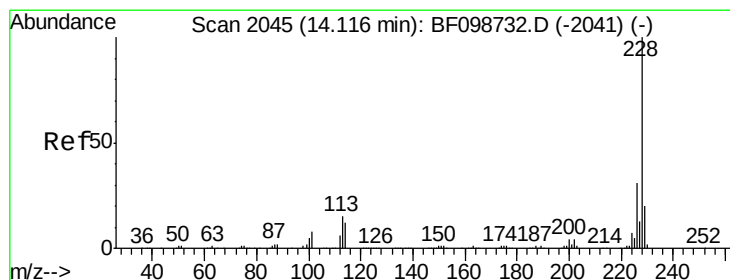
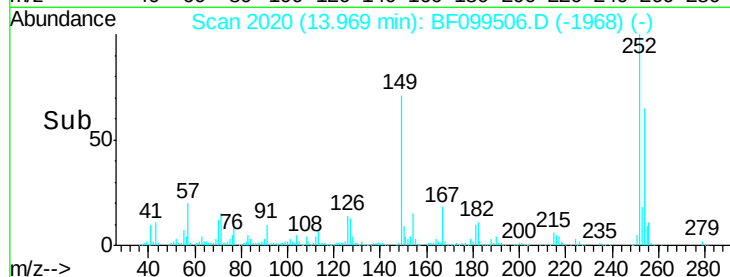
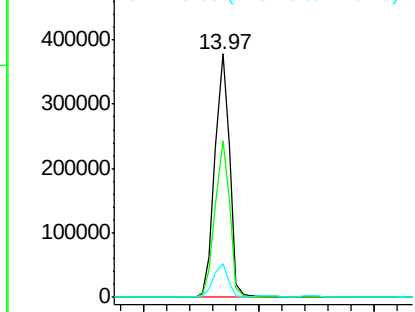
#81
 3,3'-Dichlorobenzidine
 Concen: 41.32 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF099506.D
 Acq: 15 Oct 2017 11:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 335224
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.4 75.6
 126 13.9 11.3 16.9

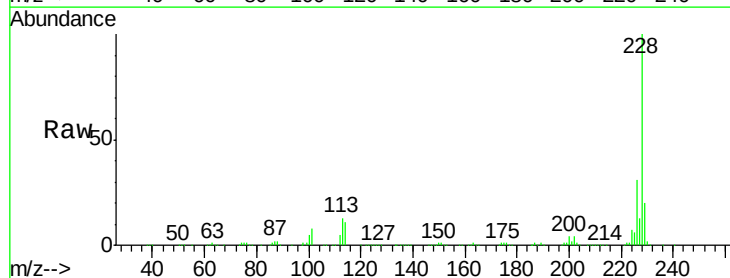


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

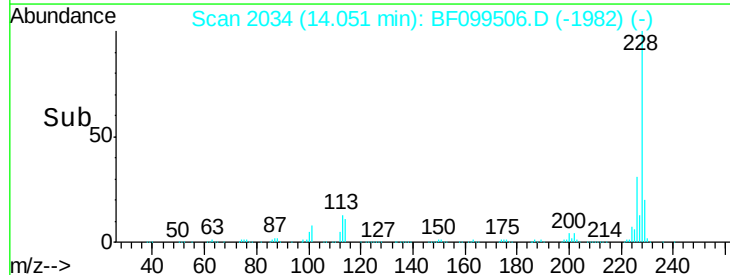
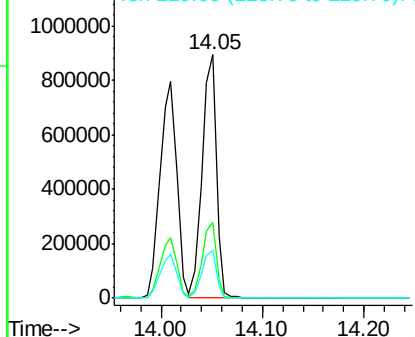


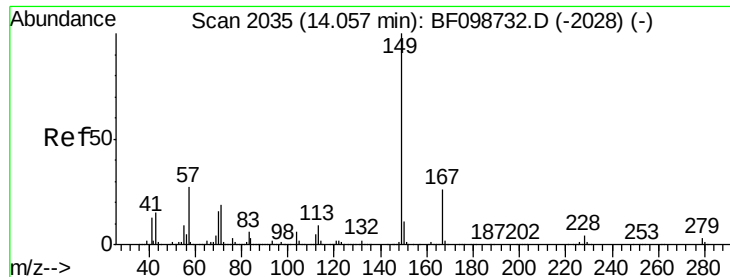
#82
 Chrysene
 Concen: 41.48 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF099506.D
 Acq: 15 Oct 2017 11:33

Tgt Ion:228 Resp: 873883
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 19.8 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.50 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

Instrument :

BNA_F

ClientSampleId :

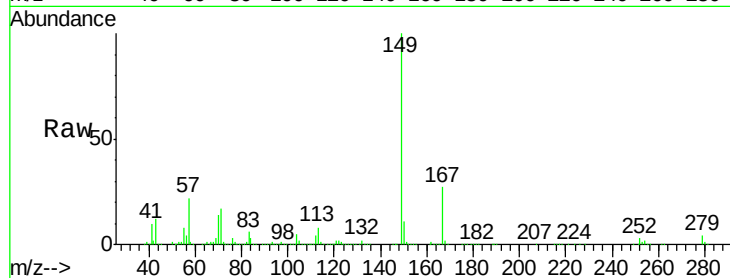
Tot Ion:149 Resp: 712372

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

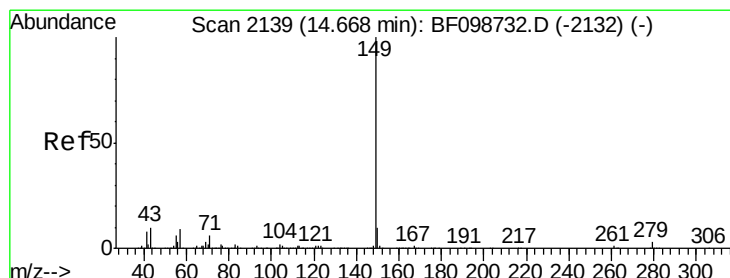
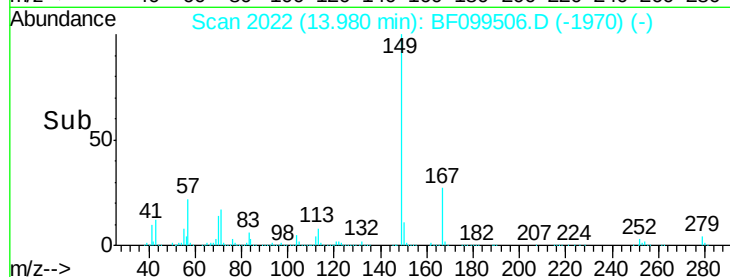
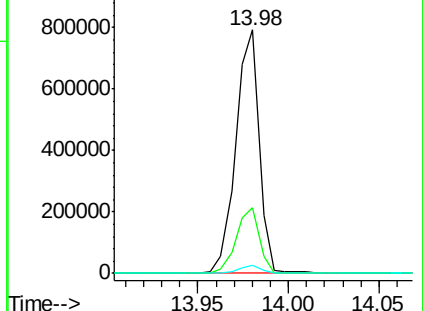
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.07 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

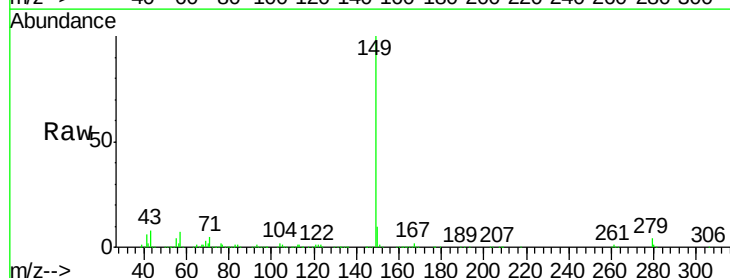
Tgt Ion:149 Resp: 1279844

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

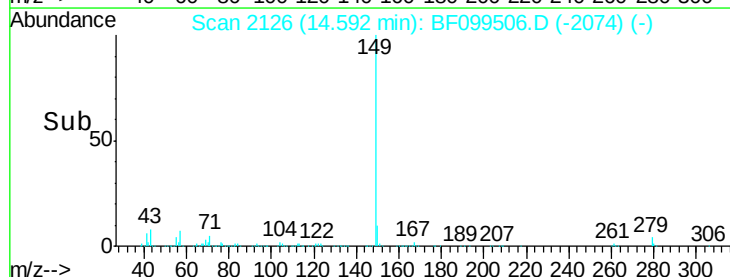
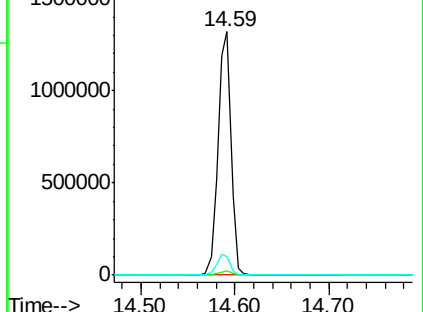
43 8.6 8.4 12.6

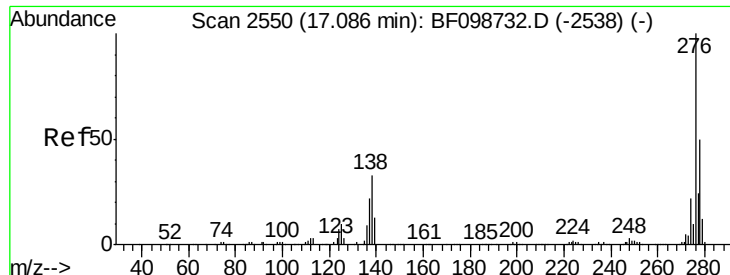


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

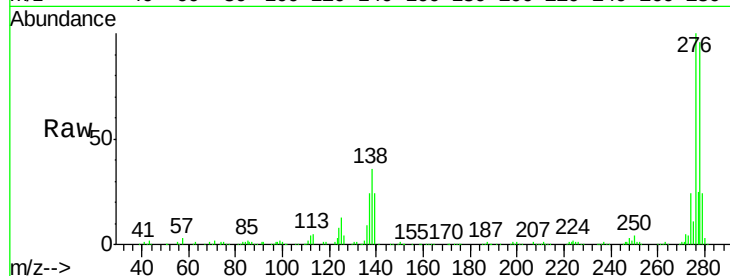




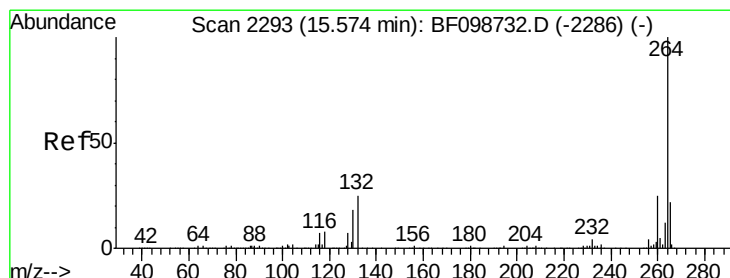
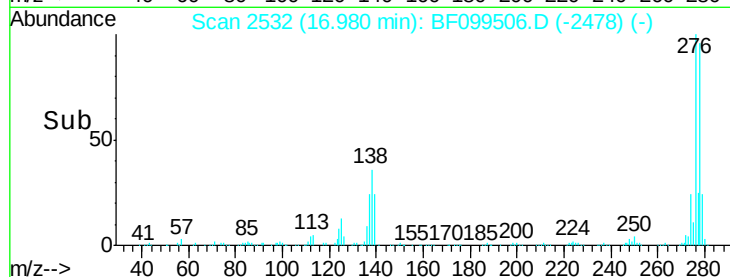
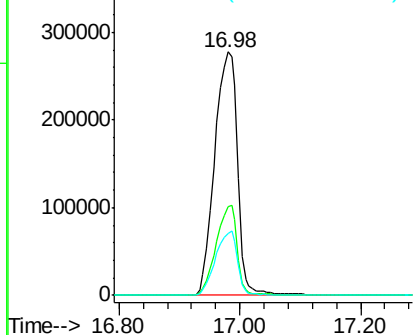
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.43 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. 0.02 min
 Lab File: BF099506.D
 Acq: 15 Oct 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.3	25.0	37.6
277	25.3	20.1	30.1

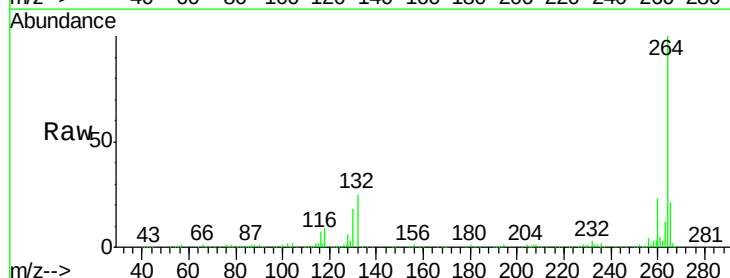


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

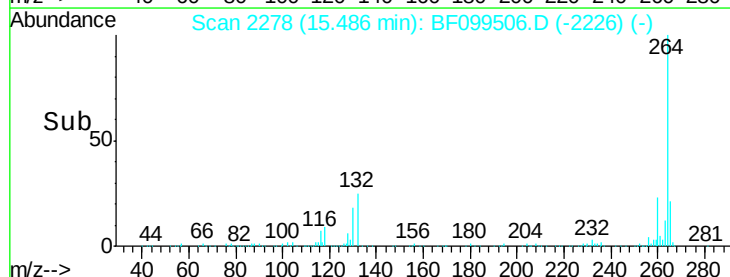
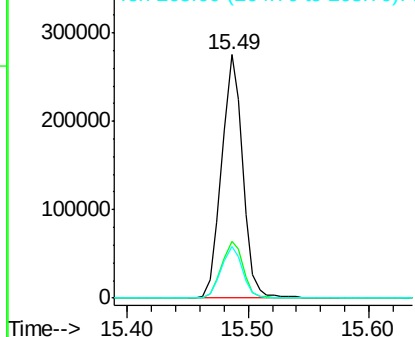


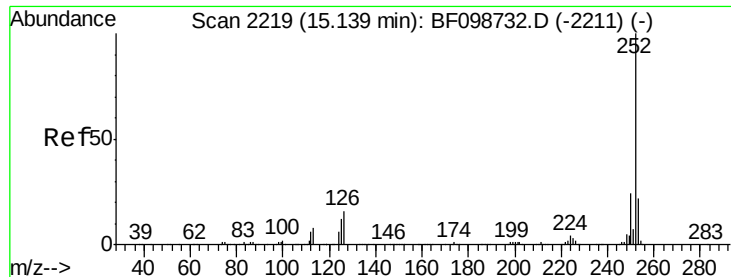
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099506.D
 Acq: 15 Oct 2017 11:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.0	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

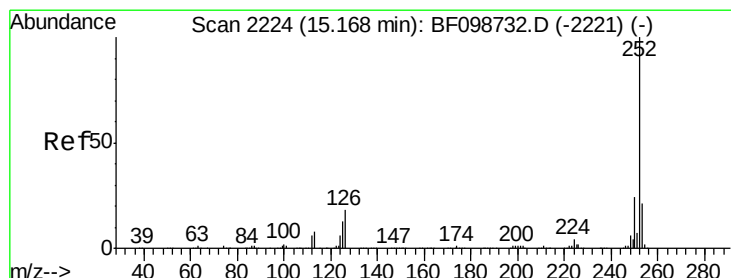
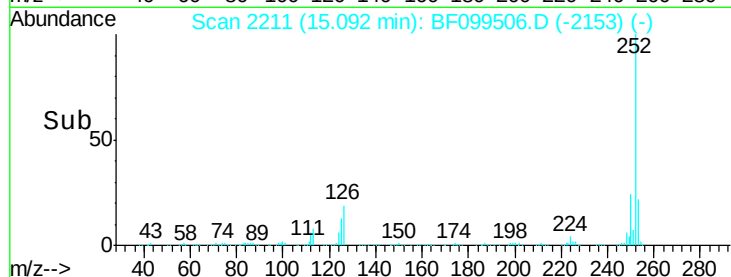
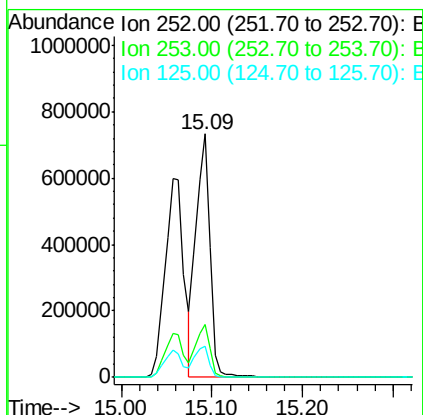
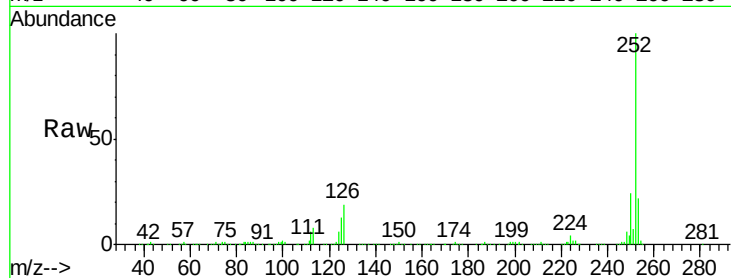




#87
Benzo(b)fluoranthene
Concen: 38.11 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.04 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

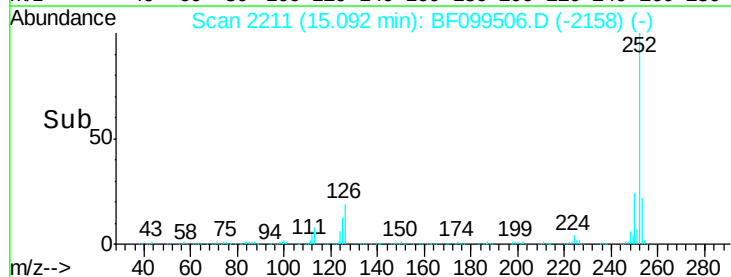
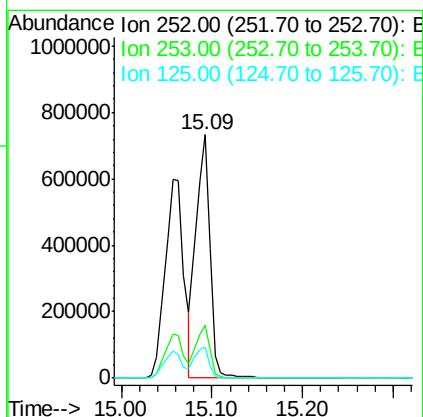
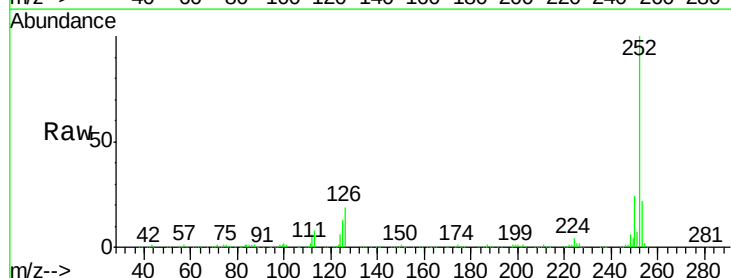
Instrument :
BNA_F
ClientSampleId :

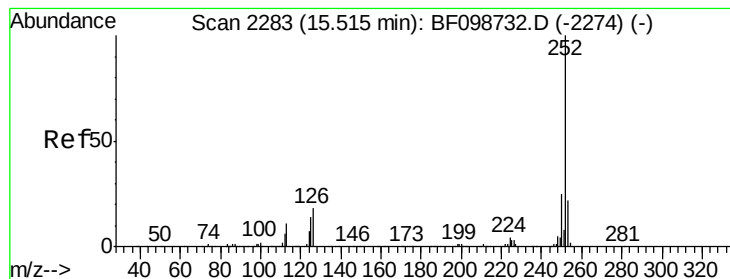
Tot Ion:252 Resp: 781381
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 12.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.59 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF099506.D
Acq: 15 Oct 2017 11:33

Tgt Ion:252 Resp: 781381
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 12.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 40.48 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

Instrument :

BNA_F

ClientSampleId :

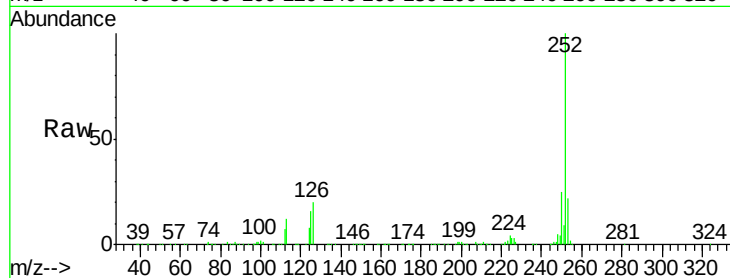
Tot Ion:252 Resp: 761686

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

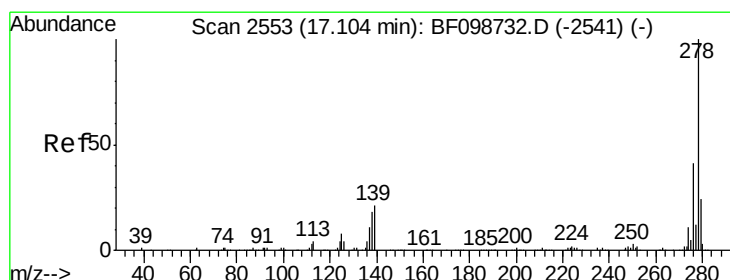
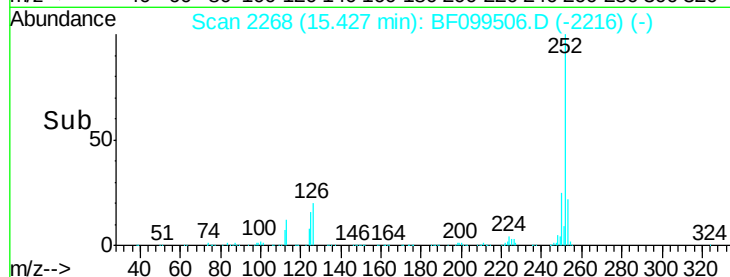
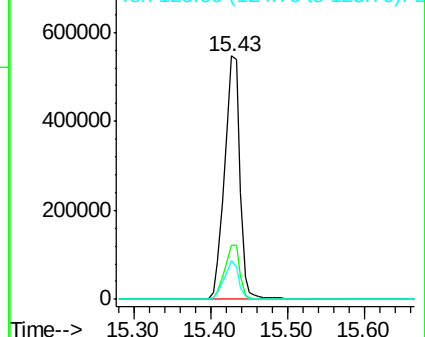
125 15.8 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.28 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

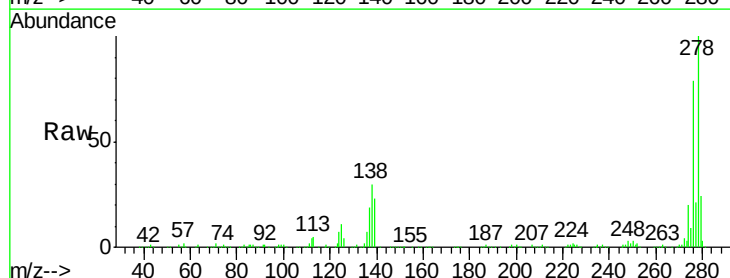
Tgt Ion:278 Resp: 591562

Ion Ratio Lower Upper

278 100

139 22.7 15.9 23.9

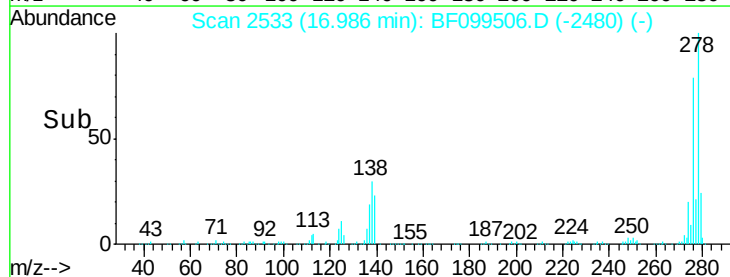
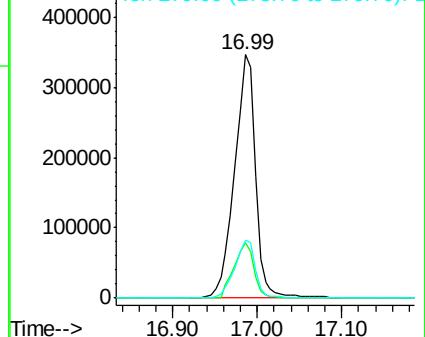
279 23.8 19.0 28.4

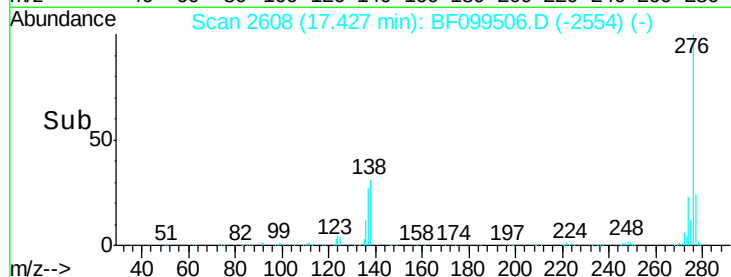
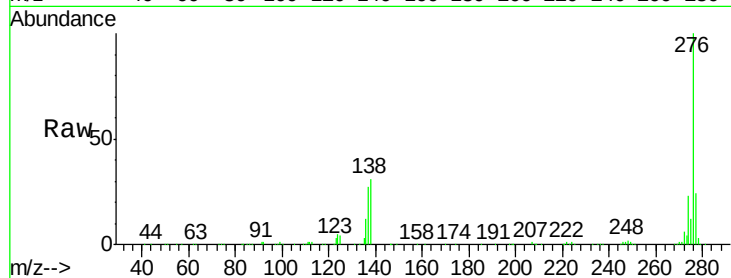
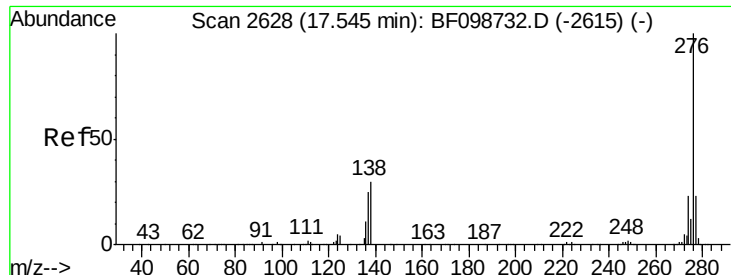


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.59 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.02 min

Lab File: BF099506.D

Acq: 15 Oct 2017 11:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 604317

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 31.1 21.8 32.8

