

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099229.D
 Acq On : 8 Oct 2017 13:45
 Operator : SJ/JU
 Sample : PB102980BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:09:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	107861	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	459466	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	213948	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	387462	20.00	ng	0.00
75) Chrysene-d12	14.03	240	288667	20.00	ng	0.00
86) Perylene-d12	15.51	264	221975	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	593436	87.58	ng	0.01
7) Phenol-d6	6.50	99	720377	86.19	ng	0.00
23) Nitrobenzene-d5	7.43	82	624521	87.17	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	157091	89.73	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1149178	89.67	ng	0.00
78) Terphenyl-d14	12.97	244	1114835	87.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	108736	33.60	ng	96
3) Pyridine	3.45	79	321666	36.74	ng	94
4) n-Nitrosodimethylamine	3.39	42	127304	34.29	ng	# 79
6) Aniline	6.53	93	383543	34.00	ng	99
8) 2-Chlorophenol	6.65	128	318543	41.51	ng	97
9) Benzaldehyde	6.42	77	123115	25.39	ng	96
10) Phenol	6.52	94	399930	42.78	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	290299	39.95	ng	95
12) 1,3-Dichlorobenzene	6.80	146	331899	41.30	ng	98
13) 1,4-Dichlorobenzene	6.88	146	332482	40.67	ng	99
14) 1,2-Dichlorobenzene	7.04	146	311958	41.29	ng	96
15) Benzyl Alcohol	7.01	79	249811	40.74	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	423608	37.41	ng	95
17) 2-Methylphenol	7.12	107	262271	41.77	ng	97
18) Hexachloroethane	7.37	117	116427	39.62	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	194889	36.52	ng	94
20) 3+4-Methylphenols	7.27	107	310819	39.13	ng	# 70
22) Acetophenone	7.27	105	408940	36.74	ng	# 96
24) Nitrobenzene	7.45	77	311105	38.28	ng	95
25) Isophorone	7.69	82	582977	39.36	ng	99
26) 2-Nitrophenol	7.76	139	174972	44.77	ng	94
27) 2,4-Dimethylphenol	7.80	122	284994	38.61	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	371715	40.27	ng	99
29) 2,4-Dichlorophenol	8.00	162	262945	41.49	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	262783	41.46	ng	100
31) Naphthalene	8.17	128	883612	40.95	ng	99
32) Benzoic acid	7.93	122	153314	25.29	ng	99
33) 4-Chloroaniline	8.22	127	267097	29.64	ng	# 94
34) Hexachlorobutadiene	8.28	225	129928	39.80	ng	99
35) Caprolactam	8.59	113	57305	28.19	ng	88
36) 4-Chloro-3-methylphenol	8.70	107	282155	39.61	ng	95
37) 2-Methylnaphthalene	8.86	142	617389	44.01	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	244609	38.34	ng	99
40) Hexachlorocyclopentadiene	9.01	237	167517	57.45	ng	99

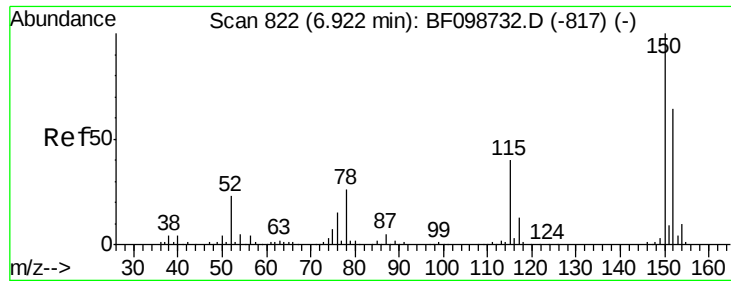
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
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 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	172117	38.08	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	184263	40.84	nq	93
45) 1,1'-Biphenyl	9.33	154	715485	38.91	nq	98
46) 2-Chloronaphthalene	9.35	162	561688	40.69	nq	99
47) 2-Nitroaniline	9.45	65	167979	39.74	nq	90
48) Acenaphthylene	9.77	152	864680	40.91	nq	100
49) Dimethylphthalate	9.63	163	663426	41.09	nq	100
50) 2,6-Dinitrotoluene	9.69	165	151421	43.07	nq	# 85
51) Acenaphthene	9.94	154	501375	37.45	nq	99
52) 3-Nitroaniline	9.86	138	135140	32.97	nq	89
53) 2,4-Dinitrophenol	9.97	184	99908	56.44	nq	# 87
54) Dibenzofuran	10.11	168	767486	43.06	nq	99
55) 4-Nitrophenol	10.03	139	235812	68.04	nq	89
56) 2,4-Dinitrotoluene	10.10	165	200345	43.91	nq	89
57) Fluorene	10.46	166	603105	42.10	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	138040	44.29	nq	96
59) Diethylphthalate	10.32	149	637570	40.41	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	267794	41.61	nq	92
61) 4-Nitroaniline	10.48	138	176094	44.53	nq	89
62) Azobenzene	10.60	77	599778	41.34	nq	94
64) 4,6-Dinitro-2-methylphenol	10.51	198	81938	34.76	nq	# 75
65) n-Nitrosodiphenylamine	10.56	169	539549	40.20	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	157339	41.49	nq	94
67) Hexachlorobenzene	11.00	284	160198	39.55	nq	94
68) Atrazine	11.09	200	172662	42.75	nq	99
69) Pentachlorophenol	11.20	266	148707	58.99	nq	98
70) Phenanthrene	11.42	178	868920	41.90	nq	99
71) Anthracene	11.47	178	900507	42.44	nq	99
72) Carbazole	11.63	167	853910	41.09	nq	99
73) Di-n-butylphthalate	11.94	149	1009708	40.37	nq	98
74) Fluoranthene	12.61	202	898970	42.81	nq	97
76) Benzidine	12.73	184	472492	44.25	nq	98
77) Pyrene	12.84	202	918381	41.72	nq	100
79) Butylbenzylphthalate	13.44	149	429124	41.48	nq	93
80) Benzo(a)anthracene	14.02	228	747609	42.77	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	196886	30.73	nq	100
82) Chrysene	14.06	228	698186	41.96	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	580410	40.75	nq	99
84) Di-n-octyl phthalate	14.61	149	895282	39.03	nq	95
85) Indeno(1,2,3-cd)pyrene	17.00	276	492632	37.01	nq	96
87) Benzo(b)fluoranthene	15.11	252	559009	40.96	nq	99
88) Benzo(k)fluoranthene	15.11	252	559009	41.47	nq	98
89) Benzo(a)pyrene	15.44	252	543748	43.40	nq	# 96
90) Dibenzo(a,h)anthracene	17.01	278	405155	40.41	nq	96
91) Benzo(g,h,i)perylene	17.45	276	420199	42.40	nq	94

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

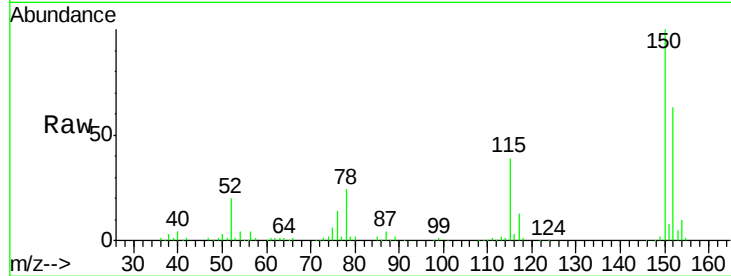


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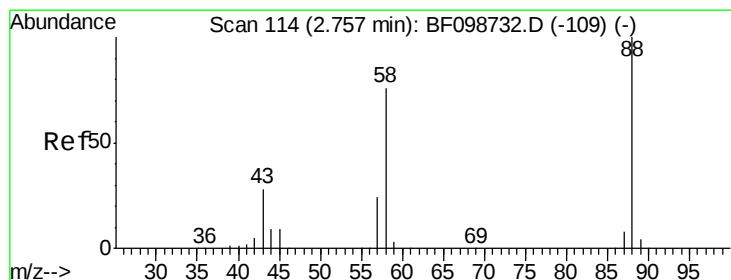
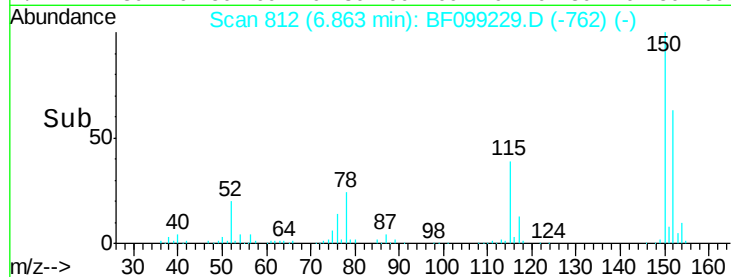
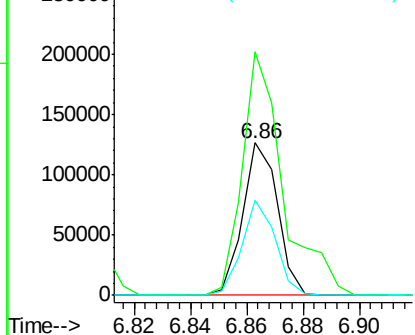
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 107861
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 62.5 50.1 75.1



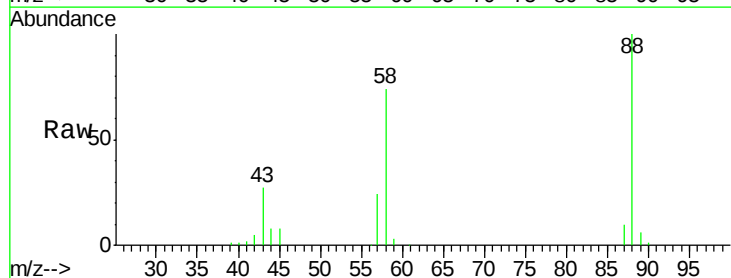
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



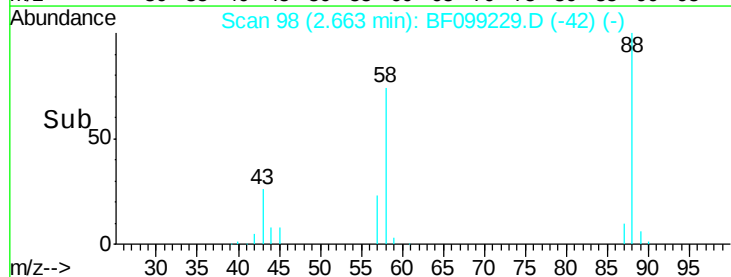
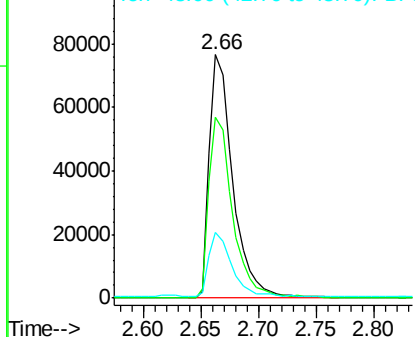
#2

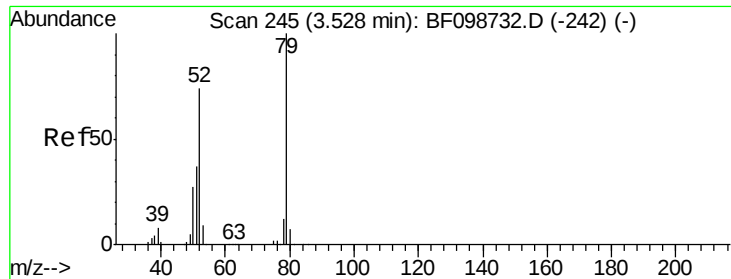
1,4-Dioxane
Concen: 33.60 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.03 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion: 88 Resp: 108736
Ion Ratio Lower Upper
88 100
58 75.6 62.6 93.8
43 26.3 24.6 37.0



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





#3

Pvridine

Concen: 36.74 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.04 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

ClientSampleId :

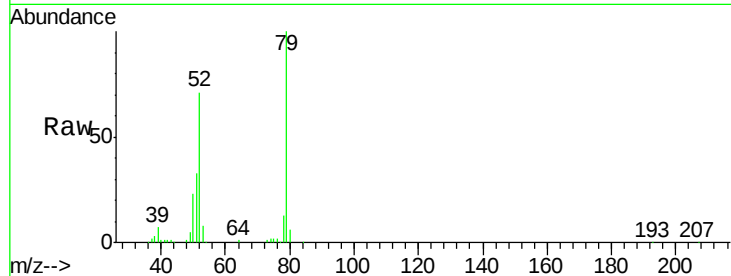
Tot Ion: 79 Resp: 321666

Ion Ratio Lower Upper

79 100

52 70.6 59.8 89.6

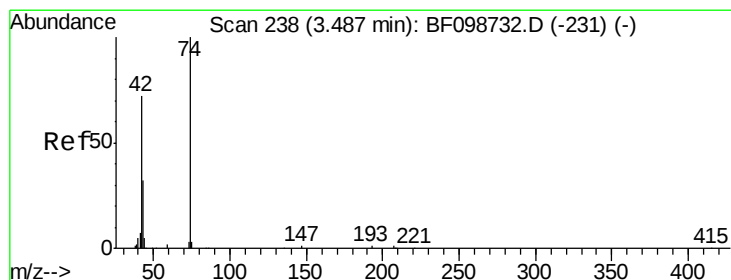
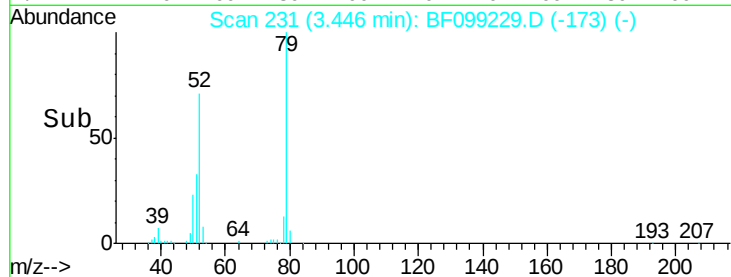
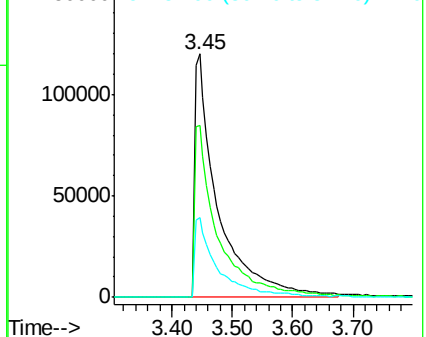
51 33.0 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.29 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.02 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

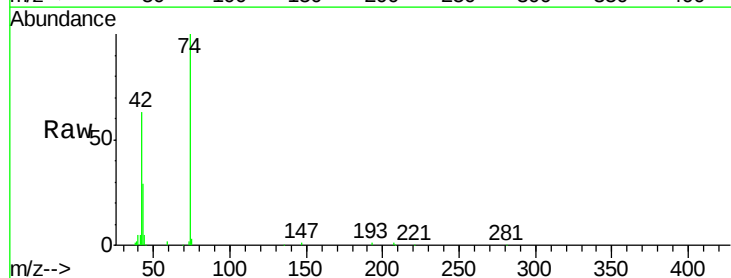
Tgt Ion: 42 Resp: 127304

Ion Ratio Lower Upper

42 100

74 157.6 104.9 157.3#

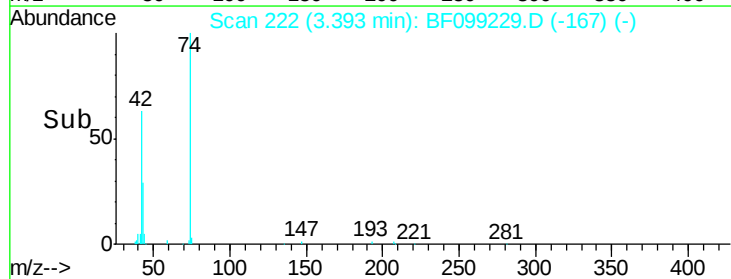
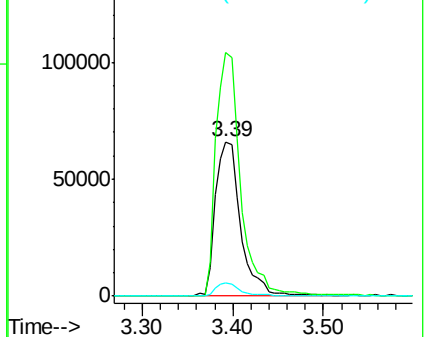
44 8.4 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 87.58 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF099229.D

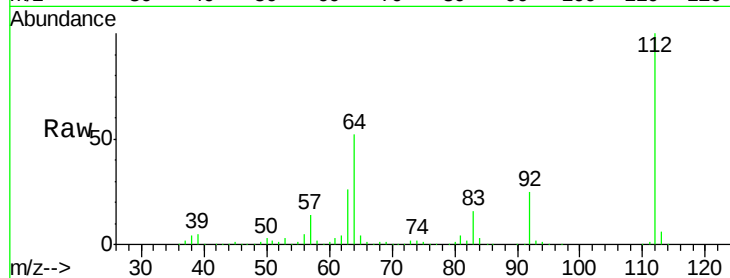
Acq: 8 Oct 2017 13:45

Instrument :

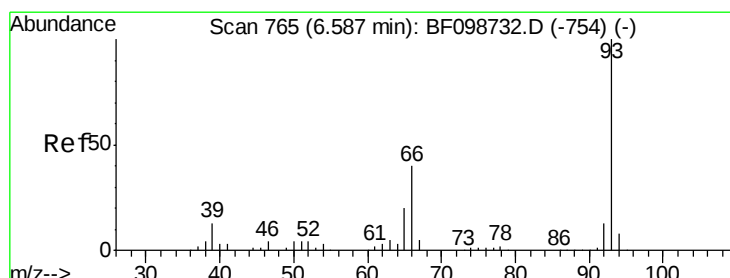
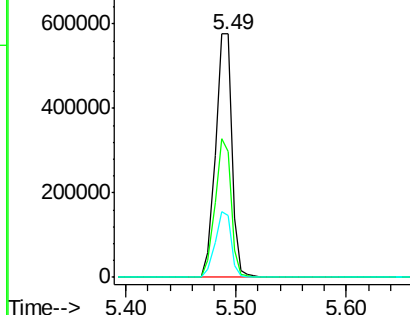
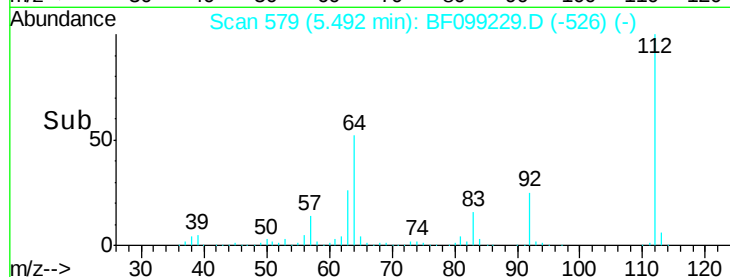
BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	593436
Ion	Ratio	Lower	Upper
112	100		
64	52.0	47.9	71.9
63	25.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF099229.D (-526) (-)



#6

Aniline

Concen: 34.00 ng

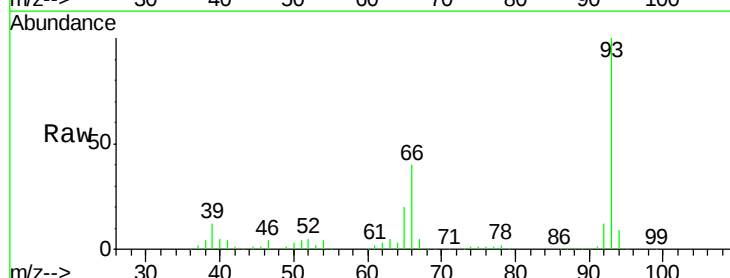
RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

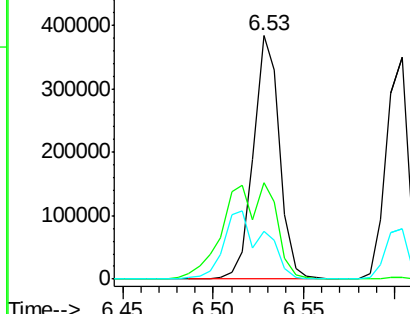
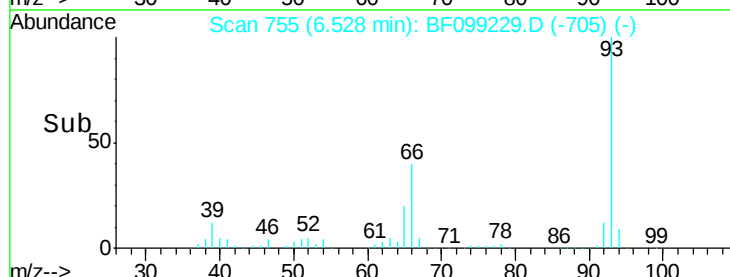
Lab File: BF099229.D

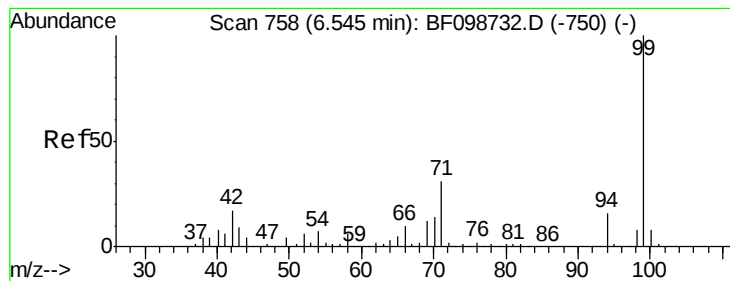
Acq: 8 Oct 2017 13:45

Tgt Ion:	93	Resp:	383543
Ion	Ratio	Lower	Upper
93	100		
66	39.5	32.2	48.2
65	19.7	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF099229.D (-705) (-)





#7

Phenol-d6

Concen: 86.19 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

ClientSampleId :

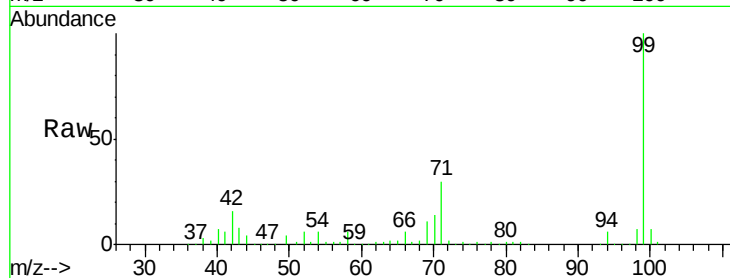
Tot Ion: 99 Resp: 720377

Ion Ratio Lower Upper

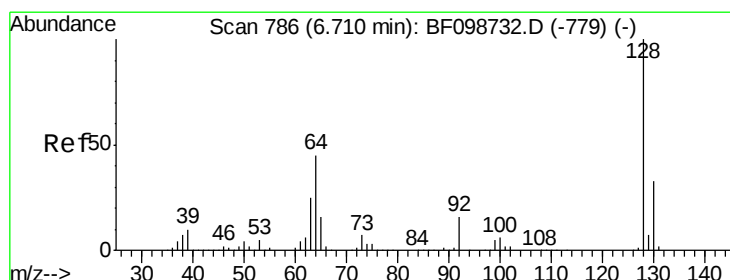
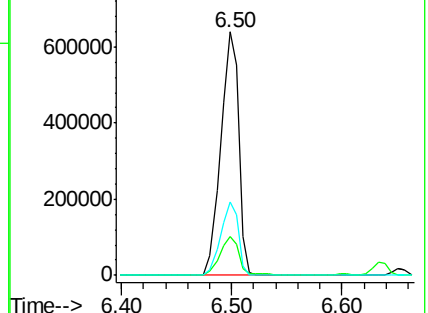
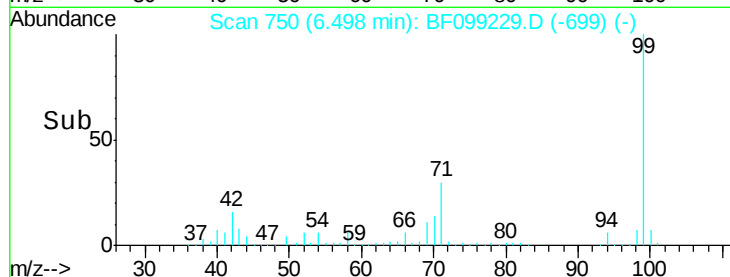
99 100

42 15.9 14.5 21.7

71 30.4 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: 41.51 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

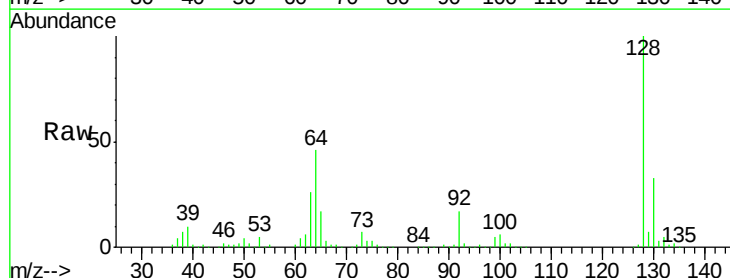
Tgt Ion: 128 Resp: 318543

Ion Ratio Lower Upper

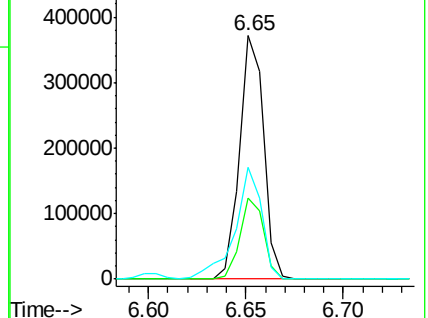
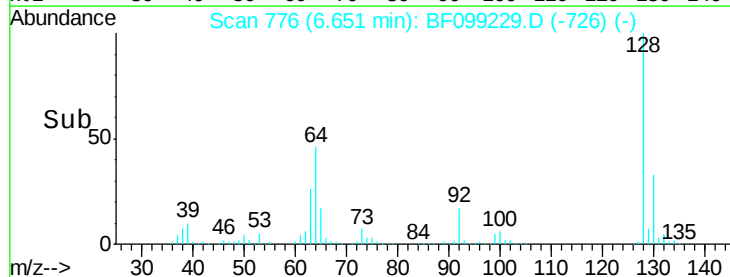
128 100

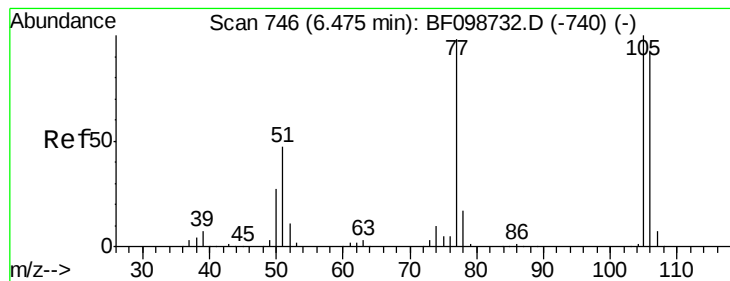
130 33.3 13.0 53.0

64 46.1 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.39 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

ClientSampleId :

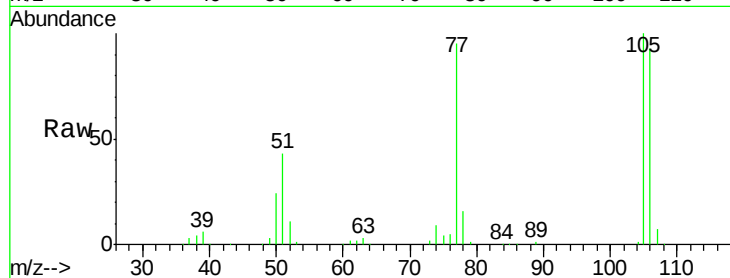
Tot Ion: 77 Resp: 123115

Ion Ratio Lower Upper

77 100

105 104.7 81.1 121.1

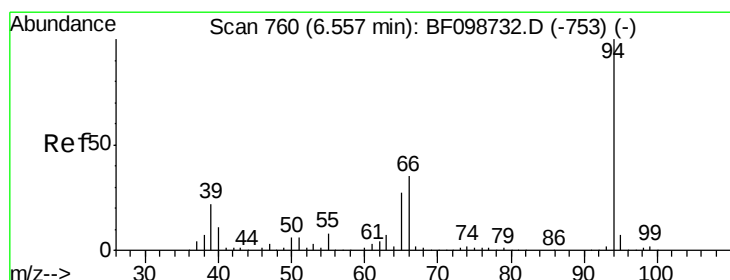
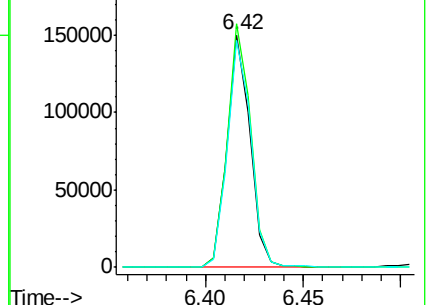
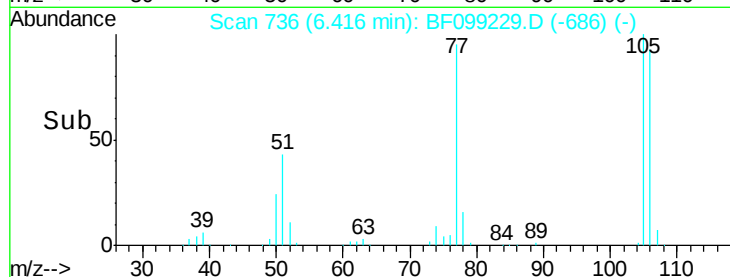
106 97.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.78 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

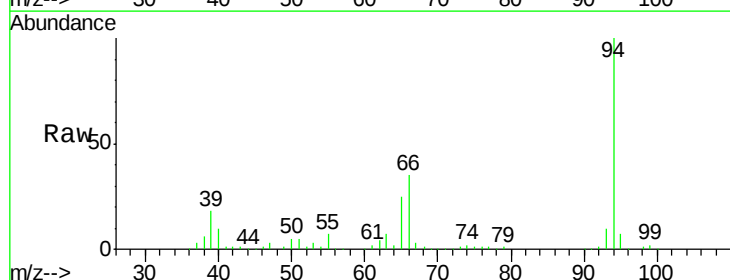
Tgt Ion: 94 Resp: 399930

Ion Ratio Lower Upper

94 100

65 25.3 7.9 47.9

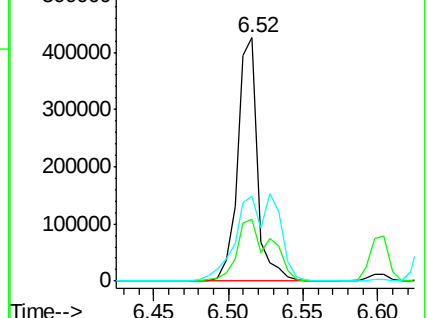
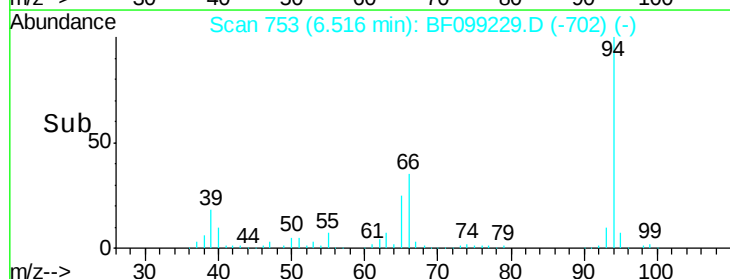
66 34.9 16.2 56.2

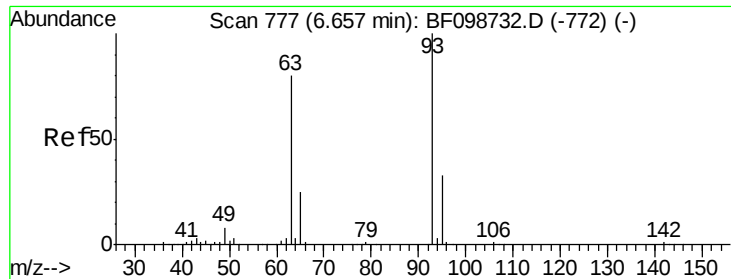


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

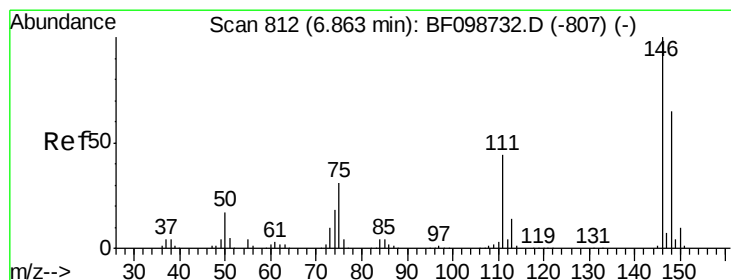
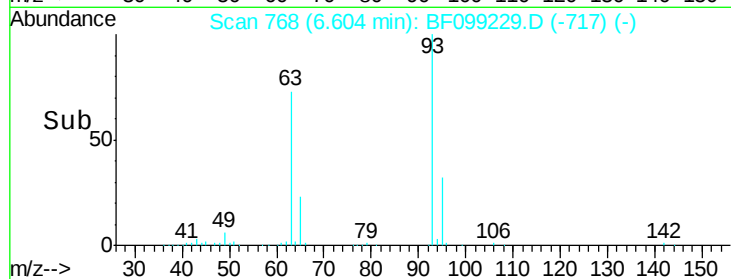
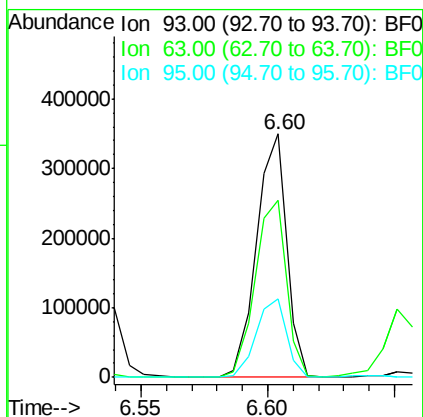
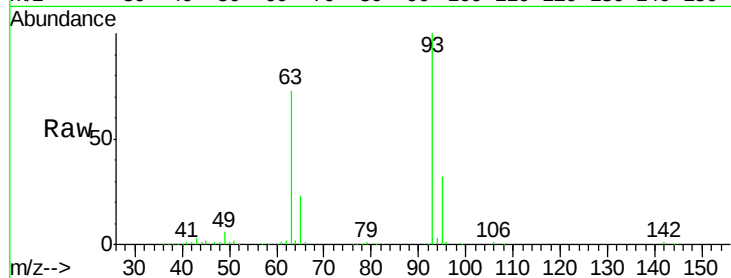




#11
bis(2-Chloroethyl)ether
Concen: 39.95 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

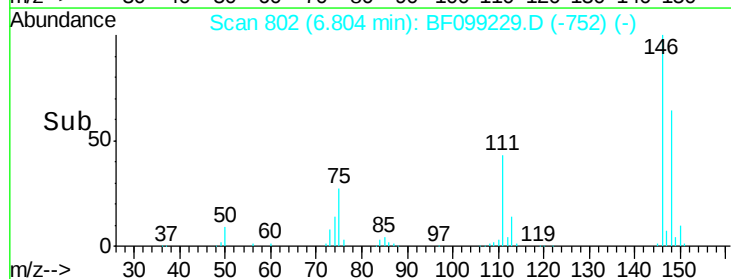
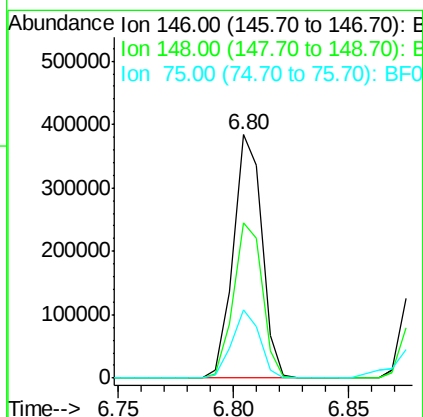
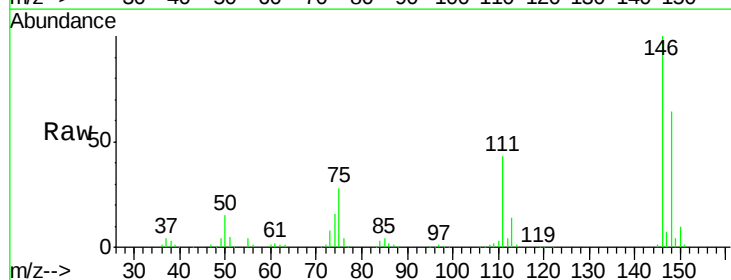
Instrument :
BNA_F
ClientSampleId :

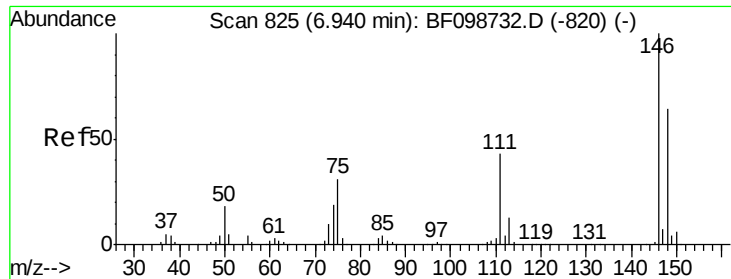
Tot Ion: 93 Resp: 290299
Ion Ratio Lower Upper
93 100
63 72.8 58.6 98.6
95 32.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 41.30 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion: 146 Resp: 331899
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
75 28.2 24.2 36.4

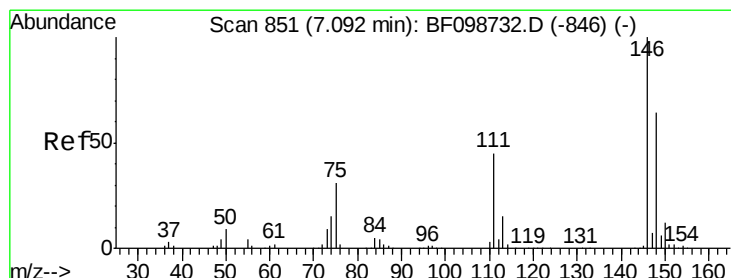
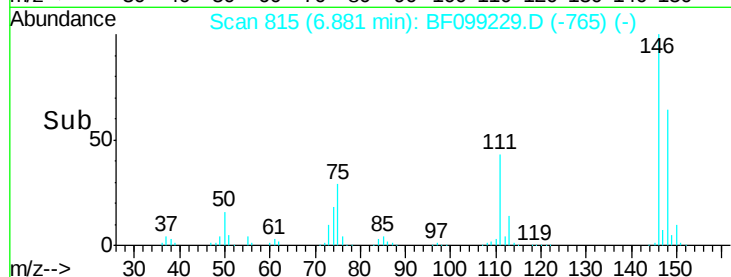
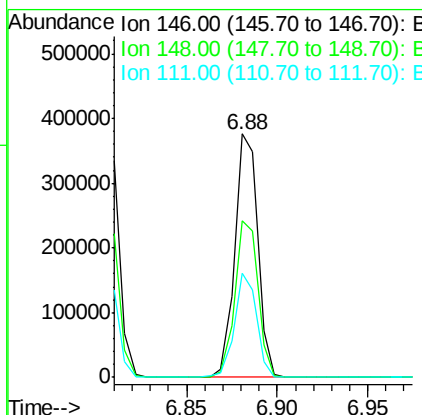
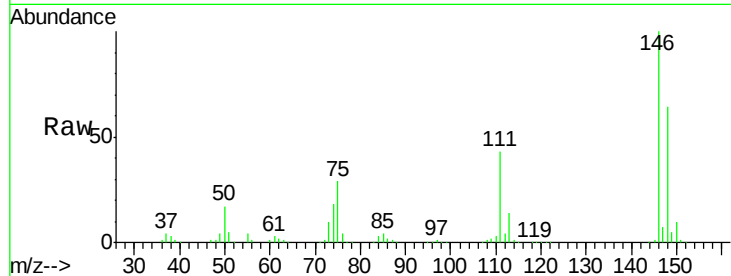




#13
 1,4-Dichlorobenzene
 Concen: 40.67 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

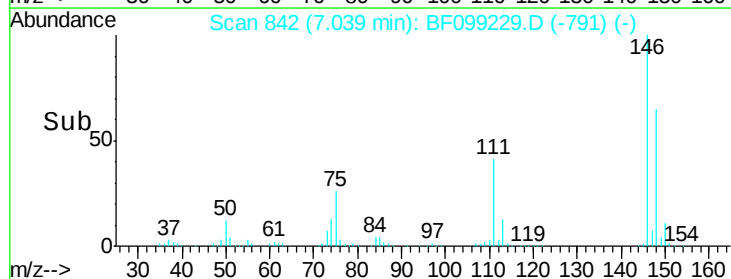
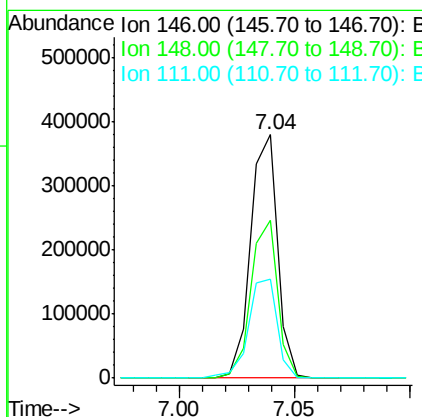
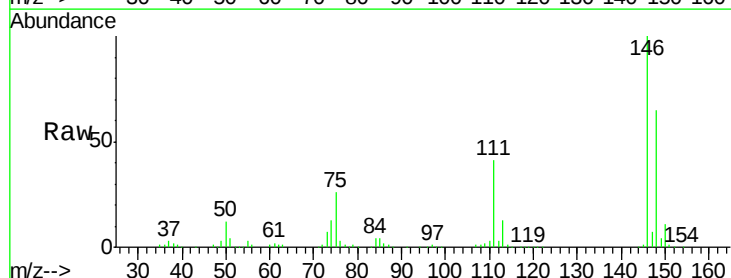
Instrument :
 BNA_F
 ClientSampleId :

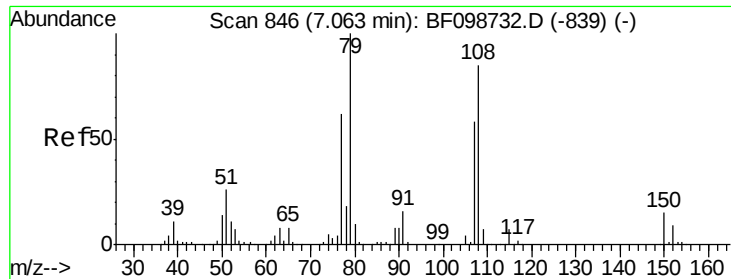
Tot Ion:146 Resp: 332482
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 42.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.29 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Tgt Ion:146 Resp: 311958
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.6 75.8
 111 40.8 36.0 54.0

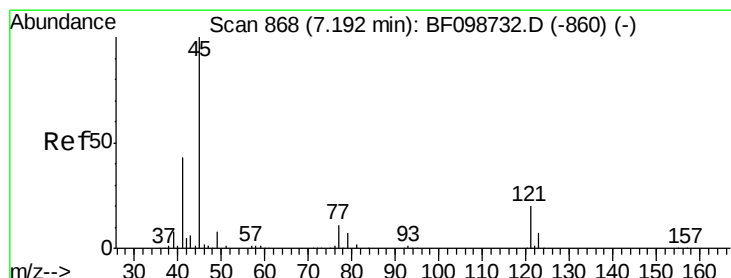
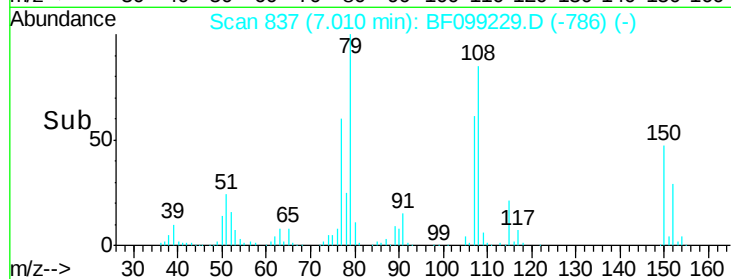
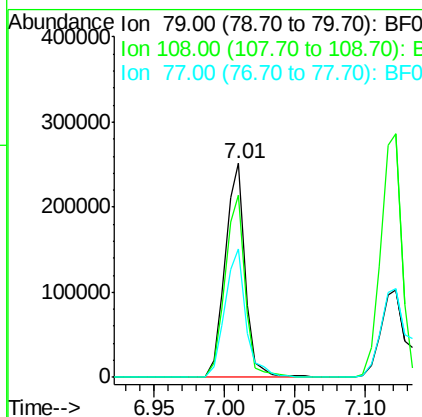
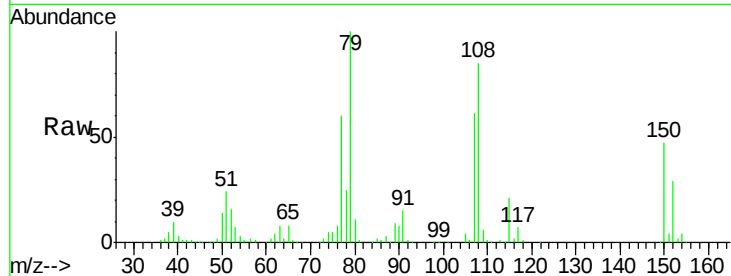




#15
Benzyl Alcohol
Concen: 40.74 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

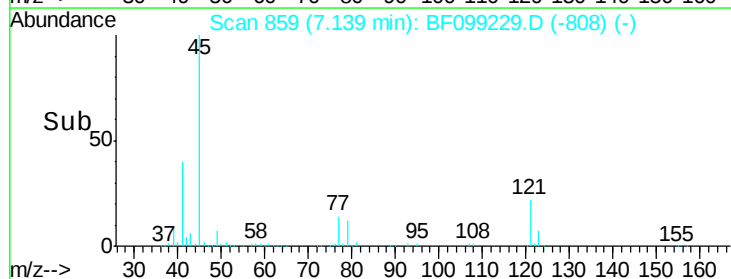
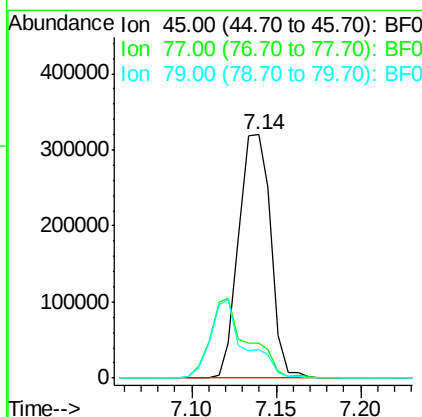
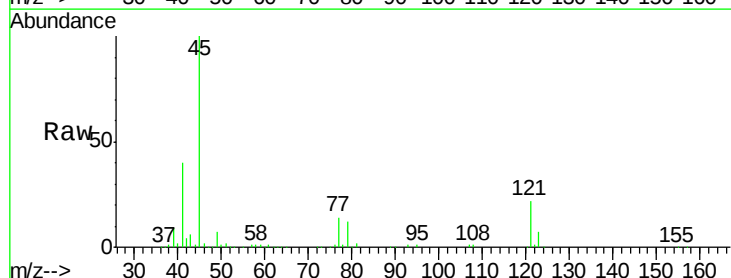
Instrument :
BNA_F
ClientSampled :

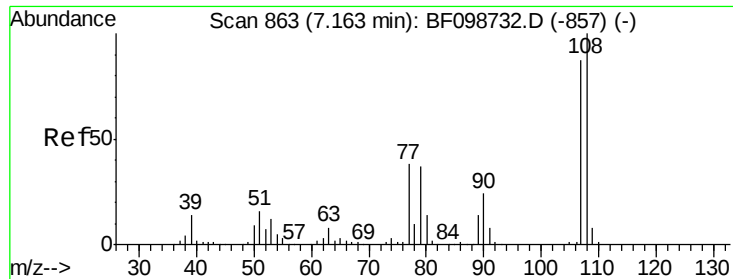
Tot Ion: 79 Resp: 249811
Ion Ratio Lower Upper
79 100
108 85.0 65.1 97.7
77 59.8 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.41 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion: 45 Resp: 423608
Ion Ratio Lower Upper
45 100
77 14.5 0.0 32.9
79 11.5 0.0 29.6

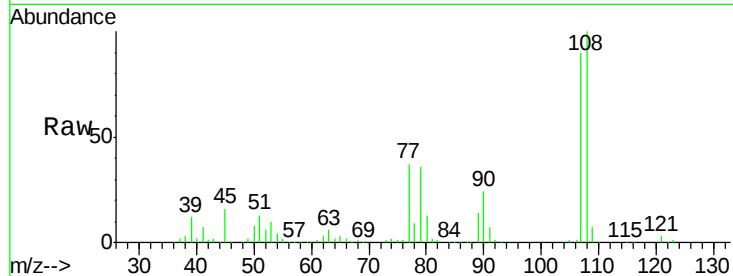




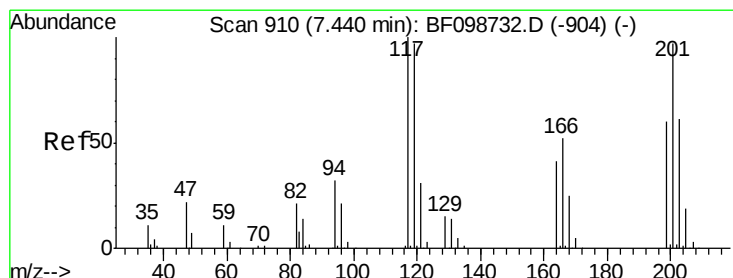
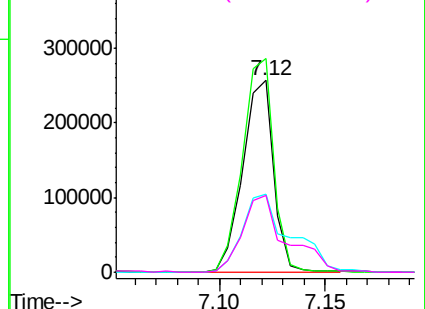
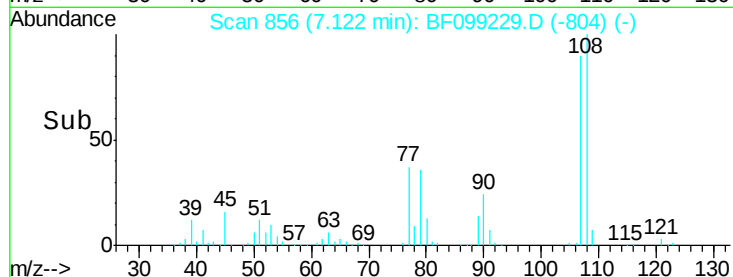
#17
2-Methylphenol
Concen: 41.77 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 262271
Ion Ratio Lower Upper
107 100
108 111.3 91.7 137.5
77 40.8 33.8 50.8
79 39.9 33.8 50.8

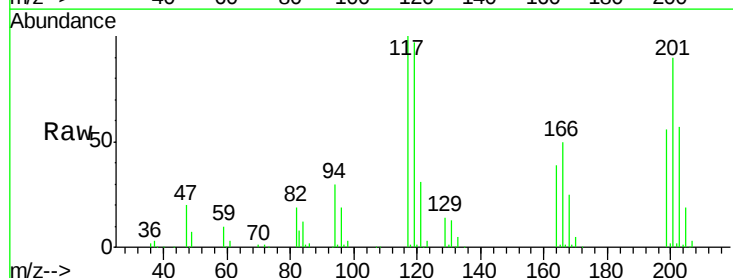


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

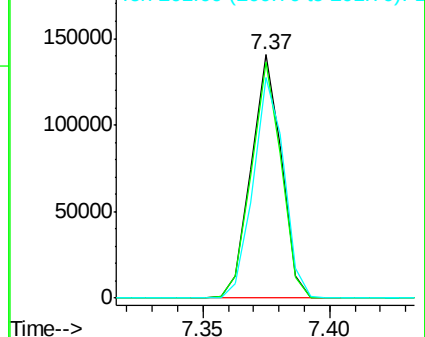
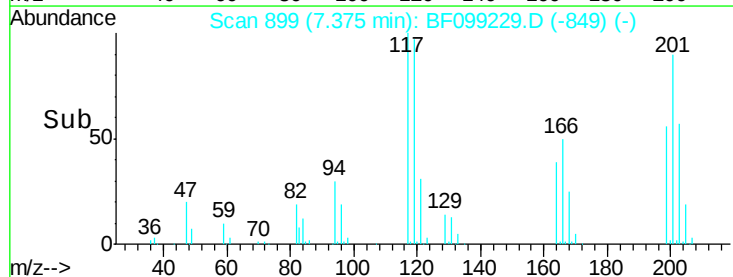


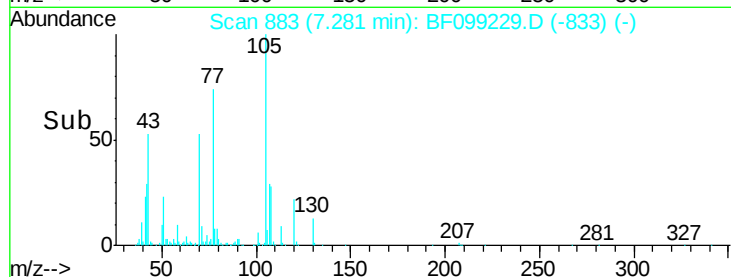
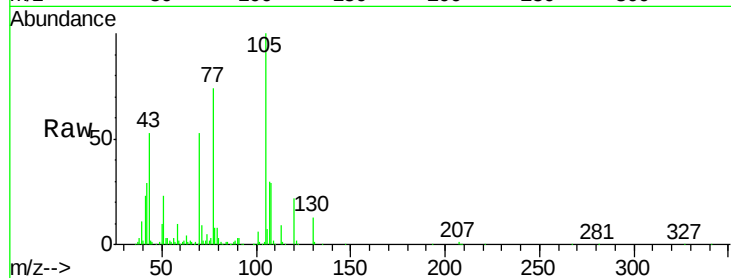
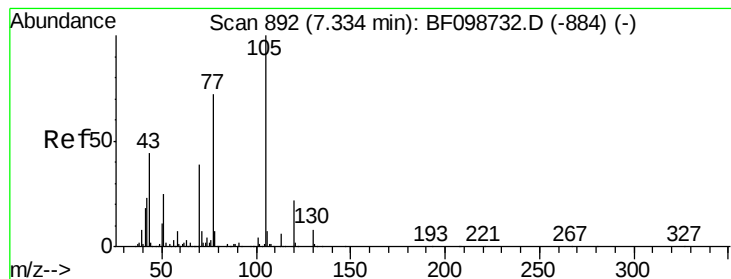
#18
Hexachloroethane
Concen: 39.62 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion:117 Resp: 116427
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.8
201 90.4 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.52 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 194889

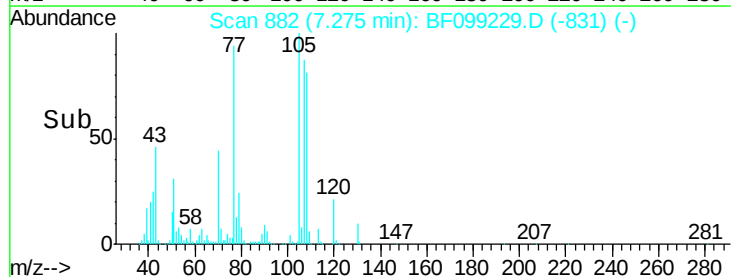
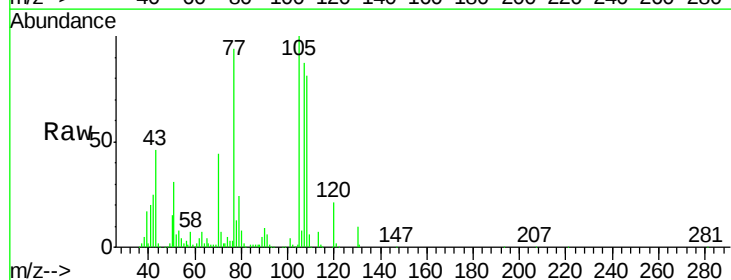
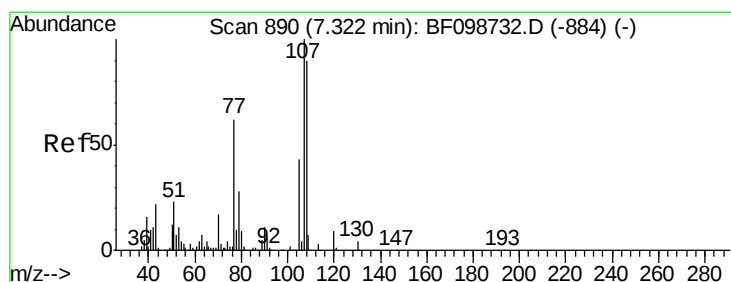
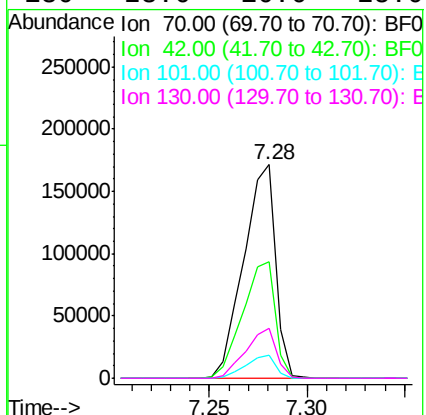
Ion Ratio Lower Upper

70 100

42 54.6 47.5 71.3

101 11.0 7.4 11.2

130 23.6 16.6 25.0



#20

3+4-Methylphenols

Concen: 39.13 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Tgt Ion:107 Resp: 310819

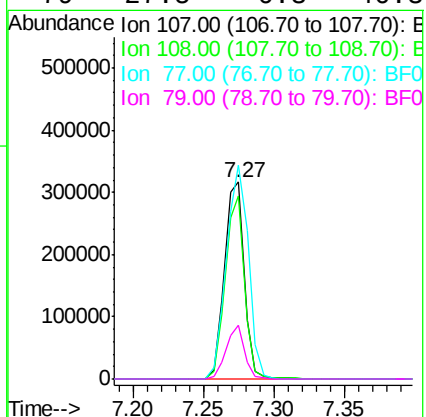
Ion Ratio Lower Upper

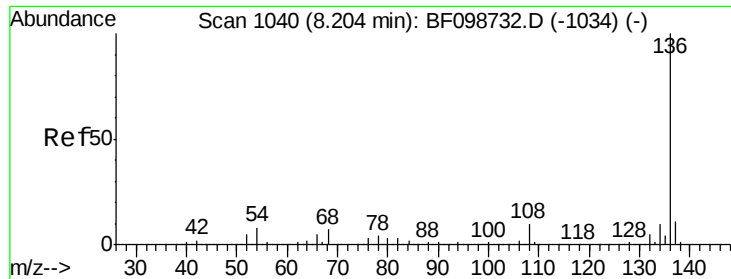
107 100

108 92.8 68.2 108.2

77 108.5 26.7 66.7#

79 27.5 6.3 46.3

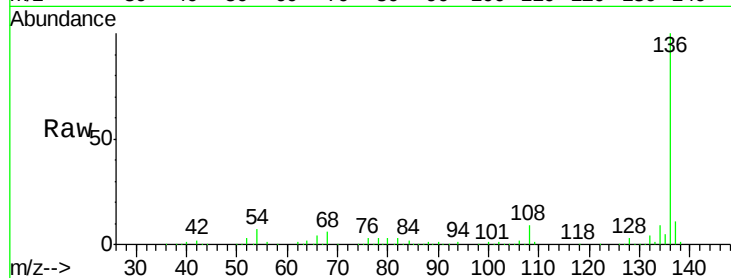




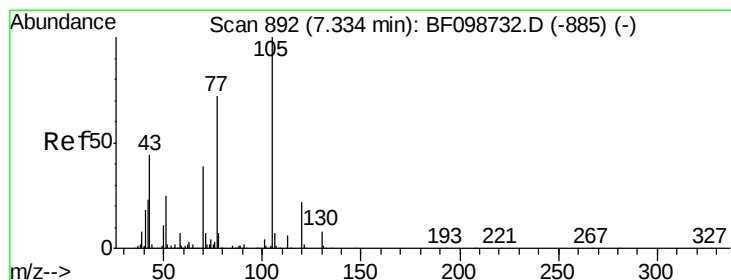
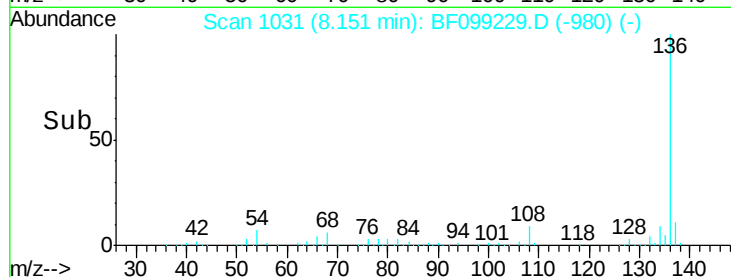
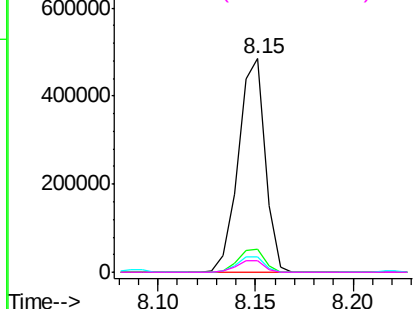
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	459466
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	7.0	6.6 9.8
68	5.6	5.0 7.4

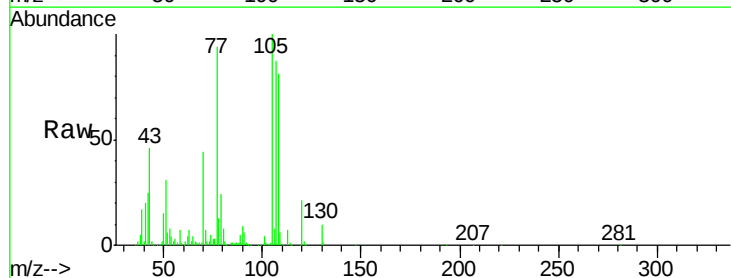


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

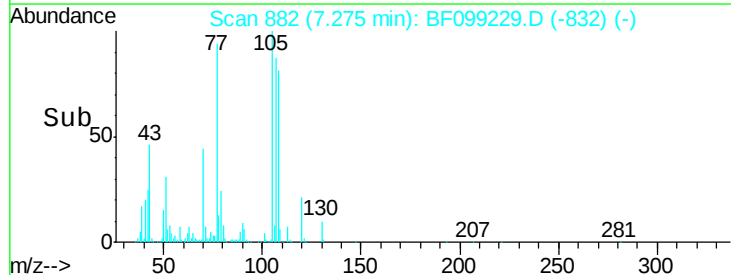
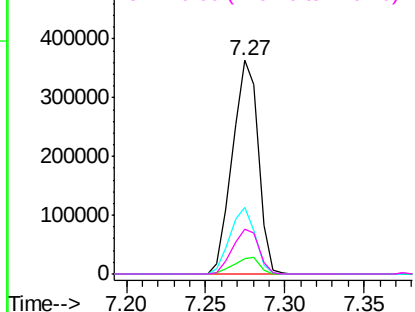


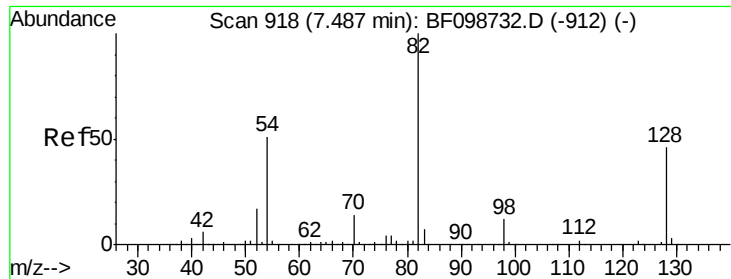
#22
Acetophenone
Concen: 36.74 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion:105	Resp:	408940
Ion Ratio	Lower	Upper
105	100	
71	7.5	4.4 6.6#
51	31.5	22.3 33.5
120	20.8	16.9 25.3



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

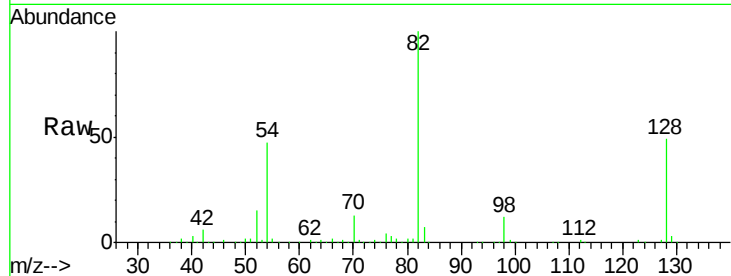




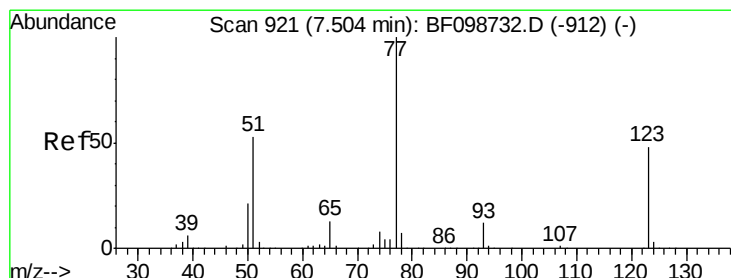
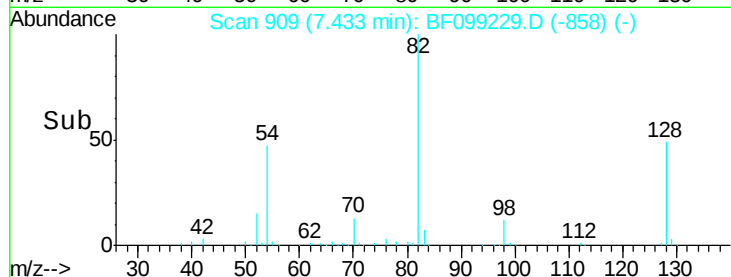
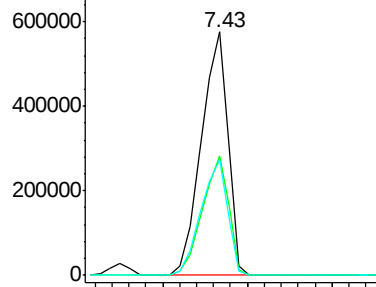
#23
Nitrobenzene-d5
Concen: 87.17 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 624521
Ion Ratio Lower Upper
82 100
128 48.9 36.1 54.1
54 47.4 41.4 62.2

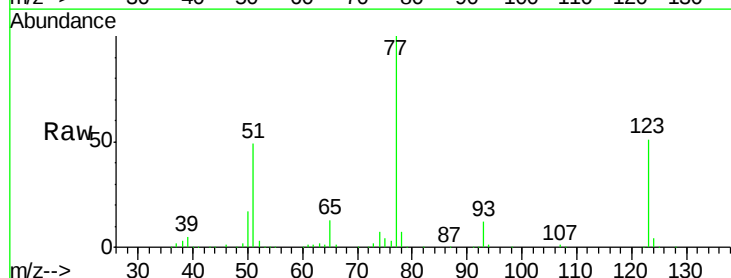


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

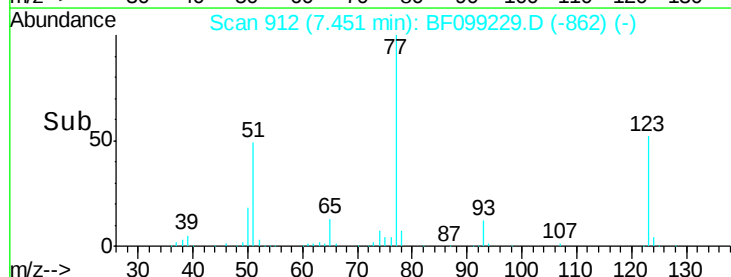
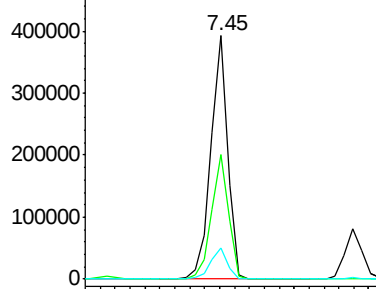


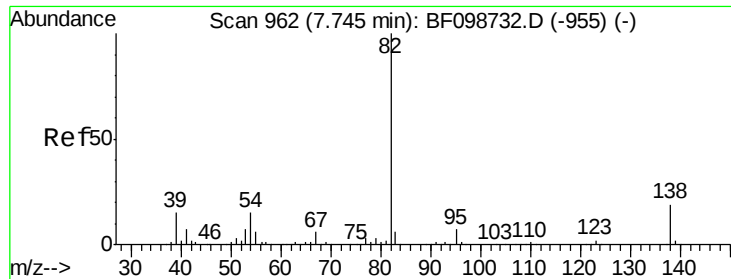
#24
Nitrobenzene
Concen: 38.28 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion: 77 Resp: 311105
Ion Ratio Lower Upper
77 100
123 51.4 37.9 56.9
65 13.0 11.0 16.4



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





#25

Isophorone

Concen: 39.36 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

ClientSampleId :

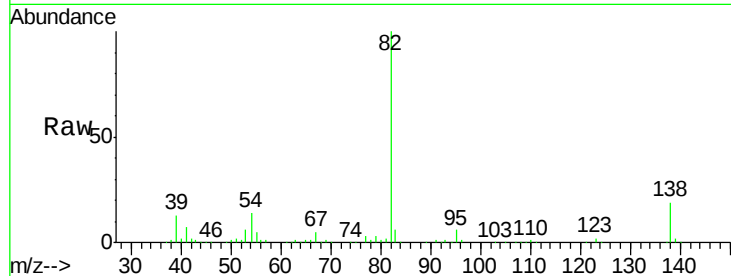
Tot Ion: 82 Resp: 582977

Ion Ratio Lower Upper

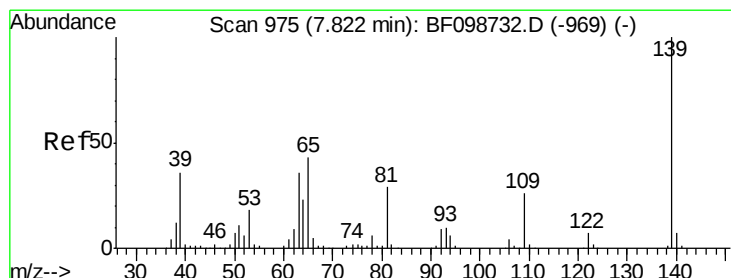
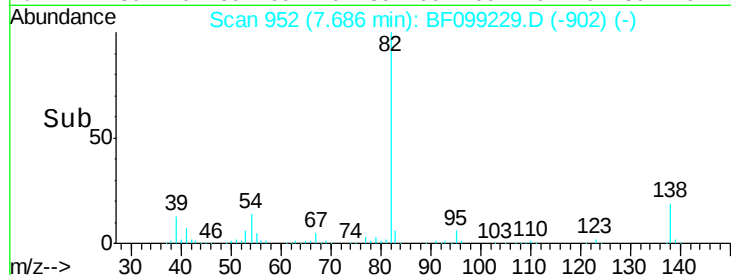
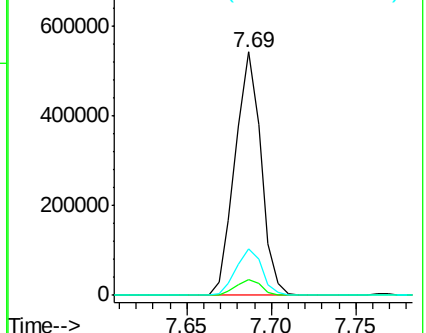
82 100

95 6.3 5.2 7.8

138 19.3 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: 44.77 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

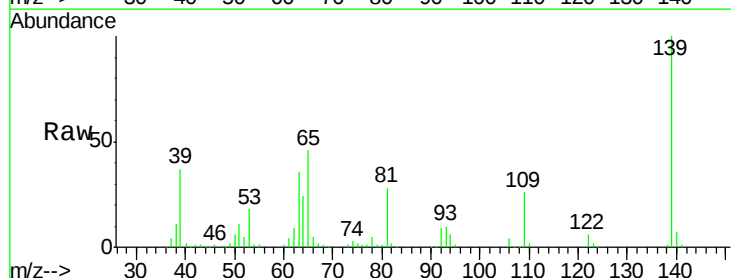
Tgt Ion: 139 Resp: 174972

Ion Ratio Lower Upper

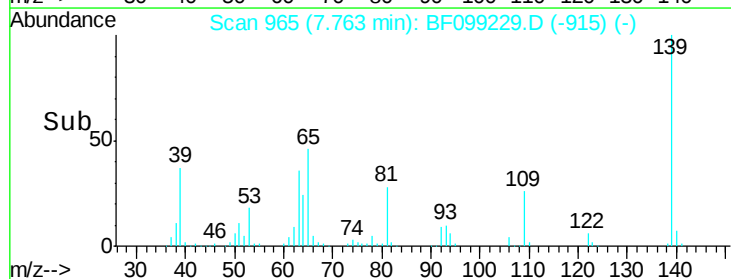
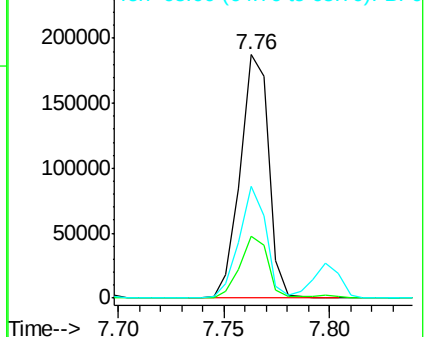
139 100

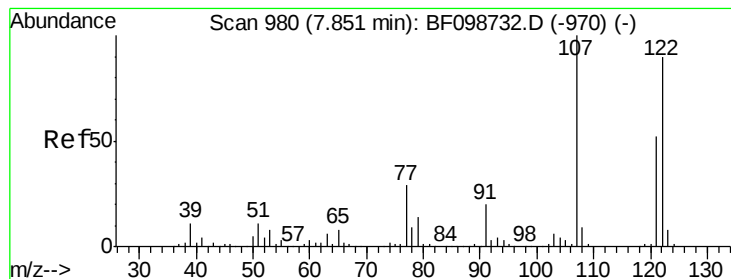
109 25.6 22.7 34.1

65 45.8 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 38.61 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

ClientSampleId :

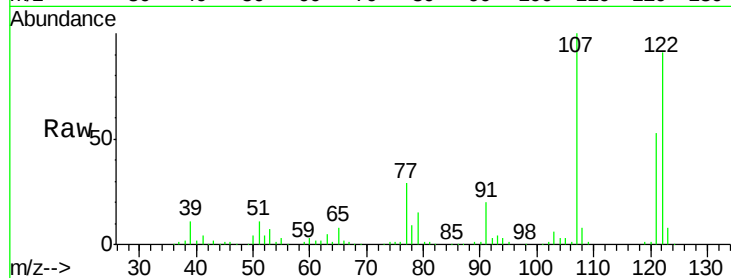
Tot Ion:122 Resp: 284994

Ion Ratio Lower Upper

122 100

107 110.0 91.2 136.8

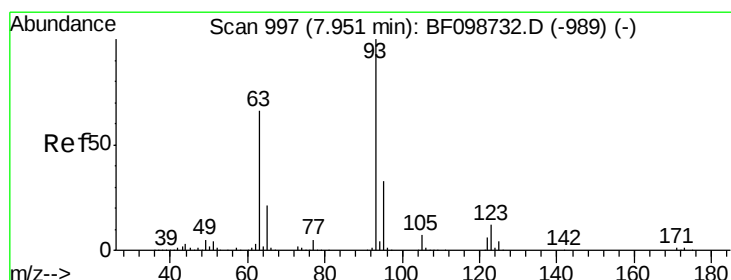
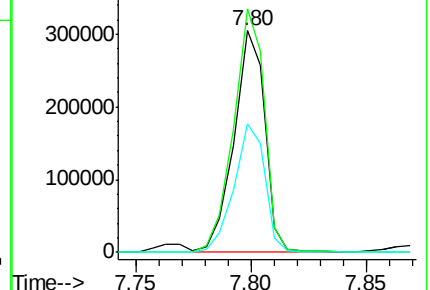
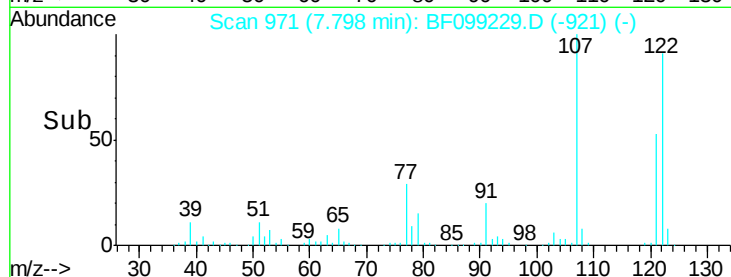
121 58.0 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.27 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

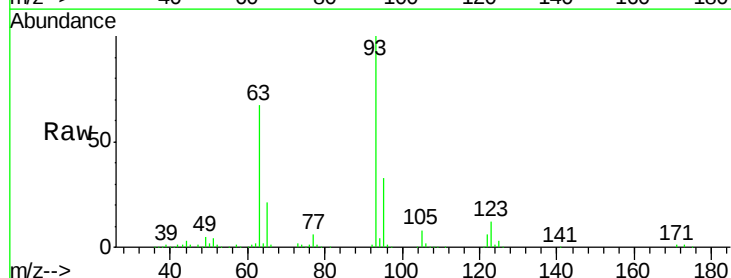
Tgt Ion: 93 Resp: 371715

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

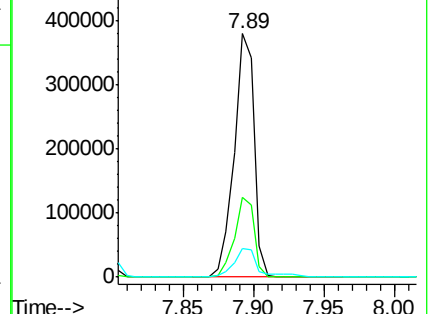
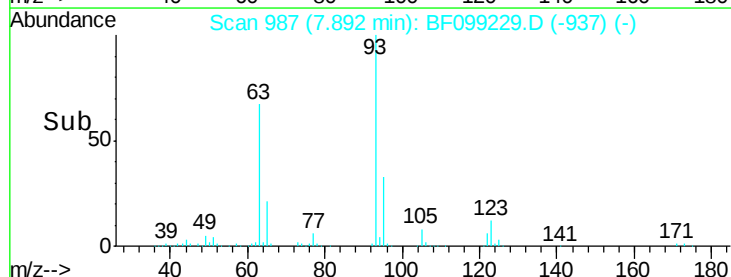
123 11.6 9.8 14.6

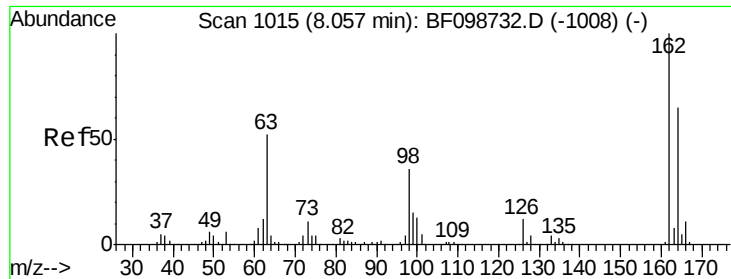


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

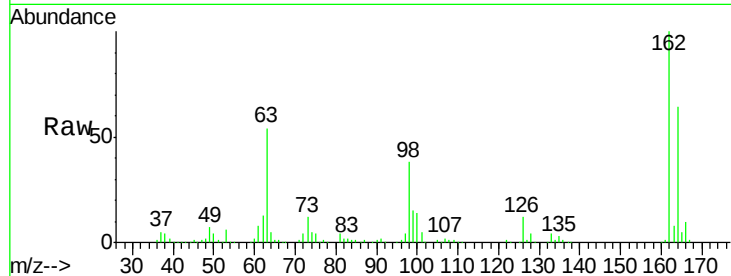




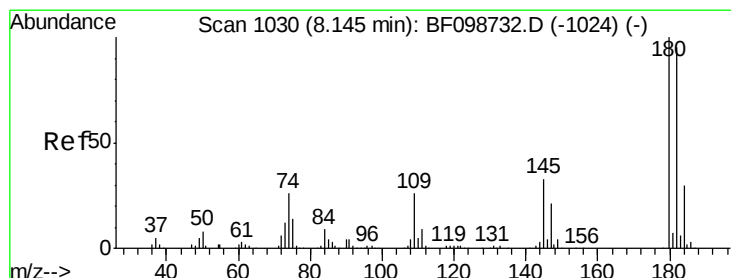
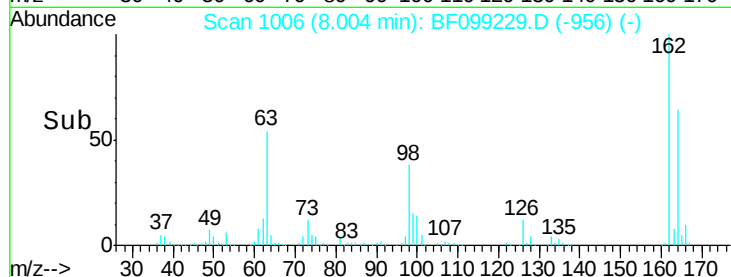
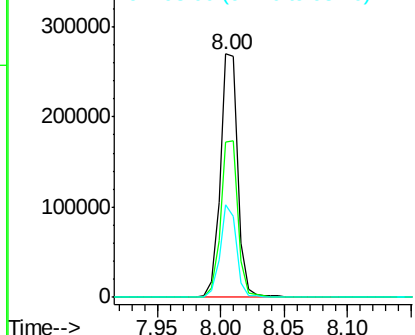
#29
 2,4-Dichlorophenol
 Concen: 41.49 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 262945
 Ion Ratio Lower Upper
 162 100
 164 63.7 42.7 82.7
 98 38.1 18.1 58.1

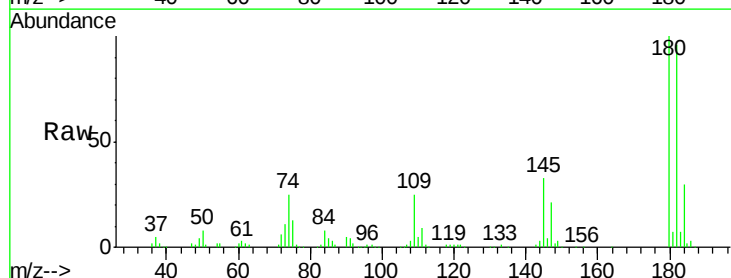


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

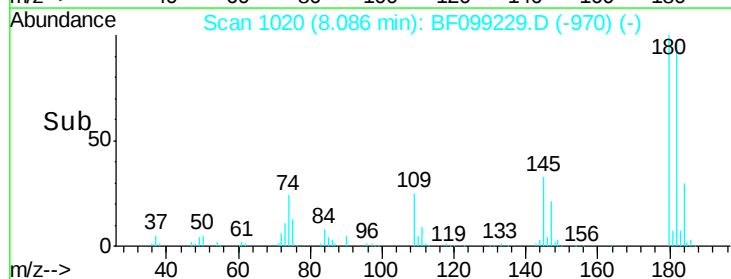
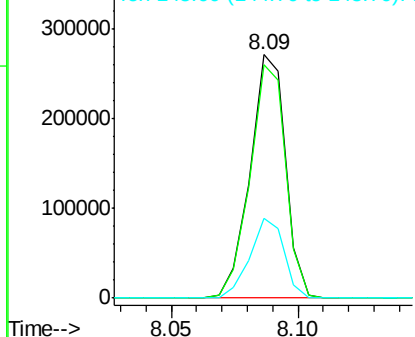


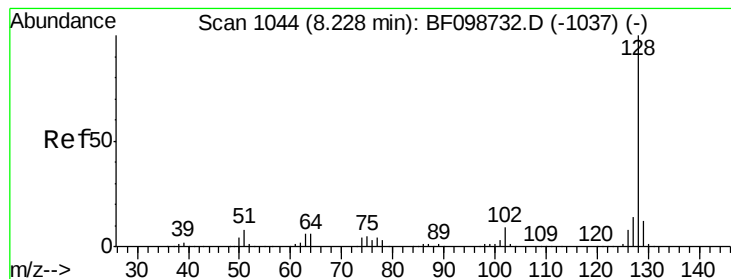
#30
 1,2,4-Trichlorobenzene
 Concen: 41.46 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Tgt Ion:180 Resp: 262783
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.8 115.2
 145 32.8 26.5 39.7



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





#31

Naphthalene

Concen: 40.95 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

ClientSampleId :

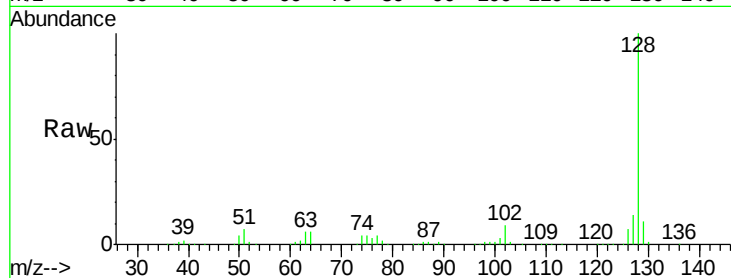
Tot Ion:128 Resp: 883612

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

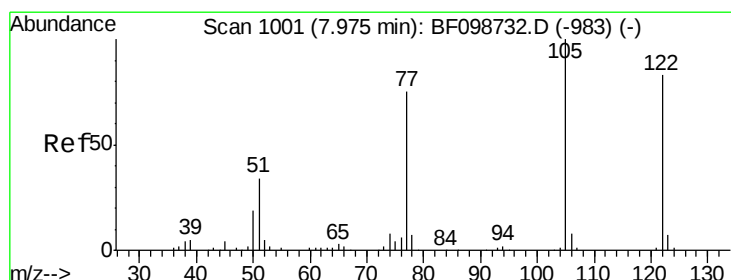
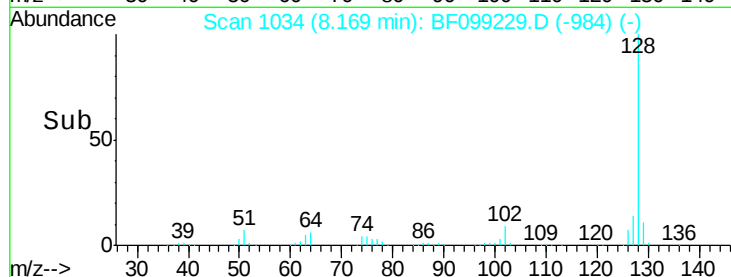
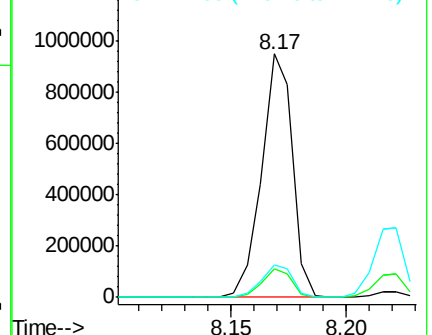
127 13.5 10.9 16.3



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: 25.29 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

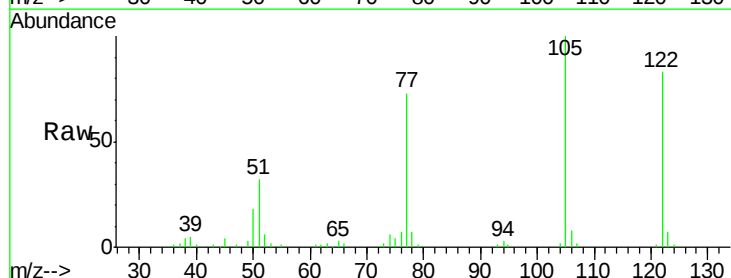
Tgt Ion:122 Resp: 153314

Ion Ratio Lower Upper

122 100

105 120.5 101.1 141.1

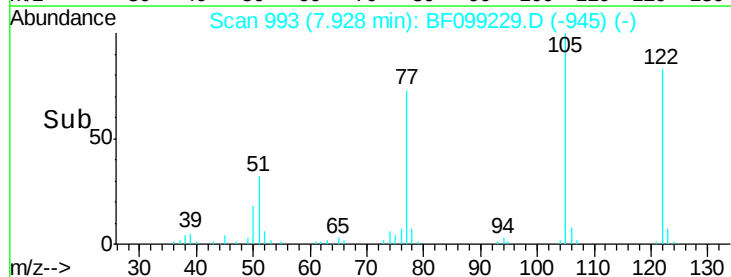
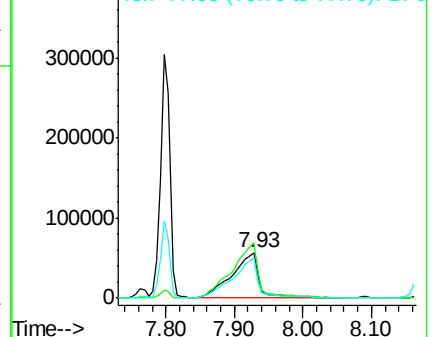
77 88.1 70.7 110.7



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

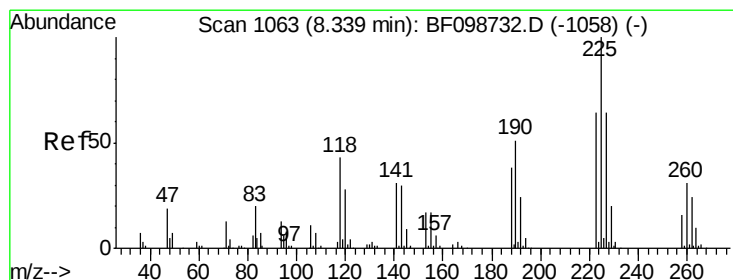
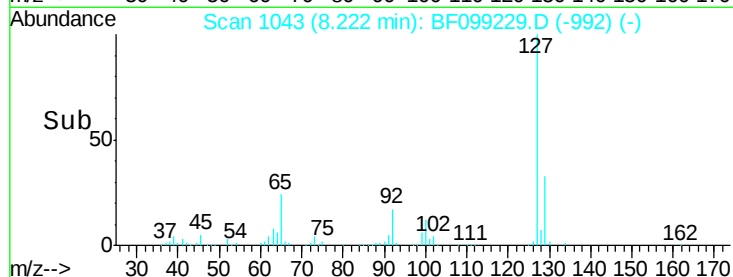
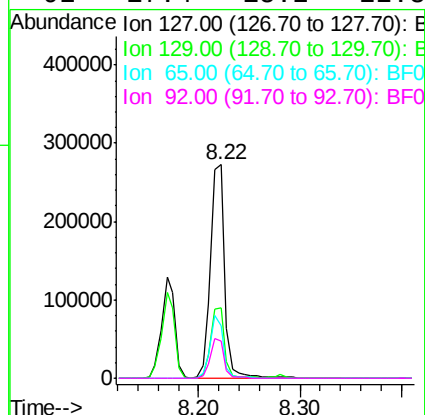
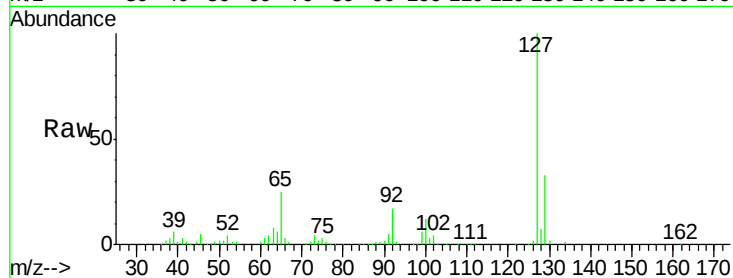




#33
4-Chloroaniline
Concen: 29.64 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

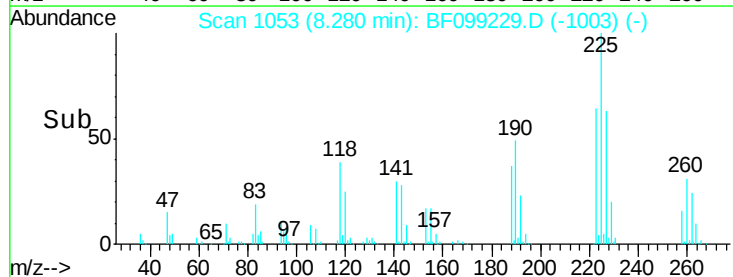
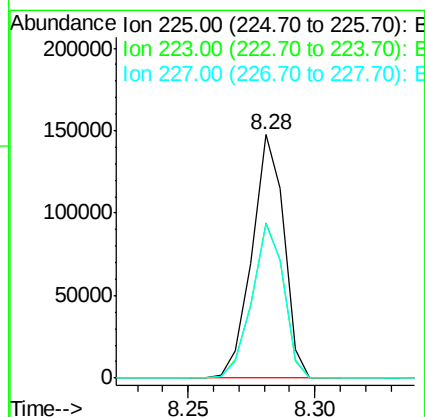
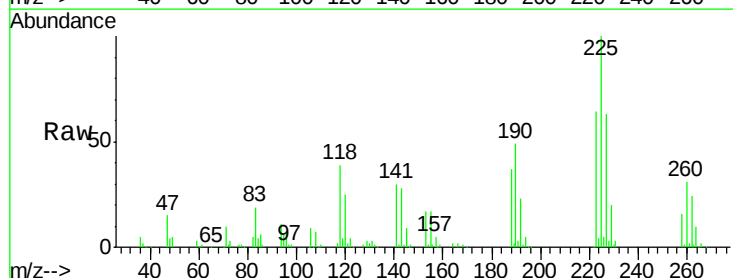
Instrument :
BNA_F
ClientSampleId :

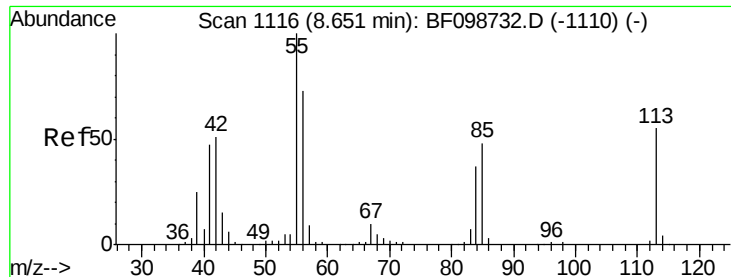
Tot Ion:	127	Resp:	267097
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	24.7	25.0	37.4
92	17.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.80 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion:	225	Resp:	129928
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	63.3	51.9	77.9

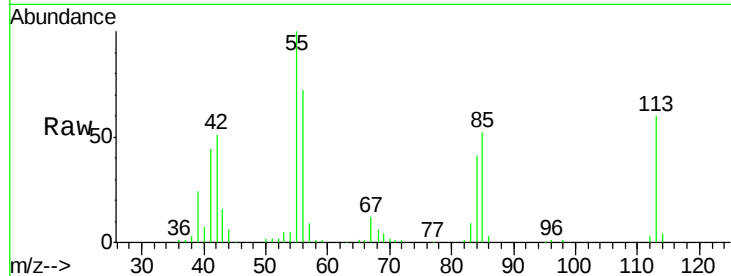




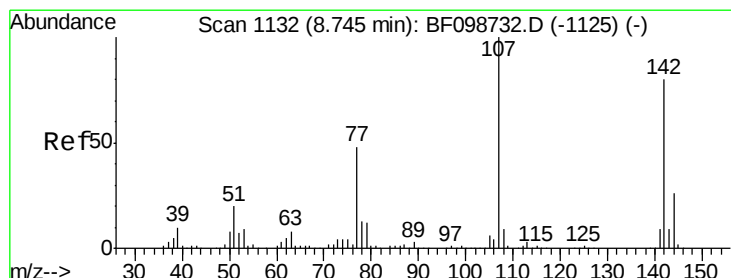
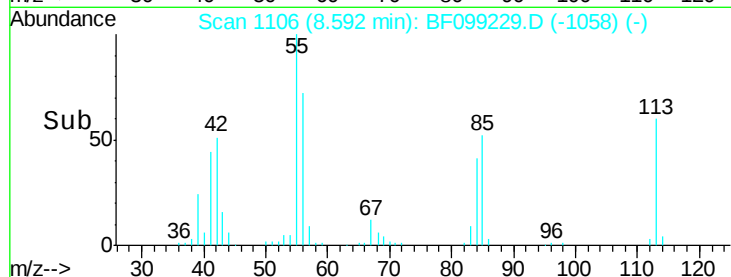
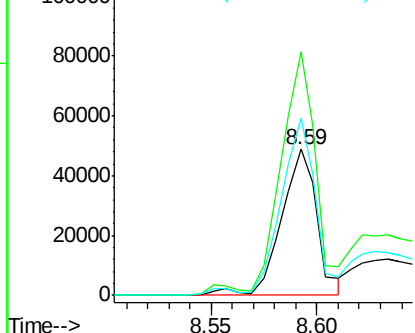
#35
 Caprolactam
 Concen: 28.19 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.02 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 57305
 Ion Ratio Lower Upper
 113 100
 55 166.7 163.3 203.3
 56 120.8 115.7 155.7

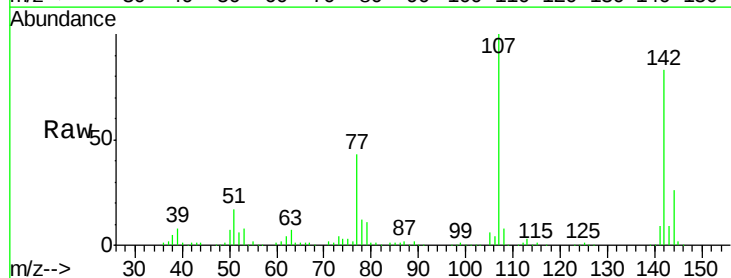


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

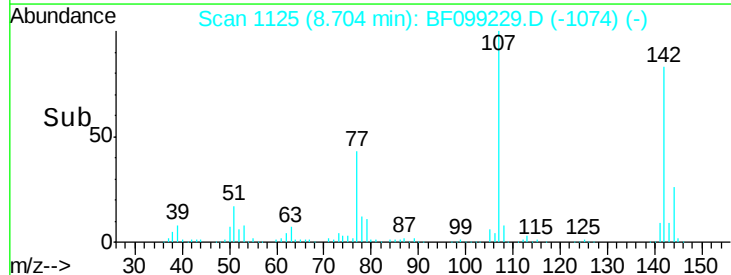
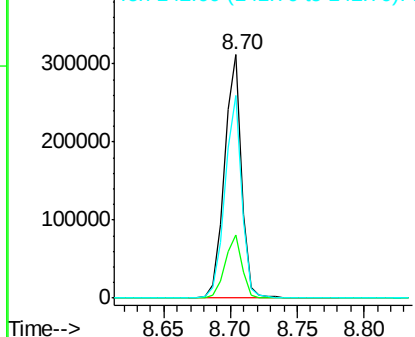


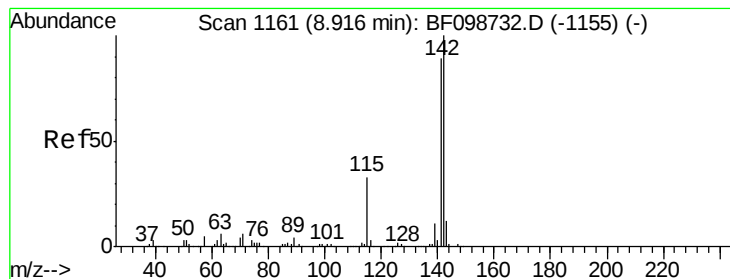
#36
 4-Chloro-3-methylphenol
 Concen: 39.61 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Tgt Ion:107 Resp: 282155
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.5 30.7
 142 83.1 62.0 93.0



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





#37

2-Methylnaphthalene

Concen: 44.01 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

ClientSampleId :

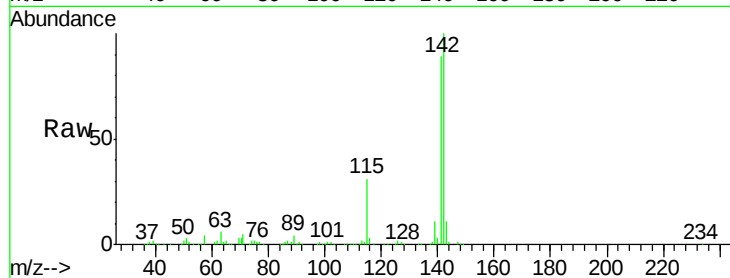
Tot Ion:142 Resp: 617389

Ion Ratio Lower Upper

142 100

141 89.3 70.8 106.2

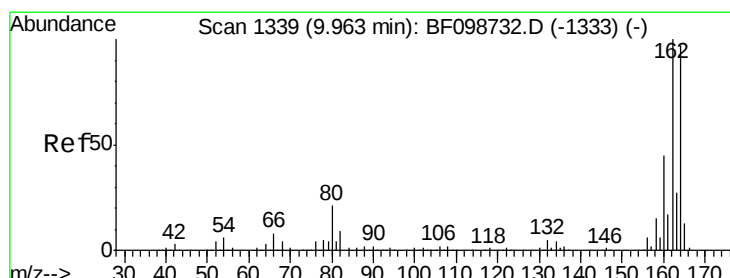
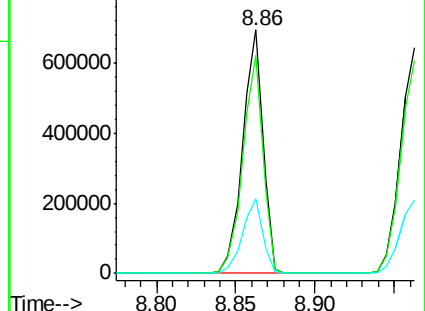
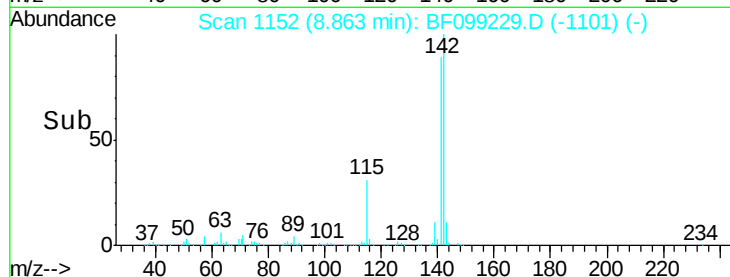
115 30.9 26.1 39.1



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. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

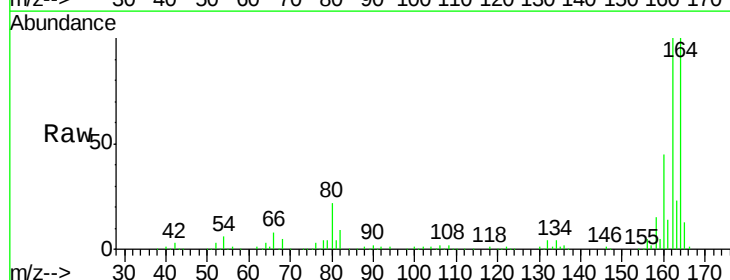
Tgt Ion:164 Resp: 213948

Ion Ratio Lower Upper

164 100

162 100.5 86.1 129.1

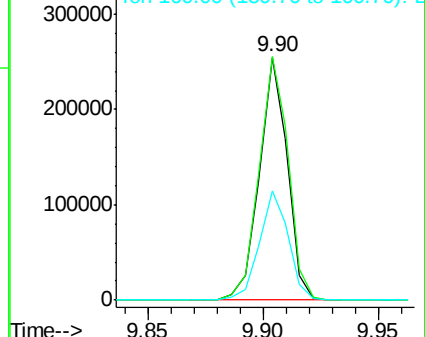
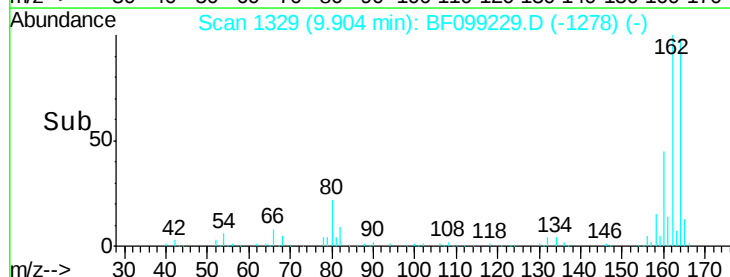
160 45.1 38.3 57.5

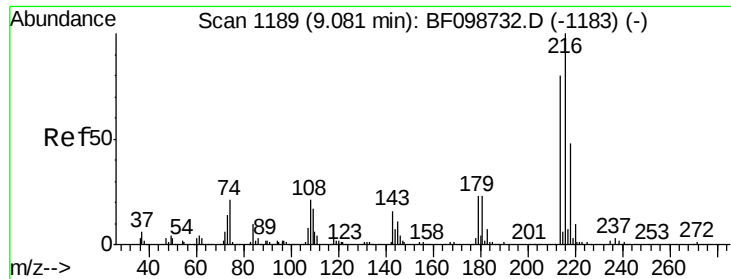


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

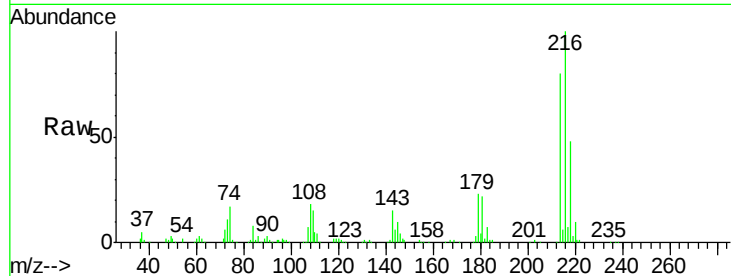




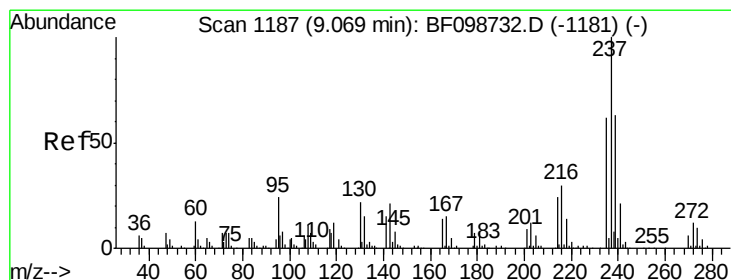
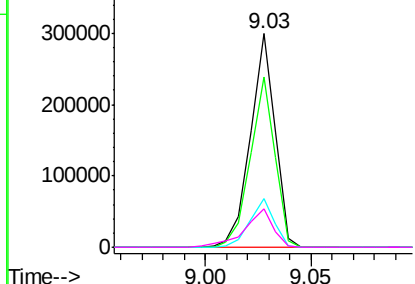
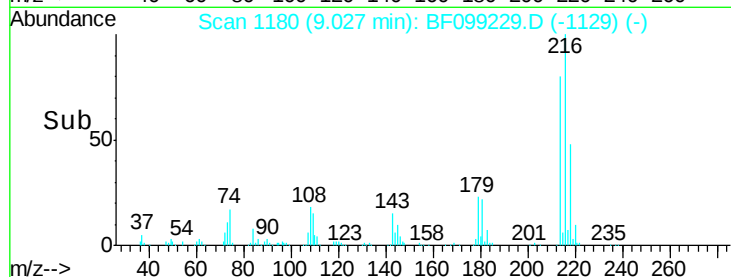
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.34 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	244609
Ion Ratio	Lower	Upper
216	100	
214	79.2	63.0 94.4
179	22.6	18.1 27.1
108	20.5	17.2 25.8

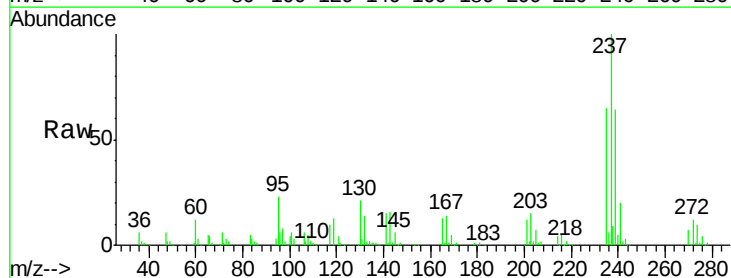


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

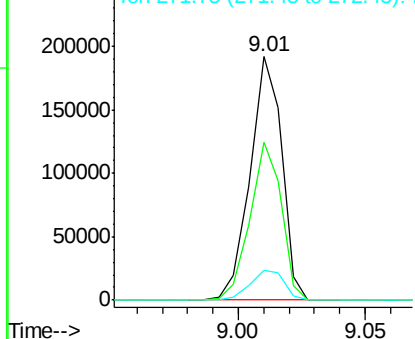
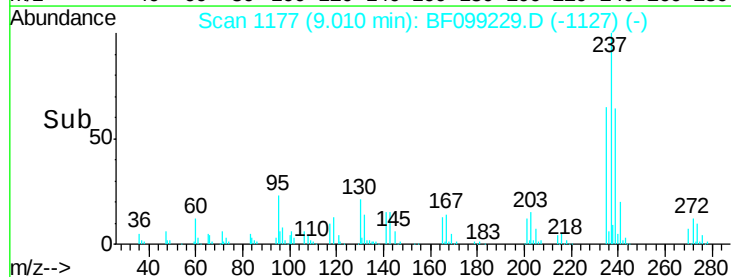


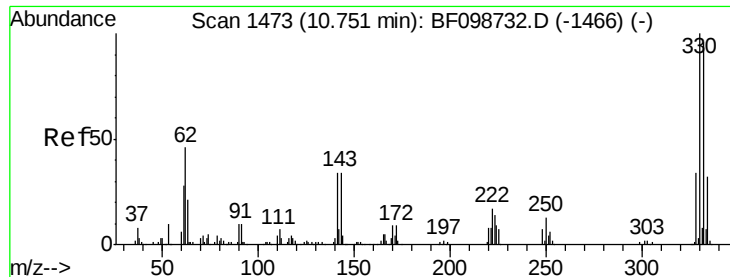
#40
 Hexachlorocyclopentadiene
 Concen: 57.45 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Tgt Ion:237	Resp:	167517
Ion Ratio	Lower	Upper
237	100	
235	64.7	44.8 84.8
272	12.3	0.0 33.3



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

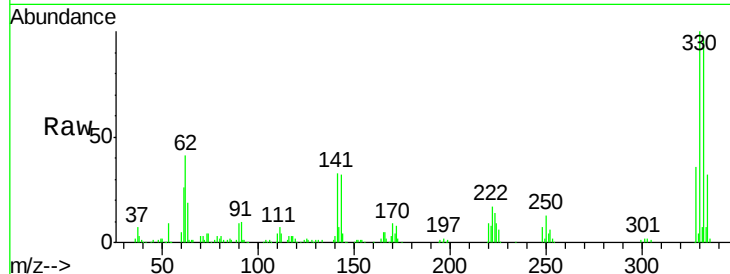




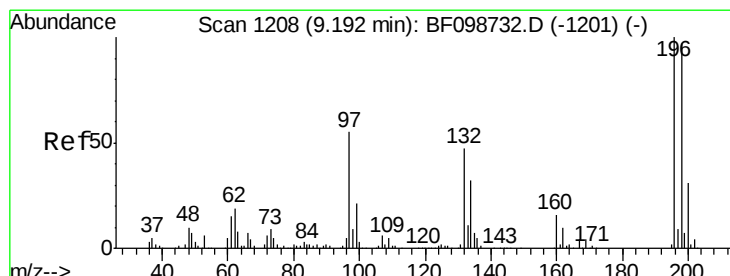
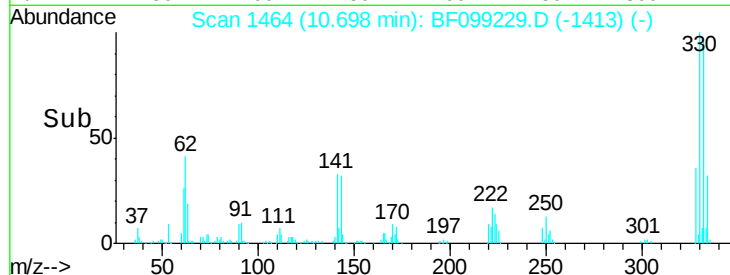
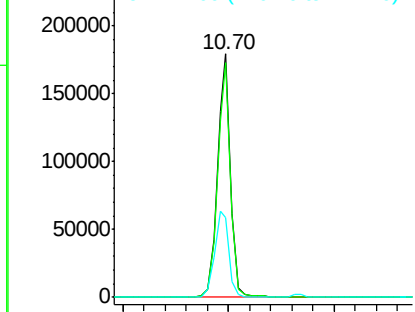
#41
 2,4,6-Tribromophenol
 Concen: 89.73 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 157091
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 39.0 29.9 44.9

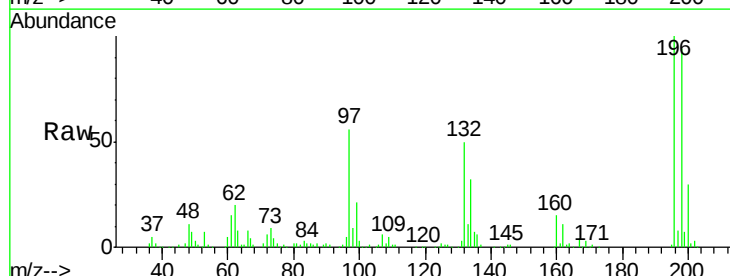


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

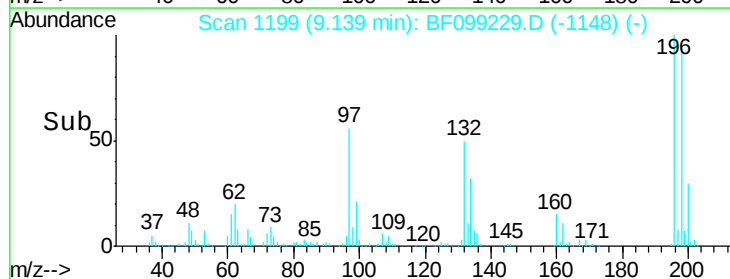
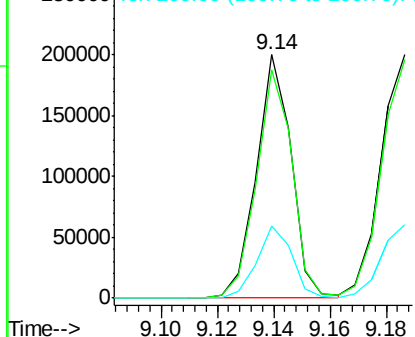


#42
 2,4,6-Trichlorophenol
 Concen: 38.08 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Tgt Ion:196 Resp: 172117
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.7 113.5
 200 29.8 24.5 36.7



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

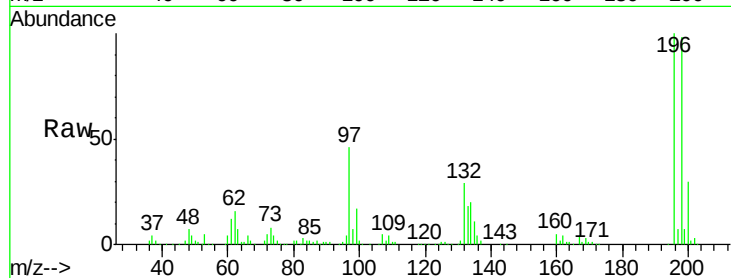




#43
 2,4,5-Trichlorophenol
 Concen: 40.84 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.8	74.6	112.0
97	45.8	42.9	64.3
132	29.1	26.3	39.5



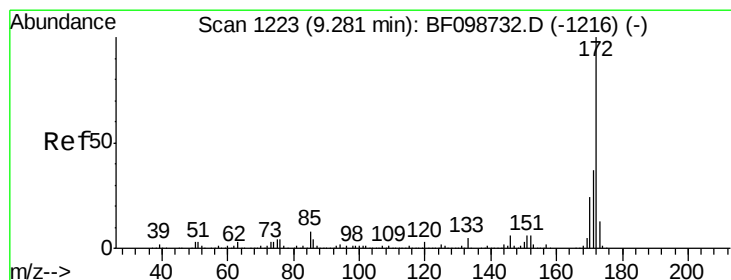
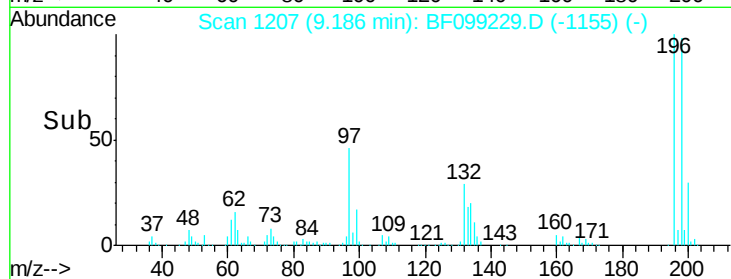
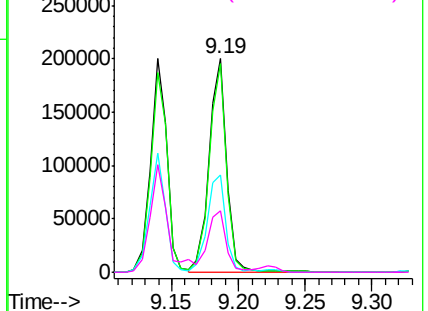
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

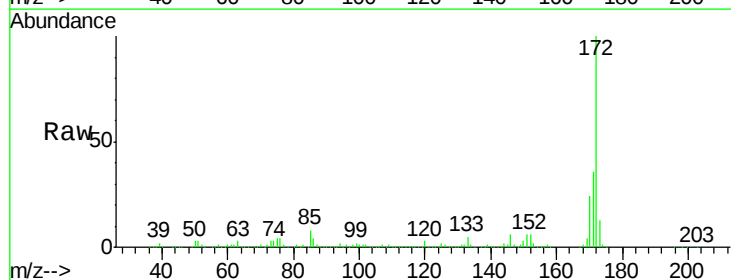
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.67 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.0	19.6	29.4

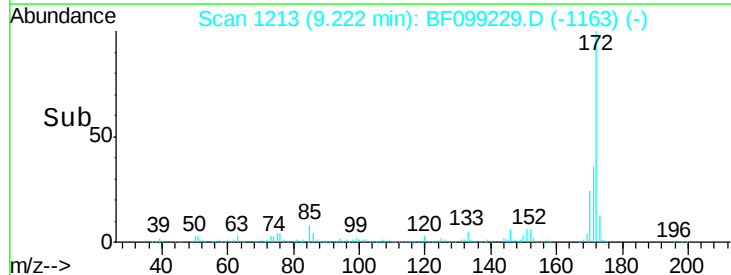
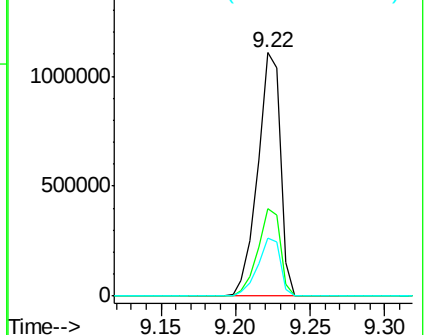


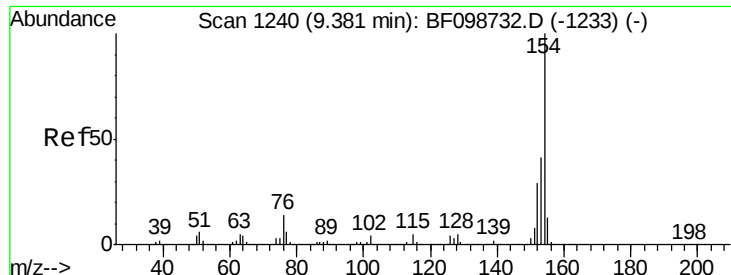
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

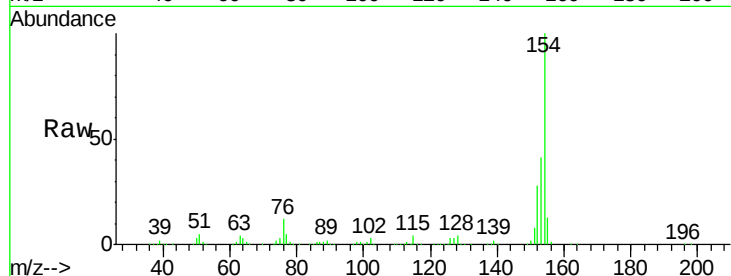




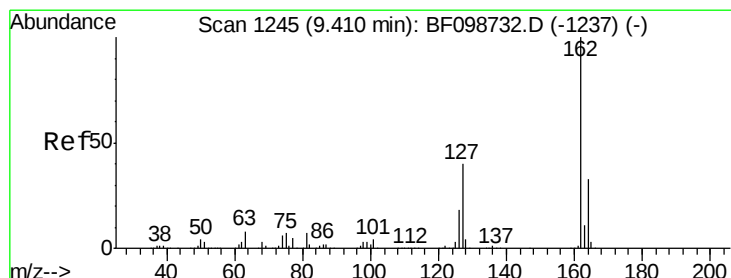
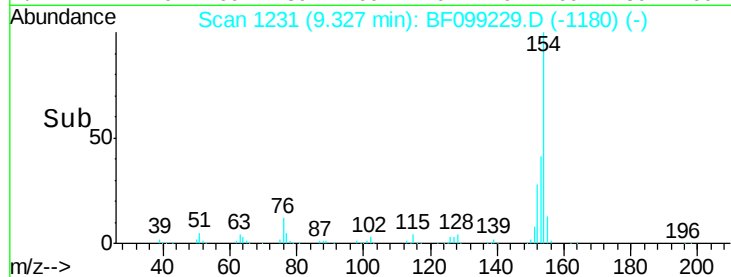
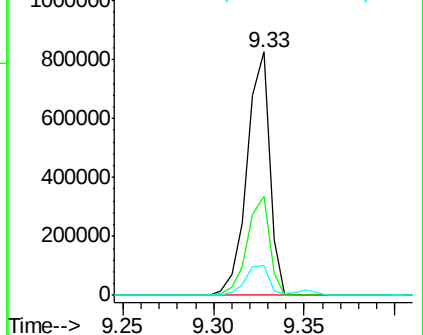
#45
 1,1'-Biphenyl
 Concen: 38.91 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 715485
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.3 61.3
 76 12.1 0.0 34.0

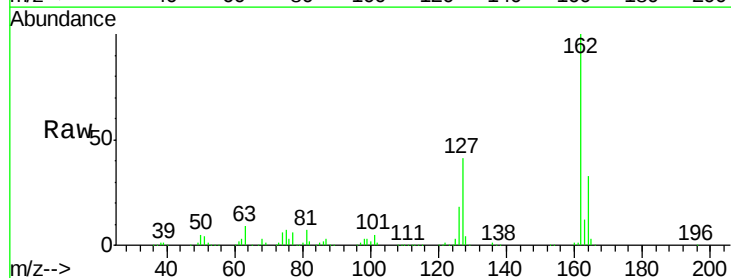


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

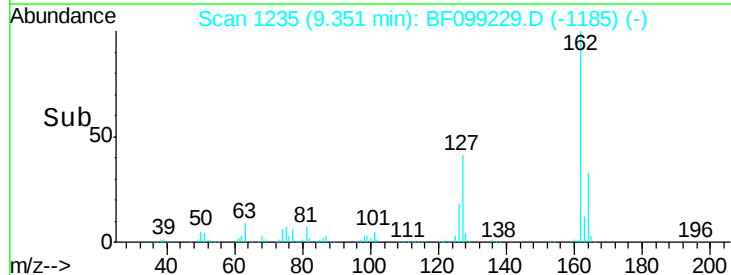
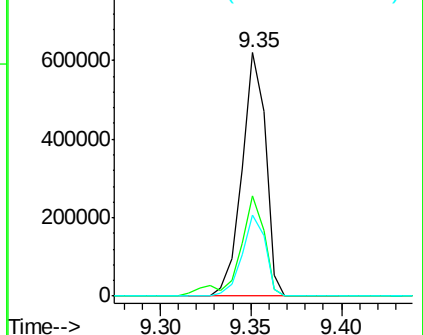


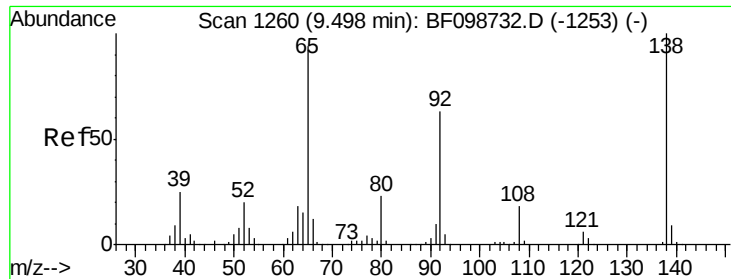
#46
 2-Chloronaphthalene
 Concen: 40.69 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Tgt Ion:162 Resp: 561688
 Ion Ratio Lower Upper
 162 100
 127 41.0 33.9 50.9
 164 33.1 26.5 39.7



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

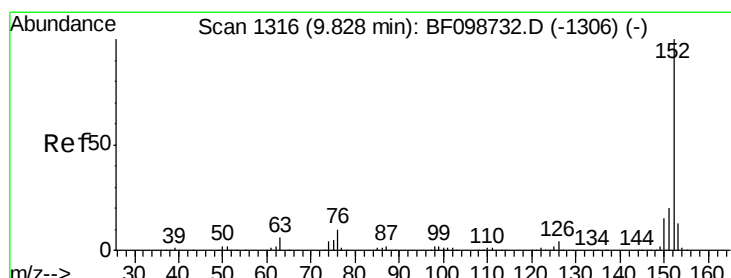
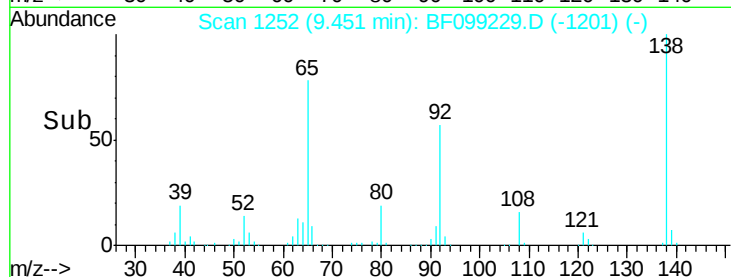
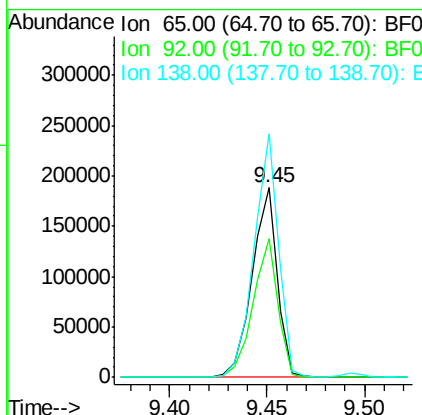
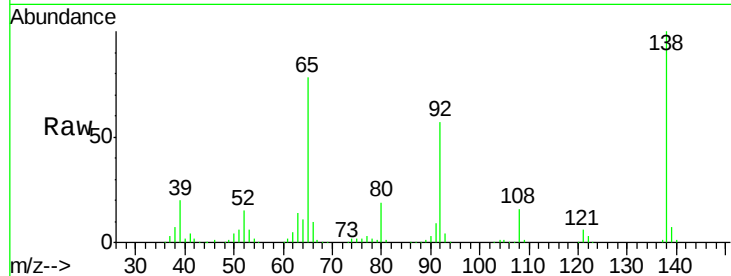




#47
2-Nitroaniline
Concen: 39.74 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

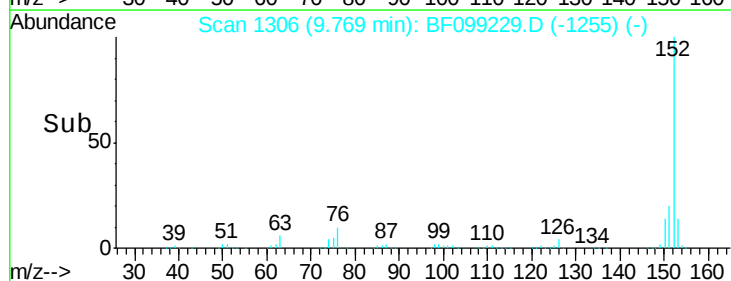
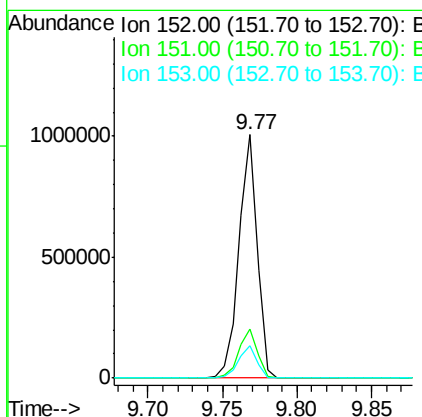
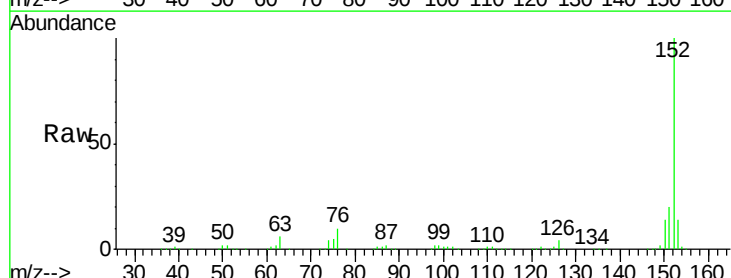
Instrument :
BNA_F
ClientSampleId :

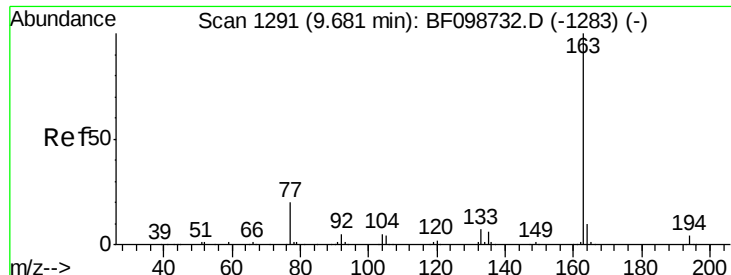
Tot Ion: 65 Resp: 167979
Ion Ratio Lower Upper
65 100
92 73.4 55.8 83.6
138 128.4 91.2 136.8



#48
Acenaphthylene
Concen: 40.91 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion: 152 Resp: 864680
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.5 10.7 16.1

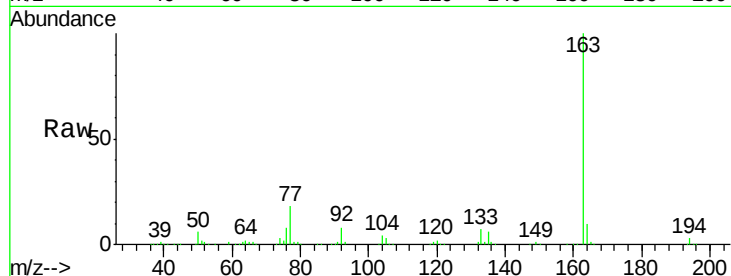




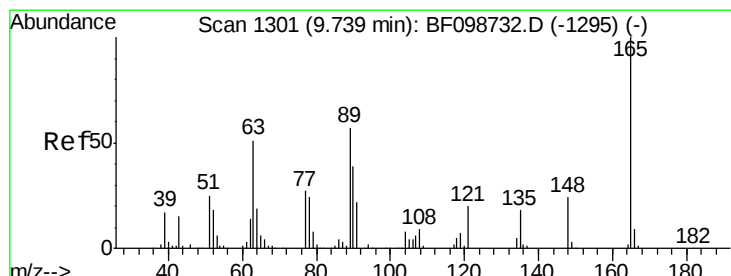
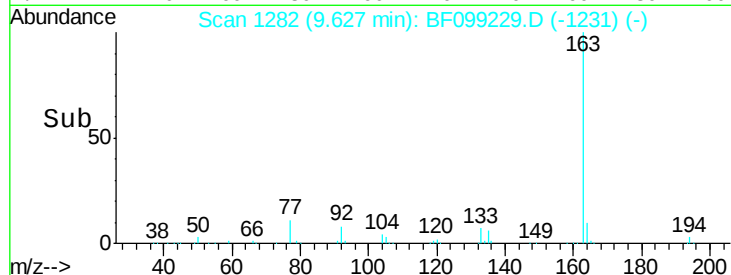
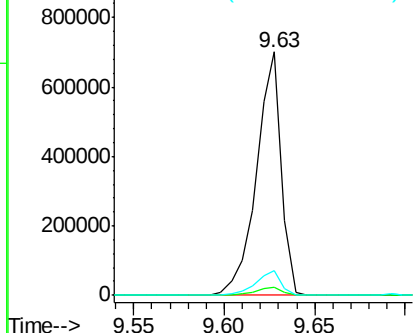
#49
Dimethylphthalate
Concen: 41.09 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 663426
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.0 8.2 12.2

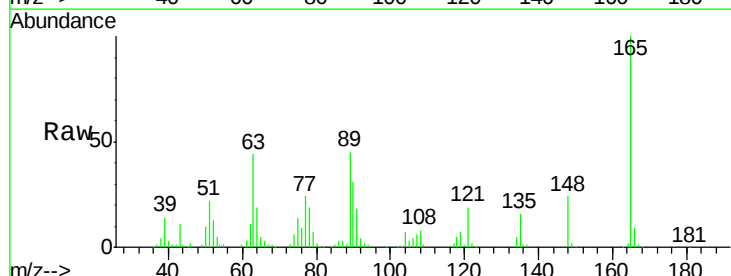


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

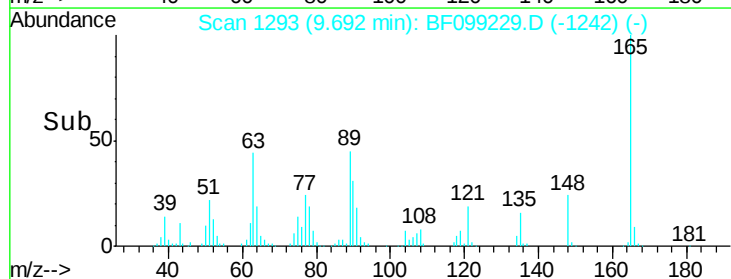
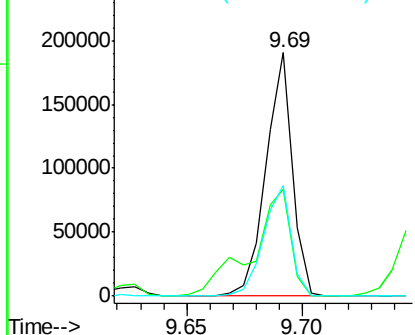


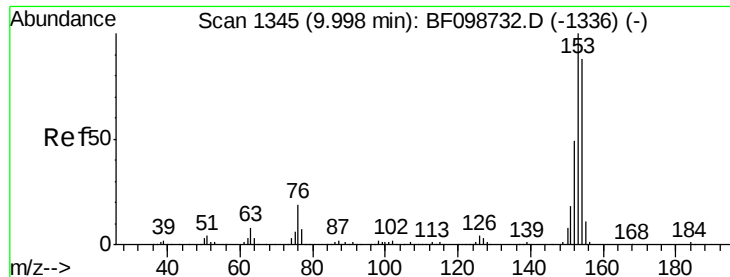
#50
2,6-Dinitrotoluene
Concen: 43.07 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion:165 Resp: 151421
Ion Ratio Lower Upper
165 100
63 43.8 44.7 67.1#
89 45.5 44.0 66.0



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





#51

Acenaphthene

Concen: 37.45 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

ClientSampleId :

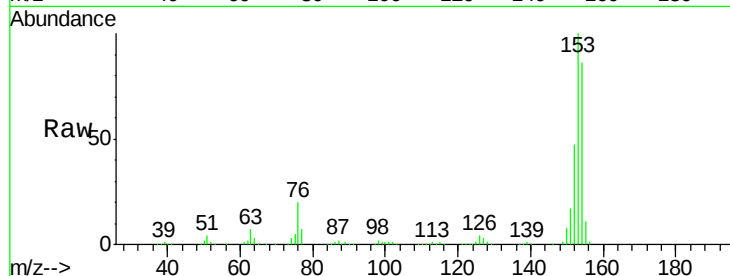
Tot Ion:154 Resp: 501375

Ion Ratio Lower Upper

154 100

153 116.0 91.2 136.8

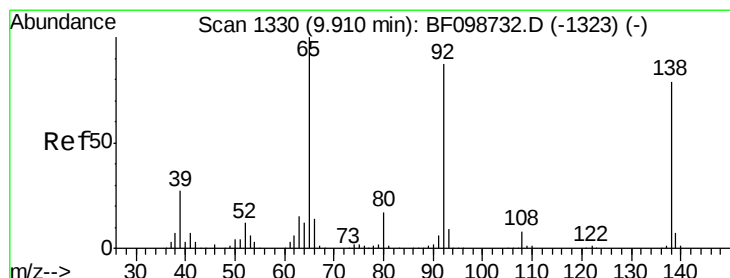
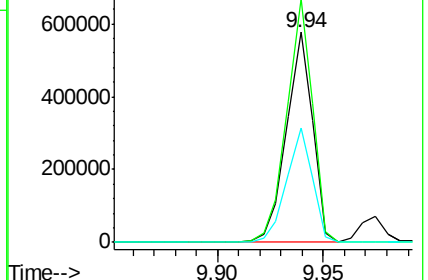
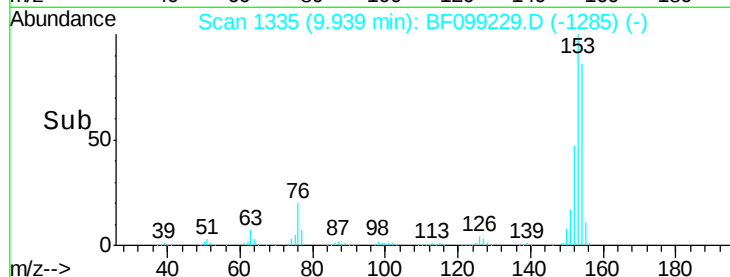
152 54.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.97 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

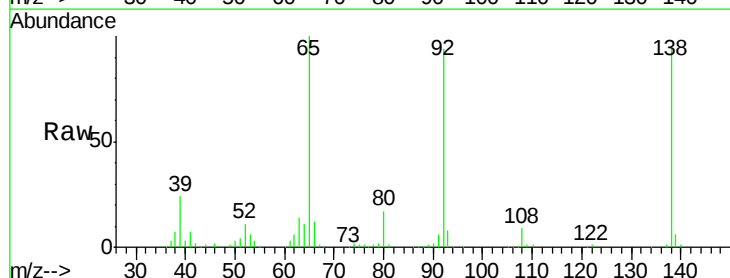
Tgt Ion:138 Resp: 135140

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

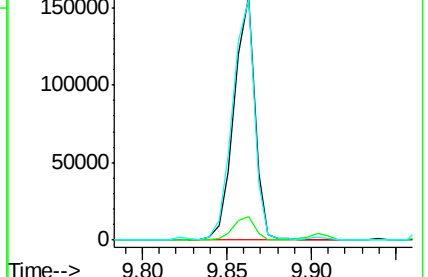
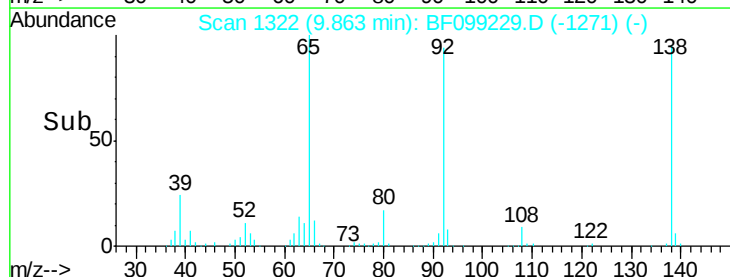
92 99.0 89.4 134.2

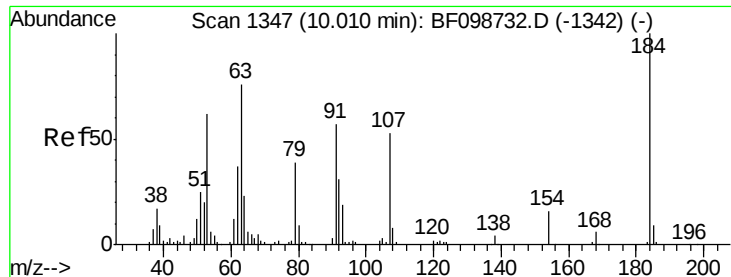


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

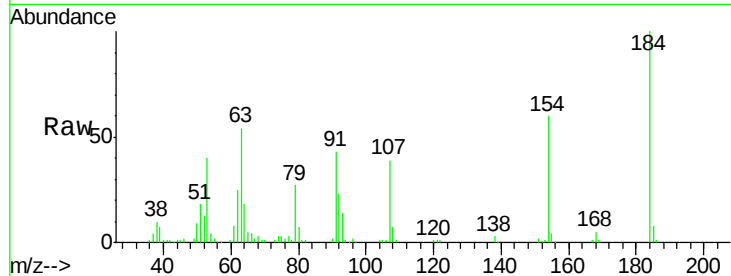




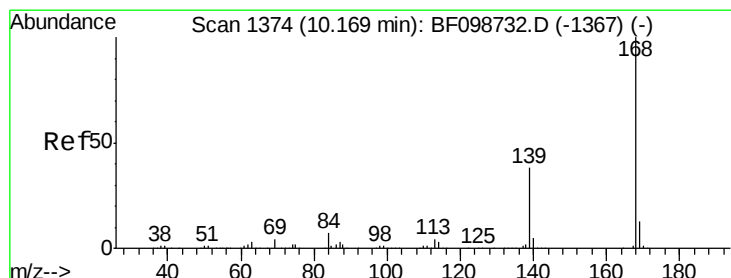
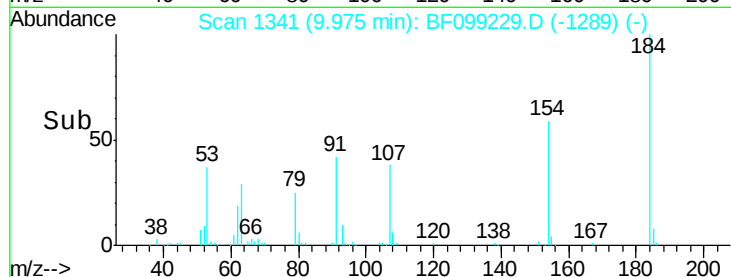
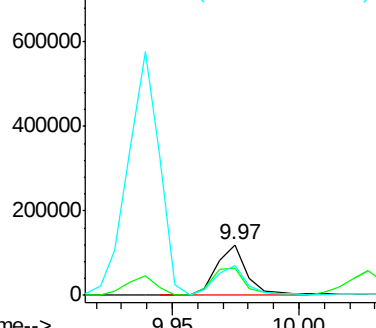
#53
2,4-Dinitrophenol
Concen: 56.44 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 99908
Ion Ratio Lower Upper
184 100
63 53.7 54.2 81.2#
154 59.7 53.5 80.3

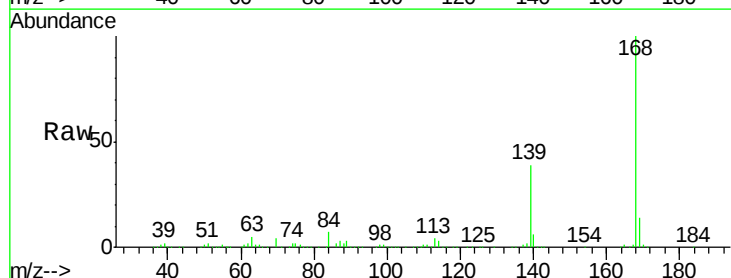


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

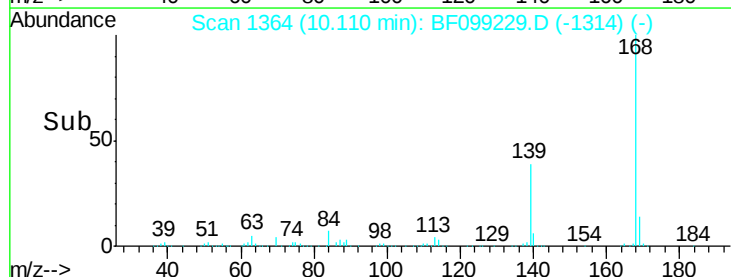
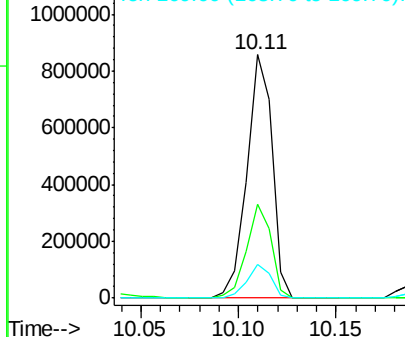


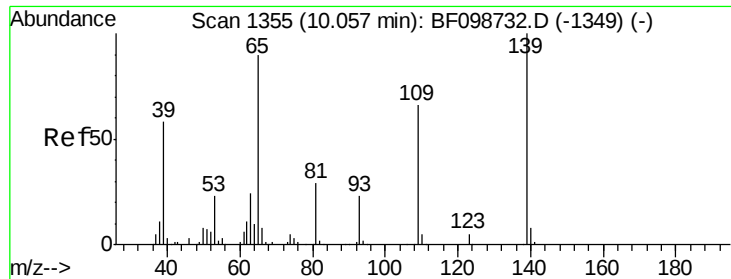
#54
Dibenzofuran
Concen: 43.06 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion:168 Resp: 767486
Ion Ratio Lower Upper
168 100
139 38.5 30.1 45.1
169 14.0 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

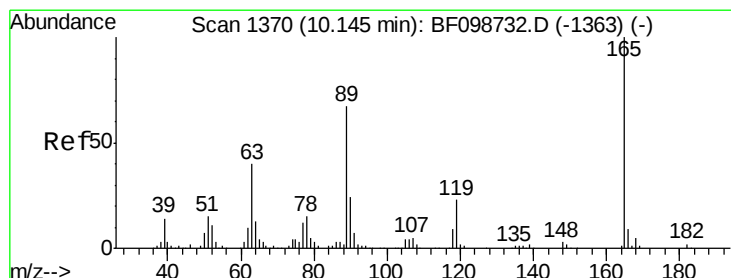
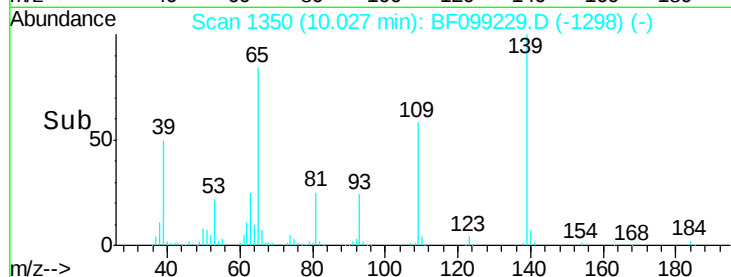
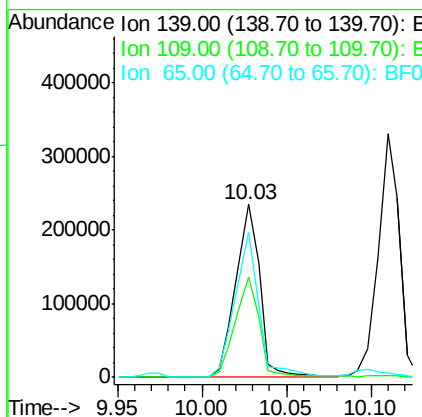
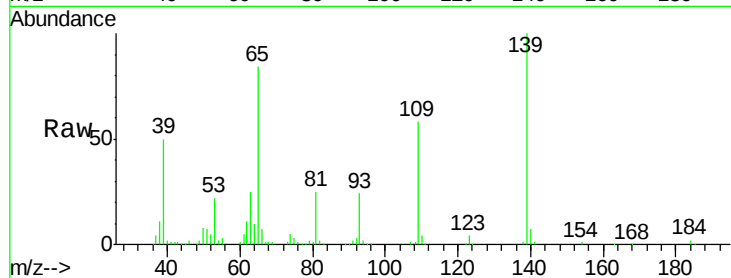




#55
4-Nitrophenol
Concen: 68.04 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

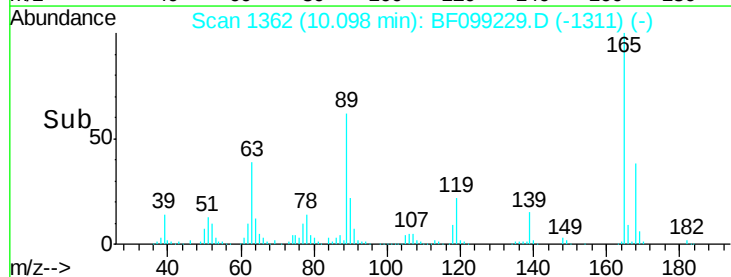
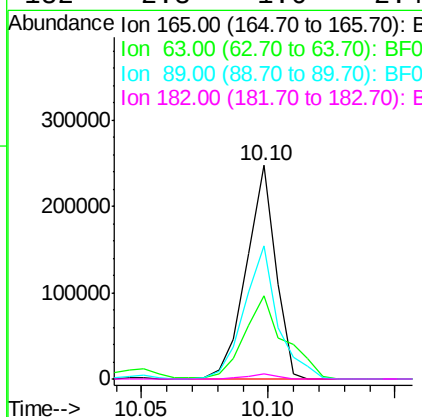
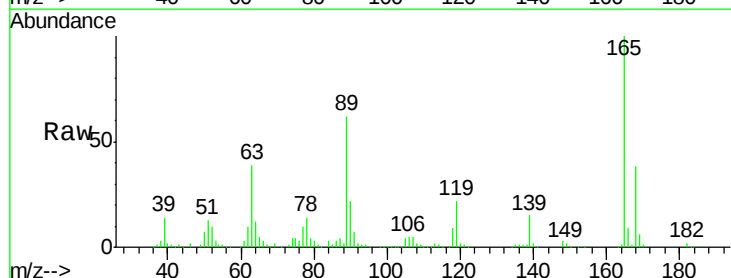
Instrument :
BNA_F
ClientSampled :

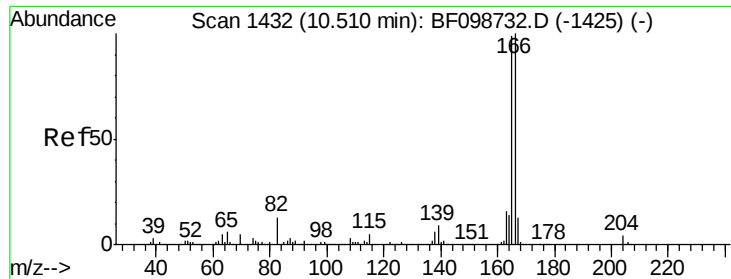
Tot Ion:139 Resp: 235812
Ion Ratio Lower Upper
139 100
109 57.7 48.4 88.4
65 83.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.91 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion:165 Resp: 200345
Ion Ratio Lower Upper
165 100
63 39.1 36.4 54.6
89 62.1 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 42.10 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

ClientSampled :

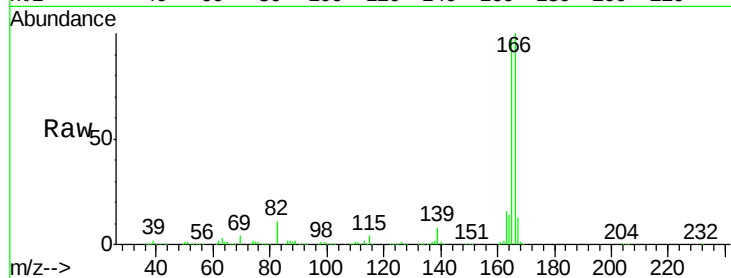
Tot Ion:166 Resp: 603105

Ion Ratio Lower Upper

166 100

165 97.4 79.8 119.8

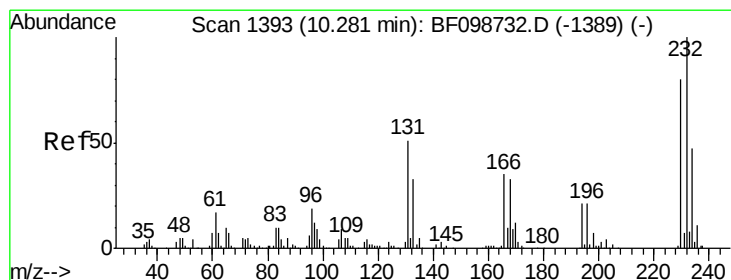
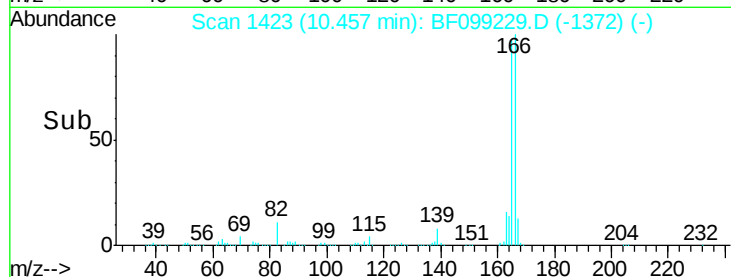
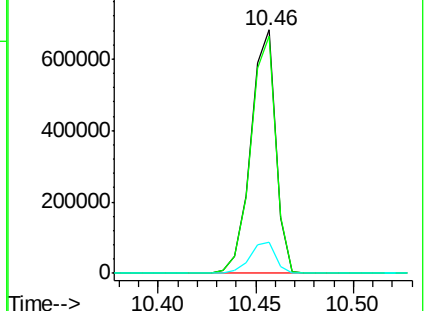
167 12.7 10.6 16.0



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: 44.29 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Tgt Ion:232 Resp: 138040

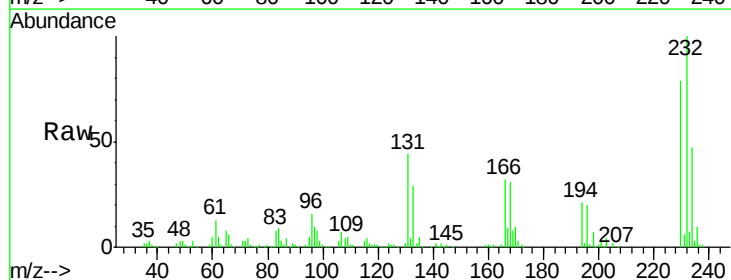
Ion Ratio Lower Upper

232 100

131 50.3 43.8 65.8

130 2.4 2.1 3.1

166 34.7 27.8 41.6

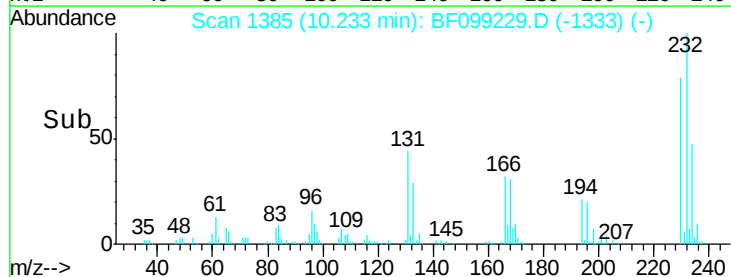
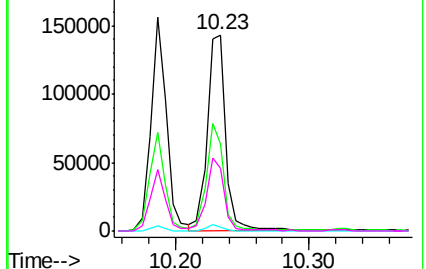


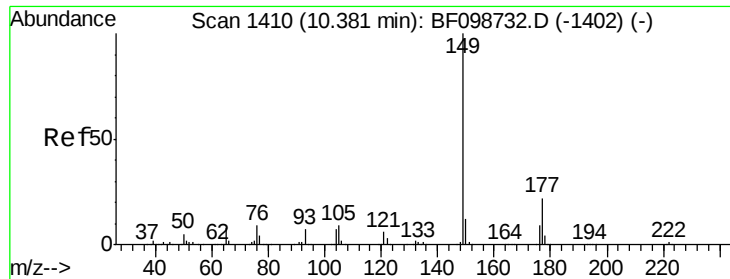
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

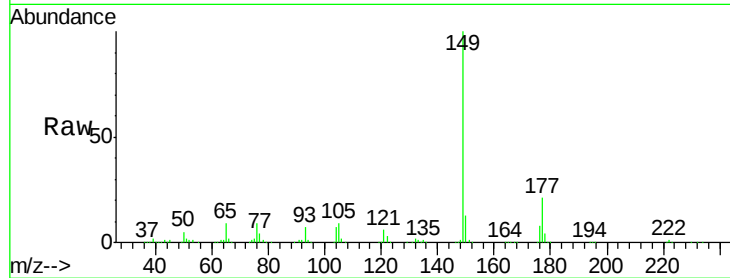




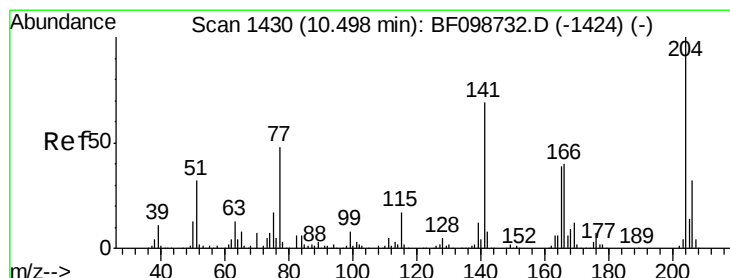
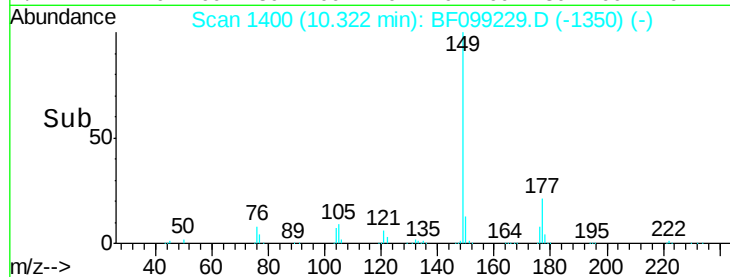
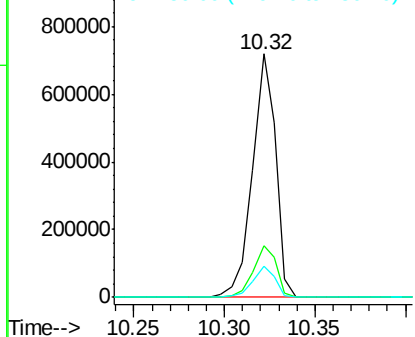
#59
Diethylphthalate
Concen: 40.41 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 637570
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 13.0 10.1 15.1

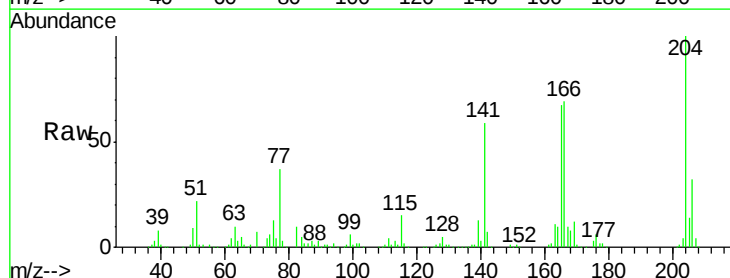


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

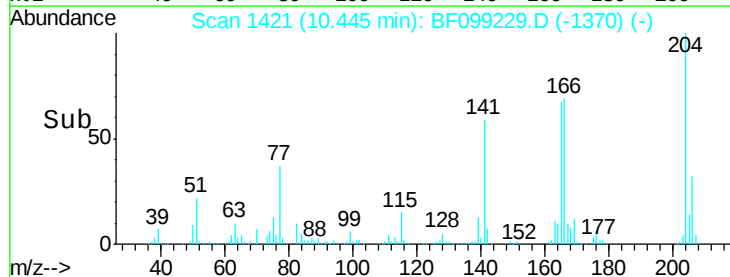
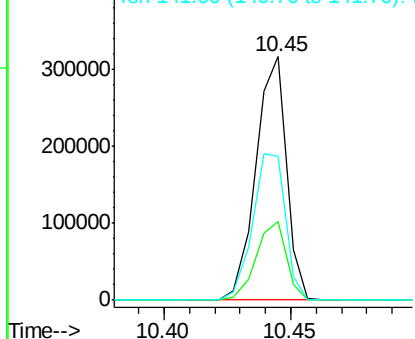


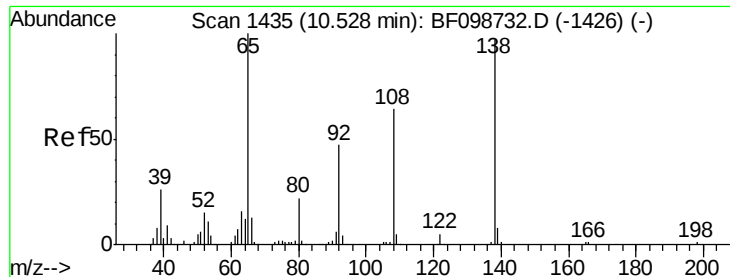
#60
4-Chlorophenyl-phenylether
Concen: 41.61 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion:204 Resp: 267794
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 59.2 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

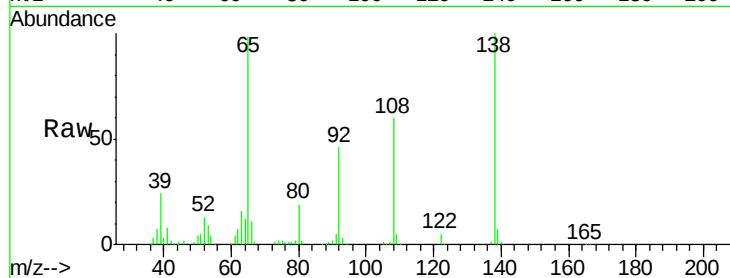




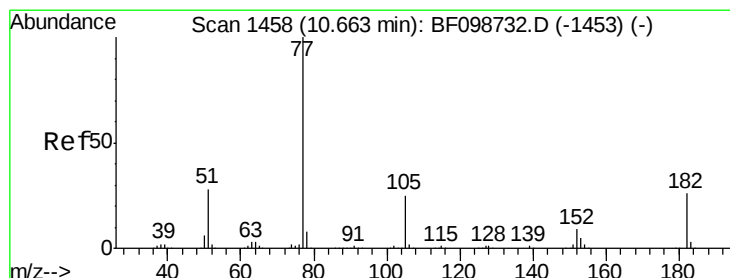
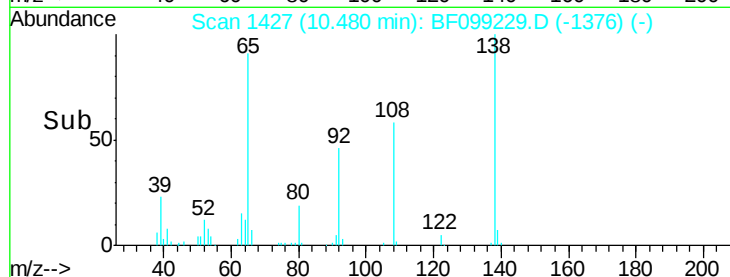
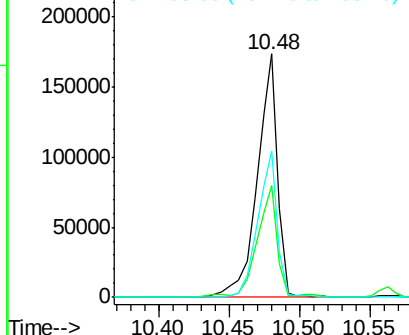
#61
4-Nitroaniline
Concen: 44.53 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 176094
Ion Ratio Lower Upper
138 100
92 46.2 30.2 70.2
108 60.1 52.5 92.5

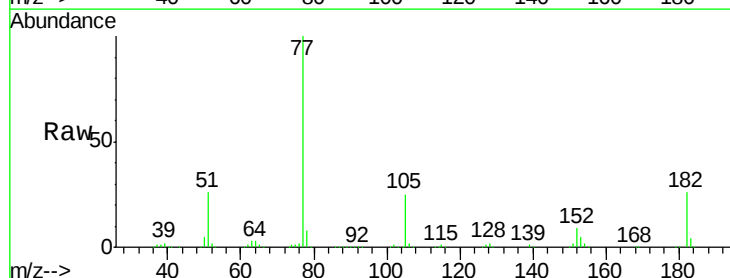


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

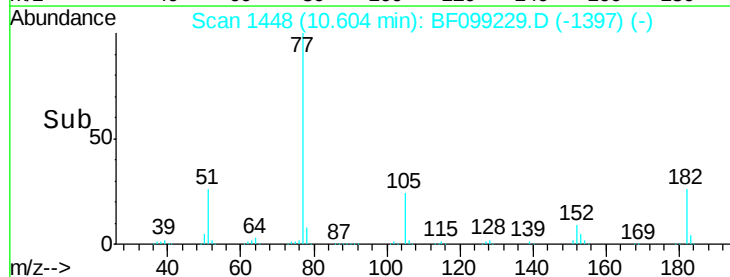
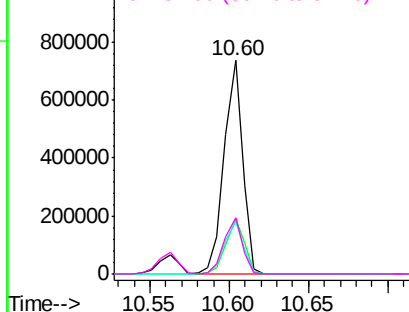


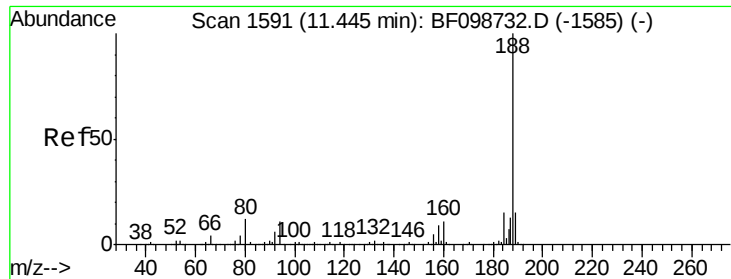
#62
Azobenzene
Concen: 41.34 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion: 77 Resp: 599778
Ion Ratio Lower Upper
77 100
182 25.5 1.7 41.7
105 24.7 3.0 43.0
51 26.4 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

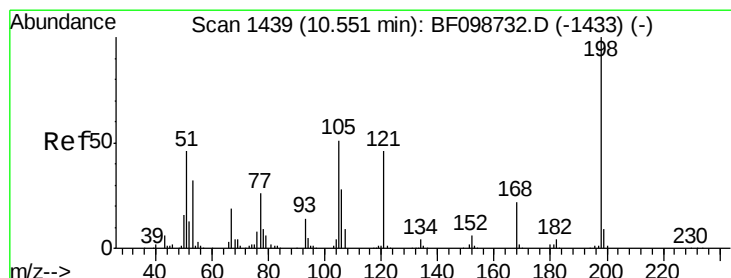
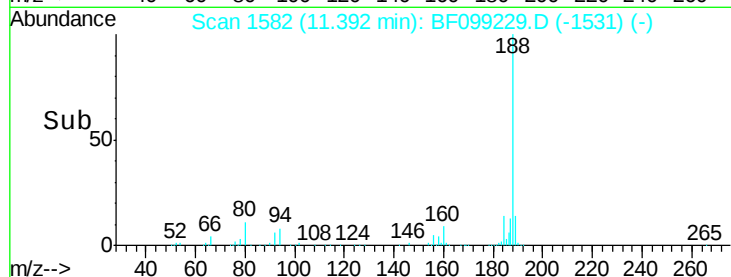
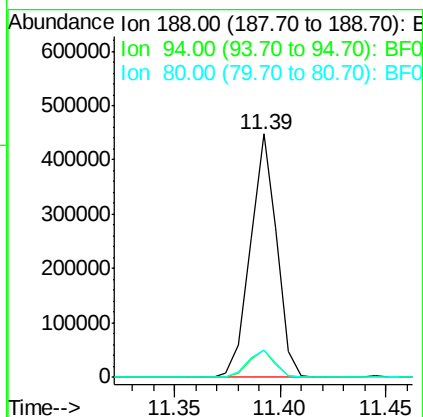
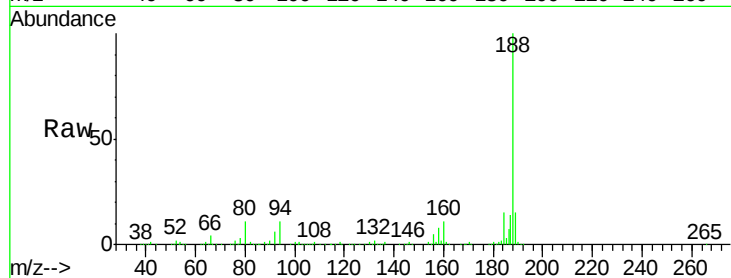




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

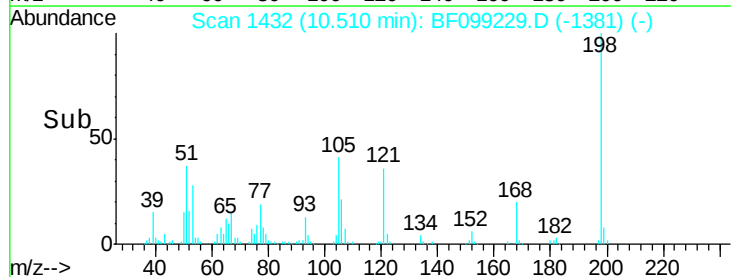
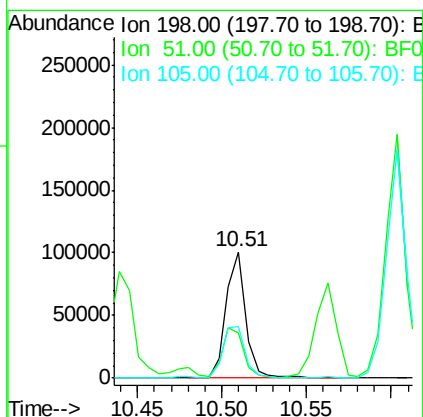
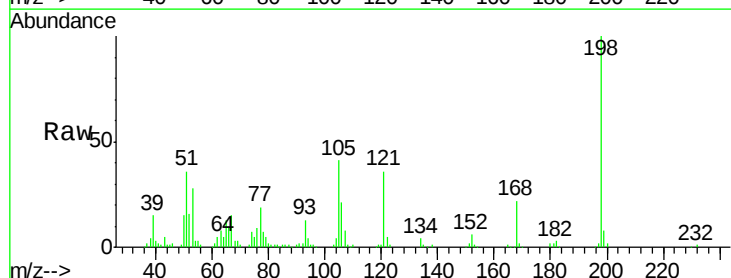
Instrument :
BNA_F
ClientSampleId :

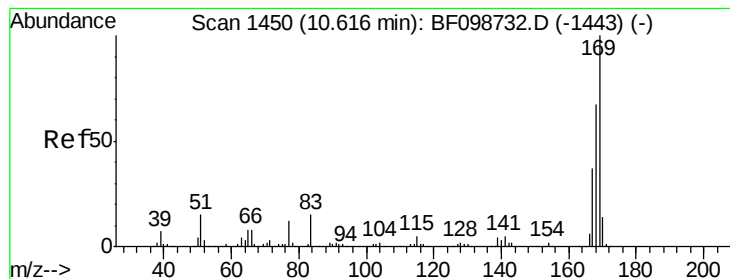
Tot Ion:188 Resp: 387462
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 34.76 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion:198 Resp: 81938
Ion Ratio Lower Upper
198 100
51 36.4 37.7 77.7#
105 41.2 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 40.20 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

ClientSampleId :

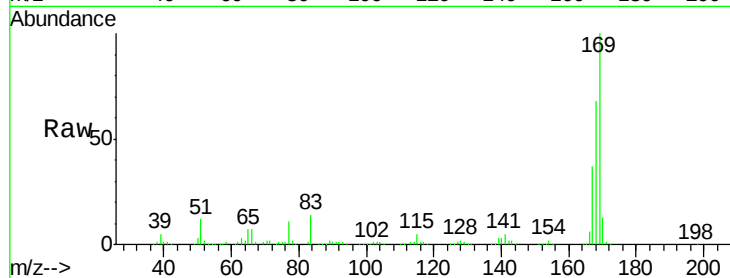
Tot Ion:169 Resp: 539549

Ion Ratio Lower Upper

169 100

168 68.2 54.4 81.6

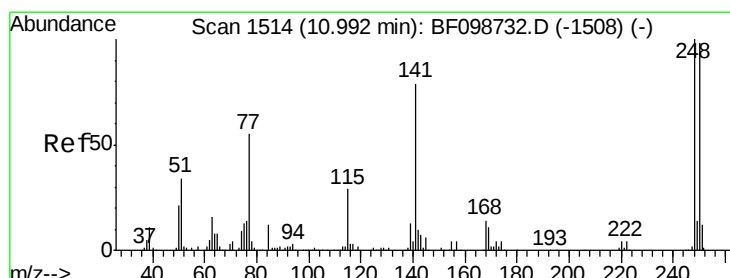
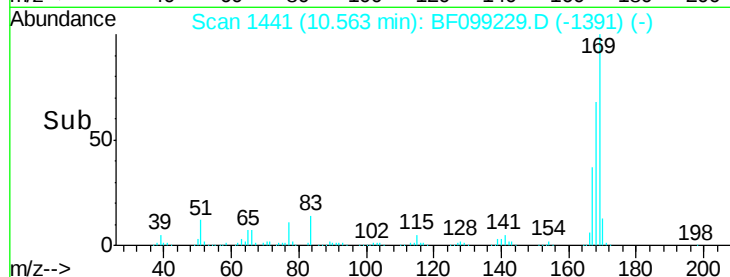
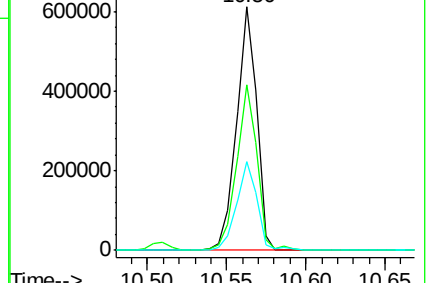
167 36.5 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.49 ng

RT: 10.93 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

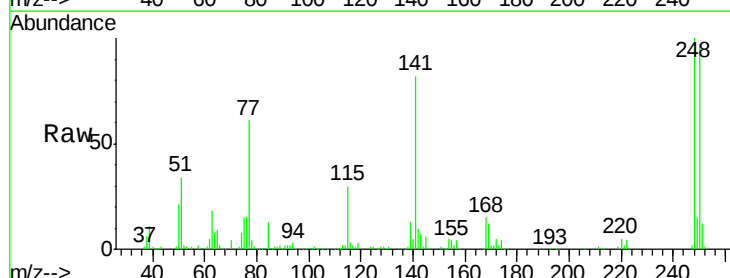
Tgt Ion:248 Resp: 157339

Ion Ratio Lower Upper

248 100

250 97.5 76.9 115.3

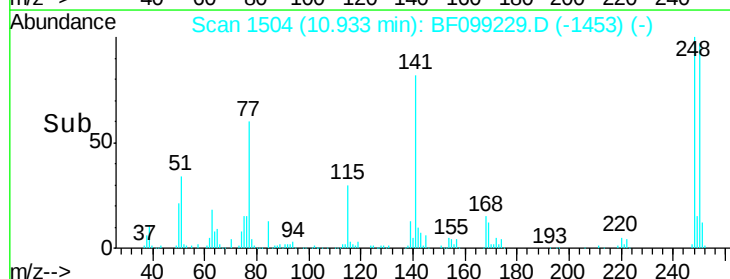
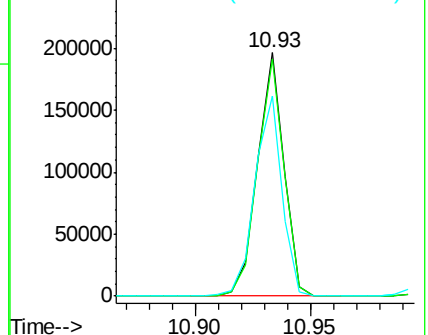
141 82.0 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

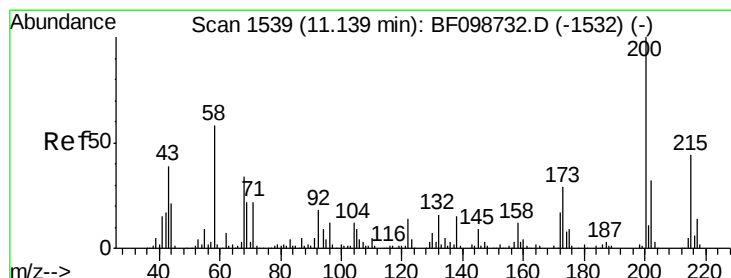
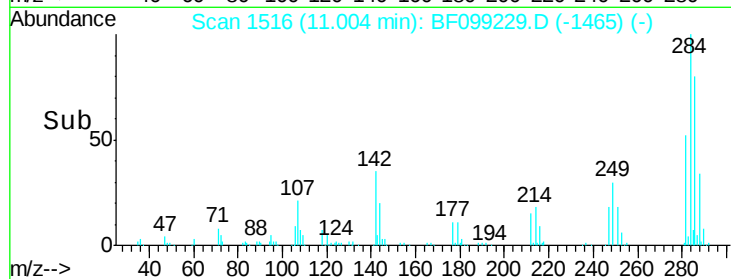
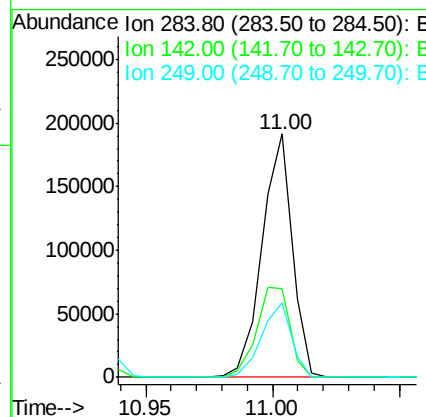
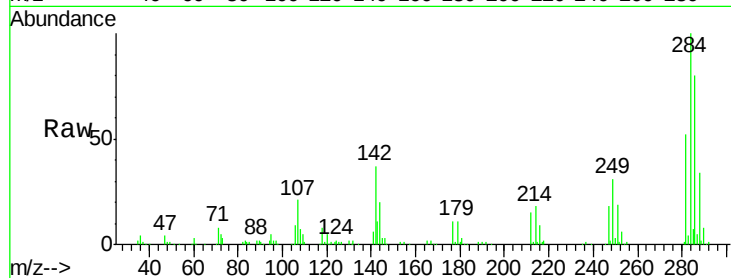




#67
Hexachlorobenzene
Concen: 39.55 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

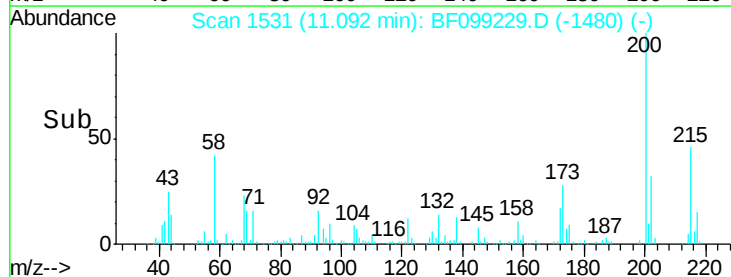
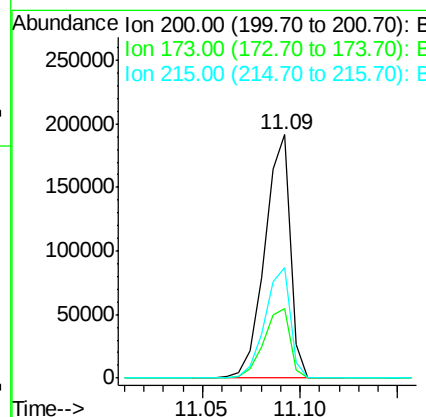
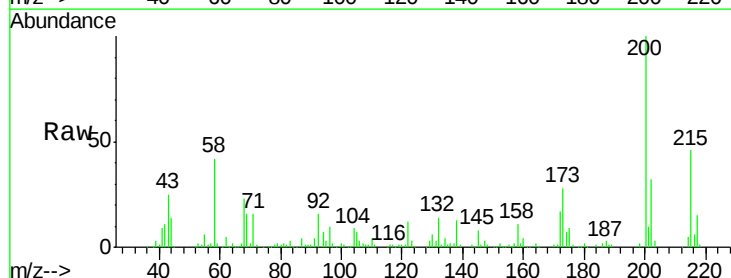
Instrument :
BNA_F
ClientSampled :

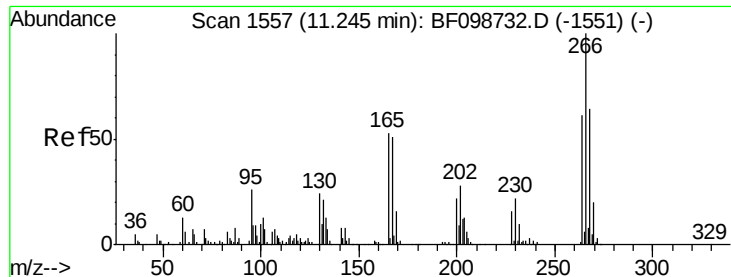
Tot Ion:284 Resp: 160198
Ion Ratio Lower Upper
284 100
142 36.6 34.6 52.0
249 30.7 24.8 37.2



#68
Atrazine
Concen: 42.75 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion:200 Resp: 172662
Ion Ratio Lower Upper
200 100
173 28.3 8.6 48.6
215 45.6 25.1 65.1

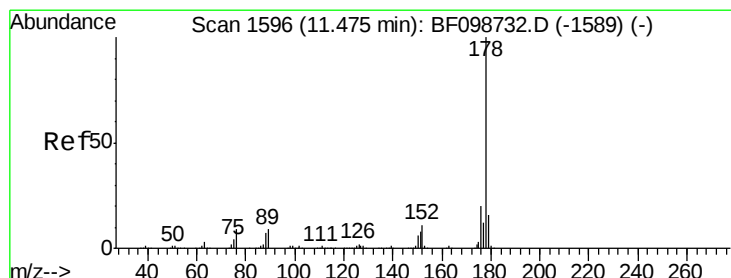
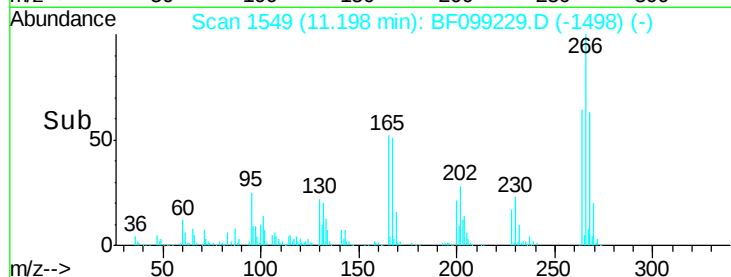
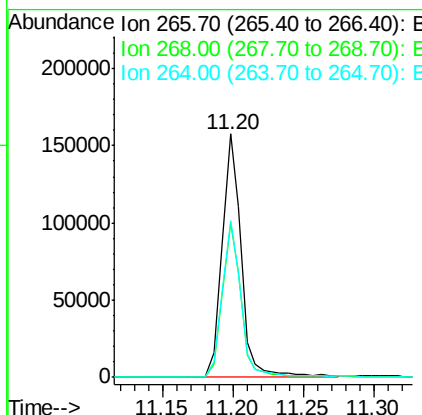
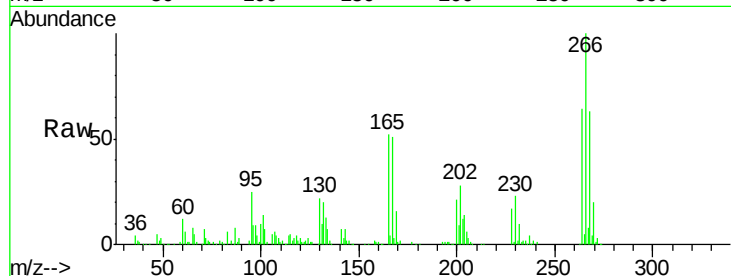




#69
 Pentachlorophenol
 Concen: 58.99 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

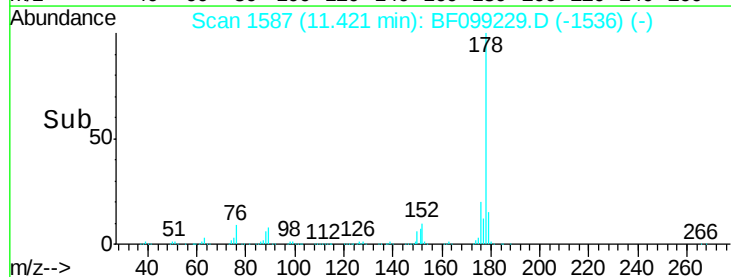
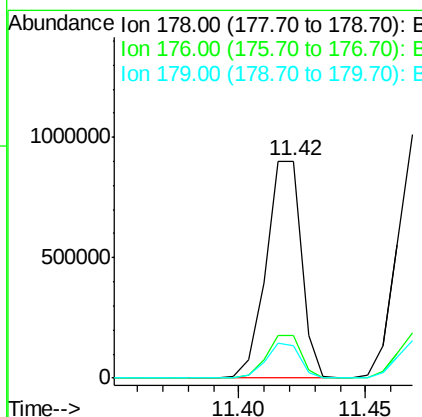
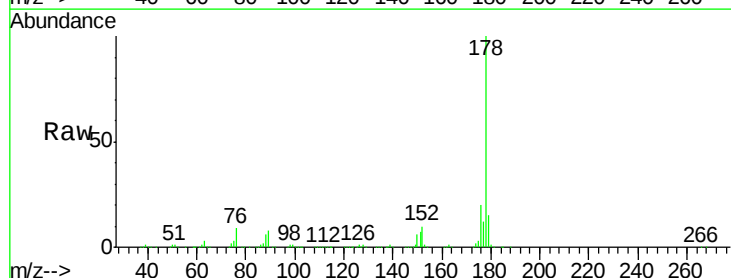
Instrument :
 BNA_F
 ClientSampled :

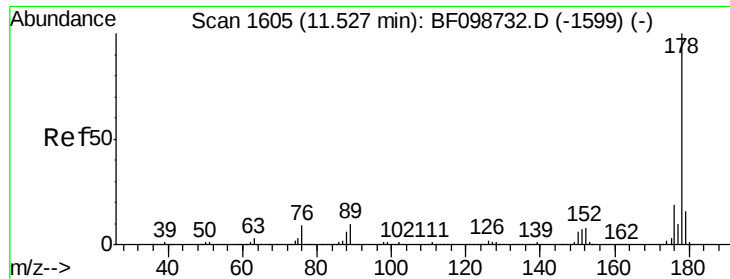
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	64.3	49.5	74.3



#70
 Phenanthrene
 Concen: 41.90 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.1	13.0	19.6

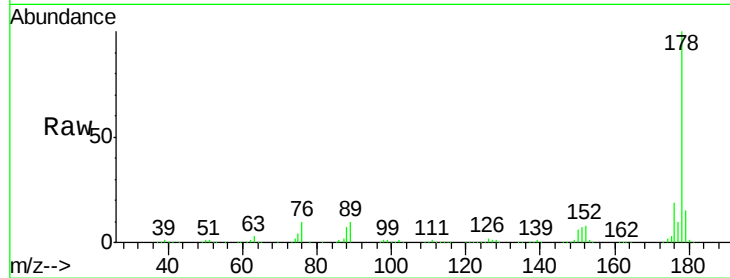




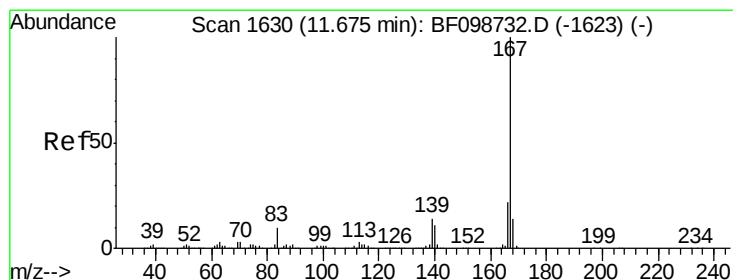
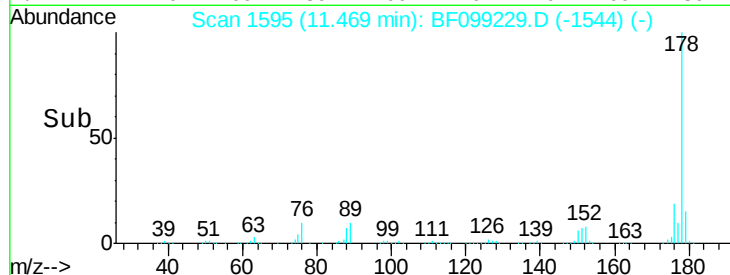
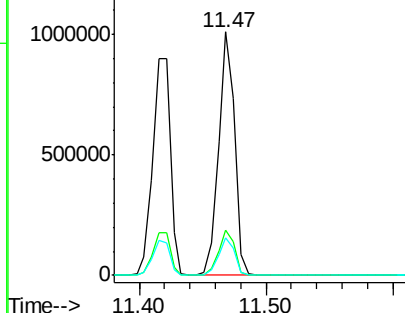
#71
 Anthracene
 Concen: 42.44 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 900507
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.5 12.6 19.0

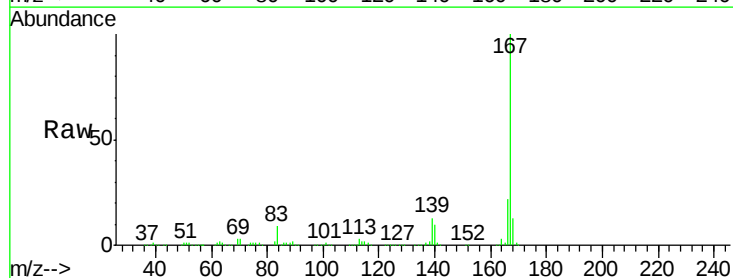


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

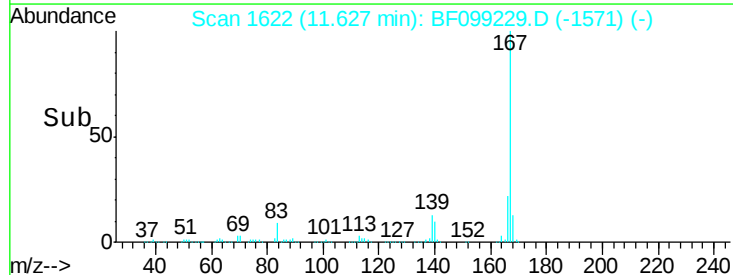
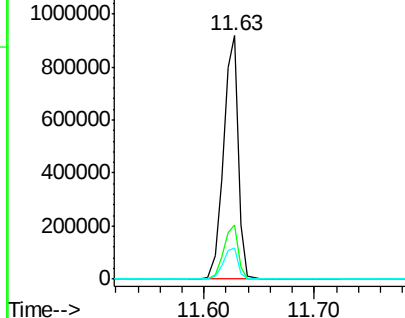


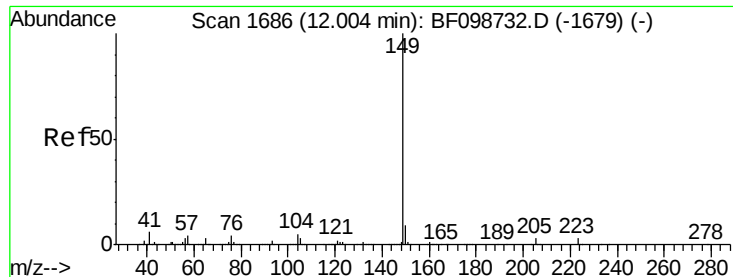
#72
 Carbazole
 Concen: 41.09 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Tgt Ion:167 Resp: 853910
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 12.7 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

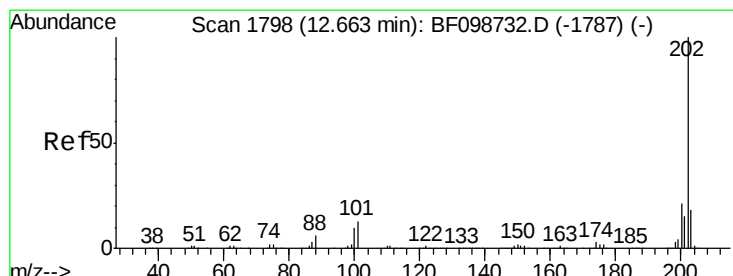
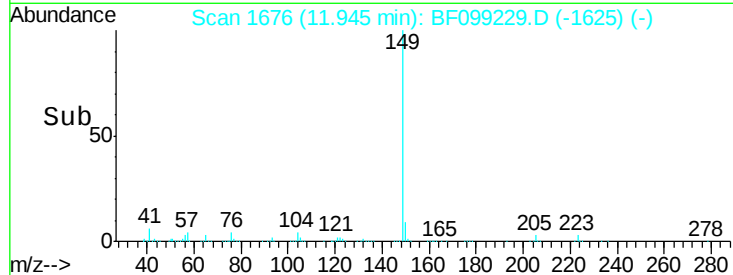
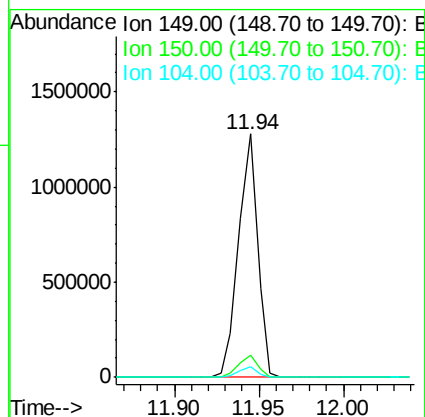
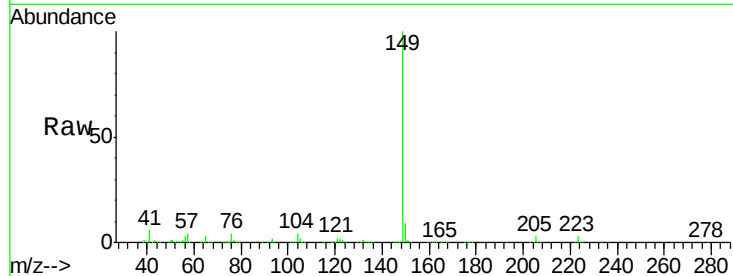




#73
Di-n-butylphthalate
Concen: 40.37 ng
RT: 11.94 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

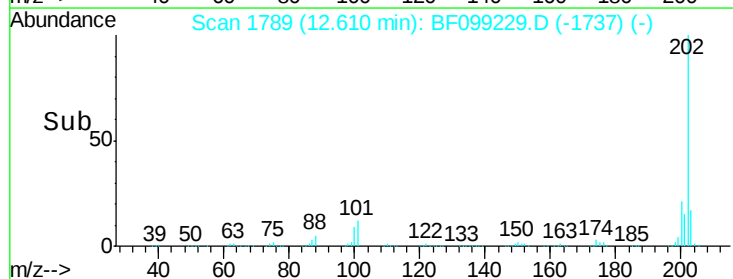
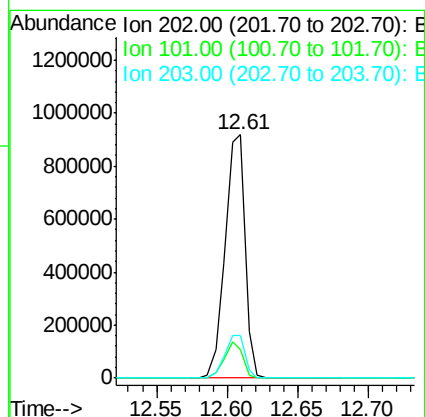
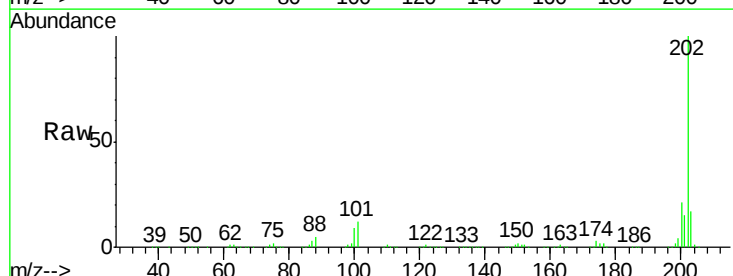
Instrument :
BNA_F
ClientSampleId :

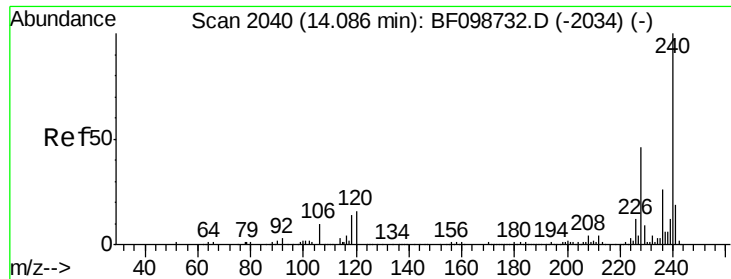
Tot Ion:149 Resp: 1009708
Ion Ratio Lower Upper
149 100
150 9.1 7.8 11.6
104 4.3 3.8 5.8



#74
Fluoranthene
Concen: 42.81 ng
RT: 12.61 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion:202 Resp: 898970
Ion Ratio Lower Upper
202 100
101 12.0 0.0 34.1
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

ClientSampleId :

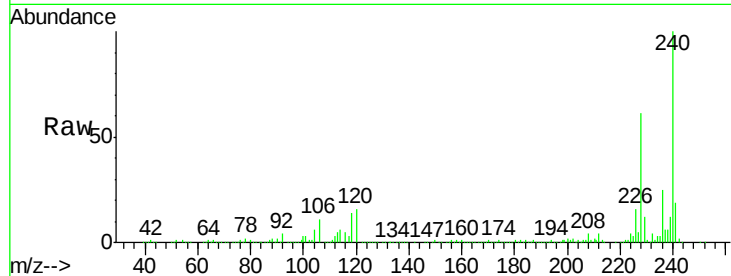
Tot Ion:240 Resp: 288667

Ion Ratio Lower Upper

240 100

120 15.9 9.5 14.3#

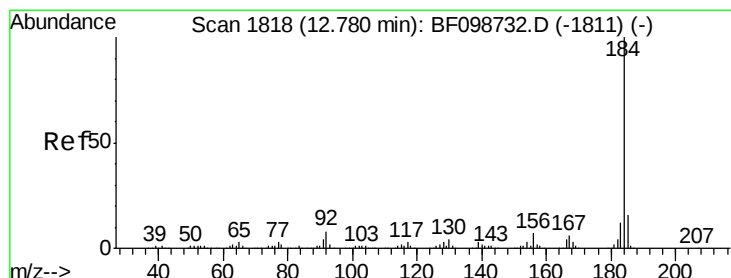
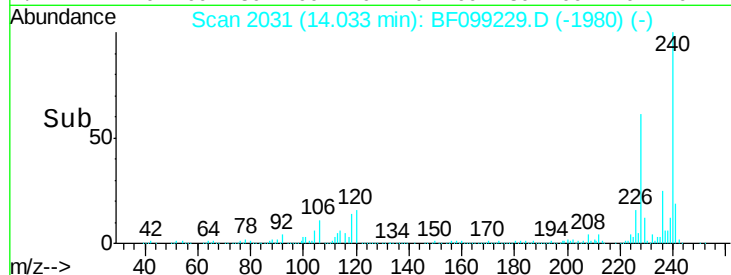
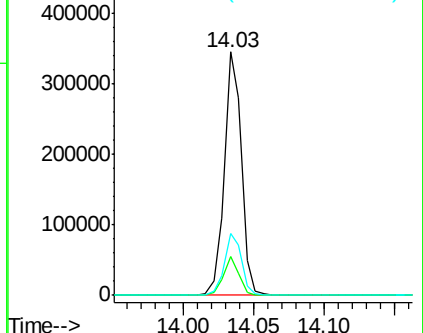
236 25.2 20.7 31.1



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: 44.25 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

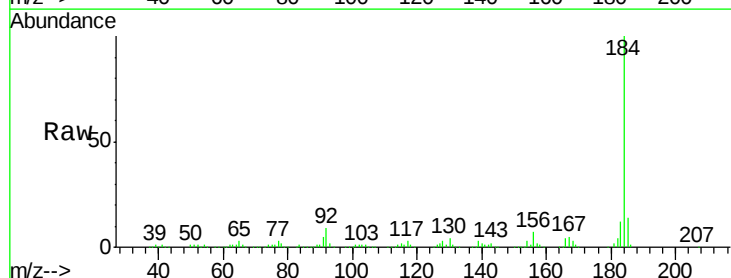
Tgt Ion:184 Resp: 472492

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

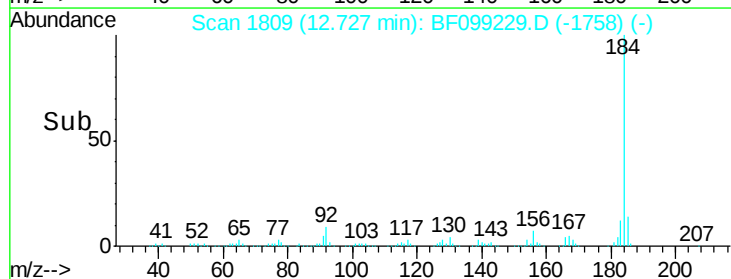
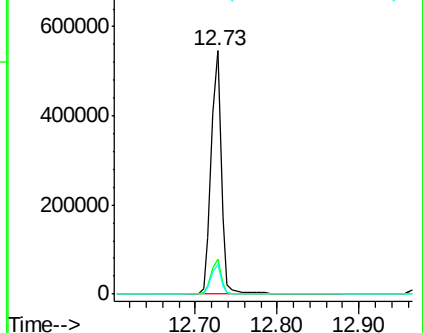
183 12.1 9.3 13.9

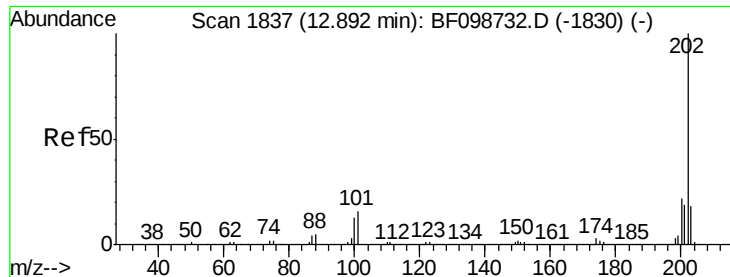


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

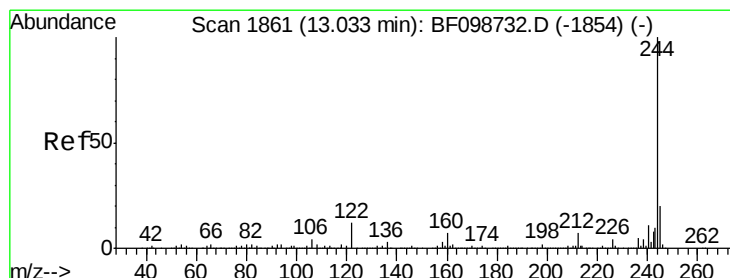
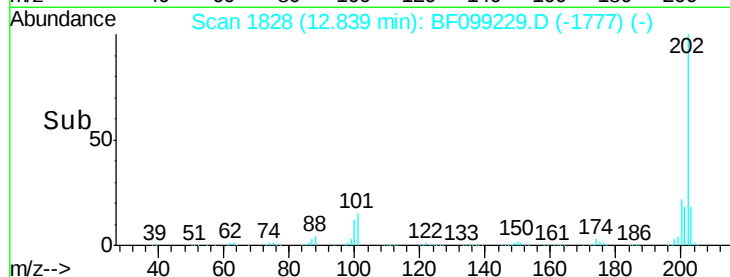
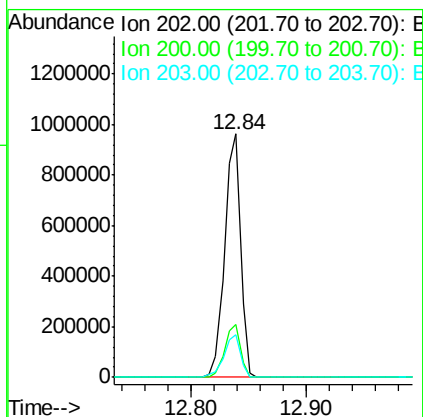
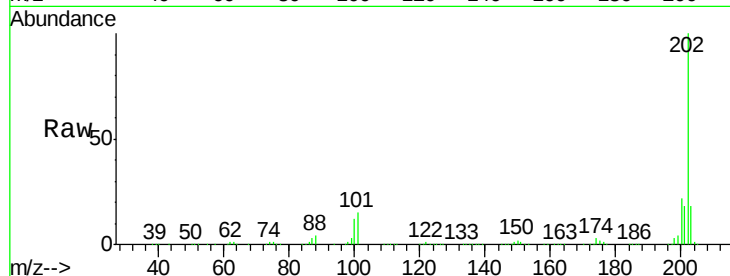




#77
 Pvrene
 Concen: 41.72 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

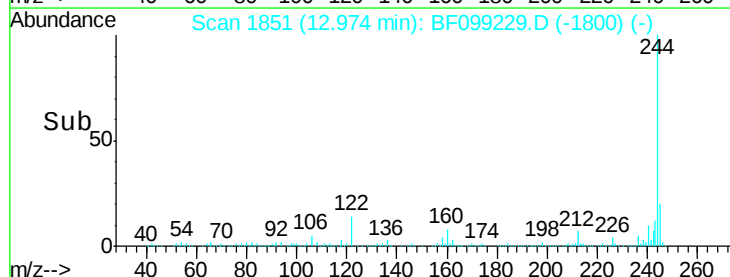
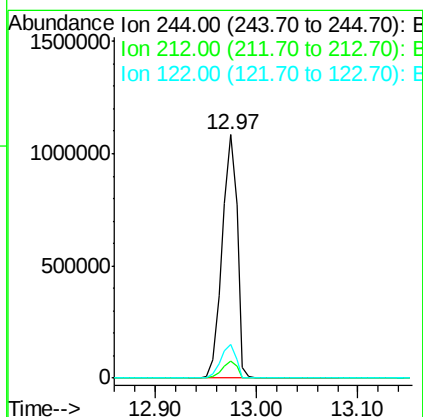
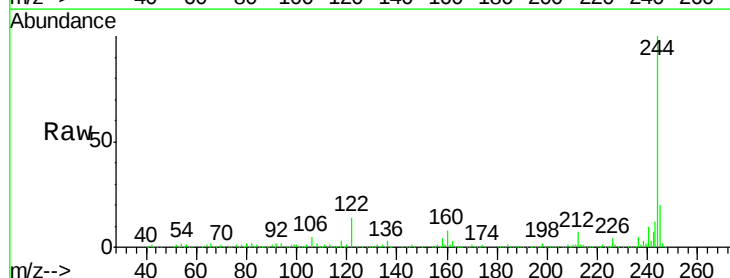
Instrument :
 BNA_F
 ClientSampleId :

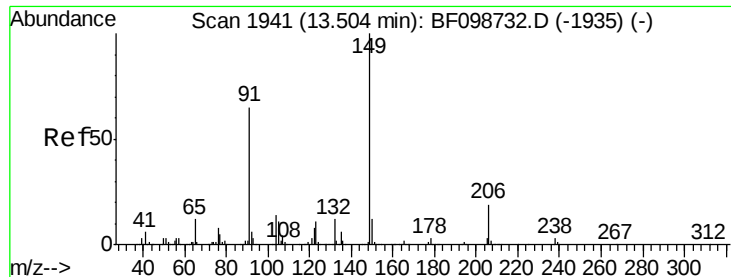
Tot Ion:202 Resp: 918381
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.4 26.2
 203 17.8 14.3 21.5



#78
 Terphenyl-d14
 Concen: 87.83 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Tgt Ion:244 Resp: 1114835
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.7 11.0 16.4

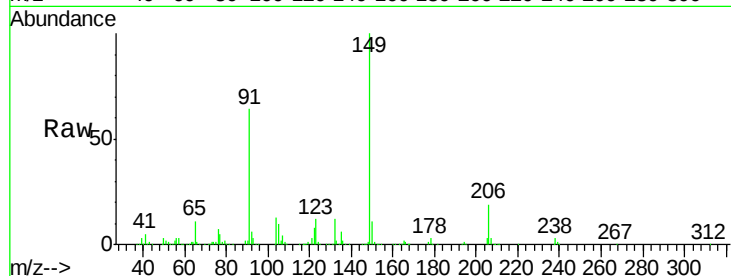




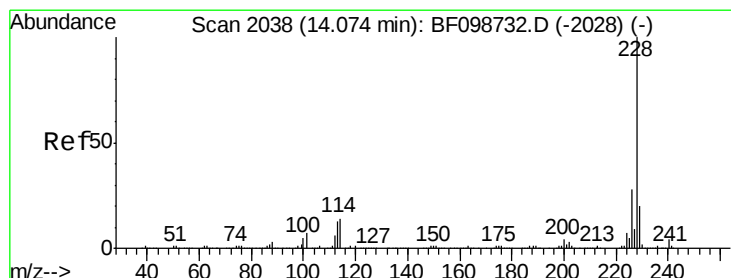
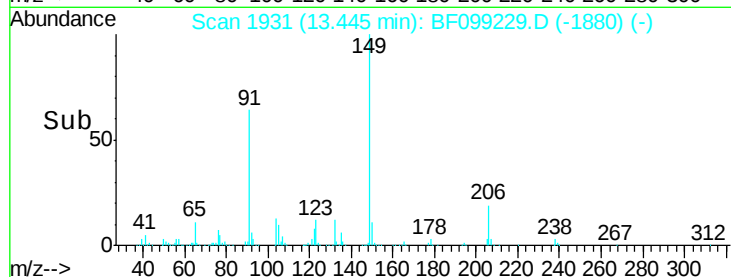
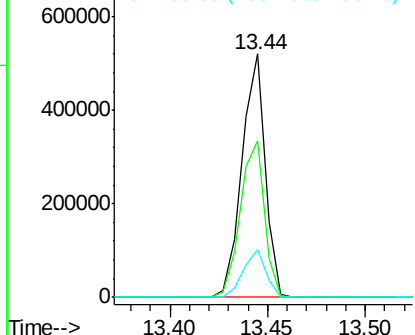
#79
Butylbenzylphthalate
Concen: 41.48 ng
RT: 13.44 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 429124
Ion Ratio Lower Upper
149 100
91 64.3 56.8 85.2
206 19.4 14.1 21.1

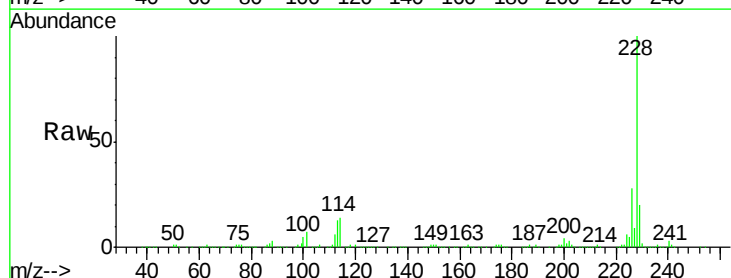


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

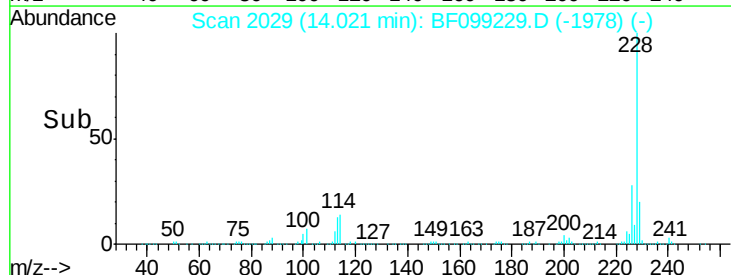
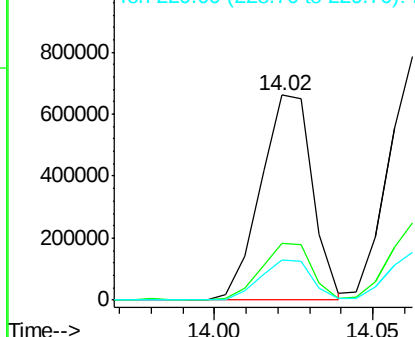


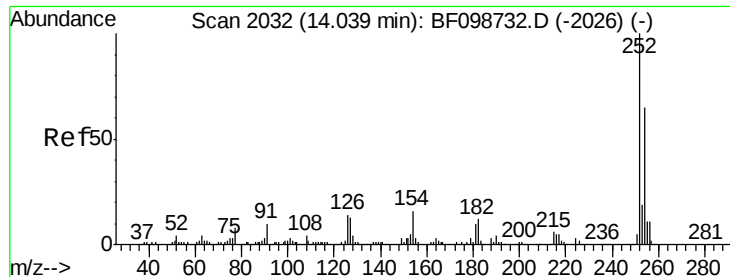
#80
Benzo(a)anthracene
Concen: 42.77 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion:228 Resp: 747609
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 19.9 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

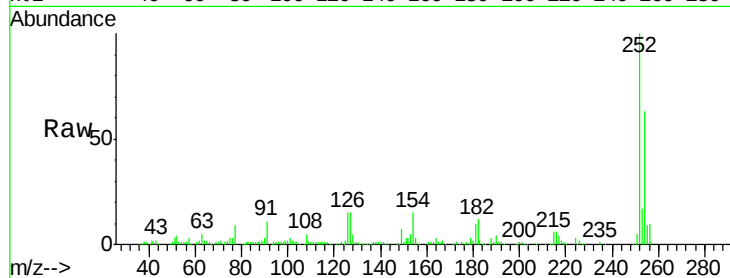




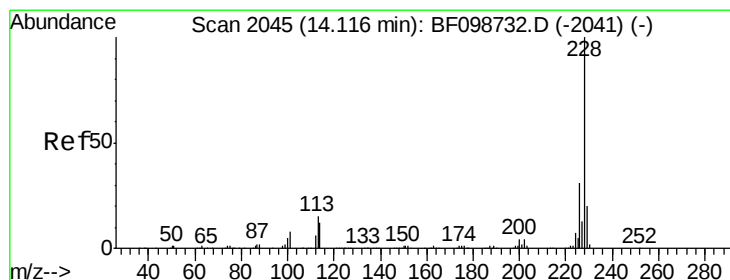
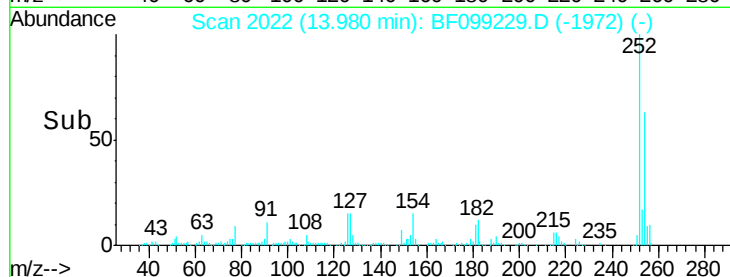
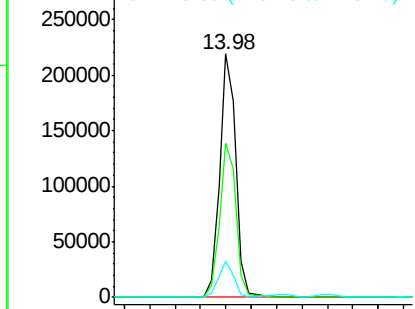
#81
 3,3'-Dichlorobenzidine
 Concen: 30.73 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 196886
 Ion Ratio Lower Upper
 252 100
 254 63.0 50.4 75.6
 126 15.0 11.3 16.9

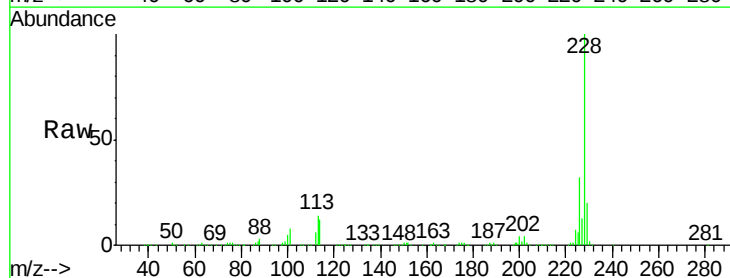


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

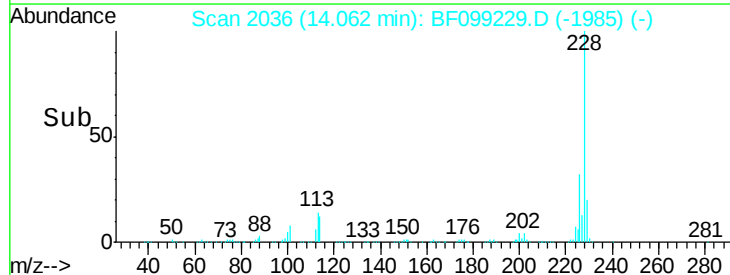
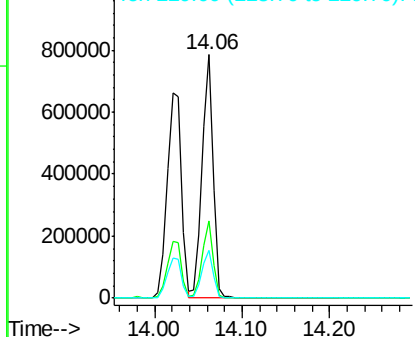


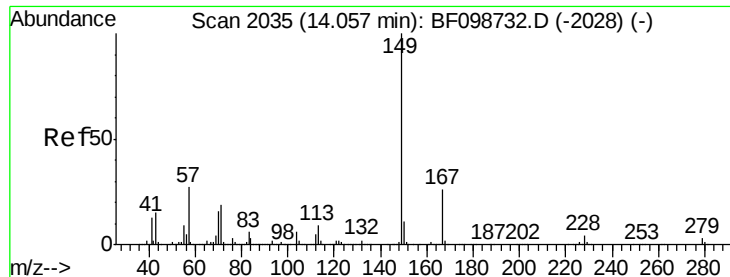
#82
 Chrysene
 Concen: 41.96 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Tgt Ion:228 Resp: 698186
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.0 37.6
 229 19.7 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.75 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

ClientSampleId :

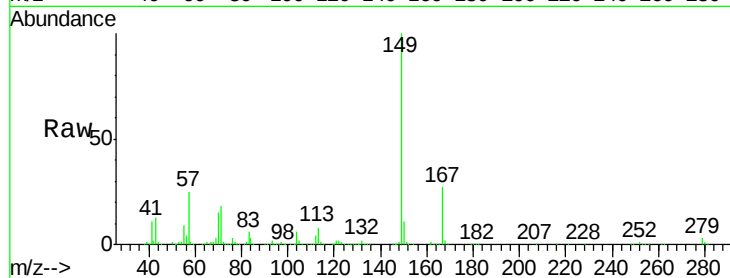
Tot Ion:149 Resp: 580410

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

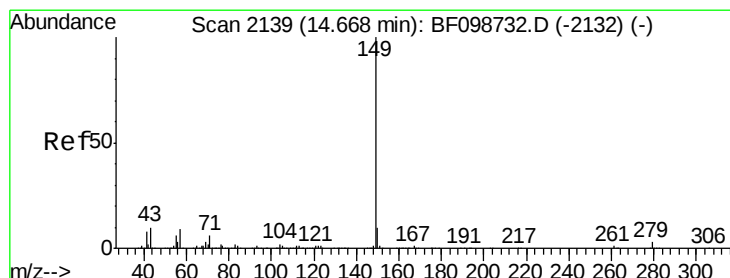
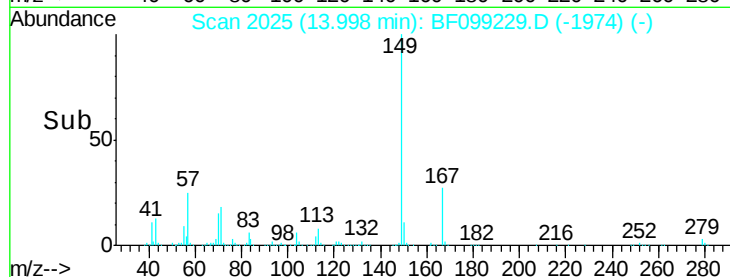
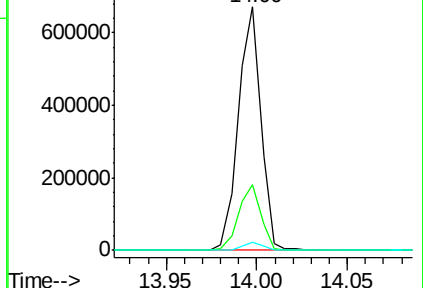
279 3.2 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.03 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

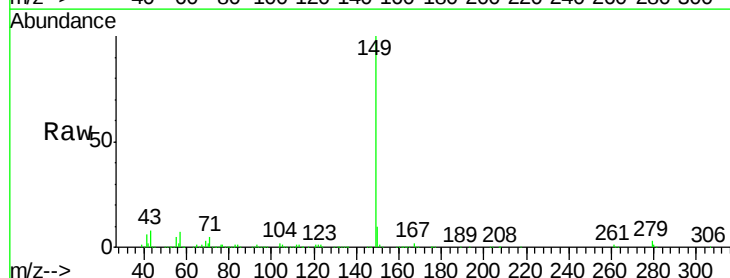
Tgt Ion:149 Resp: 895282

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

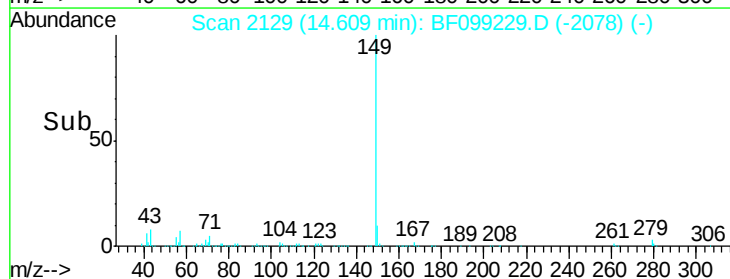
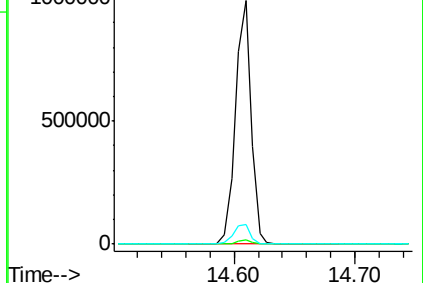
43 8.5 8.4 12.6

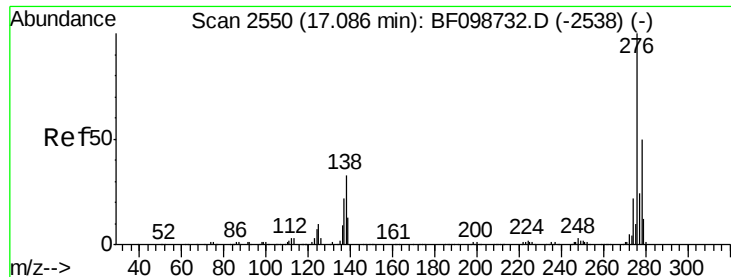


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.01 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

ClientSampleId :

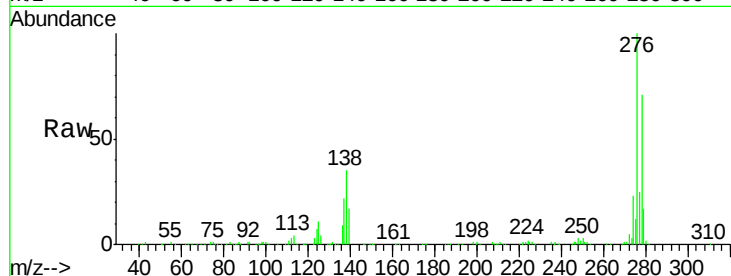
Tot Ion:276 Resp: 492632

Ion Ratio Lower Upper

276 100

138 34.8 25.0 37.6

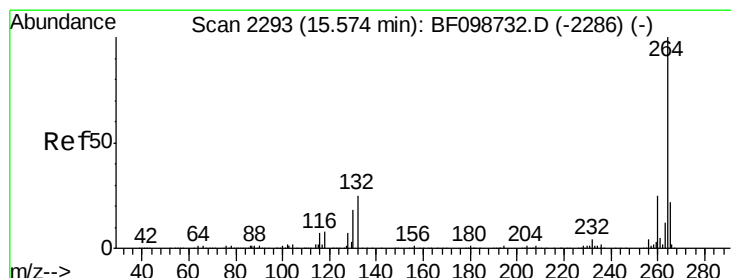
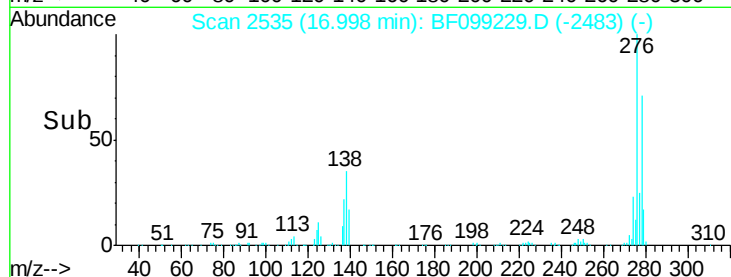
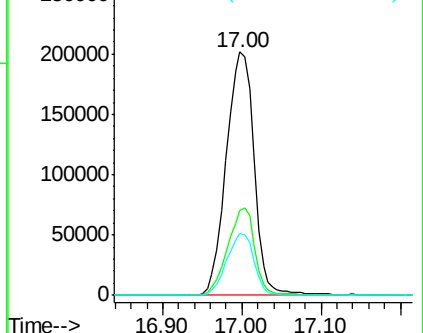
277 25.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

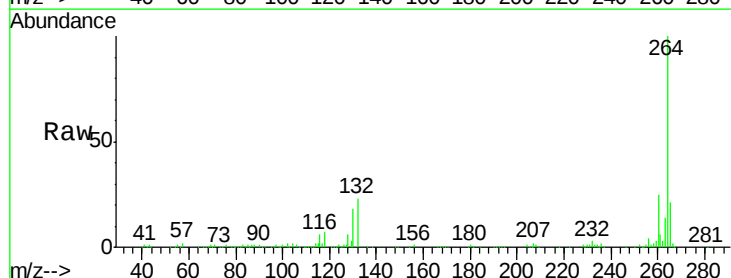
Tgt Ion:264 Resp: 221975

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

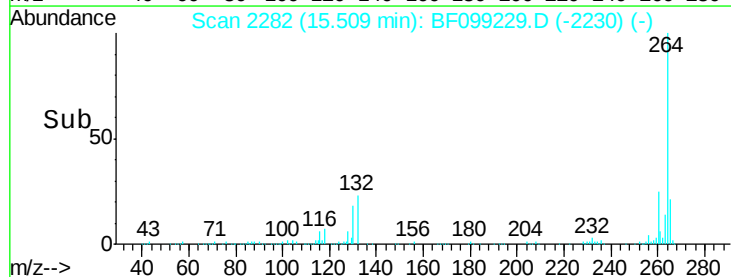
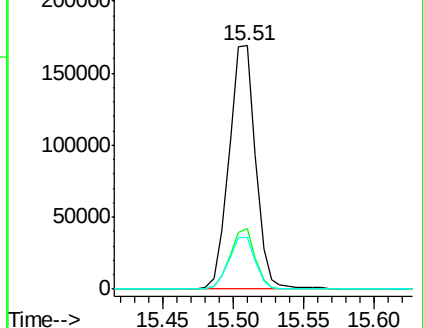
265 21.2 17.5 26.3



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: 40.96 ng

RT: 15.11 min Scan# 2214

Delta R.T. 0.04 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

ClientSampleId :

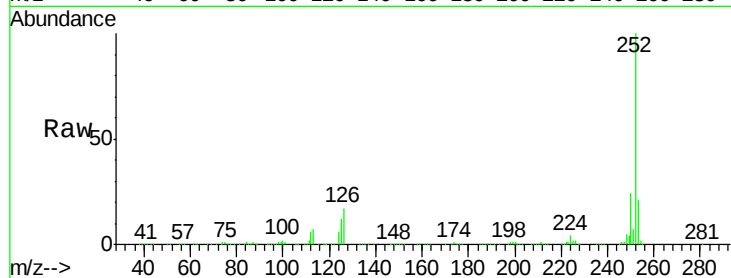
Tot Ion:252 Resp: 559009

Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.6

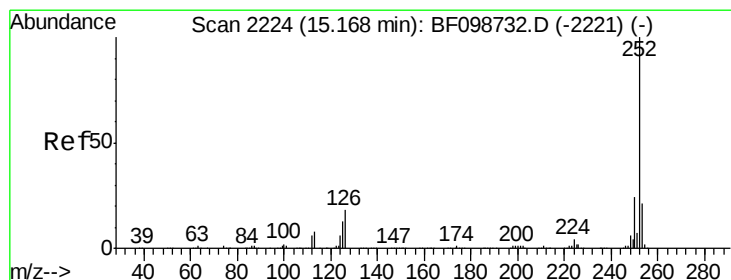
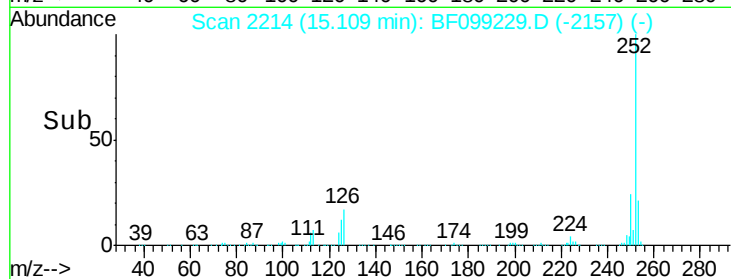
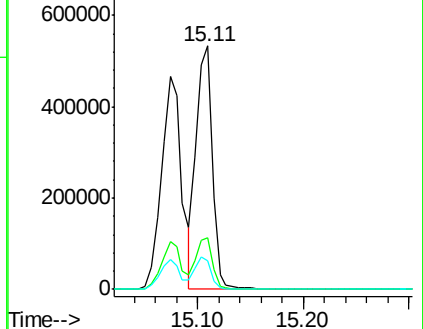
125 11.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.47 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

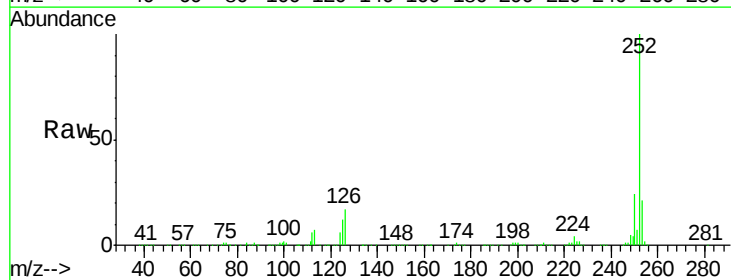
Tgt Ion:252 Resp: 559009

Ion Ratio Lower Upper

252 100

253 21.3 17.9 26.9

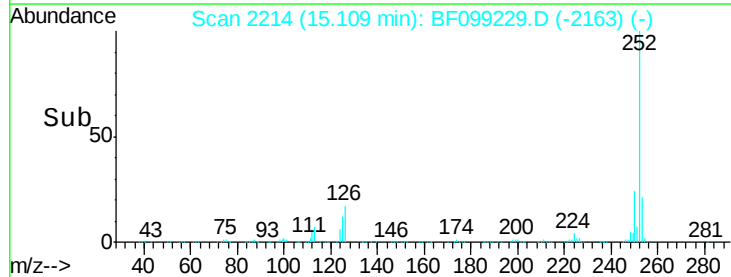
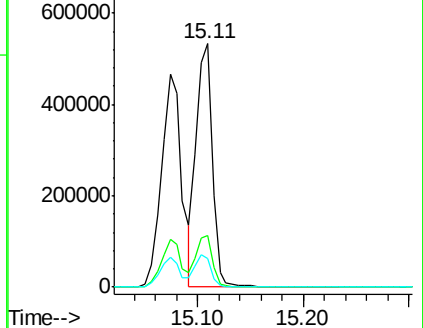
125 11.9 10.2 15.2

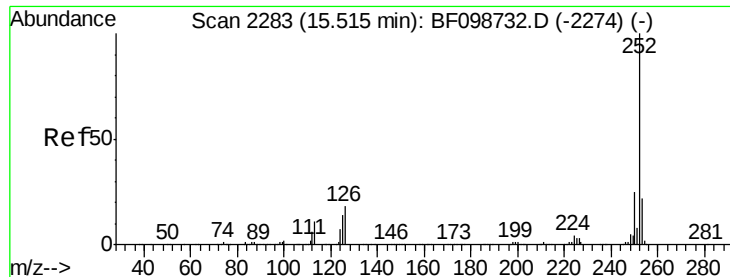


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

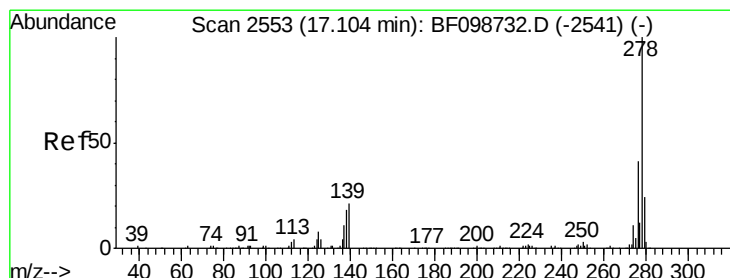
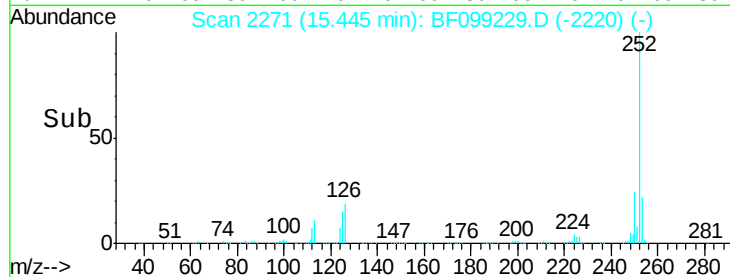
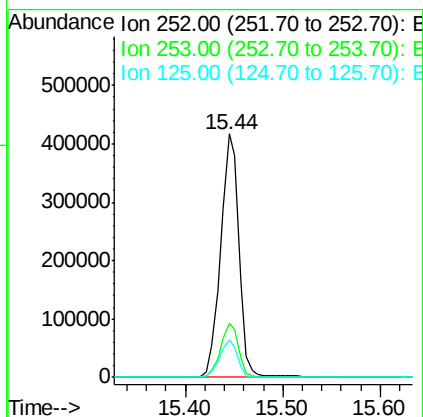
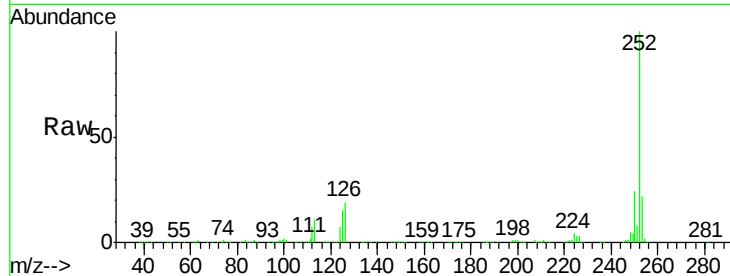




#89
Benzo(a)pyrene
Concen: 43.40 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

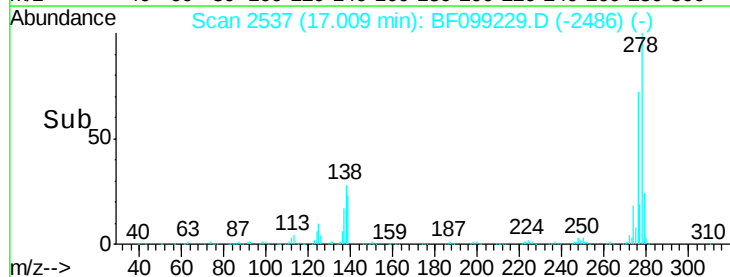
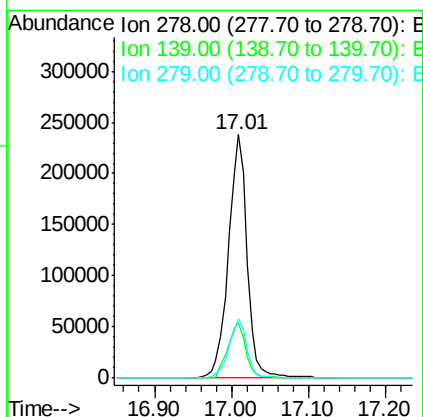
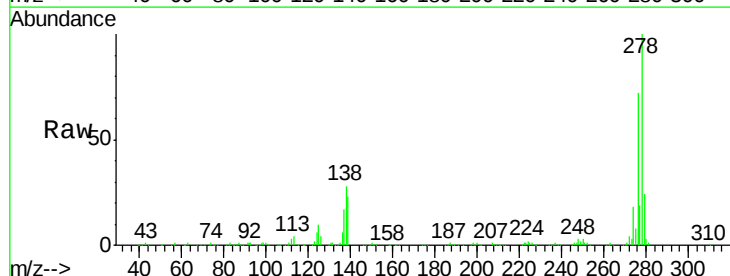
Instrument :
BNA_F
ClientSampleId :

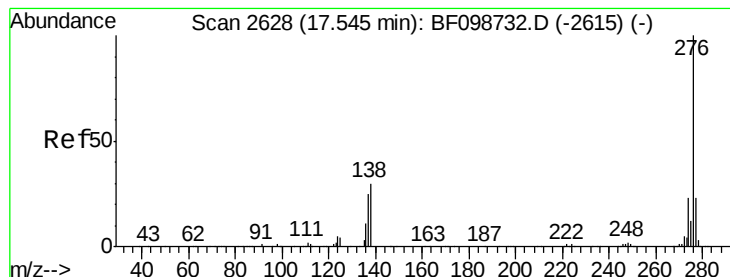
Tot Ion:252 Resp: 543748
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 15.4 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 40.41 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion:278 Resp: 405155
Ion Ratio Lower Upper
278 100
139 23.0 15.9 23.9
279 24.2 19.0 28.4

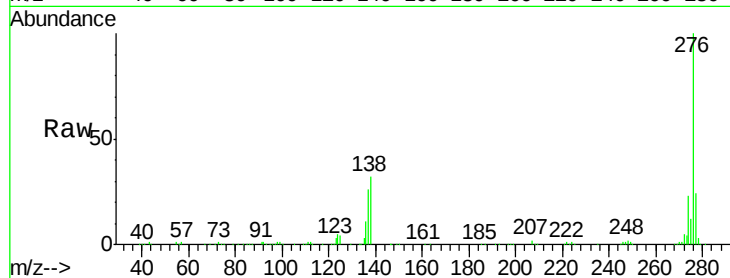




#91
 Benzo(a,h,i)perylene
 Concen: 42.40 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. 0.01 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	31.5	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

