

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
 Data File : BF099072.D
 Acq On : 4 Oct 2017 17:44
 Operator : SJ/JU
 Sample : PB102901BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 01:08:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	119538	20.00	ng	-0.06
21) Naphthalene-d8	8.15	136	505405	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	230153	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	400229	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	262076	20.00	ng	-0.05
86) Perylene-d12	15.50	264	198831	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	933222	124.28	ng	-0.04
7) Phenol-d6	6.50	99	1137832	122.83	ng	-0.05
23) Nitrobenzene-d5	7.43	82	690081	87.56	ng	-0.05
41) 2,4,6-Tribromophenol	10.70	330	239351	127.09	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	1277125	92.64	ng	-0.06
78) Terphenyl-d14	12.97	244	1055524	91.59	ng	-0.06

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.74	88	129354	36.06	ng	97
3) Pyridine	3.50	79	357936	36.89	ng	96
4) n-Nitrosodimethylamine	3.46	42	157380	38.25	ng	89
6) Aniline	6.53	93	248808	19.90	ng	98
8) 2-Chlorophenol	6.65	128	345659	40.65	ng	99
9) Benzaldehyde	6.42	77	160318	29.84	ng	97
10) Phenol	6.51	94	421228	40.66	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	327037	40.61	ng	97
12) 1,3-Dichlorobenzene	6.80	146	364243	40.90	ng	98
13) 1,4-Dichlorobenzene	6.88	146	374241	41.30	ng	100
14) 1,2-Dichlorobenzene	7.03	146	345018	41.21	ng	100
15) Benzyl Alcohol	7.00	79	284023	41.79	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	499474	39.80	ng	96
17) 2-Methylphenol	7.12	107	291591	41.91	ng	98
18) Hexachloroethane	7.37	117	129101	39.64	ng	94
19) n-Nitroso-di-n-propylamine	7.28	70	231081	39.07	ng	95
20) 3+4-Methylphenols	7.27	107	350843	39.86	ng	# 80
22) Acetophenone	7.27	105	467478	38.18	ng	# 99
24) Nitrobenzene	7.45	77	351489	39.32	ng	94
25) Isophorone	7.69	82	662388	40.65	ng	100
26) 2-Nitrophenol	7.76	139	191617	44.57	ng	96
27) 2,4-Dimethylphenol	7.80	122	329255	40.56	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	422760	41.63	ng	98
29) 2,4-Dichlorophenol	8.00	162	292565	41.97	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	291325	41.79	ng	98
31) Naphthalene	8.17	128	981860	41.36	ng	99
32) Benzoic acid	7.92	122	196853	29.52	ng	96
33) 4-Chloroaniline	8.22	127	74359	7.50	ng	96
34) Hexachlorobutadiene	8.28	225	142362	39.65	ng	99
35) Caprolactam	8.59	113	54269	24.27	ng	91
36) 4-Chloro-3-methylphenol	8.70	107	313846	40.06	ng	99
37) 2-Methylnaphthalene	8.86	142	690011	44.72	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	261599	38.11	ng	99
40) Hexachlorocyclopentadiene	9.01	237	194014	61.85	ng	99

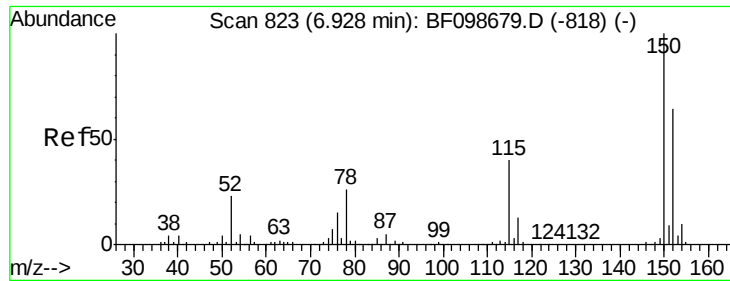
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
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 Acq On : 4 Oct 2017 17:44
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Quant Time: Oct 05 01:08:29 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	193958	39.89	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	200933	41.39	nq	95
45) 1,1'-Biphenyl	9.33	154	793117	40.10	nq	98
46) 2-Chloronaphthalene	9.35	162	616561	41.52	nq	98
47) 2-Nitroaniline	9.45	65	187521	41.24	nq	100
48) Acenaphthylene	9.77	152	947609	41.68	nq	100
49) Dimethylphthalate	9.63	163	724074	41.68	nq	100
50) 2,6-Dinitrotoluene	9.69	165	164338	43.46	nq	# 83
51) Acenaphthene	9.94	154	561585	38.99	nq	99
52) 3-Nitroaniline	9.86	138	81547	18.49	nq	90
53) 2,4-Dinitrophenol	9.97	184	145226	74.22	nq	99
54) Dibenzofuran	10.11	168	839507	43.78	nq	99
55) 4-Nitrophenol	10.02	139	273236	73.28	nq	92
56) 2,4-Dinitrotoluene	10.10	165	216960	44.21	nq	90
57) Fluorene	10.46	166	650223	42.19	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	149459	44.57	nq	98
59) Diethylphthalate	10.33	149	705616	41.57	nq	97
60) 4-Chlorophenyl-phenylether	10.45	204	290046	41.90	nq	94
61) 4-Nitroaniline	10.47	138	183110	43.04	nq	94
62) Azobenzene	10.60	77	675819	43.30	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	100026	41.08	nq	87
65) n-Nitrosodiphenylamine	10.56	169	584498	42.16	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	168699	43.06	nq	96
67) Hexachlorobenzene	11.00	284	171292	40.94	nq	96
68) Atrazine	11.09	200	180938	43.37	nq	98
69) Pentachlorophenol	11.20	266	179063	68.76	nq	99
70) Phenanthrene	11.42	178	915110	42.72	nq	99
71) Anthracene	11.47	178	951435	43.40	nq	100
72) Carbazole	11.62	167	883367	41.15	nq	100
73) Di-n-butylphthalate	11.95	149	1078918	41.76	nq	100
74) Fluoranthene	12.60	202	909308	41.92	nq	99
76) Benzidine	12.72	184	285526	29.46	nq	98
77) Pyrene	12.83	202	931266	46.60	nq	99
79) Butylbenzylphthalate	13.44	149	448928	47.80	nq	95
80) Benzo(a)anthracene	14.02	228	674966	42.53	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	119517	20.54	nq	99
82) Chrysene	14.06	228	629463	41.66	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	614101	47.49	nq	# 99
84) Di-n-octyl phthalate	14.61	149	920112	44.19	nq	97
85) Indeno(1,2,3-cd)pyrene	16.99	276	511444	42.32	nq	96
87) Benzo(b)fluoranthene	15.07	252	539265	44.11	nq	96
88) Benzo(k)fluoranthene	15.10	252	480058	39.76	nq	98
89) Benzo(a)pyrene	15.44	252	482287	42.98	nq	# 96
90) Dibenzo(a,h)anthracene	17.00	278	424798	47.30	nq	97
91) Benzo(g,h,i)perylene	17.44	276	439491	49.51	nq	98

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

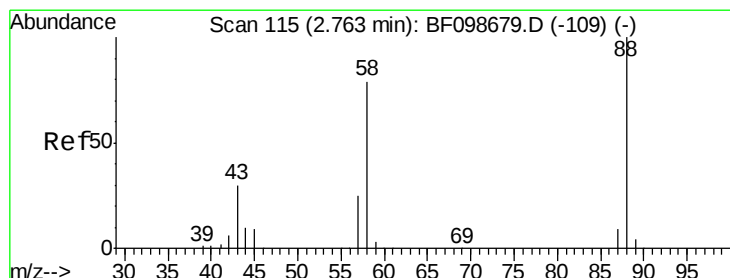
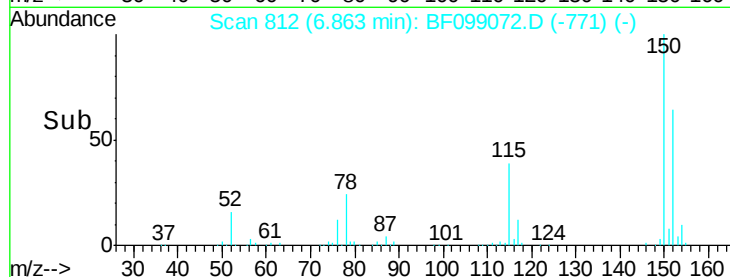
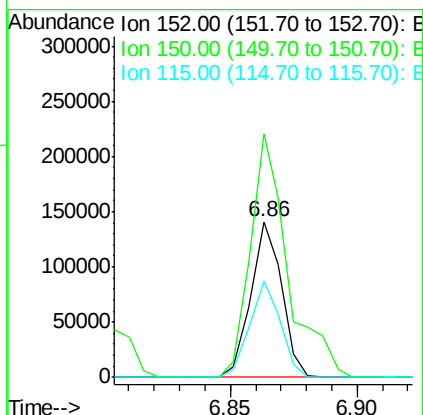
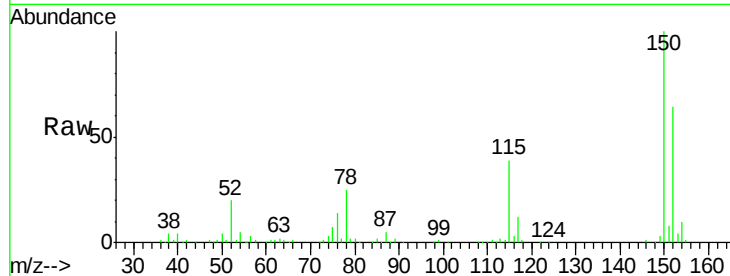


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Instrument :
BNA_F
ClientSampled :

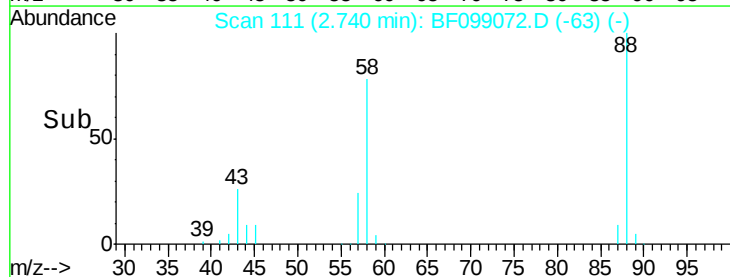
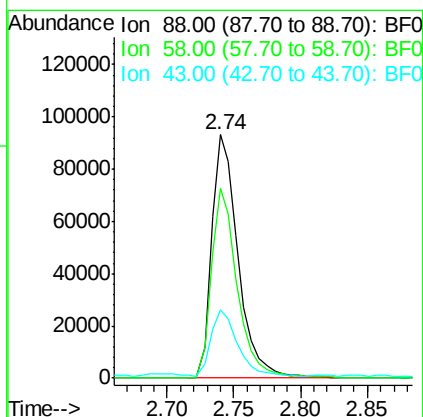
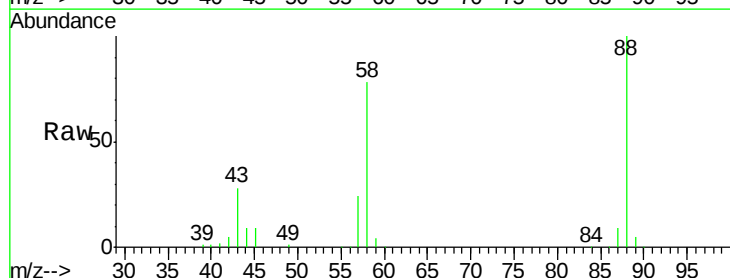
Tot Ion:152 Resp: 119538
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 61.7 50.1 75.1

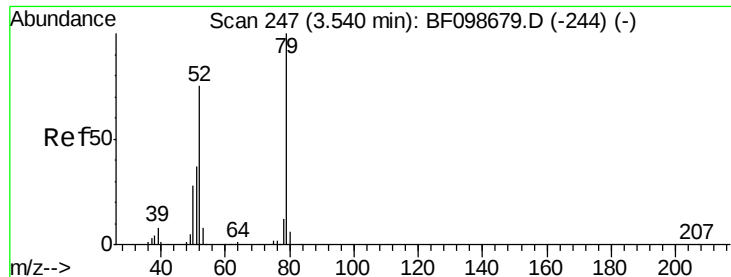


#2

1,4-Dioxane
Concen: 36.06 ng
RT: 2.74 min Scan# 111
Delta R.T. -0.02 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Tgt Ion: 88 Resp: 129354
Ion Ratio Lower Upper
88 100
58 77.1 62.6 93.8
43 26.8 24.6 37.0





#3

Pvridine

Concen: 36.89 ng

RT: 3.50 min Scan# 240

Delta R.T. -0.03 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

Instrument :

BNA_F

ClientSampleId :

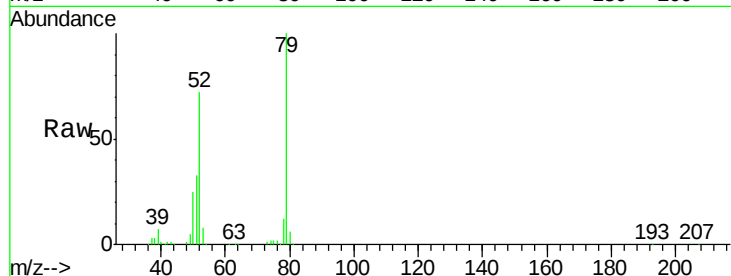
Tot Ion: 79 Resp: 357936

Ion Ratio Lower Upper

79 100

52 72.1 59.8 89.6

51 33.5 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

200000

150000

100000

50000

0

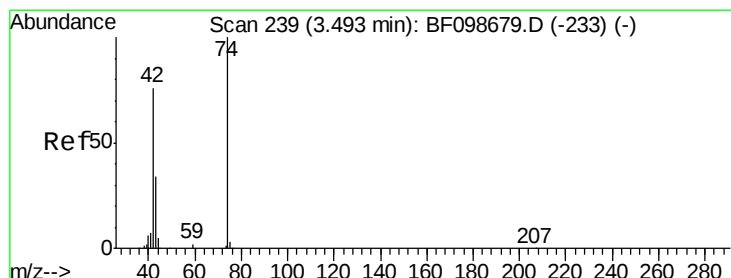
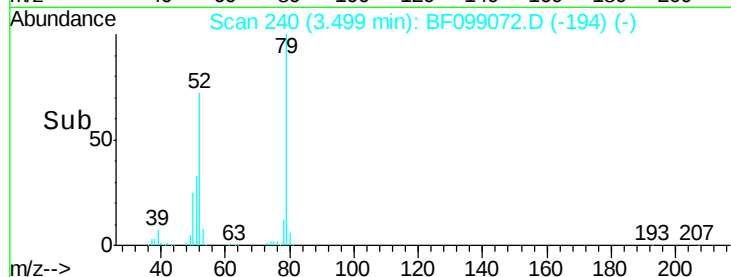
3.50

3.40

3.60

3.80

Time-->



#4

n-Nitrosodimethylamine

Concen: 38.25 ng

RT: 3.46 min Scan# 233

Delta R.T. -0.03 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

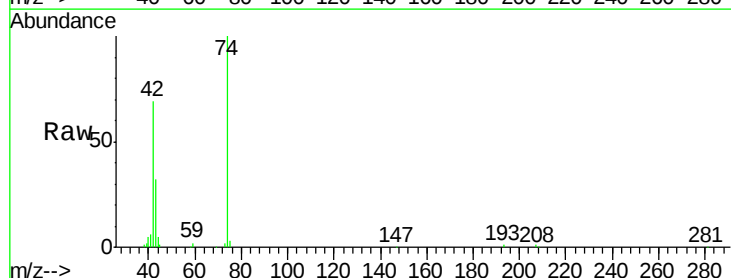
Tgt Ion: 42 Resp: 157380

Ion Ratio Lower Upper

42 100

74 144.0 104.9 157.3

44 7.0 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

150000

100000

50000

0

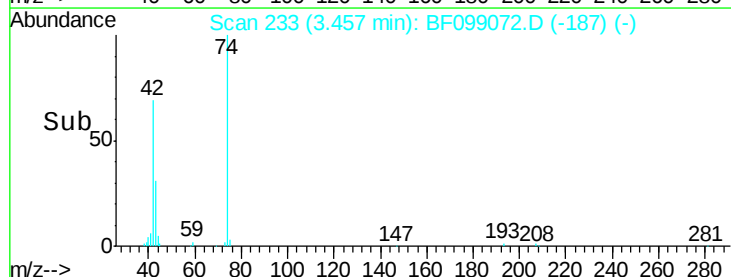
3.46

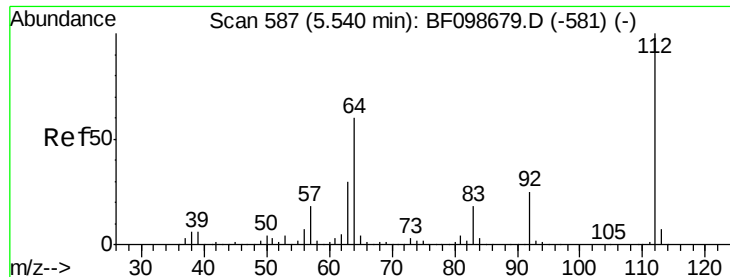
3.40

3.50

3.60

Time-->





#5

2-Fluorophenol

Concen: 124.28 ng

RT: 5.50 min Scan# 580

Delta R.T. -0.04 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

Instrument :

BNA_F

ClientSampled :

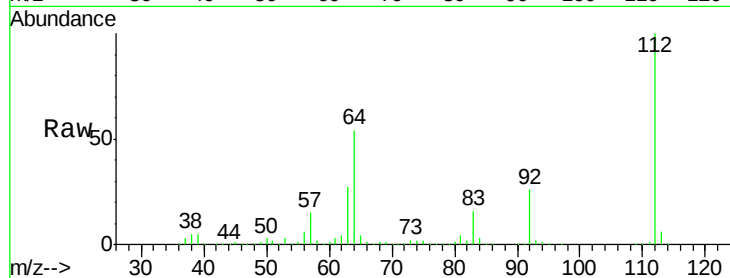
Tot Ion: 112 Resp: 933222

Ion Ratio Lower Upper

112 100

64 54.3 47.9 71.9

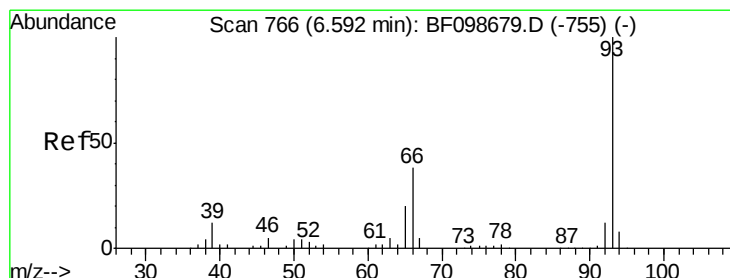
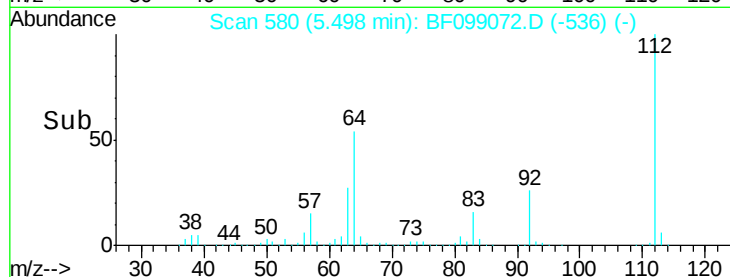
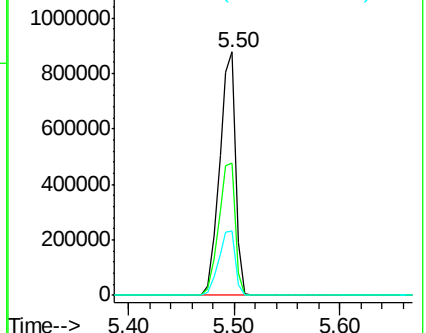
63 26.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.90 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.05 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

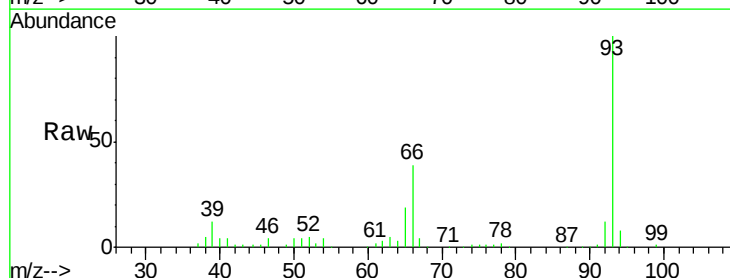
Tgt Ion: 93 Resp: 248808

Ion Ratio Lower Upper

93 100

66 39.3 32.2 48.2

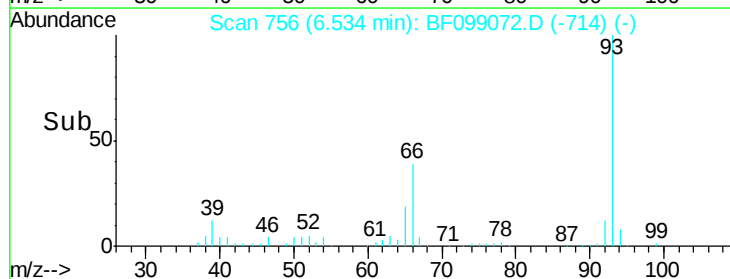
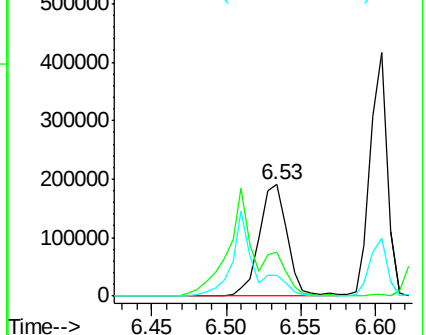
65 19.0 16.4 24.6

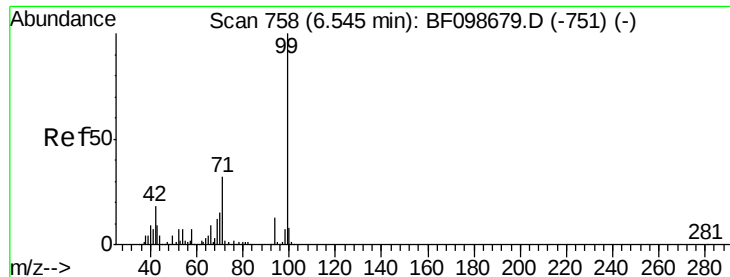


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.83 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

Instrument :

BNA_F

ClientSampled :

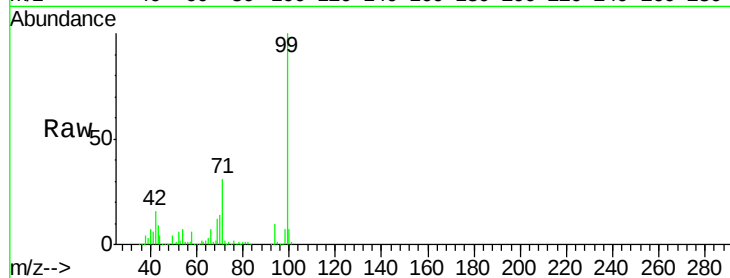
Tot Ion: 99 Resp: 1137832

Ion Ratio Lower Upper

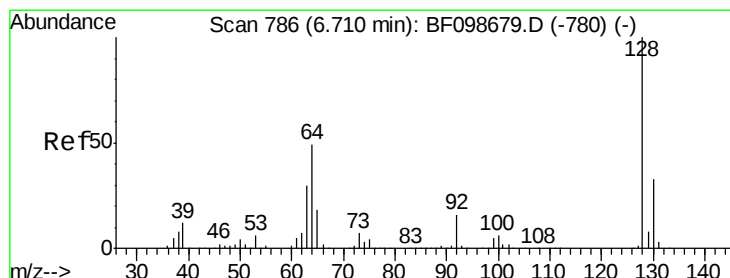
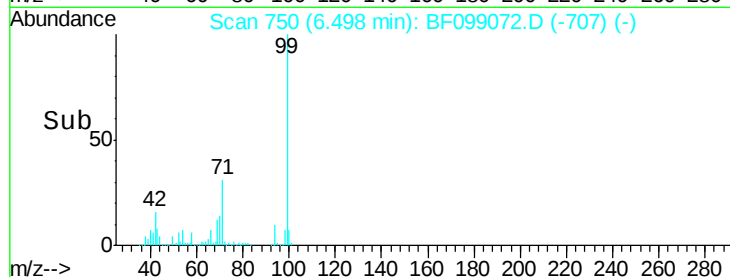
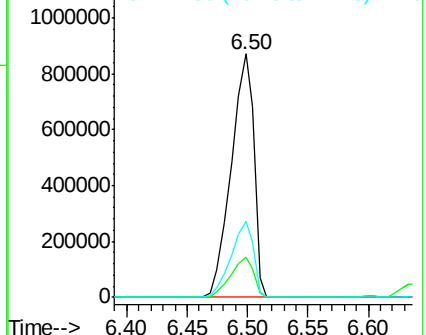
99 100

42 16.4 14.5 21.7

71 31.1 25.4 38.0



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



#8

2-Chlorophenol

Concen: 40.65 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.06 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

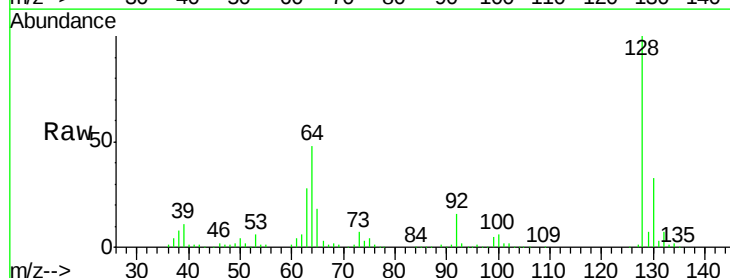
Tgt Ion: 128 Resp: 345659

Ion Ratio Lower Upper

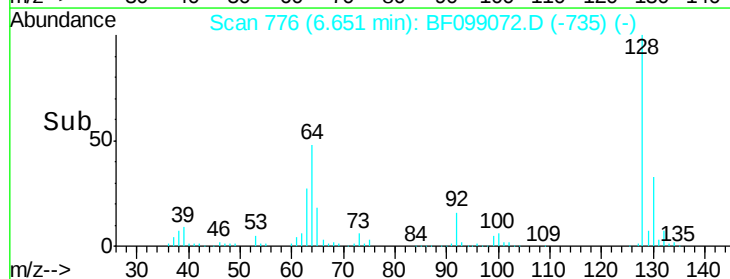
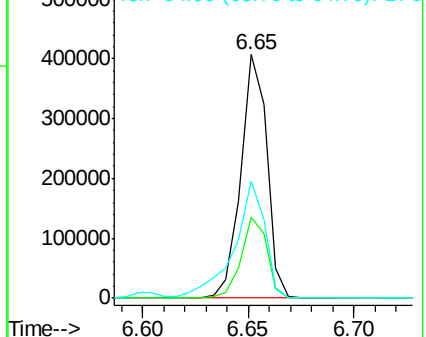
128 100

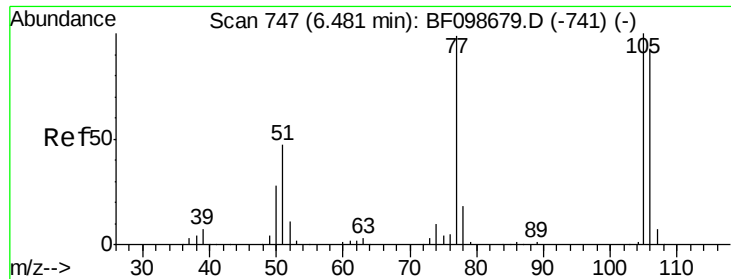
130 33.2 13.0 53.0

64 48.0 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: 29.84 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.06 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

Instrument :

BNA_F

ClientSampleId :

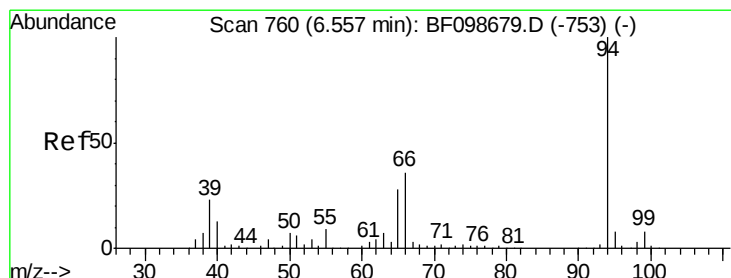
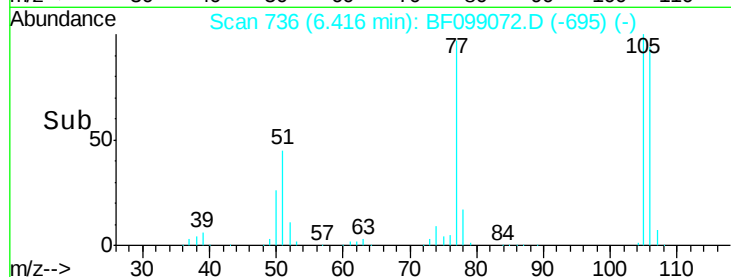
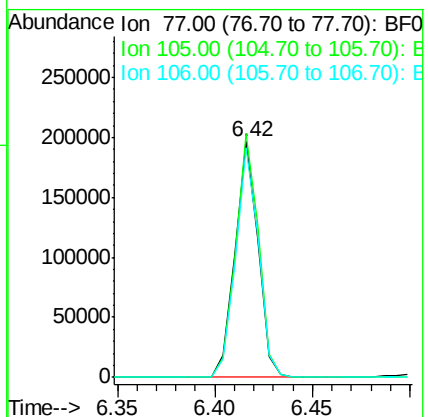
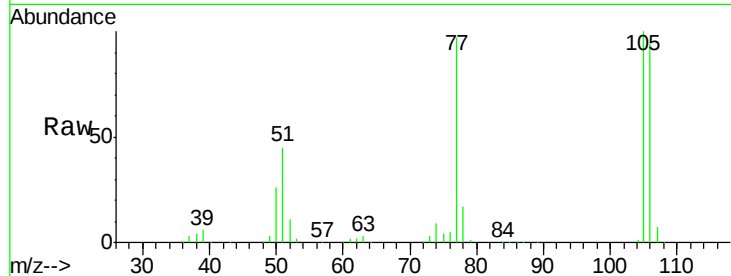
Tot Ion: 77 Resp: 160318

Ion Ratio Lower Upper

77 100

105 103.4 81.1 121.1

106 97.6 74.5 114.5



#10

Phenol

Concen: 40.66 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.05 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

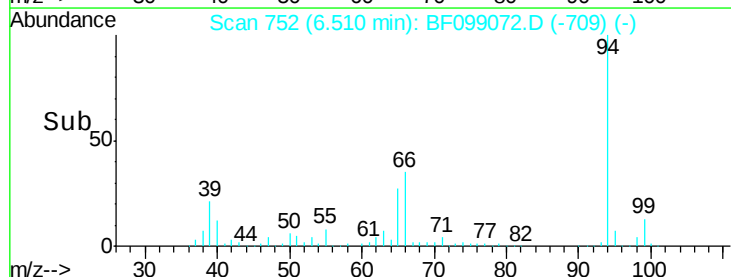
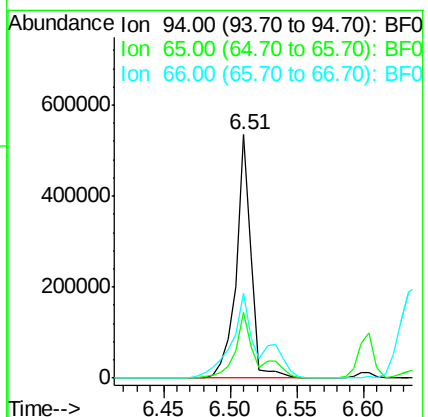
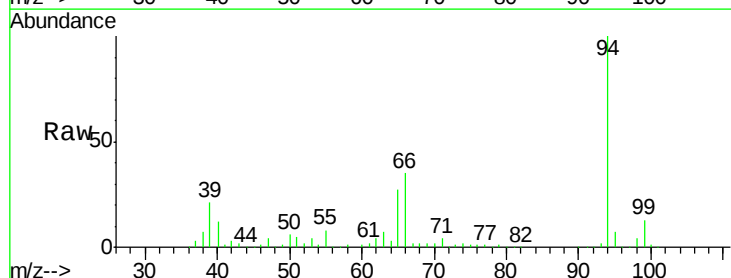
Tgt Ion: 94 Resp: 421228

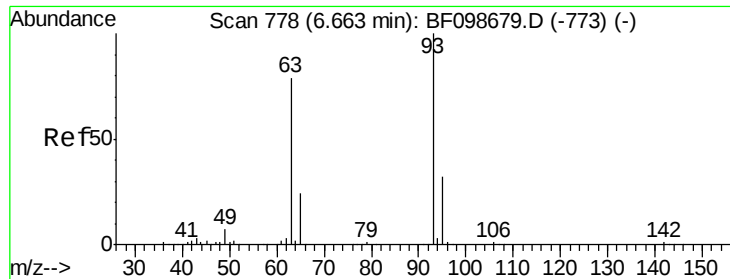
Ion Ratio Lower Upper

94 100

65 27.2 7.9 47.9

66 34.6 16.2 56.2

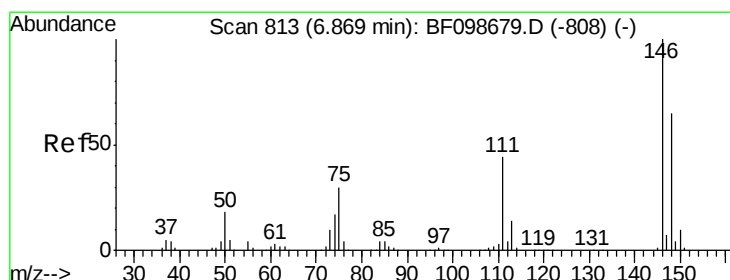
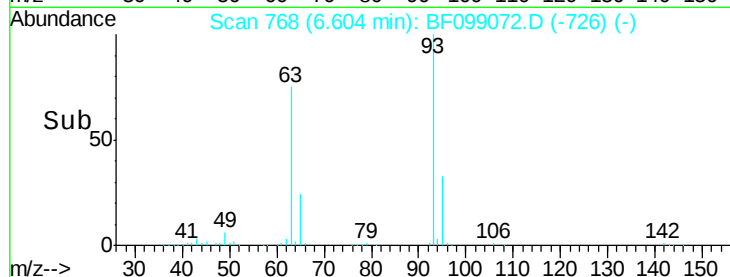
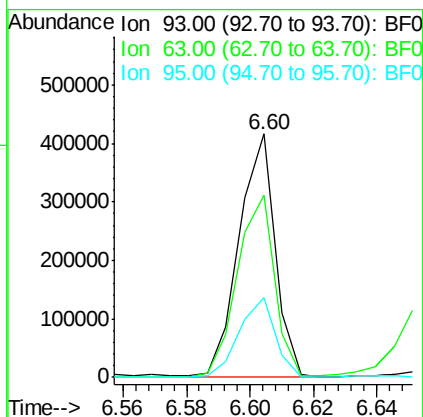
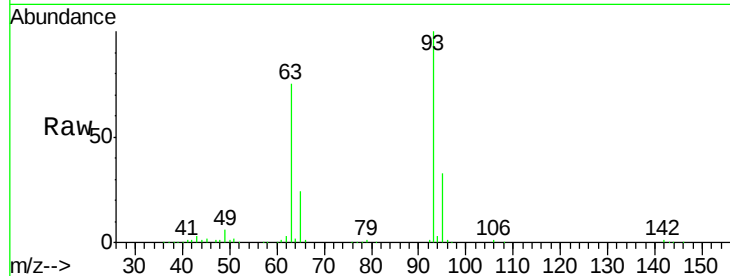




#11
bis(2-Chloroethyl)ether
Concen: 40.61 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

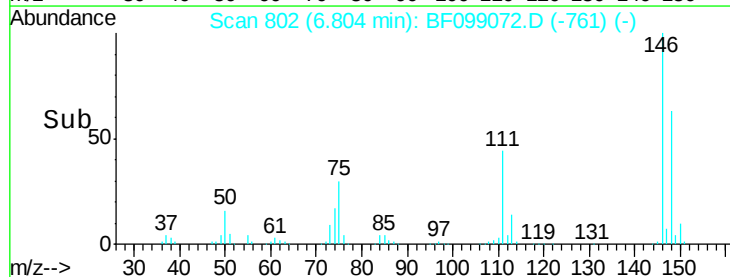
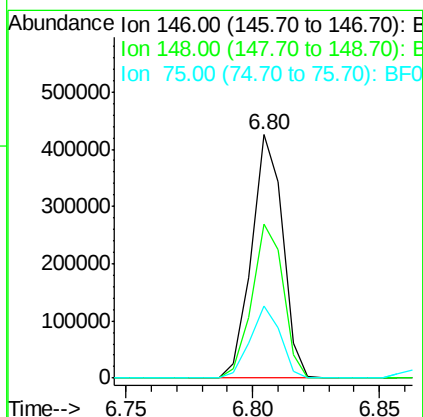
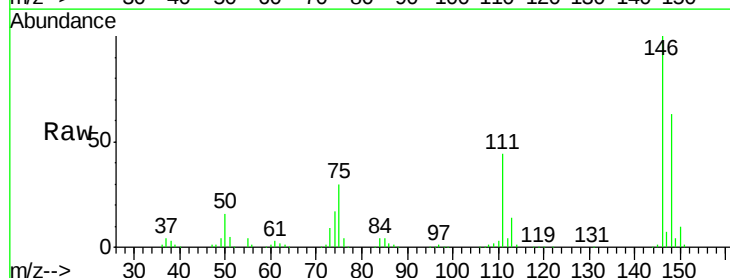
Instrument :
BNA_F
ClientSampleId :

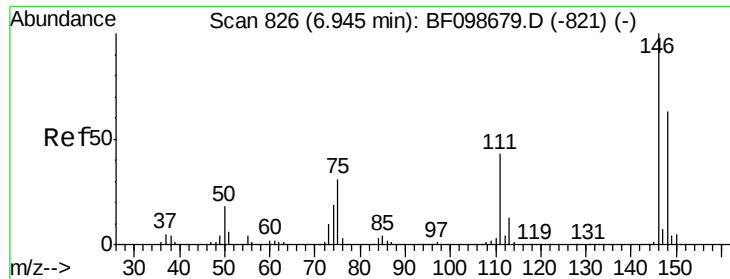
Tot Ion: 93 Resp: 327037
Ion Ratio Lower Upper
93 100
63 75.0 58.6 98.6
95 32.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.90 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.06 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Tgt Ion: 146 Resp: 364243
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.8
75 29.8 24.2 36.4

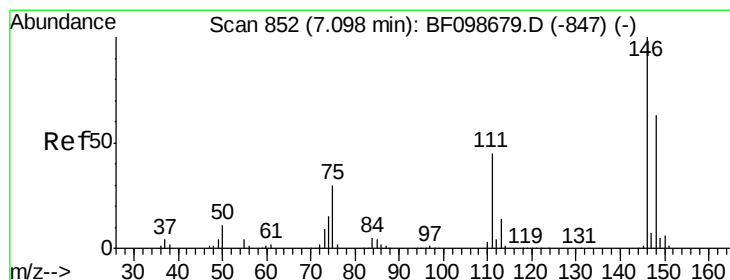
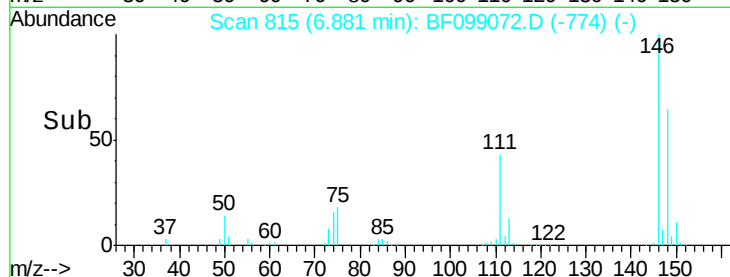
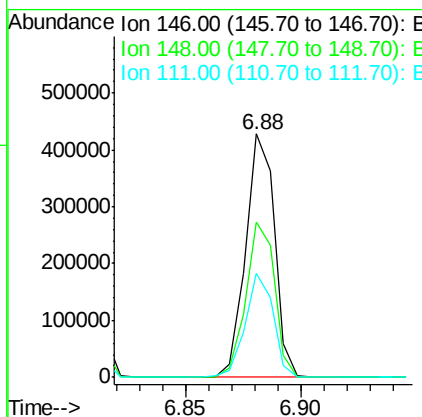
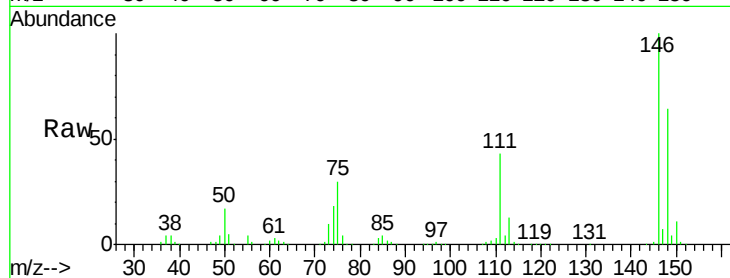




#13
 1,4-Dichlorobenzene
 Concen: 41.30 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.06 min
 Lab File: BF099072.D
 Acq: 4 Oct 2017 17:44

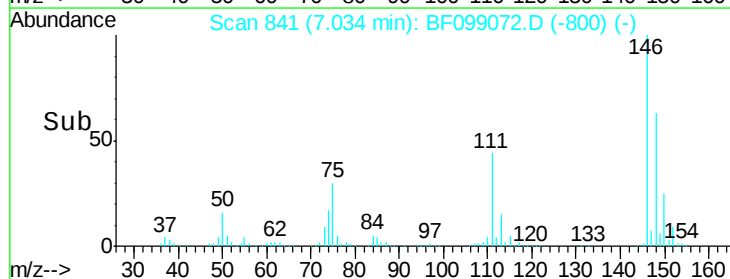
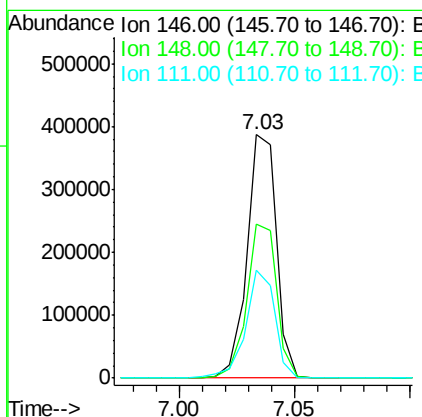
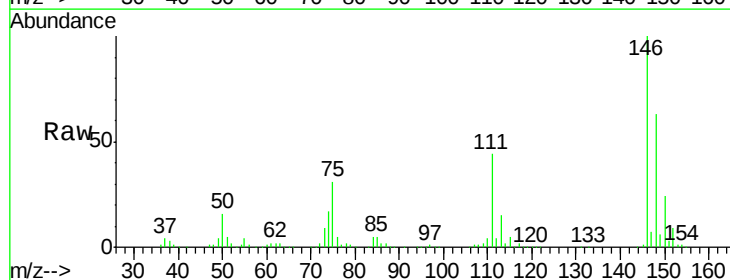
Instrument :
 BNA_F
 ClientSampleId :

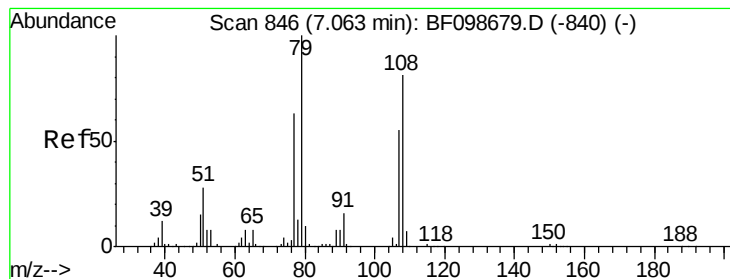
Tot Ion:146 Resp: 374241
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 42.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.21 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.06 min
 Lab File: BF099072.D
 Acq: 4 Oct 2017 17:44

Tgt Ion:146 Resp: 345018
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 75.8
 111 44.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 41.79 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.06 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

Instrument :

BNA_F

ClientSampleId :

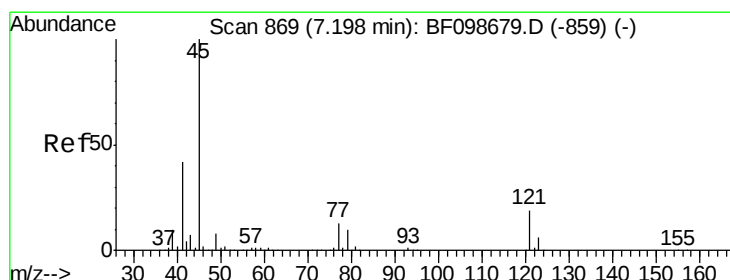
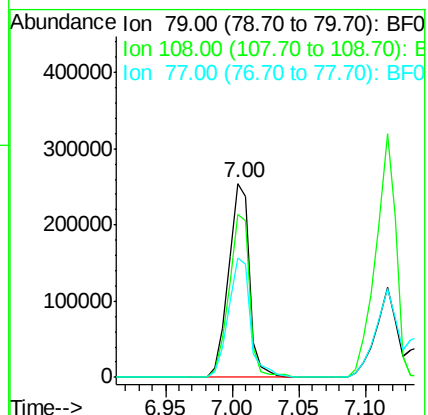
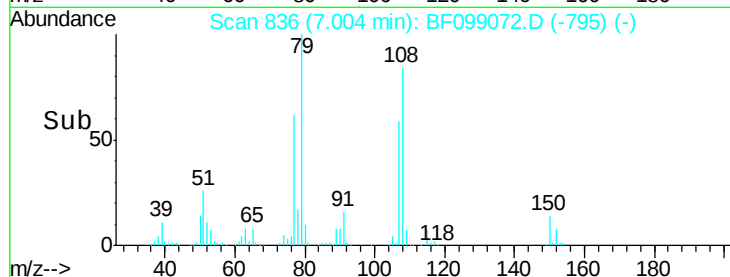
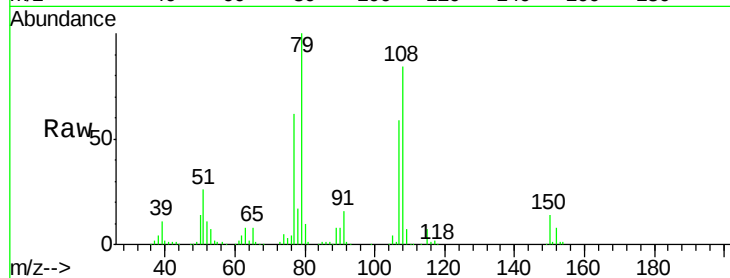
Tot Ion: 79 Resp: 284023

Ion Ratio Lower Upper

79 100

108 83.9 65.1 97.7

77 61.9 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.80 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.05 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

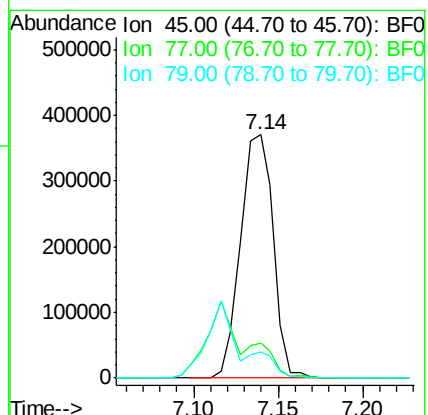
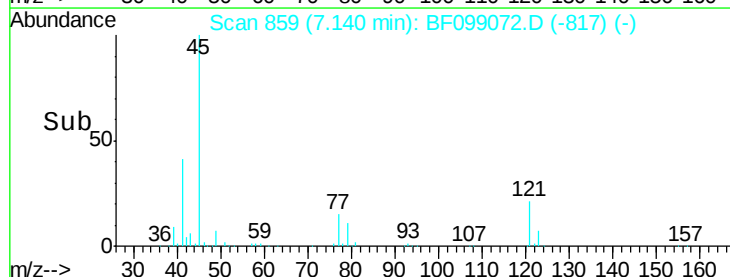
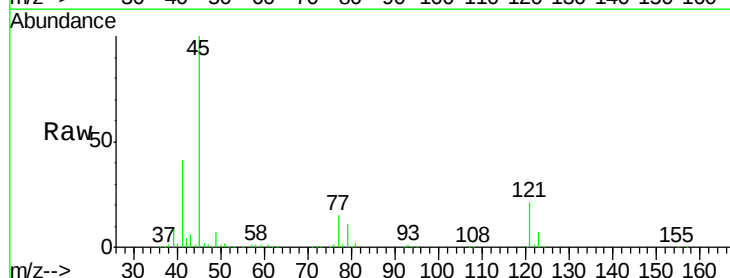
Tgt Ion: 45 Resp: 499474

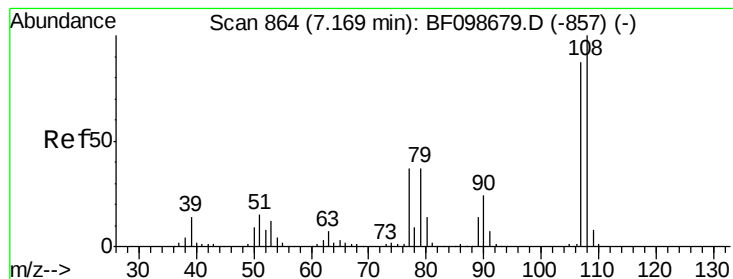
Ion Ratio Lower Upper

45 100

77 14.5 0.0 32.9

79 10.7 0.0 29.6

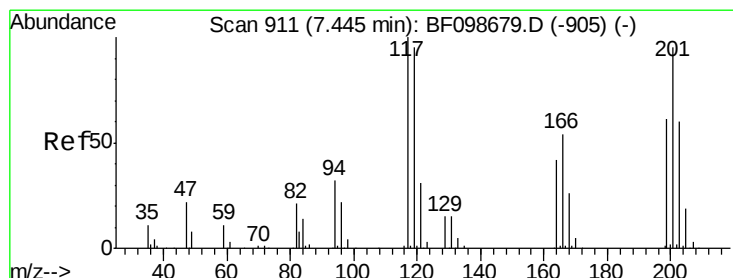
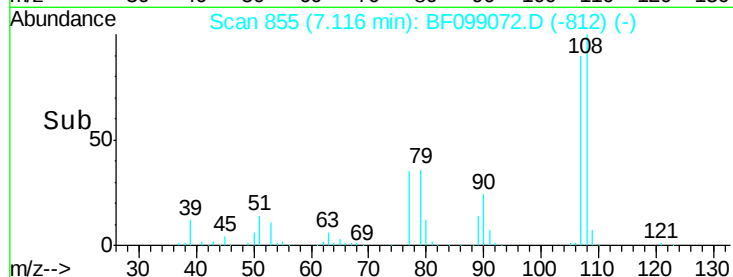
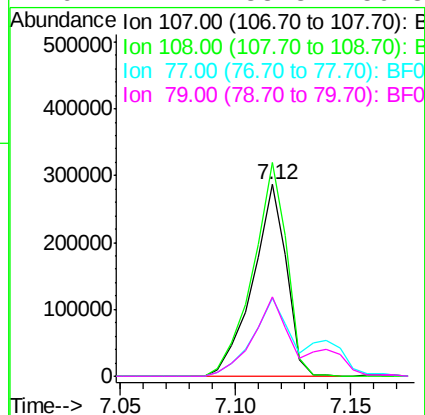
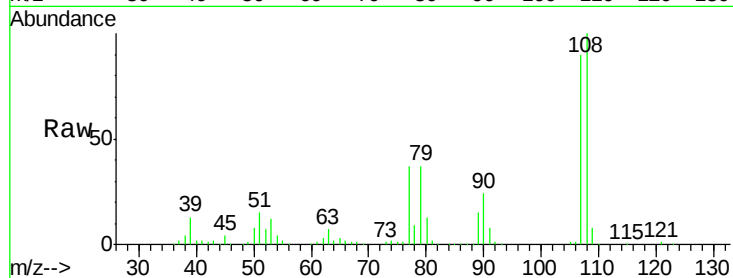




#17
2-Methylphenol
Concen: 41.91 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.05 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

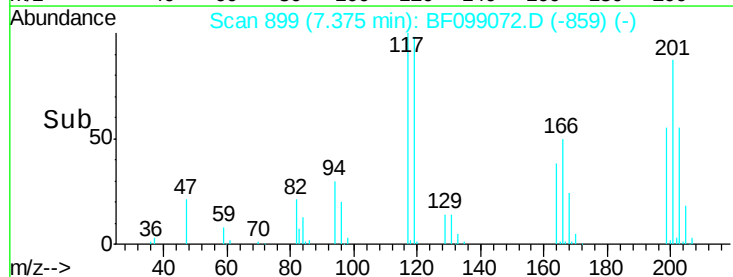
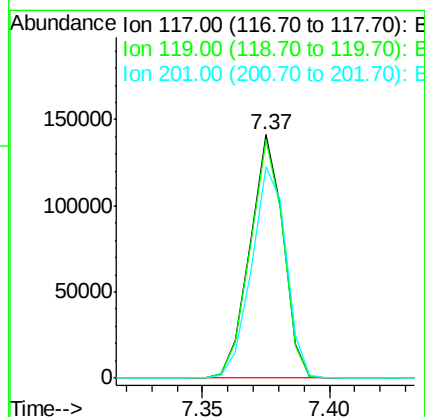
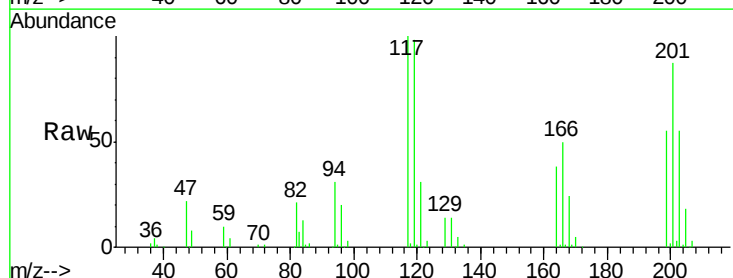
Instrument :
BNA_F
ClientSampled :

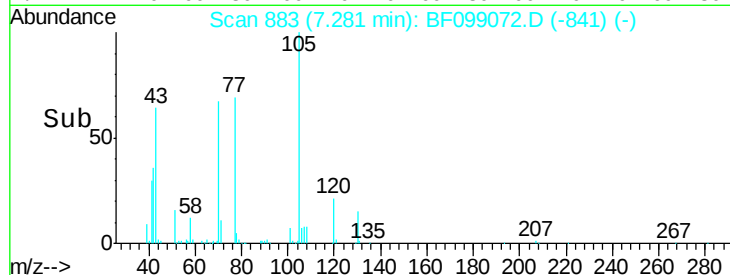
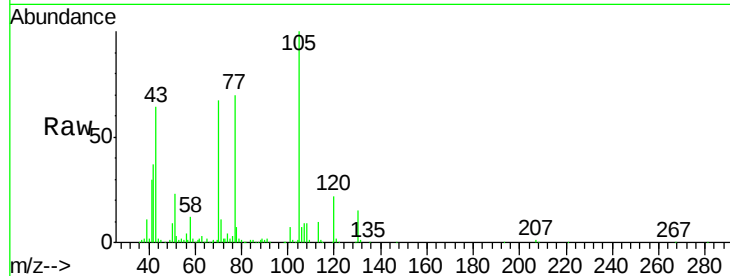
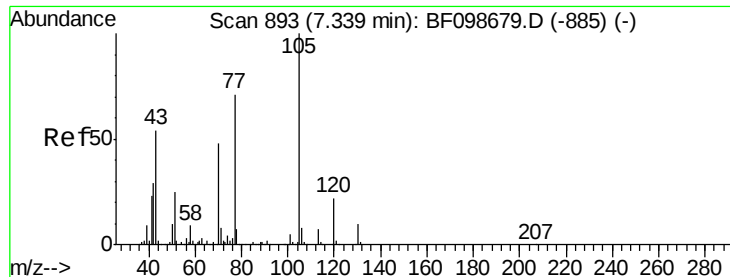
Tot Ion:107 Resp: 291591
Ion Ratio Lower Upper
107 100
108 111.5 91.7 137.5
77 40.8 33.8 50.8
79 41.2 33.8 50.8



#18
Hexachloroethane
Concen: 39.64 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.06 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Tgt Ion:117 Resp: 129101
Ion Ratio Lower Upper
117 100
119 98.1 75.8 113.8
201 86.8 75.7 113.5

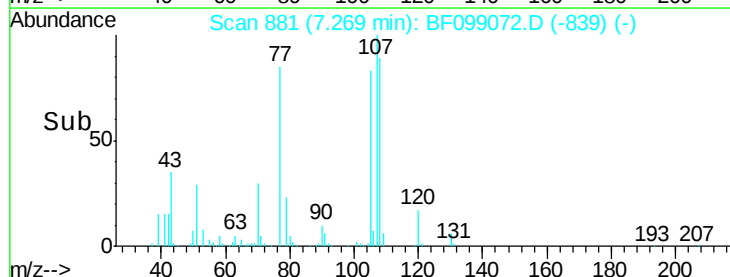
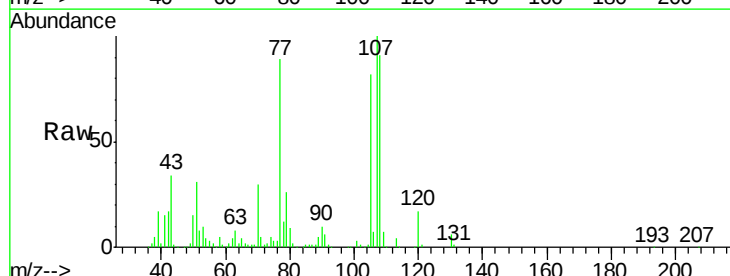
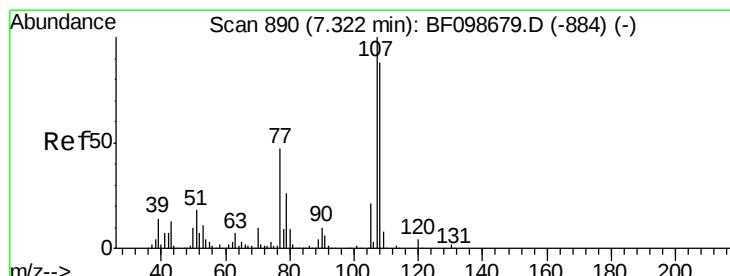
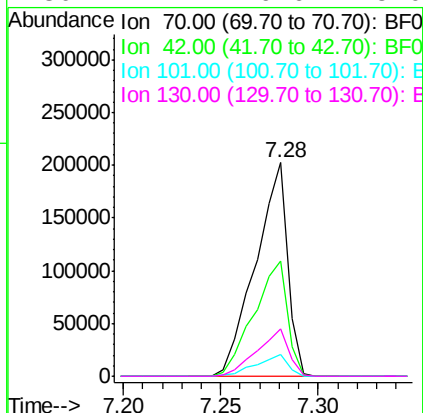




#19
n-Nitroso-di-n-propylamine
Concen: 39.07 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.05 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

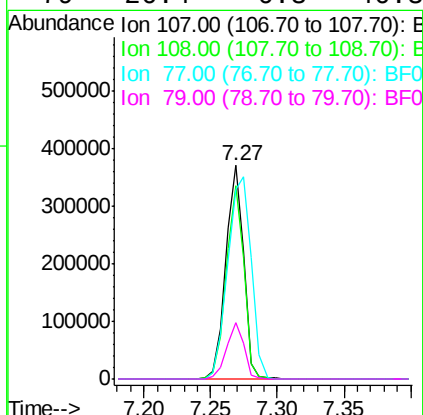
Instrument :
BNA_F
ClientSampleId :

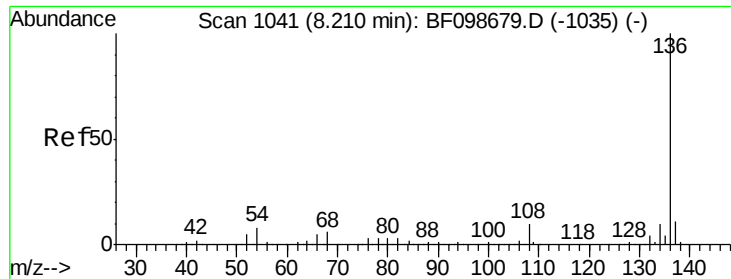
Tot Ion:	70	Resp:	231081
Ion	Ratio	Lower	Upper
70	100		
42	54.2	47.5	71.3
101	10.0	7.4	11.2
130	22.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.86 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.05 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Tgt Ion:	107	Resp:	350843
Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.2	108.2
77	88.6	26.7	66.7#
79	26.4	6.3	46.3

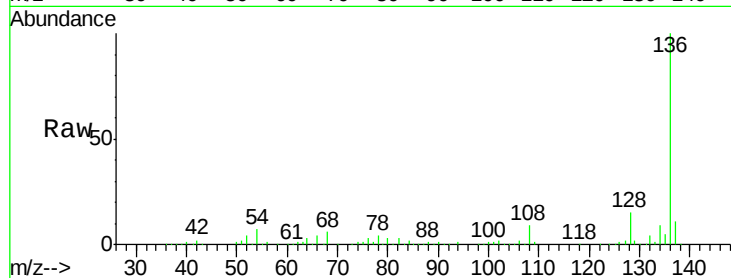




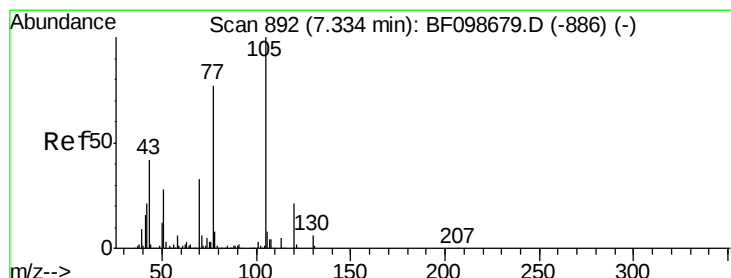
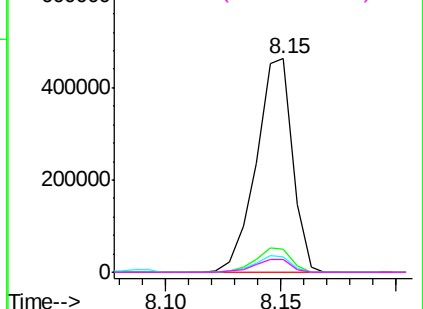
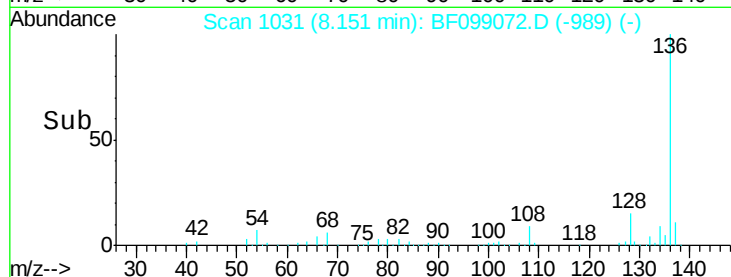
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	505405
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	7.2	6.6 9.8
68	5.7	5.0 7.4

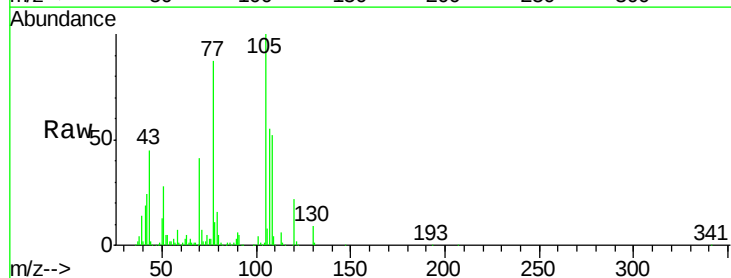


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

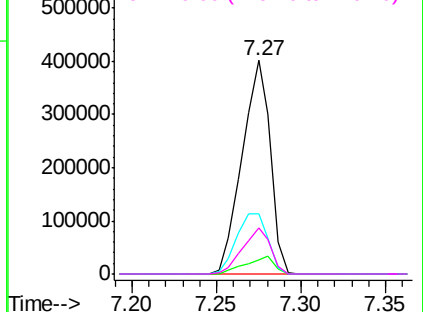
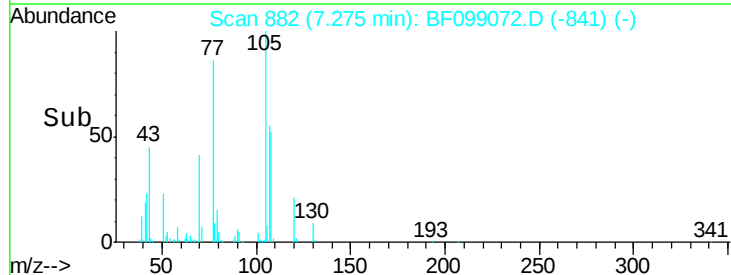


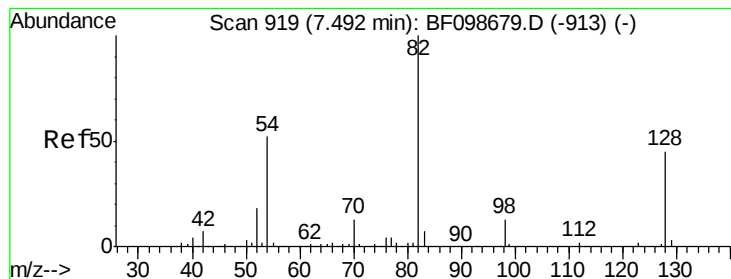
#22
Acetophenone
Concen: 38.18 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.06 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Tgt Ion:105	Resp:	467478
Ion Ratio	Lower	Upper
105	100	
71	6.8	4.4 6.6#
51	28.2	22.3 33.5
120	21.6	16.9 25.3



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





#23

Nitrobenzene-d5

Concen: 87.56 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

Instrument :

BNA_F

ClientSampleId :

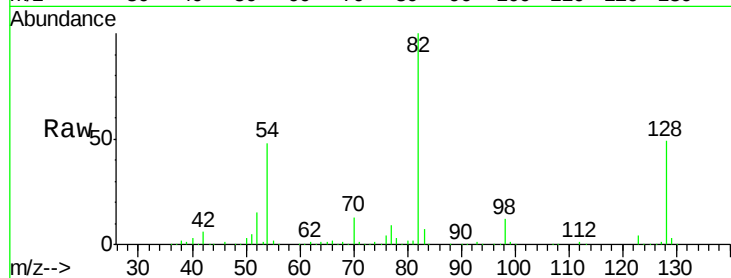
Tot Ion: 82 Resp: 690081

Ion Ratio Lower Upper

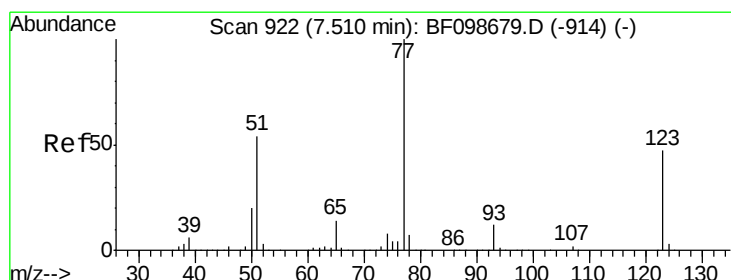
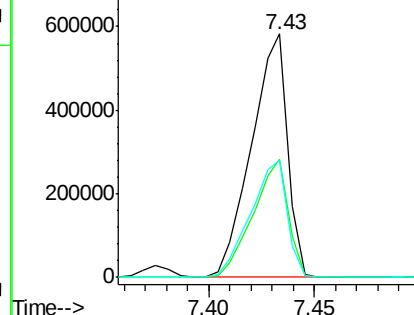
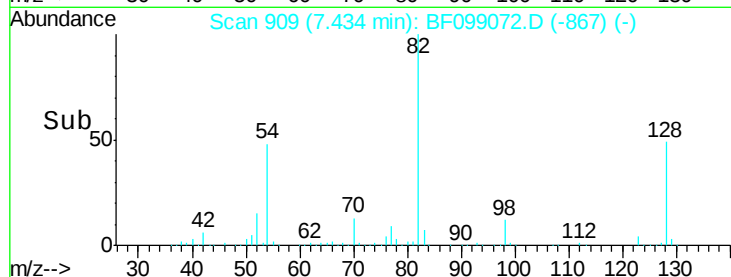
82 100

128 48.6 36.1 54.1

54 48.0 41.4 62.2



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



#24

Nitrobenzene

Concen: 39.32 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.05 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

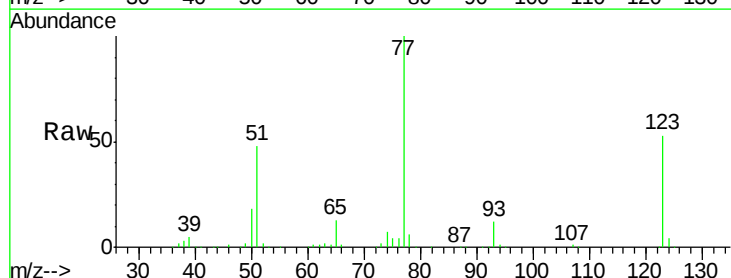
Tgt Ion: 77 Resp: 351489

Ion Ratio Lower Upper

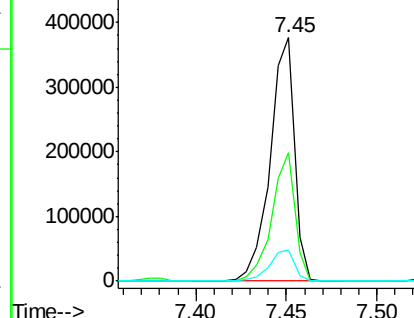
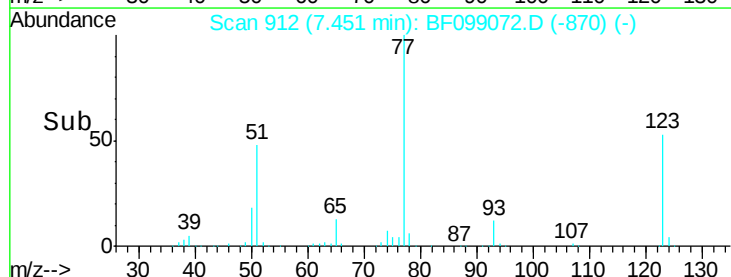
77 100

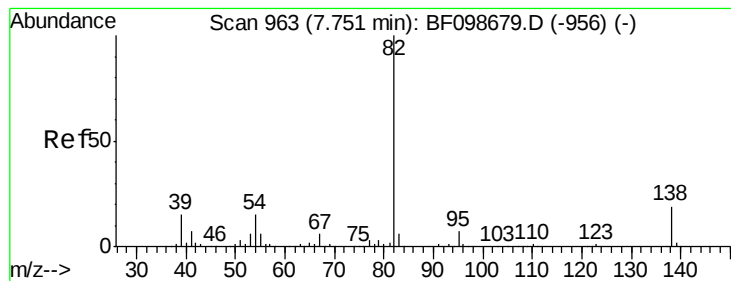
123 52.6 37.9 56.9

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: 40.65 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.06 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

Instrument :

BNA_F

ClientSampleId :

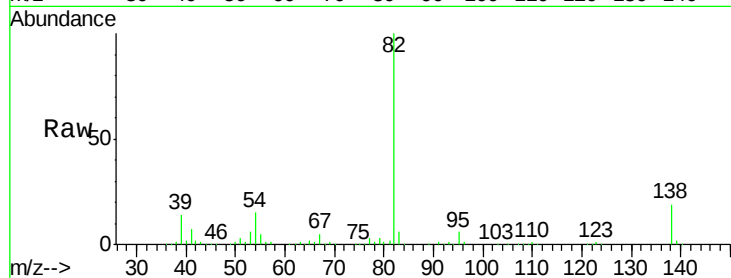
Tot Ion: 82 Resp: 662388

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

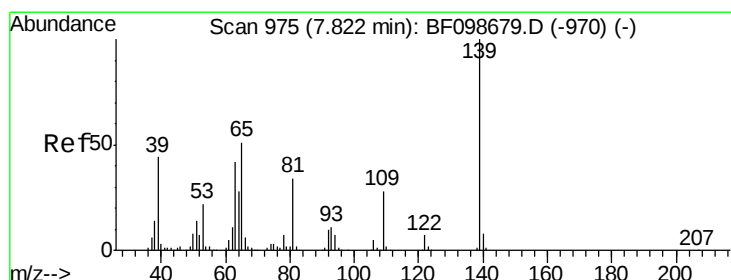
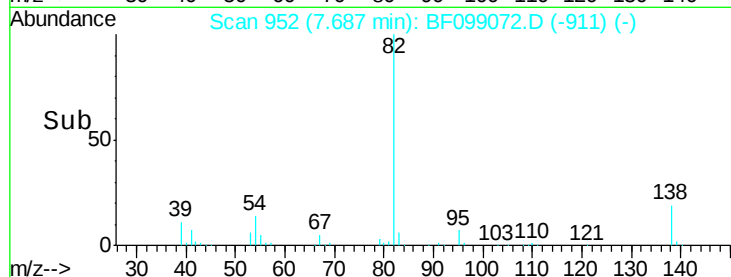
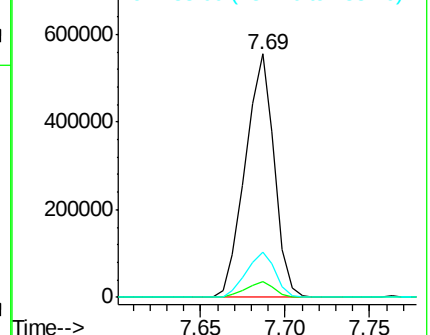
138 18.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.57 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.06 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

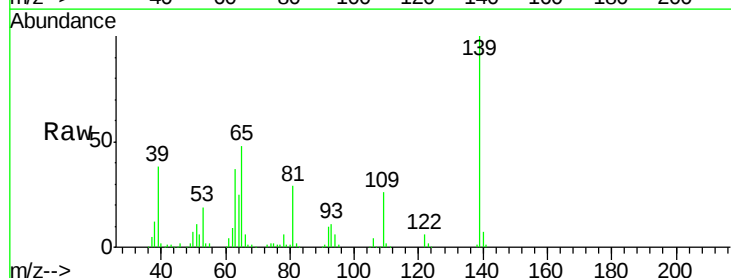
Tgt Ion: 139 Resp: 191617

Ion Ratio Lower Upper

139 100

109 25.7 22.7 34.1

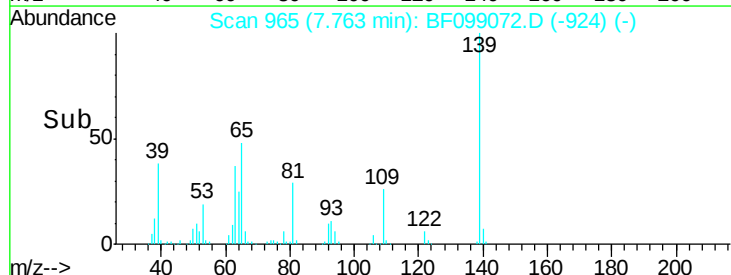
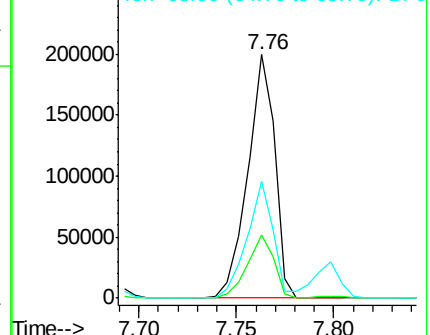
65 47.9 40.5 60.7

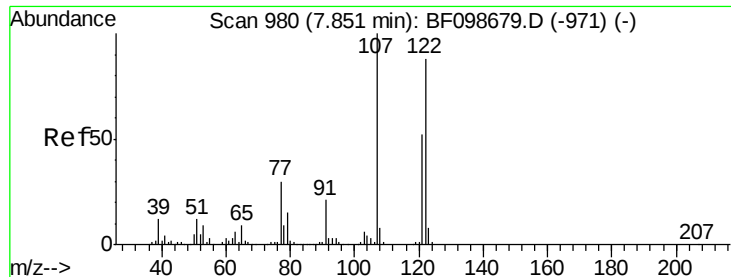


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.56 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.05 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

Instrument :

BNA_F

ClientSampled :

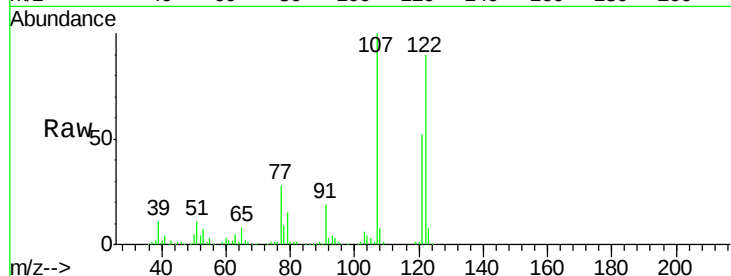
Tot Ion:122 Resp: 329255

Ion Ratio Lower Upper

122 100

107 111.7 91.2 136.8

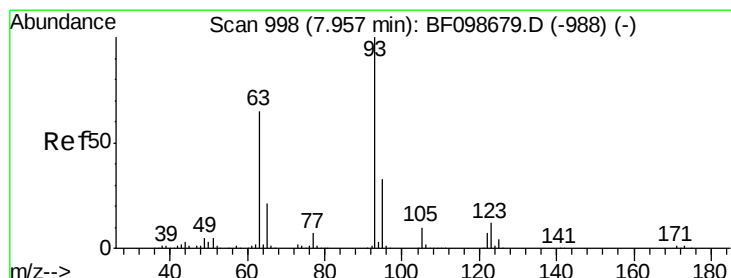
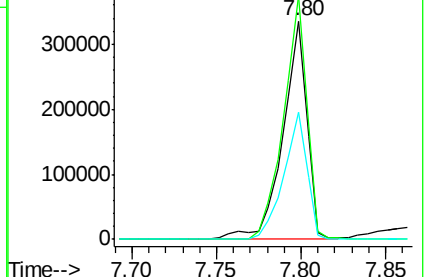
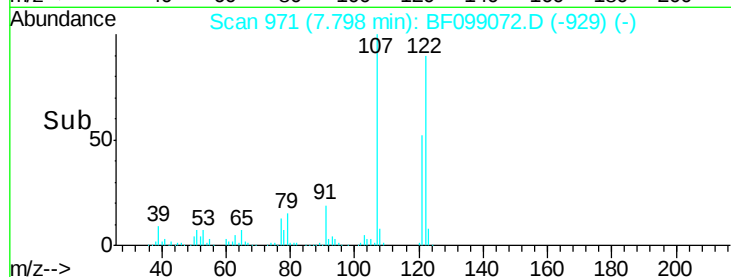
121 58.5 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.63 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.06 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

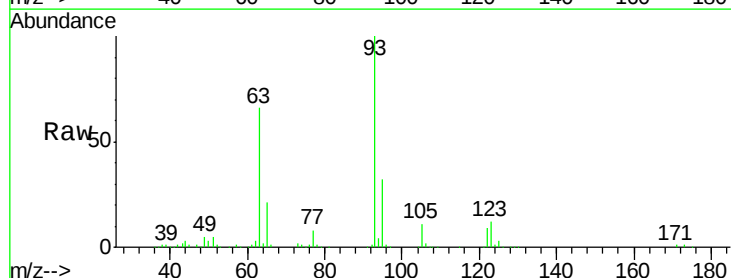
Tgt Ion: 93 Resp: 422760

Ion Ratio Lower Upper

93 100

95 32.0 26.3 39.5

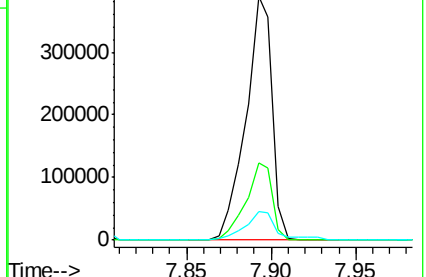
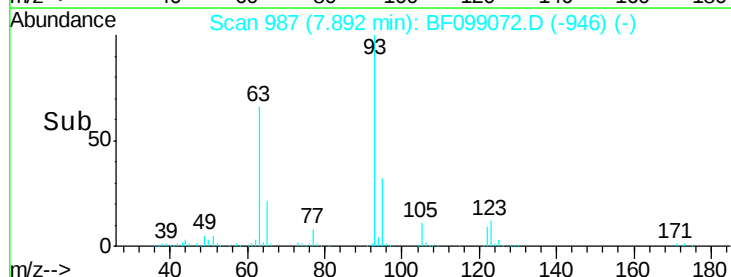
123 11.7 9.8 14.6

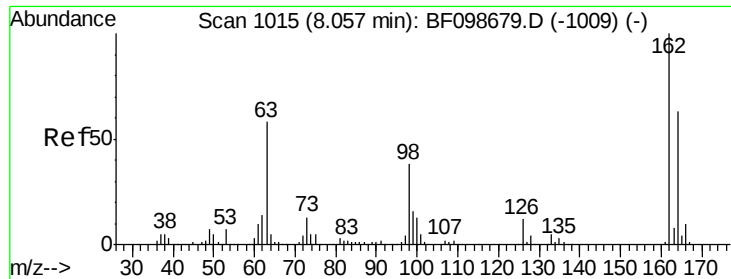


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

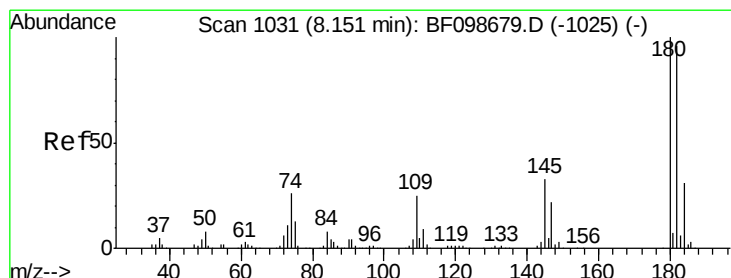
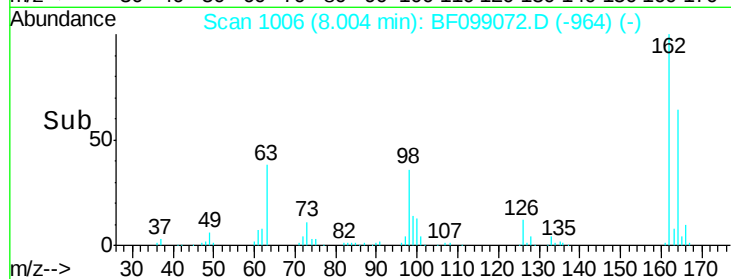
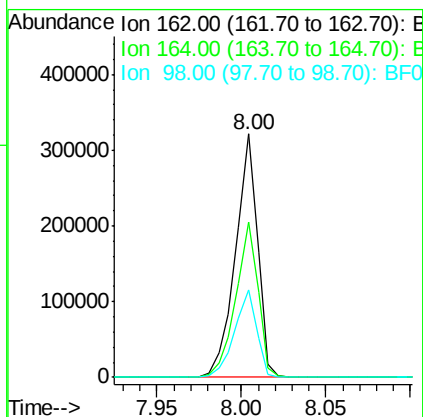
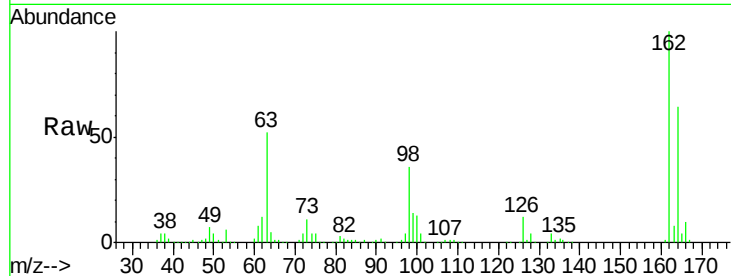




#29
 2,4-Dichlorophenol
 Concen: 41.97 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.05 min
 Lab File: BF099072.D
 Acq: 4 Oct 2017 17:44

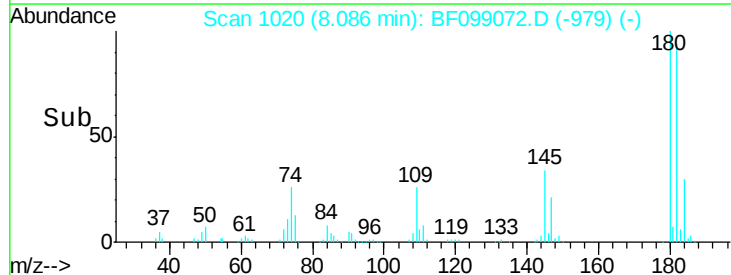
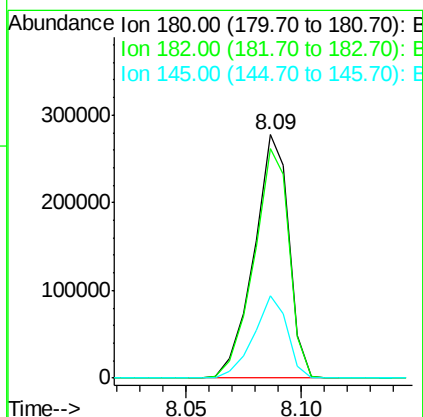
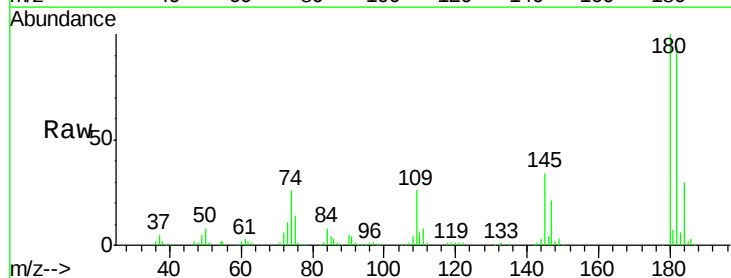
Instrument :
 BNA_F
 ClientSampleId :

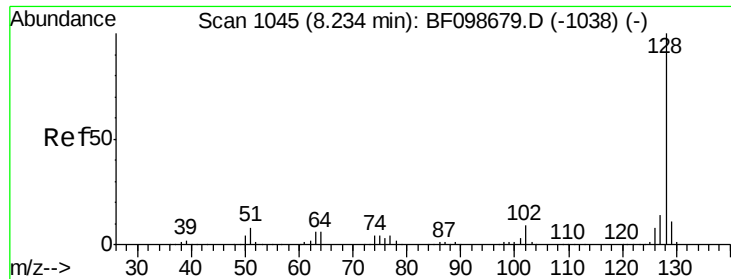
Tot Ion:162 Resp: 292565
 Ion Ratio Lower Upper
 162 100
 164 64.0 42.7 82.7
 98 36.0 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.79 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.06 min
 Lab File: BF099072.D
 Acq: 4 Oct 2017 17:44

Tgt Ion:180 Resp: 291325
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.8 115.2
 145 33.9 26.5 39.7

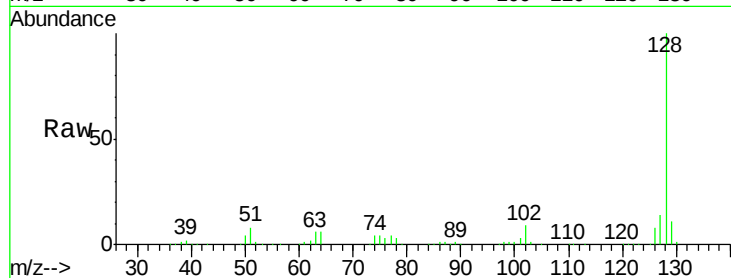




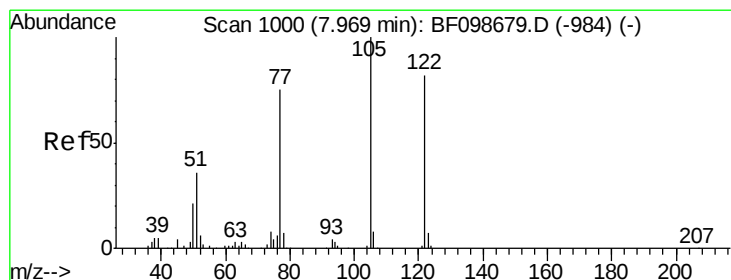
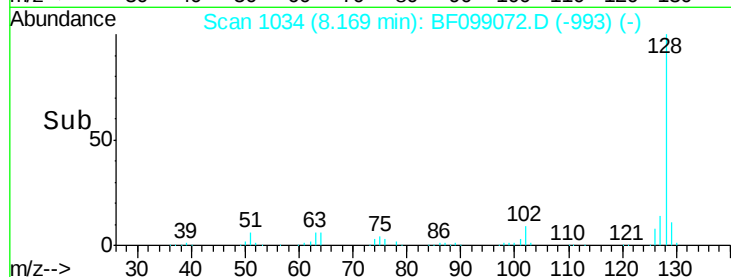
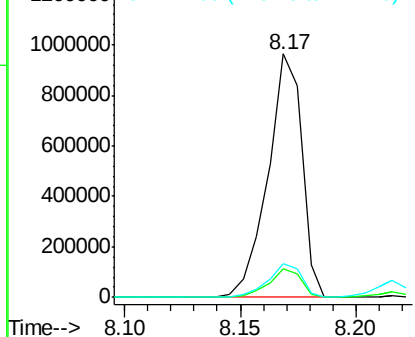
#31
Naphthalene
Concen: 41.36 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 981860
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.8 10.9 16.3

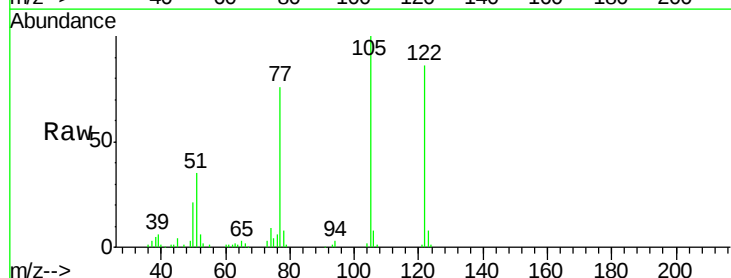


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

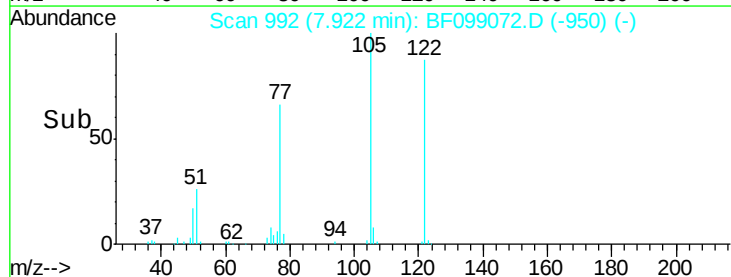
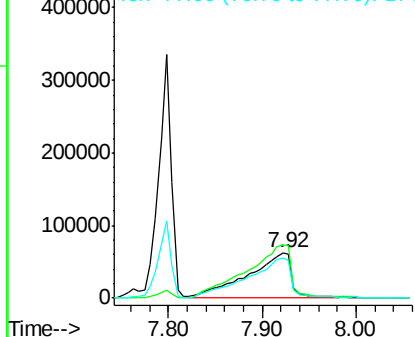


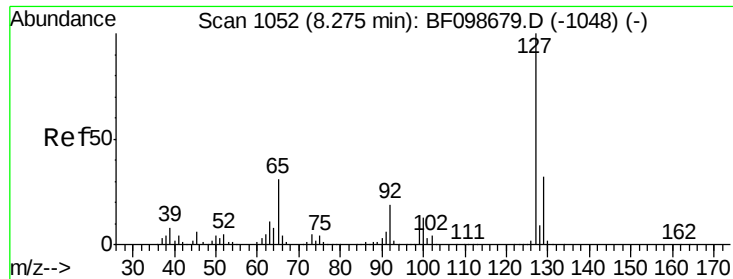
#32
Benzoic acid
Concen: 29.52 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.05 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Tgt Ion:122 Resp: 196853
Ion Ratio Lower Upper
122 100
105 115.8 101.1 141.1
77 87.6 70.7 110.7



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

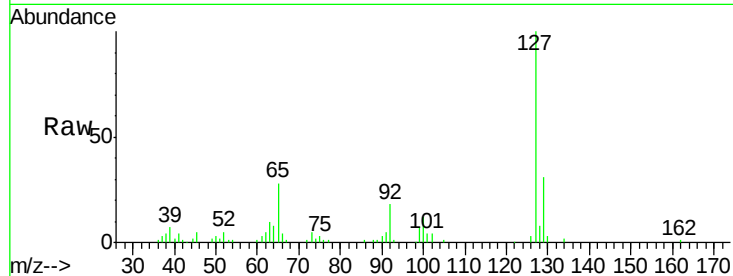




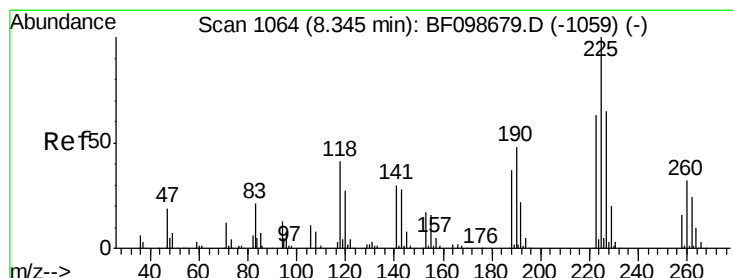
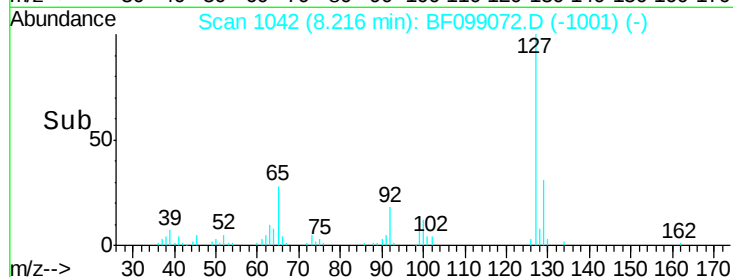
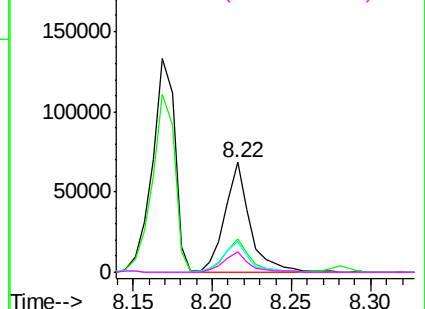
#33
4-Chloroaniline
Concen: 7.50 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.06 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	74359
Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.9	38.9
65	27.9	25.0	37.4
92	18.3	15.2	22.8

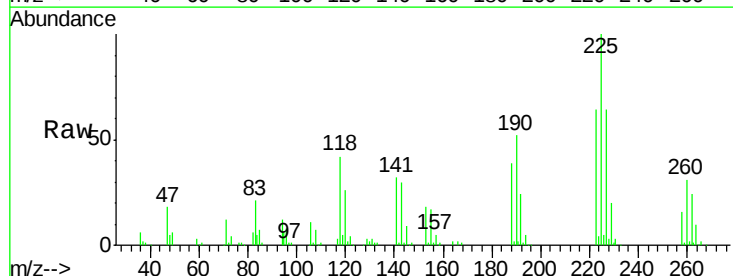


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

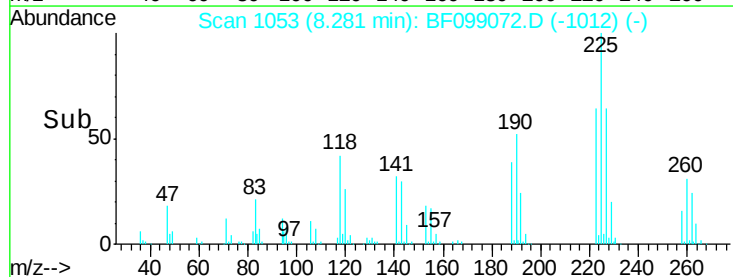
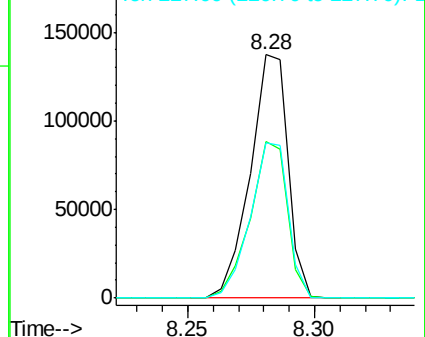


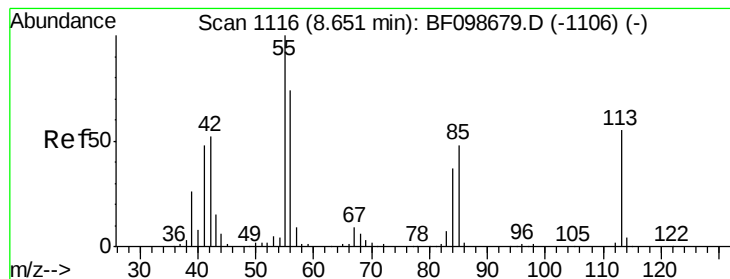
#34
Hexachlorobutadiene
Concen: 39.65 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.06 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Tgt Ion:	225	Resp:	142362
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	76.0
227	63.8	51.9	77.9



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





#35

Caprolactam

Concen: 24.27 ng

RT: 8.59 min Scan# 1106

Delta R.T. -0.06 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

Instrument :

BNA_F

ClientSampled :

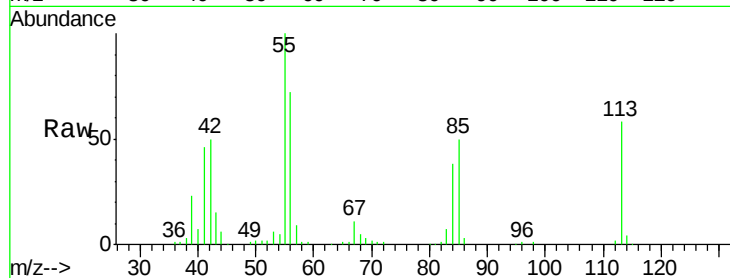
Tot Ion:113 Resp: 54269

Ion Ratio Lower Upper

113 100

55 171.5 163.3 203.3

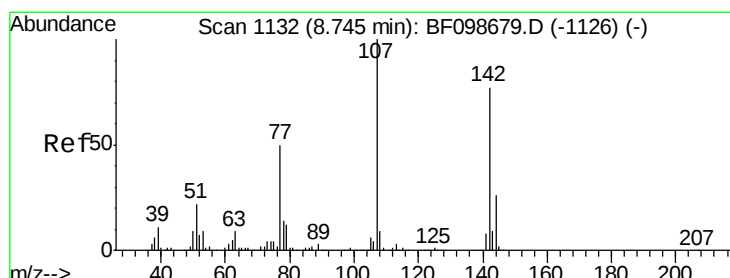
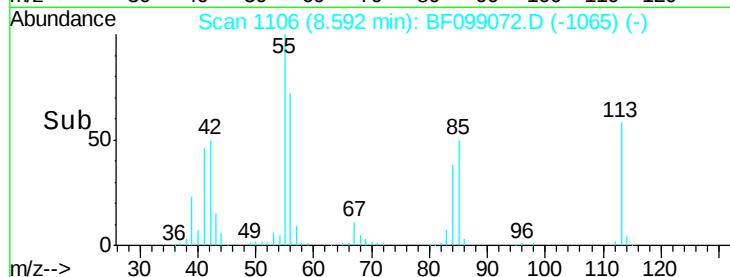
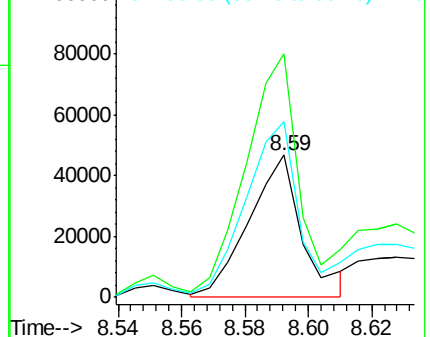
56 124.2 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.06 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.05 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

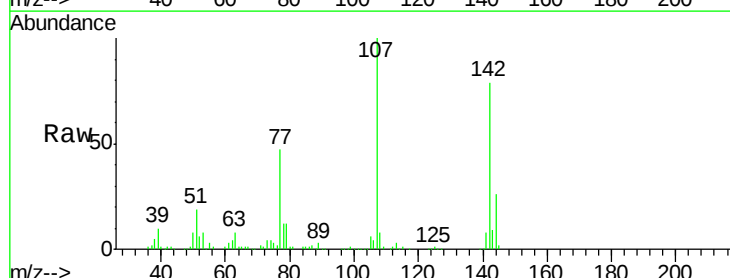
Tgt Ion:107 Resp: 313846

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

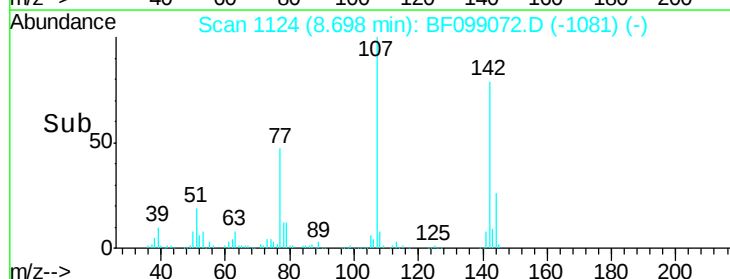
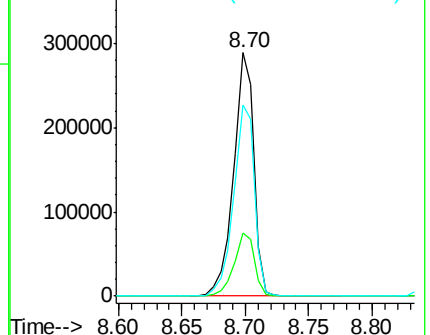
142 78.7 62.0 93.0

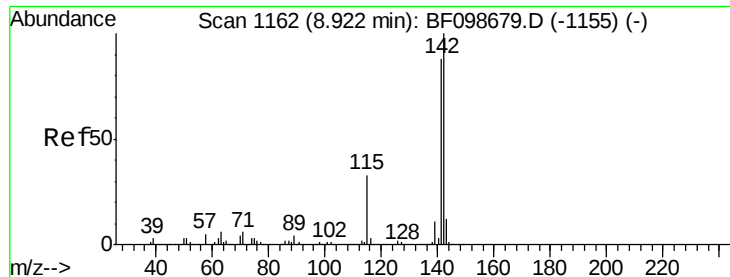


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

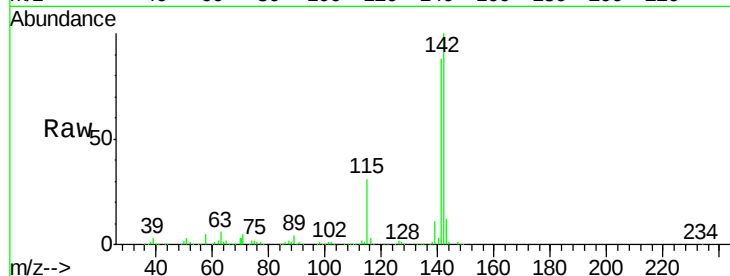




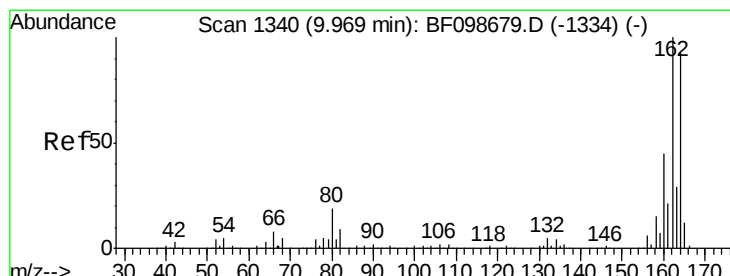
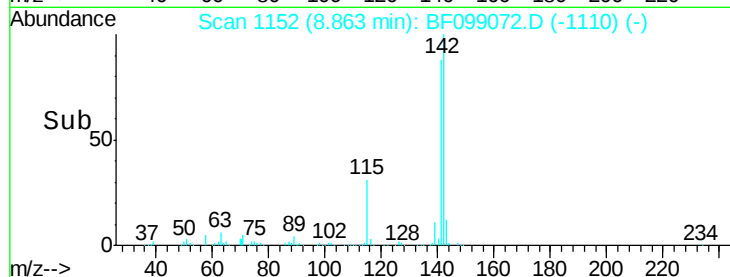
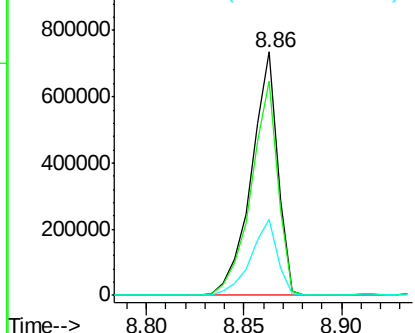
#37
2-Methylnaphthalene
Concen: 44.72 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.05 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.8	106.2
115	31.2	26.1	39.1

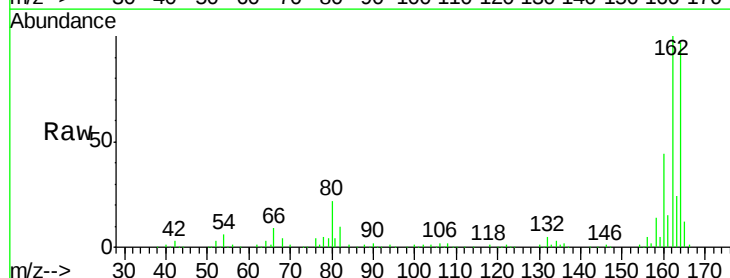


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

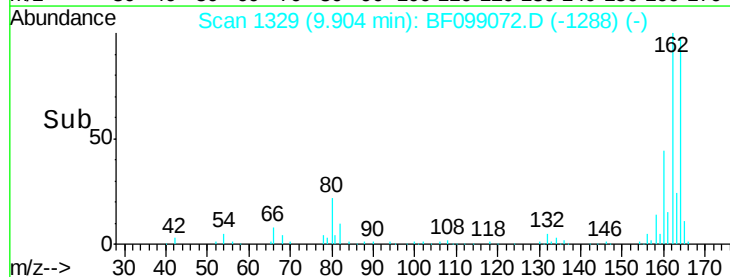
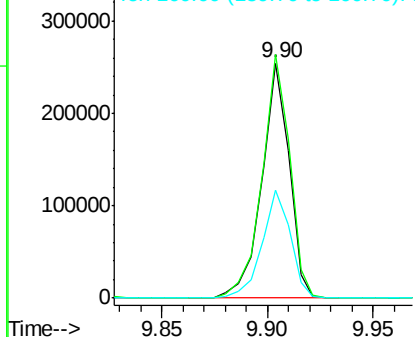


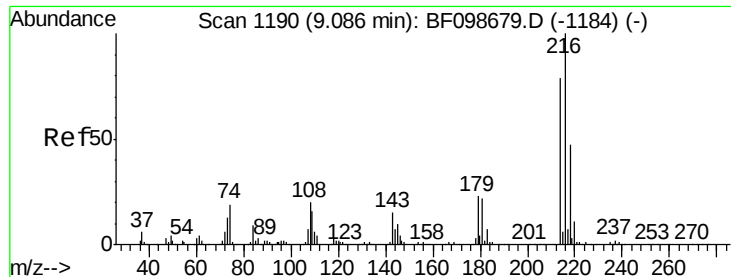
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.06 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	45.8	38.3	57.5



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

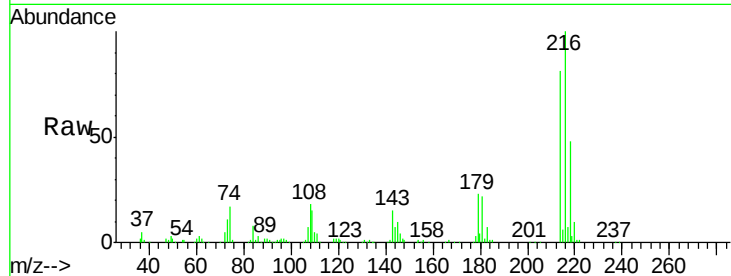




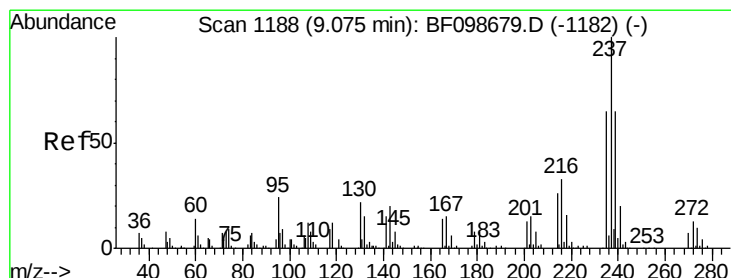
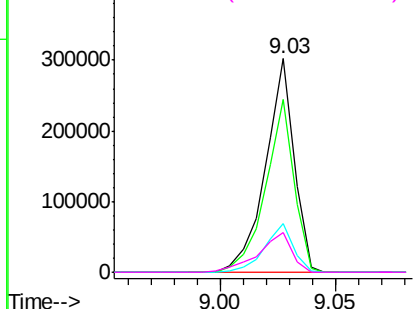
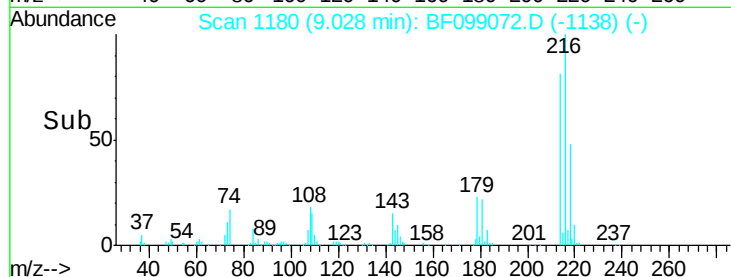
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.11 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.05 min
 Lab File: BF099072.D
 Acq: 4 Oct 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	261599
Ion Ratio	Lower	Upper
216	100	
214	80.2	63.0 94.4
179	22.8	18.1 27.1
108	21.9	17.2 25.8

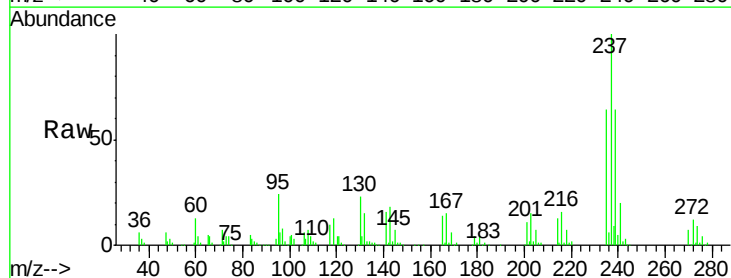


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

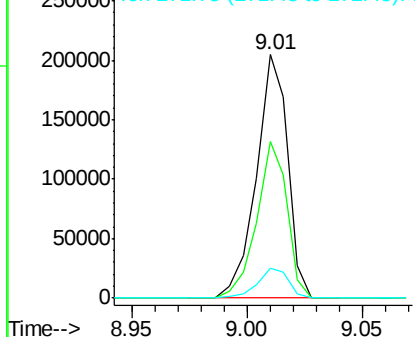
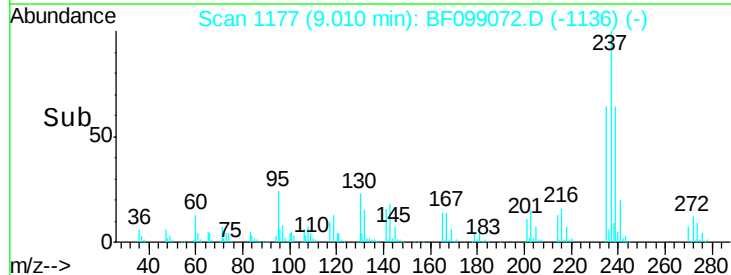


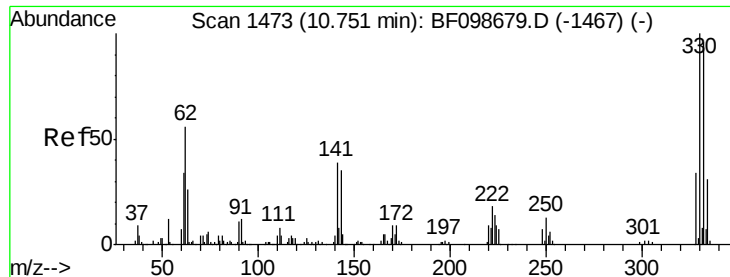
#40
 Hexachlorocyclopentadiene
 Concen: 61.85 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.06 min
 Lab File: BF099072.D
 Acq: 4 Oct 2017 17:44

Tgt Ion:237	Resp:	194014
Ion Ratio	Lower	Upper
237	100	
235	64.2	44.8 84.8
272	12.4	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

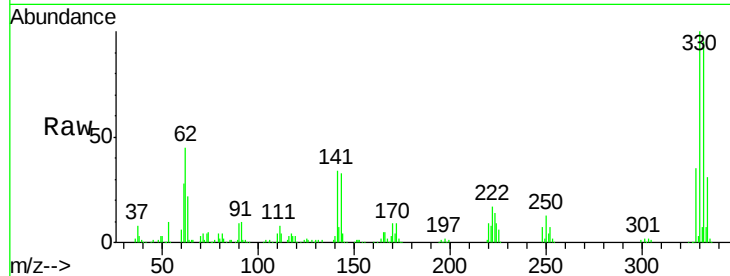




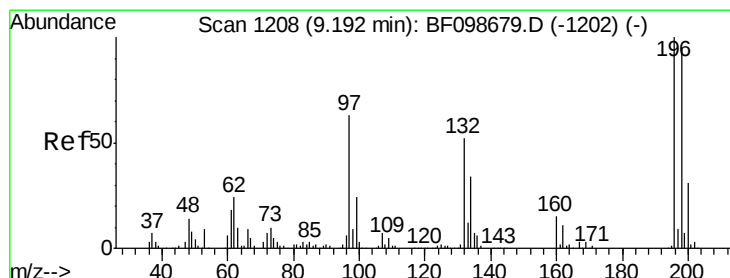
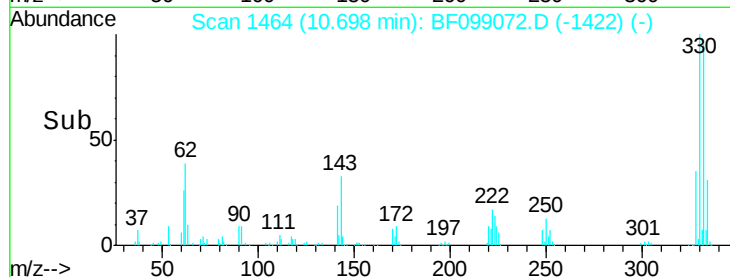
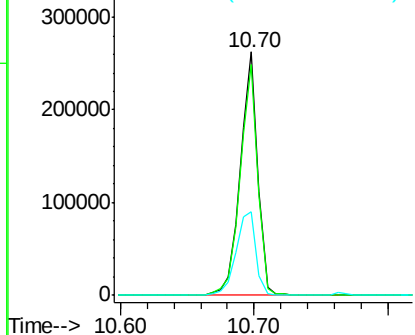
#41
 2,4,6-Tribromophenol
 Concen: 127.09 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.05 min
 Lab File: BF099072.D
 Acq: 4 Oct 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 239351
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 39.2 29.9 44.9

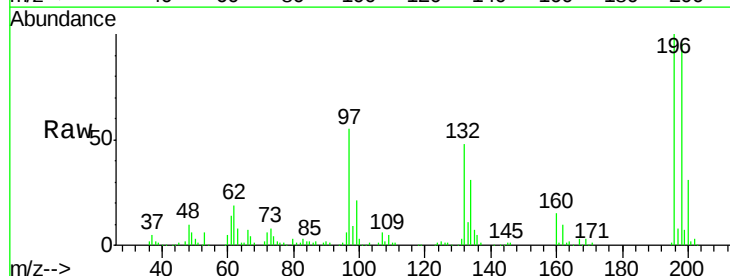


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

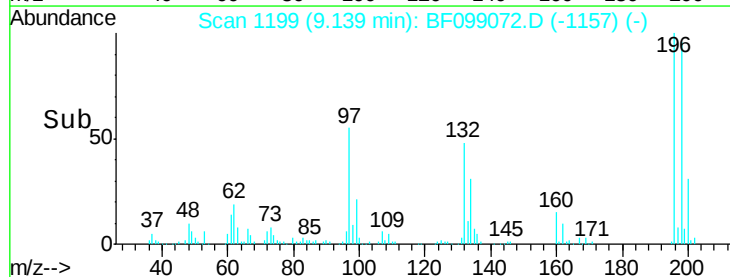
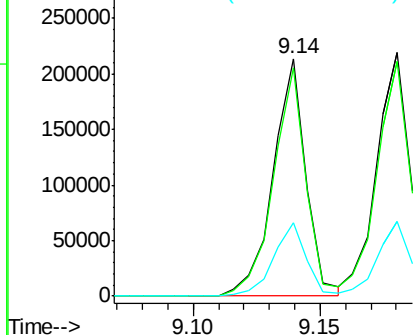


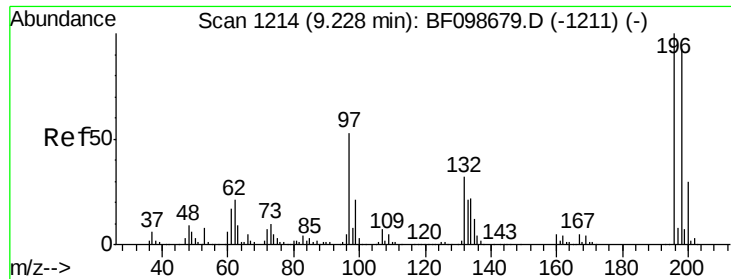
#42
 2,4,6-Trichlorophenol
 Concen: 39.89 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.05 min
 Lab File: BF099072.D
 Acq: 4 Oct 2017 17:44

Tgt Ion:196 Resp: 193958
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.7 113.5
 200 31.0 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

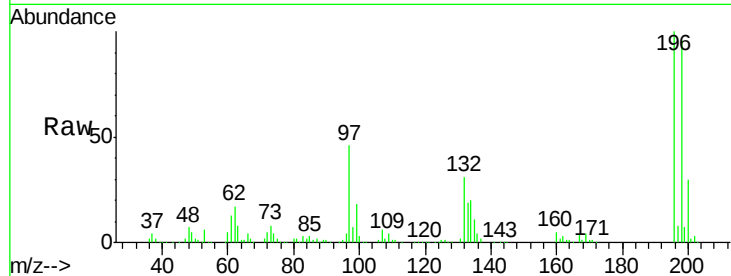




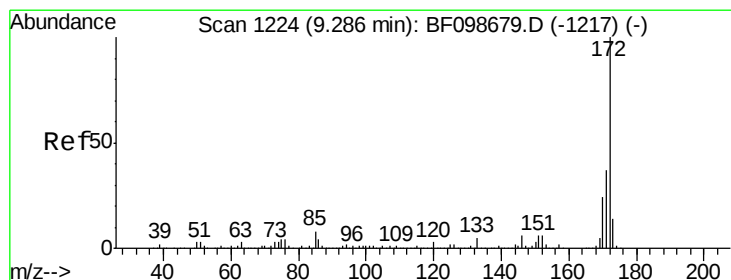
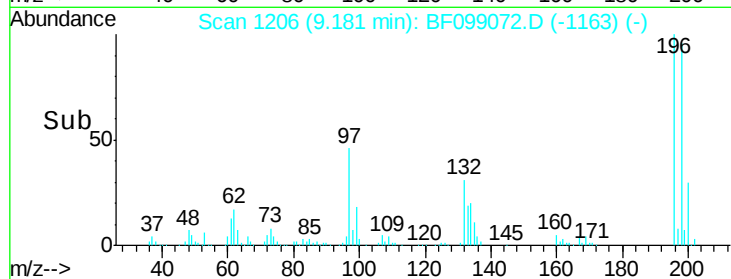
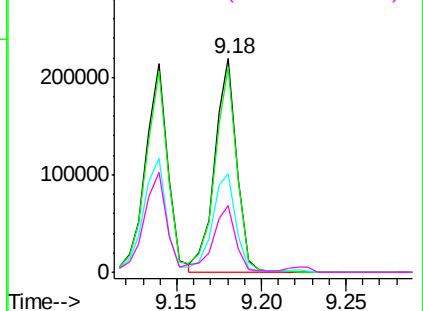
#43
 2,4,5-Trichlorophenol
 Concen: 41.39 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.05 min
 Lab File: BF099072.D
 Acq: 4 Oct 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	200933
Ion Ratio	Lower	Upper
196	100	
198	96.2	74.6 112.0
97	46.3	42.9 64.3
132	31.2	26.3 39.5

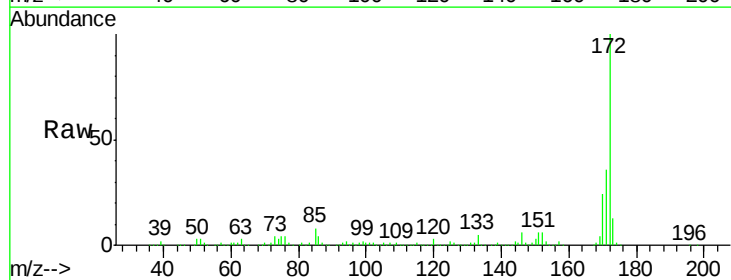


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

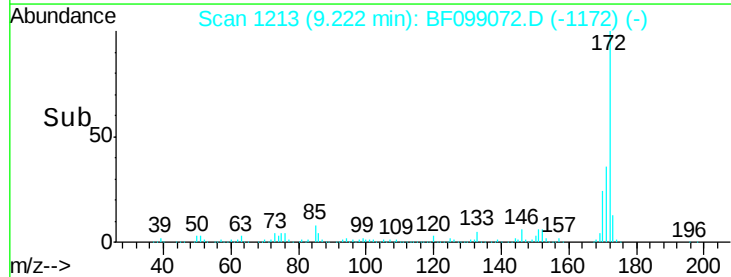
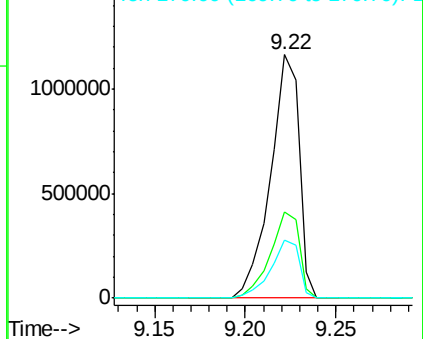


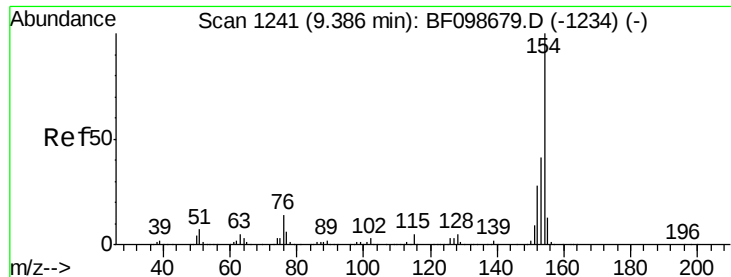
#44
 2-Fluorobiphenyl
 Concen: 92.64 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.06 min
 Lab File: BF099072.D
 Acq: 4 Oct 2017 17:44

Tgt Ion:172	Resp:	1277125
Ion Ratio	Lower	Upper
172	100	
171	35.5	29.7 44.5
170	23.6	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

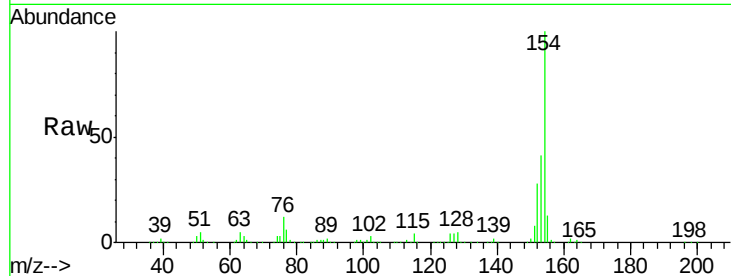




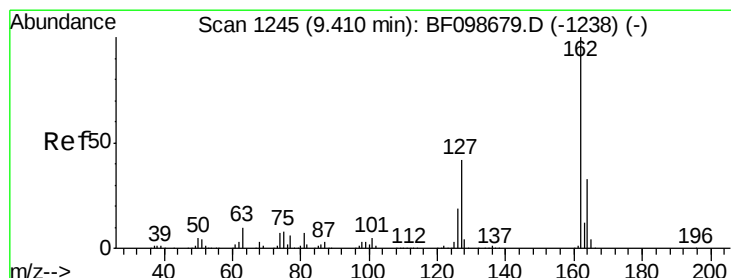
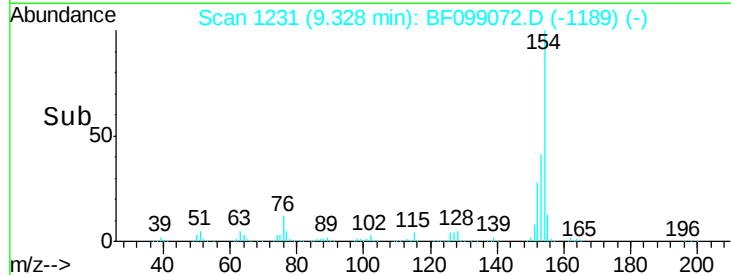
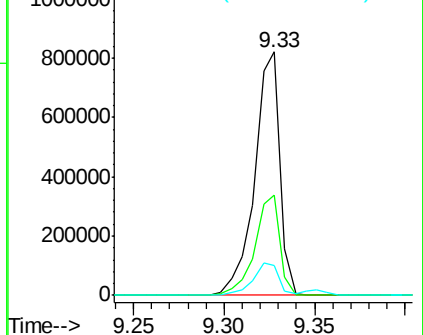
#45
 1,1'-Biphenyl
 Concen: 40.10 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.05 min
 Lab File: BF099072.D
 Acq: 4 Oct 2017 17:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	12.2	0.0	34.0

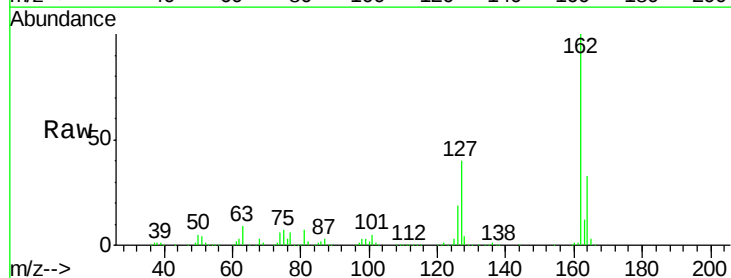


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

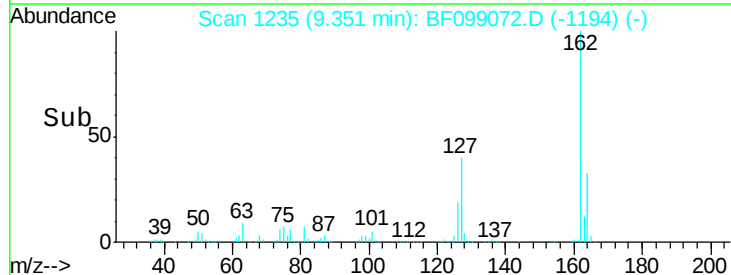
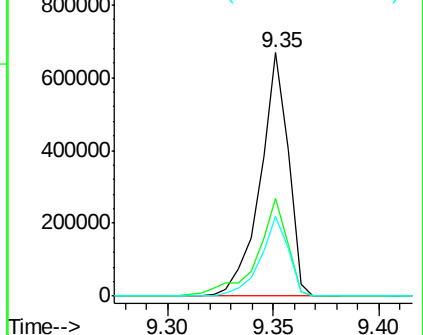


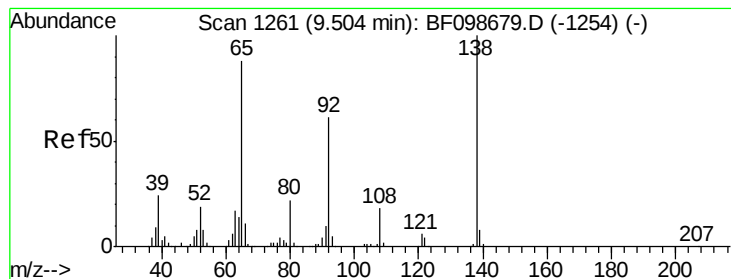
#46
 2-Chloronaphthalene
 Concen: 41.52 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.06 min
 Lab File: BF099072.D
 Acq: 4 Oct 2017 17:44

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	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: 41.24 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.05 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

Instrument :

BNA_F

ClientSampled :

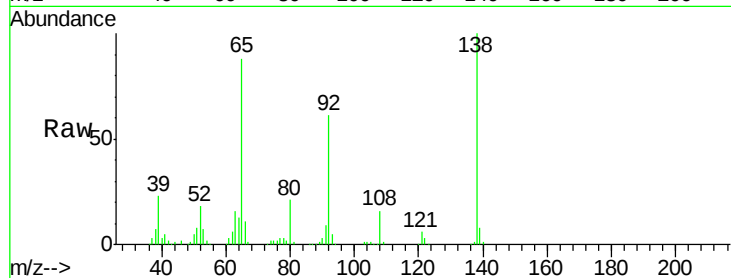
Tot Ion: 65 Resp: 187521

Ion Ratio Lower Upper

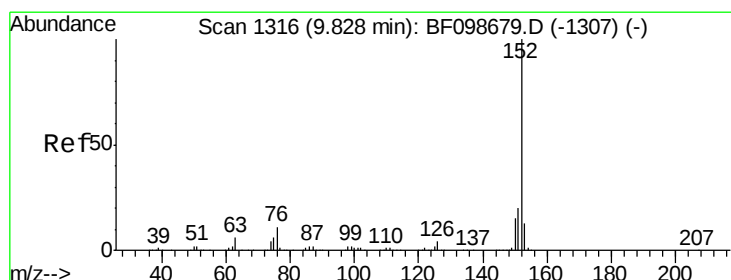
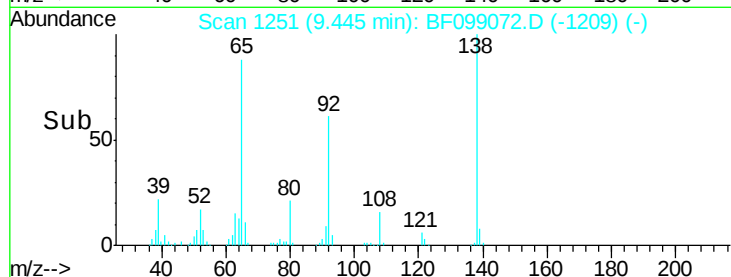
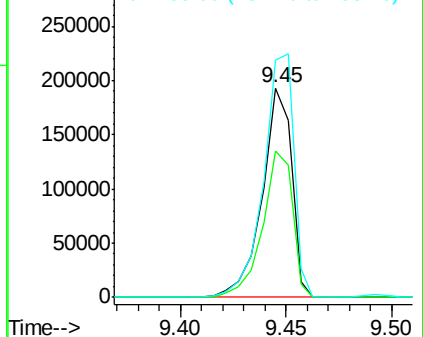
65 100

92 69.8 55.8 83.6

138 113.5 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: 41.68 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.06 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

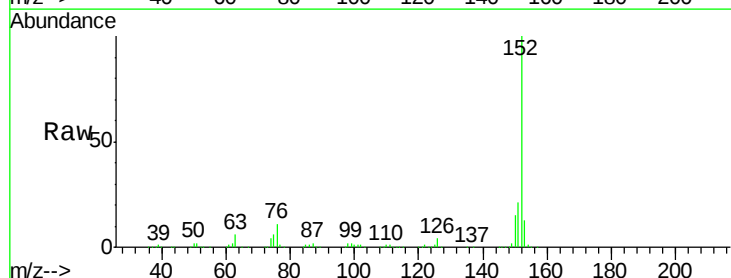
Tgt Ion: 152 Resp: 947609

Ion Ratio Lower Upper

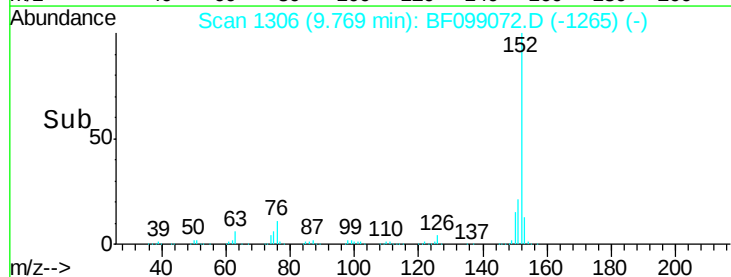
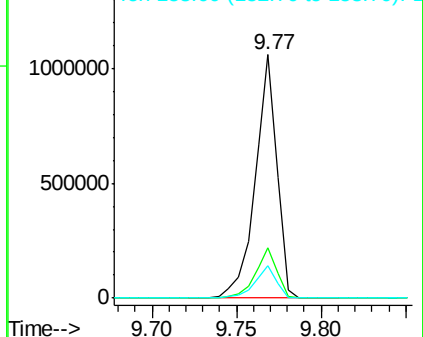
152 100

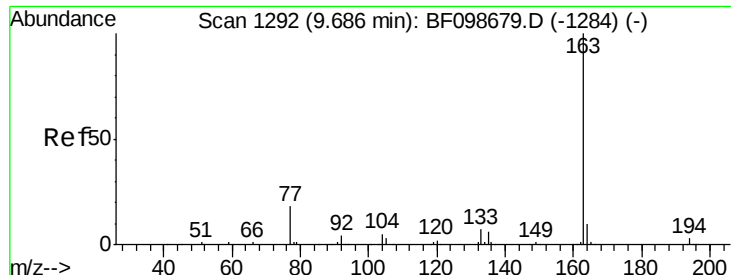
151 20.5 16.3 24.5

153 13.3 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

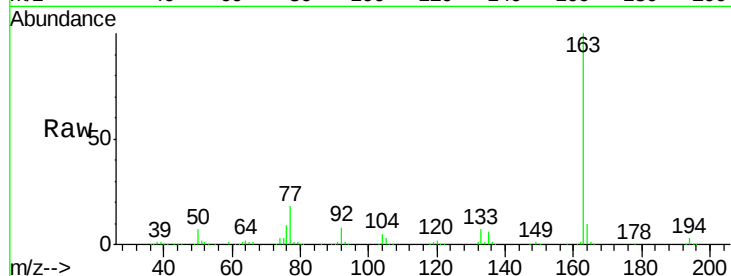




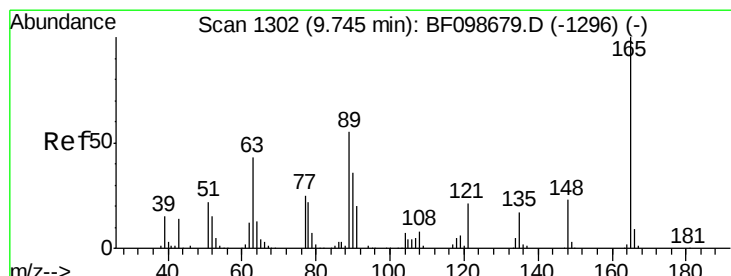
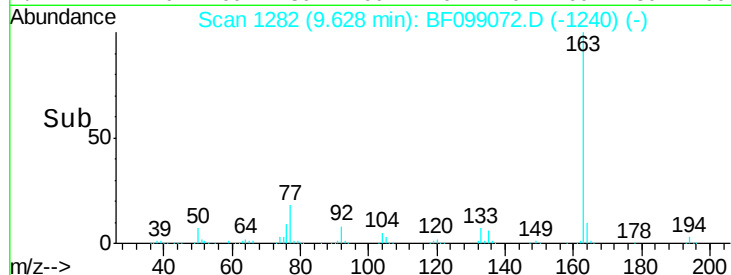
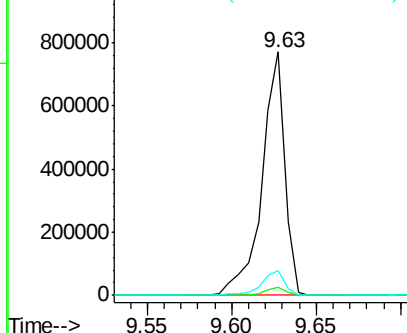
#49
Dimethylphthalate
Concen: 41.68 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.05 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 724074
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2

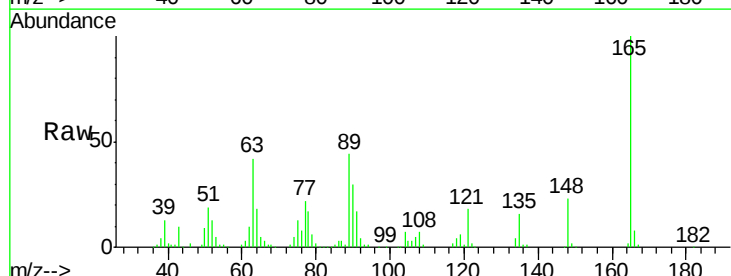


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

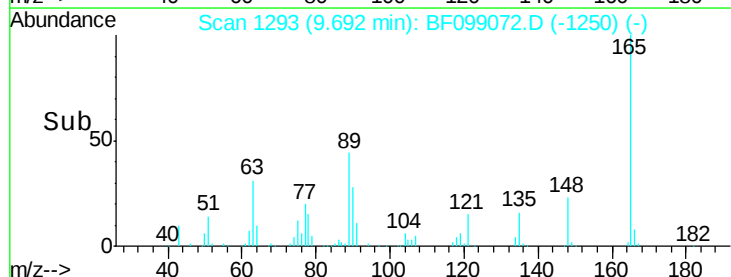
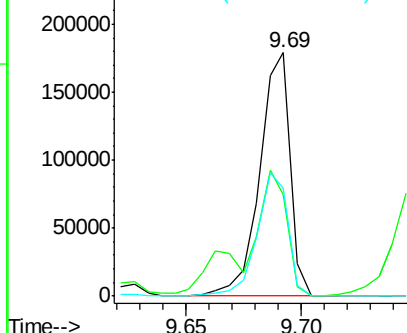


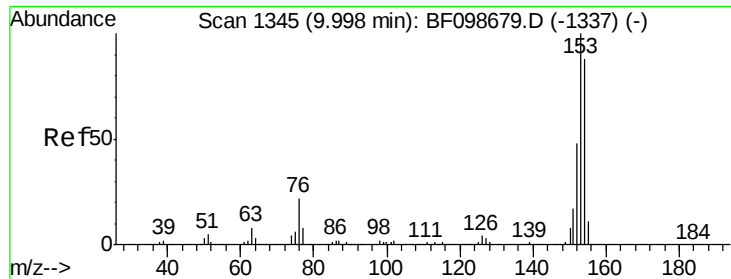
#50
2,6-Dinitrotoluene
Concen: 43.46 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.05 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Tgt Ion:165 Resp: 164338
Ion Ratio Lower Upper
165 100
63 41.5 44.7 67.1#
89 44.1 44.0 66.0



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

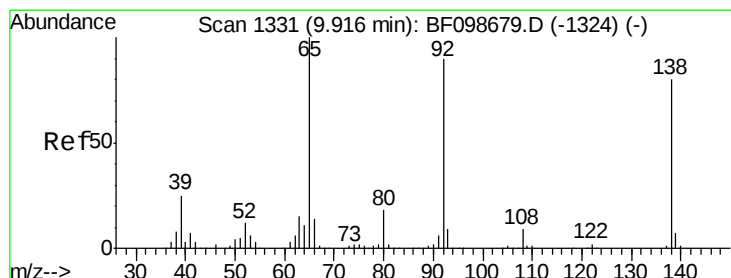
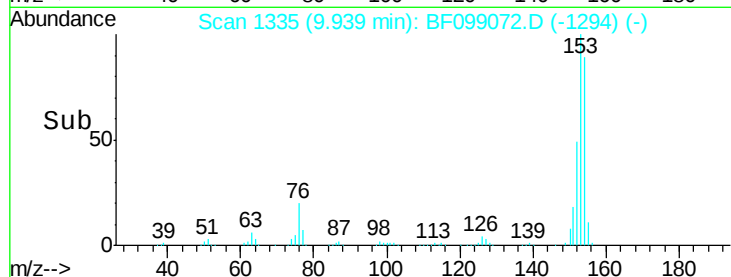
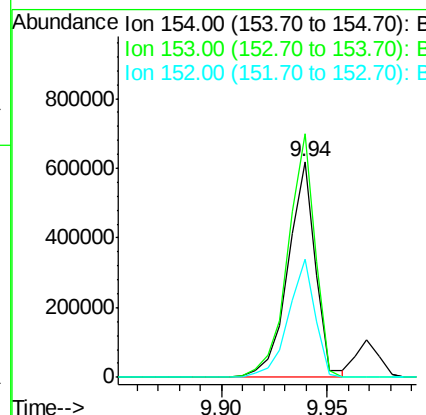
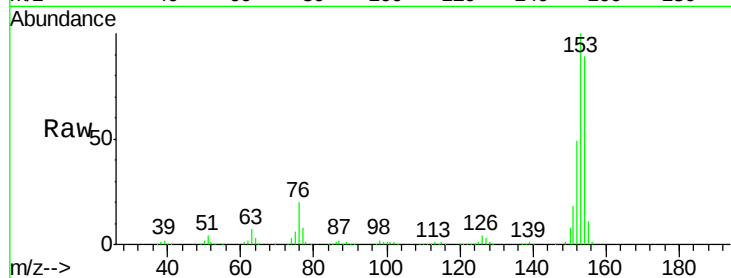




#51
Acenaphthene
Concen: 38.99 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.06 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

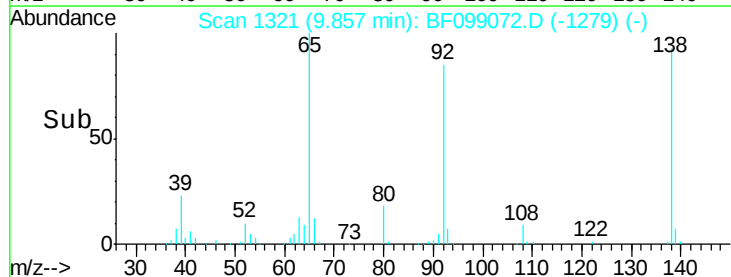
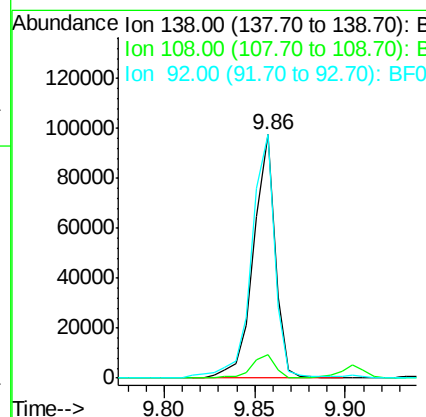
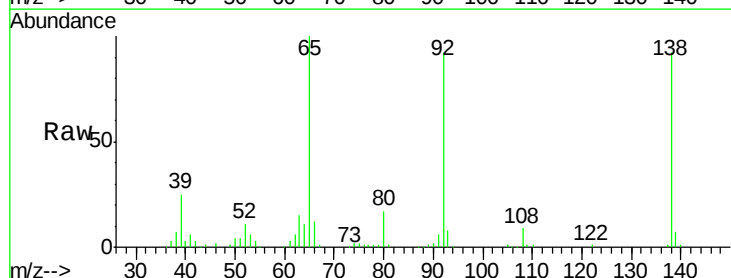
Instrument :
BNA_F
ClientSampleId :

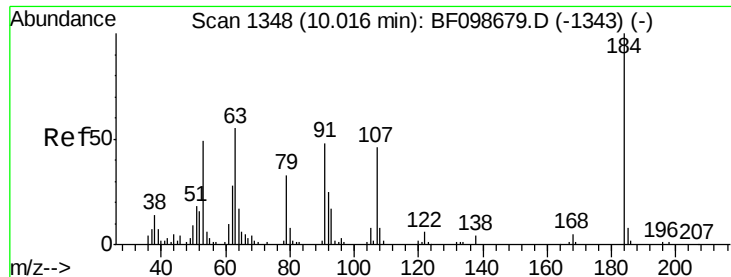
Tot Ion:154 Resp: 561585
Ion Ratio Lower Upper
154 100
153 112.7 91.2 136.8
152 54.9 43.8 65.8



#52
3-Nitroaniline
Concen: 18.49 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.05 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Tgt Ion:138 Resp: 81547
Ion Ratio Lower Upper
138 100
108 9.6 9.4 14.0
92 100.1 89.4 134.2

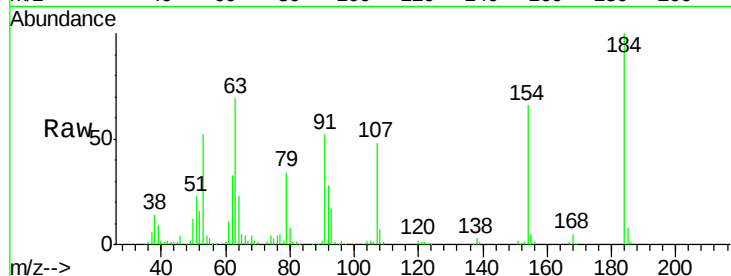




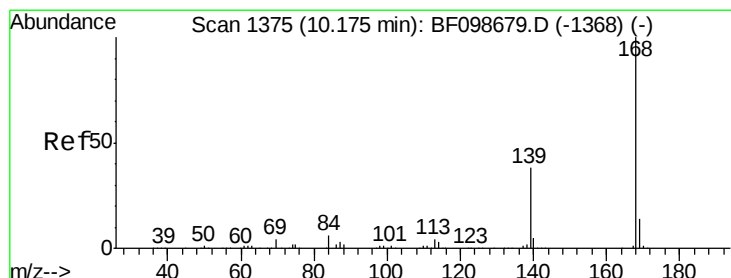
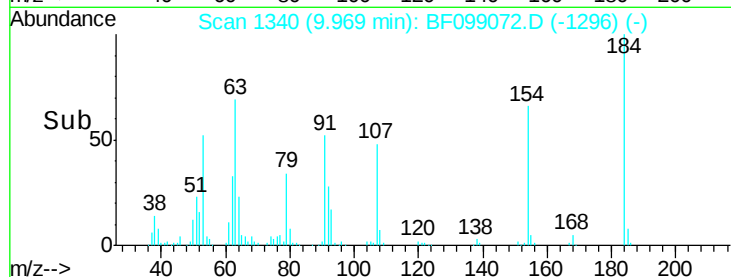
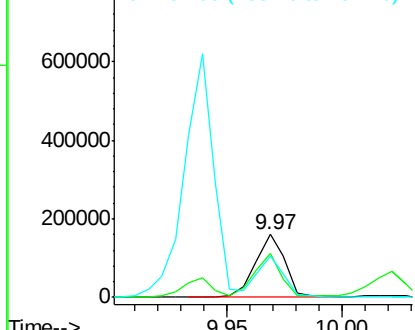
#53
2,4-Dinitrophenol
Concen: 74.22 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.04 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
184	100		
63	69.1	54.2	81.2
154	66.5	53.5	80.3

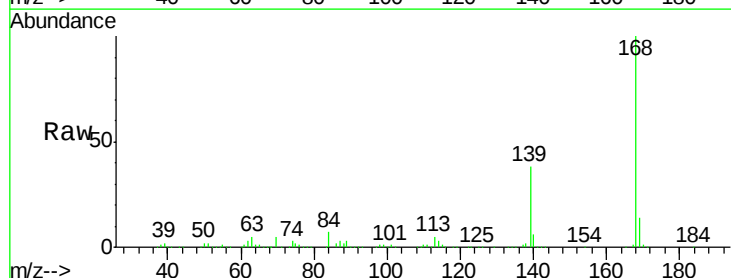


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

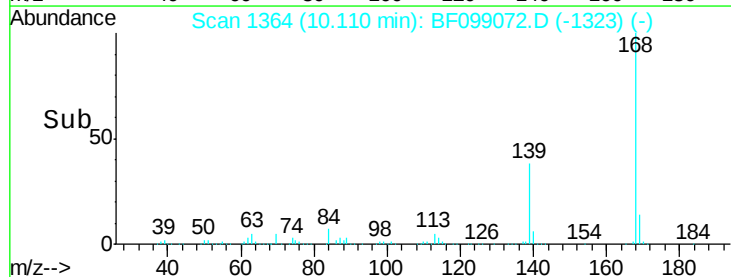
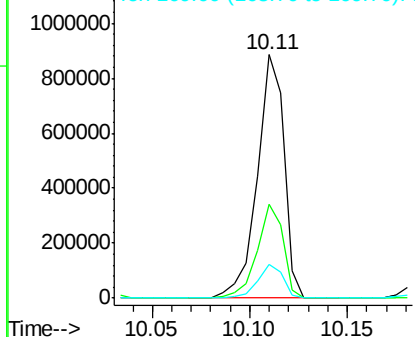


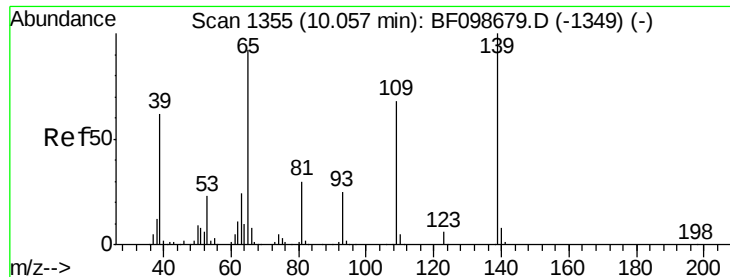
#54
Dibenzofuran
Concen: 43.78 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.06 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.1	45.1
169	13.9	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

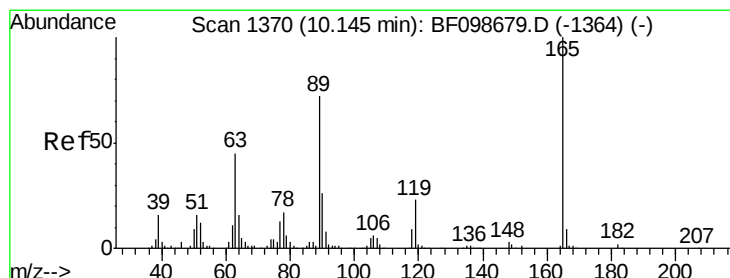
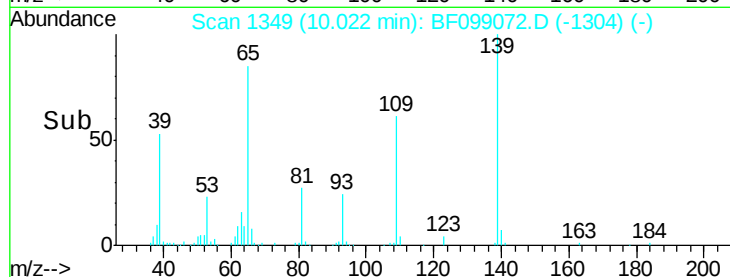
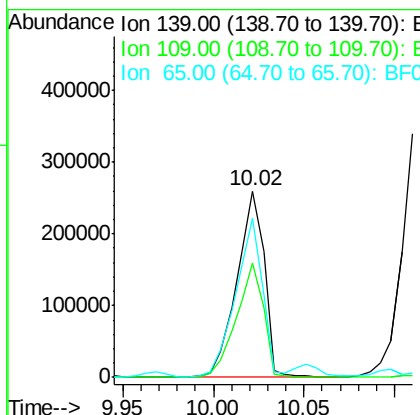
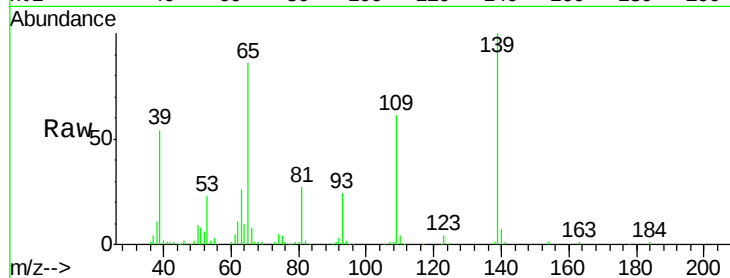




#55
4-Nitrophenol
Concen: 73.28 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.04 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

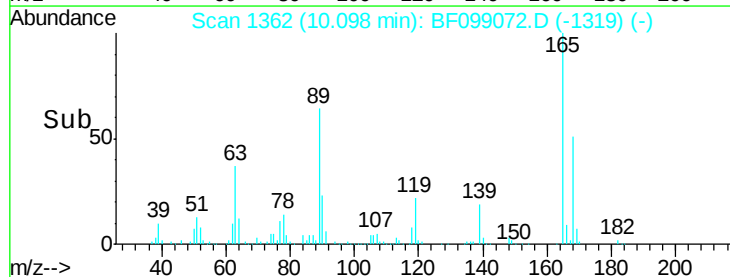
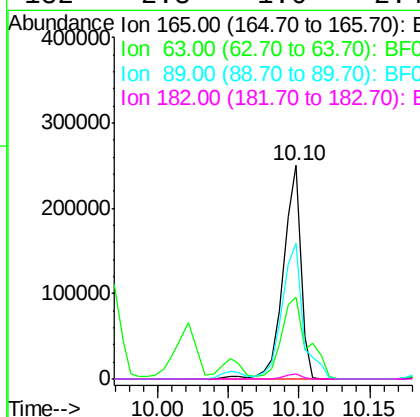
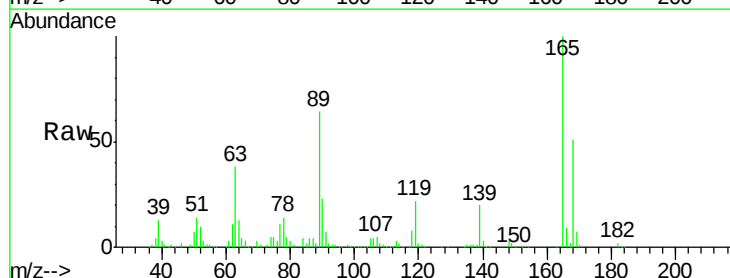
Instrument :
BNA_F
ClientSampled :

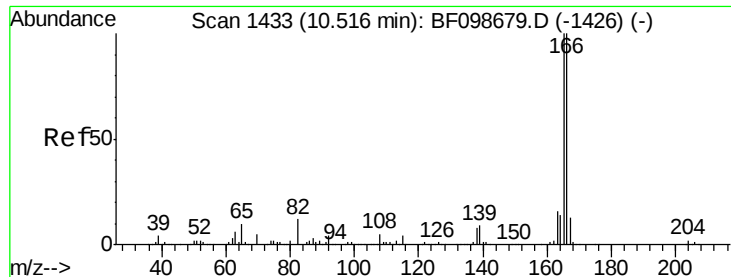
Tot Ion:139 Resp: 273236
Ion Ratio Lower Upper
139 100
109 61.5 48.4 88.4
65 85.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 44.21 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.05 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Tgt Ion:165 Resp: 216960
Ion Ratio Lower Upper
165 100
63 38.2 36.4 54.6
89 63.7 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 42.19 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.05 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

Instrument :

BNA_F

ClientSampleId :

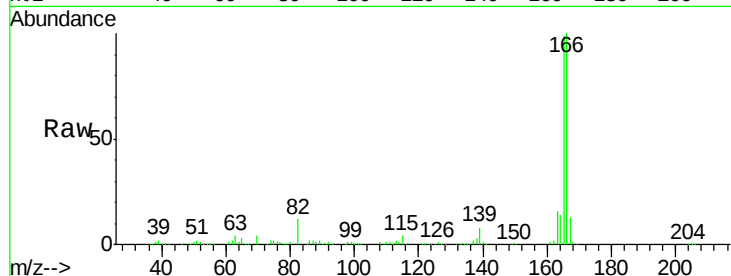
Tot Ion:166 Resp: 650223

Ion Ratio Lower Upper

166 100

165 99.5 79.8 119.8

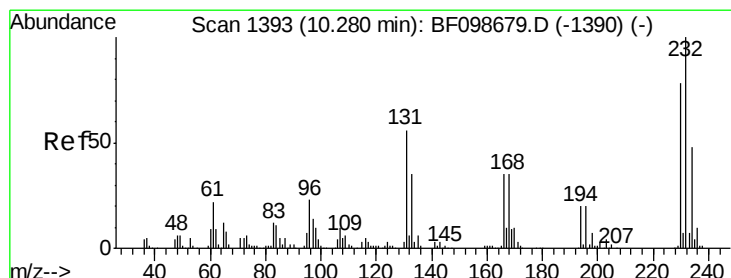
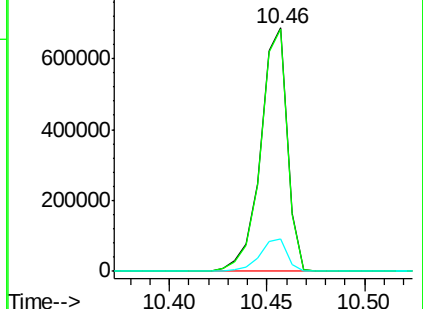
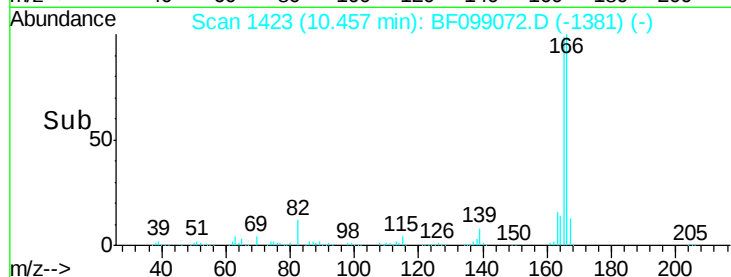
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.57 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.05 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

Tgt Ion:232 Resp: 149459

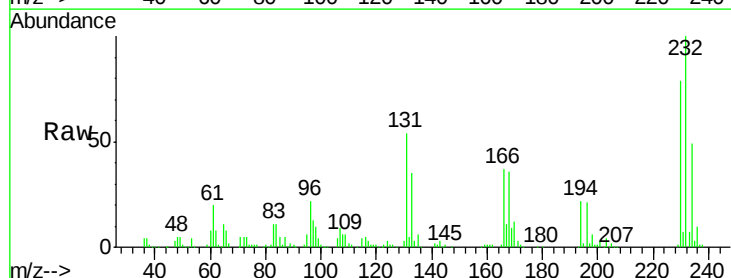
Ion Ratio Lower Upper

232 100

131 54.0 43.8 65.8

130 2.5 2.1 3.1

166 36.6 27.8 41.6

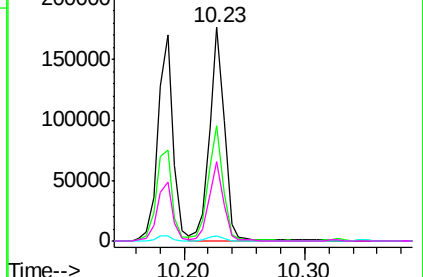
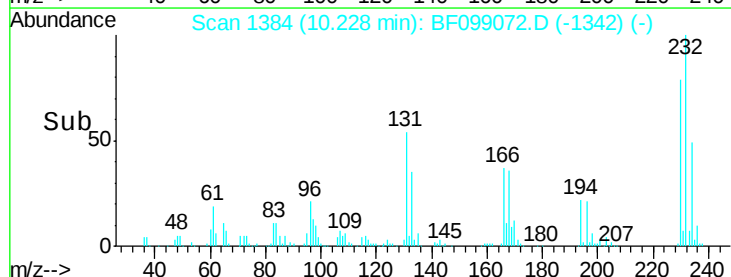


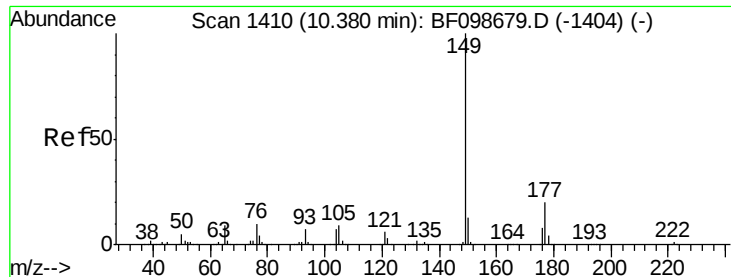
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

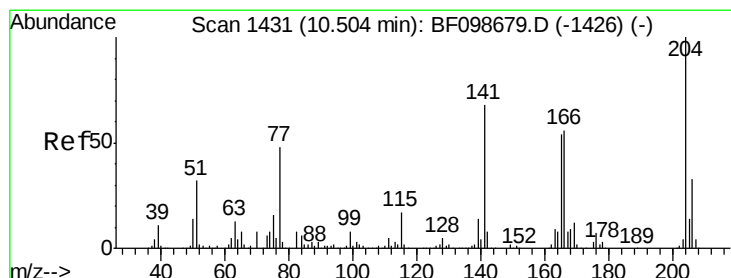
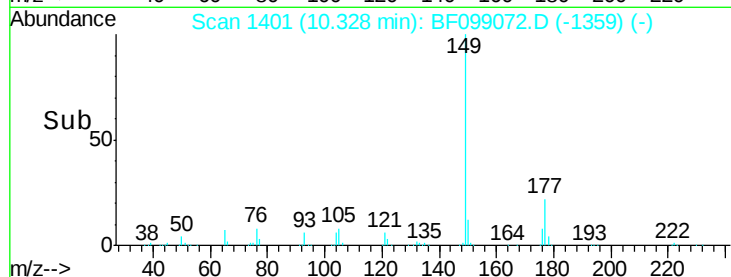
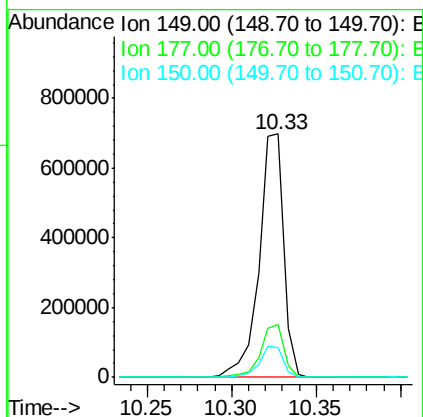
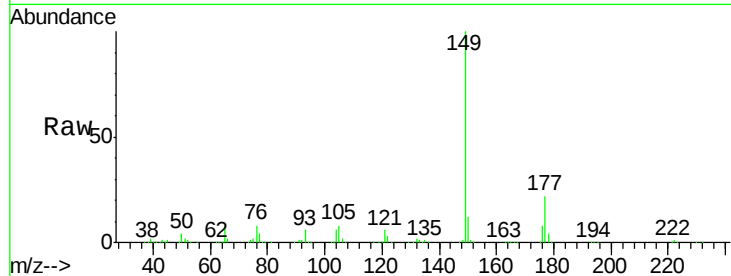




#59
Diethylphthalate
Concen: 41.57 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.05 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

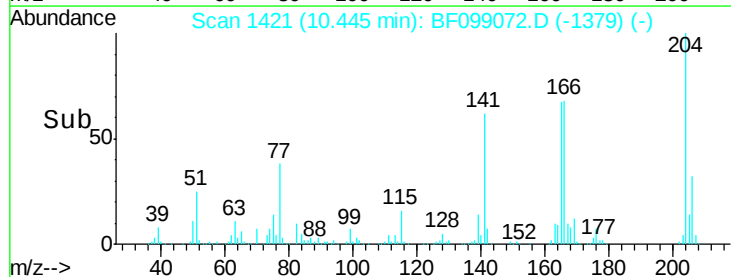
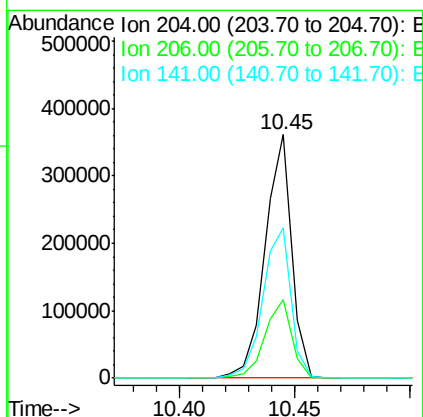
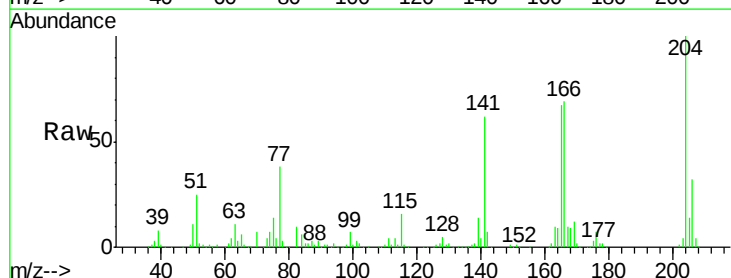
Instrument :
BNA_F
ClientSampleId :

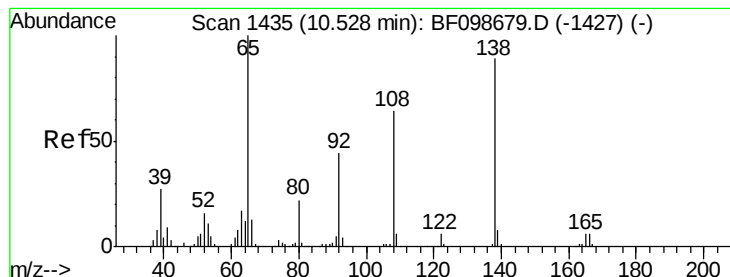
Tot Ion:149 Resp: 705616
Ion Ratio Lower Upper
149 100
177 21.9 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.90 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.05 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Tgt Ion:204 Resp: 290046
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 61.8 54.6 81.8





#61

4-Nitroaniline

Concen: 43.04 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.05 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

Instrument :

BNA_F

ClientSampleId :

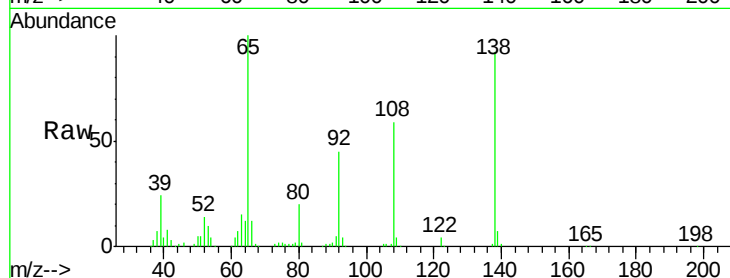
Tot Ion:138 Resp: 183110

Ion Ratio Lower Upper

138 100

92 49.3 30.2 70.2

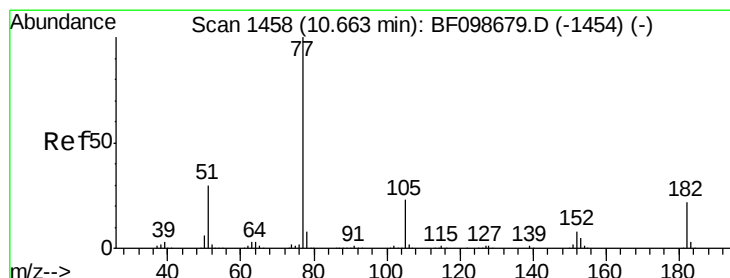
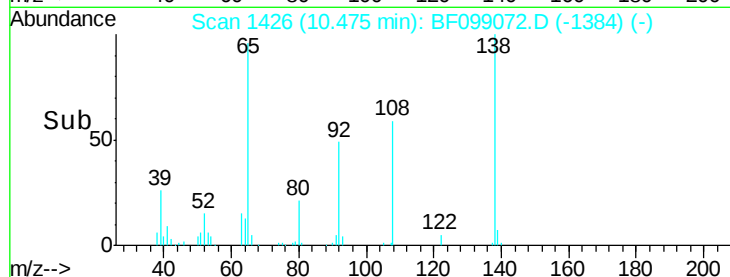
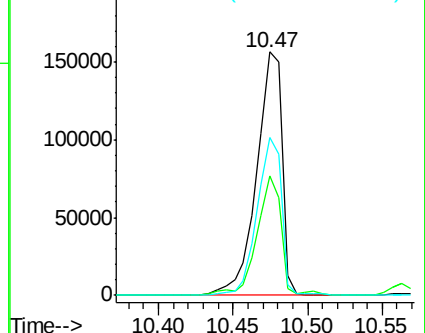
108 64.9 52.5 92.5



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: 43.30 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.06 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

Tgt Ion: 77 Resp: 675819

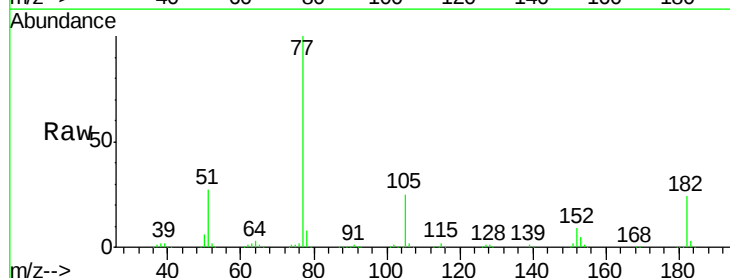
Ion Ratio Lower Upper

77 100

182 24.1 1.7 41.7

105 24.6 3.0 43.0

51 27.3 9.9 49.9

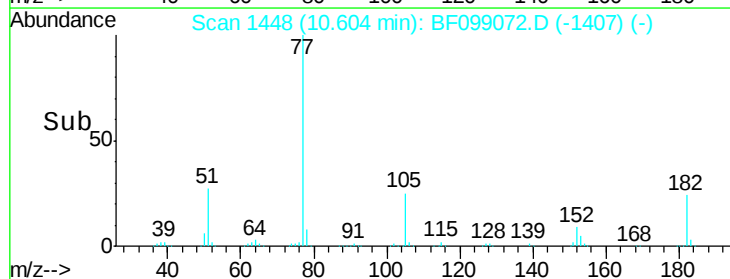
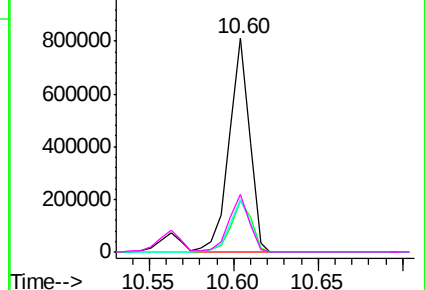


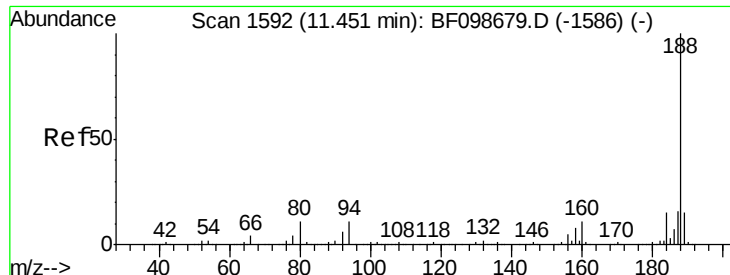
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

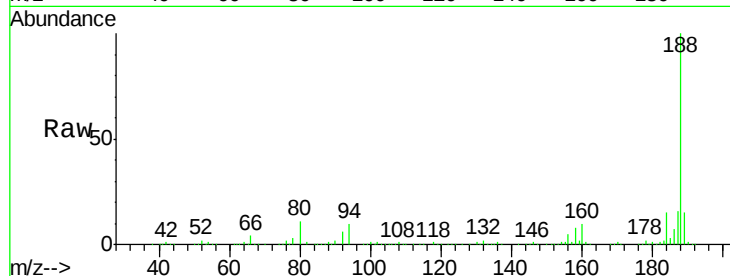




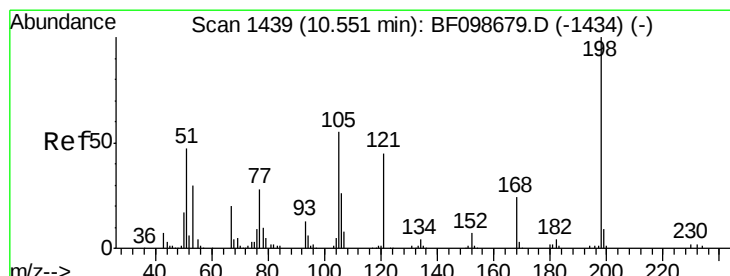
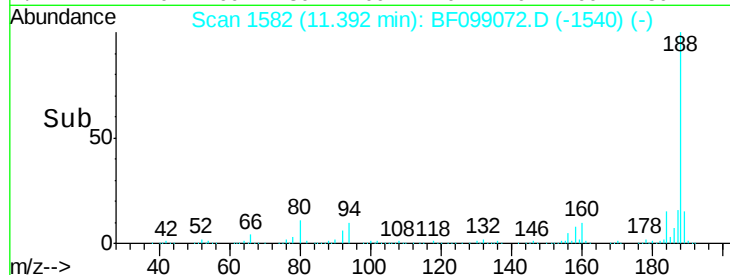
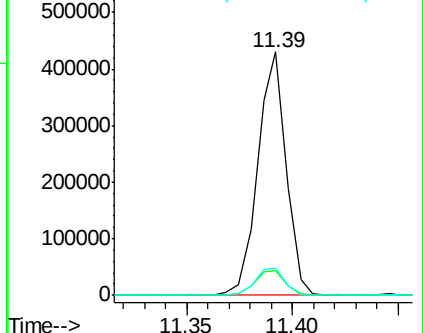
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.05 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.2	9.2	13.8

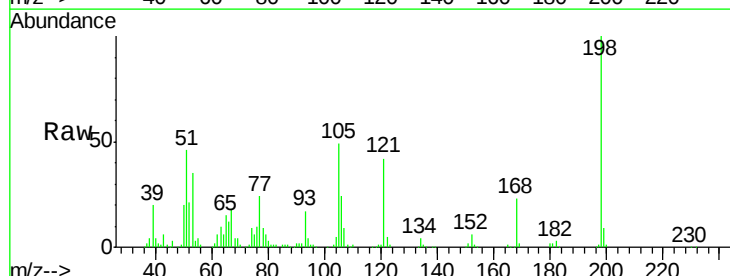


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

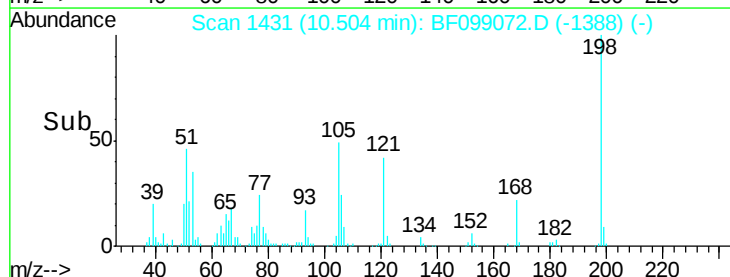
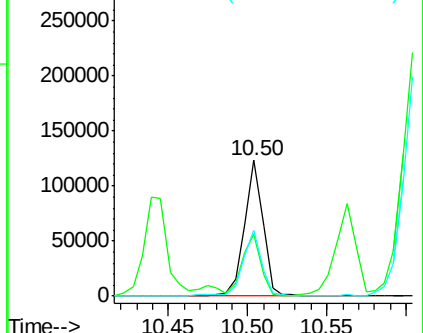


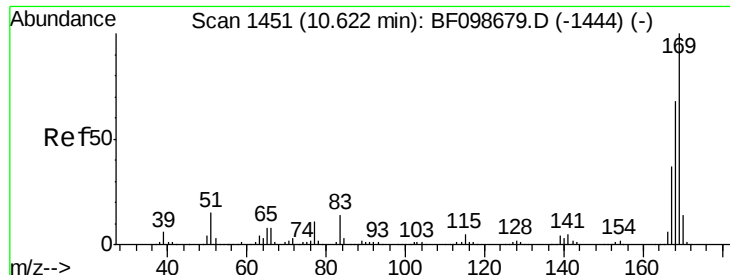
#64
4,6-Dinitro-2-methylphenol
Concen: 41.08 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.05 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.6	37.7	77.7
105	48.7	36.3	76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

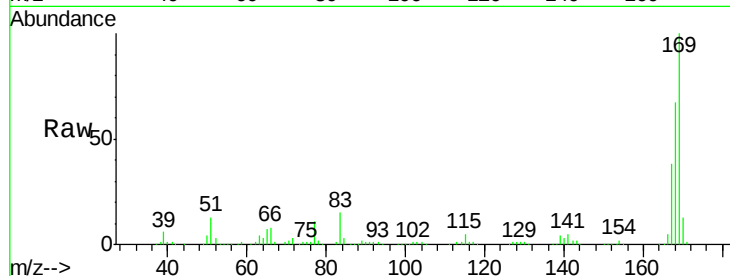




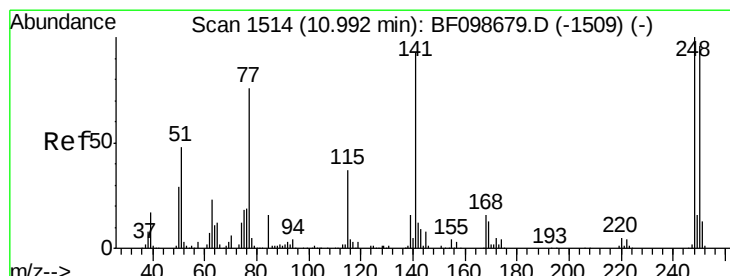
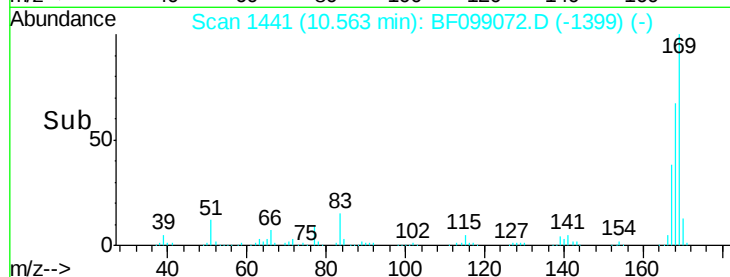
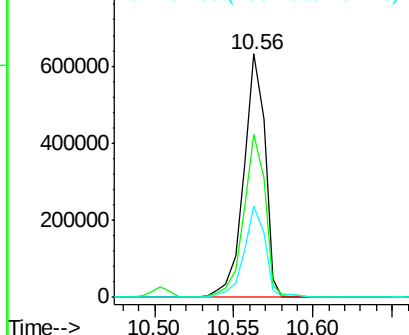
#65
 n-Nitrosodiphenylamine
 Concen: 42.16 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.05 min
 Lab File: BF099072.D
 Acq: 4 Oct 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 584498
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.4 81.6
 167 37.7 29.8 44.6

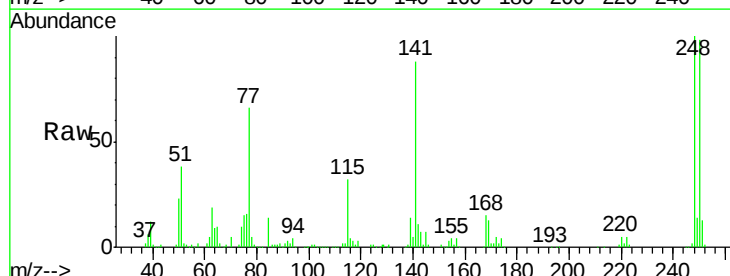


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

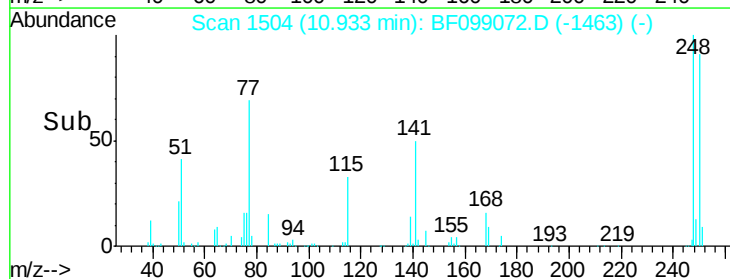
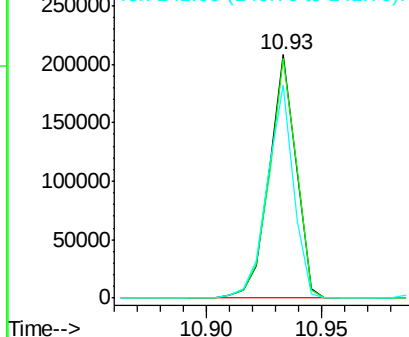


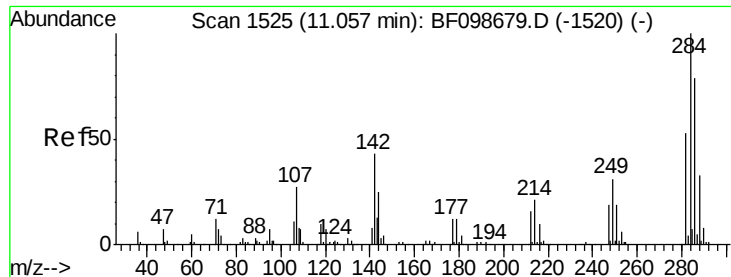
#66
 4-Bromophenyl-phenylether
 Concen: 43.06 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.06 min
 Lab File: BF099072.D
 Acq: 4 Oct 2017 17:44

Tgt Ion:248 Resp: 168699
 Ion Ratio Lower Upper
 248 100
 250 98.3 76.9 115.3
 141 87.5 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: 40.94 ng

RT: 11.00 min Scan# 1515

Delta R.T. -0.06 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

Instrument :

BNA_F

ClientSampled :

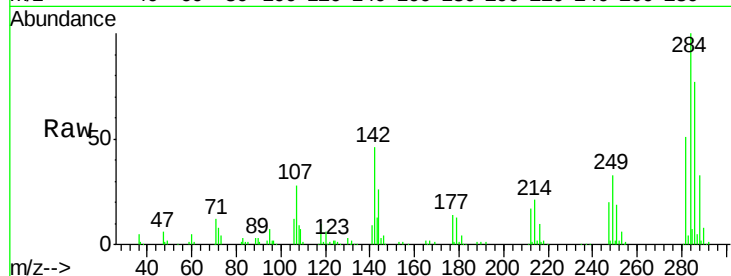
Tot Ion:284 Resp: 171292

Ion Ratio Lower Upper

284 100

142 45.6 34.6 52.0

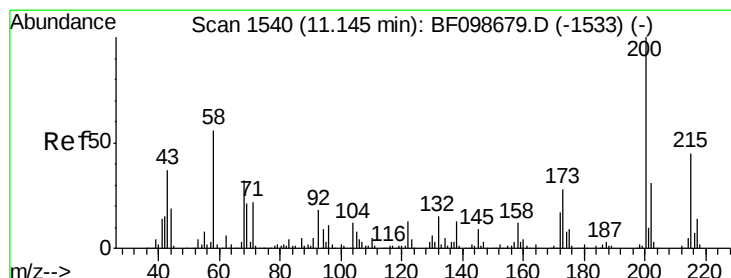
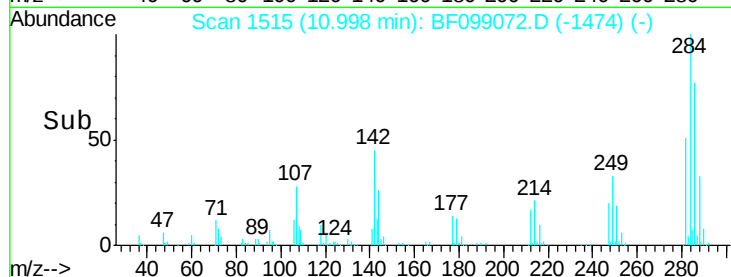
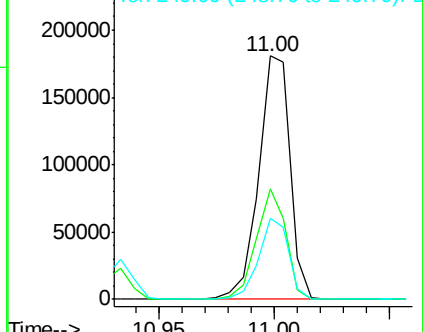
249 33.3 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.37 ng

RT: 11.09 min Scan# 1531

Delta R.T. -0.05 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

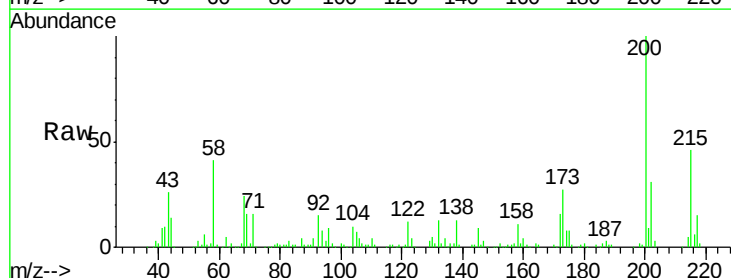
Tgt Ion:200 Resp: 180938

Ion Ratio Lower Upper

200 100

173 27.5 8.6 48.6

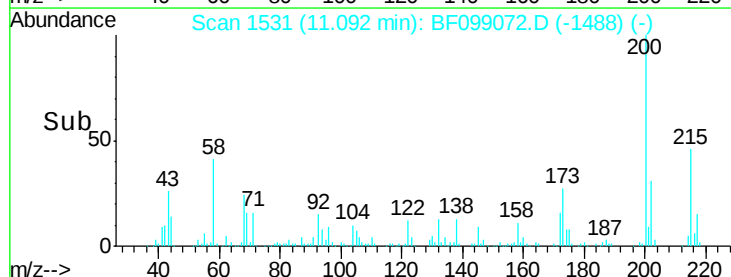
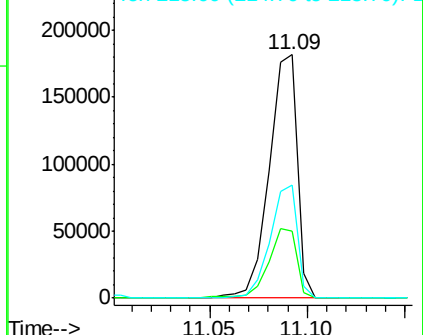
215 46.5 25.1 65.1

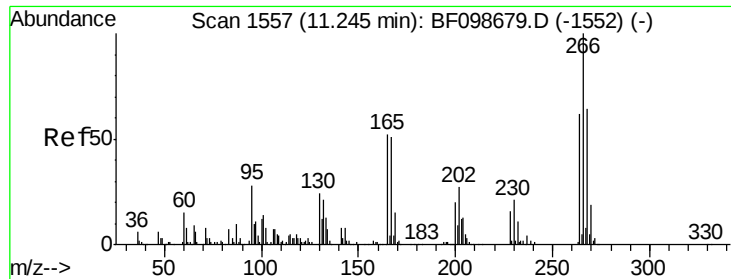


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

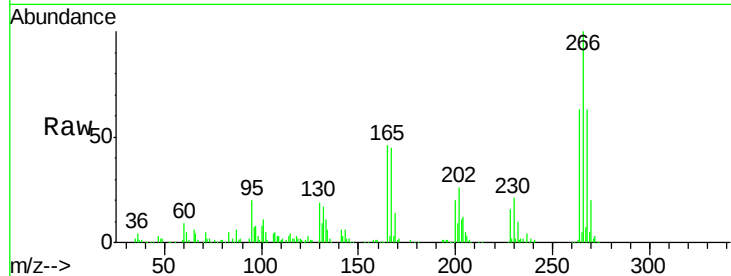




#69
 Pentachlorophenol
 Concen: 68.76 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.05 min
 Lab File: BF099072.D
 Acq: 4 Oct 2017 17:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	63.0	49.5	74.3

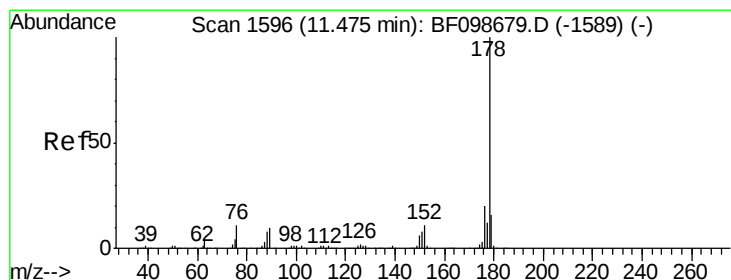
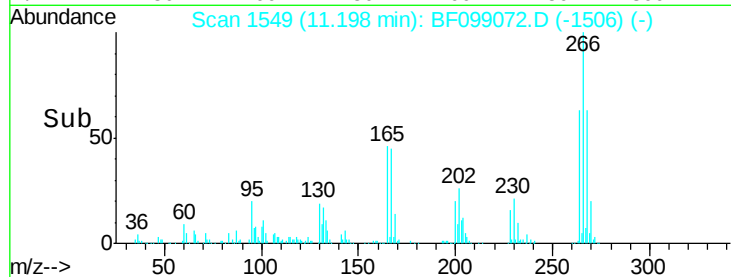
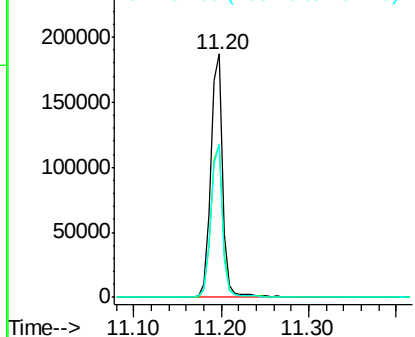


Abundance

Ion 265.70 (265.40 to 266.40): E

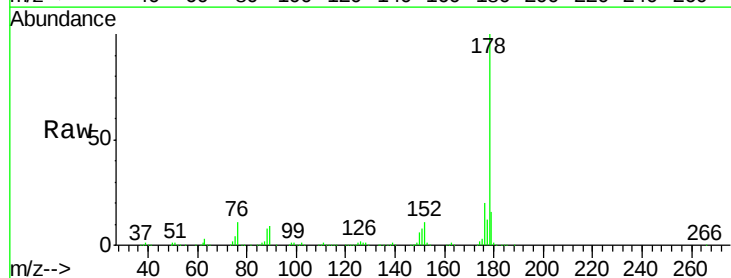
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.72 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.06 min
 Lab File: BF099072.D
 Acq: 4 Oct 2017 17:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.8	13.0	19.6

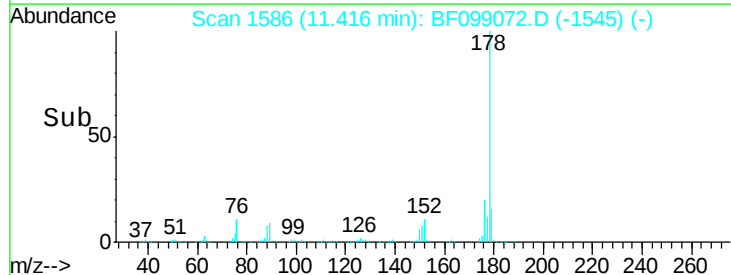
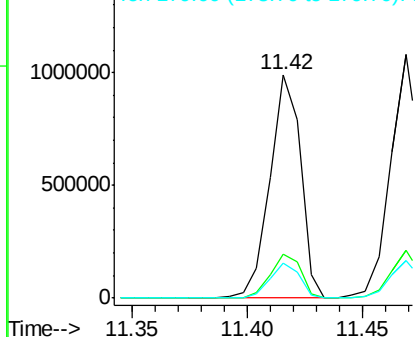


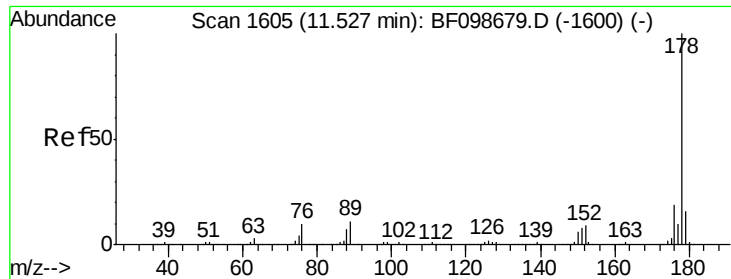
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

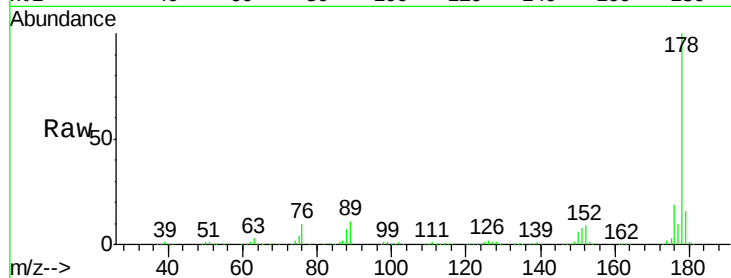




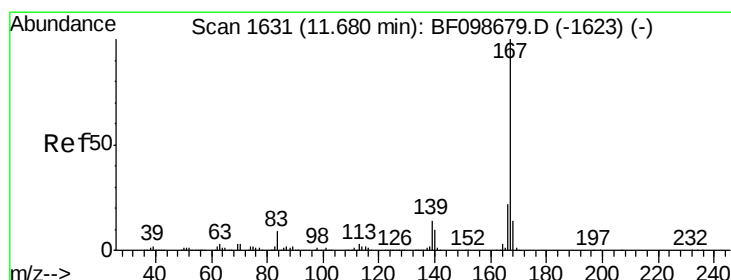
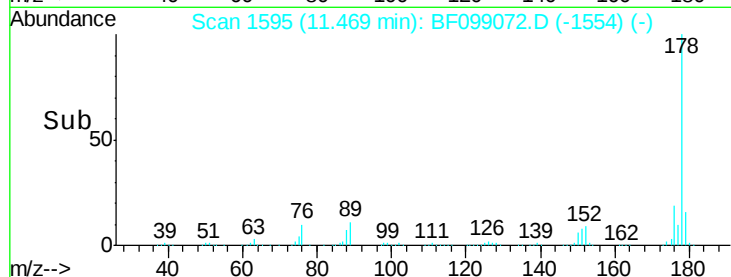
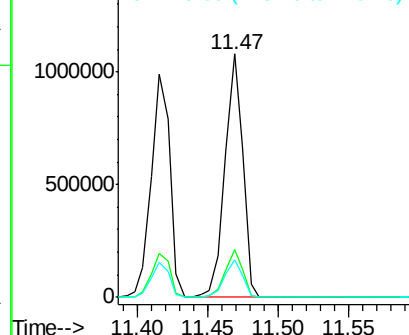
#71
 Anthracene
 Concen: 43.40 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.06 min
 Lab File: BF099072.D
 Acq: 4 Oct 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 951435
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.7 12.6 19.0

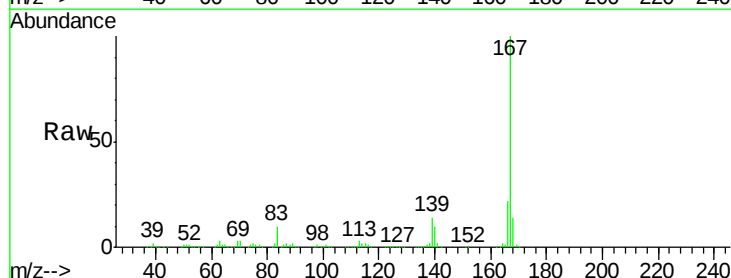


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

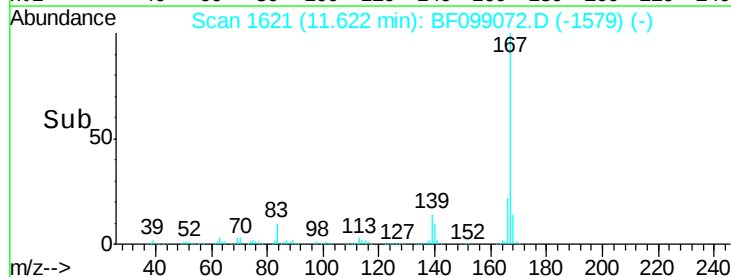
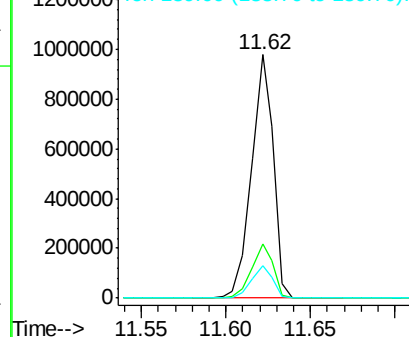


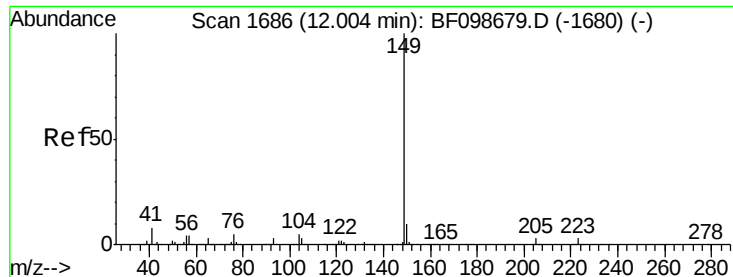
#72
 Carbazole
 Concen: 41.15 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.05 min
 Lab File: BF099072.D
 Acq: 4 Oct 2017 17:44

Tgt Ion:167 Resp: 883367
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.6 10.9 16.3



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





#73

Di-n-butylphthalate

Concen: 41.76 ng

RT: 11.95 min Scan# 1676

Delta R.T. -0.06 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

Instrument :

BNA_F

ClientSampleId :

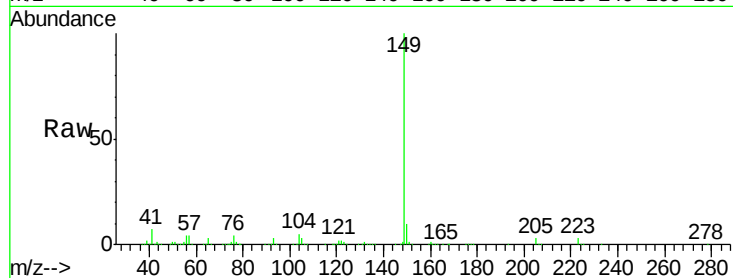
Tot Ion:149 Resp: 1078918

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

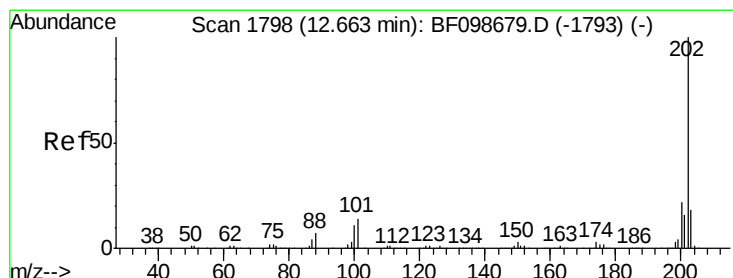
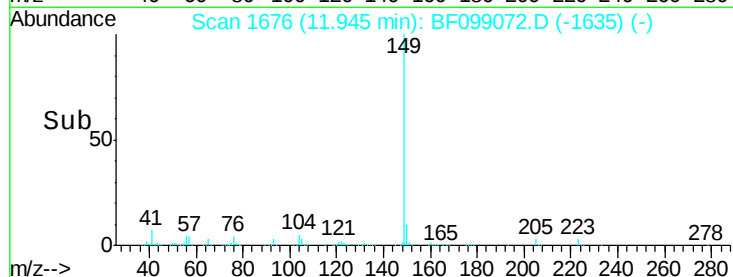
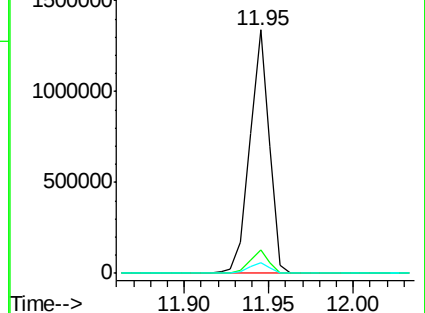
104 4.6 3.8 5.8



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: 41.92 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.06 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

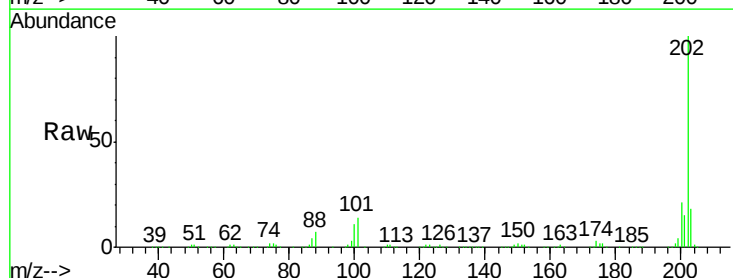
Tgt Ion:202 Resp: 909308

Ion Ratio Lower Upper

202 100

101 14.4 0.0 34.1

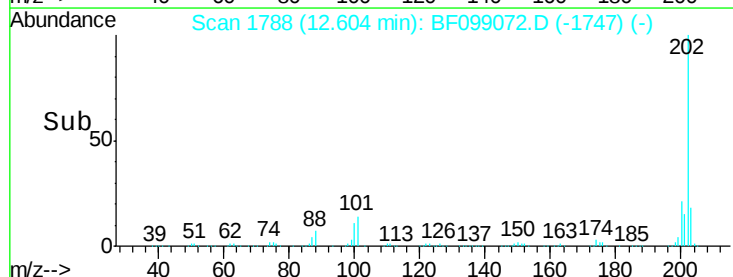
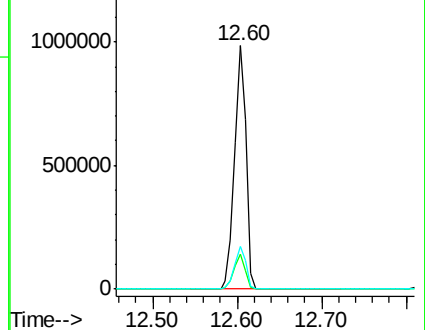
203 17.8 0.0 38.1

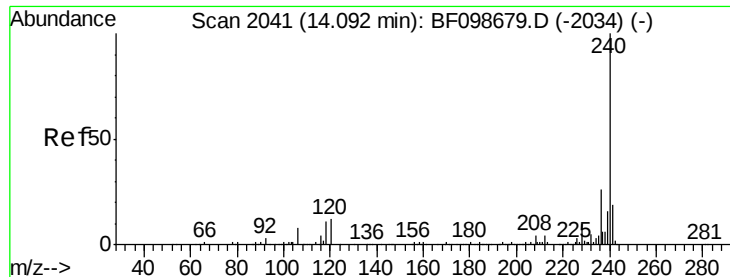


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.03 min Scan# 2031

Delta R.T. -0.05 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

Instrument :

BNA_F

ClientSampleId :

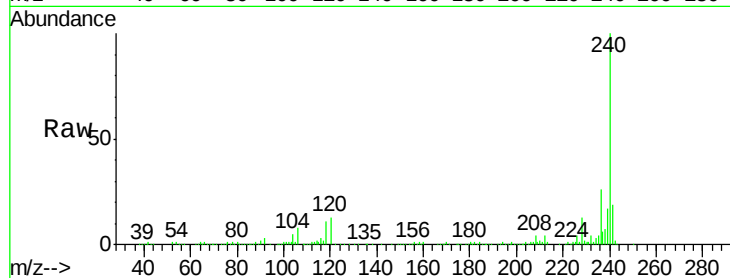
Tot Ion:240 Resp: 262076

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

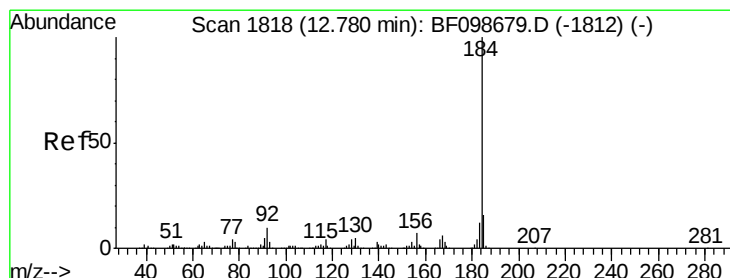
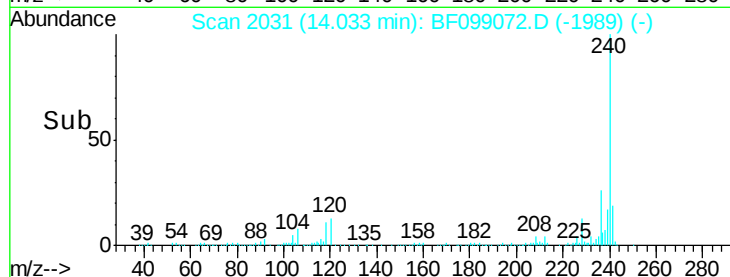
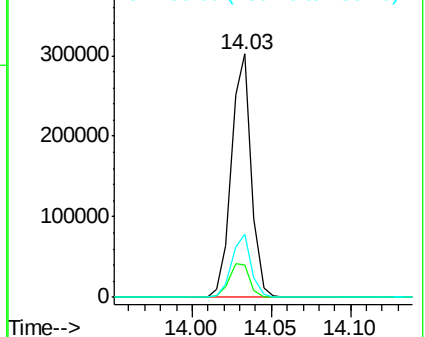
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.46 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.06 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

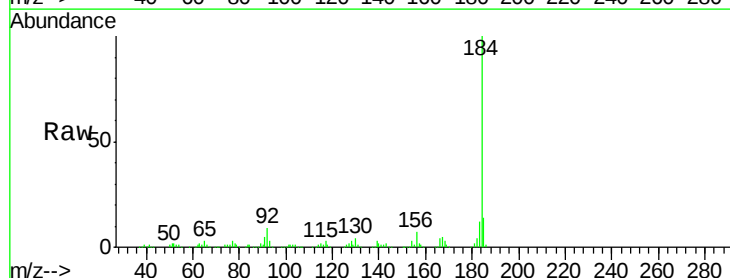
Tgt Ion:184 Resp: 285526

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

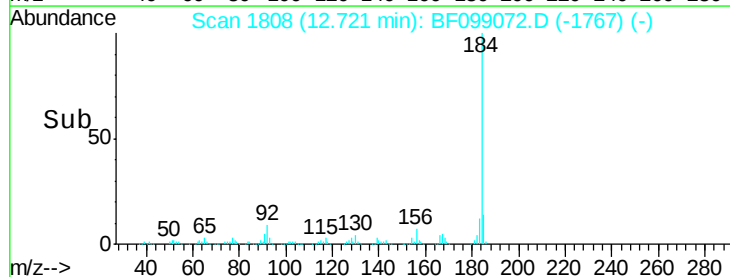
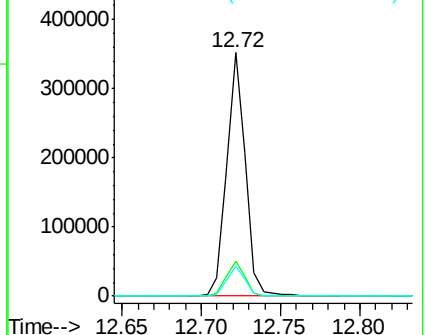
183 12.1 9.3 13.9

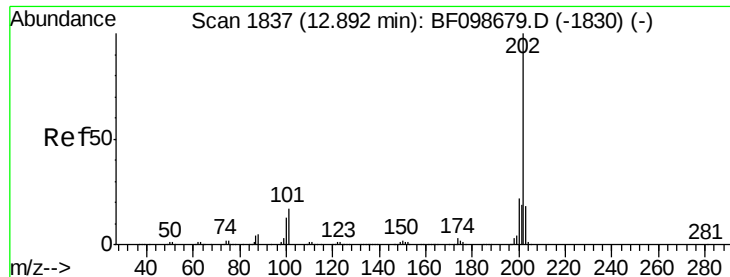


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.60 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.06 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

Instrument :

BNA_F

ClientSampleId :

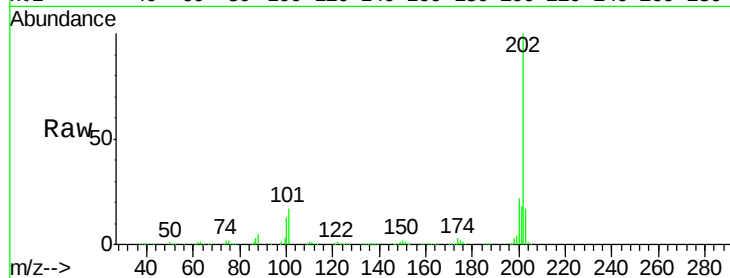
Tot Ion:202 Resp: 931266

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

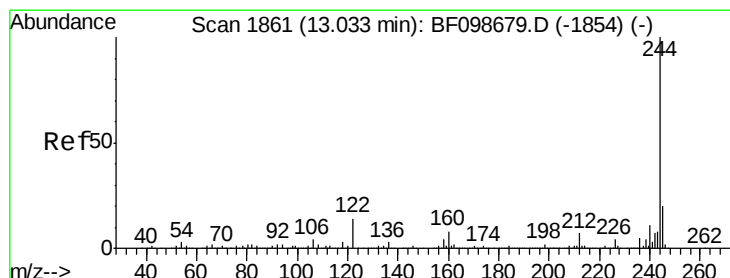
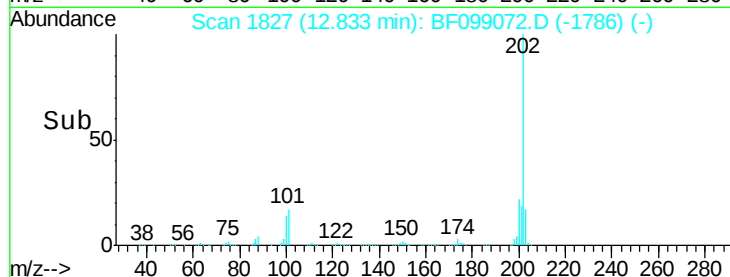
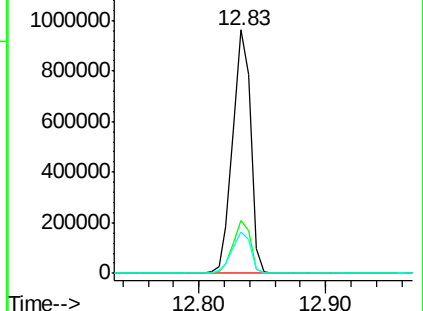
203 17.1 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.59 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.06 min

Lab File: BF099072.D

Acq: 4 Oct 2017 17:44

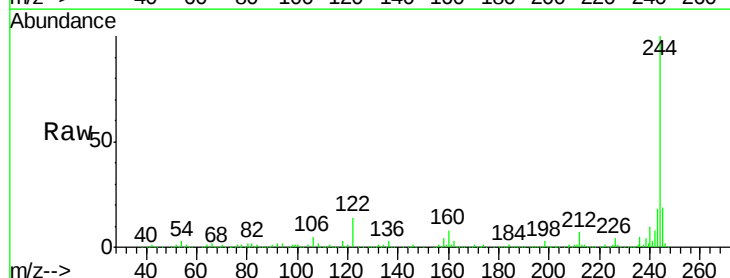
Tgt Ion:244 Resp: 1055524

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

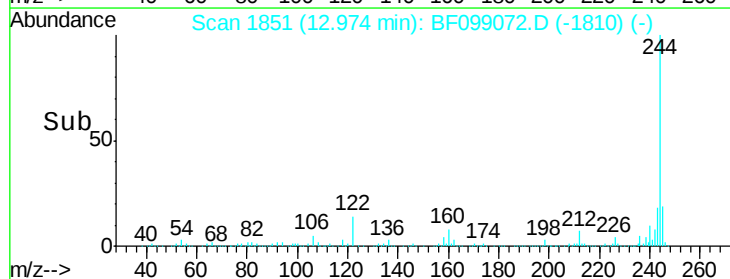
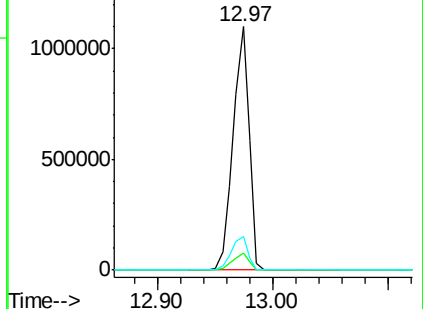
122 13.7 11.0 16.4

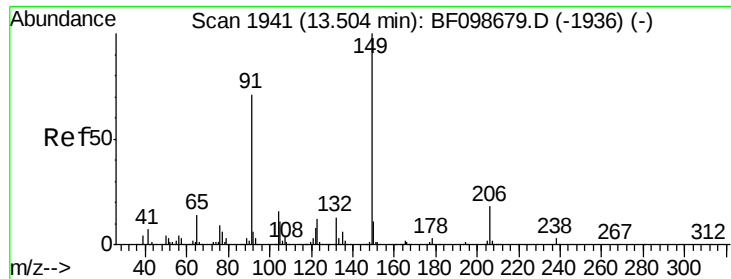


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

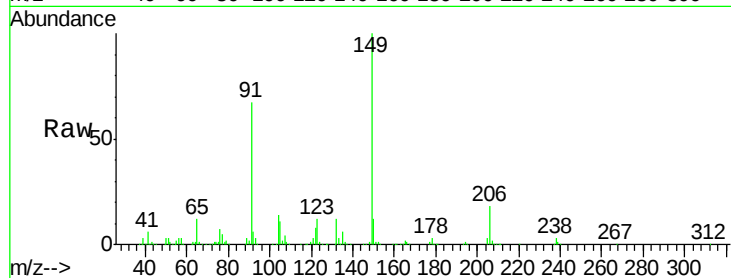




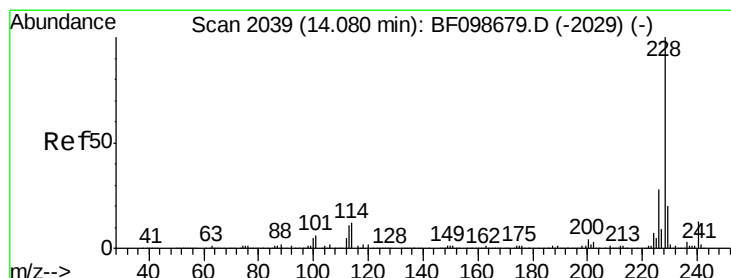
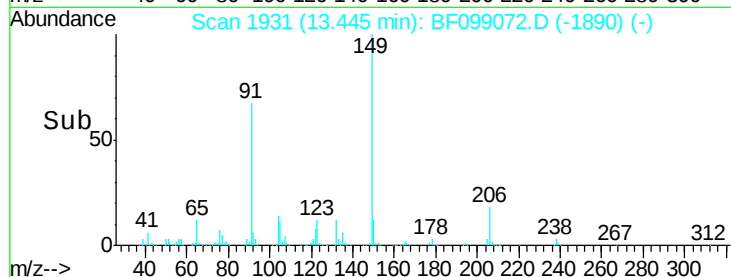
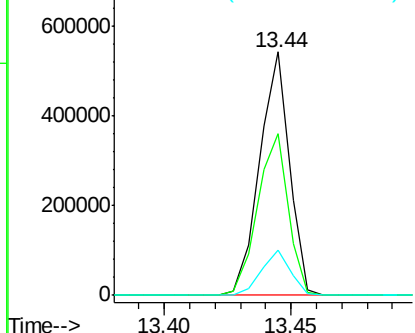
#79
Butylbenzylphthalate
Concen: 47.80 ng
RT: 13.44 min Scan# 1931
Delta R.T. -0.06 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 448928
Ion Ratio Lower Upper
149 100
91 66.5 56.8 85.2
206 18.4 14.1 21.1

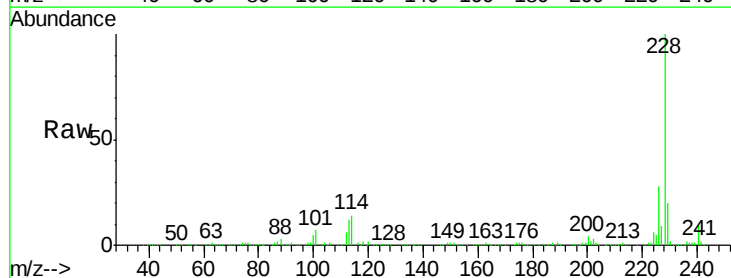


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

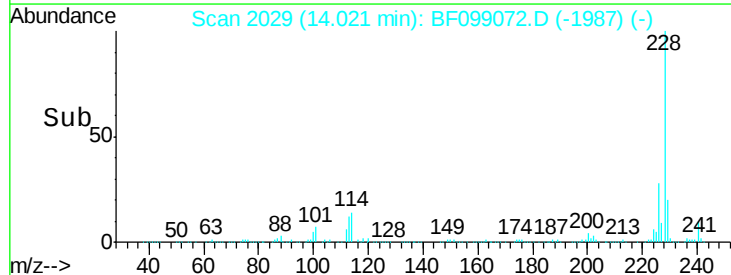
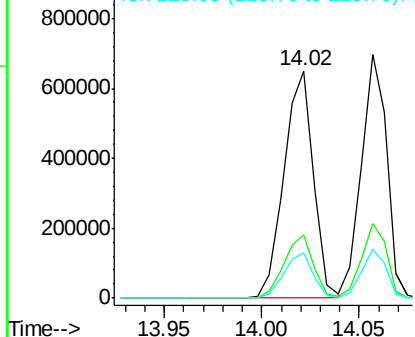


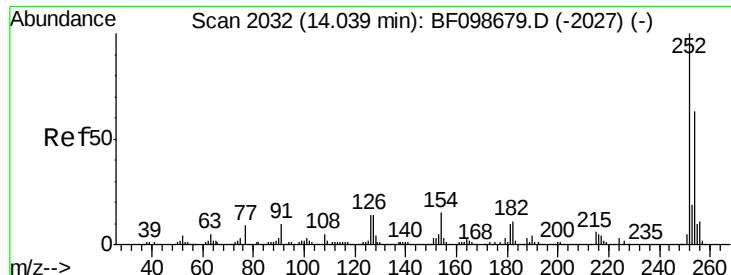
#80
Benzo(a)anthracene
Concen: 42.53 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.05 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Tgt Ion:228 Resp: 674966
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.8 15.8 23.6



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

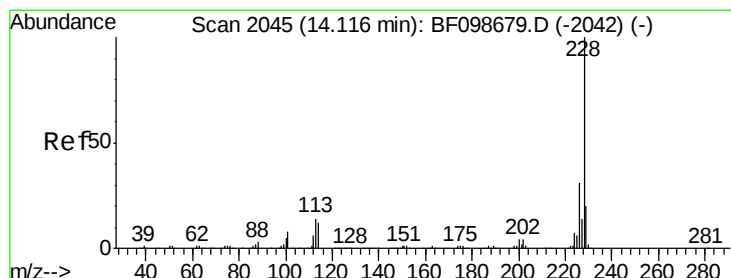
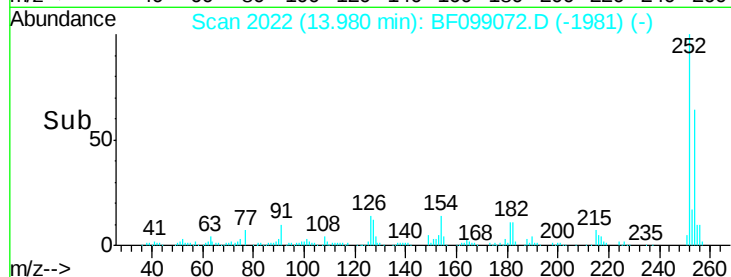
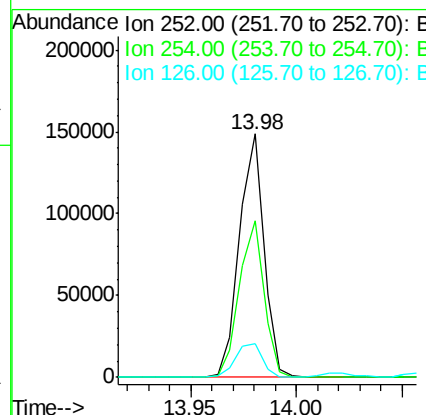
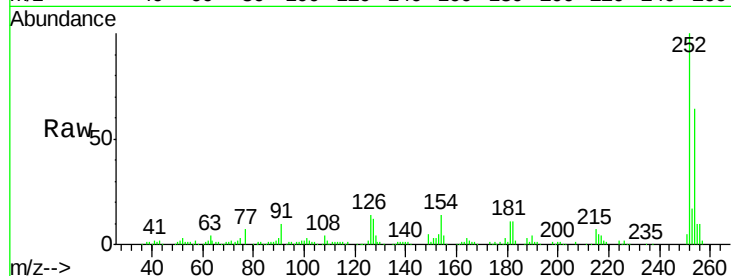




#81
 3,3'-Dichlorobenzidine
 Concen: 20.54 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.06 min
 Lab File: BF099072.D
 Acq: 4 Oct 2017 17:44

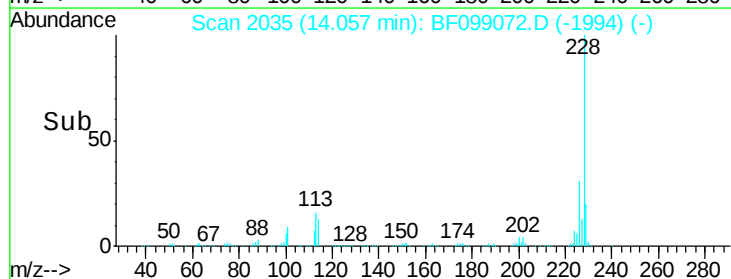
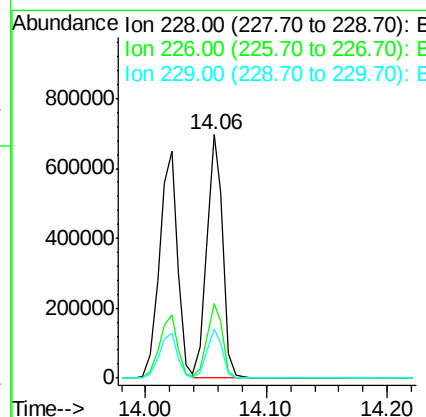
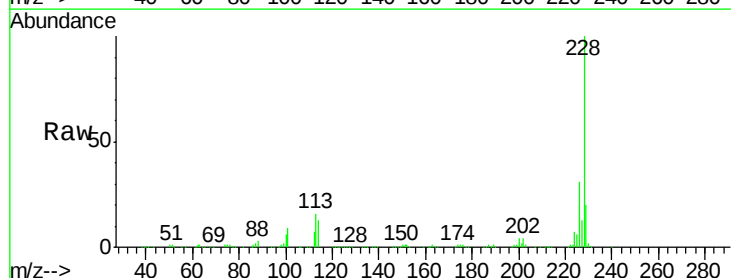
Instrument :
 BNA_F
 ClientSampleId :

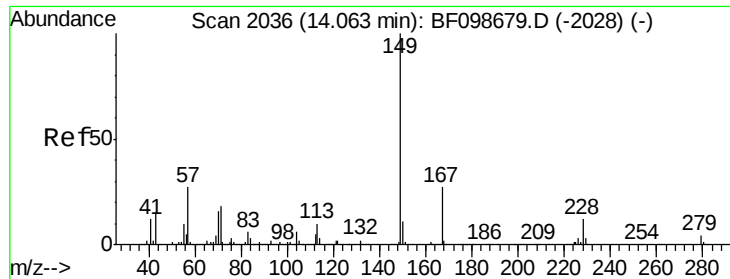
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.4	75.6
126	13.8	11.3	16.9



#82
 Chrysene
 Concen: 41.66 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.06 min
 Lab File: BF099072.D
 Acq: 4 Oct 2017 17:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	20.0	16.2	24.4

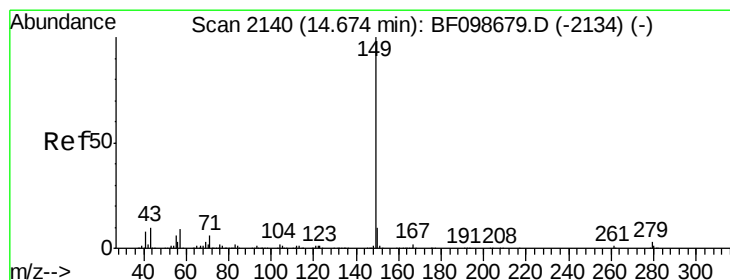
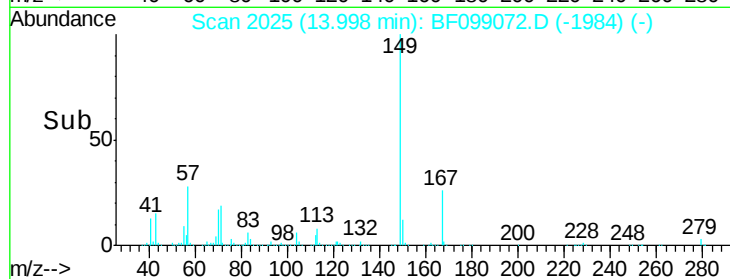
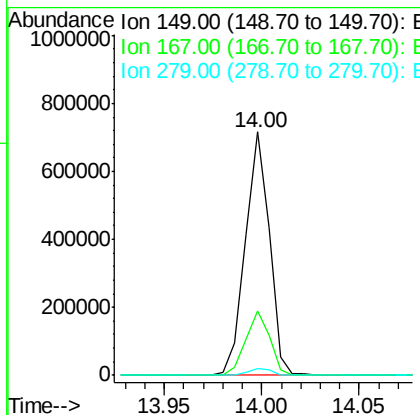
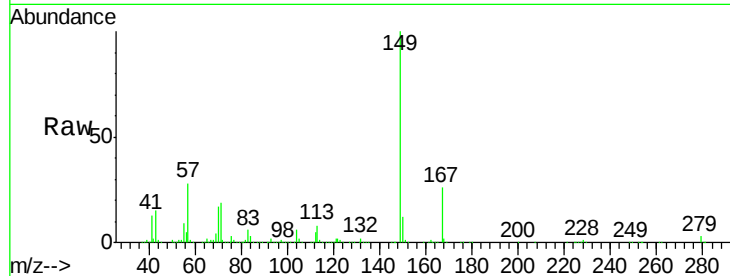




#83
Bis(2-ethylhexyl)phthalate
Concen: 47.49 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.06 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

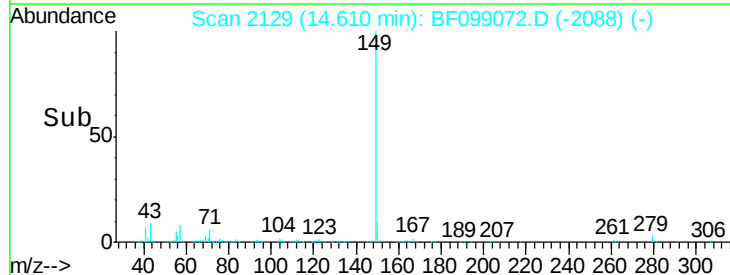
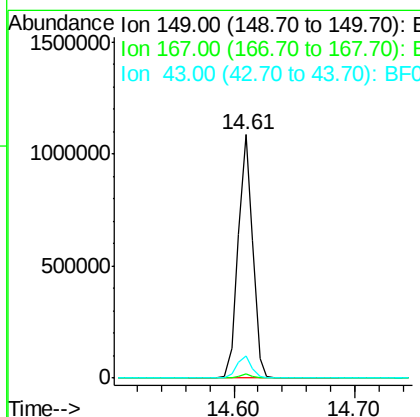
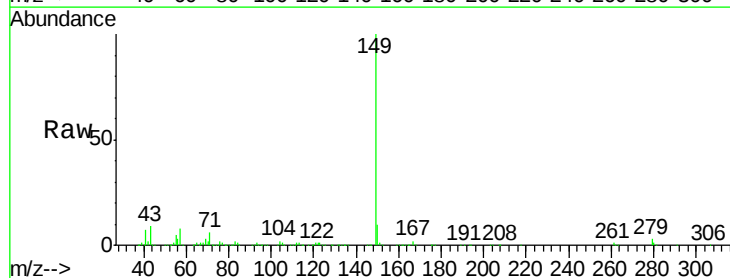
Instrument :
BNA_F
ClientSampleId :

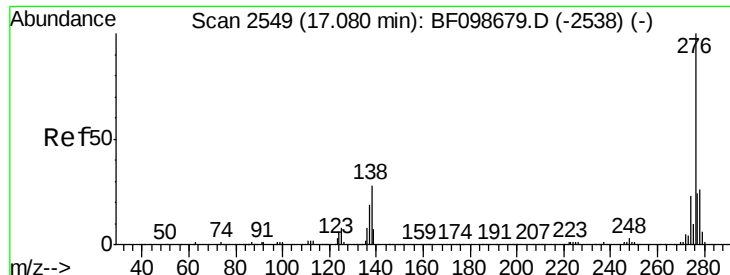
Tot Ion:149 Resp: 614101
Ion Ratio Lower Upper
149 100
167 26.3 21.3 31.9
279 2.8 3.0 4.4#



#84
Di-n-octyl phthalate
Concen: 44.19 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.06 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Tgt Ion:149 Resp: 920112
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.2 8.4 12.6

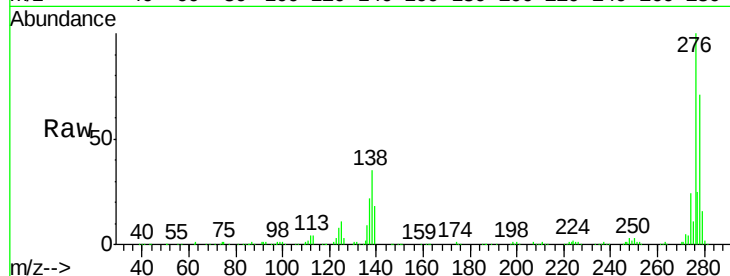




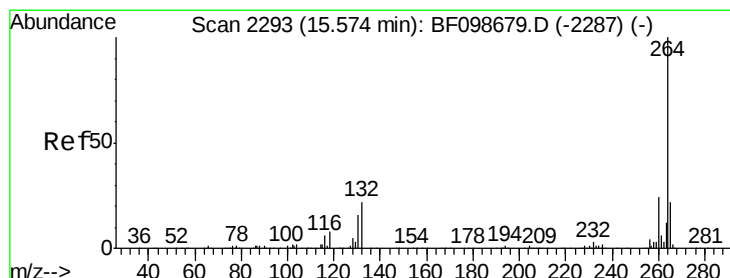
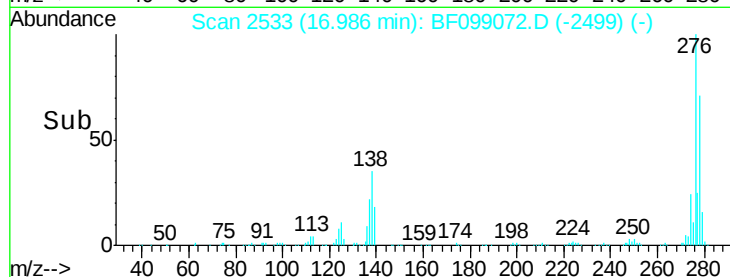
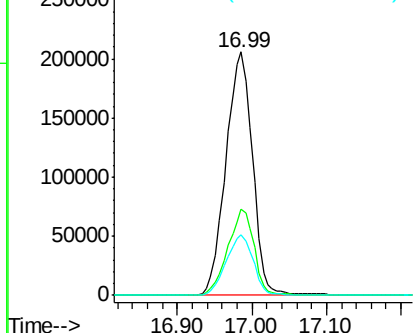
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.32 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.10 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 511444
Ion Ratio Lower Upper
276 100
138 35.0 25.0 37.6
277 25.3 20.1 30.1

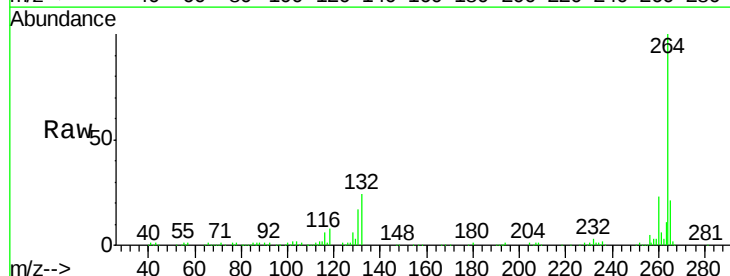


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

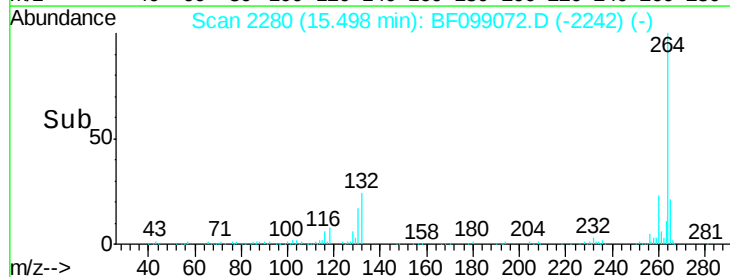
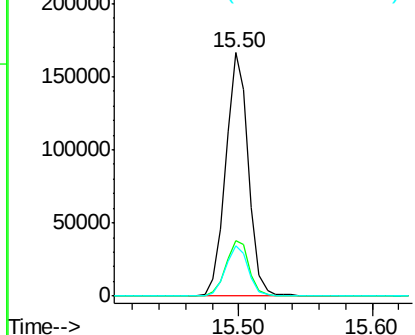


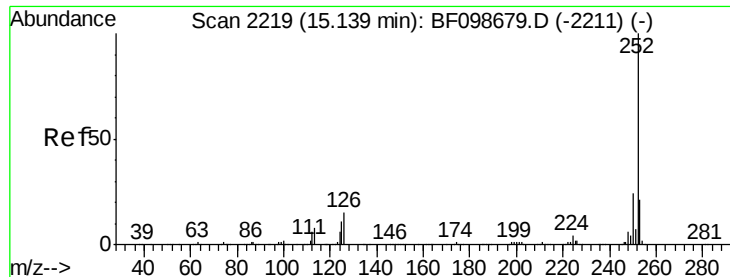
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.08 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Tgt Ion:264 Resp: 198831
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 20.7 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

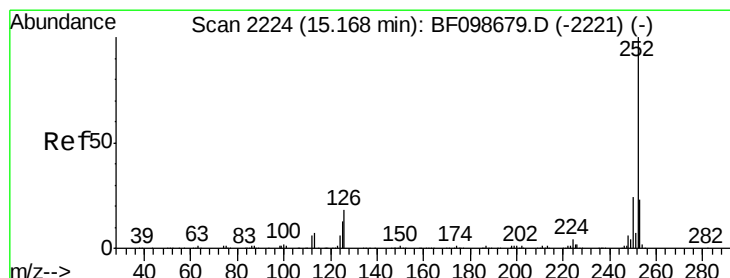
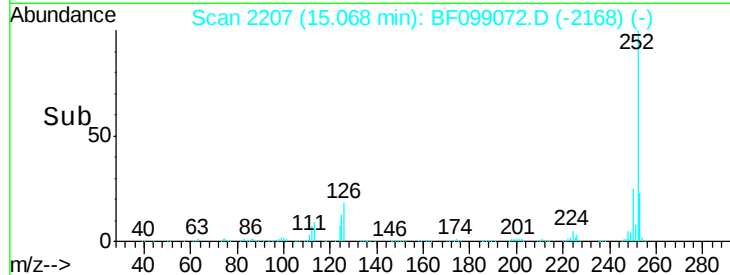
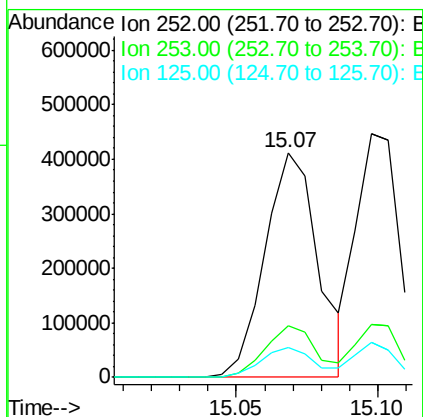
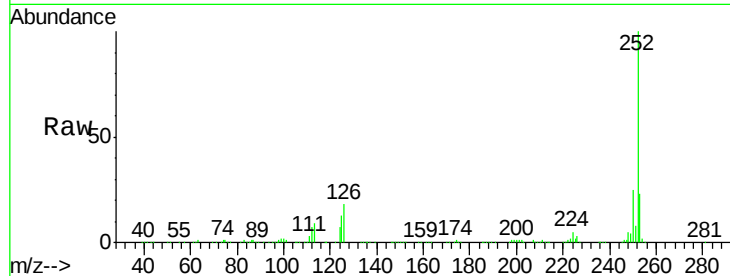




#87
Benzo(b)fluoranthene
Concen: 44.11 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.07 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

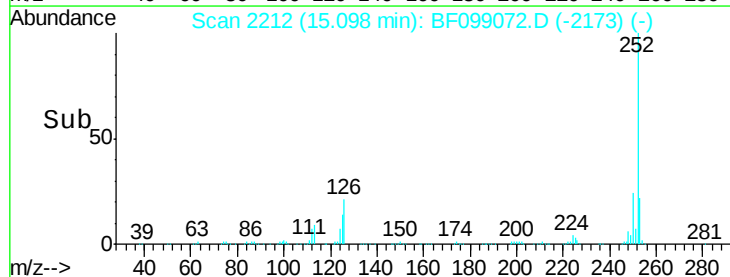
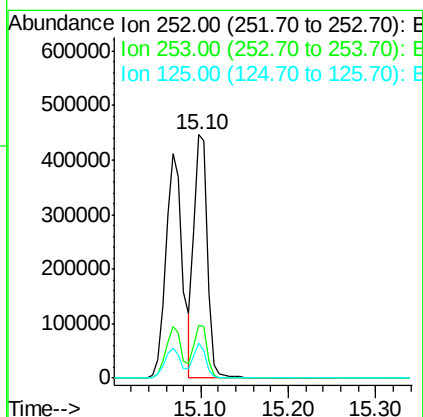
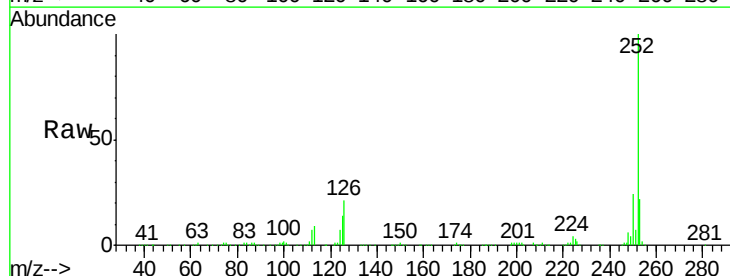
Instrument :
BNA_F
ClientSampleId :

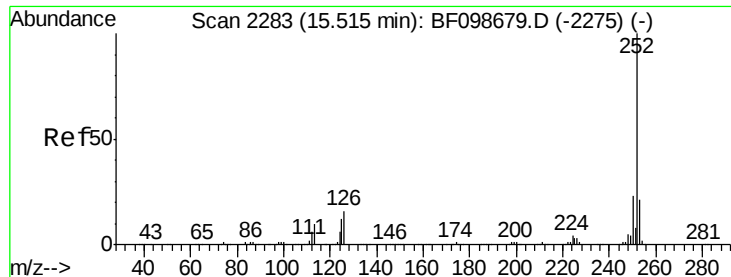
Tot Ion:252 Resp: 539265
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 13.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.76 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.07 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Tgt Ion:252 Resp: 480058
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 14.2 10.2 15.2

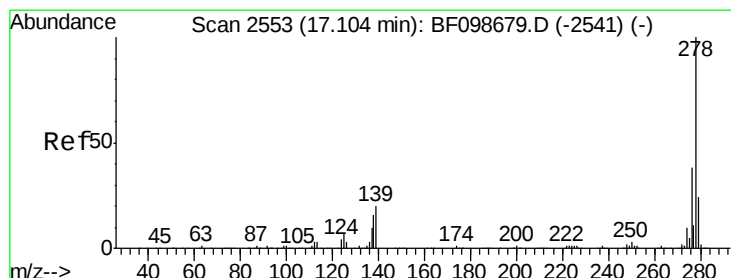
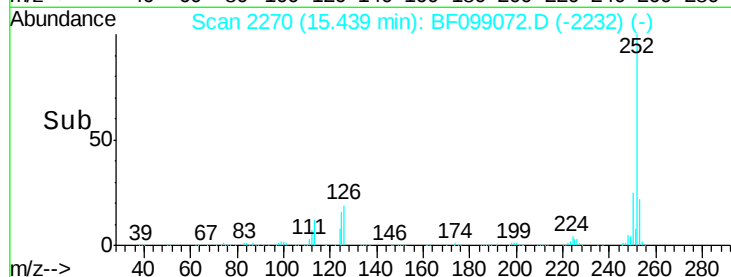
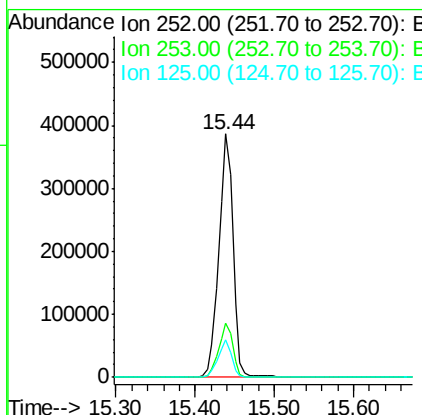
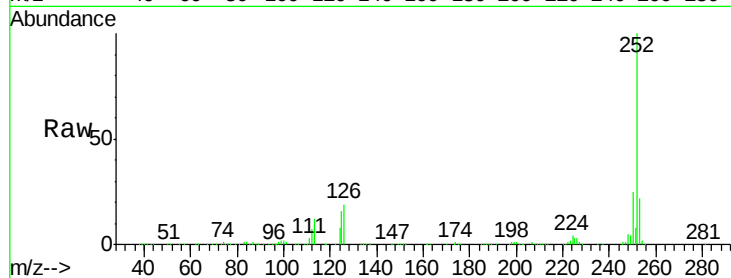




#89
Benzo(a)pyrene
Concen: 42.98 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.08 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

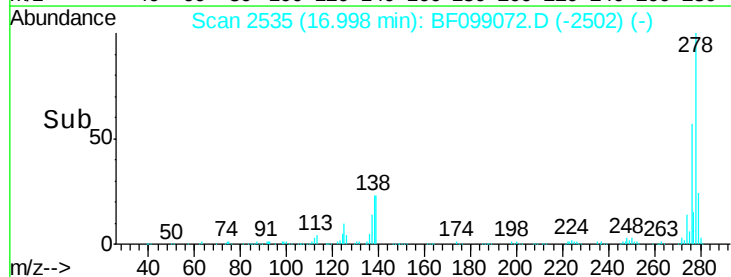
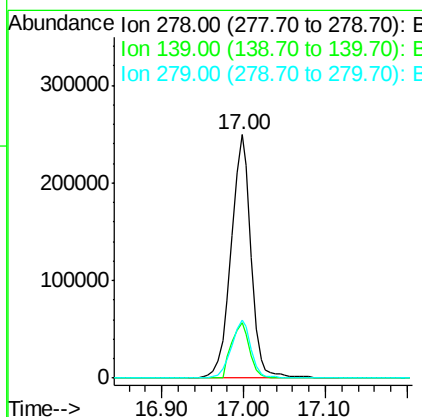
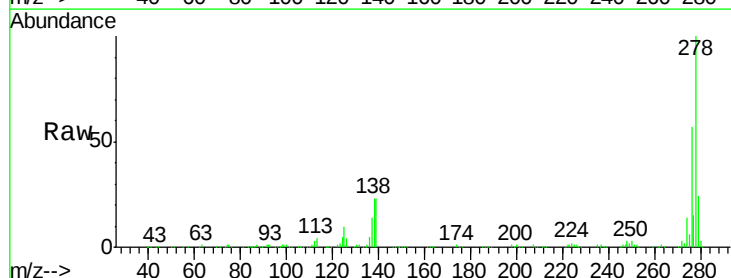
Instrument :
BNA_F
ClientSampleId :

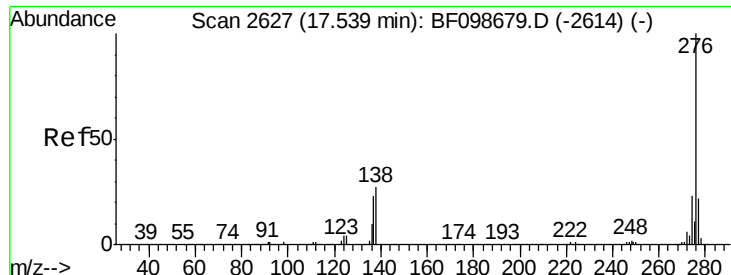
Tot Ion:252 Resp: 482287
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 15.5 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 47.30 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.11 min
Lab File: BF099072.D
Acq: 4 Oct 2017 17:44

Tgt Ion:278 Resp: 424798
Ion Ratio Lower Upper
278 100
139 22.7 15.9 23.9
279 23.9 19.0 28.4

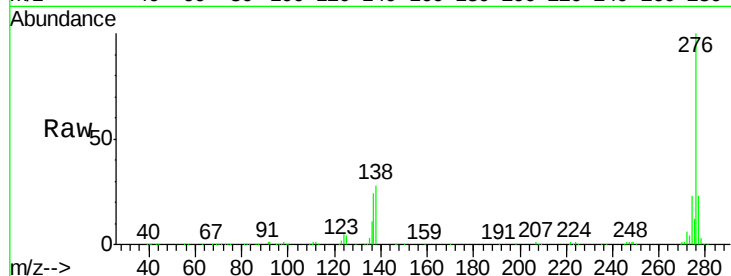




#91
 Benzo(a,h,i)perylene
 Concen: 49.51 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. -0.11 min
 Lab File: BF099072.D
 Acq: 4 Oct 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 439491
 Ion Ratio Lower Upper
 276 100
 277 23.1 17.9 26.9
 138 28.3 21.8 32.8



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

