

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
 Data File : BF103091.D
 Acq On : 19 Feb 2018 19:11
 Operator : SJ/JU
 Sample : PB106657BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 00:17:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	176320	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	718043	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	313488	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	499293	20.00	ng	0.00
75) Chrysene-d12	14.05	240	273743	20.00	ng	0.00
86) Perylene-d12	15.54	264	306957	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1309645	112.80	ng	0.02
7) Phenol-d6	6.52	99	1588247	113.61	ng	0.01
23) Nitrobenzene-d5	7.45	82	1034108	99.91	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	307122	121.72	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1571885	83.20	ng	0.00
78) Terphenyl-d14	12.99	244	1163085	100.60	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.75	88	207245	36.14	ng	87
3) Pyridine	3.52	79	602310	38.02	ng	90
4) n-Nitrosodimethylamine	3.47	42	286293	42.23	ng	100
6) Aniline	6.55	93	439670	21.30	ng	95
8) 2-Chlorophenol	6.67	128	491684	41.14	ng	97
9) Benzaldehyde	6.43	77	89232	8.60	ng	98
10) Phenol	6.53	94	604792	40.37	ng	89
11) bis(2-Chloroethyl)ether	6.62	93	487630	39.12	ng	93
12) 1,3-Dichlorobenzene	6.82	146	518192	37.44	ng	96
13) 1,4-Dichlorobenzene	6.89	146	517554	37.54	ng	99
14) 1,2-Dichlorobenzene	7.05	146	476532	37.11	ng	98
15) Benzyl Alcohol	7.02	79	421945	39.26	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	835494	35.28	ng	99
17) 2-Methylphenol	7.13	107	428891	38.90	ng	98
18) Hexachloroethane	7.39	117	189061	39.99	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	324355	35.19	ng	97
20) 3+4-Methylphenols	7.29	107	481789	35.44	ng	# 67
22) Acetophenone	7.29	105	637986	36.31	ng	# 89
24) Nitrobenzene	7.46	77	537049	44.11	ng	97
25) Isophorone	7.70	82	986708	41.40	ng	99
26) 2-Nitrophenol	7.78	139	284504	55.27	ng	94
27) 2,4-Dimethylphenol	7.82	122	442769	43.97	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	612883	43.41	ng	99
29) 2,4-Dichlorophenol	8.02	162	406699	44.43	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	398635	38.49	ng	99
31) Naphthalene	8.19	128	1355179	38.63	ng	99
32) Benzoic acid	7.95	122	301603	43.95	ng	96
33) 4-Chloroaniline	8.23	127	118054	7.81	ng	99
34) Hexachlorobutadiene	8.29	225	200068	37.70	ng	99
35) Caprolactam	8.64	113	29572	9.30	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	451483	43.90	ng	98
37) 2-Methylnaphthalene	8.87	142	903958	39.36	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	351293	41.16	ng	99
40) Hexachlorocyclopentadiene	9.02	237	168517	41.53	ng	100

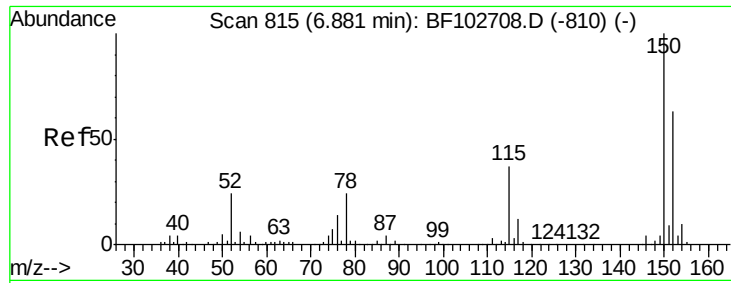
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	250501	44.68	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	268809	42.54	nq	96
45) 1,1'-Biphenyl	9.34	154	1029451	38.99	nq	100
46) 2-Chloronaphthalene	9.37	162	827128	39.79	nq	97
47) 2-Nitroaniline	9.46	65	307470	47.94	nq	90
48) Acenaphthylene	9.78	152	1237551	38.33	nq	100
49) Dimethylphthalate	9.64	163	987087	40.38	nq	100
50) 2,6-Dinitrotoluene	9.70	165	219668	47.24	nq	96
51) Acenaphthene	9.95	154	707292	36.63	nq	98
52) 3-Nitroaniline	9.87	138	154724	27.04	nq	96
53) 2,4-Dinitrophenol	9.99	184	157930	91.58	nq	# 19
54) Dibenzofuran	10.13	168	1074303	39.48	nq	99
55) 4-Nitrophenol	10.05	139	333743	71.43	nq	94
56) 2,4-Dinitrotoluene	10.11	165	286967	46.14	nq	96
57) Fluorene	10.47	166	810882	40.96	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	192688	44.00	nq	99
59) Diethylphthalate	10.33	149	941910	39.03	nq	100
60) 4-Chlorophenyl-phenylether	10.46	204	364704	41.64	nq	100
61) 4-Nitroaniline	10.49	138	237252	43.56	nq	94
62) Azobenzene	10.62	77	942151	39.07	nq	98
64) 4,6-Dinitro-2-methylphenol	10.52	198	108493	51.06	nq	94
65) n-Nitrosodiphenylamine	10.58	169	738899	41.96	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	223754	42.36	nq	98
67) Hexachlorobenzene	11.02	284	231784	39.78	nq	97
68) Atrazine	11.10	200	222032	42.73	nq	96
69) Pentachlorophenol	11.22	266	211186	61.74	nq	99
70) Phenanthrene	11.43	178	1098900	39.52	nq	99
71) Anthracene	11.49	178	1120331	39.61	nq	99
72) Carbazole	11.64	167	1049772	37.89	nq	99
73) Di-n-butylphthalate	11.96	149	1391690	41.35	nq	100
74) Fluoranthene	12.62	202	950241	33.96	nq	99
76) Benzidine	12.74	184	425264	33.80	nq	98
77) Pyrene	12.85	202	936830	43.64	nq	100
79) Butylbenzylphthalate	13.46	149	490917	47.82	nq	98
80) Benzo(a)anthracene	14.04	228	733115	42.58	nq	100
81) 3,3'-Dichlorobenzidine	14.00	252	231583	36.28	nq	100
82) Chrysene	14.08	228	706641	40.72	nq	98
83) Bis(2-ethylhexyl)phthalate	14.02	149	664997	50.57	nq	99
84) Di-n-octyl phthalate	14.63	149	1089556	55.18	nq	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	726680	50.49	nq	98
87) Benzo(b)fluoranthene	15.10	252	783918	39.39	nq	97
88) Benzo(k)fluoranthene	15.14	252	719528	37.84	nq	98
89) Benzo(a)pyrene	15.48	252	751096	41.93	nq	96
90) Dibenzo(a,h)anthracene	17.07	278	614183	42.24	nq	98
91) Benzo(g,h,i)perylene	17.52	276	582382	40.92	nq	97

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

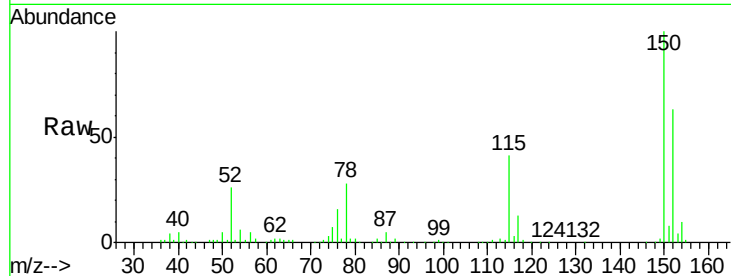


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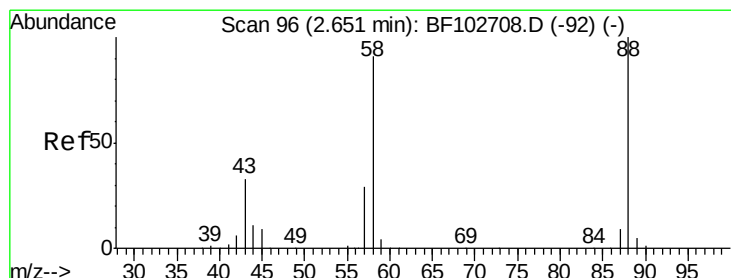
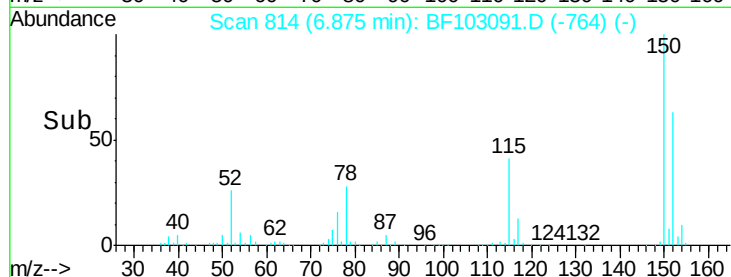
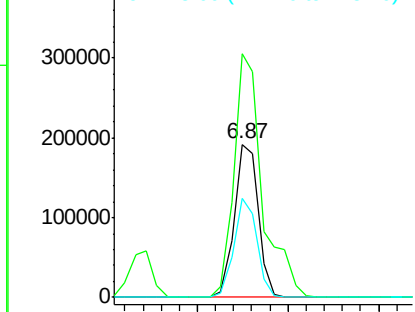
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 176320
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 64.8 50.1 75.1



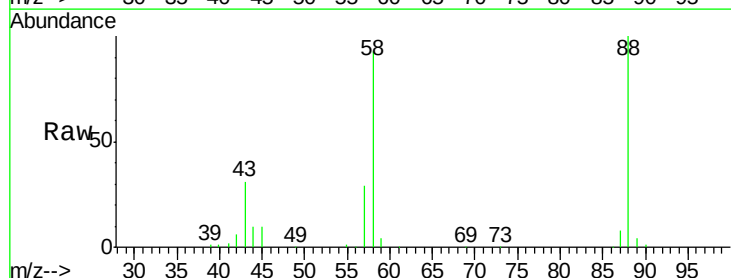
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



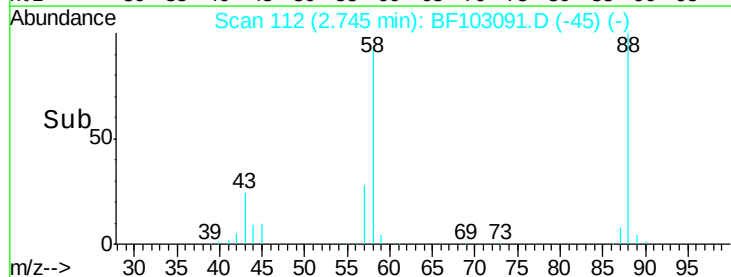
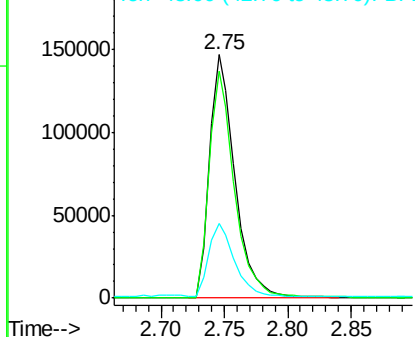
#2

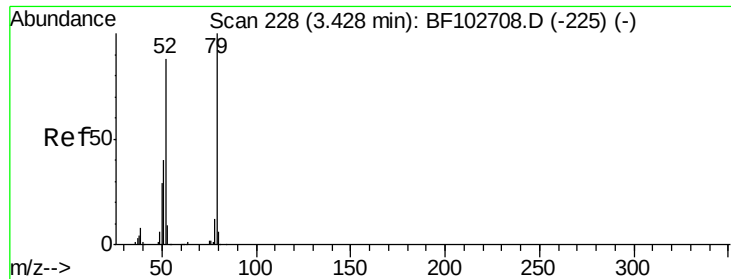
1,4-Dioxane
Concen: 36.14 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.09 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion: 88 Resp: 207245
Ion Ratio Lower Upper
88 100
58 93.6 62.6 93.8
43 30.3 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.02 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.09 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleId :

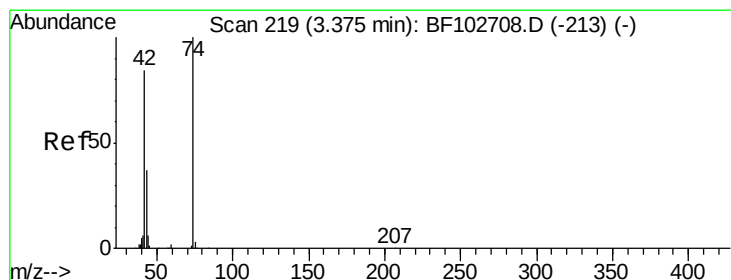
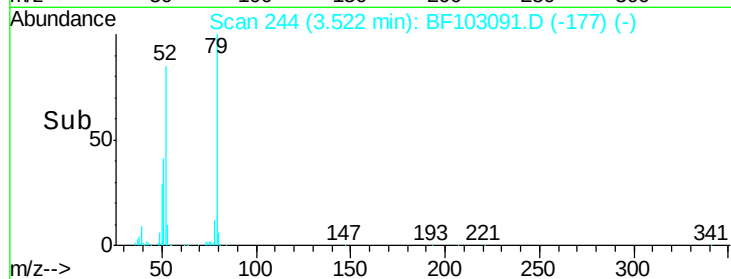
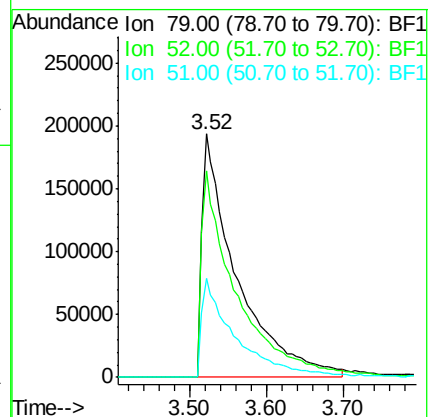
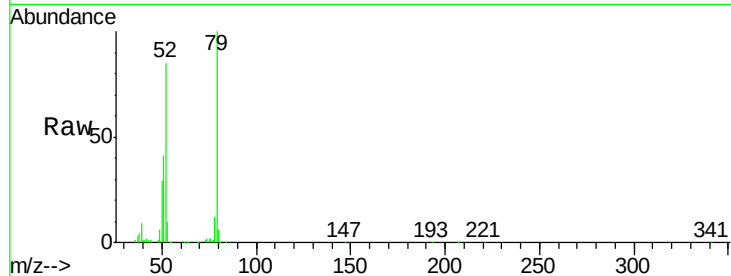
Tot Ion: 79 Resp: 602310

Ion Ratio Lower Upper

79 100

52 84.7 59.8 89.6

51 40.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 42.23 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.08 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

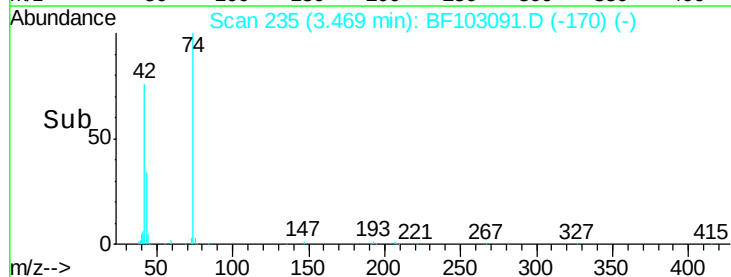
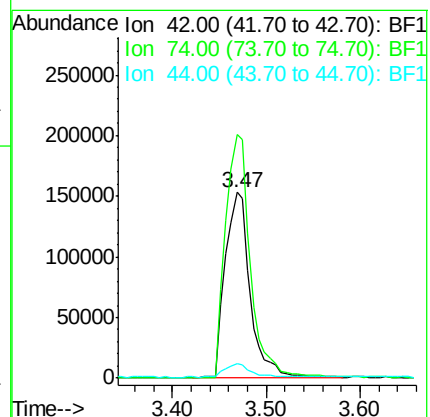
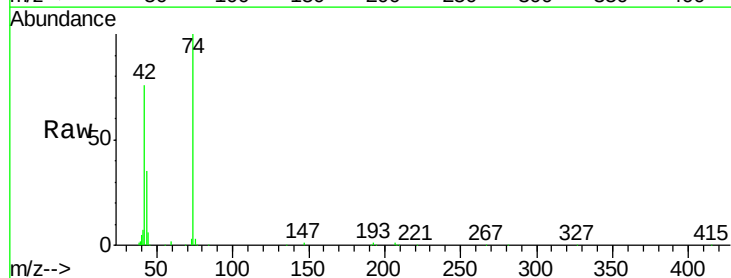
Tgt Ion: 42 Resp: 286293

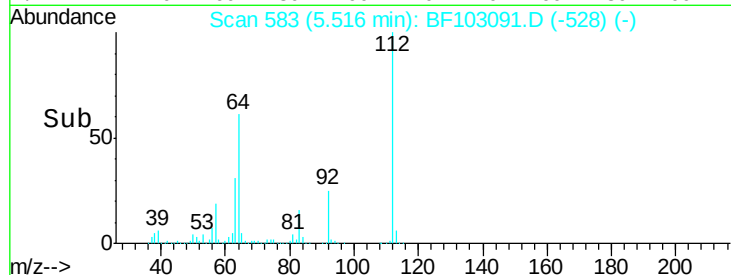
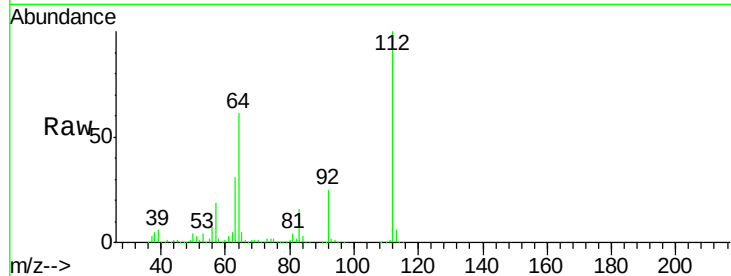
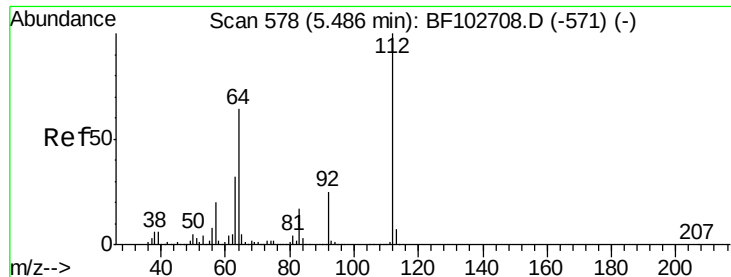
Ion Ratio Lower Upper

42 100

74 131.1 104.9 157.3

44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 112.80 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleId :

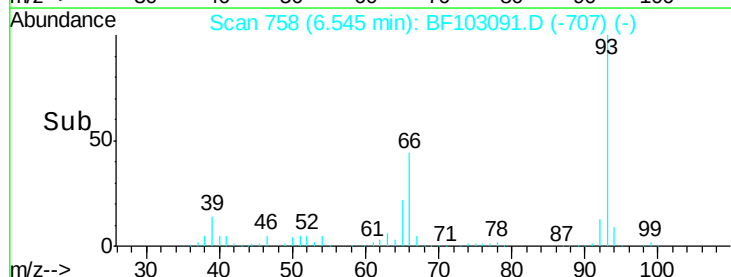
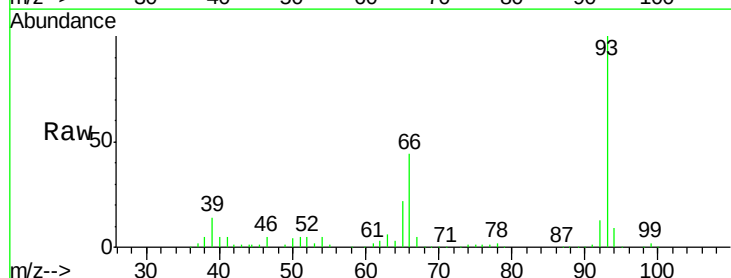
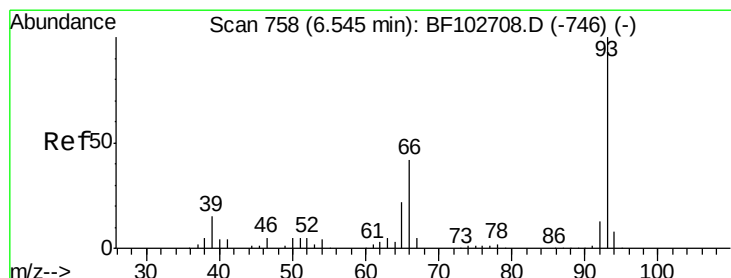
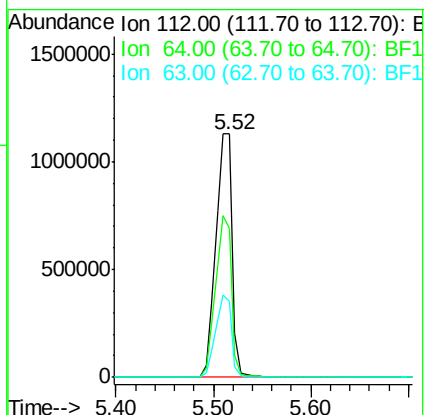
Tot Ion:112 Resp: 1309645

Ion Ratio Lower Upper

112 100

64 61.3 47.9 71.9

63 31.1 23.7 35.5



#6

Aniline

Concen: 21.30 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

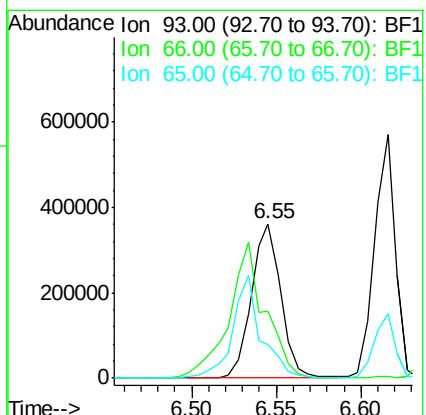
Tgt Ion: 93 Resp: 439670

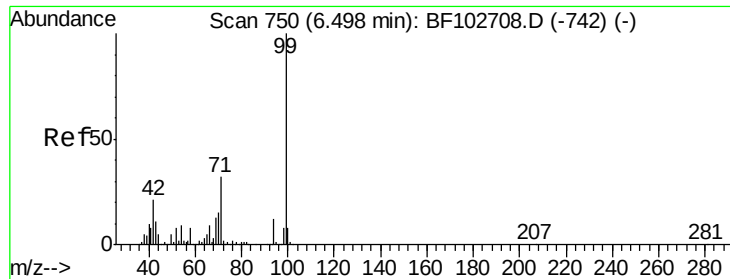
Ion Ratio Lower Upper

93 100

66 43.6 32.2 48.2

65 21.7 16.4 24.6





#7

Phenol-d6

Concen: 113.61 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

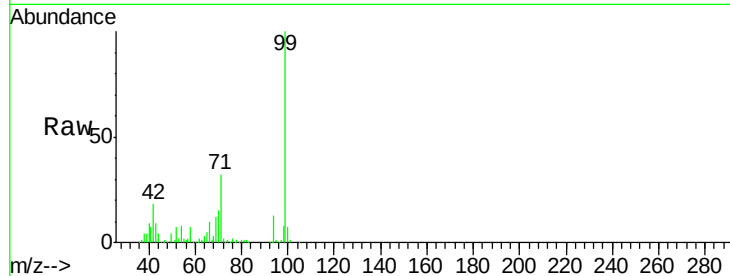
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1588247

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.5	21.7
71	32.4	25.4	38.0

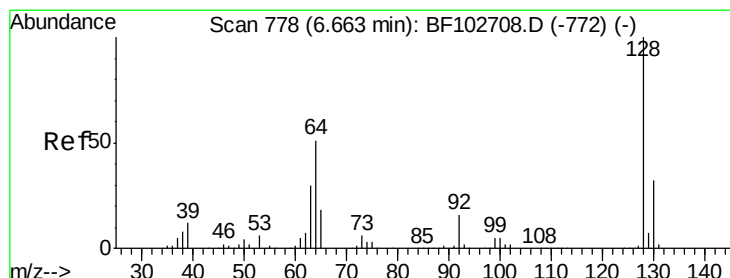
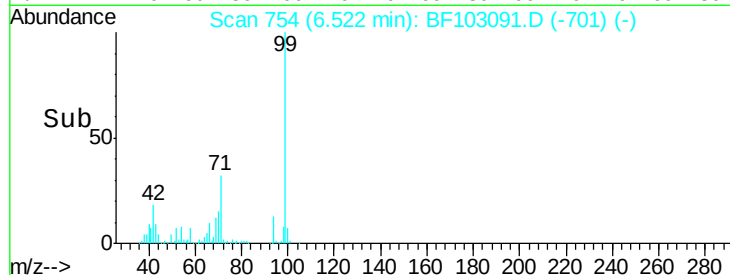
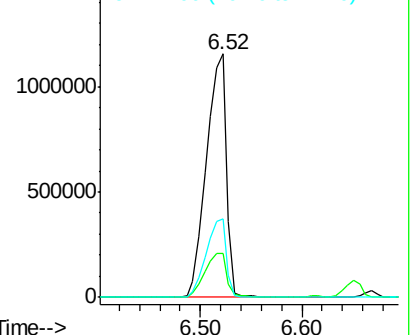


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.14 ng

RT: 6.67 min Scan# 779

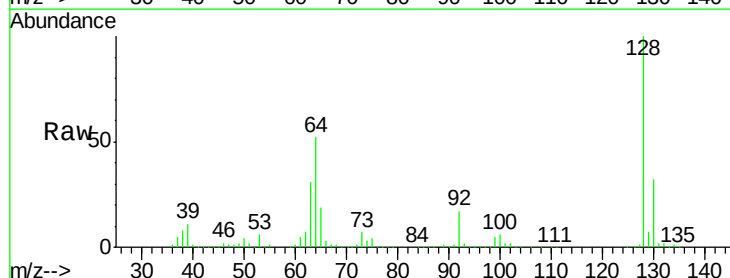
Delta R.T. 0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Tgt Ion: 128 Resp: 491684

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.0	53.0
64	52.0	29.4	69.4

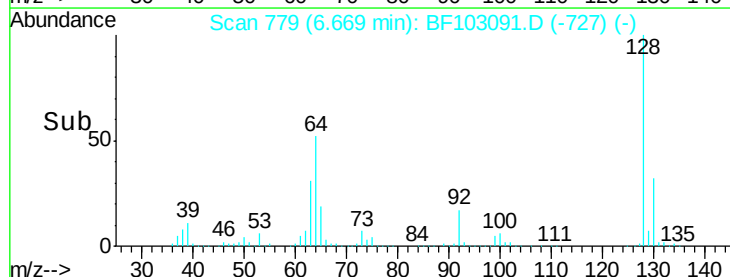
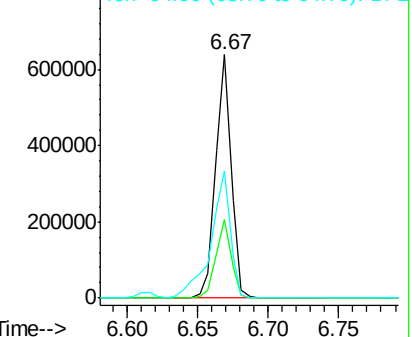


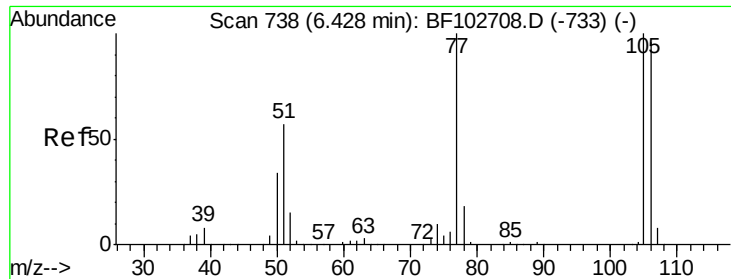
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 8.60 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleID :

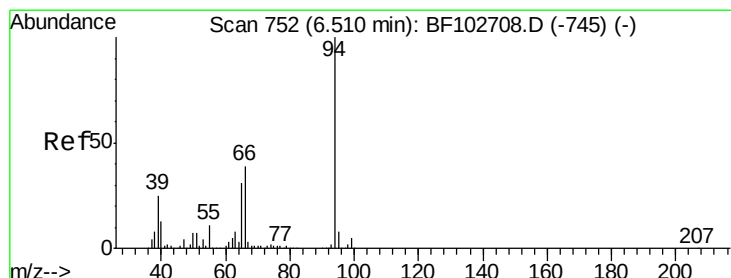
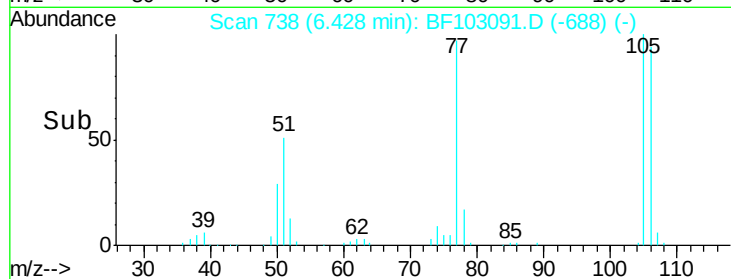
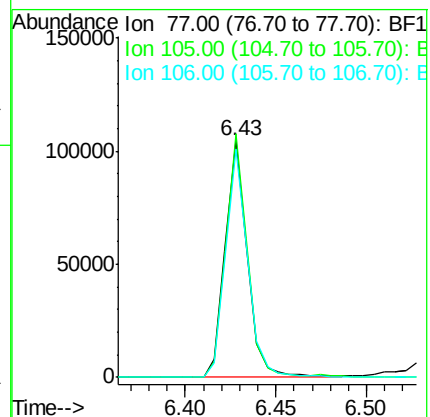
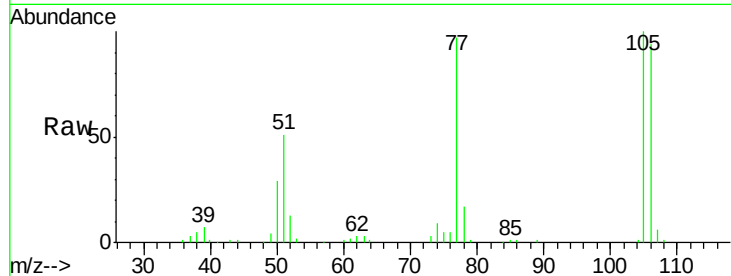
Tot Ion: 77 Resp: 89232

Ion Ratio Lower Upper

77 100

105 102.7 81.1 121.1

106 96.0 74.5 114.5



#10

Phenol

Concen: 40.37 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

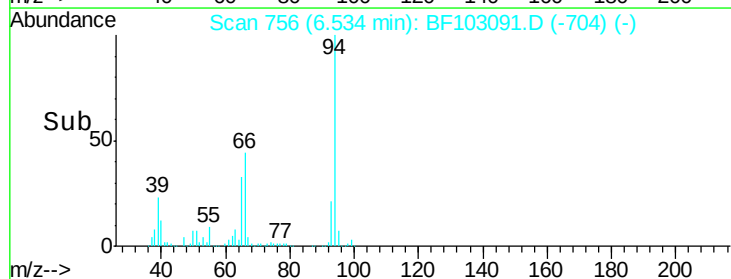
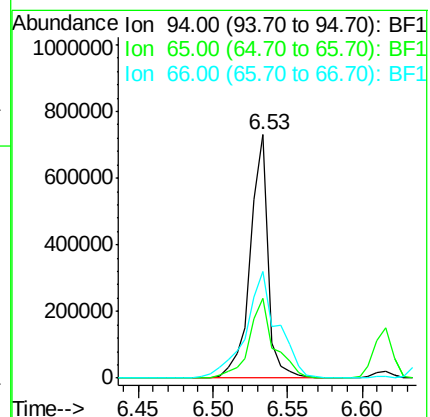
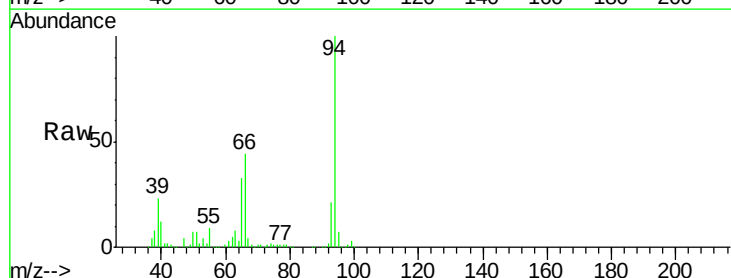
Tgt Ion: 94 Resp: 604792

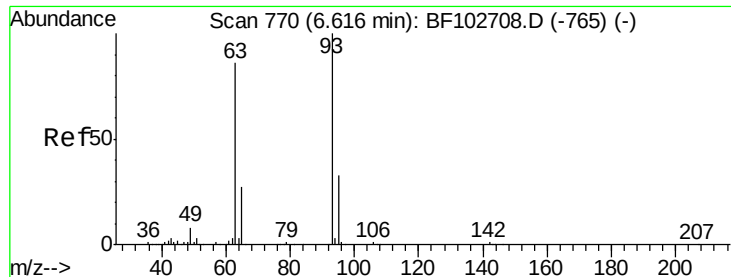
Ion Ratio Lower Upper

94 100

65 32.9 7.9 47.9

66 43.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.12 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleId :

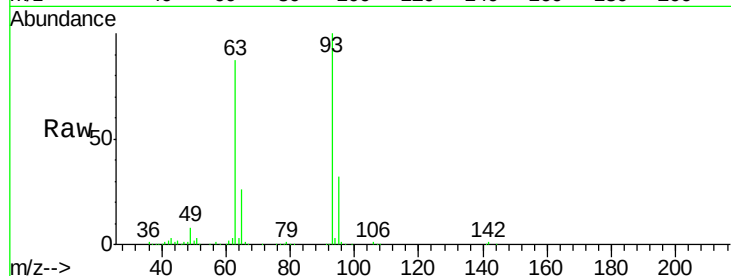
Tot Ion: 93 Resp: 487630

Ion Ratio Lower Upper

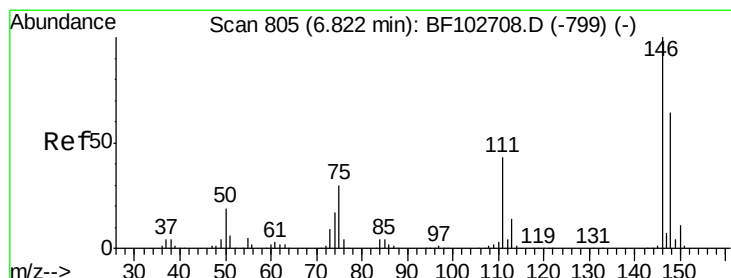
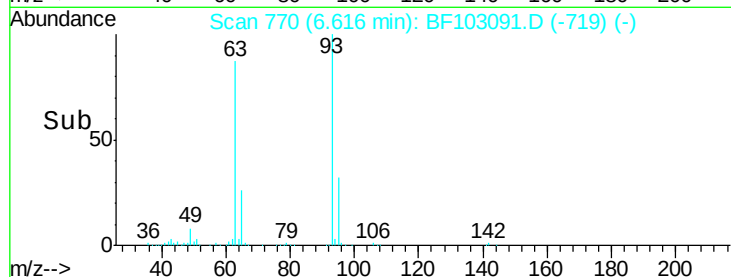
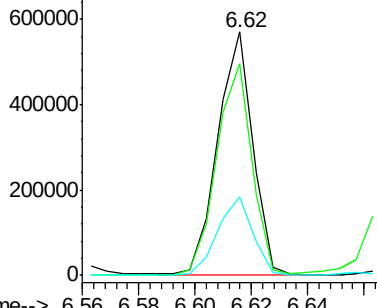
93 100

63 86.9 58.6 98.6

95 32.4 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.44 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

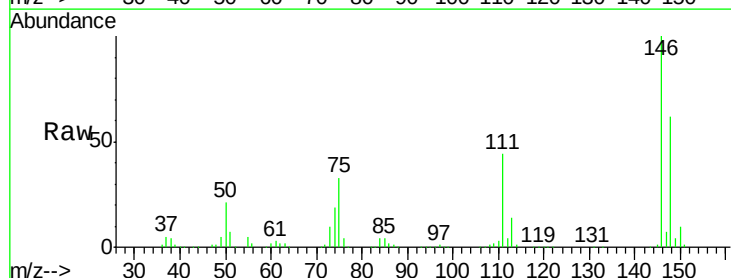
Tgt Ion: 146 Resp: 518192

Ion Ratio Lower Upper

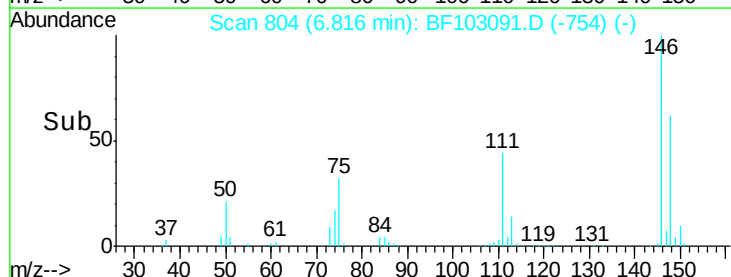
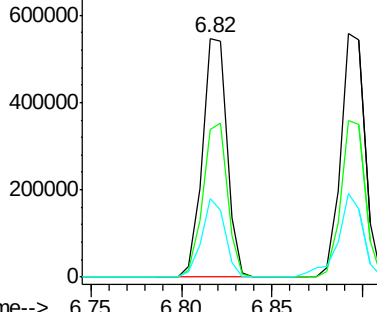
146 100

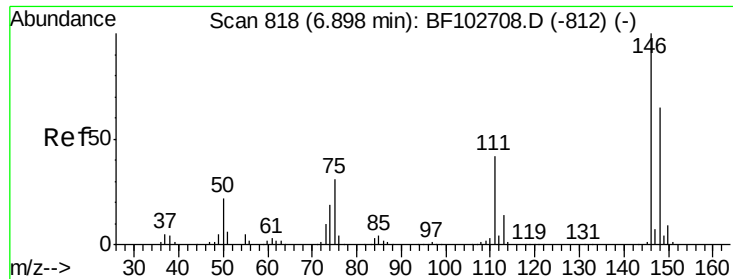
148 62.0 51.8 77.8

75 32.6 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

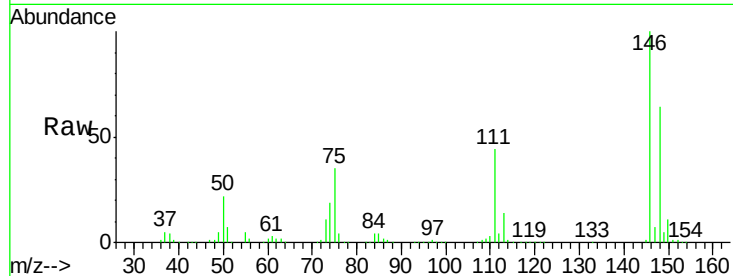




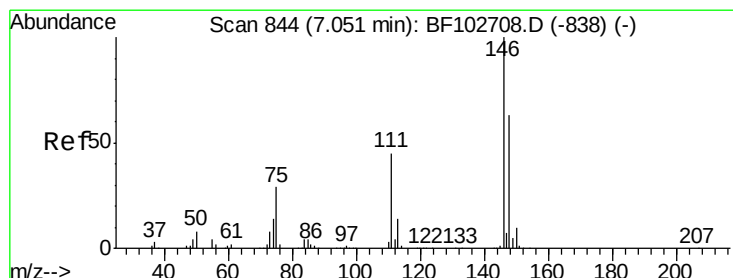
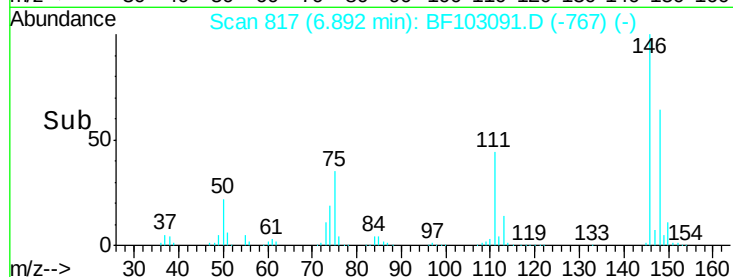
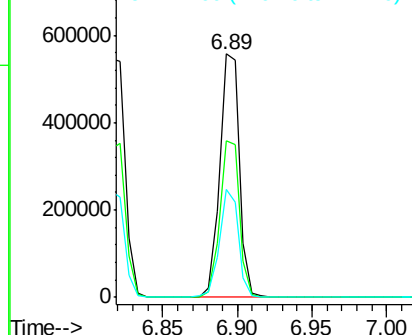
#13
 1,4-Dichlorobenzene
 Concen: 37.54 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 517554
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 44.3 34.2 51.2

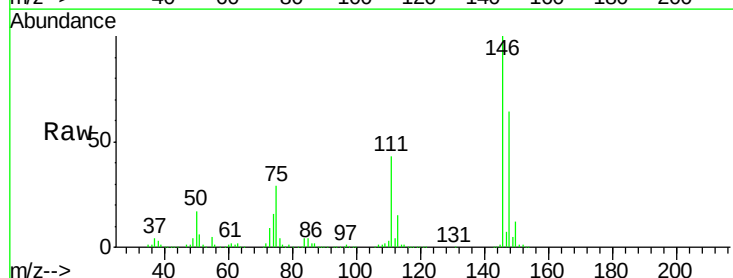


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

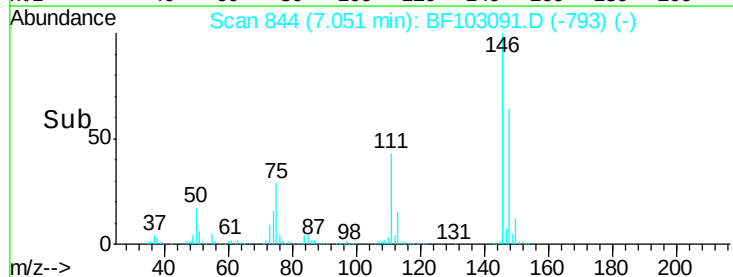
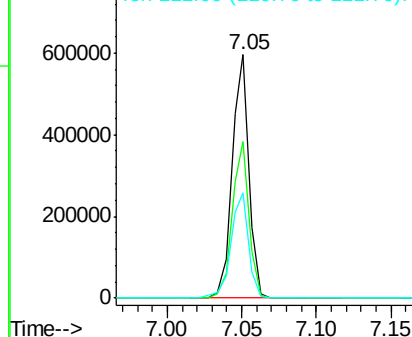


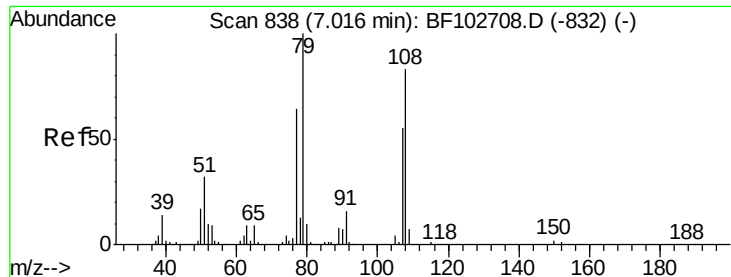
#14
 1,2-Dichlorobenzene
 Concen: 37.11 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Tgt Ion:146 Resp: 476532
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.6 75.8
 111 43.2 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 39.26 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleId :

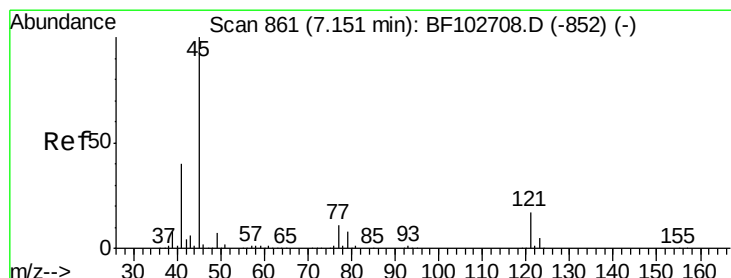
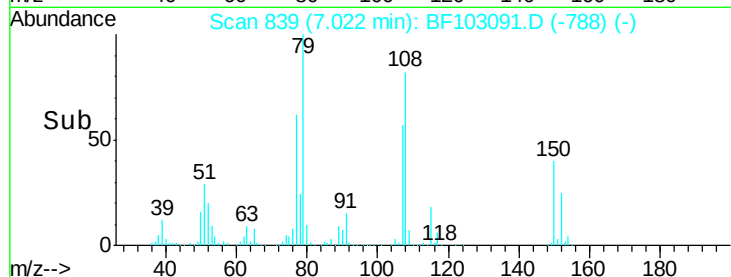
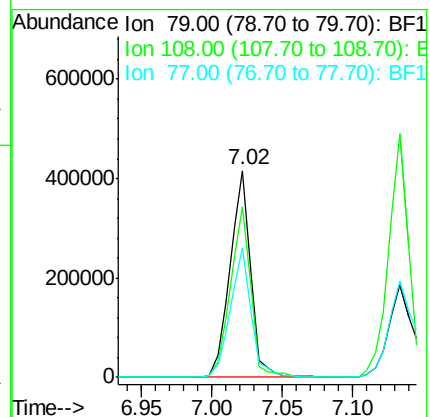
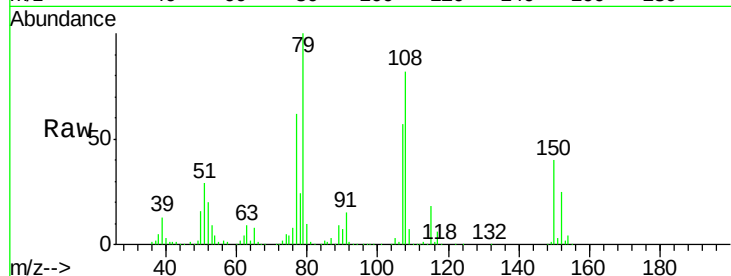
Tot Ion: 79 Resp: 421945

Ion Ratio Lower Upper

79 100

108 82.4 65.1 97.7

77 62.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.28 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

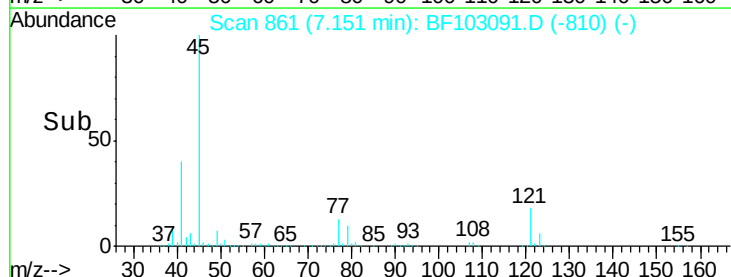
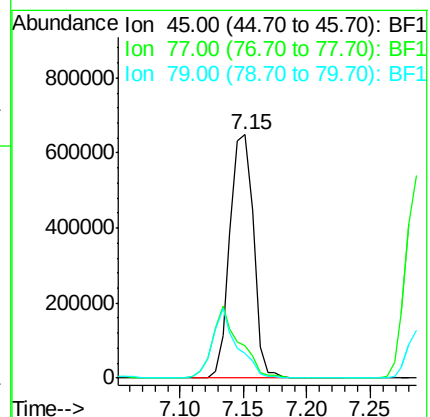
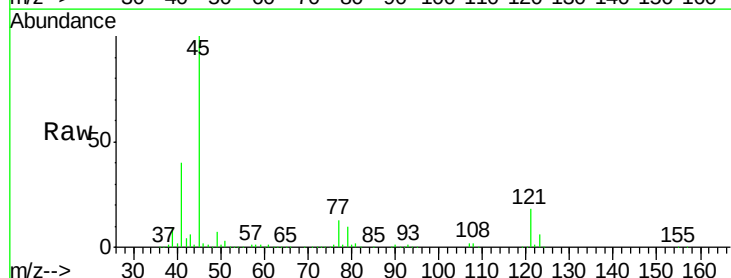
Tgt Ion: 45 Resp: 835494

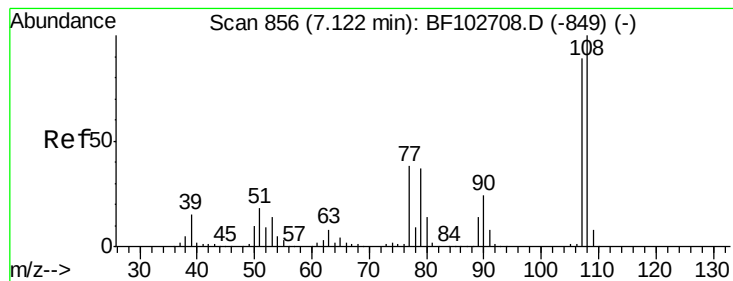
Ion Ratio Lower Upper

45 100

77 13.1 0.0 32.9

79 10.2 0.0 29.6

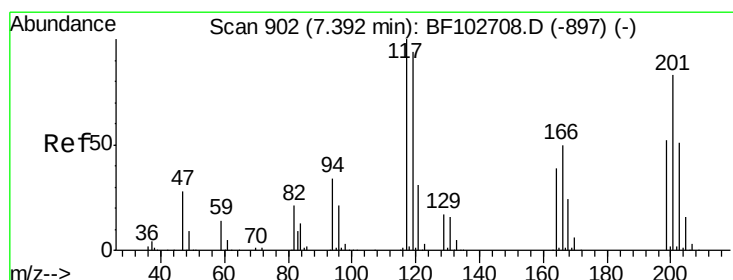
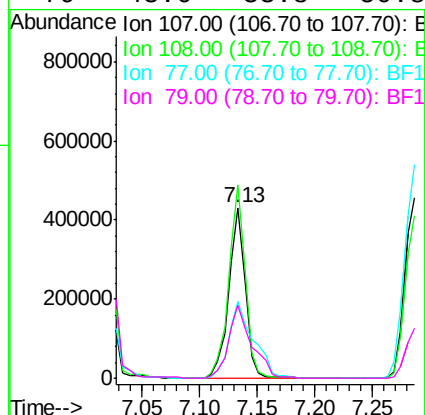
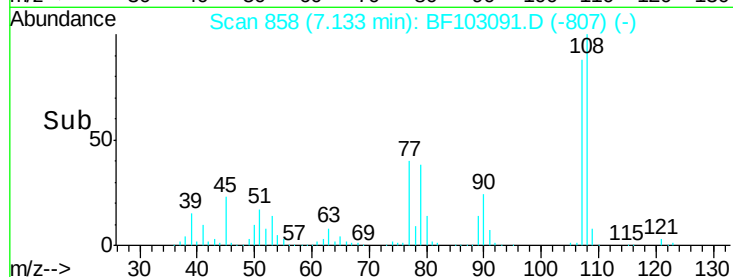
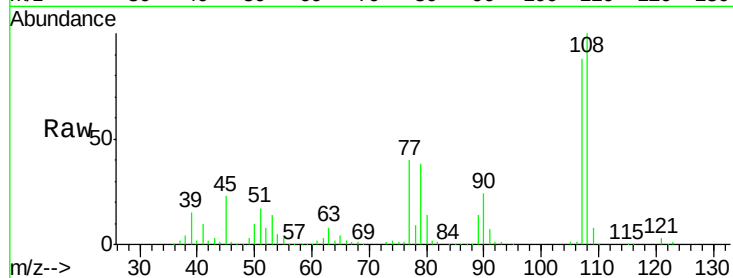




#17
2-Methylphenol
Concen: 38.90 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

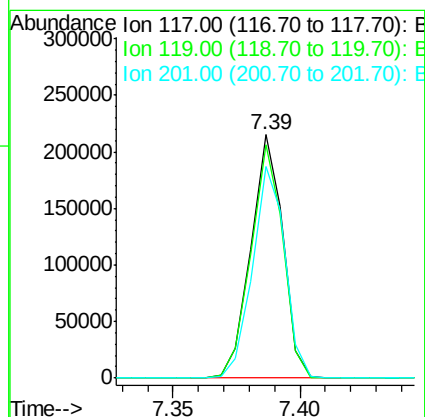
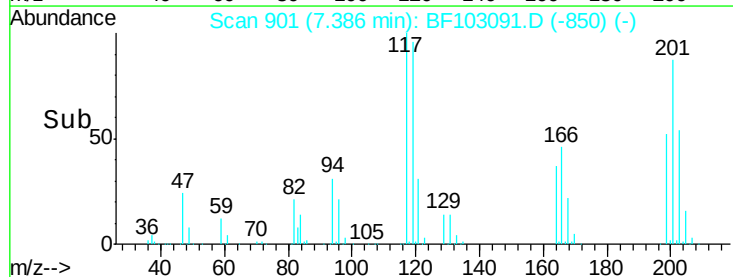
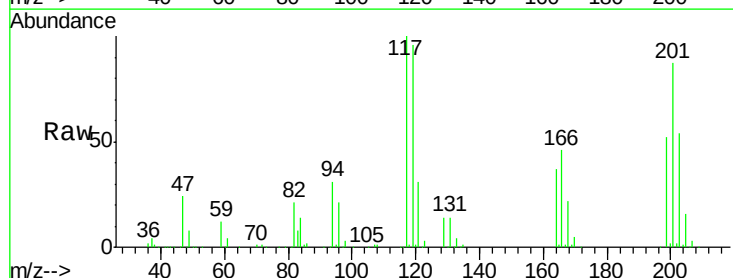
Instrument :
BNA_F
ClientSampled :

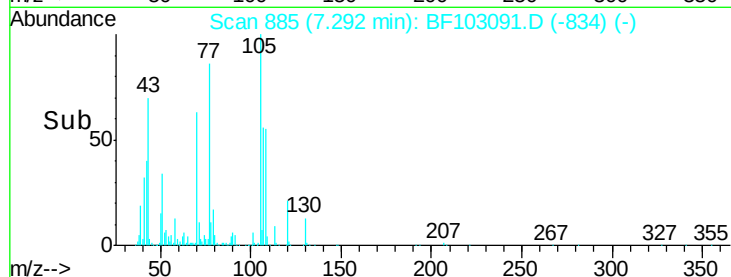
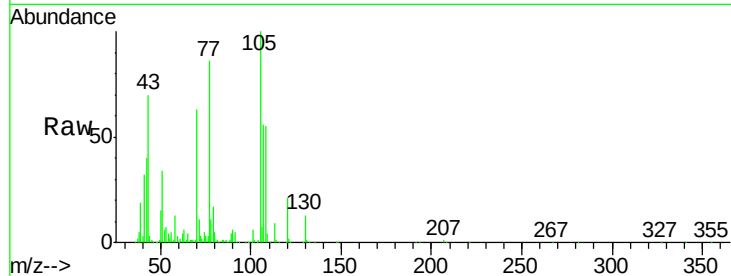
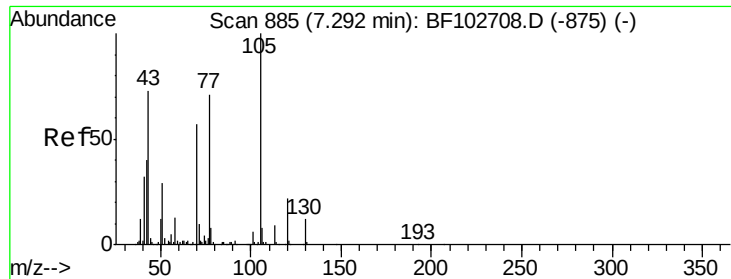
Tot Ion:107 Resp: 428891
Ion Ratio Lower Upper
107 100
108 113.4 91.7 137.5
77 44.9 33.8 50.8
79 43.0 33.8 50.8



#18
Hexachloroethane
Concen: 39.99 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion:117 Resp: 189061
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8
201 87.1 75.7 113.5

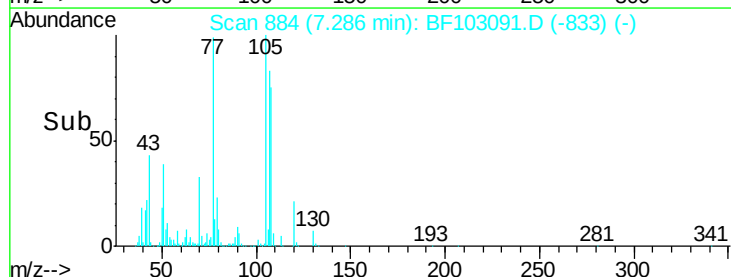
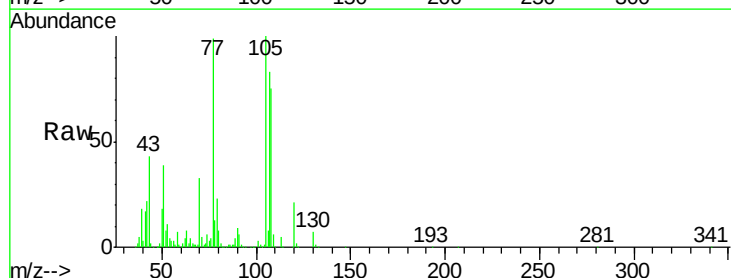
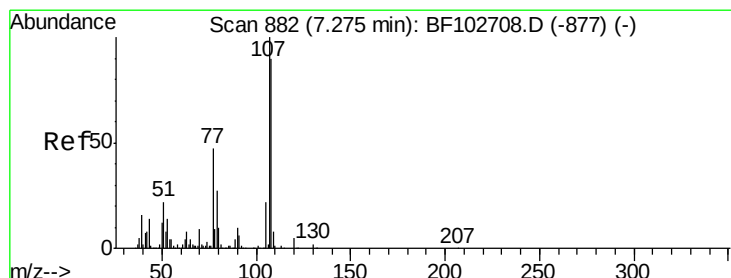
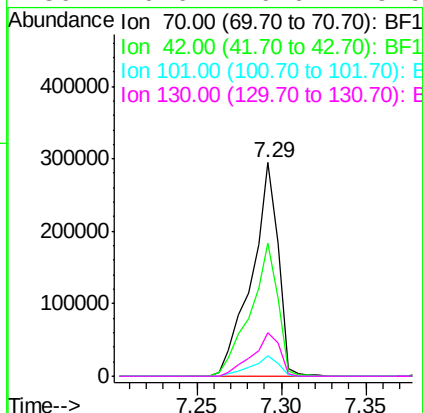




#19
n-Nitroso-di-n-propylamine
Concen: 35.19 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

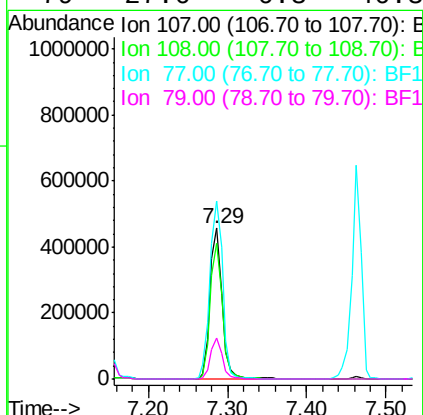
Instrument :
BNA_F
ClientSampleId :

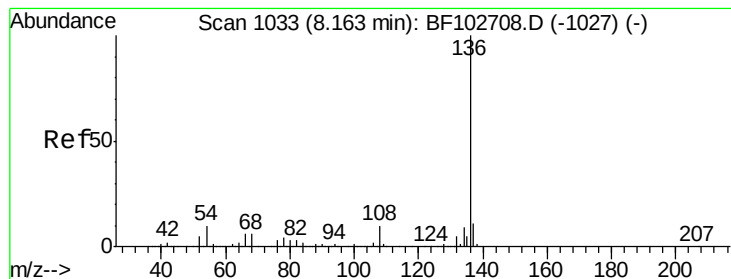
Tot Ion	70	Resp	324355
Ion	Ratio	Lower	Upper
70	100		
42	62.6	47.5	71.3
101	9.6	7.4	11.2
130	20.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.44 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion	107	Resp	481789
Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.2	108.2
77	118.4	26.7	66.7#
79	27.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 718043

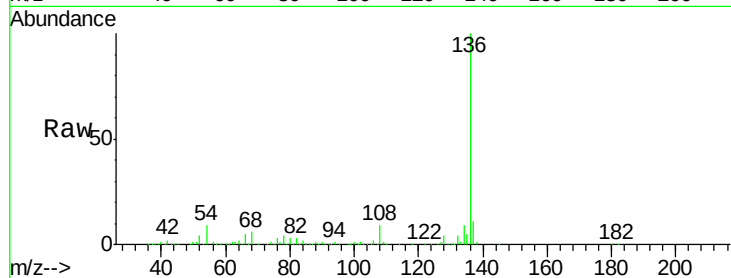
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.9 6.6 9.8

68 6.3 5.0 7.4

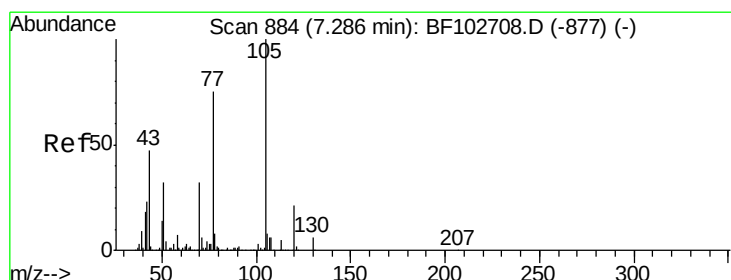
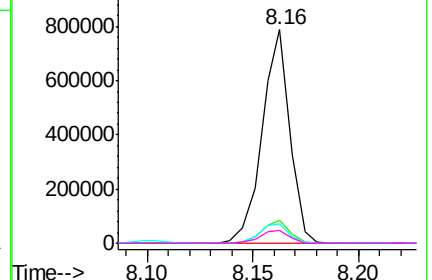
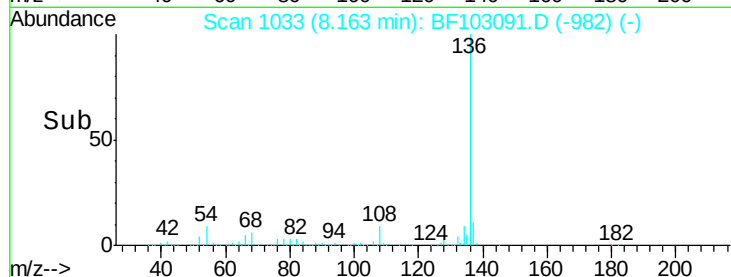


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.31 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Tgt Ion:105 Resp: 637986

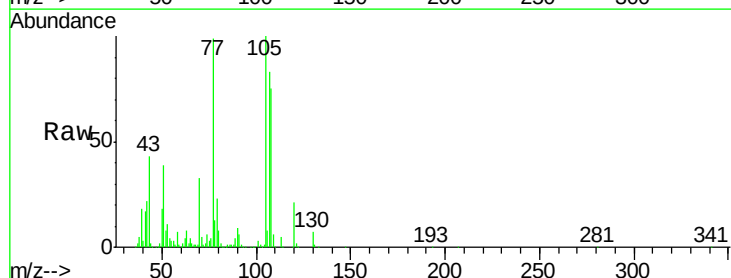
Ion Ratio Lower Upper

105 100

71 5.5 4.4 6.6

51 38.7 22.3 33.5#

120 21.4 16.9 25.3

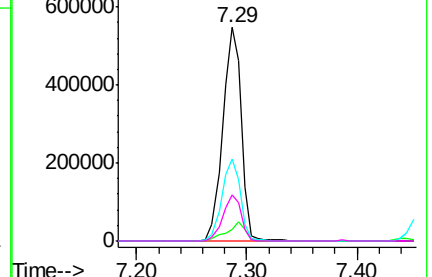
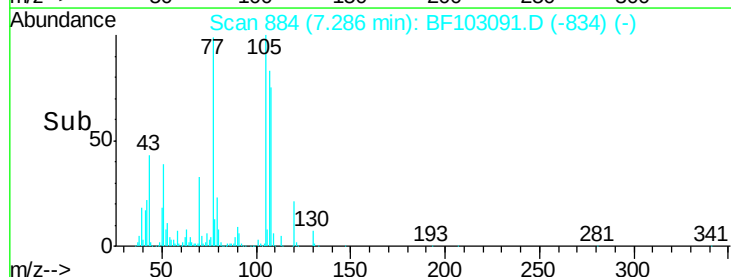


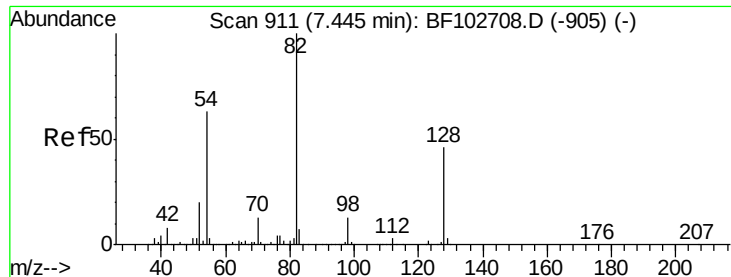
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

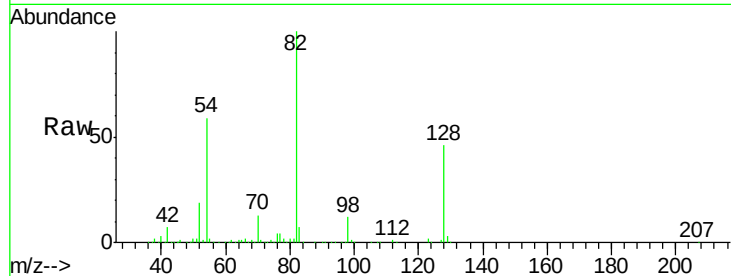




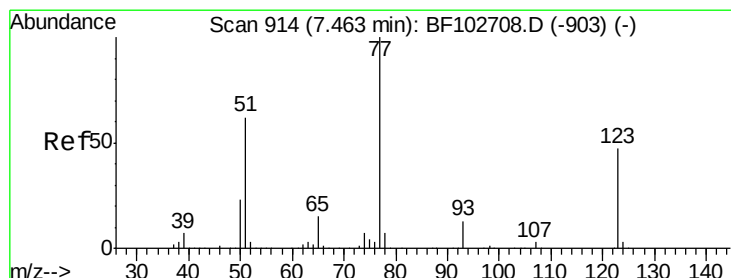
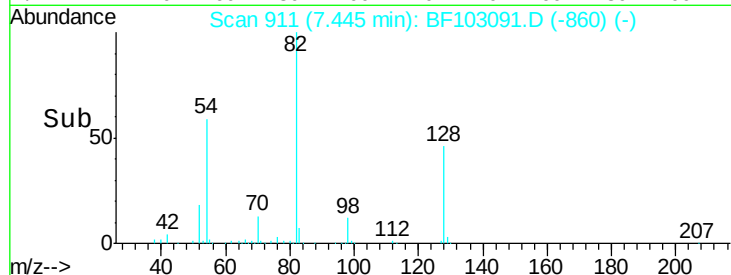
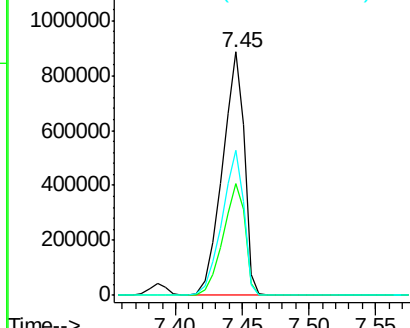
#23
Nitrobenzene-d5
Concen: 99.91 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1034108
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 59.5 41.4 62.2

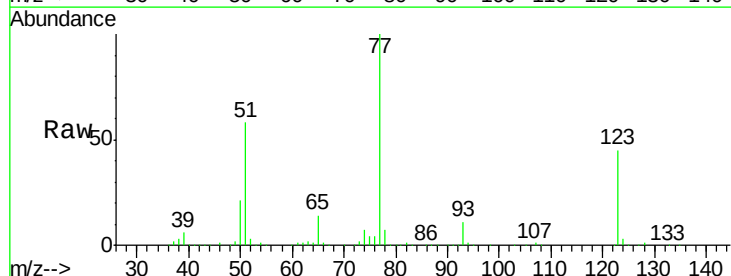


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

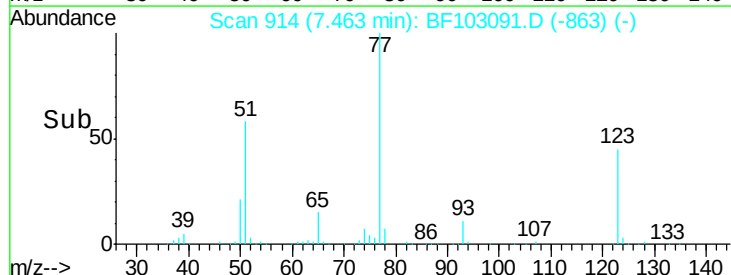
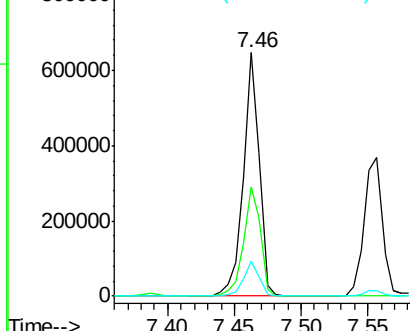


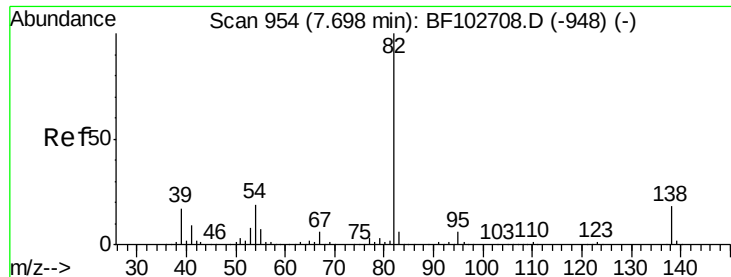
#24
Nitrobenzene
Concen: 44.11 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion: 77 Resp: 537049
Ion Ratio Lower Upper
77 100
123 45.0 37.9 56.9
65 14.2 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

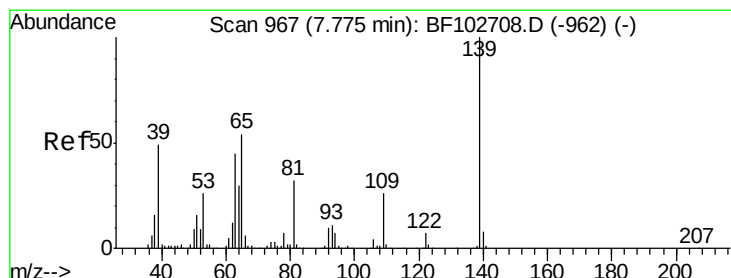
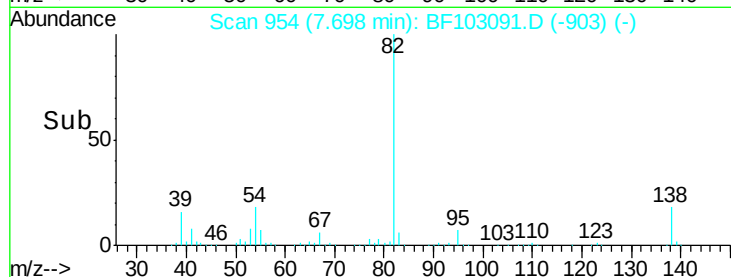
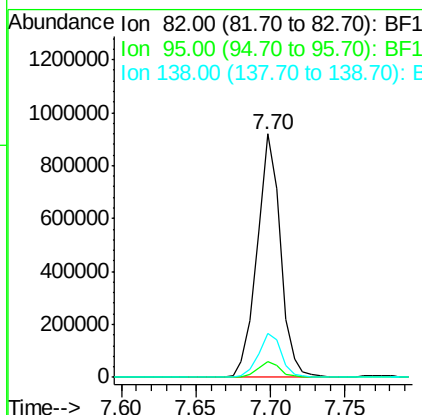
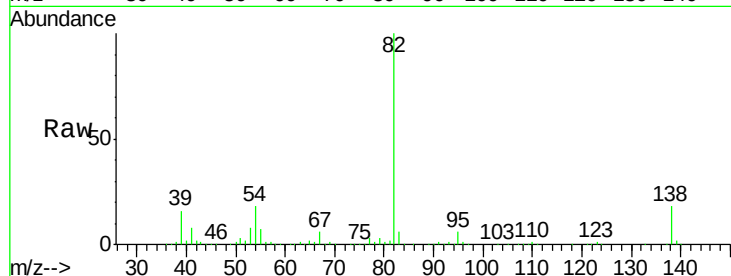




#25
Isophorone
Concen: 41.40 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

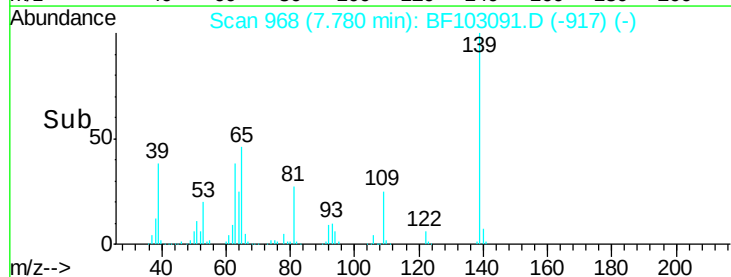
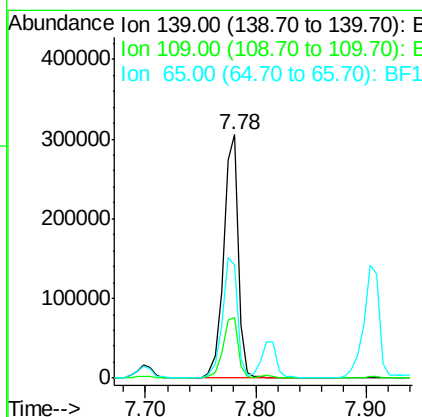
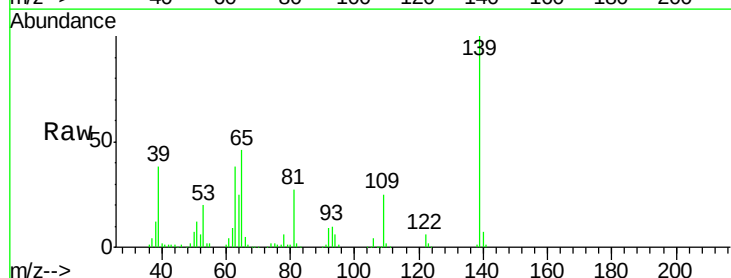
Instrument :
BNA_F
ClientSampleId :

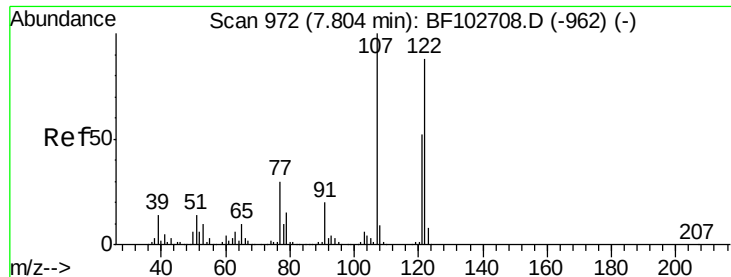
Tot Ion: 82 Resp: 986708
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 17.9 14.9 22.3



#26
2-Nitrophenol
Concen: 55.27 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion: 139 Resp: 284504
Ion Ratio Lower Upper
139 100
109 24.9 22.7 34.1
65 46.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 43.97 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleId :

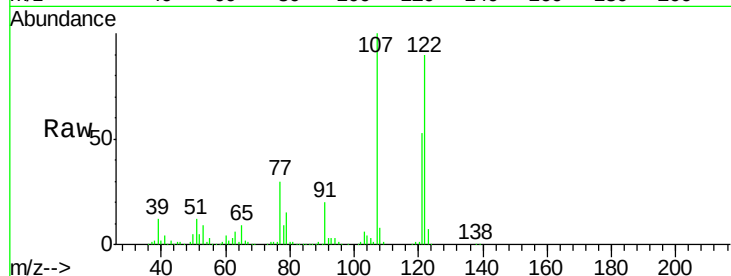
Tot Ion:122 Resp: 442769

Ion Ratio Lower Upper

122 100

107 111.1 91.2 136.8

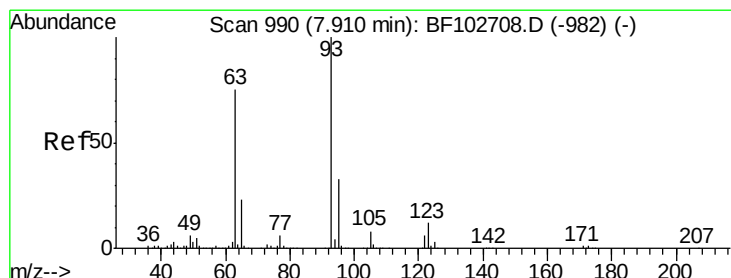
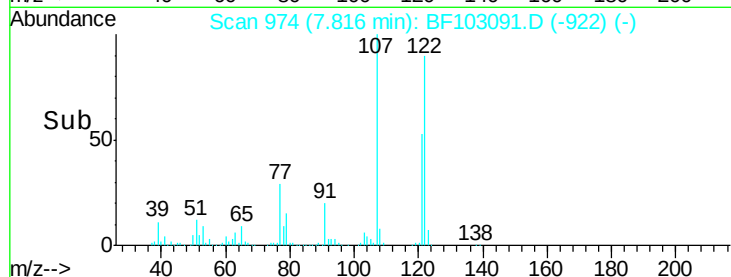
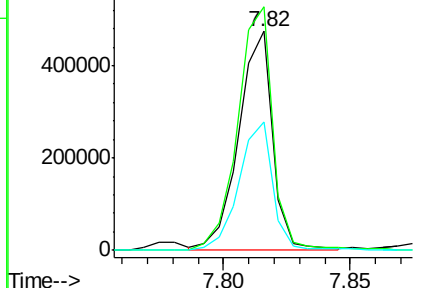
121 58.7 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.41 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

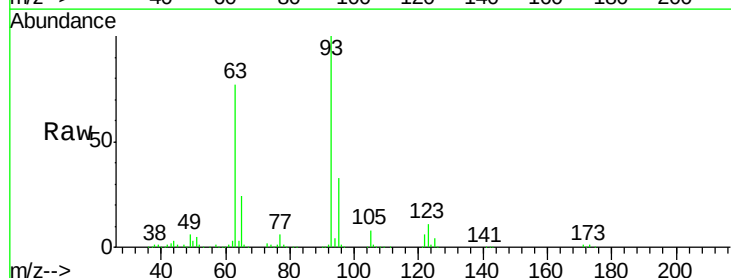
Tgt Ion: 93 Resp: 612883

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

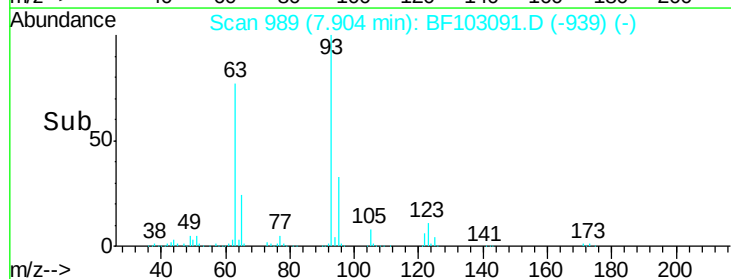
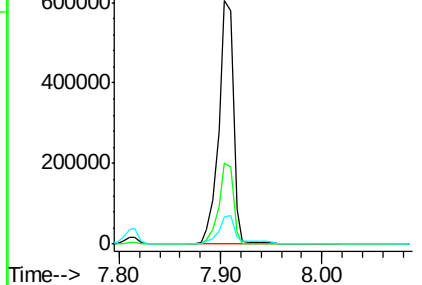
123 11.2 9.8 14.6

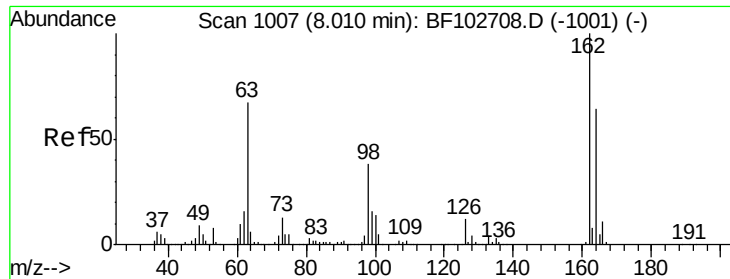


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

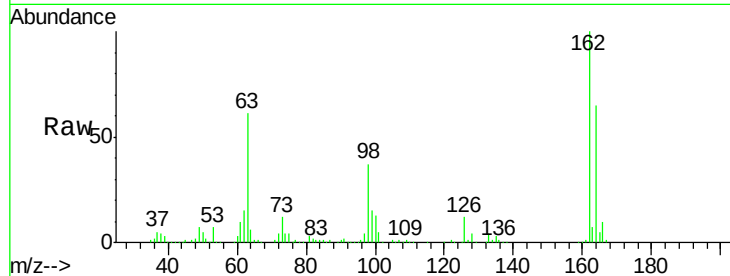




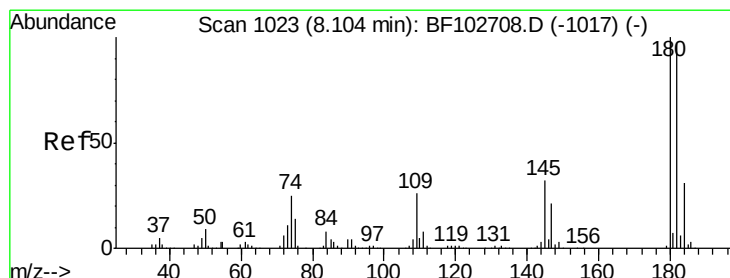
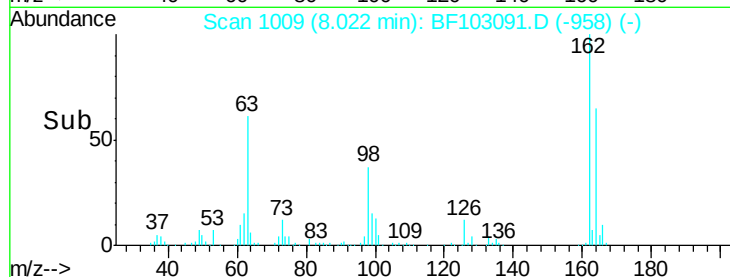
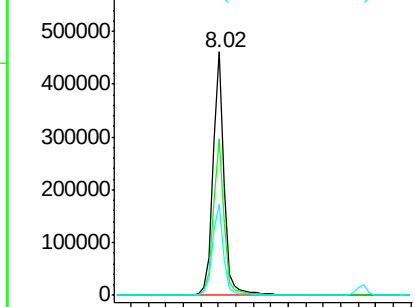
#29
 2,4-Dichlorophenol
 Concen: 44.43 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 406699
 Ion Ratio Lower Upper
 162 100
 164 64.6 42.7 82.7
 98 37.4 18.1 58.1

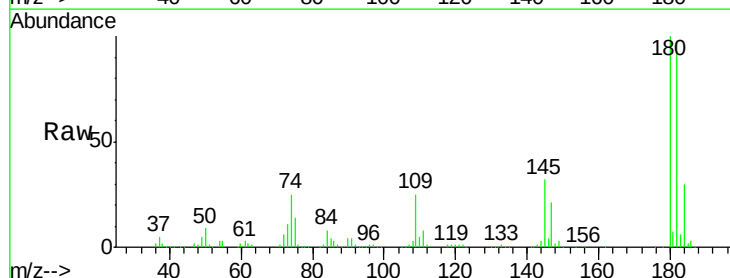


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

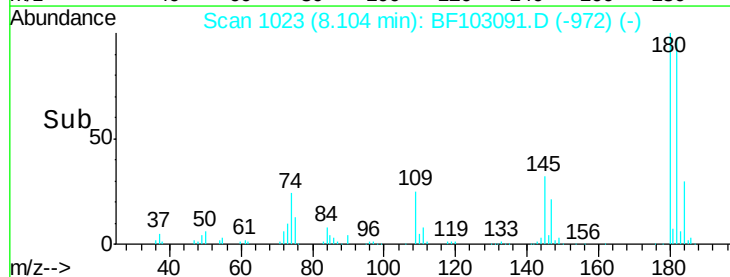
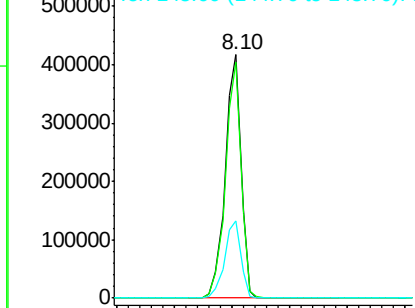


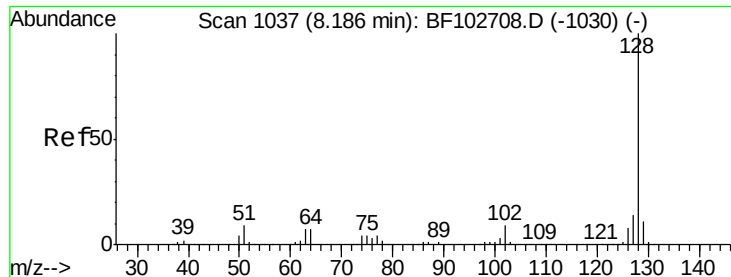
#30
 1,2,4-Trichlorobenzene
 Concen: 38.49 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Tgt Ion:180 Resp: 398635
 Ion Ratio Lower Upper
 180 100
 182 96.7 76.8 115.2
 145 31.9 26.5 39.7



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

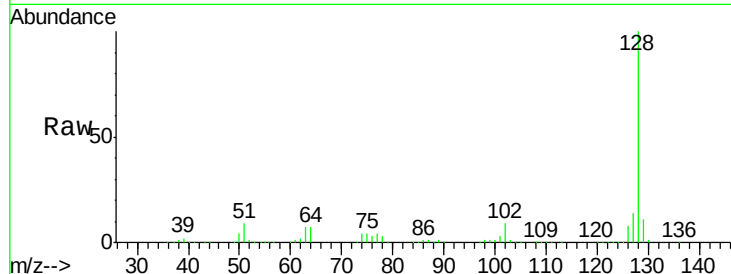




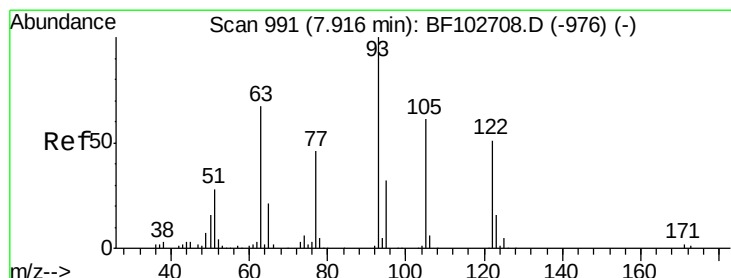
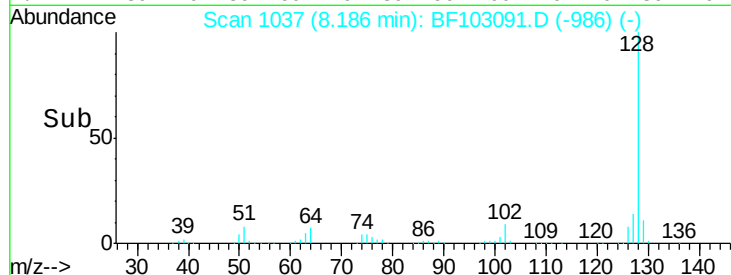
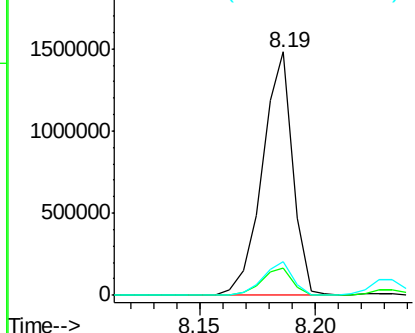
#31
Naphthalene
Concen: 38.63 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1355179
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 14.0 10.9 16.3

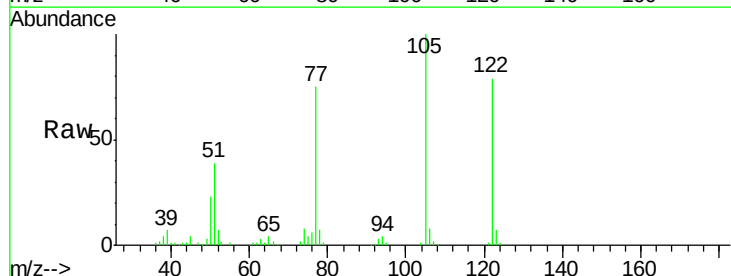


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

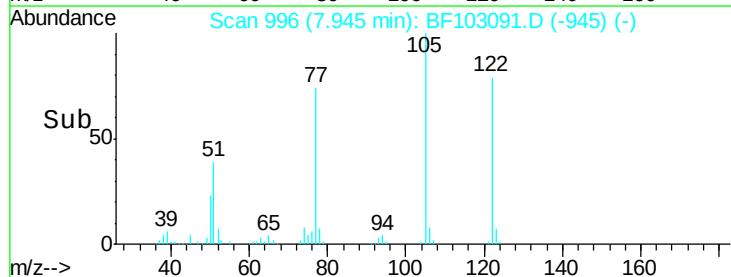
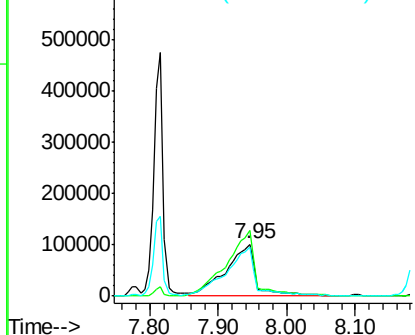


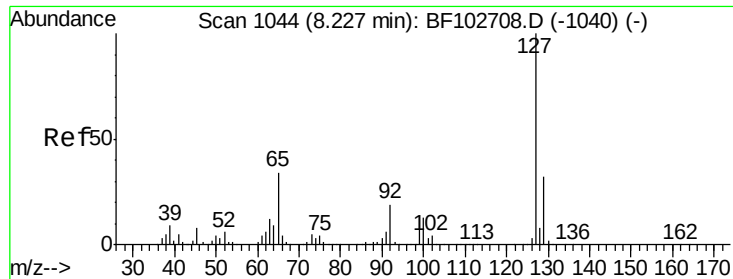
#32
Benzoic acid
Concen: 43.95 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion:122 Resp: 301603
Ion Ratio Lower Upper
122 100
105 126.1 101.1 141.1
77 94.9 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): BF1

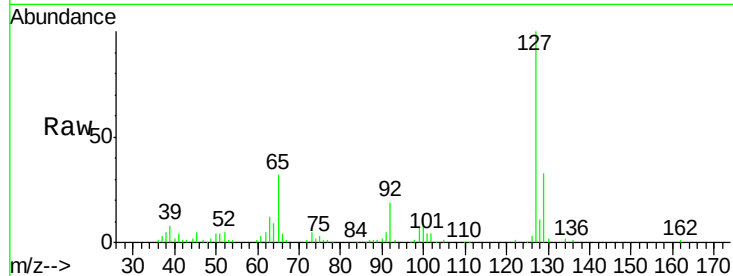




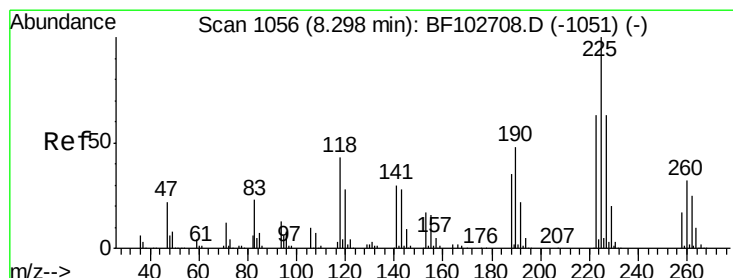
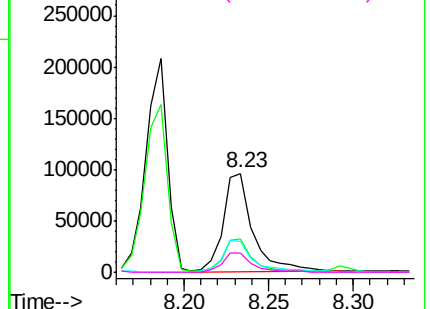
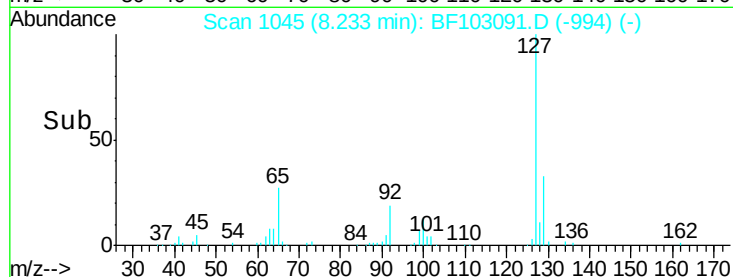
#33
4-Chloroaniline
Concen: 7.81 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	118054
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.9	38.9
65	31.6	25.0	37.4
92	19.0	15.2	22.8

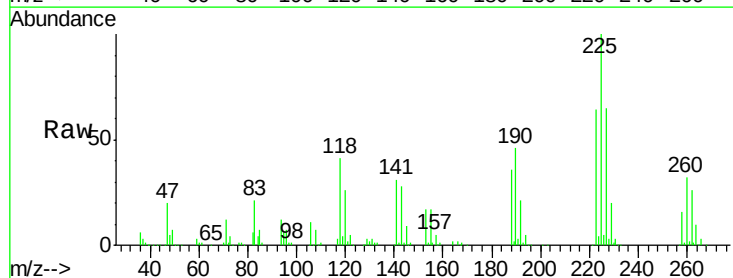


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

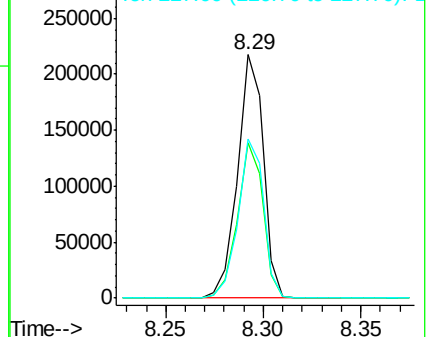
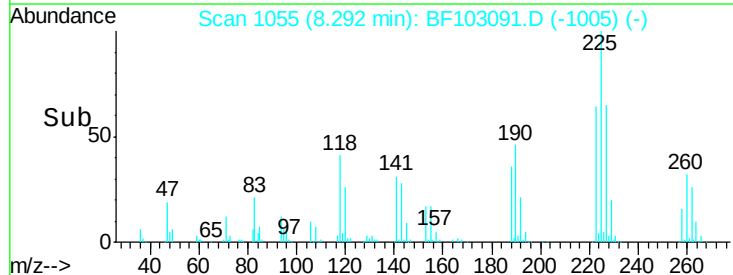


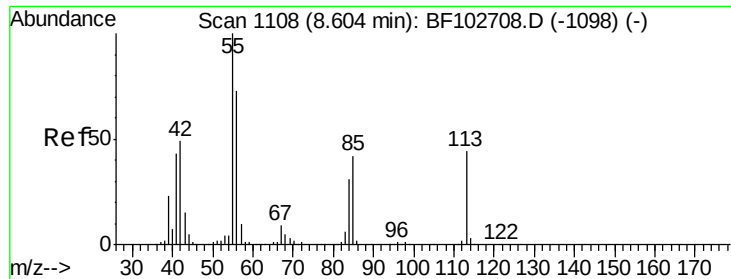
#34
Hexachlorobutadiene
Concen: 37.70 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion:	225	Resp:	200068
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	65.4	51.9	77.9



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

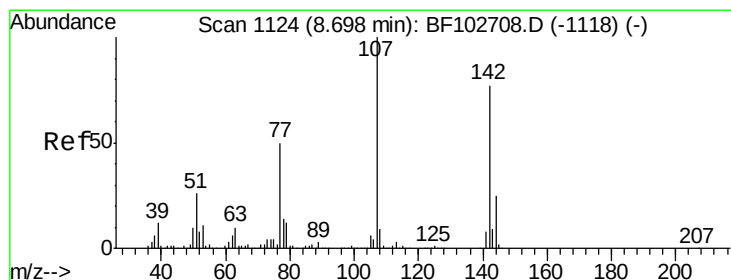
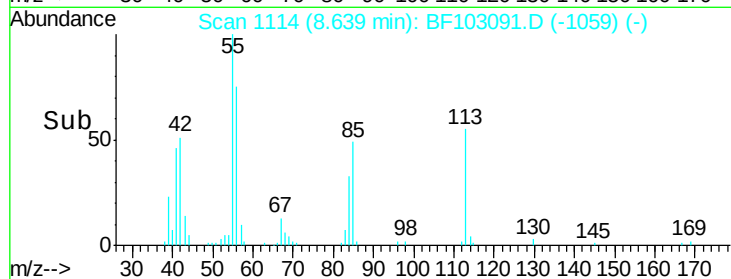
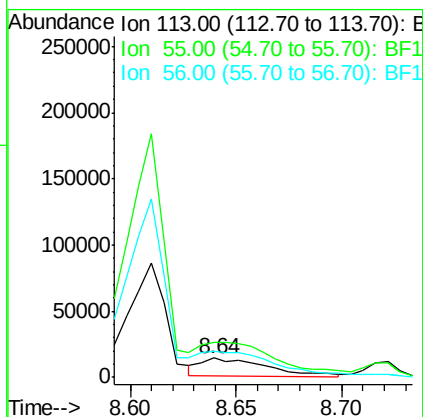
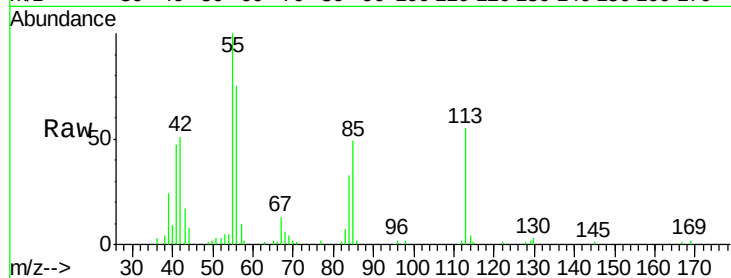




#35
 Caprolactam
 Concen: 9.30 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.02 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

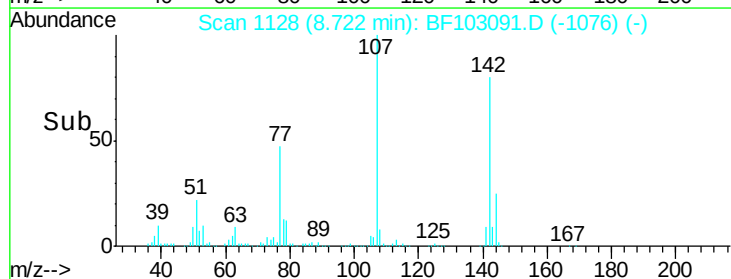
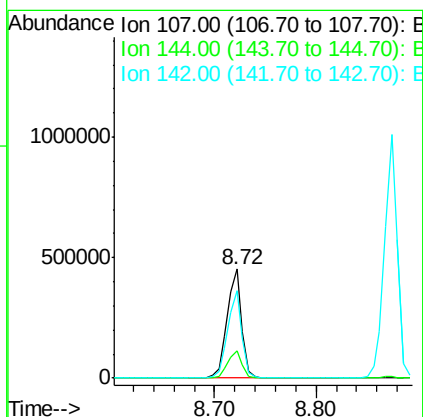
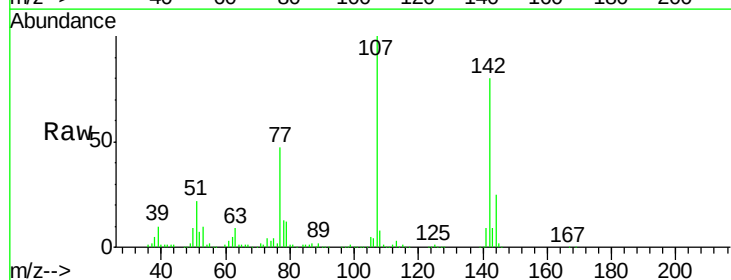
Instrument :
 BNA_F
 ClientSampled :

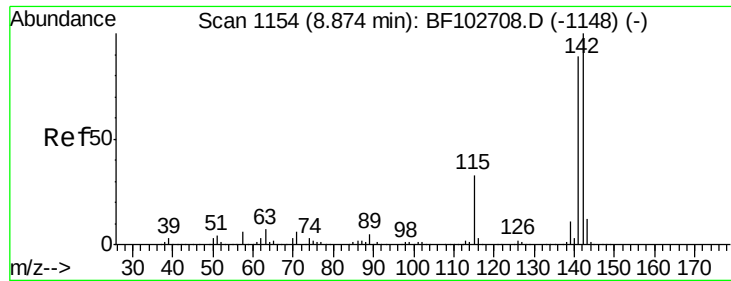
Tot Ion:113 Resp: 29572
 Ion Ratio Lower Upper
 113 100
 55 180.8 163.3 203.3
 56 136.2 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.90 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Tgt Ion:107 Resp: 451483
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 80.1 62.0 93.0

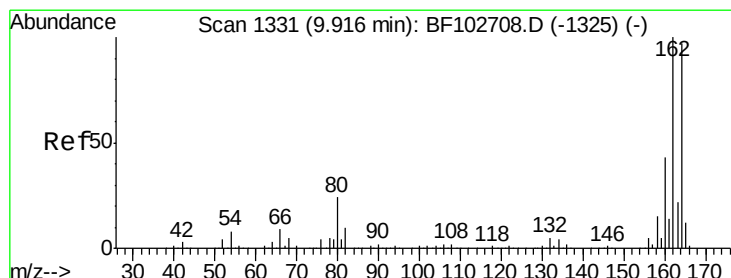
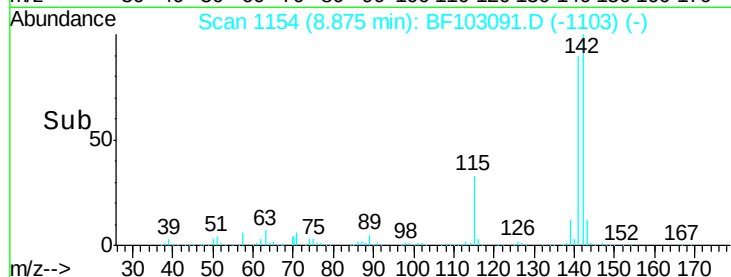
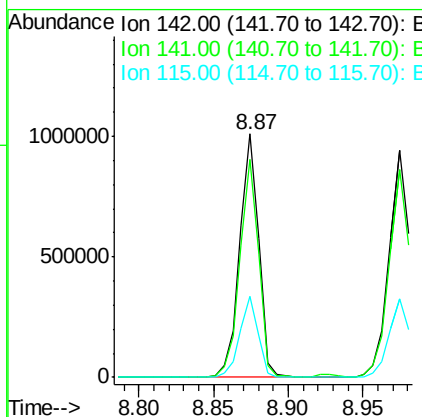
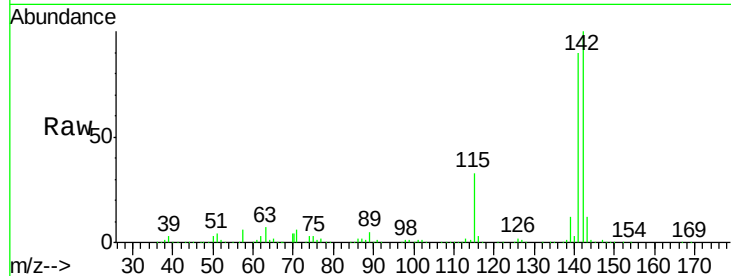




#37
2-Methylnaphthalene
Concen: 39.36 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

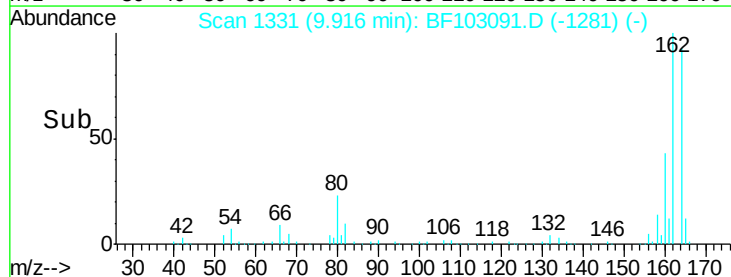
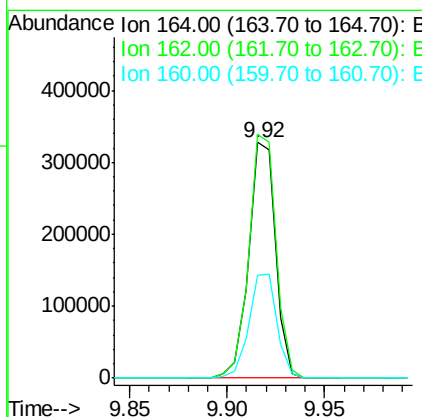
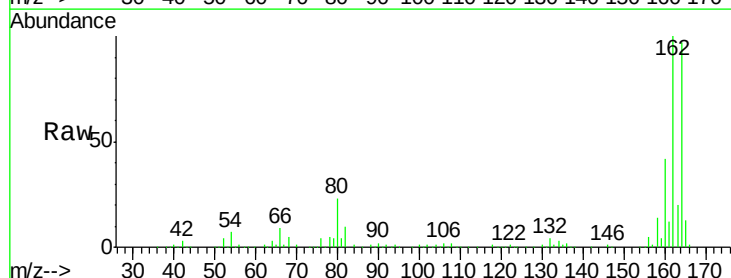
Instrument :
BNA_F
ClientSampleId :

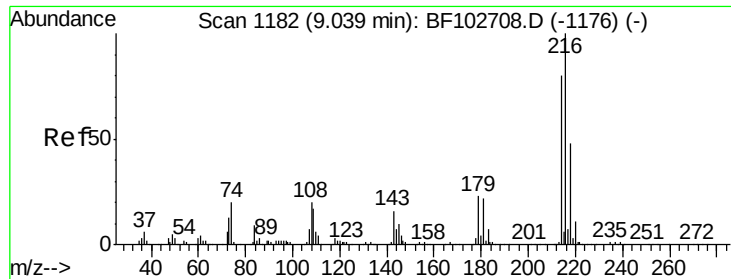
Tot Ion:142 Resp: 903958
Ion Ratio Lower Upper
142 100
141 89.5 70.8 106.2
115 33.5 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion:164 Resp: 313488
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 43.9 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.16 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 351293

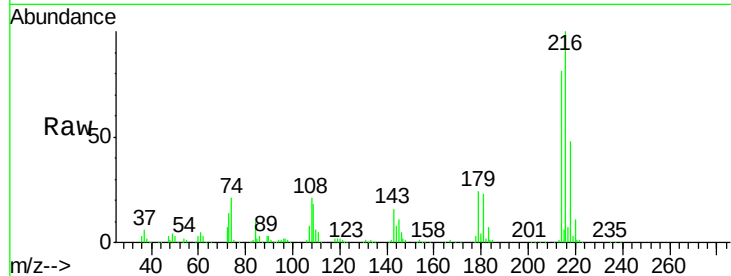
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 22.9 18.1 27.1

108 22.4 17.2 25.8

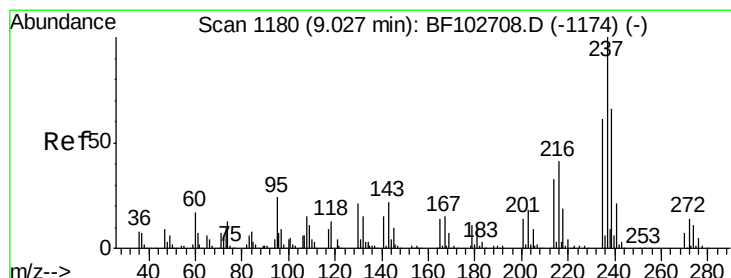
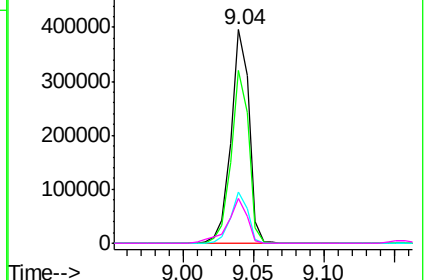
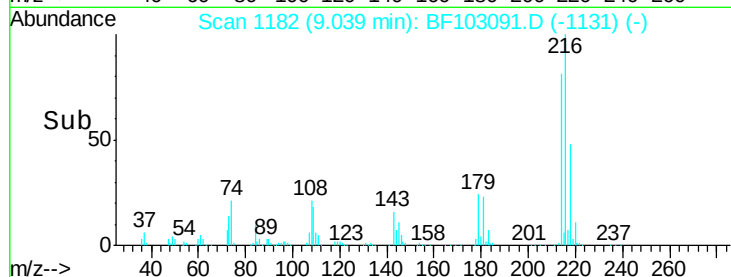


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.53 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

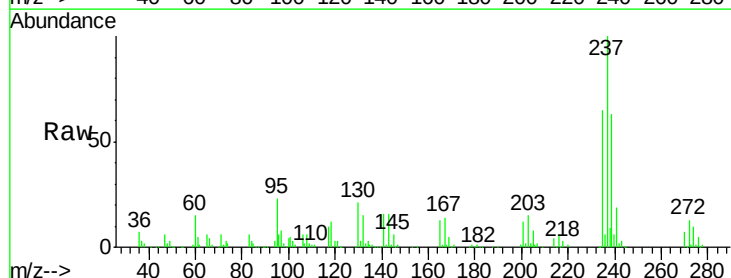
Tgt Ion:237 Resp: 168517

Ion Ratio Lower Upper

237 100

235 64.8 44.8 84.8

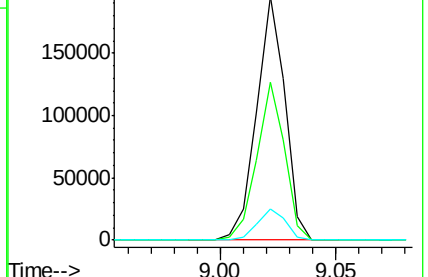
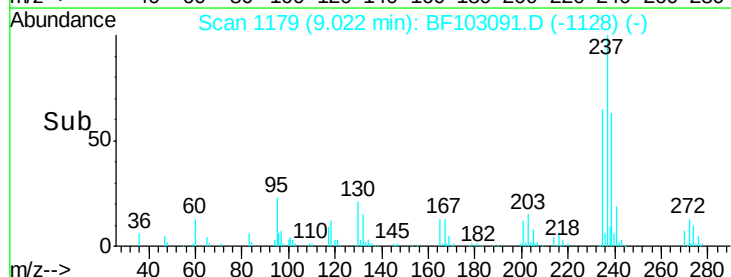
272 12.6 0.0 33.3

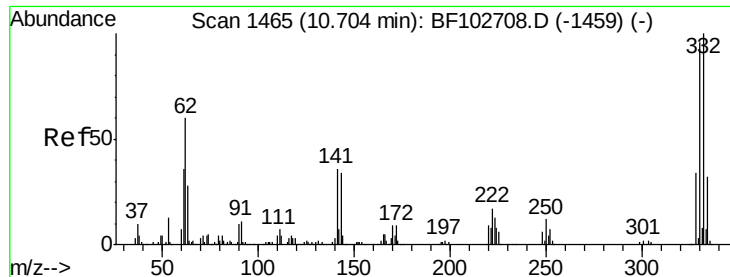


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 121.72 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampled :

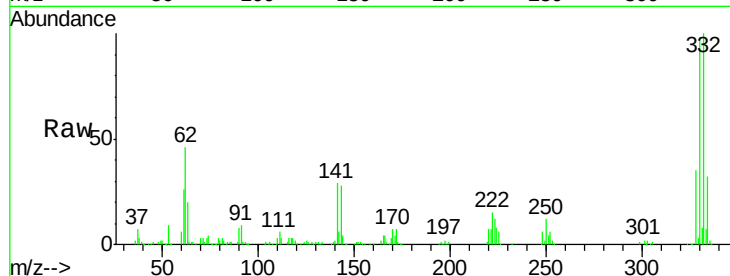
Tot Ion:330 Resp: 307122

Ion Ratio Lower Upper

330 100

332 101.8 77.0 115.6

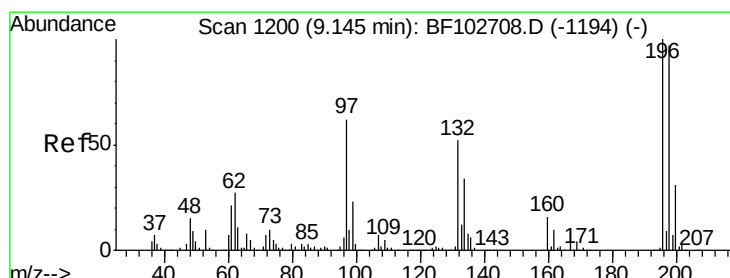
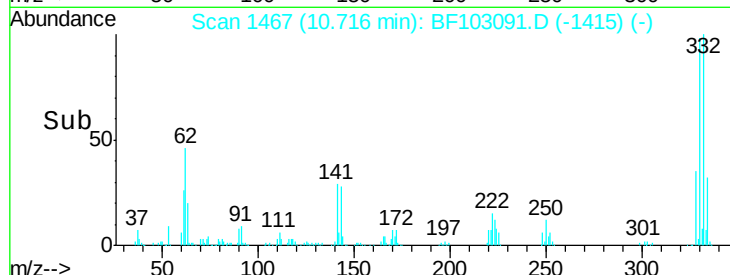
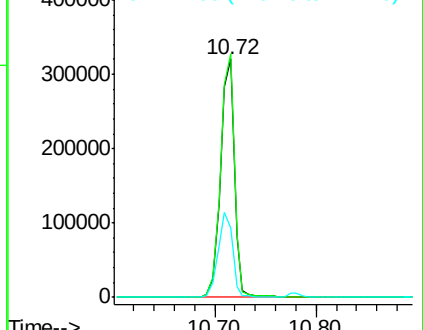
141 37.2 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 44.68 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

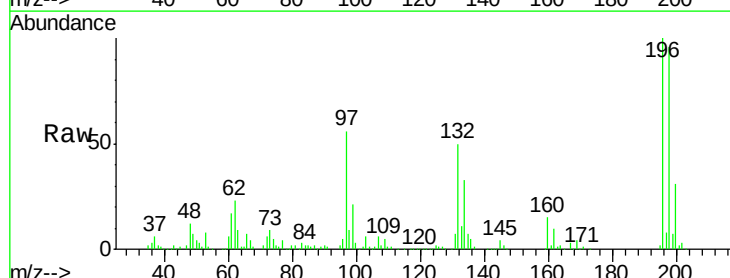
Tgt Ion:196 Resp: 250501

Ion Ratio Lower Upper

196 100

198 96.5 75.7 113.5

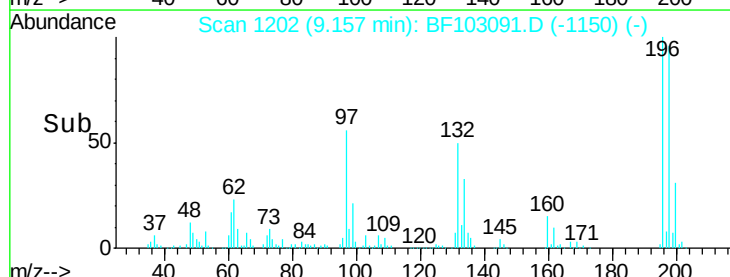
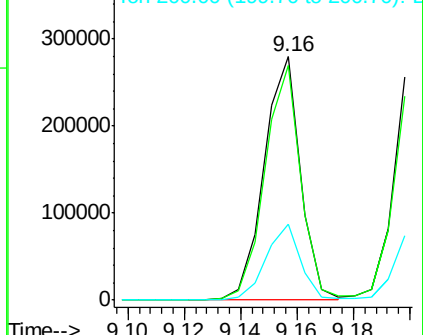
200 31.3 24.5 36.7

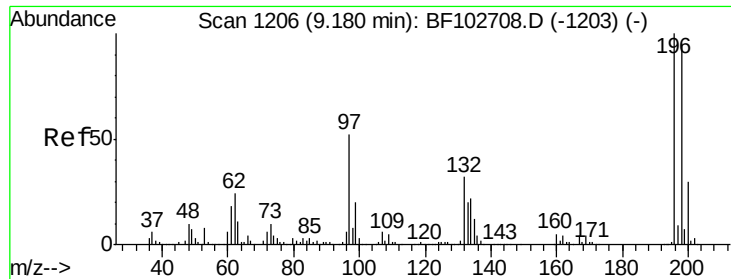


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

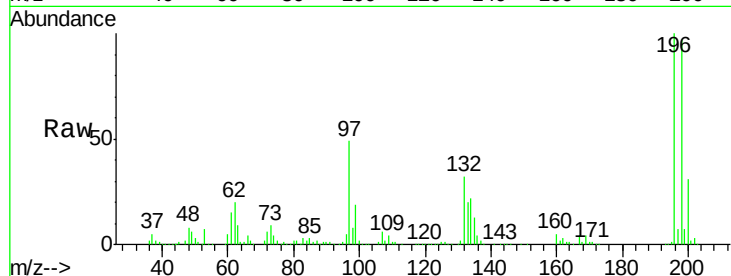




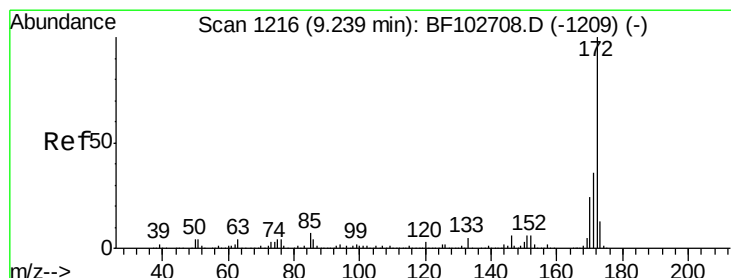
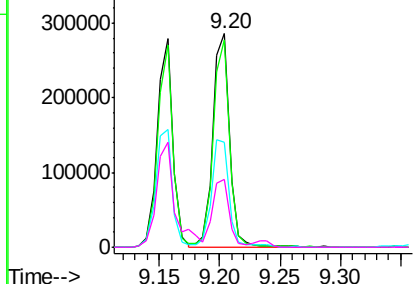
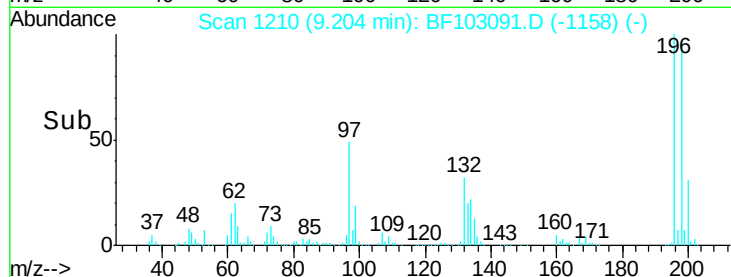
#43
 2,4,5-Trichlorophenol
 Concen: 42.54 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	268809
Ion	Ratio	Lower	Upper
196	100		
198	97.1	74.6	112.0
97	49.4	42.9	64.3
132	32.0	26.3	39.5

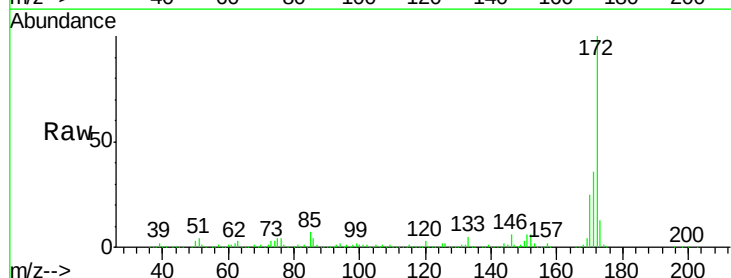


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

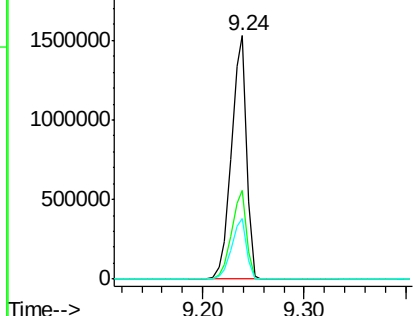
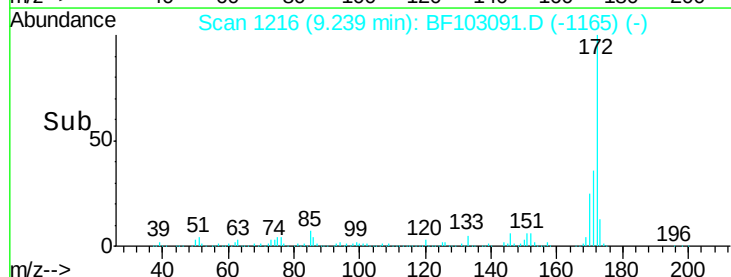


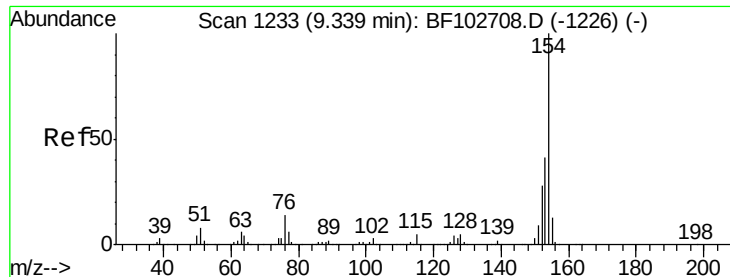
#44
 2-Fluorobiphenyl
 Concen: 83.20 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Tgt Ion:	172	Resp:	1571885
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.7	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



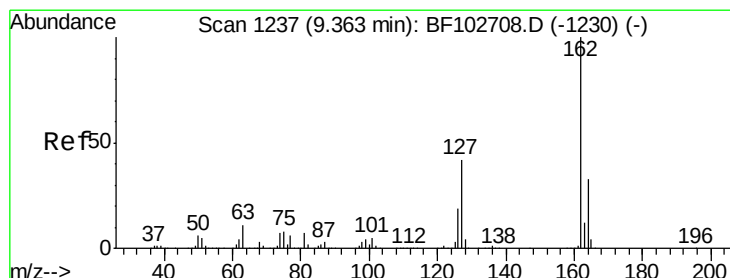
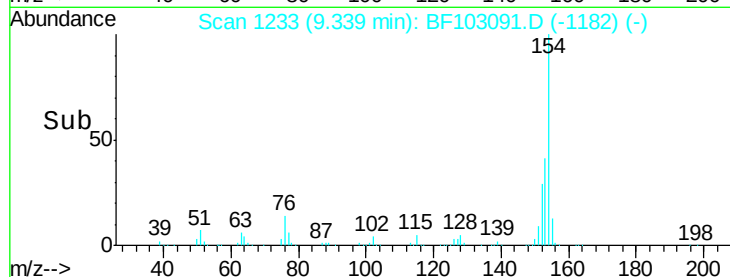
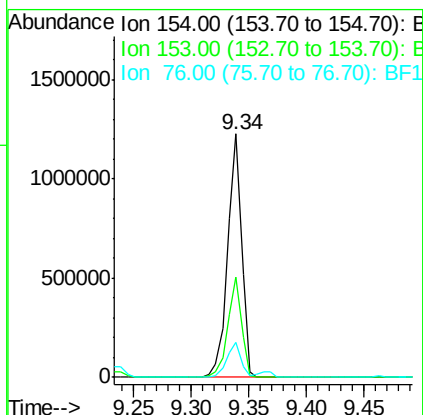
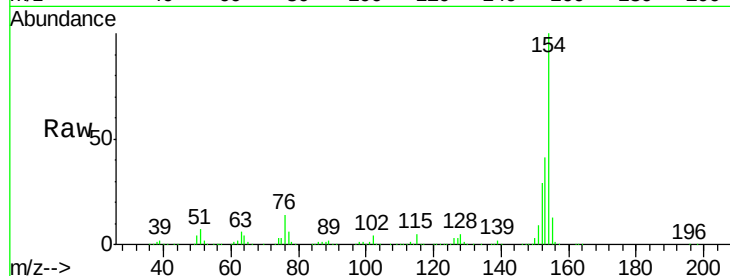


#45
 1,1'-Biphenyl
 Concen: 38.99 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1029451

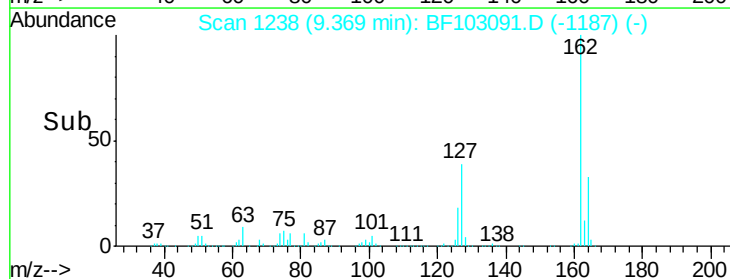
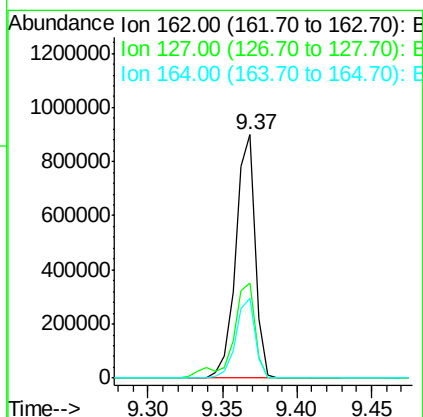
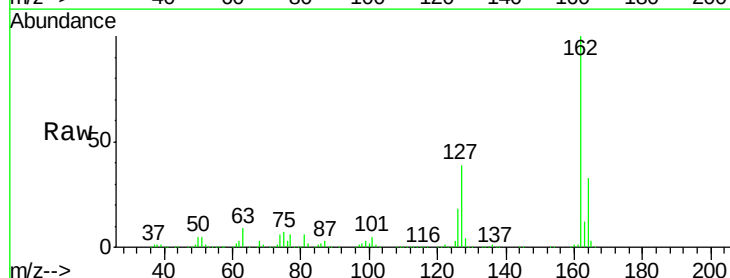
Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	14.3	0.0	34.0

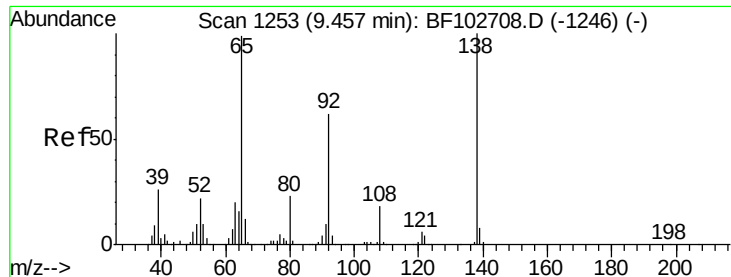


#46
 2-Chloronaphthalene
 Concen: 39.79 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Tgt Ion:162 Resp: 827128

Ion	Ratio	Lower	Upper
162	100		
127	39.2	33.9	50.9
164	32.8	26.5	39.7





#47

2-Nitroaniline

Concen: 47.94 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleId :

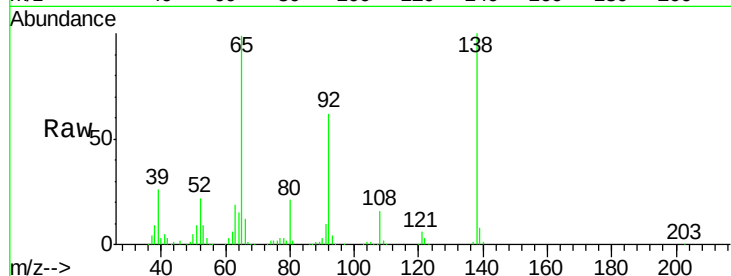
Tot Ion: 65 Resp: 307470

Ion Ratio Lower Upper

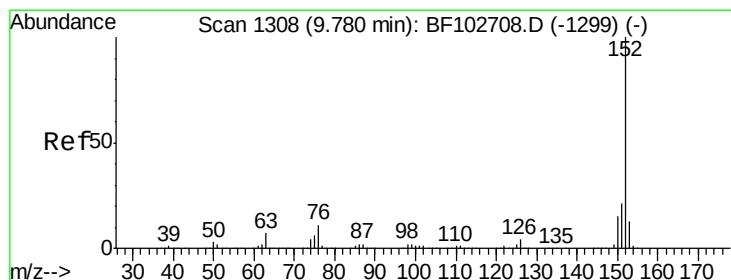
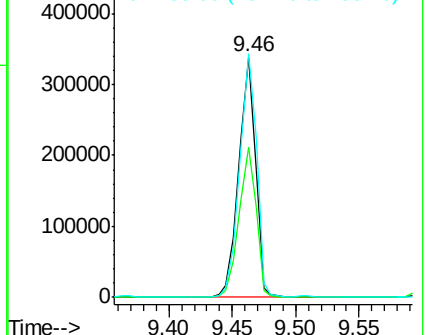
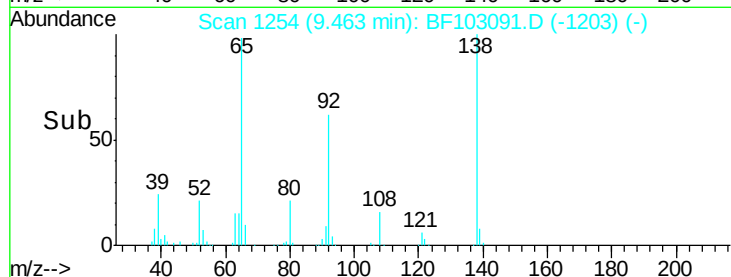
65 100

92 62.6 55.8 83.6

138 101.5 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 38.33 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

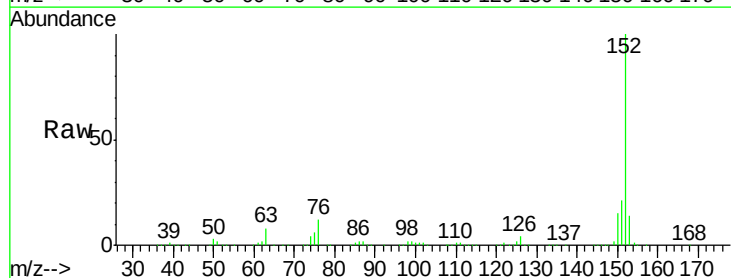
Tgt Ion: 152 Resp: 1237551

Ion Ratio Lower Upper

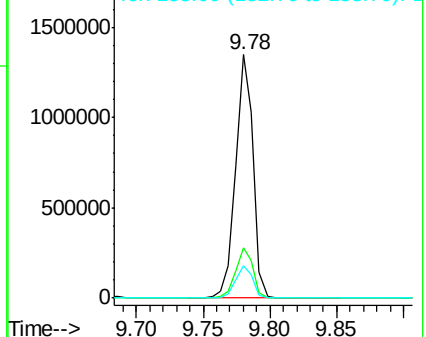
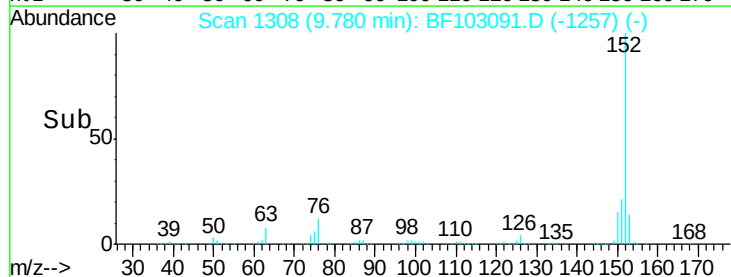
152 100

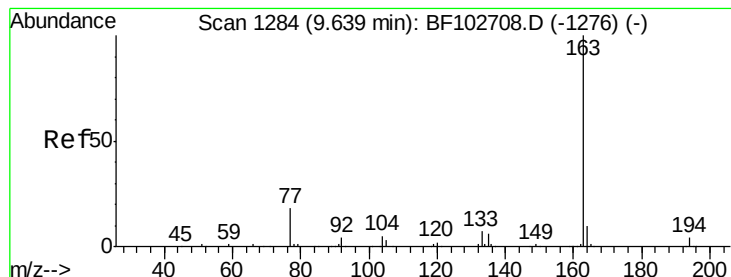
151 20.7 16.3 24.5

153 13.5 10.7 16.1



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





#49

Dimethylphthalate

Concen: 40.38 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleId :

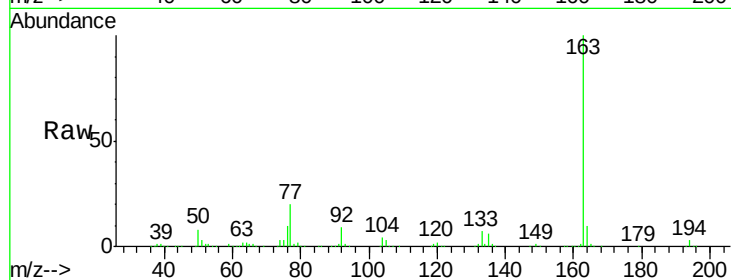
Tot Ion:163 Resp: 987087

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

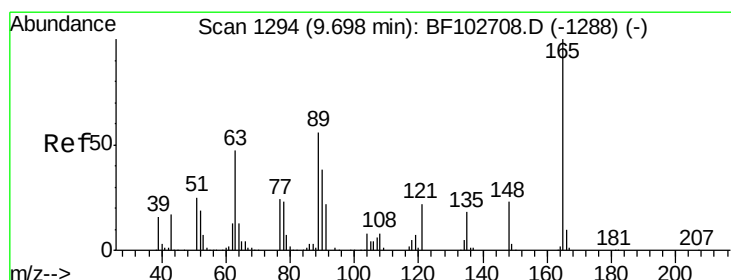
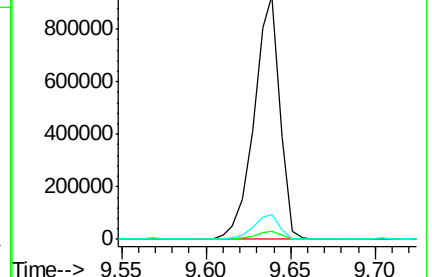
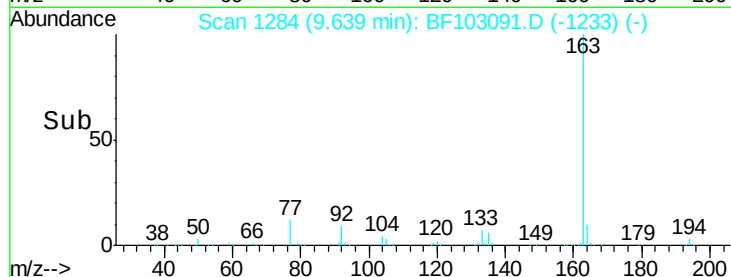
164 10.0 8.2 12.2



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: 47.24 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

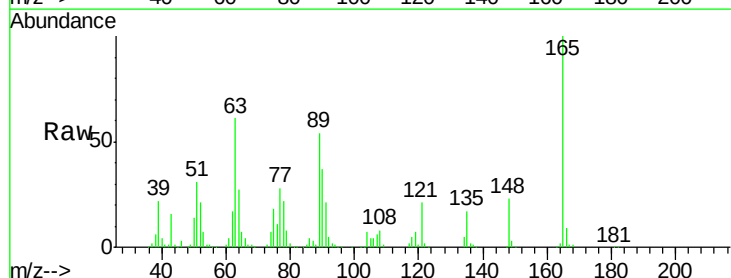
Tgt Ion:165 Resp: 219668

Ion Ratio Lower Upper

165 100

63 61.3 44.7 67.1

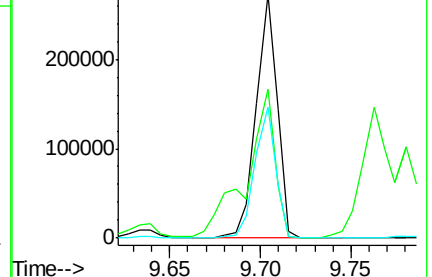
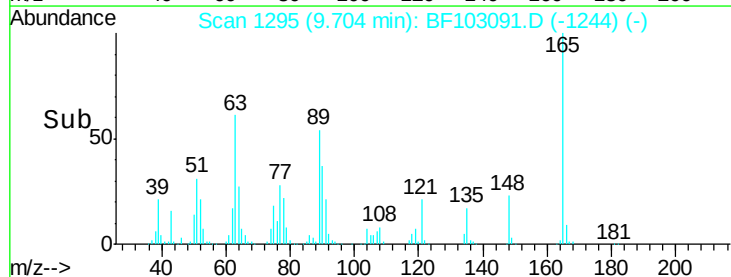
89 54.0 44.0 66.0

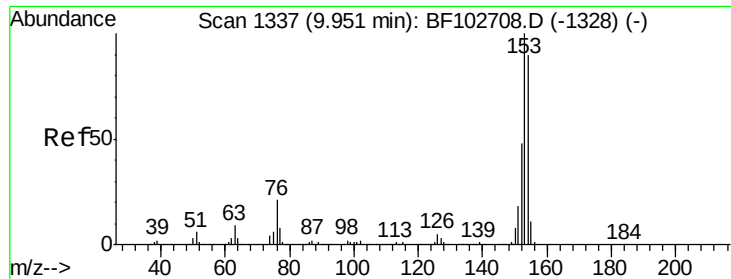


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.63 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampled :

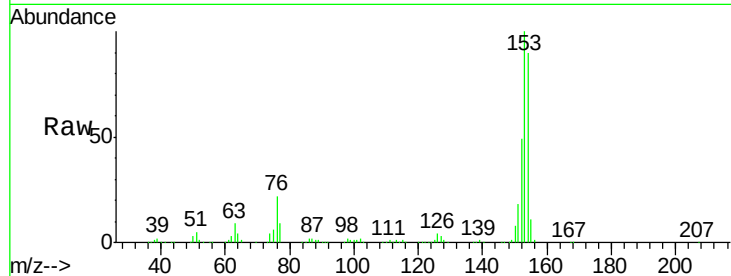
Tot Ion:154 Resp: 707292

Ion Ratio Lower Upper

154 100

153 111.4 91.2 136.8

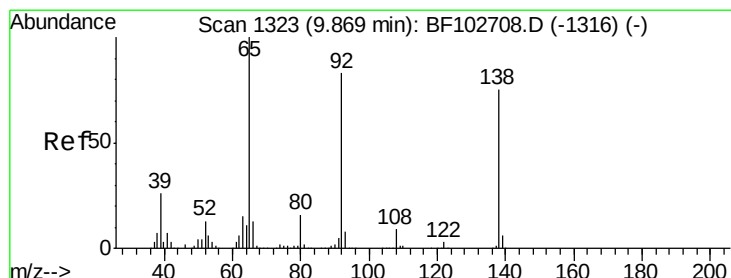
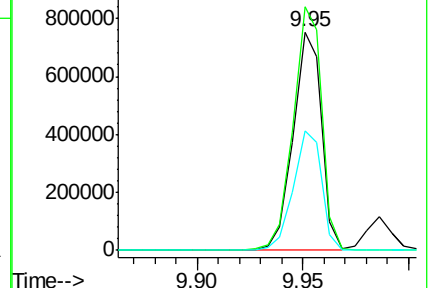
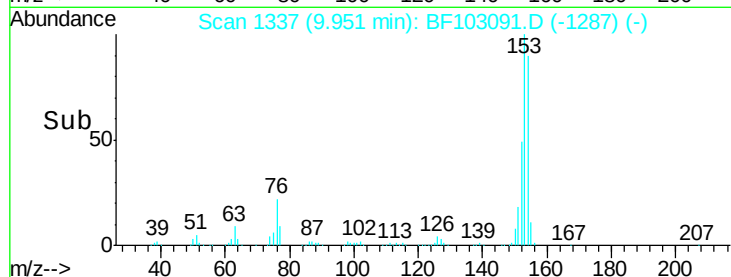
152 54.5 43.8 65.8



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: 27.04 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

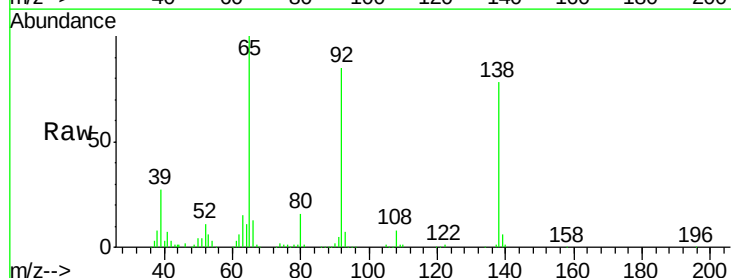
Tgt Ion:138 Resp: 154724

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

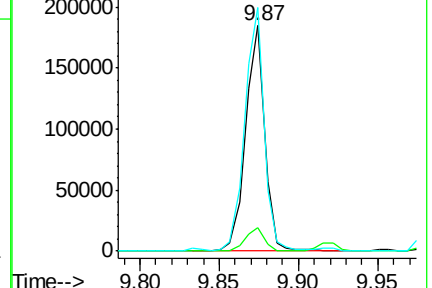
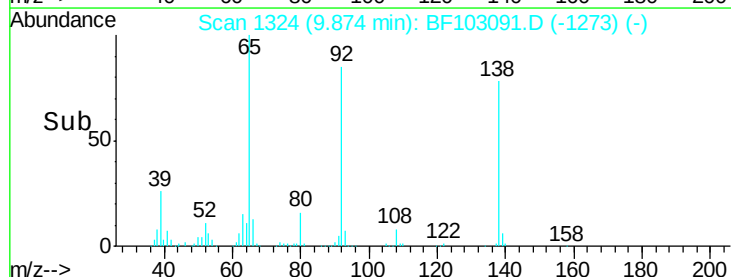
92 108.0 89.4 134.2

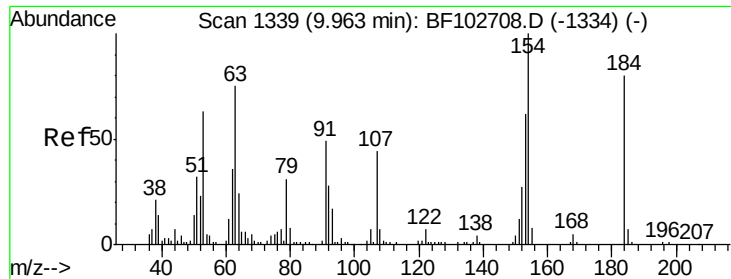


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

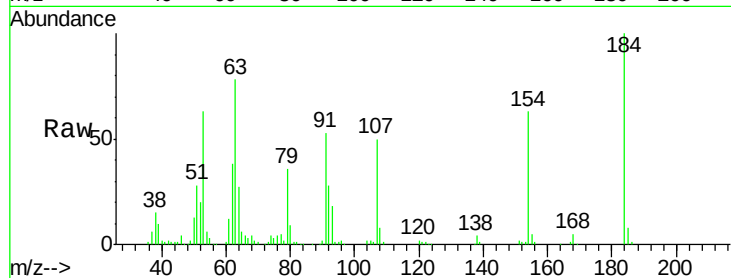




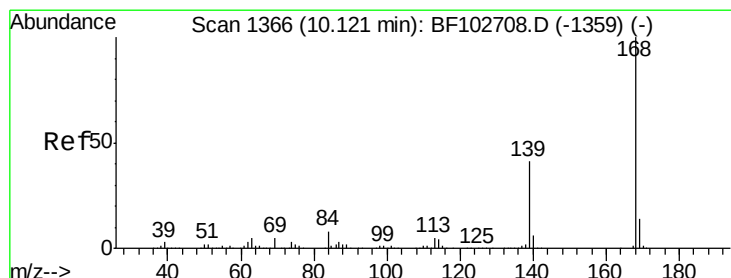
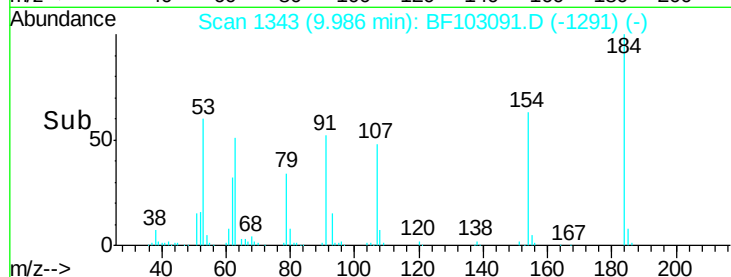
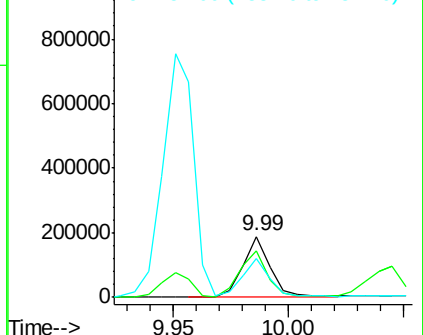
#53
2,4-Dinitrophenol
Concen: 91.58 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 157930
Ion Ratio Lower Upper
184 100
63 77.7 54.2 81.2
154 63.1 184.0 276.0#

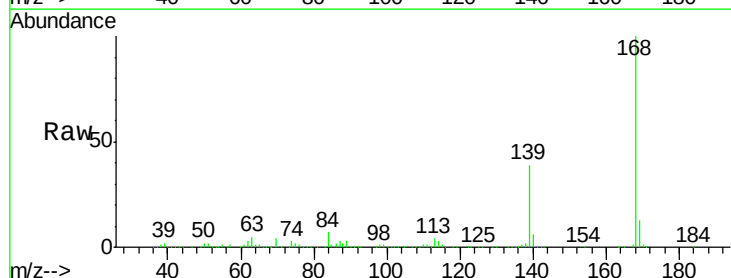


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

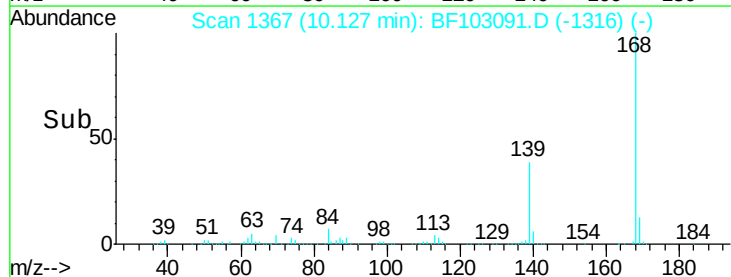
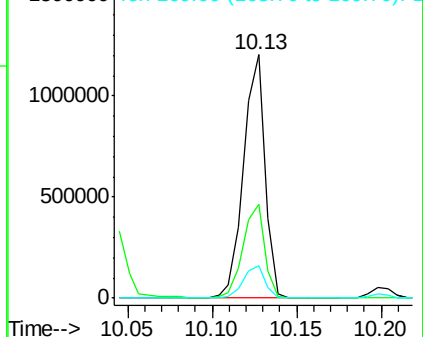


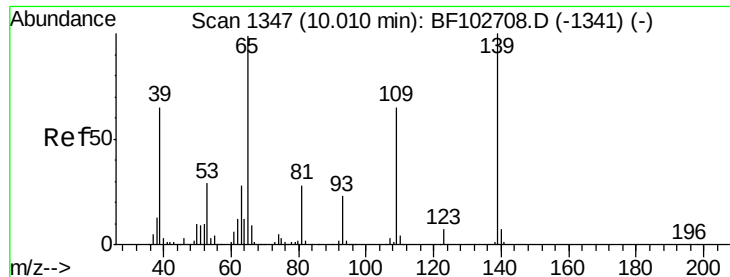
#54
Dibenzofuran
Concen: 39.48 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion:168 Resp: 1074303
Ion Ratio Lower Upper
168 100
139 38.5 30.1 45.1
169 13.1 10.9 16.3



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

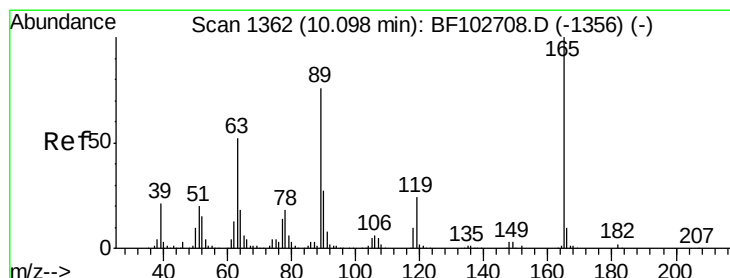
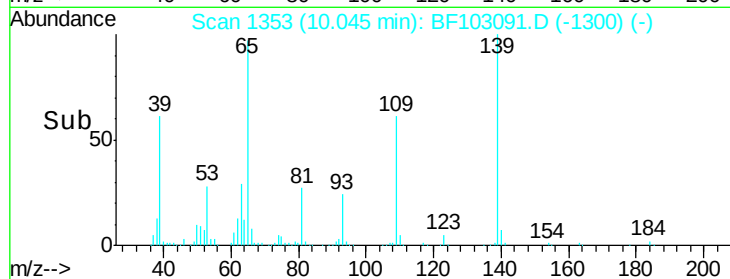
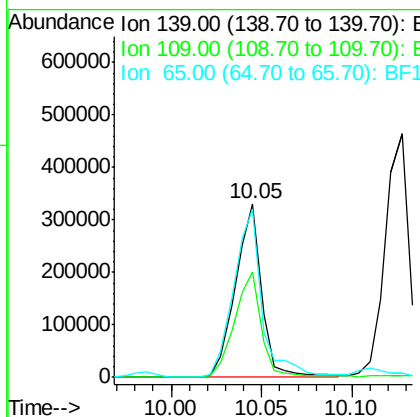
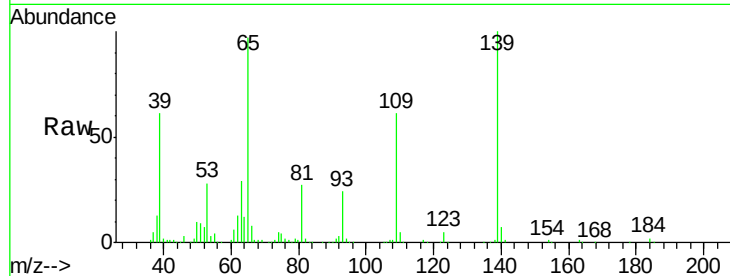




#55
4-Nitrophenol
Concen: 71.43 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

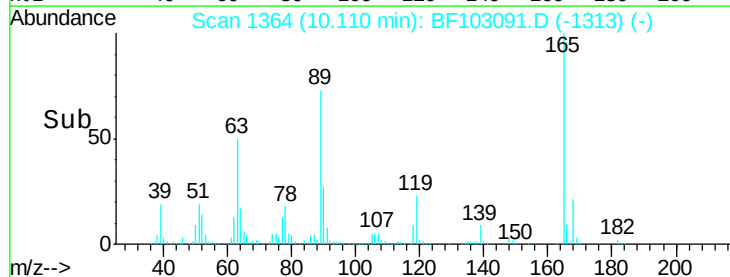
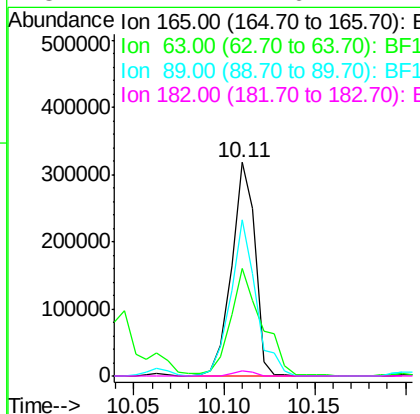
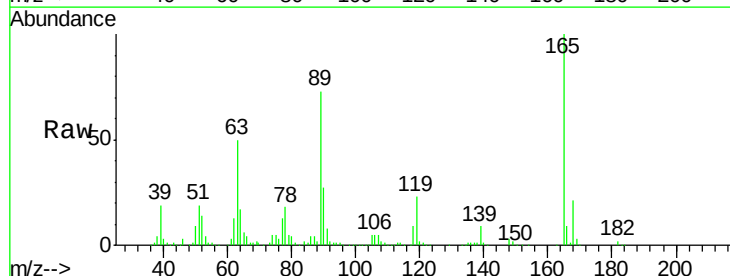
Instrument :
BNA_F
ClientSampled :

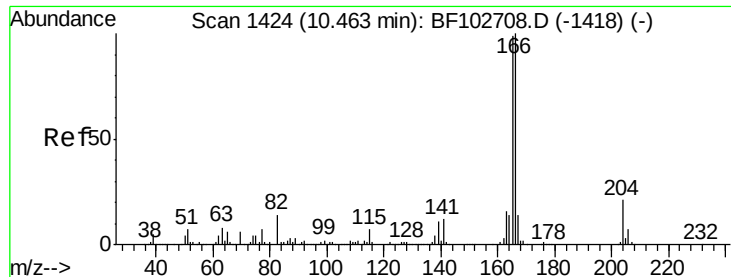
Tot Ion:139 Resp: 333743
Ion Ratio Lower Upper
139 100
109 61.0 48.4 88.4
65 96.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 46.14 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion:165 Resp: 286967
Ion Ratio Lower Upper
165 100
63 50.4 36.4 54.6
89 73.2 57.8 86.6
182 2.1 1.6 2.4

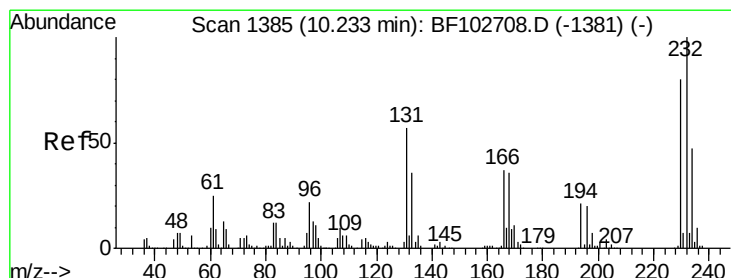
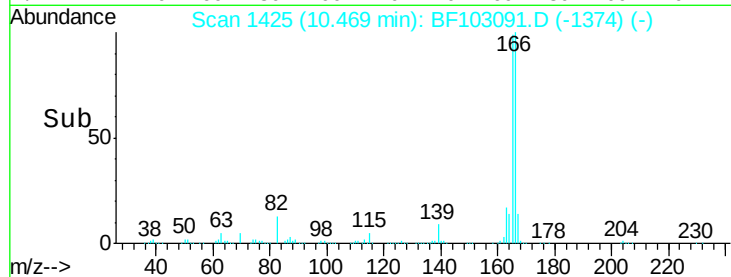
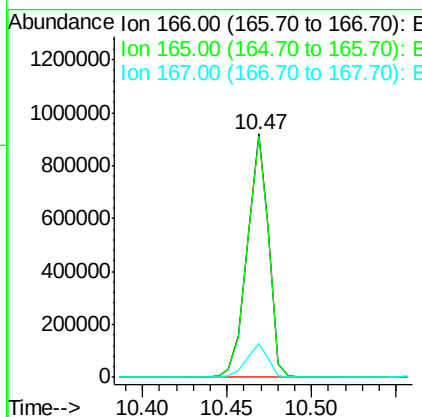
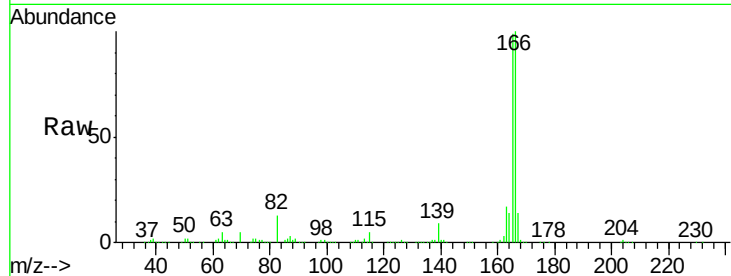




#57
 Fluorene
 Concen: 40.96 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

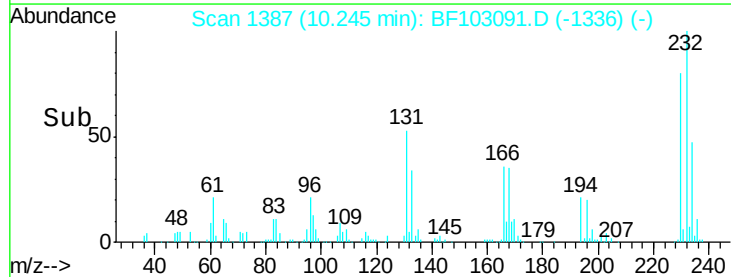
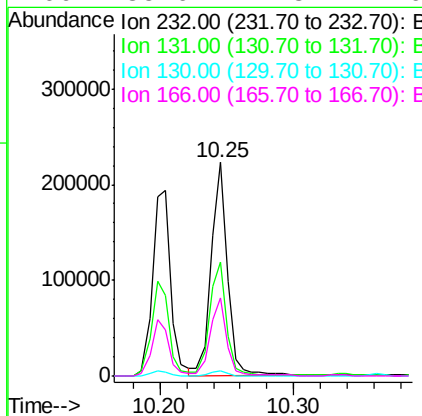
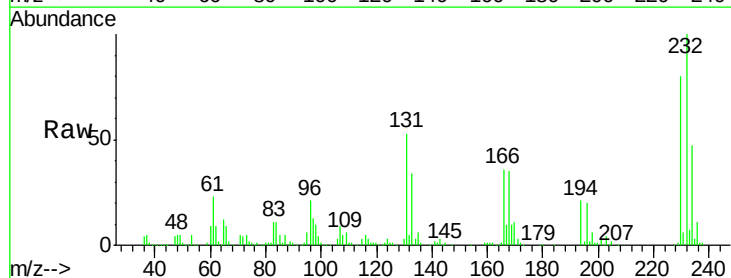
Instrument :
 BNA_F
 ClientSampleId :

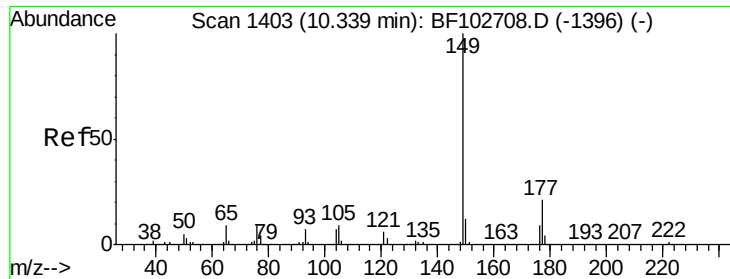
Tot Ion:166 Resp: 810882
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.8 119.8
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.00 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Tgt Ion:232 Resp: 192688
 Ion Ratio Lower Upper
 232 100
 131 54.7 43.8 65.8
 130 2.7 2.1 3.1
 166 35.6 27.8 41.6

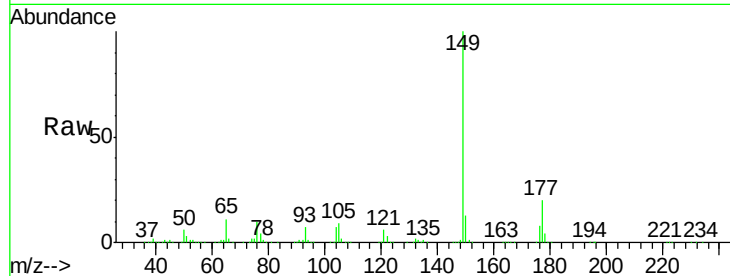




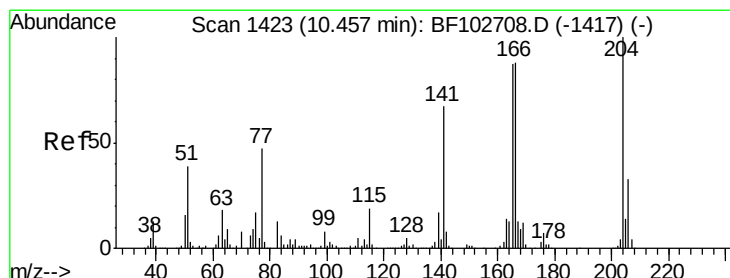
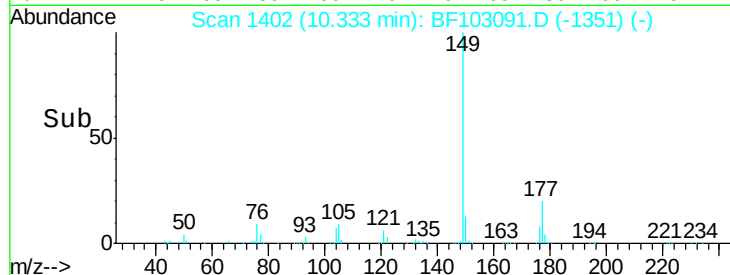
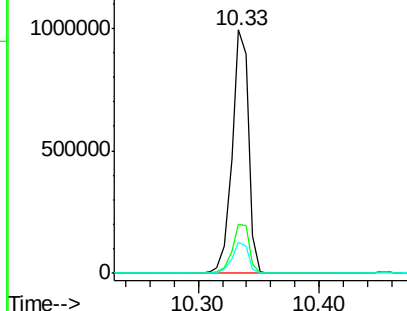
#59
Diethylphthalate
Concen: 39.03 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 941910
Ion Ratio Lower Upper
149 100
177 20.1 16.1 24.1
150 12.9 10.1 15.1

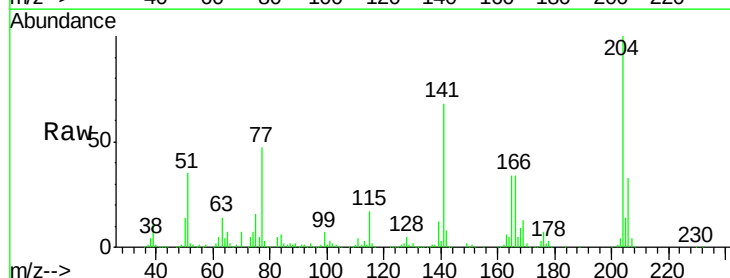


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

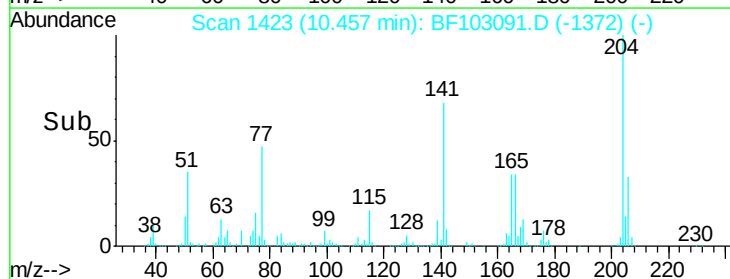
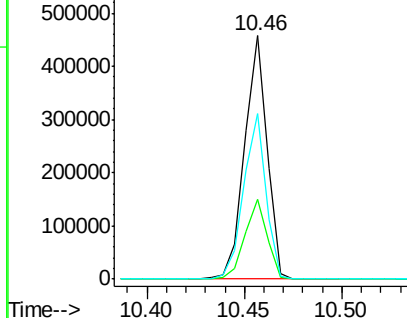


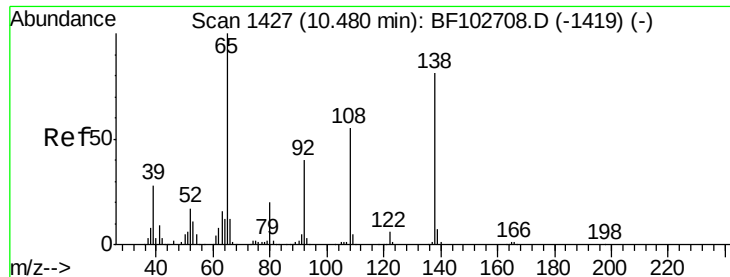
#60
4-Chlorophenyl-phenylether
Concen: 41.64 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion:204 Resp: 364704
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 68.2 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: 43.56 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampled :

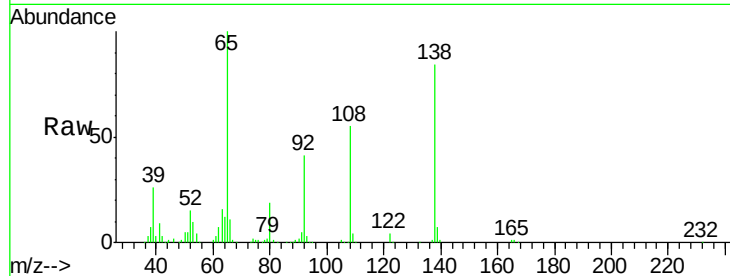
Tot Ion:138 Resp: 237252

Ion Ratio Lower Upper

138 100

92 48.6 30.2 70.2

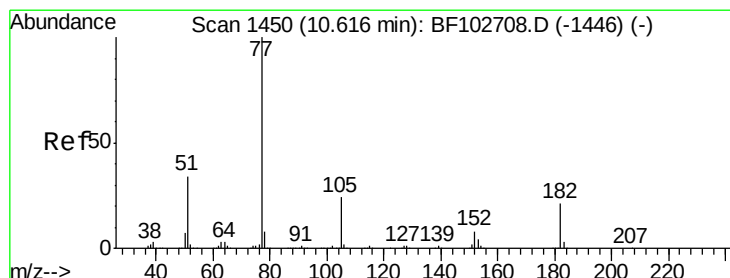
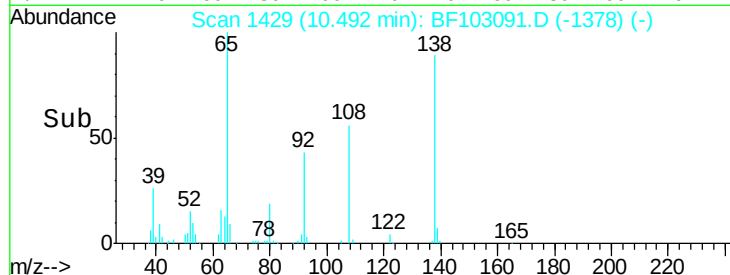
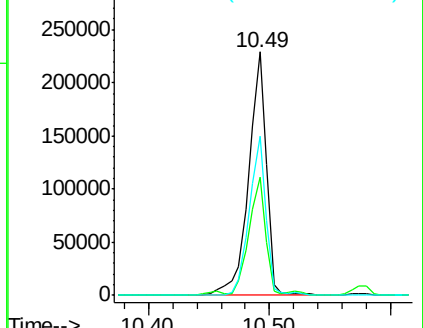
108 65.4 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.07 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Tgt Ion: 77 Resp: 942151

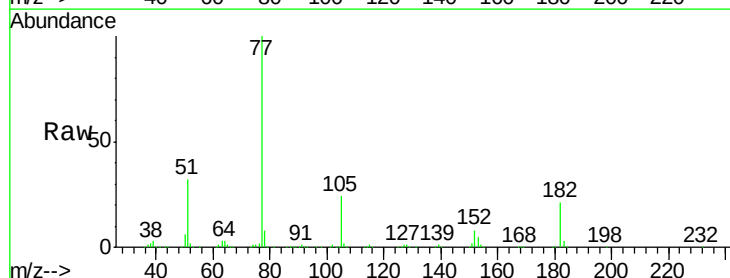
Ion Ratio Lower Upper

77 100

182 21.0 1.7 41.7

105 23.6 3.0 43.0

51 32.1 9.9 49.9

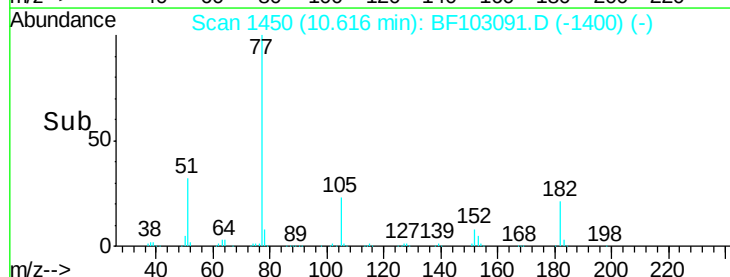
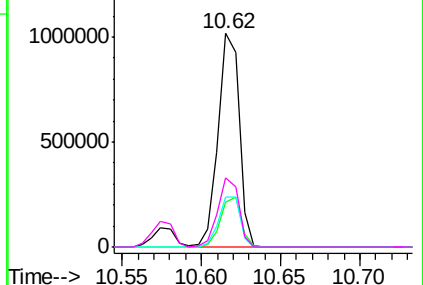


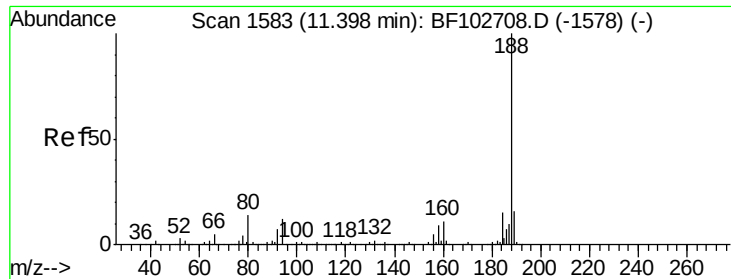
Abundance Ion 77.00 (76.70 to 77.70): BF1

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): BF1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleId :

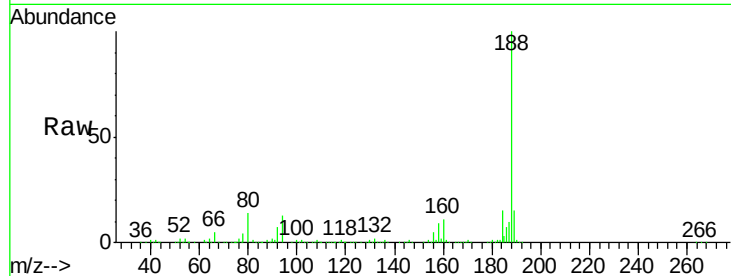
Tot Ion:188 Resp: 499293

Ion Ratio Lower Upper

188 100

94 12.5 8.5 12.7

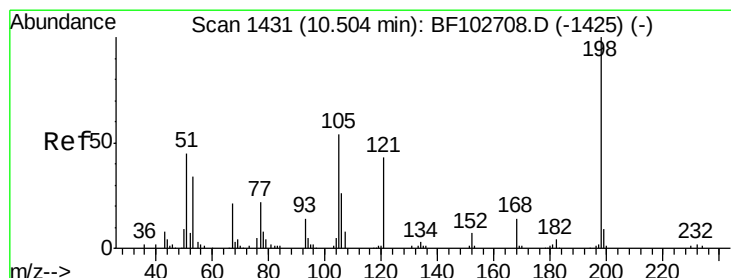
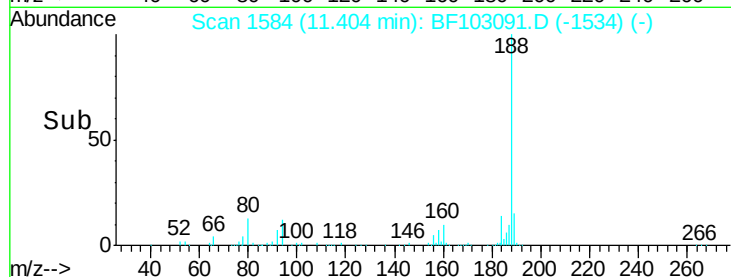
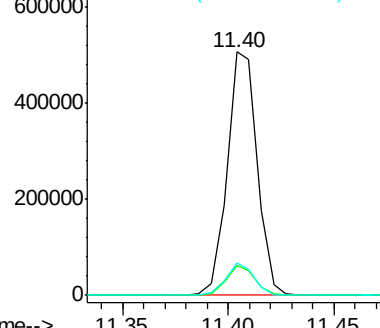
80 13.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 51.06 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

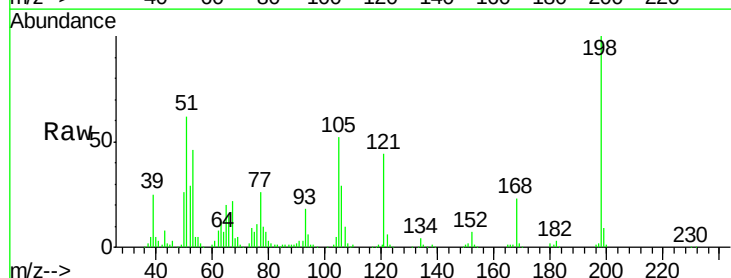
Tgt Ion:198 Resp: 108493

Ion Ratio Lower Upper

198 100

51 61.5 37.7 77.7

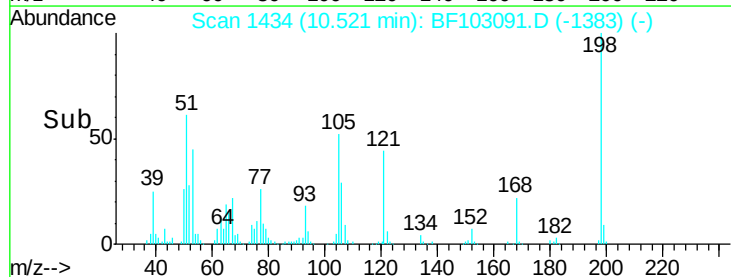
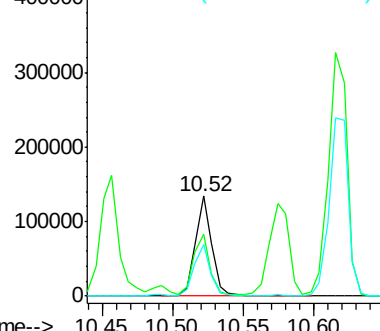
105 52.0 36.3 76.3

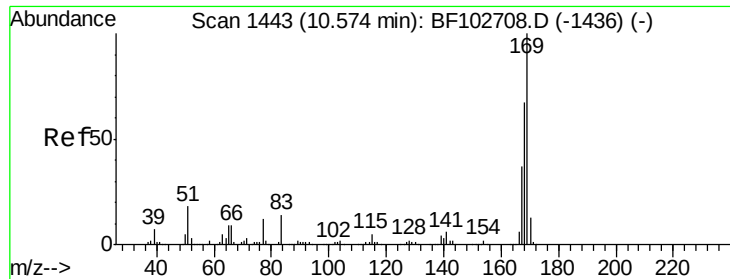


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.96 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleId :

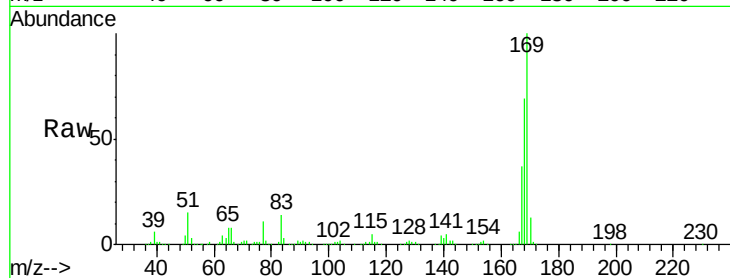
Tot Ion:169 Resp: 738899

Ion Ratio Lower Upper

169 100

168 68.7 54.4 81.6

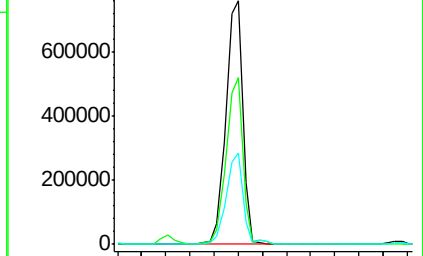
167 37.5 29.8 44.6



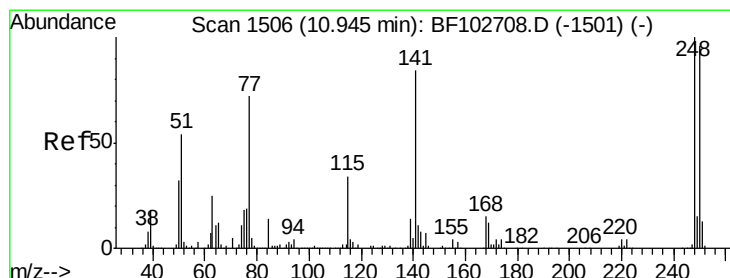
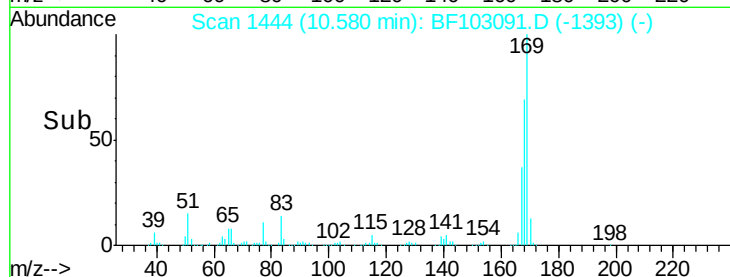
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#66

4-Bromophenyl-phenylether

Concen: 42.36 ng

RT: 10.94 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

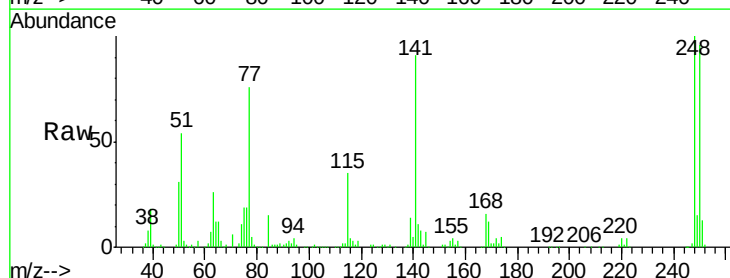
Tgt Ion:248 Resp: 223754

Ion Ratio Lower Upper

248 100

250 95.6 76.9 115.3

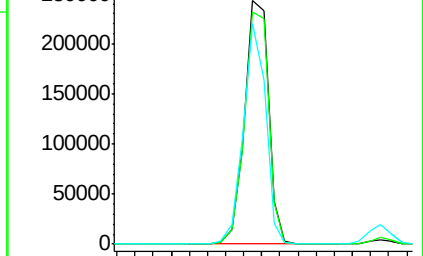
141 90.6 74.4 111.6



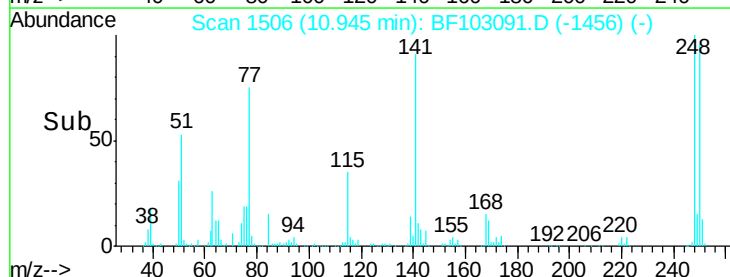
Abundance Ion 248.00 (247.70 to 248.70): E

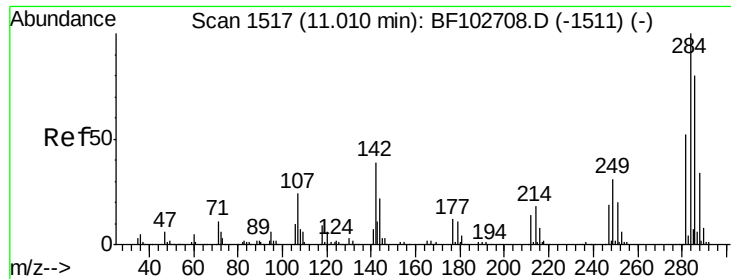
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

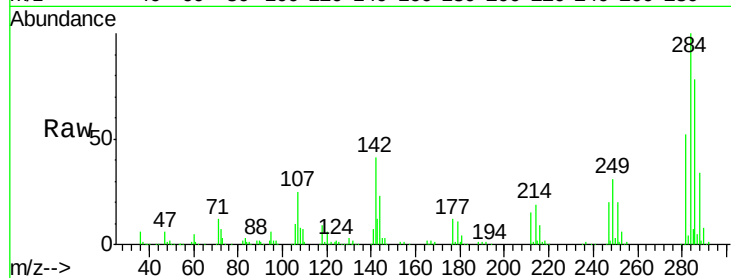




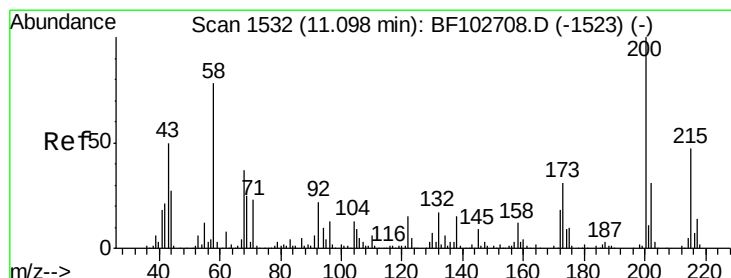
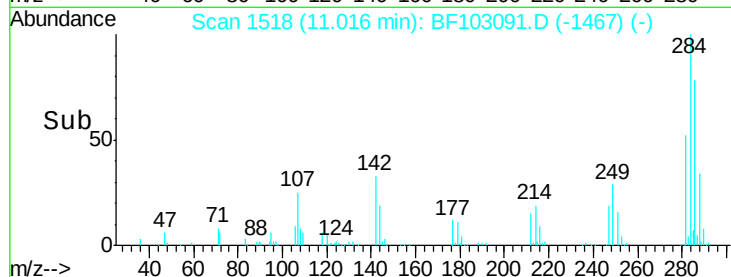
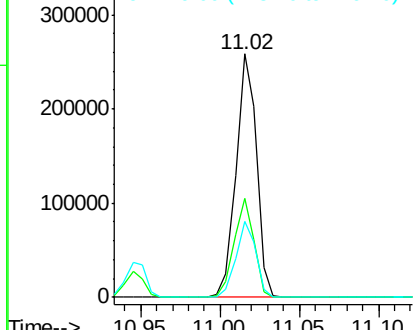
#67
Hexachlorobenzene
Concen: 39.78 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 231784
Ion Ratio Lower Upper
284 100
142 40.6 34.6 52.0
249 31.2 24.8 37.2

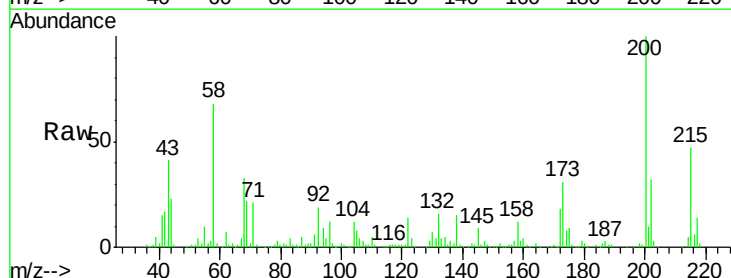


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

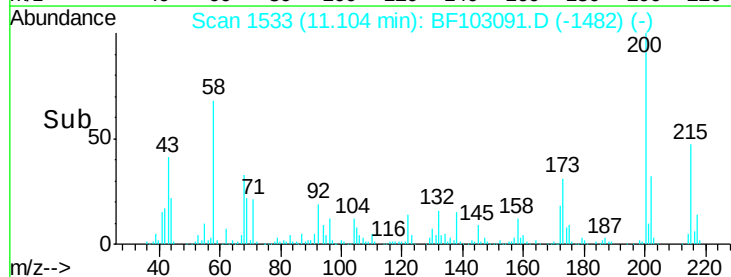
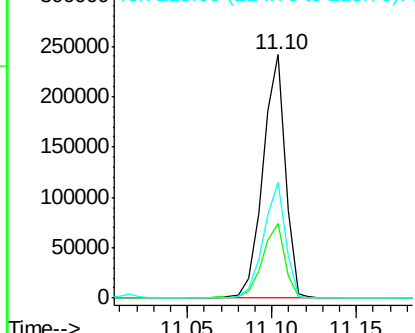


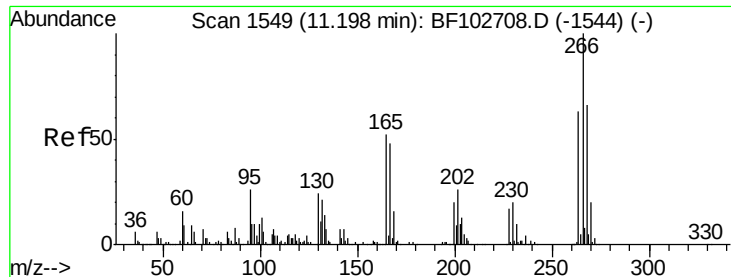
#68
Atrazine
Concen: 42.73 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion:200 Resp: 222032
Ion Ratio Lower Upper
200 100
173 30.8 8.6 48.6
215 47.4 25.1 65.1



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

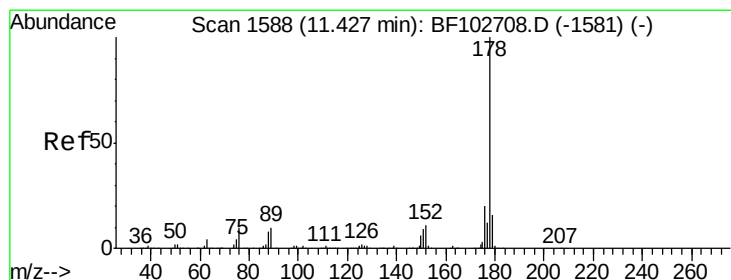
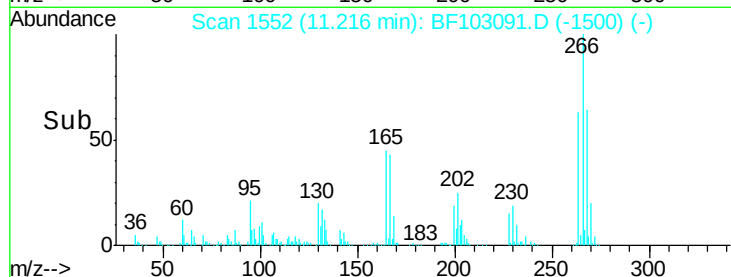
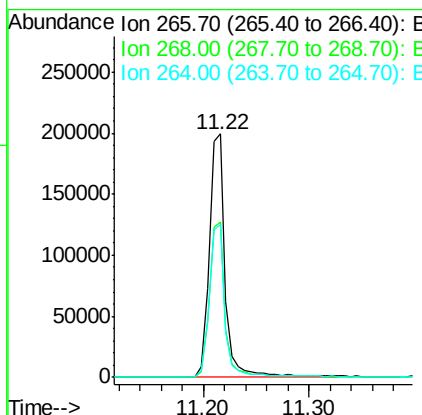
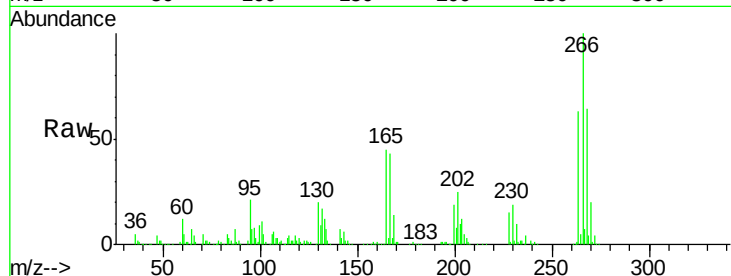




#69
 Pentachlorophenol
 Concen: 61.74 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

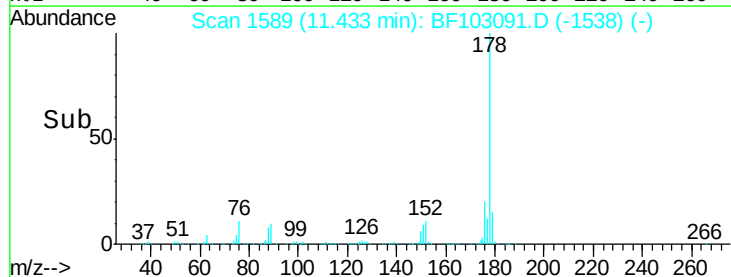
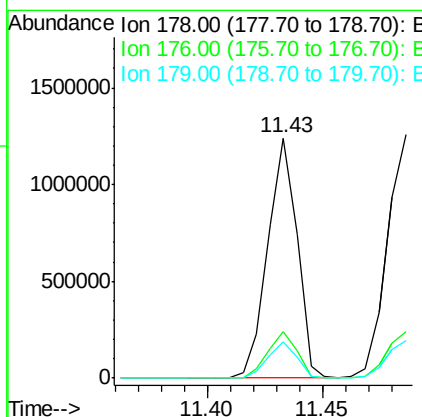
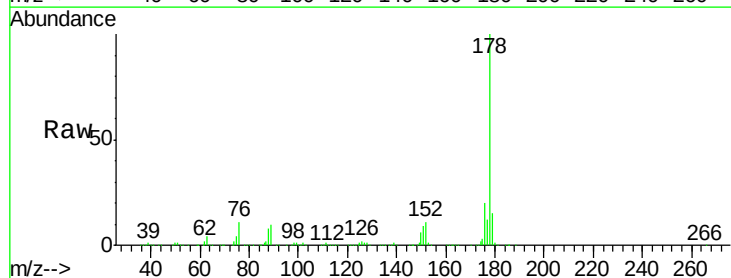
Instrument :
 BNA_F
 ClientSampleId :

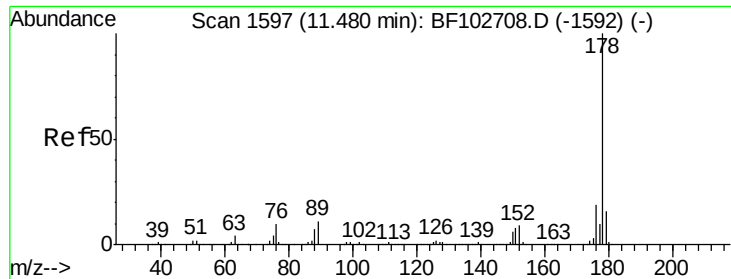
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.1	76.7
264	63.0	49.5	74.3



#70
 Phenanthrene
 Concen: 39.52 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.3	13.0	19.6

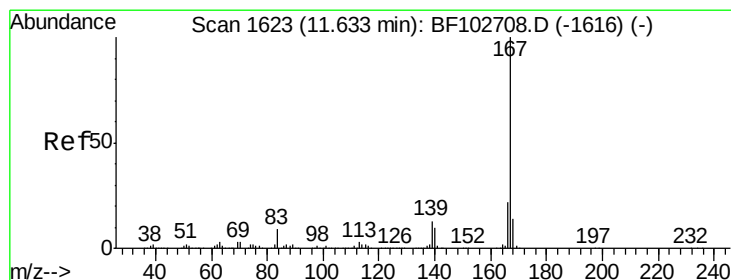
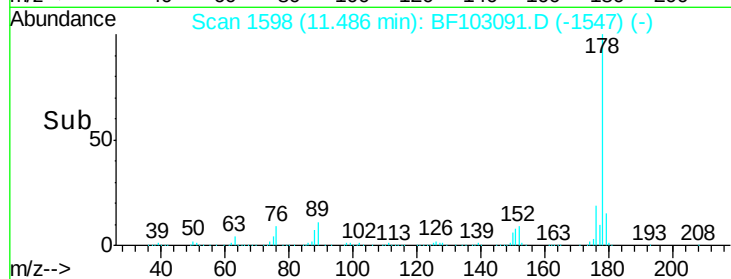
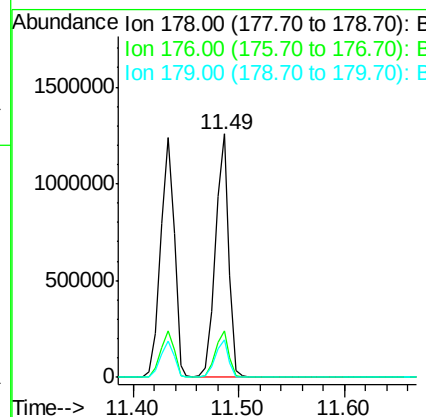
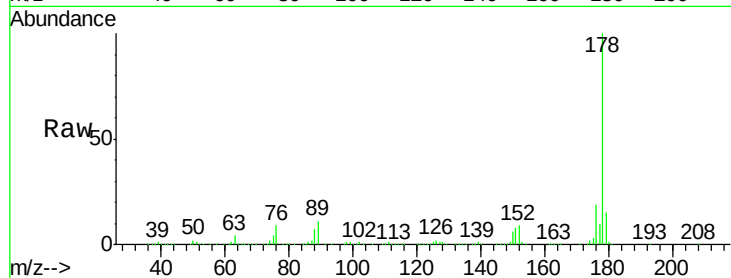




#71
 Anthracene
 Concen: 39.61 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

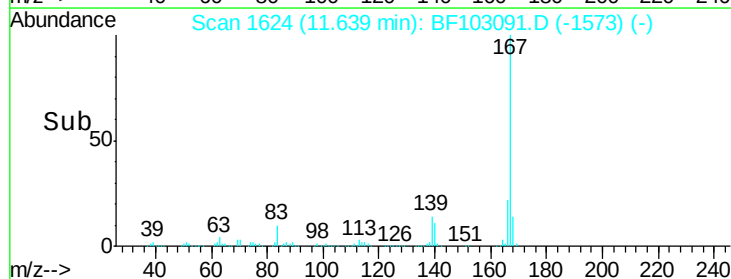
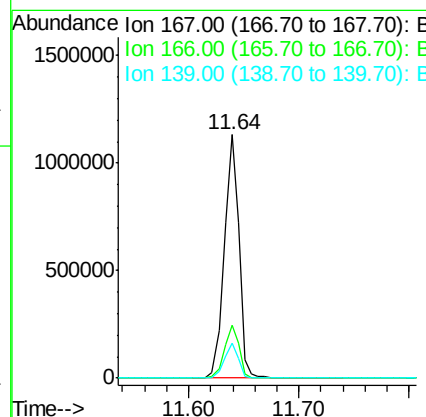
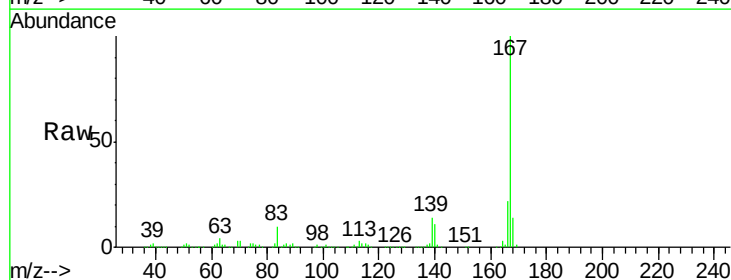
Instrument :
 BNA_F
 ClientSampleId :

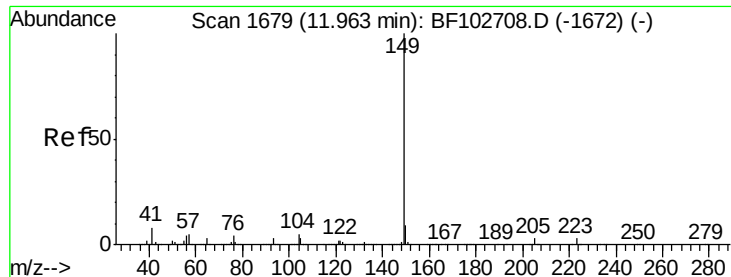
Tot Ion:178 Resp: 1120331
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 37.89 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Tgt Ion:167 Resp: 1049772
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 14.1 10.9 16.3

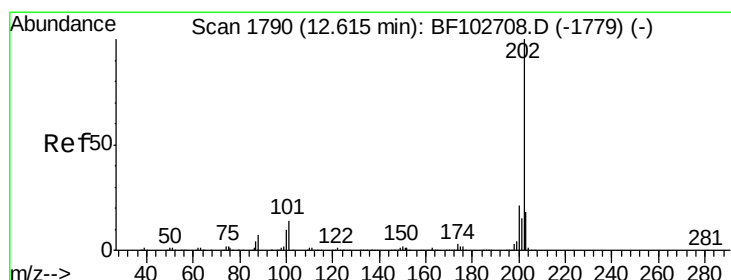
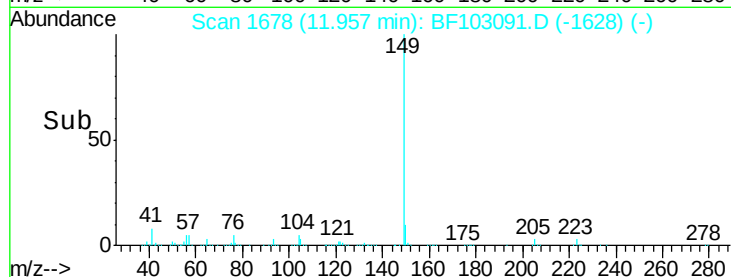
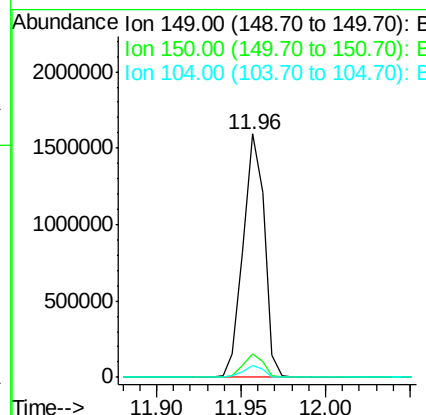
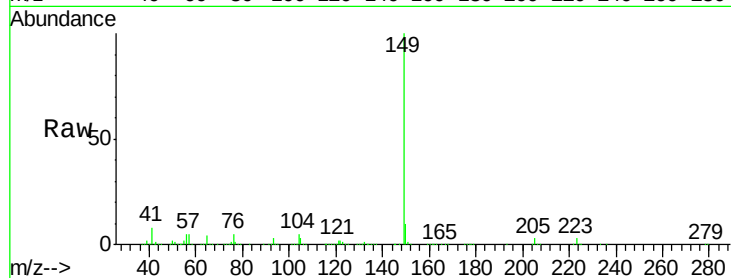




#73
Di-n-butylphthalate
Concen: 41.35 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

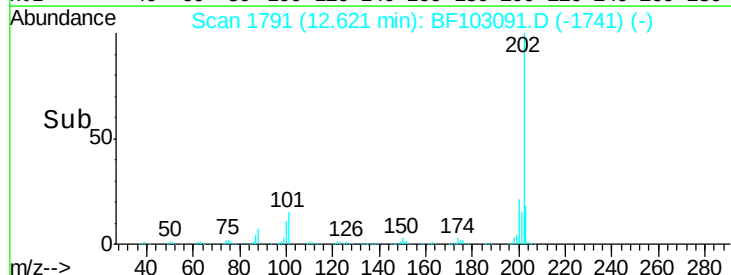
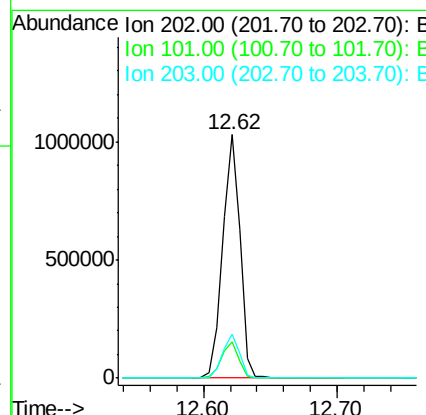
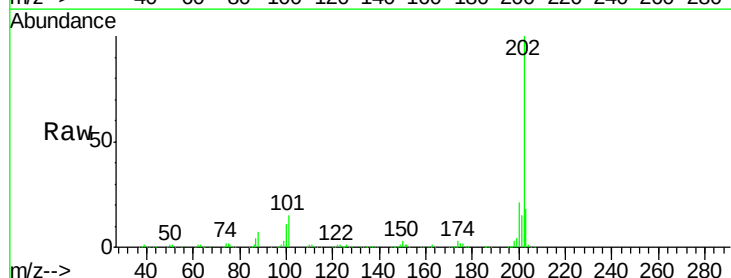
Instrument :
BNA_F
ClientSampleId :

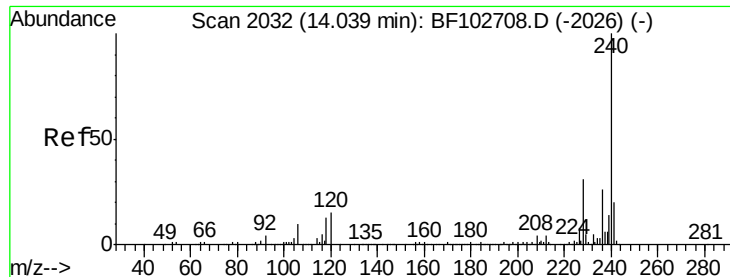
Tot Ion:149 Resp: 1391690
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 4.8 3.8 5.8



#74
Fluoranthene
Concen: 33.96 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion:202 Resp: 950241
Ion Ratio Lower Upper
202 100
101 15.0 0.0 34.1
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleId :

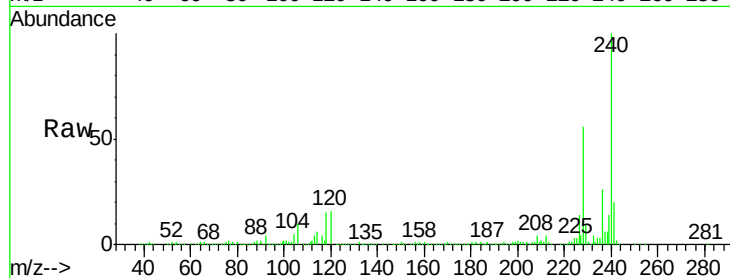
Tot Ion:240 Resp: 273743

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

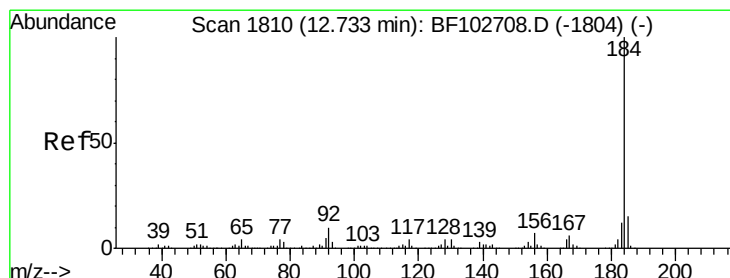
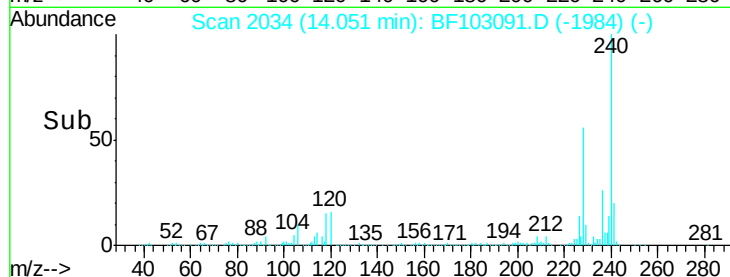
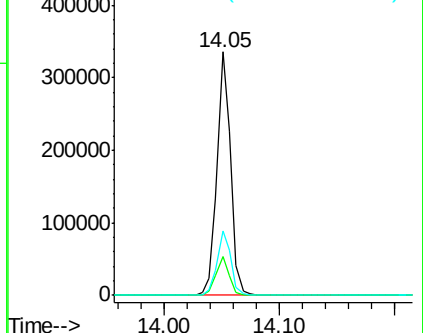
236 26.4 20.7 31.1



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: 33.80 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

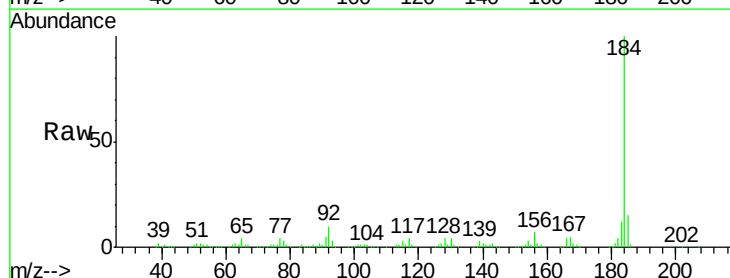
Tgt Ion:184 Resp: 425264

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

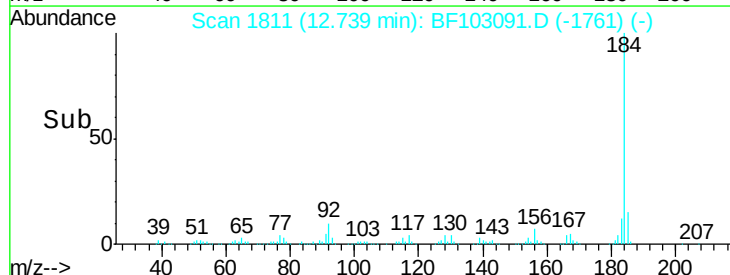
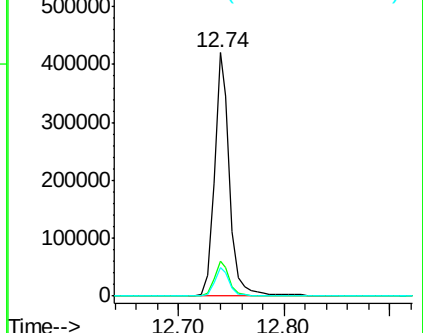
183 11.6 9.3 13.9

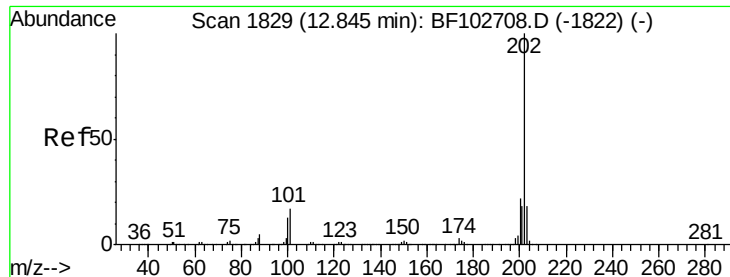


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.64 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleId :

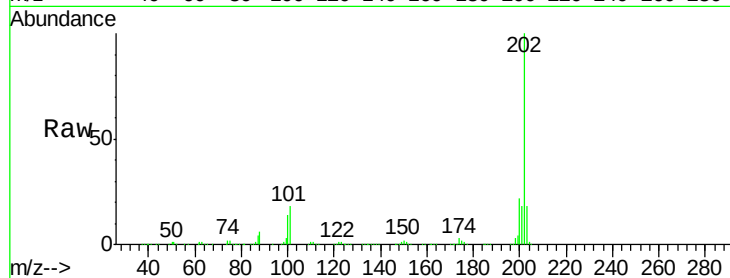
Tot Ion:202 Resp: 936830

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

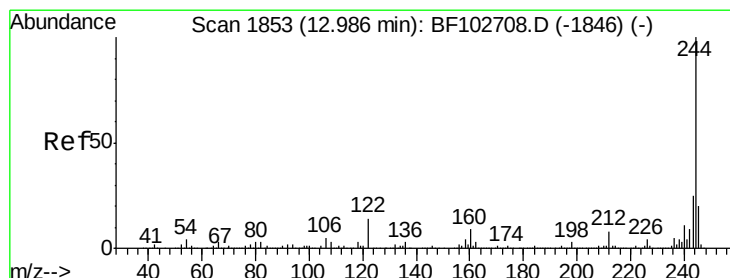
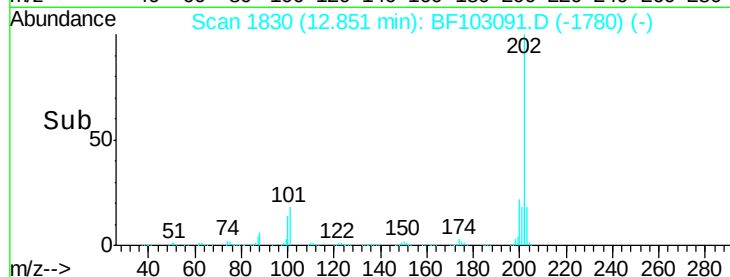
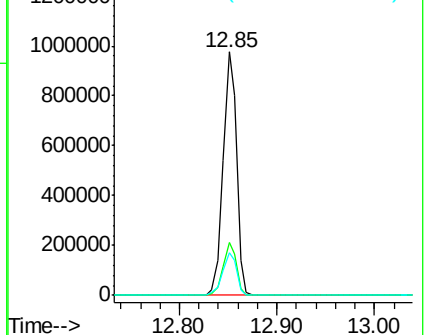
203 17.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 100.60 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

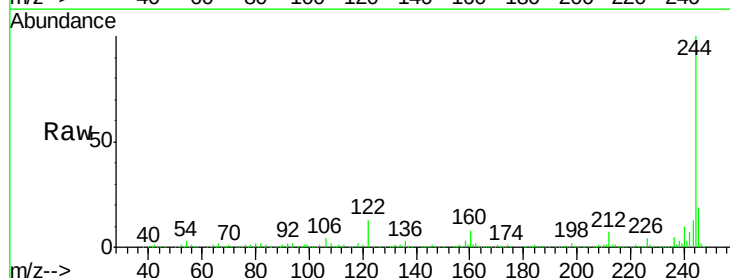
Tgt Ion:244 Resp: 1163085

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

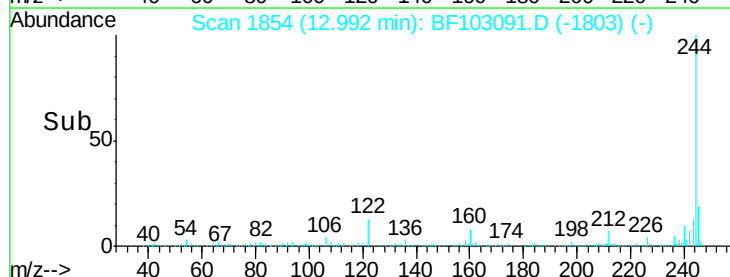
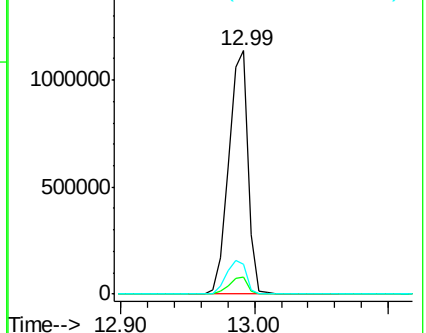
122 12.5 11.0 16.4

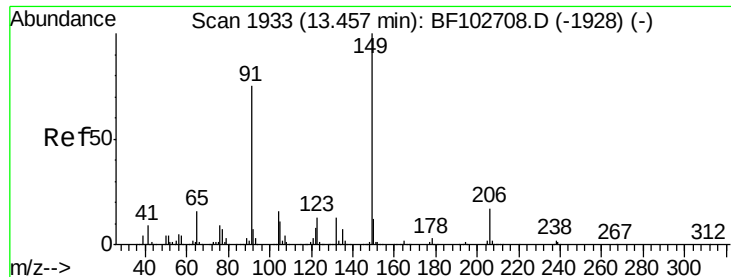


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

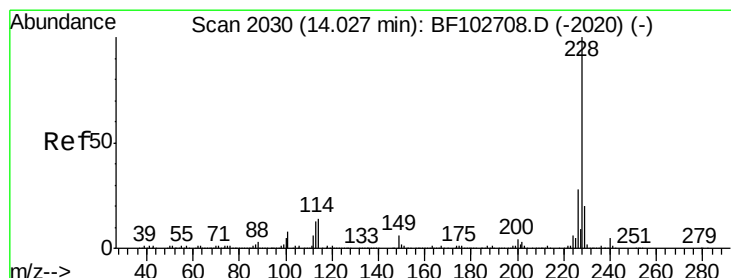
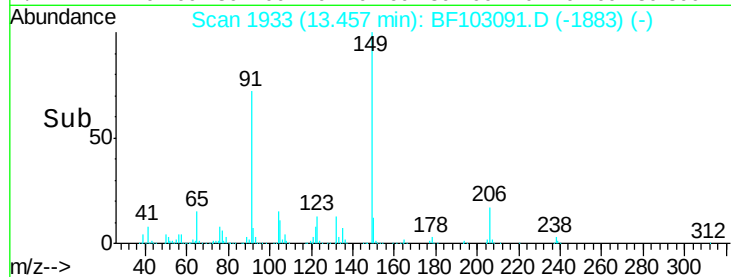
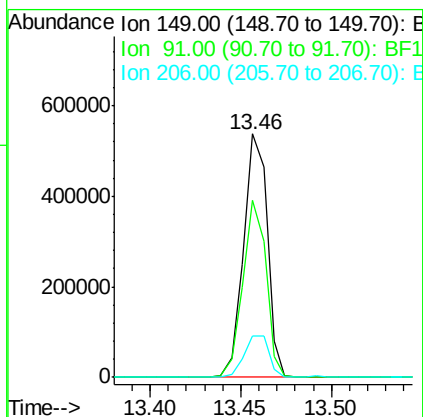
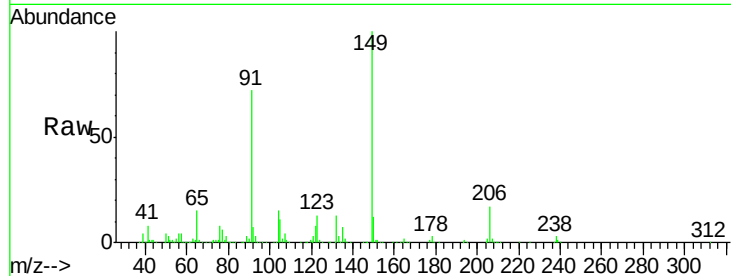




#79
Butylbenzylphthalate
Concen: 47.82 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

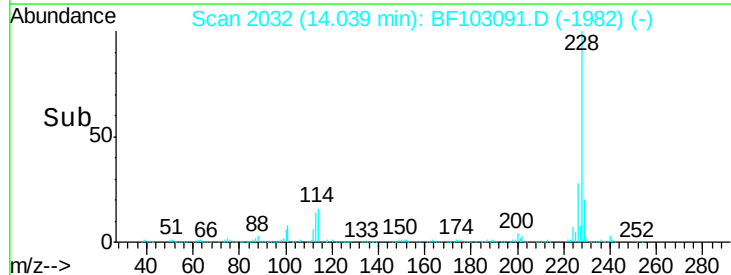
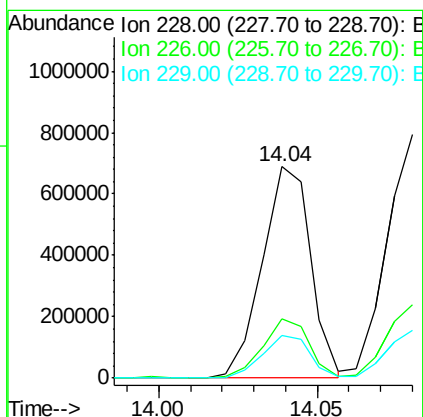
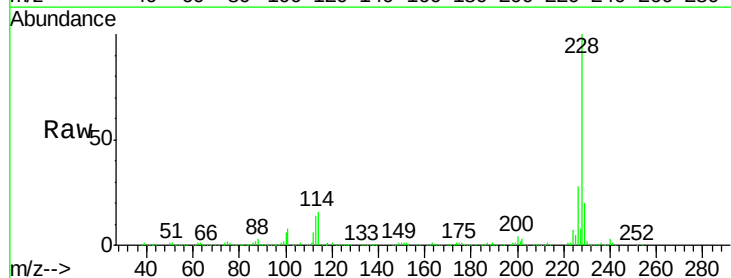
Instrument :
BNA_F
ClientSampleId :

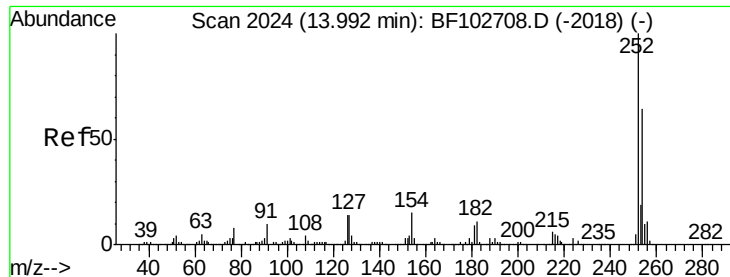
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.5	56.8	85.2
206	16.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 42.58 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.0	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 36.28 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleId :

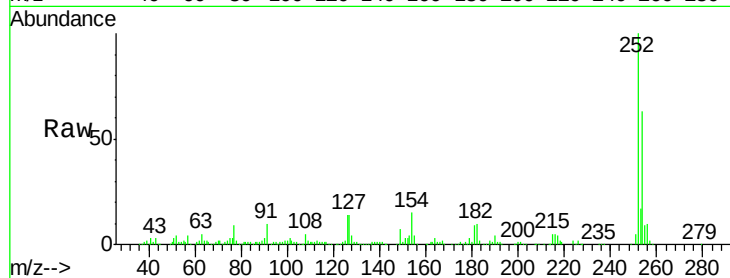
Tot Ion:252 Resp: 231583

Ion Ratio Lower Upper

252 100

254 62.9 50.4 75.6

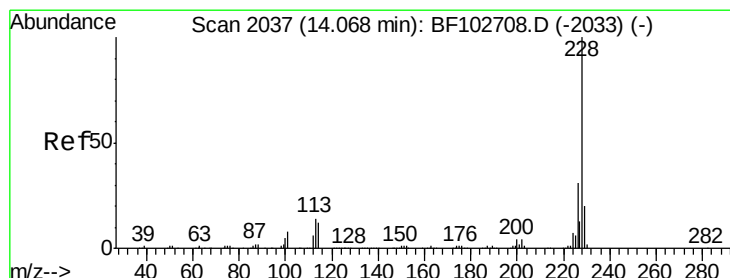
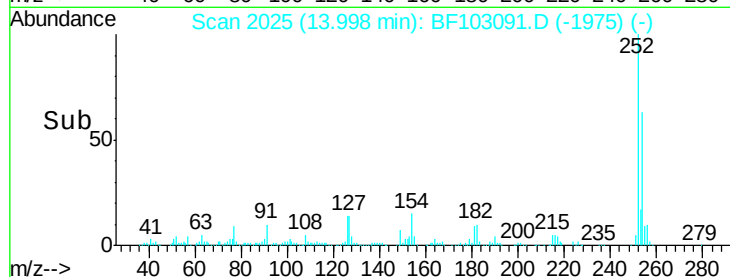
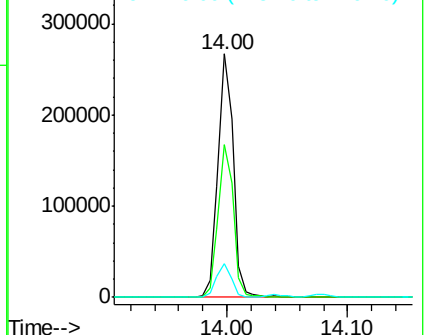
126 13.9 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 40.72 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

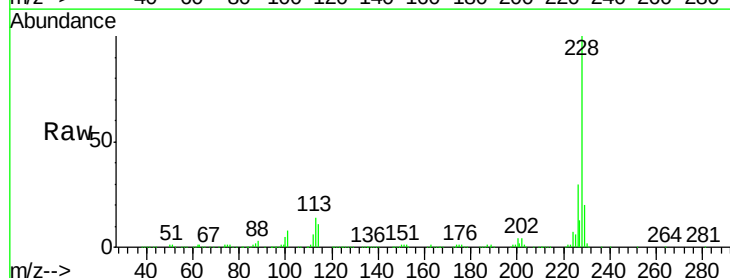
Tgt Ion:228 Resp: 706641

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

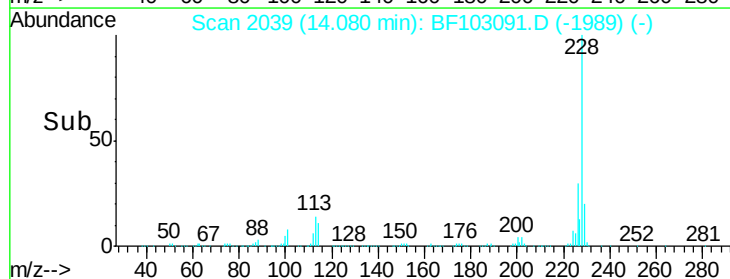
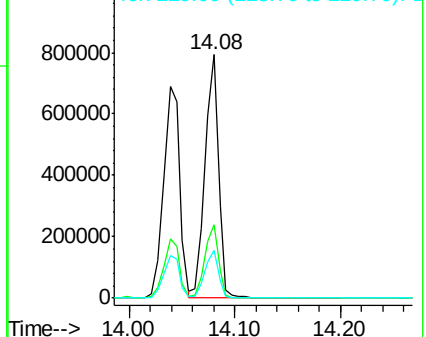
229 19.7 16.2 24.4

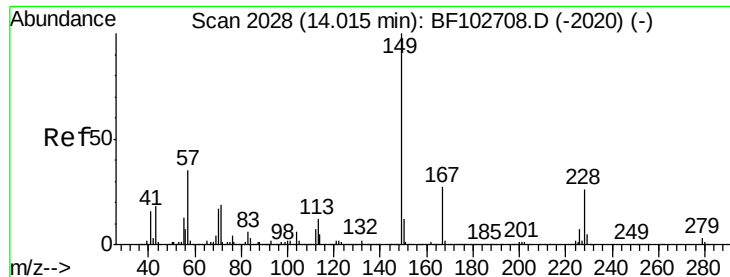


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.57 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

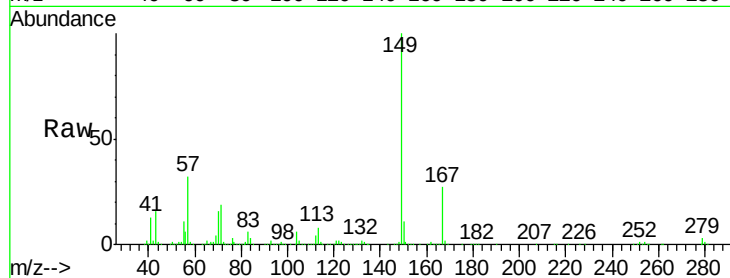
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 664997

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.3	31.9
279	3.4	3.0	4.4

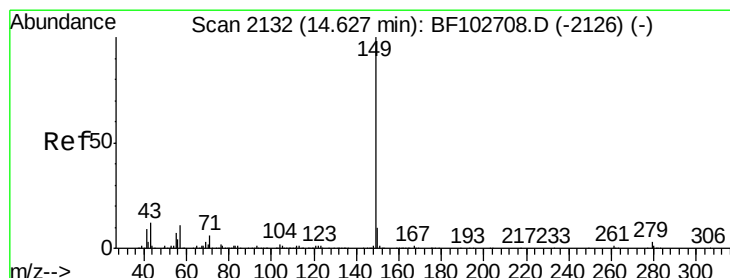
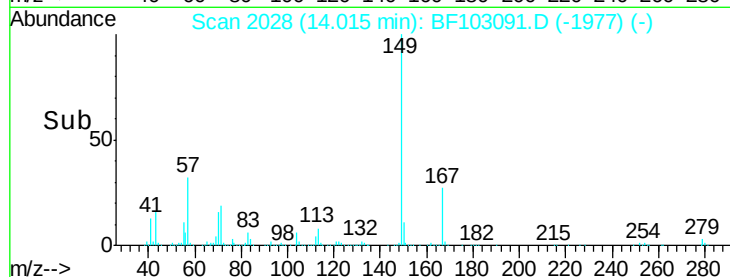


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



#84

Di-n-octyl phthalate

Concen: 55.18 ng

RT: 14.63 min Scan# 2133

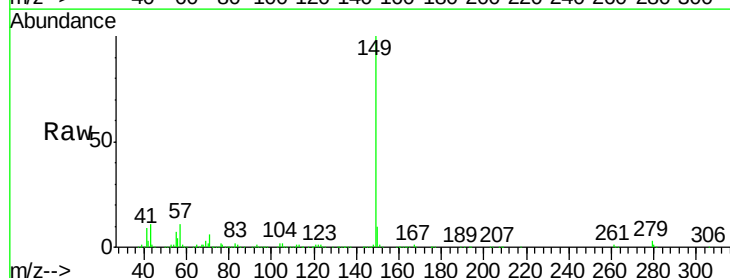
Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Tgt Ion:149 Resp: 1089556

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.7	8.4	12.6

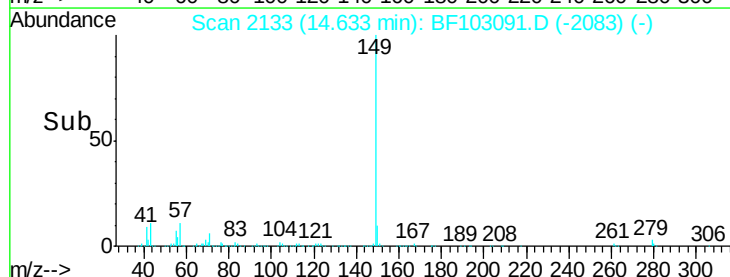


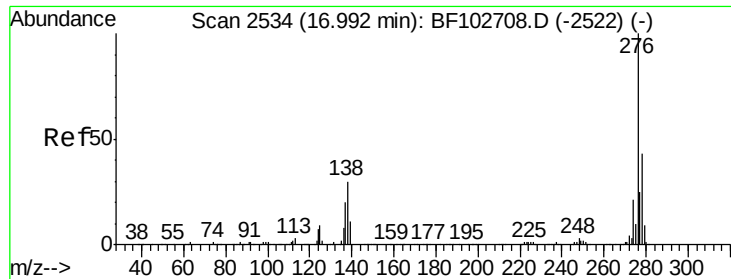
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

Time-->





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.49 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleId :

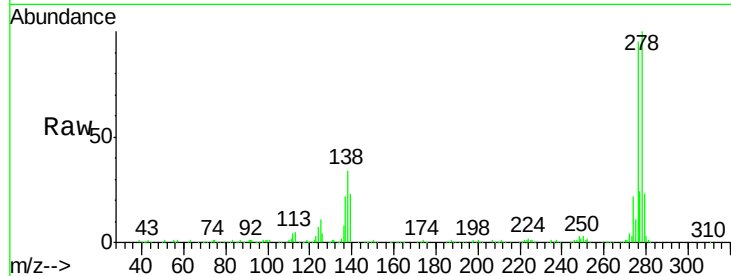
Tot Ion:276 Resp: 726680

Ion Ratio Lower Upper

276 100

138 32.7 25.0 37.6

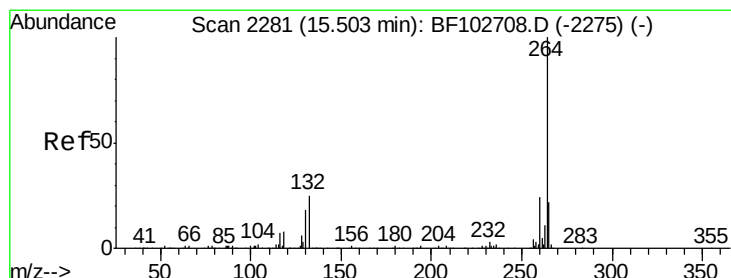
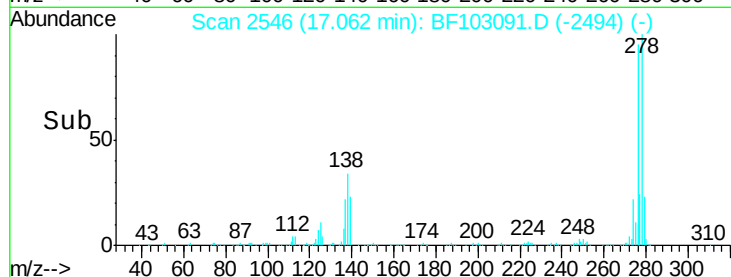
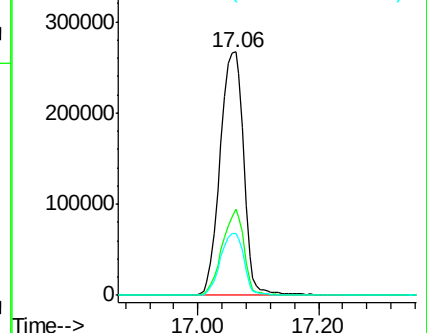
277 25.5 20.1 30.1



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: 15.54 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

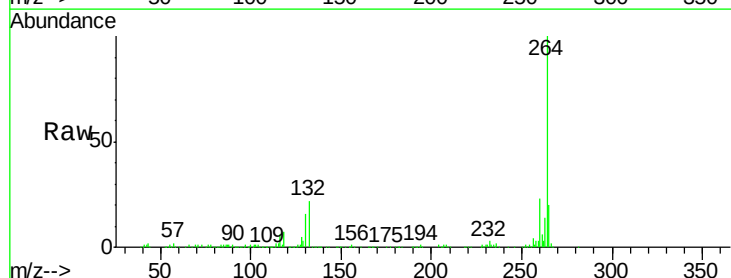
Tgt Ion:264 Resp: 306957

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

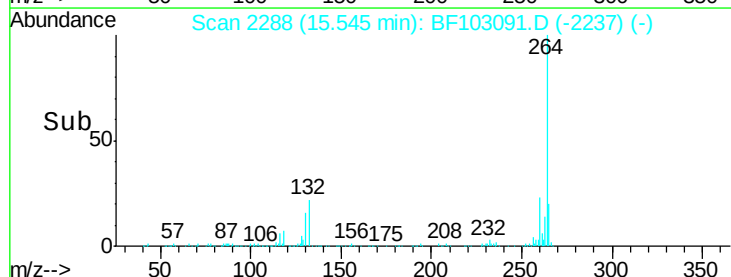
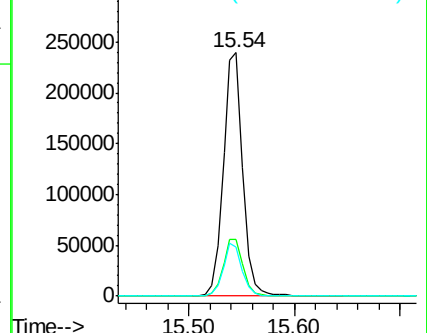
265 20.3 17.5 26.3

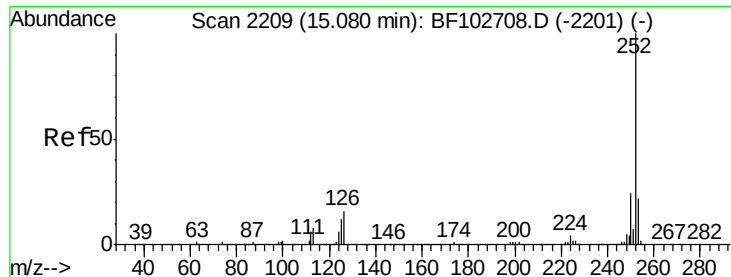


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

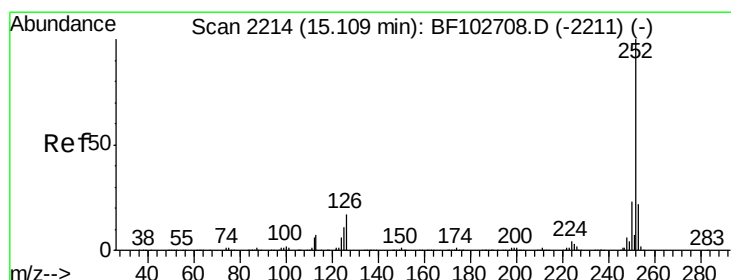
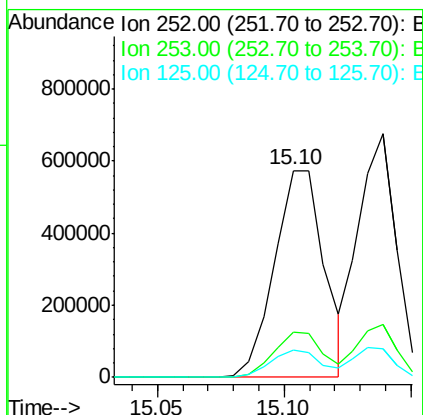
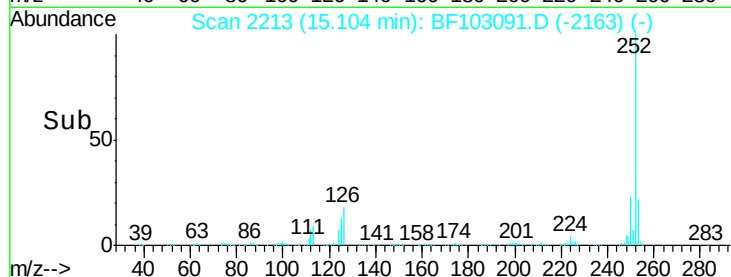
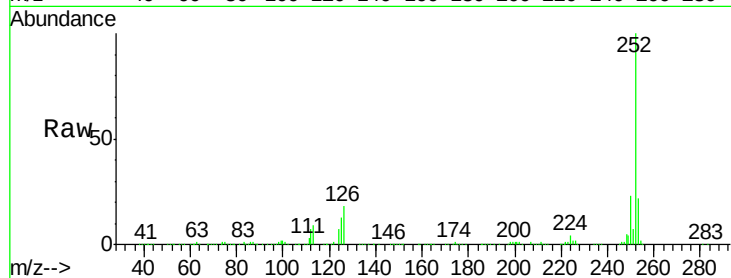




#87
Benzo(b)fluoranthene
Concen: 39.39 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

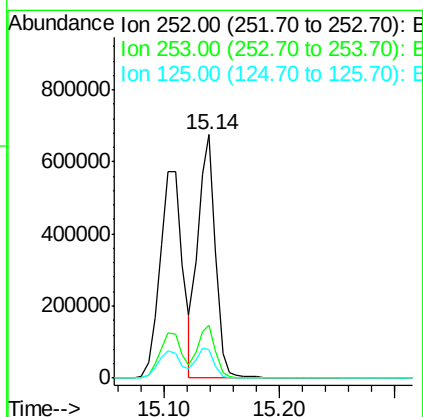
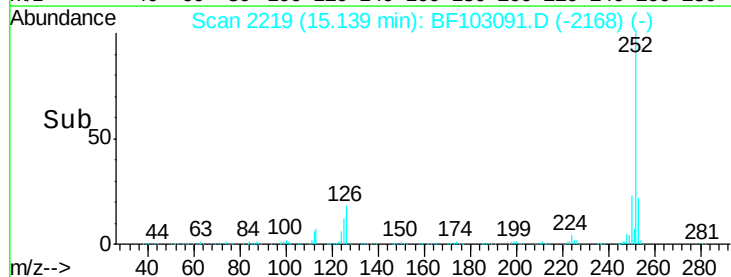
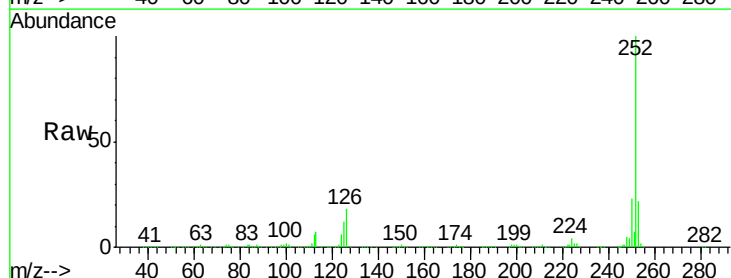
Instrument :
BNA_F
ClientSampleId :

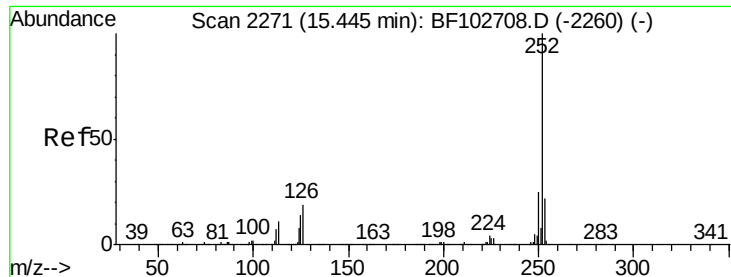
Tot Ion:252 Resp: 783918
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 13.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.84 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion:252 Resp: 719528
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 11.8 10.2 15.2





#89

Benzo(a)pyrene

Concen: 41.93 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleId :

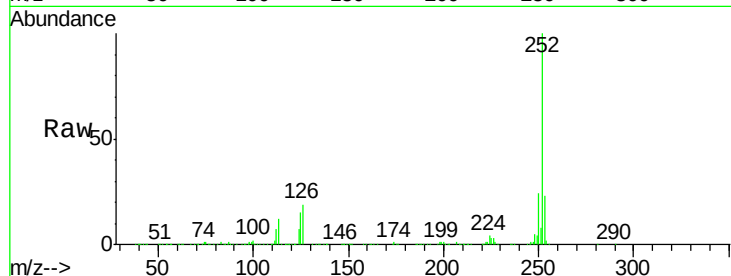
Tot Ion:252 Resp: 751096

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

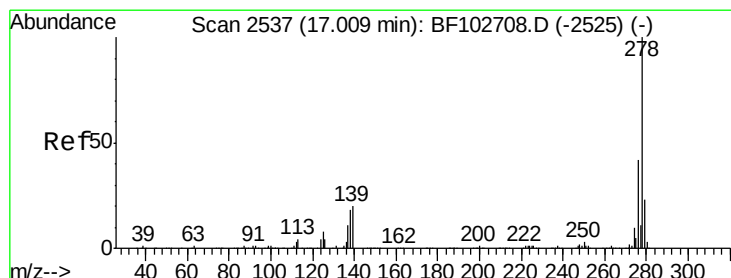
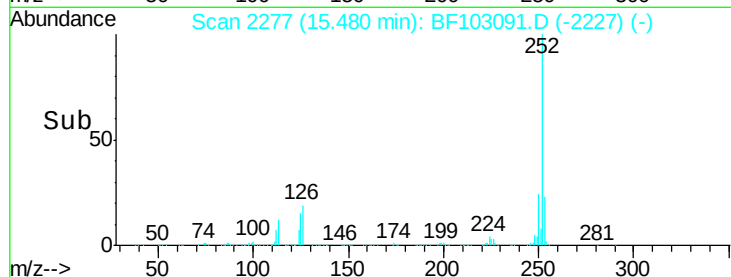
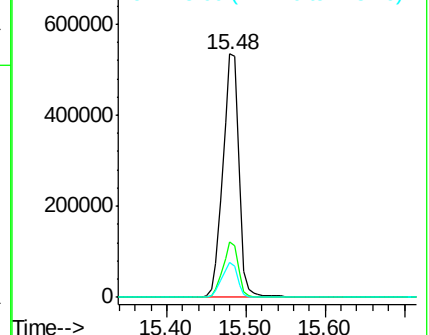
125 14.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.24 ng

RT: 17.07 min Scan# 2547

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

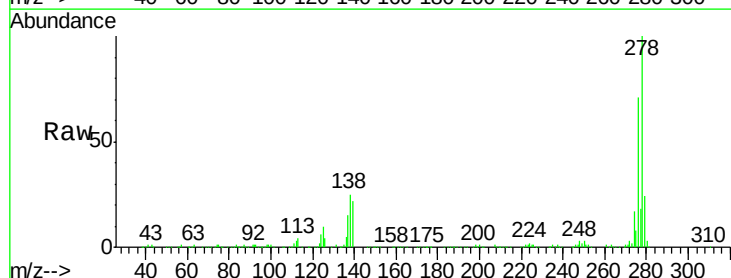
Tgt Ion:278 Resp: 614183

Ion Ratio Lower Upper

278 100

139 21.7 15.9 23.9

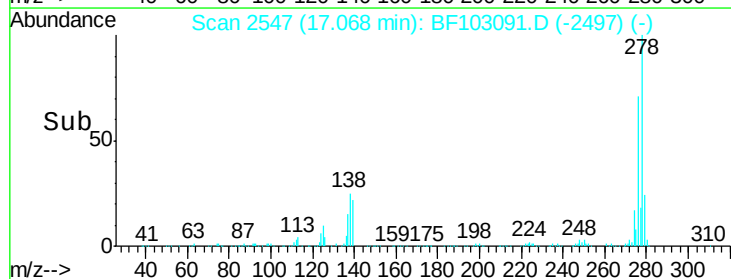
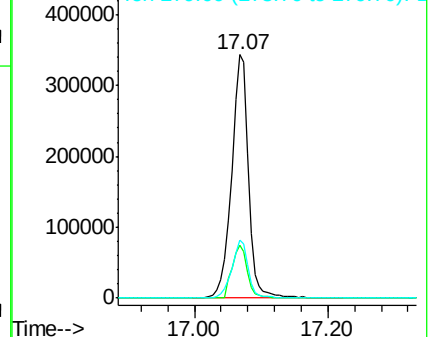
279 24.1 19.0 28.4

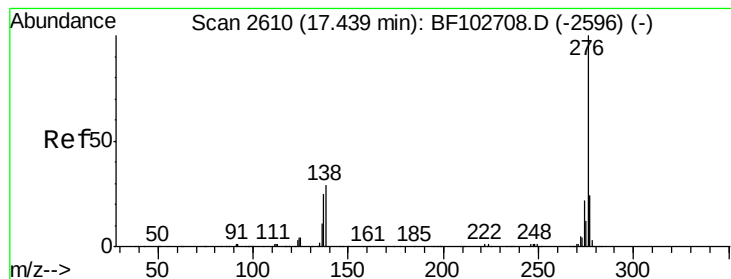


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.92 ng

RT: 17.52 min Scan# 2623

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleId :

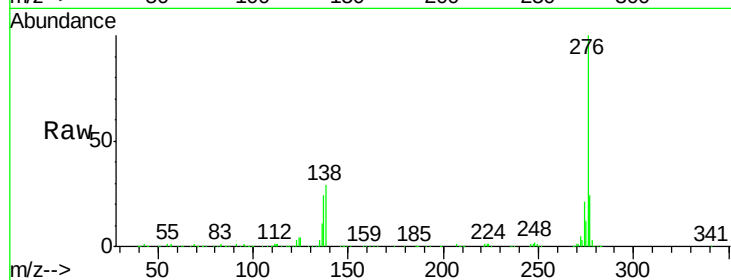
Tot Ion: 276 Resp: 582382

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 28.5 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

