

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
 Data File : BF103093.D
 Acq On : 19 Feb 2018 20:04
 Operator : SJ/JU
 Sample : PB106643BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 00:18:50 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	189200	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	779152	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	341864	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	549201	20.00	ng	0.00
75) Chrysene-d12	14.05	240	305891	20.00	ng	0.00
86) Perylene-d12	15.54	264	329636	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1348460	108.24	ng	0.02
7) Phenol-d6	6.52	99	1624055	108.27	ng	0.00
23) Nitrobenzene-d5	7.45	82	1058909	94.28	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	316251	114.93	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1626814	78.96	ng	0.00
78) Terphenyl-d14	12.99	244	1214480	94.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	218051	35.44	ng	90
3) Pyridine	3.52	79	631557	37.15	ng	94
4) n-Nitrosodimethylamine	3.46	42	296903	40.82	ng	95
6) Aniline	6.55	93	493158	22.26	ng	97
8) 2-Chlorophenol	6.67	128	505958	39.45	ng	96
9) Benzaldehyde	6.43	77	93341	8.38	ng	98
10) Phenol	6.53	94	643372	40.02	ng	88
11) bis(2-Chloroethyl)ether	6.62	93	511930	38.27	ng	94
12) 1,3-Dichlorobenzene	6.82	146	538522	36.26	ng	99
13) 1,4-Dichlorobenzene	6.89	146	545612	36.88	ng	99
14) 1,2-Dichlorobenzene	7.05	146	491714	35.68	ng	99
15) Benzyl Alcohol	7.02	79	434545	37.68	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	879889	34.63	ng	99
17) 2-Methylphenol	7.13	107	450470	38.08	ng	98
18) Hexachloroethane	7.39	117	200401	39.50	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	340918	34.47	ng	97
20) 3+4-Methylphenols	7.29	107	495726	33.98	ng	# 67
22) Acetophenone	7.29	105	672271	35.26	ng	# 89
24) Nitrobenzene	7.46	77	563220	42.63	ng	98
25) Isophorone	7.70	82	1041811	40.28	ng	98
26) 2-Nitrophenol	7.78	139	293011	52.90	ng	97
27) 2,4-Dimethylphenol	7.82	122	485654	44.45	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	657227	42.90	ng	98
29) 2,4-Dichlorophenol	8.02	162	423089	42.59	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	414783	36.91	ng	98
31) Naphthalene	8.19	128	1413239	37.12	ng	100
32) Benzoic acid	7.95	122	309870	42.29	ng	99
33) 4-Chloroaniline	8.23	127	158149	9.64	ng	97
34) Hexachlorobutadiene	8.29	225	212729	36.94	ng	99
35) Caprolactam	8.61	113	112528	32.62	ng	# 78
36) 4-Chloro-3-methylphenol	8.72	107	468699	42.00	ng	98
37) 2-Methylnaphthalene	8.87	142	953552	38.26	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	363335	39.03	ng	99
40) Hexachlorocyclopentadiene	9.02	237	187226	42.31	ng	100

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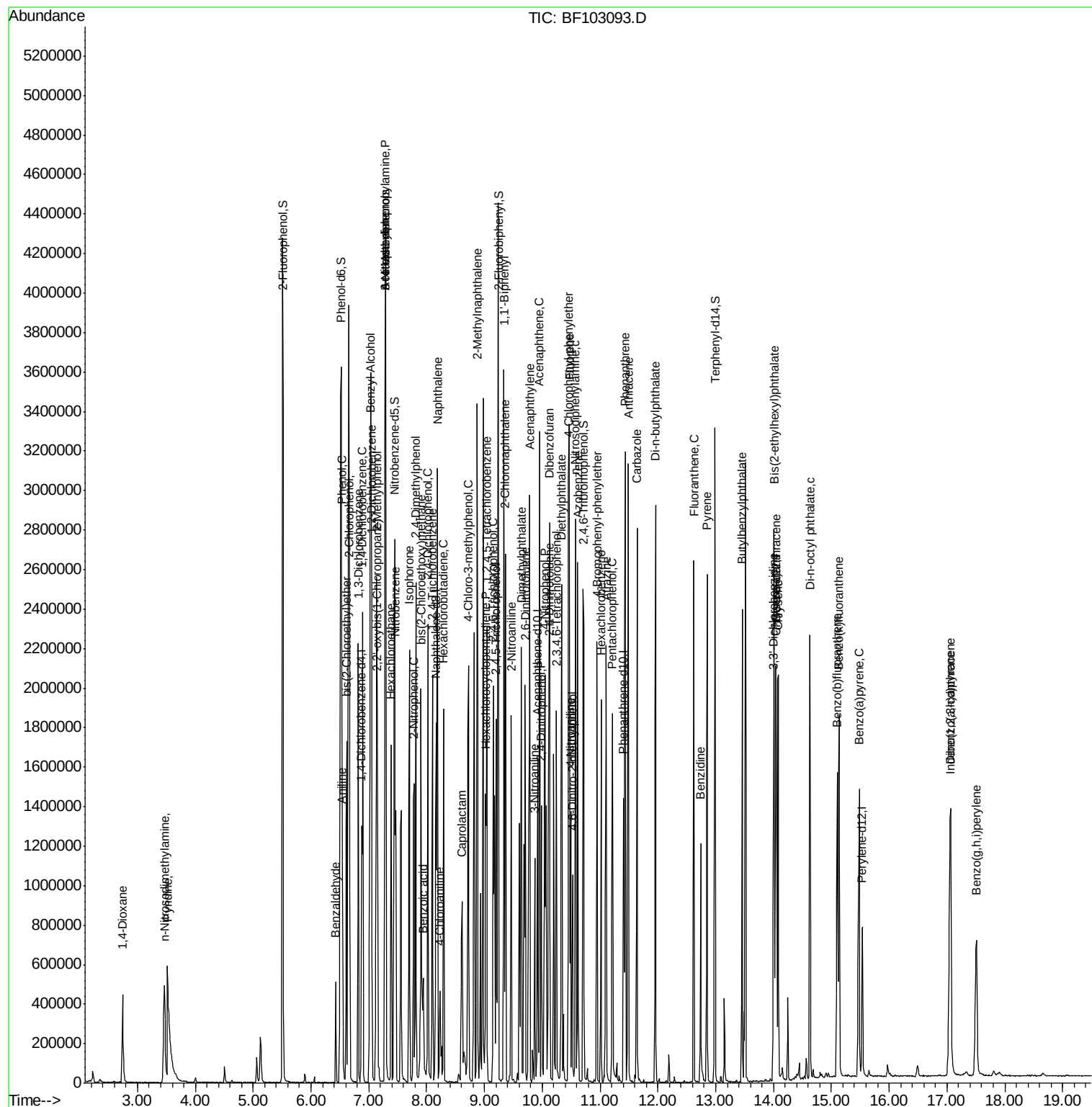
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	260795	42.66	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	279832	40.61	nq	94
45) 1,1'-Biphenyl	9.34	154	1076582	37.39	nq	99
46) 2-Chloronaphthalene	9.37	162	864601	38.14	nq	97
47) 2-Nitroaniline	9.46	65	322263	46.21	nq	91
48) Acenaphthylene	9.78	152	1279255	36.33	nq	99
49) Dimethylphthalate	9.64	163	1049591	39.38	nq	100
50) 2,6-Dinitrotoluene	9.70	165	233154	45.97	nq	96
51) Acenaphthene	9.95	154	744514	35.36	nq	98
52) 3-Nitroaniline	9.87	138	165394	26.51	nq	95
53) 2,4-Dinitrophenol	9.99	184	156397	86.61	nq	# 20
54) Dibenzofuran	10.13	168	1123910	37.88	nq	99
55) 4-Nitrophenol	10.05	139	354713	69.72	nq	94
56) 2,4-Dinitrotoluene	10.11	165	300704	44.45	nq	97
57) Fluorene	10.47	166	849718	39.36	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	207019	43.34	nq	99
59) Diethylphthalate	10.33	149	988405	37.55	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	383706	40.18	nq	98
61) 4-Nitroaniline	10.49	138	251514	42.35	nq	93
62) Azobenzene	10.62	77	984620	37.45	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	112661	48.95	nq	96
65) n-Nitrosodiphenylamine	10.58	169	785486	40.55	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	235545	40.54	nq	97
67) Hexachlorobenzene	11.02	284	245670	38.33	nq	97
68) Atrazine	11.10	200	237786	41.61	nq	99
69) Pentachlorophenol	11.22	266	220973	58.74	nq	98
70) Phenanthrene	11.43	178	1143896	37.40	nq	99
71) Anthracene	11.49	178	1180941	37.96	nq	99
72) Carbazole	11.64	167	1118056	36.68	nq	99
73) Di-n-butylphthalate	11.96	149	1485133	40.11	nq	99
74) Fluoranthene	12.62	202	1022247	33.22	nq	99
76) Benzidine	12.74	184	440388	31.32	nq	97
77) Pyrene	12.85	202	1006960	41.98	nq	99
79) Butylbenzylphthalate	13.46	149	541139	47.18	nq	99
80) Benzo(a)anthracene	14.04	228	795747	41.36	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	247606	34.71	nq	99
82) Chrysene	14.08	228	750654	38.71	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	723257	49.22	nq	# 100
84) Di-n-octyl phthalate	14.63	149	1164788	52.79	nq	99
85) Indeno(1,2,3-cd)pyrene	17.05	276	759345	47.21	nq	99
87) Benzo(b)fluoranthene	15.10	252	794968	37.20	nq	97
88) Benzo(k)fluoranthene	15.13	252	775337	37.97	nq	99
89) Benzo(a)pyrene	15.48	252	765907	39.81	nq	97
90) Dibenzo(a,h)anthracene	17.06	278	638123	40.87	nq	98
91) Benzo(g,h,i)perylene	17.51	276	609159	39.86	nq	97

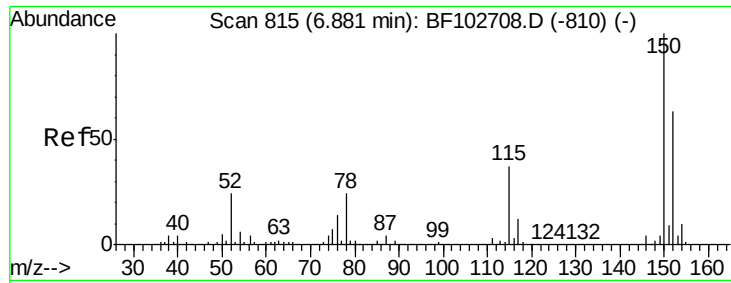
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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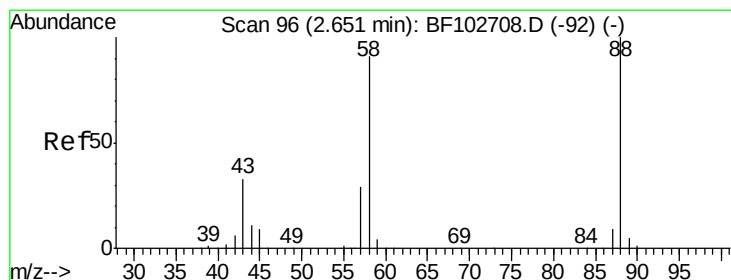
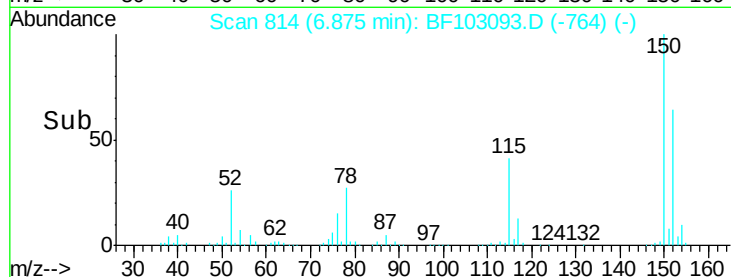
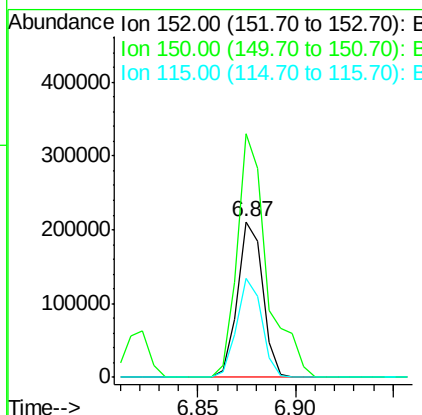
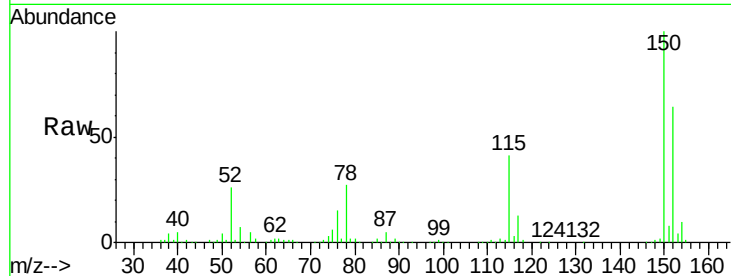


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampleId :

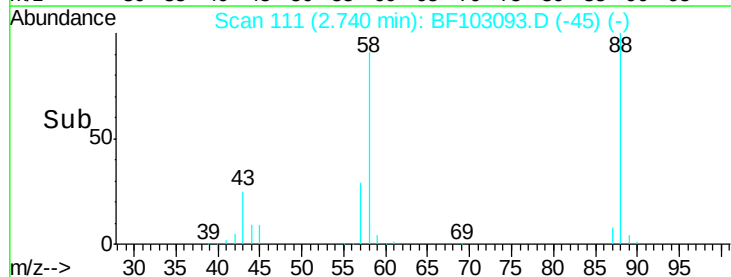
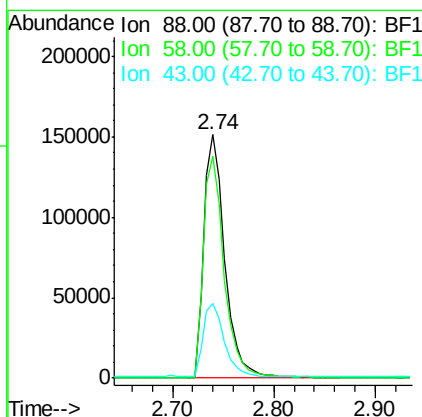
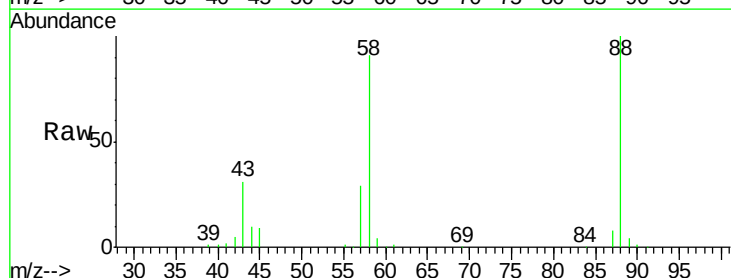
Tot Ion:152 Resp: 189200
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 63.4 50.1 75.1

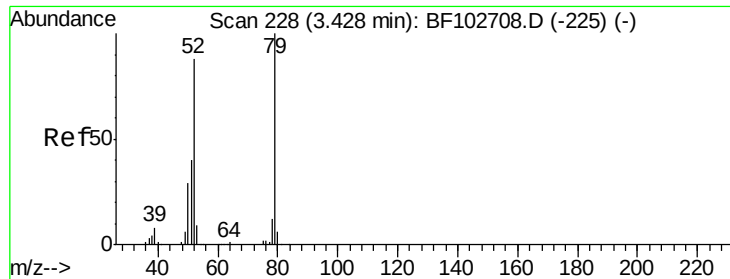


#2

1,4-Dioxane
Concen: 35.44 ng
RT: 2.74 min Scan# 111
Delta R.T. 0.09 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion: 88 Resp: 218051
Ion Ratio Lower Upper
88 100
58 90.1 62.6 93.8
43 29.8 24.6 37.0





#3

Pvridine

Concen: 37.15 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.09 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampled :

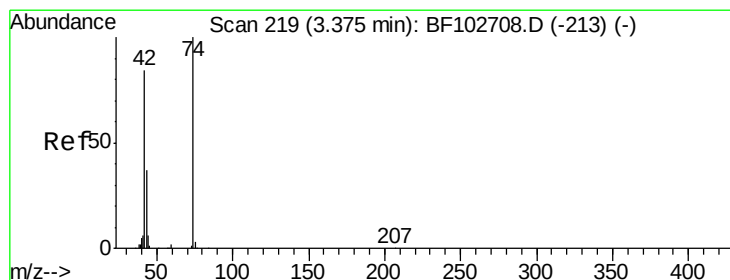
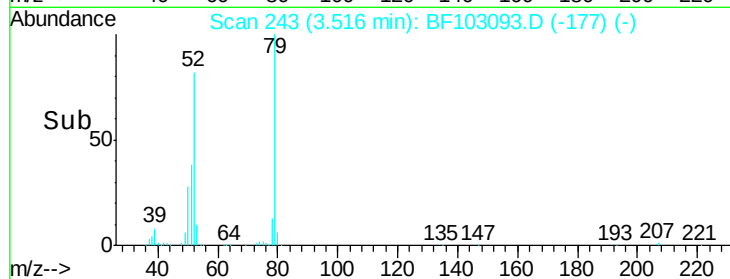
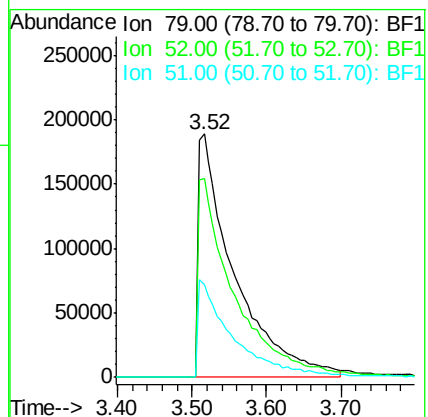
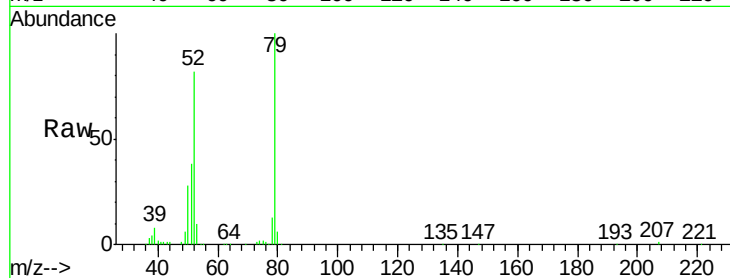
Tot Ion: 79 Resp: 631557

Ion Ratio Lower Upper

79 100

52 81.6 59.8 89.6

51 38.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 40.82 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.08 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

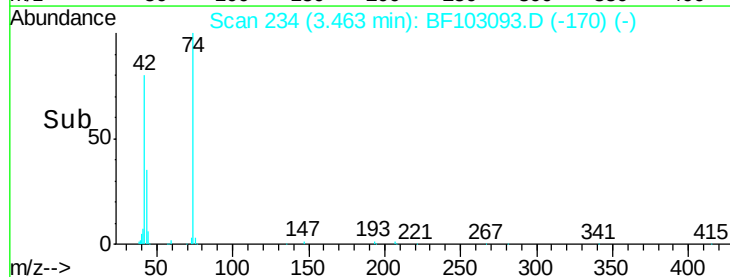
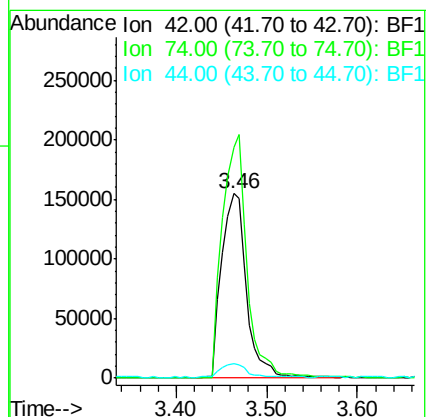
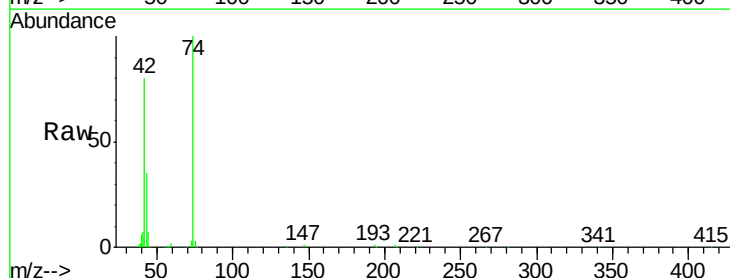
Tgt Ion: 42 Resp: 296903

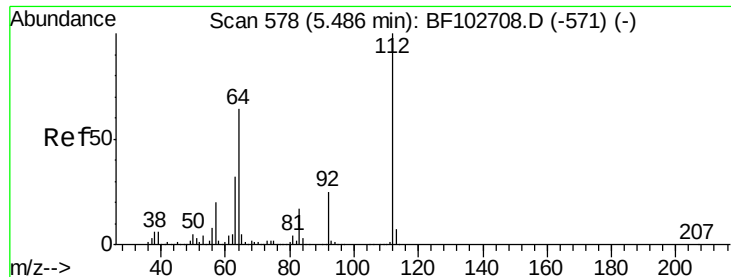
Ion Ratio Lower Upper

42 100

74 125.0 104.9 157.3

44 8.2 6.9 10.3





#5

2-Fluorophenol

Concen: 108.24 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampleId :

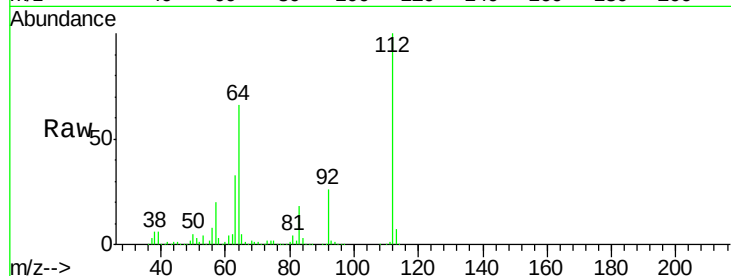
Tot Ion:112 Resp: 1348460

Ion Ratio Lower Upper

112 100

64 66.1 47.9 71.9

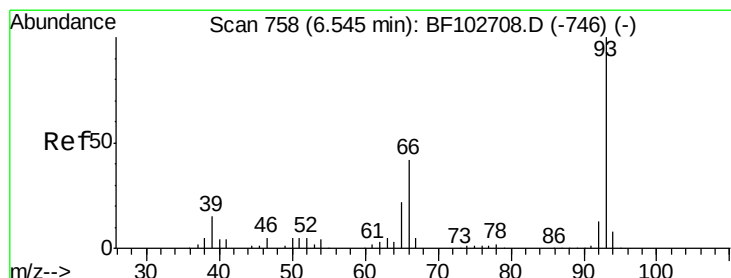
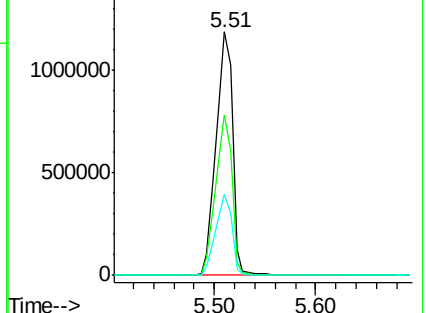
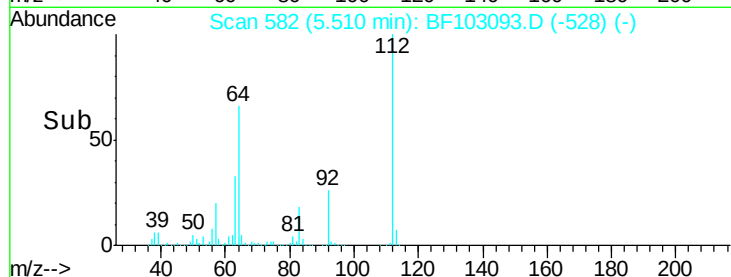
63 33.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.26 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

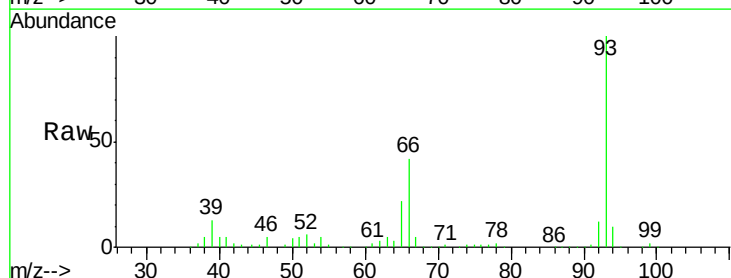
Tgt Ion: 93 Resp: 493158

Ion Ratio Lower Upper

93 100

66 41.7 32.2 48.2

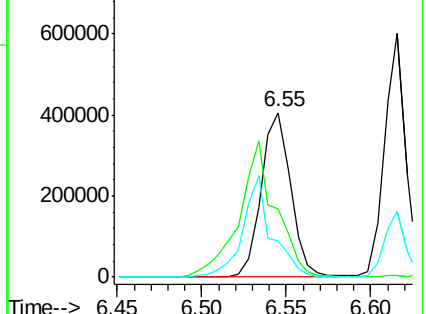
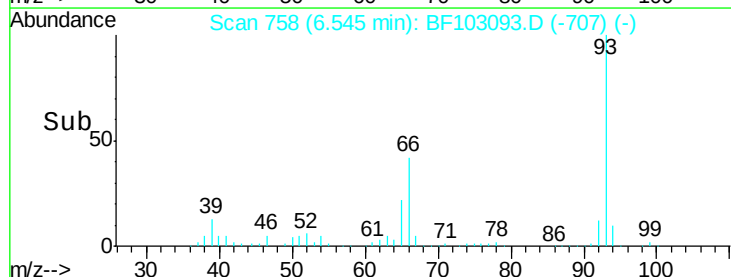
65 21.9 16.4 24.6

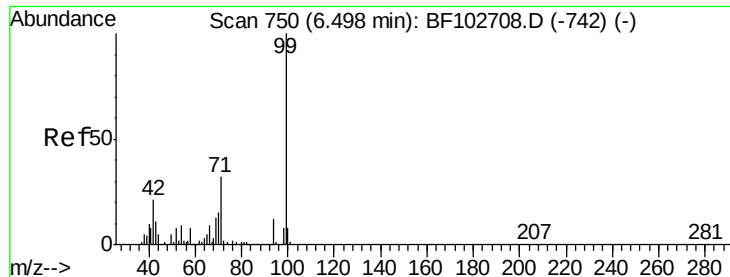


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.27 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

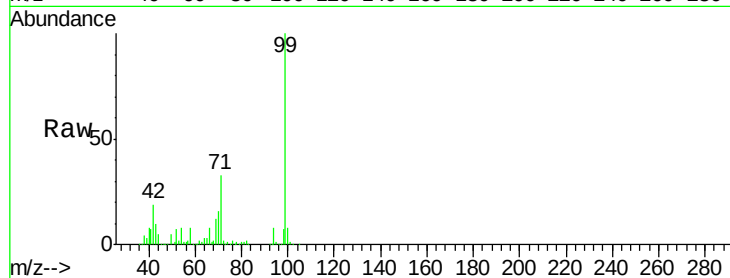
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1624055

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	33.3	25.4	38.0

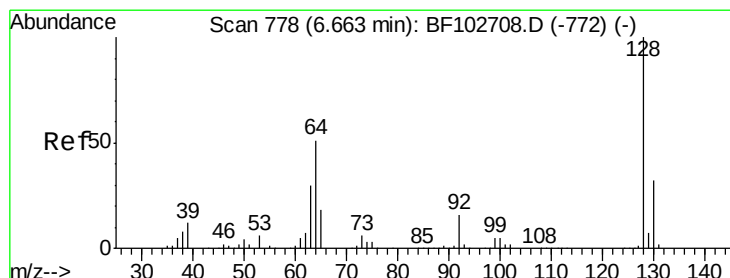
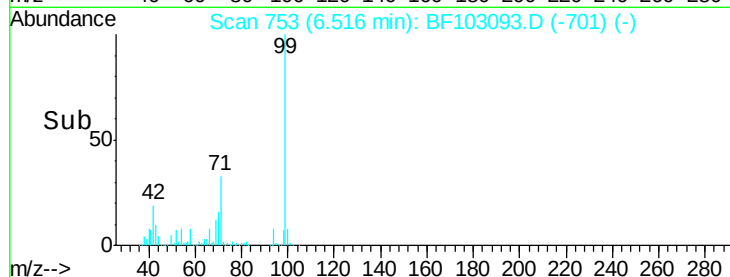
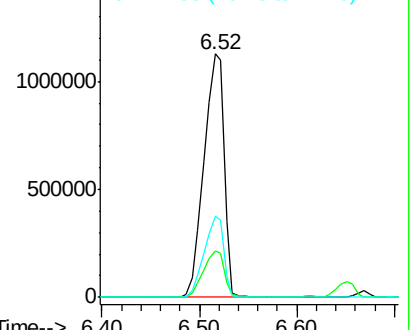


Abundance

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: 39.45 ng

RT: 6.67 min Scan# 779

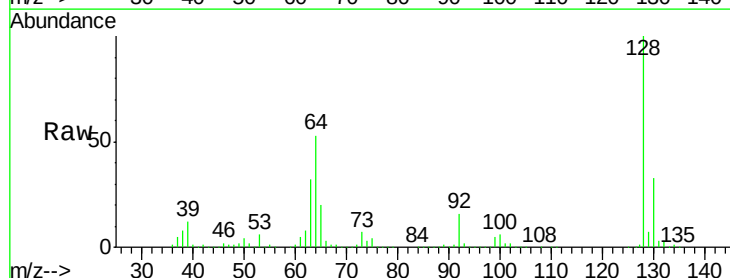
Delta R.T. 0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Tgt Ion: 128 Resp: 505958

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.0	53.0
64	53.5	29.4	69.4

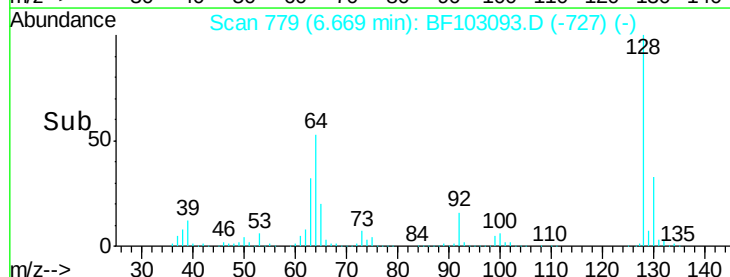
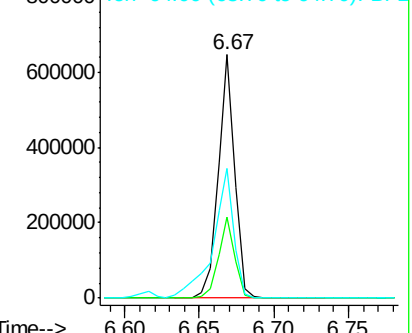


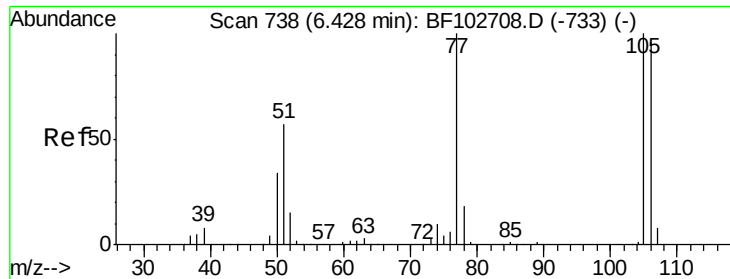
Abundance

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: 8.38 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampled :

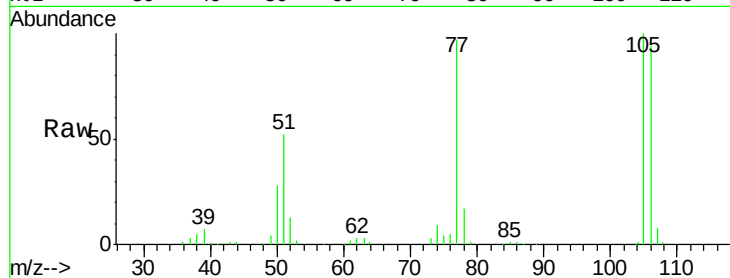
Tot Ion: 77 Resp: 93341

Ion Ratio Lower Upper

77 100

105 102.8 81.1 121.1

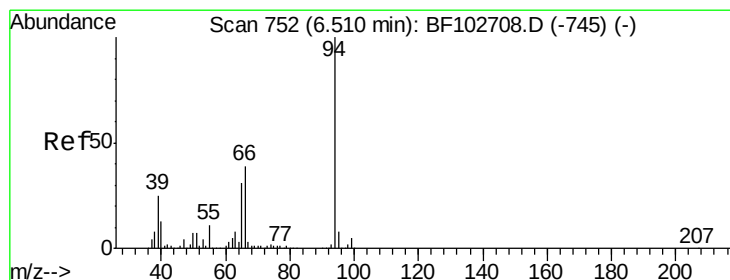
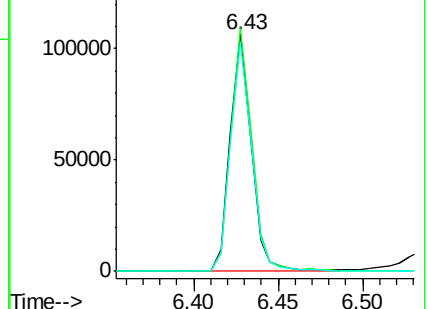
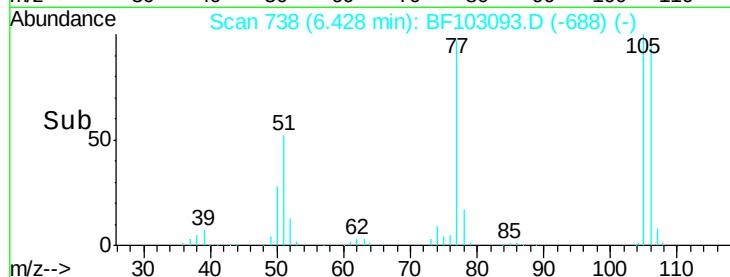
106 96.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.02 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

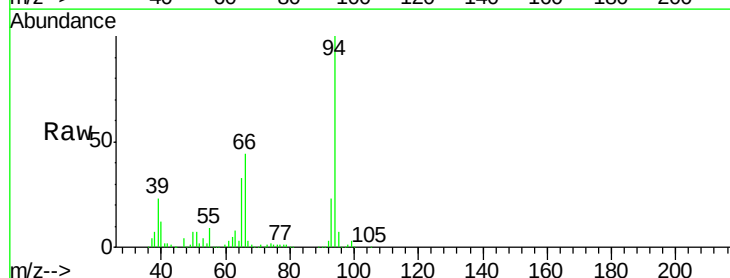
Tgt Ion: 94 Resp: 643372

Ion Ratio Lower Upper

94 100

65 32.7 7.9 47.9

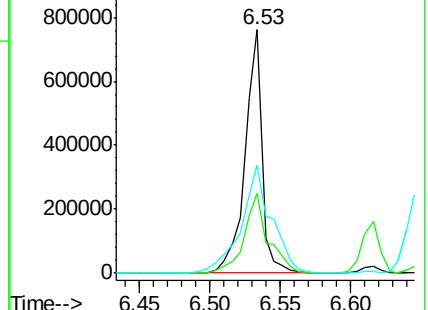
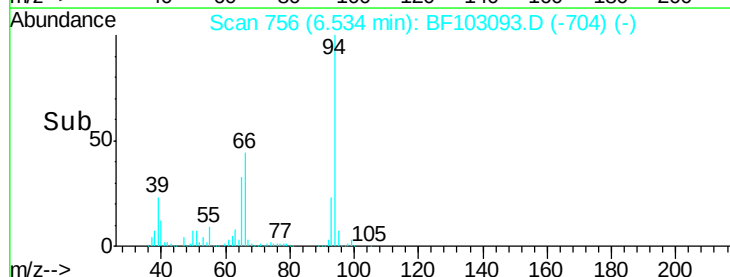
66 44.2 16.2 56.2

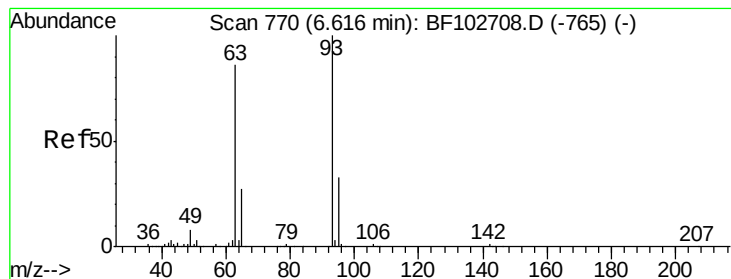


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

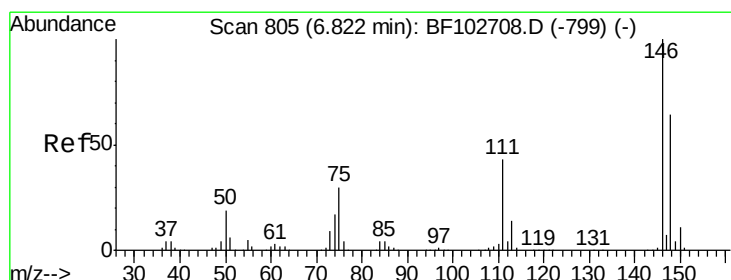
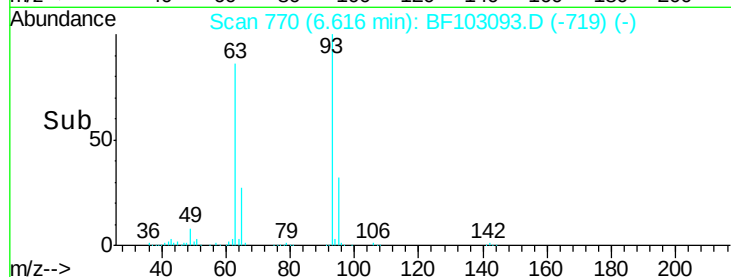
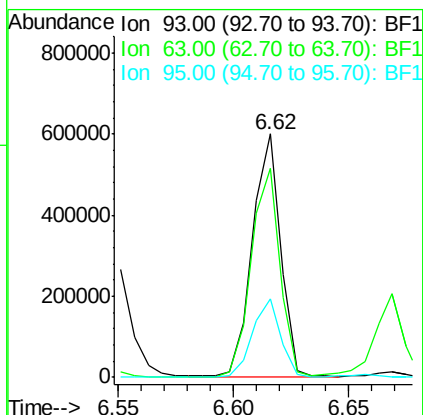
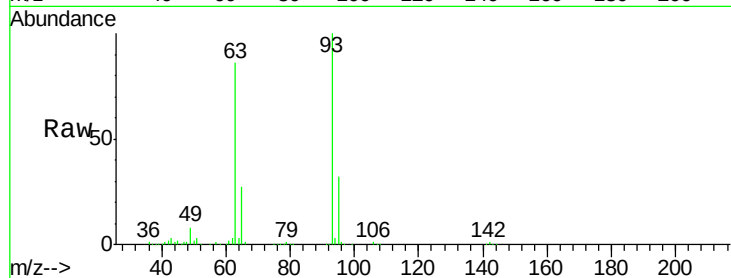




#11
bis(2-Chloroethyl)ether
Concen: 38.27 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

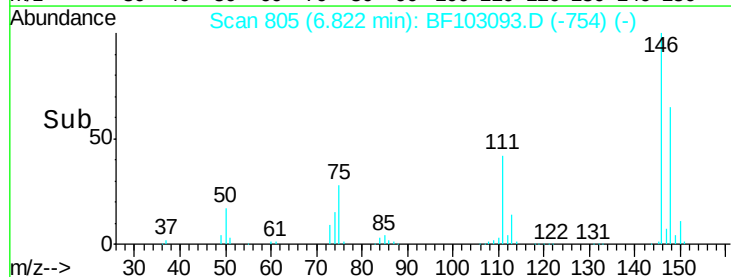
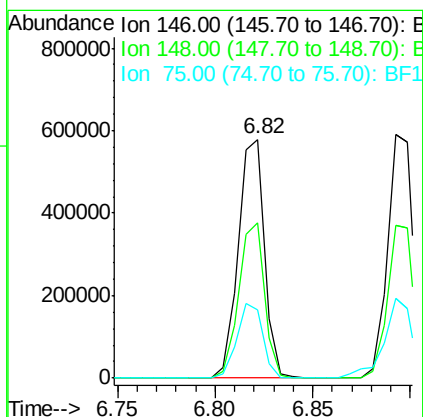
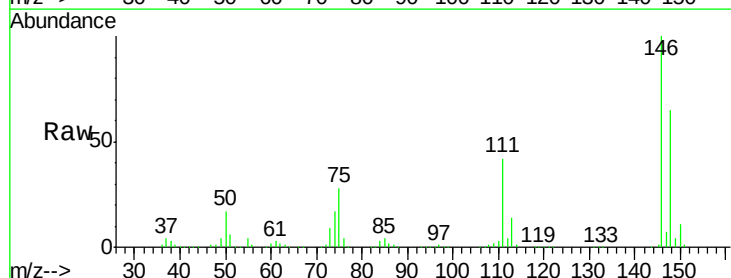
Instrument :
BNA_F
ClientSampleId :

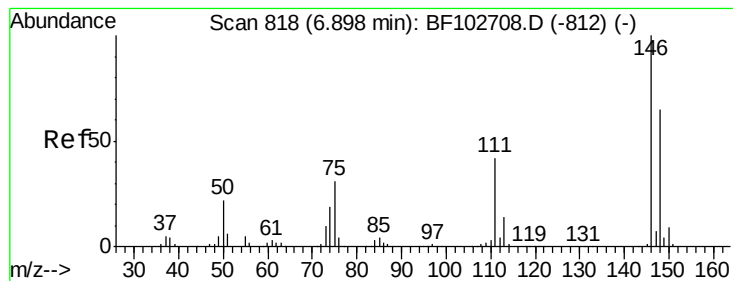
Tot Ion	Ratio	Lower	Upper
93	100		
63	86.1	58.6	98.6
95	32.4	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 36.26 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	28.4	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 36.88 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampleId :

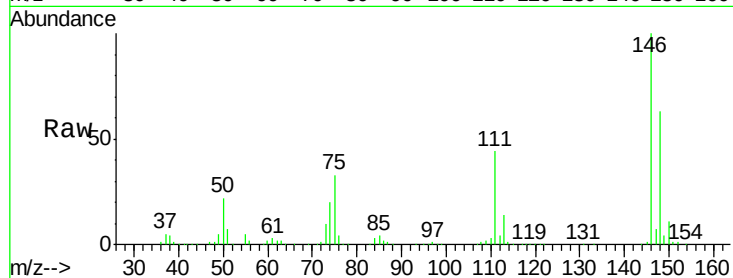
Tot Ion:146 Resp: 545612

Ion Ratio Lower Upper

146 100

148 63.0 50.8 76.2

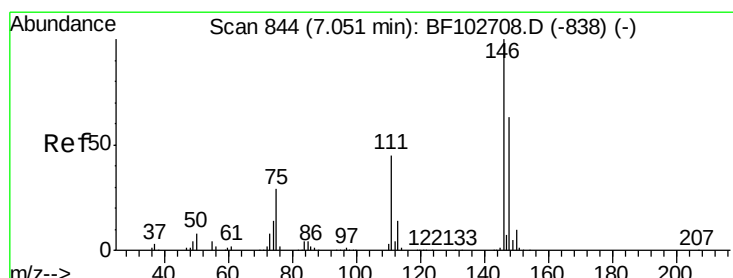
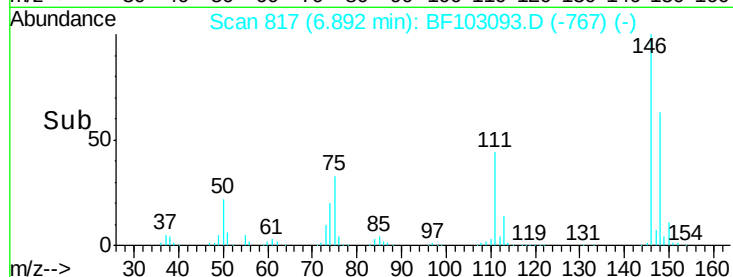
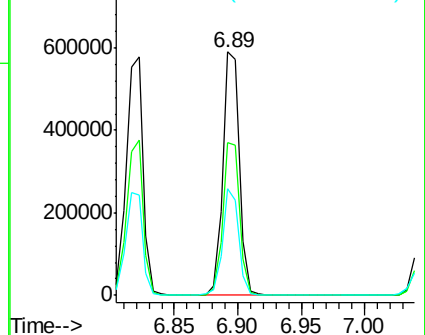
111 43.7 34.2 51.2



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: 35.68 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

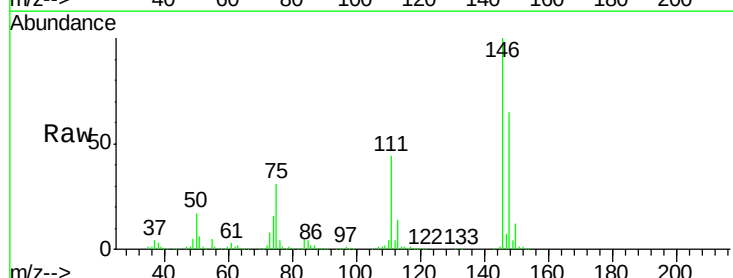
Tgt Ion:146 Resp: 491714

Ion Ratio Lower Upper

146 100

148 64.7 50.6 75.8

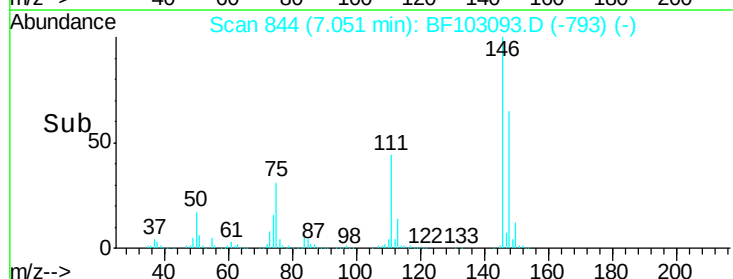
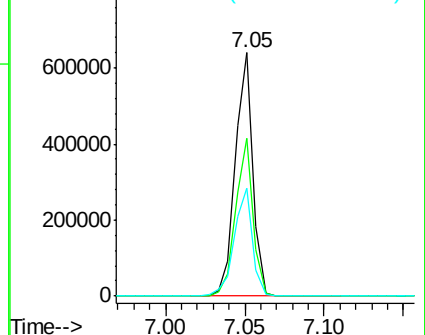
111 44.4 36.0 54.0

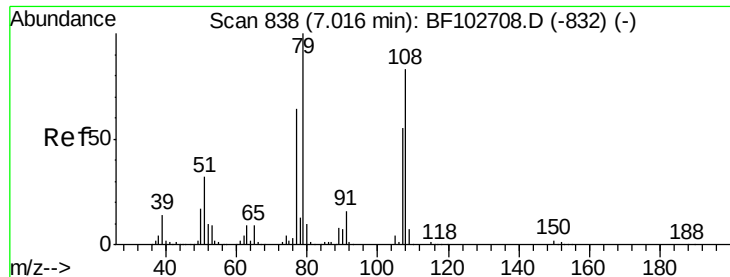


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.68 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampled :

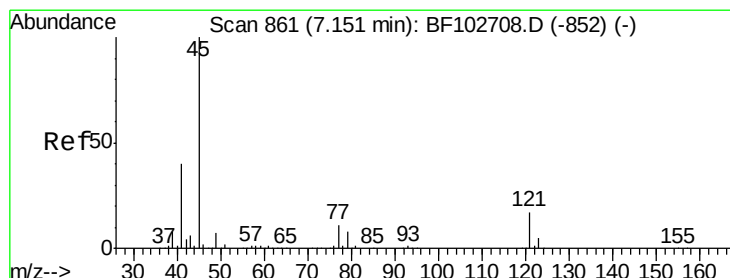
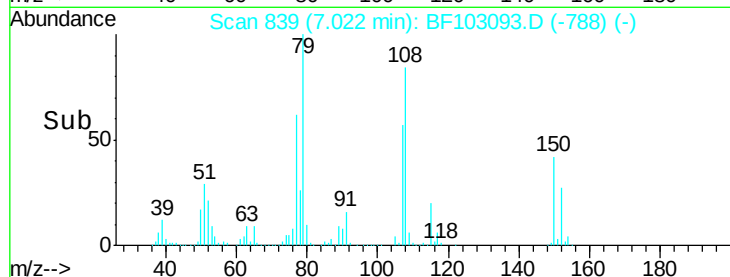
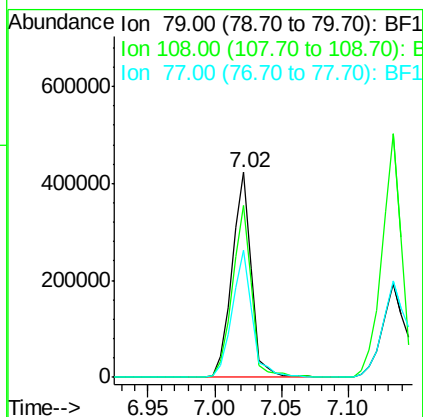
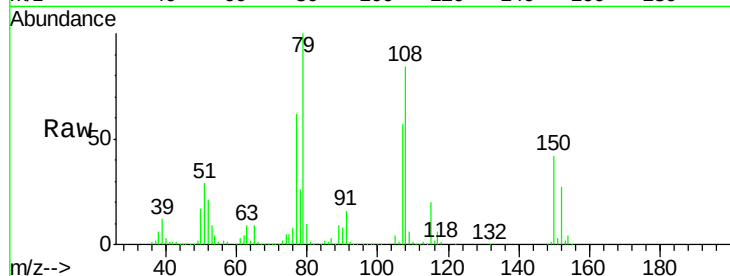
Tot Ion: 79 Resp: 434545

Ion Ratio Lower Upper

79 100

108 83.9 65.1 97.7

77 62.1 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.63 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

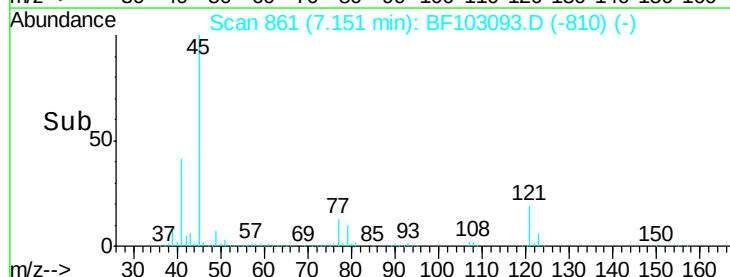
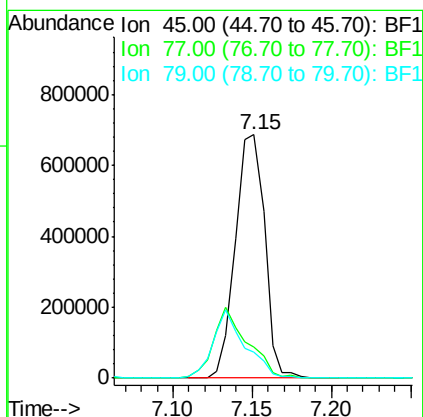
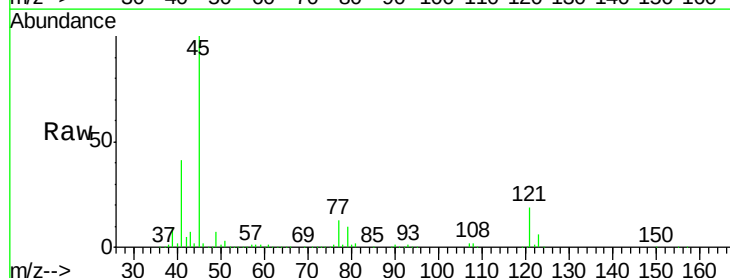
Tgt Ion: 45 Resp: 879889

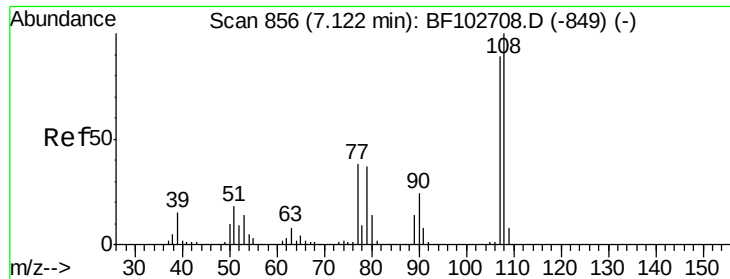
Ion Ratio Lower Upper

45 100

77 12.9 0.0 32.9

79 10.5 0.0 29.6

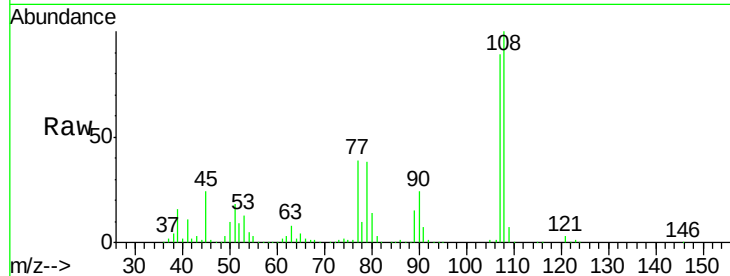




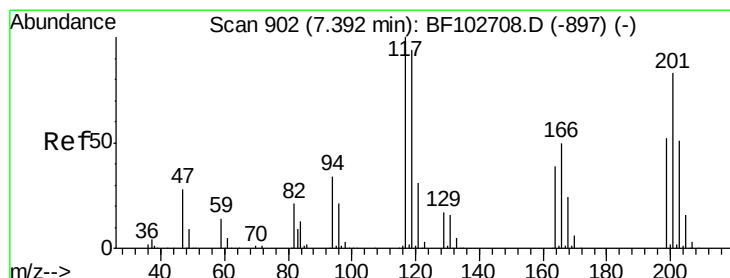
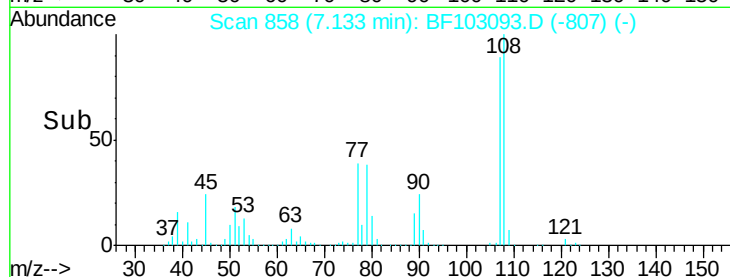
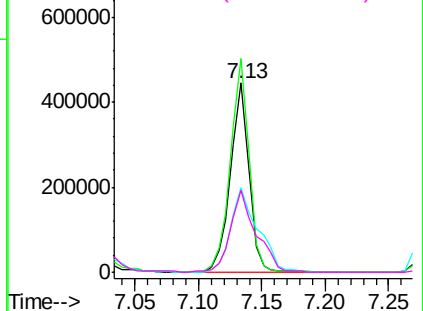
#17
2-Methylphenol
Concen: 38.08 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	450470
Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.7	137.5
77	44.5	33.8	50.8
79	43.4	33.8	50.8

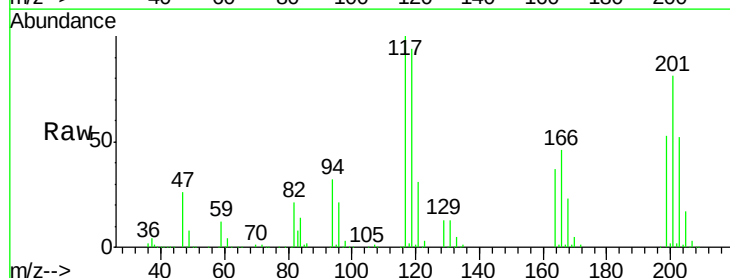


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

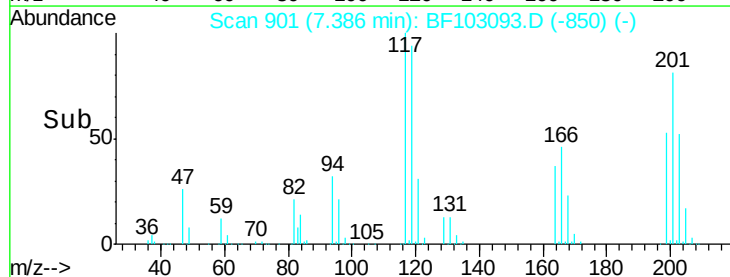
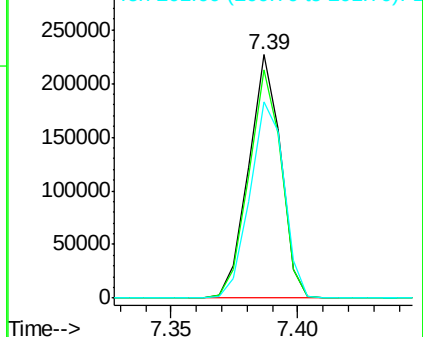


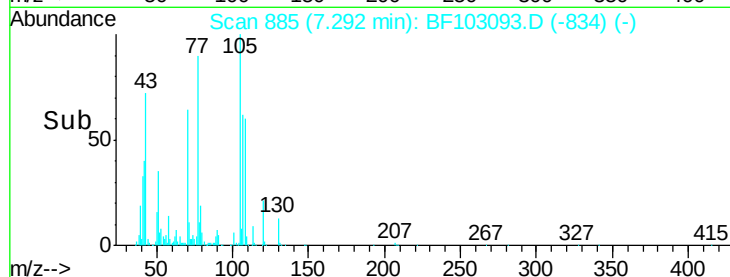
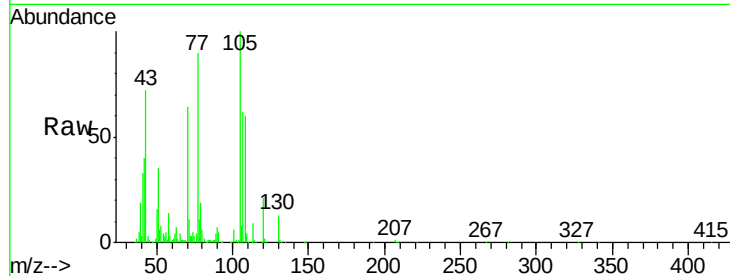
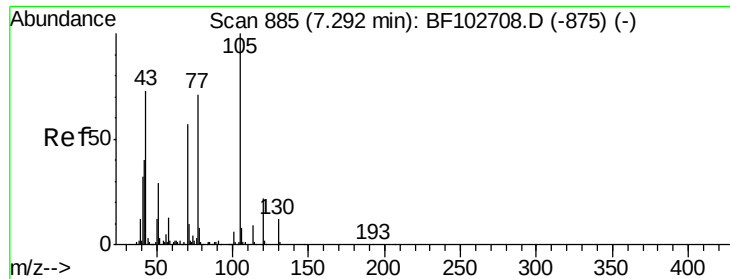
#18
Hexachloroethane
Concen: 39.50 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion:	117	Resp:	200401
Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.8	113.8
201	80.6	75.7	113.5



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

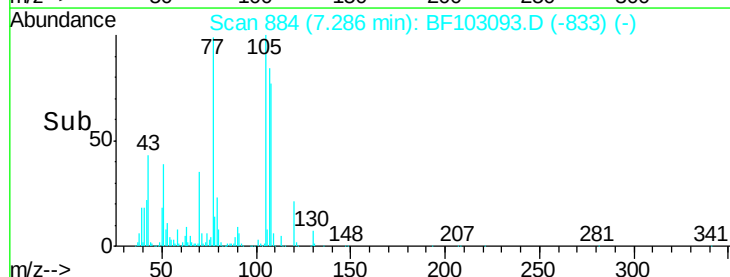
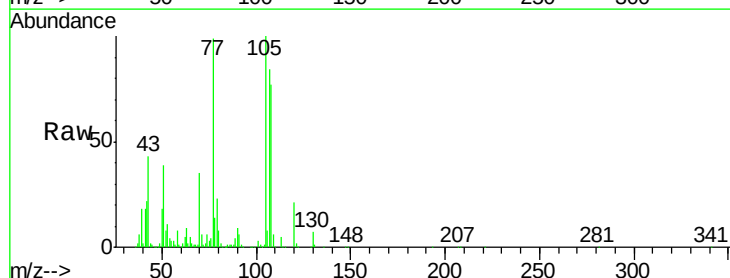
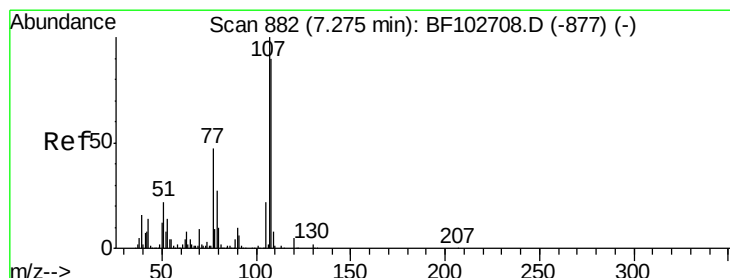
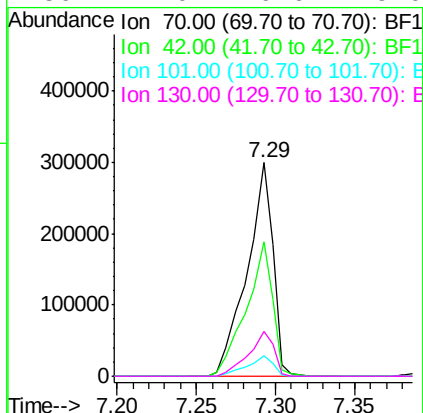




#19
n-Nitroso-di-n-propylamine
Concen: 34.47 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

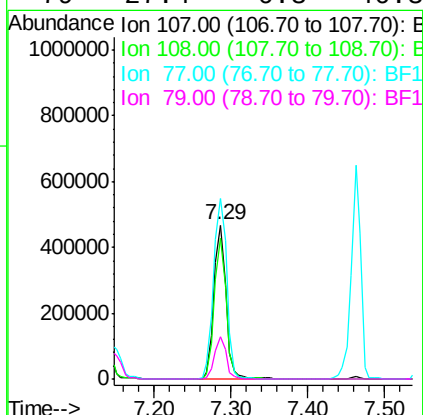
Instrument :
BNA_F
ClientSampleId :

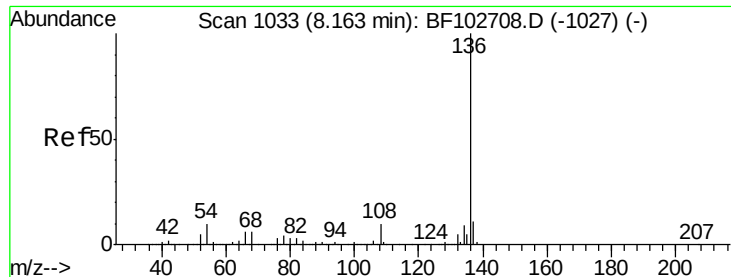
Tot Ion:	70	Resp:	340918
Ion	Ratio	Lower	Upper
70	100		
42	62.7	47.5	71.3
101	9.5	7.4	11.2
130	21.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 33.98 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion:	107	Resp:	495726
Ion	Ratio	Lower	Upper
107	100		
108	91.5	68.2	108.2
77	117.1	26.7	66.7#
79	27.4	6.3	46.3

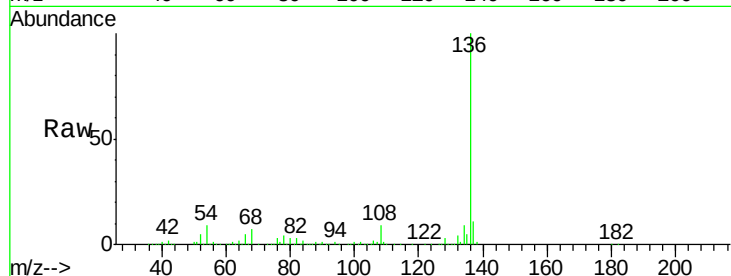




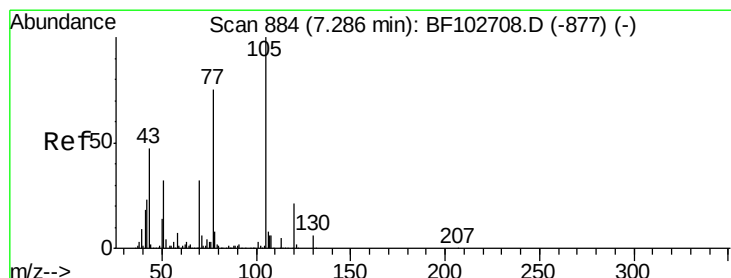
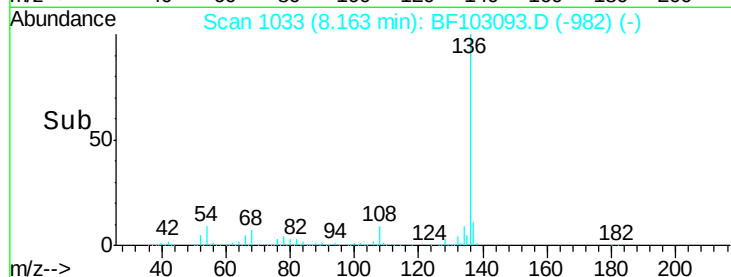
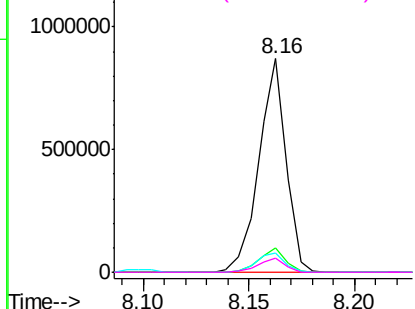
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	779152
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	9.3	6.6 9.8
68	6.7	5.0 7.4

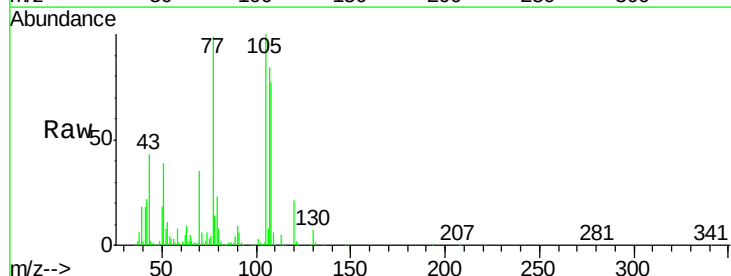


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

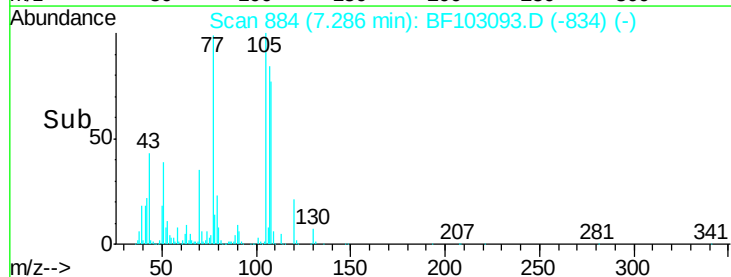
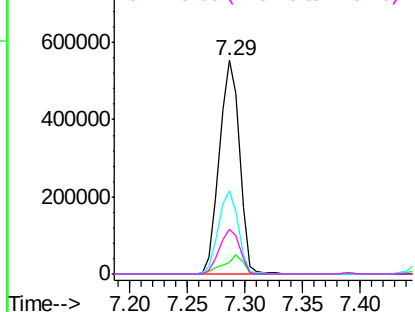


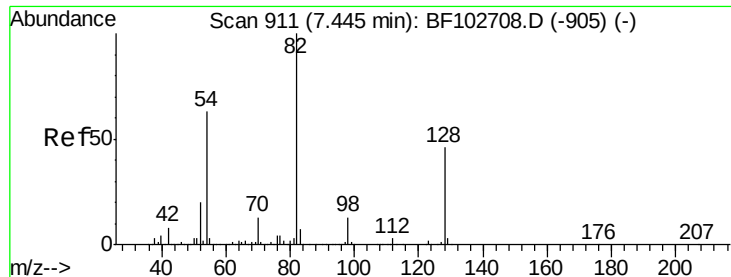
#22
Acetophenone
Concen: 35.26 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion:105	Resp:	672271
Ion Ratio	Lower	Upper
105	100	
71	5.6	4.4 6.6
51	38.9	22.3 33.5#
120	21.2	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

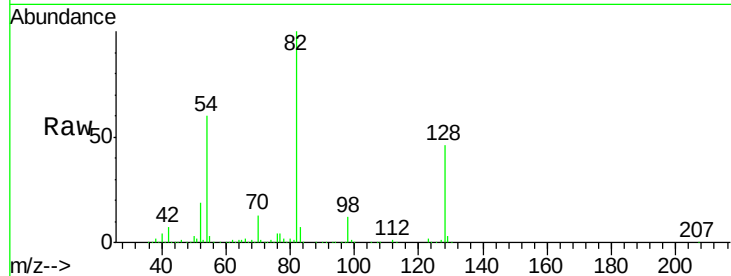




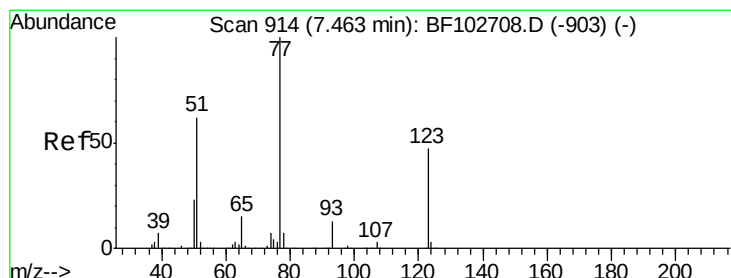
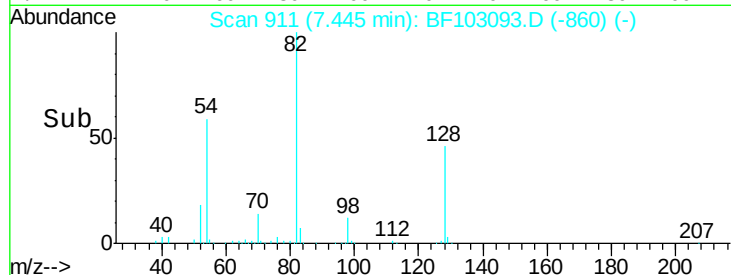
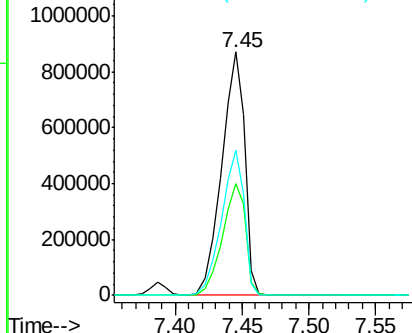
#23
Nitrobenzene-d5
Concen: 94.28 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1058909
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 59.8 41.4 62.2

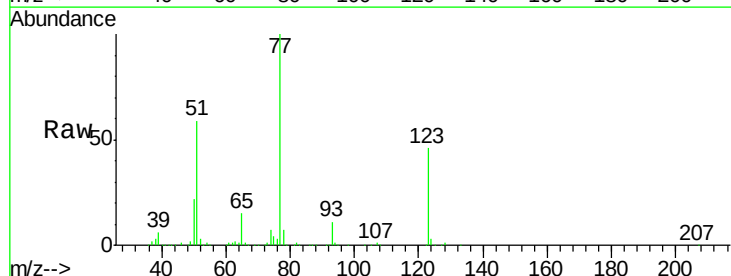


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

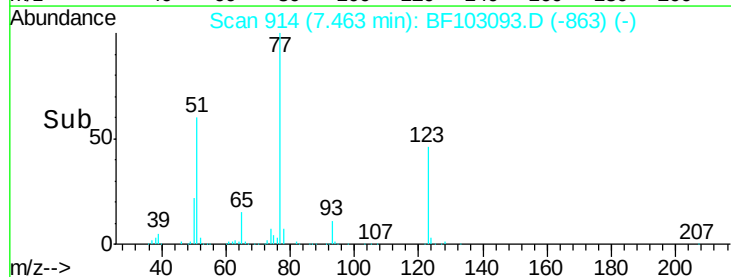
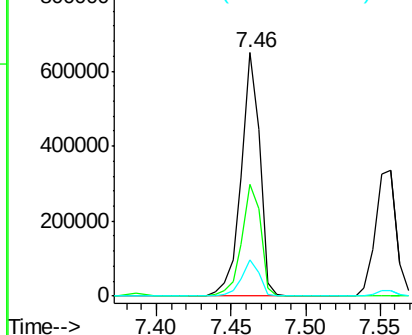


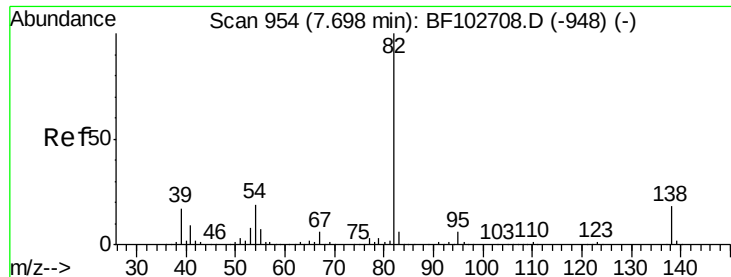
#24
Nitrobenzene
Concen: 42.63 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion: 77 Resp: 563220
Ion Ratio Lower Upper
77 100
123 45.9 37.9 56.9
65 14.8 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: 40.28 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampleId :

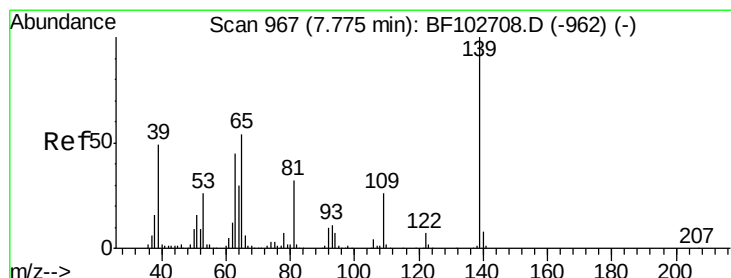
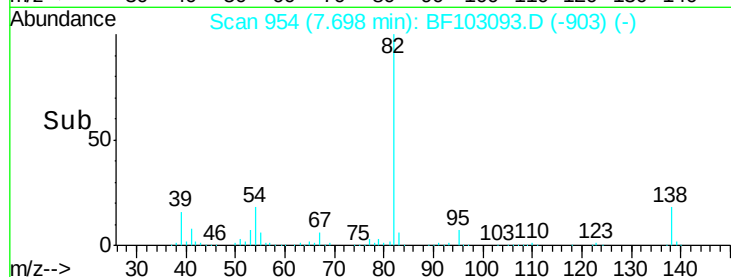
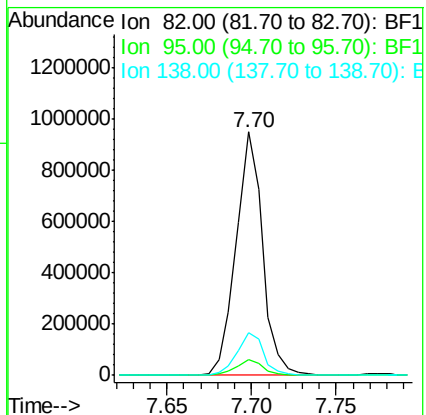
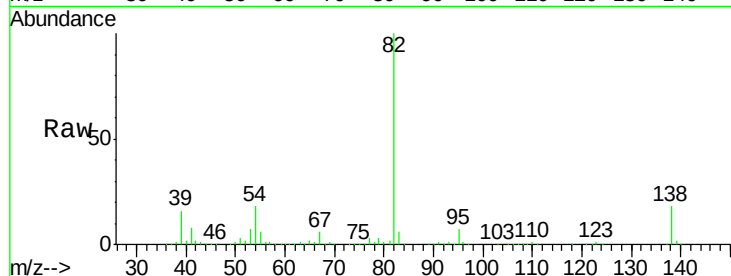
Tot Ion: 82 Resp: 1041811

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 17.6 14.9 22.3



#26

2-Nitrophenol

Concen: 52.90 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

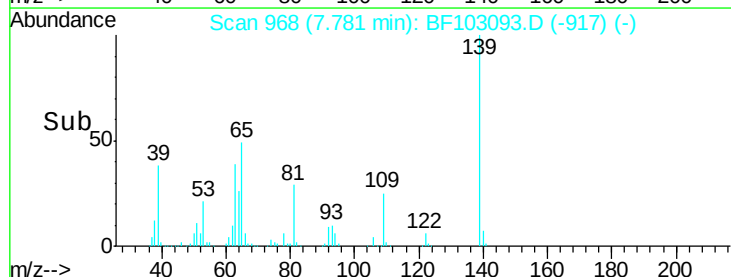
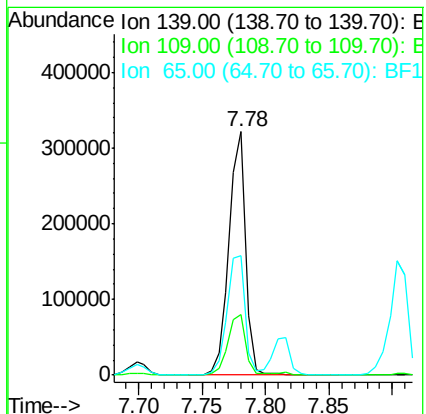
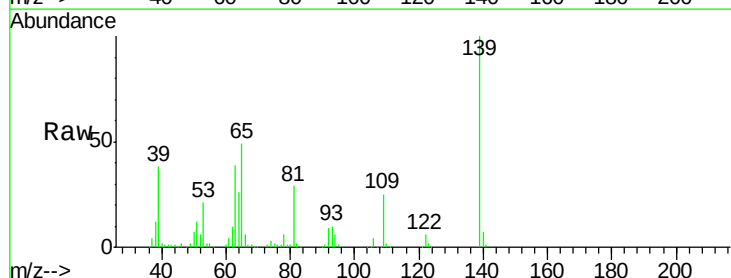
Tgt Ion: 139 Resp: 293011

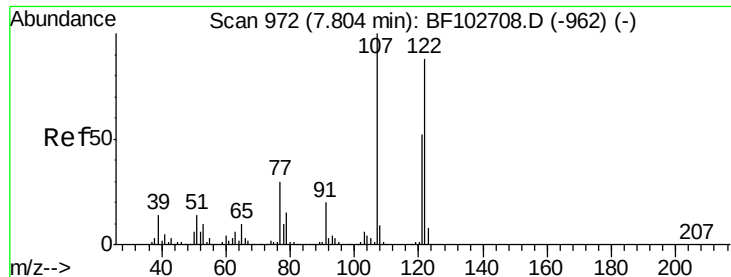
Ion Ratio Lower Upper

139 100

109 25.1 22.7 34.1

65 49.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 44.45 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF103093.D

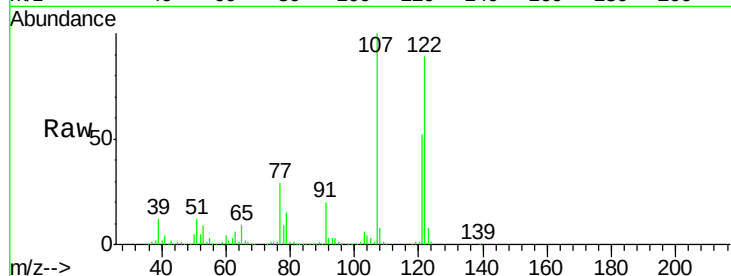
Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampleId :

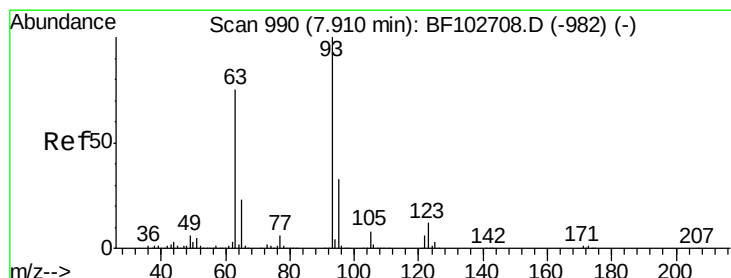
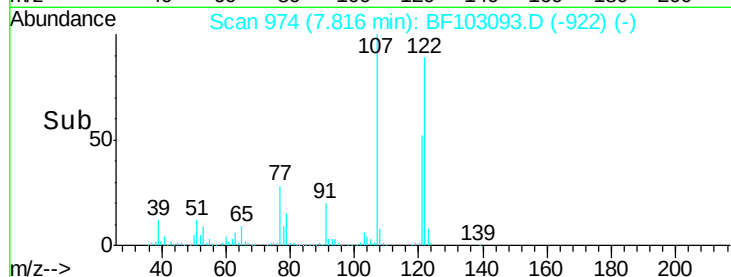
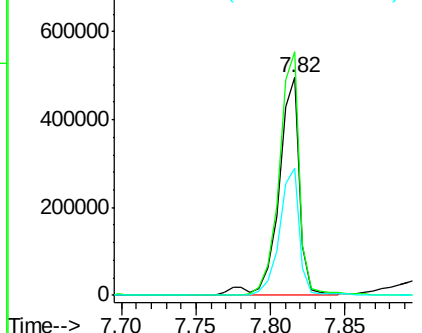
Tot Ion:122	Resp:	485654
Ion	Ratio	Lower Upper
122	100	
107	111.8	91.2 136.8
121	58.6	47.2 70.8



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: 42.90 ng

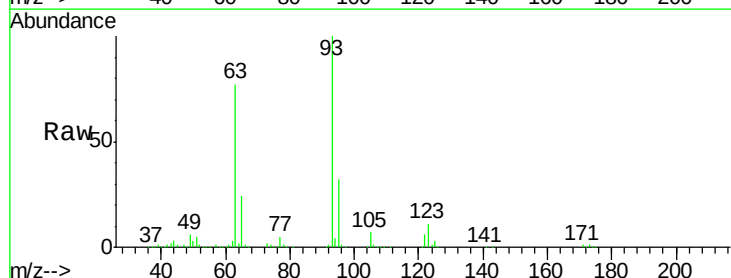
RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

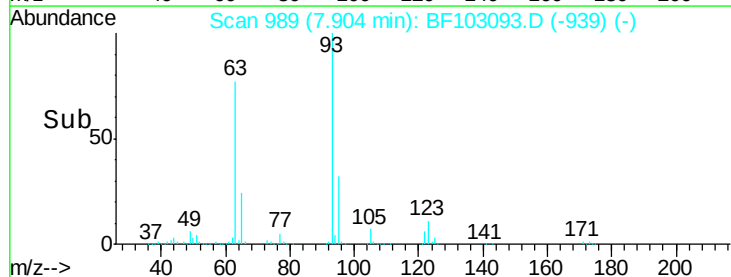
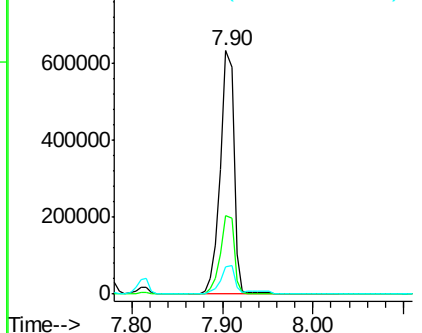
Tgt Ion: 93	Resp:	657227
Ion	Ratio	Lower Upper
93	100	
95	32.1	26.3 39.5
123	11.4	9.8 14.6

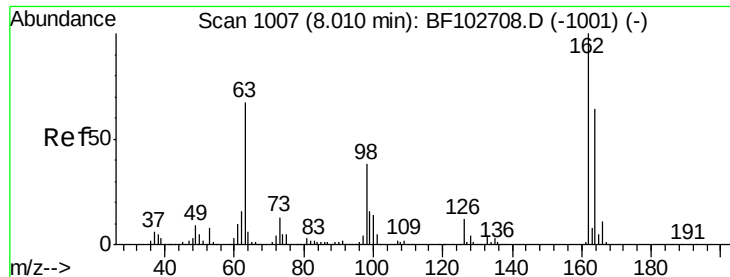


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.59 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampleId :

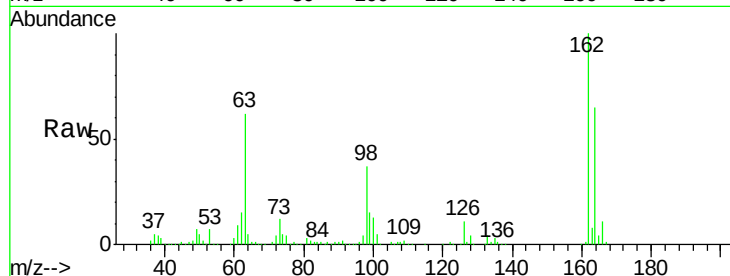
Tot Ion:162 Resp: 423089

Ion Ratio Lower Upper

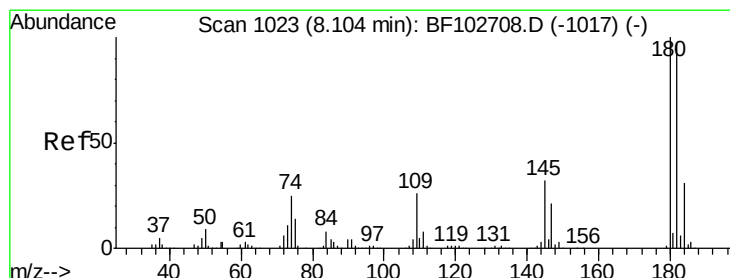
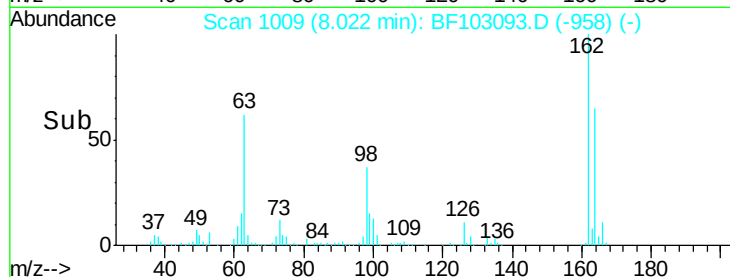
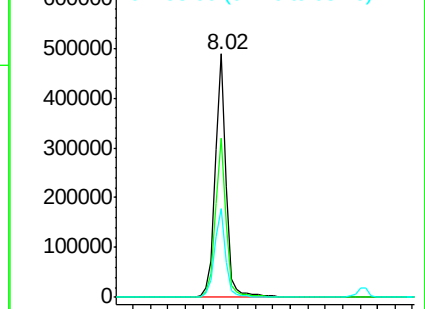
162 100

164 65.2 42.7 82.7

98 36.6 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: 36.91 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

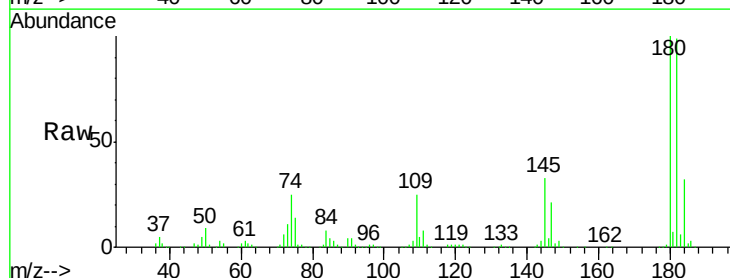
Tgt Ion:180 Resp: 414783

Ion Ratio Lower Upper

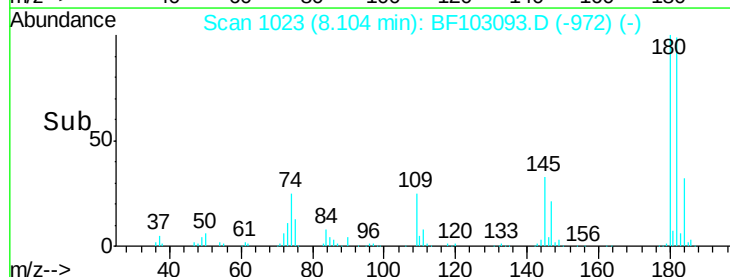
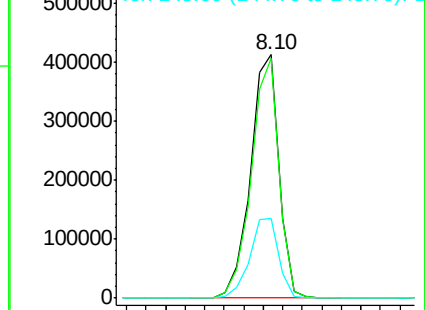
180 100

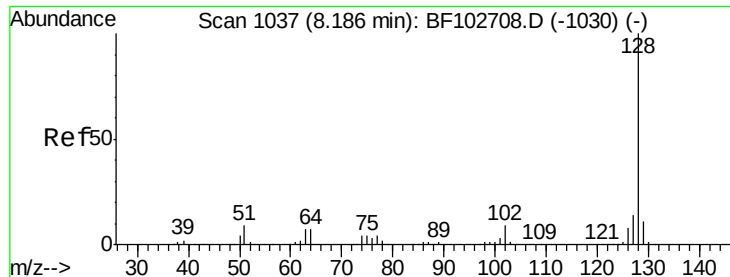
182 98.6 76.8 115.2

145 32.9 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: 37.12 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampleId :

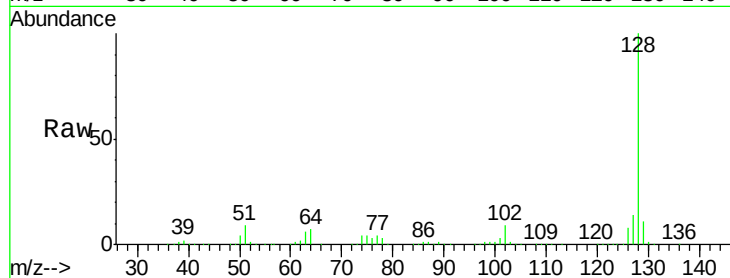
Tot Ion:128 Resp: 1413239

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

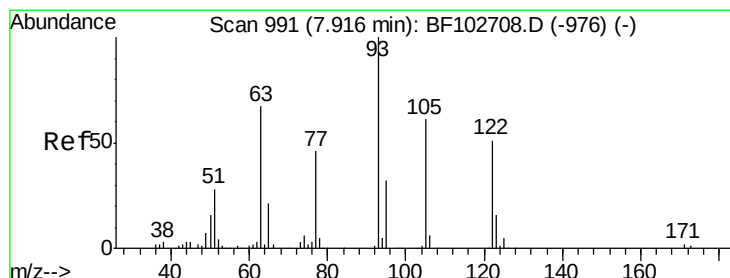
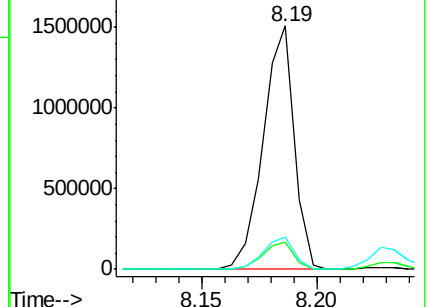
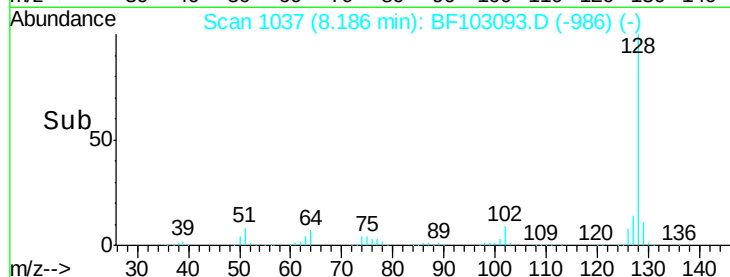
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.29 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

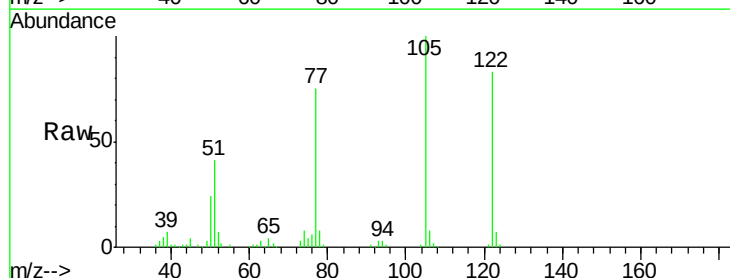
Tgt Ion:122 Resp: 309870

Ion Ratio Lower Upper

122 100

105 120.4 101.1 141.1

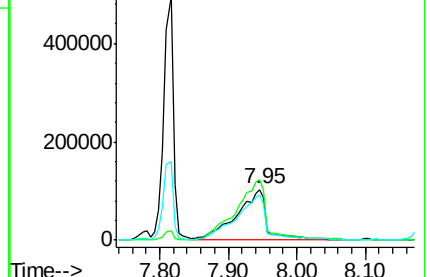
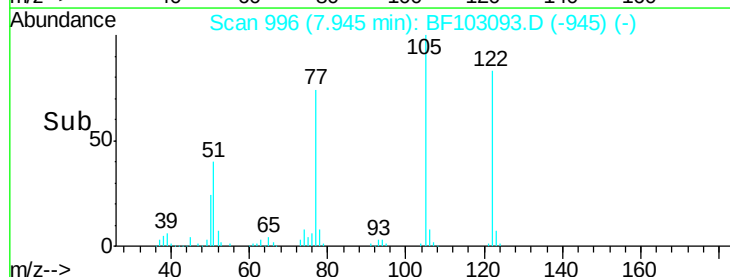
77 90.1 70.7 110.7

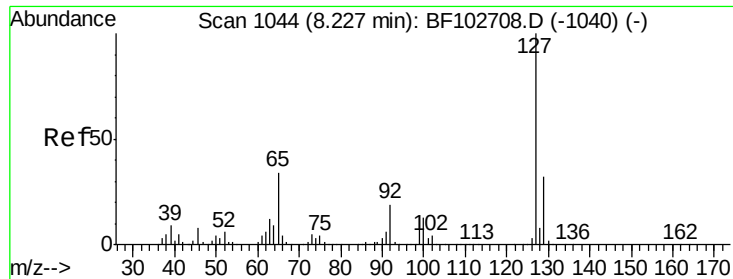


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

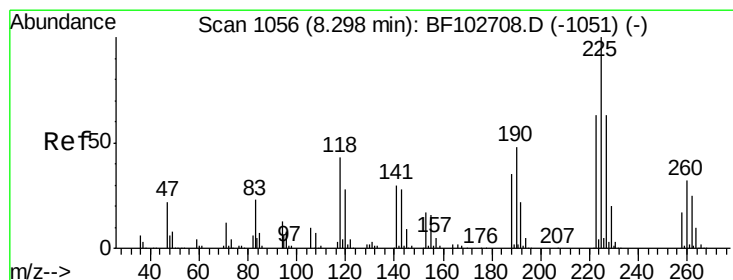
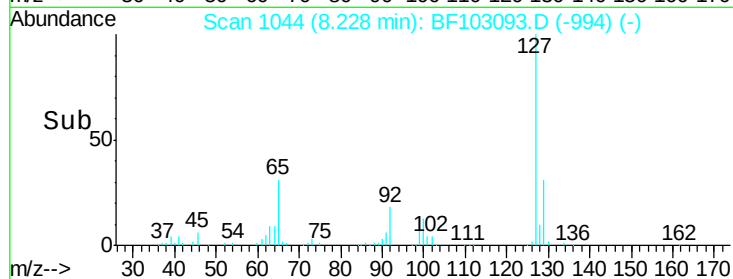
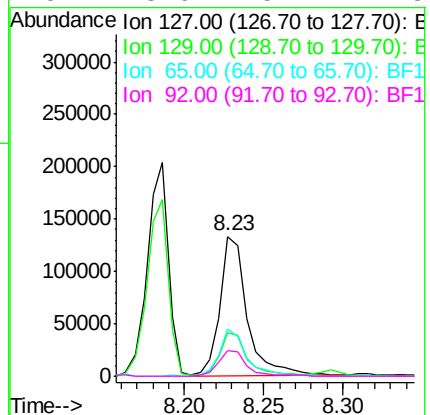
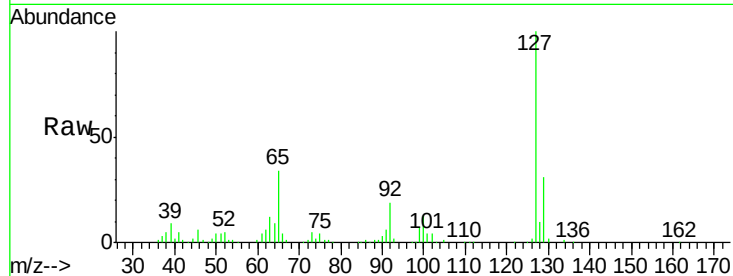




#33
4-Chloroaniline
Concen: 9.64 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

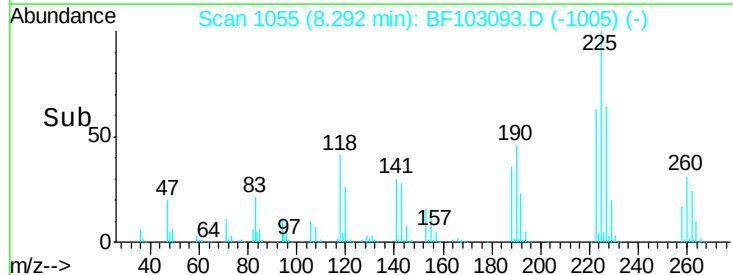
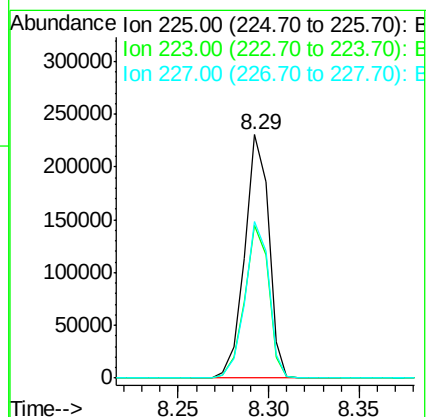
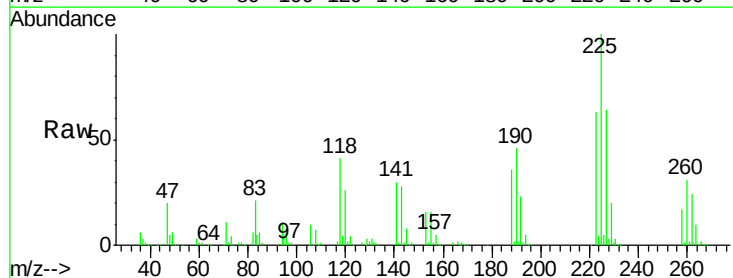
Instrument :
BNA_F
ClientSampled :

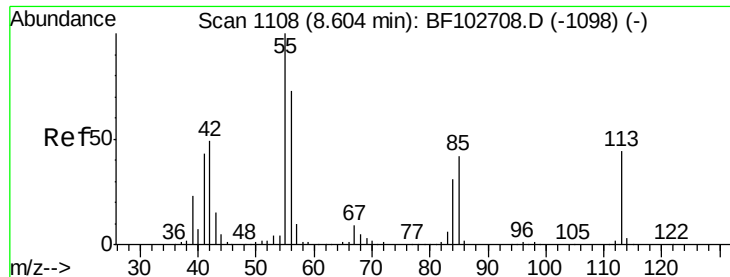
Tot Ion:	127	Resp:	158149
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.9	38.9
65	33.6	25.0	37.4
92	18.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 36.94 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion:	225	Resp:	212729
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	64.1	51.9	77.9





#35

Caprolactam

Concen: 32.62 ng

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampled :

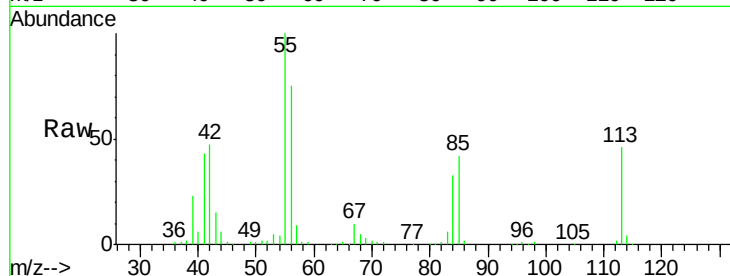
Tot Ion:113 Resp: 112528

Ion Ratio Lower Upper

113 100

55 216.4 163.3 203.3#

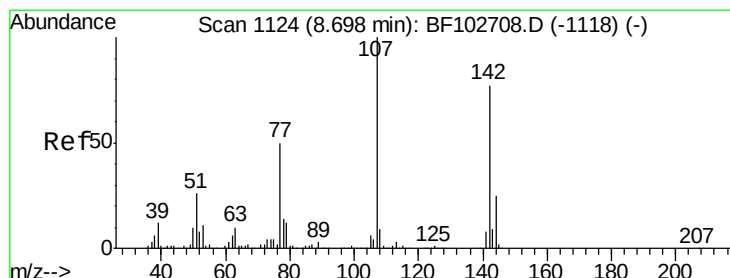
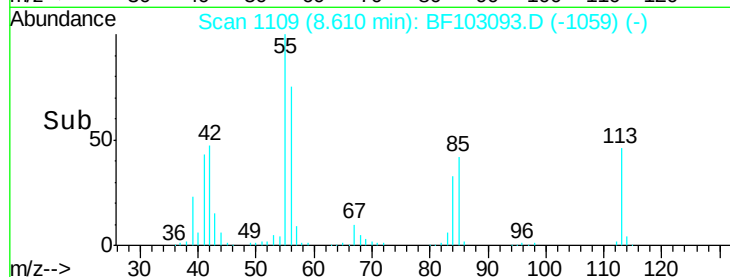
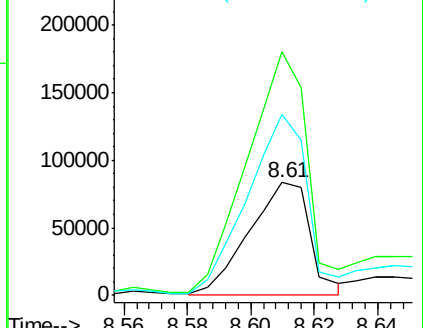
56 161.3 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.00 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

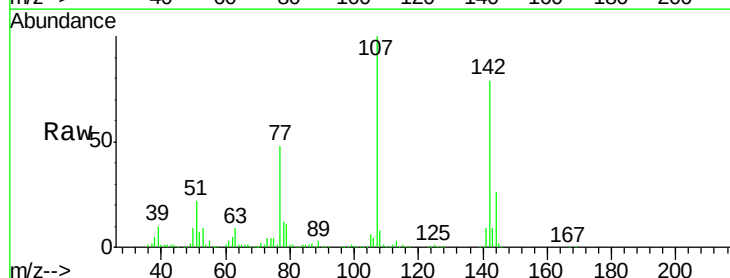
Tgt Ion:107 Resp: 468699

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

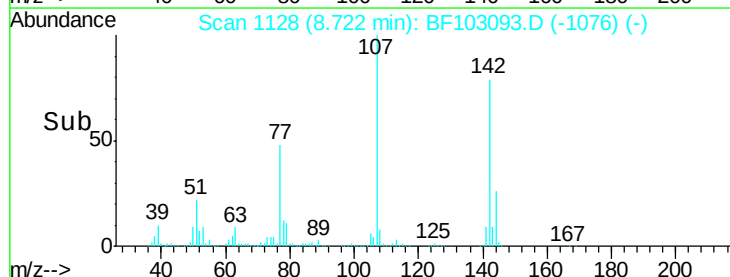
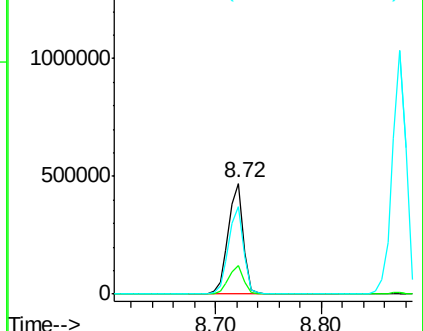
142 79.4 62.0 93.0

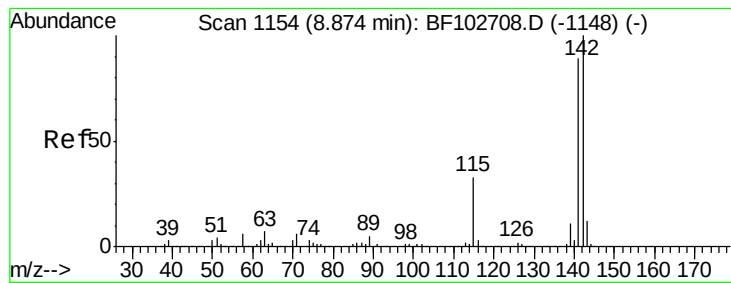


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.26 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampleId :

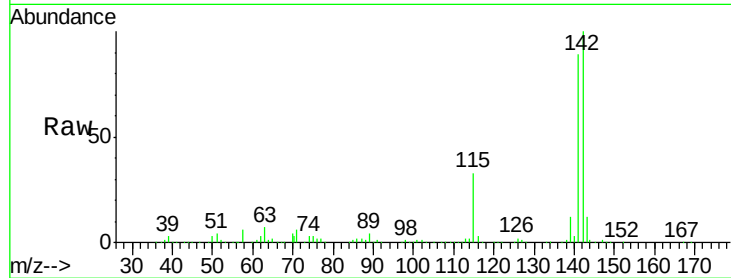
Tot Ion:142 Resp: 953552

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2

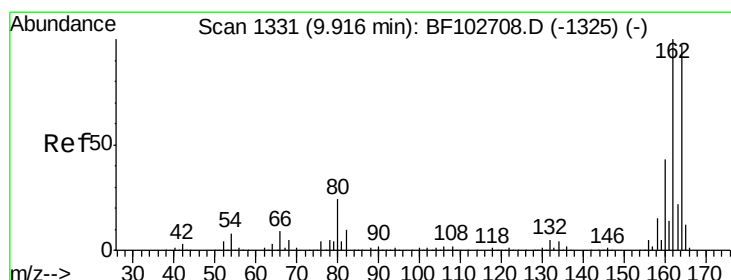
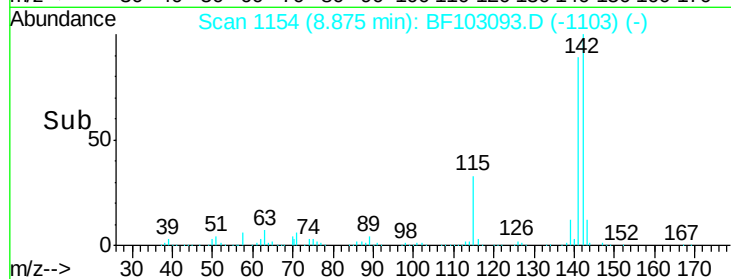
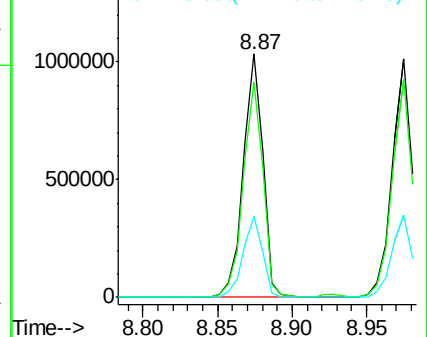
115 33.2 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

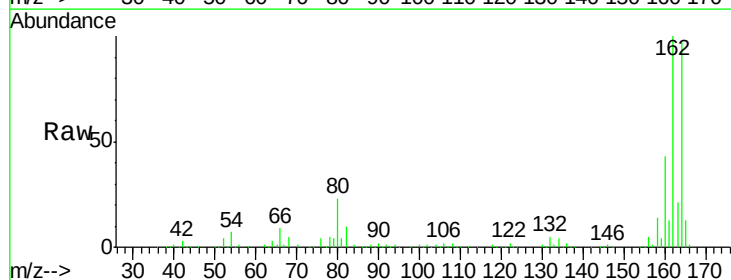
Tgt Ion:164 Resp: 341864

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

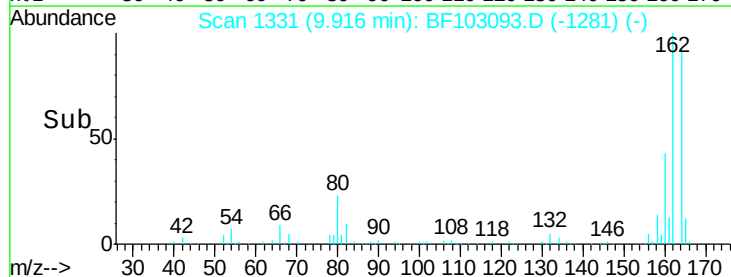
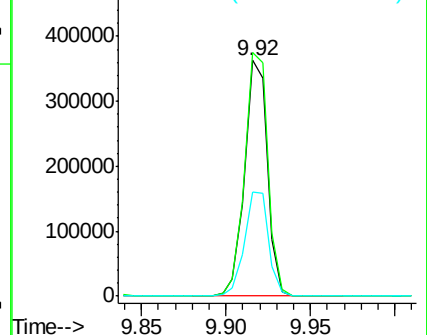
160 44.3 38.3 57.5

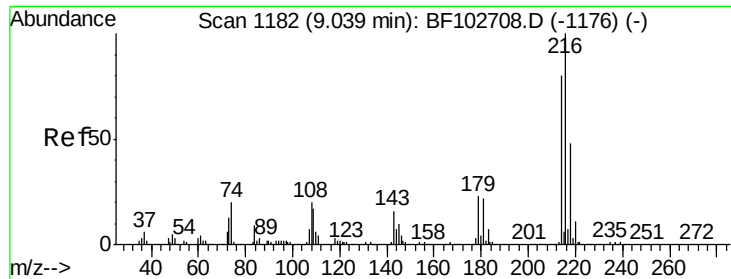


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.03 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 363335

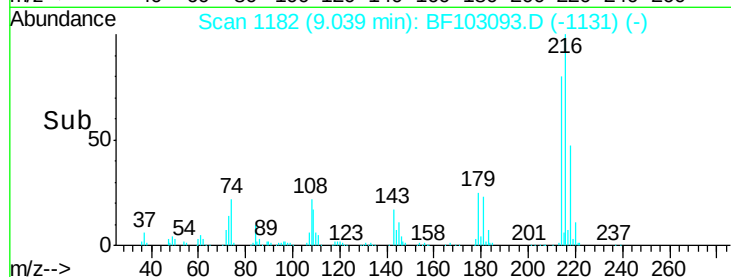
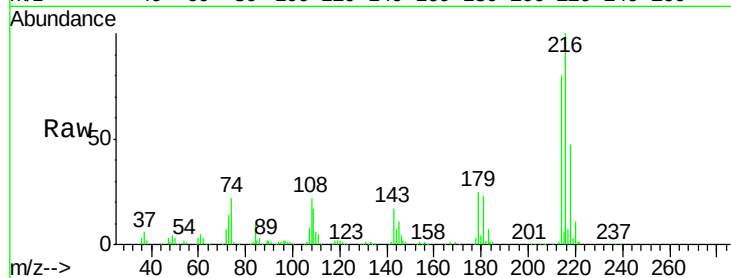
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 23.5 18.1 27.1

108 22.8 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

Time-->

9.04

400000

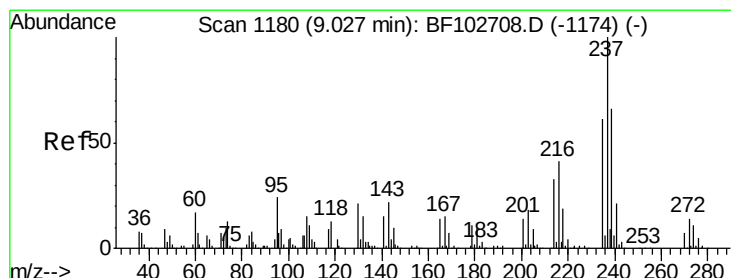
300000

200000

100000

0

8.95 9.00 9.05 9.10 9.15



#40

Hexachlorocyclopentadiene

Concen: 42.31 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

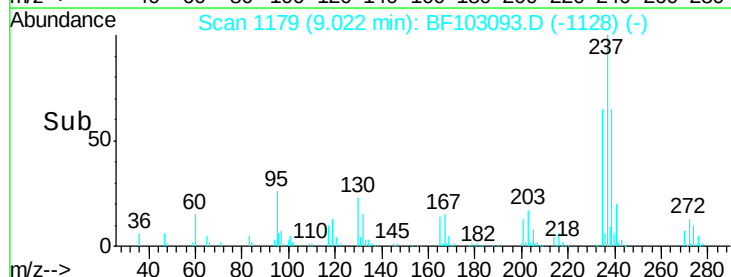
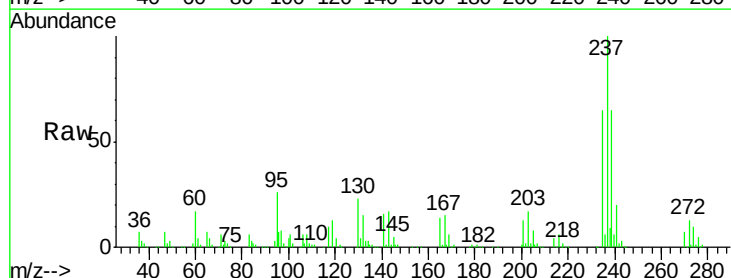
Tgt Ion:237 Resp: 187226

Ion Ratio Lower Upper

237 100

235 64.9 44.8 84.8

272 13.0 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

Time-->

9.02

250000

200000

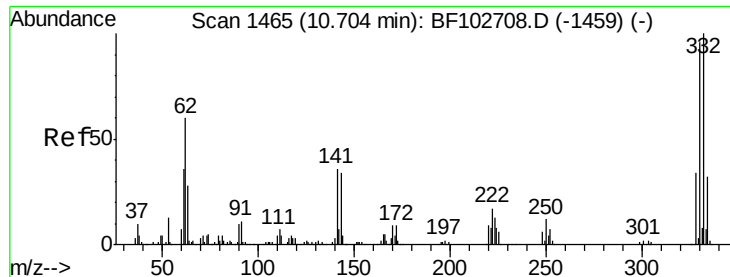
150000

100000

50000

0

9.00 9.05



#41

2,4,6-Tribromophenol

Concen: 114.93 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampled :

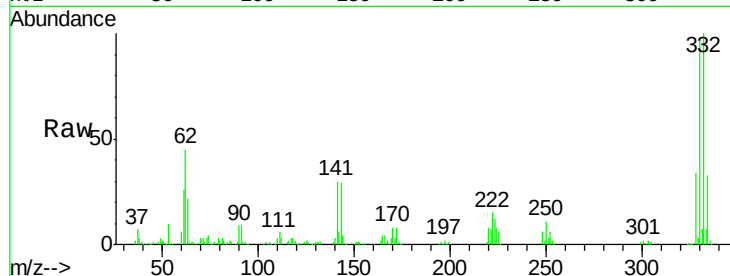
Tot Ion:330 Resp: 316251

Ion Ratio Lower Upper

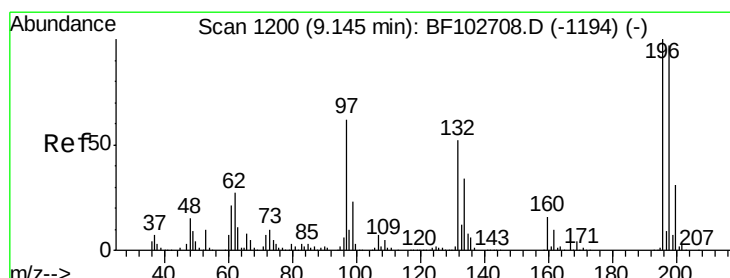
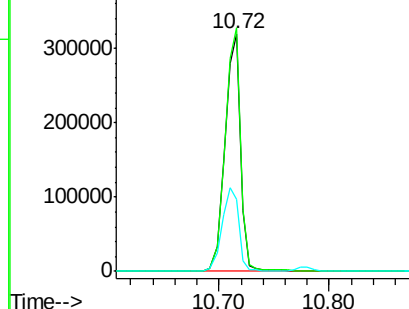
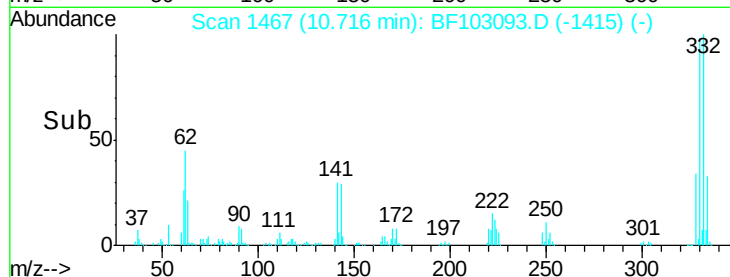
330 100

332 102.0 77.0 115.6

141 37.6 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: 42.66 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

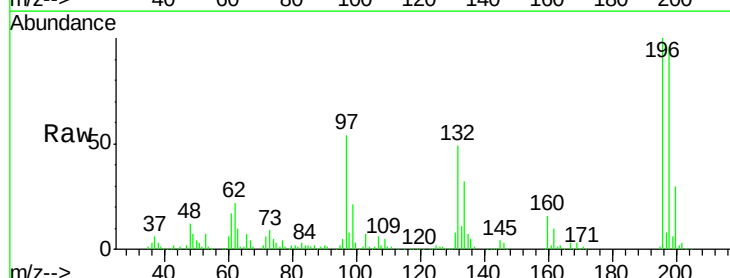
Tgt Ion:196 Resp: 260795

Ion Ratio Lower Upper

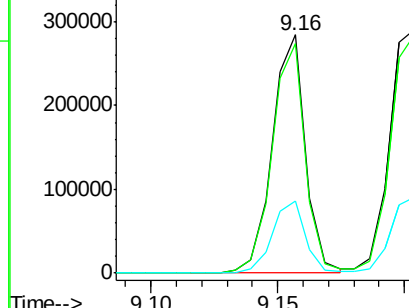
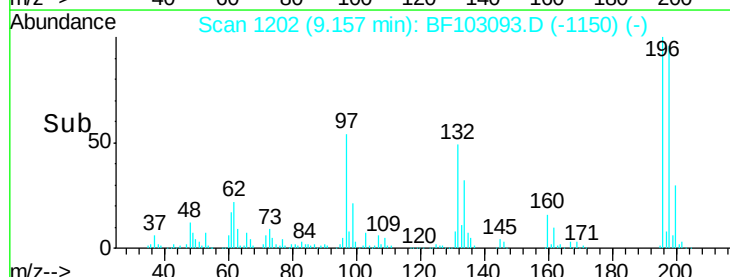
196 100

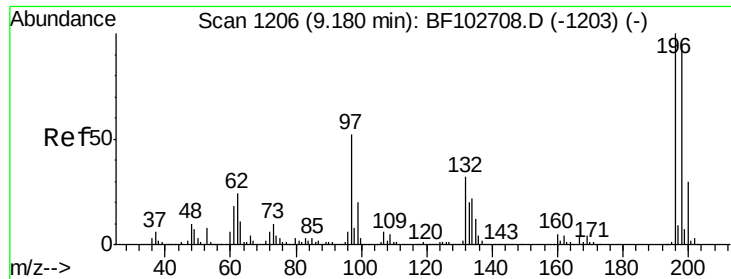
198 96.3 75.7 113.5

200 30.3 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

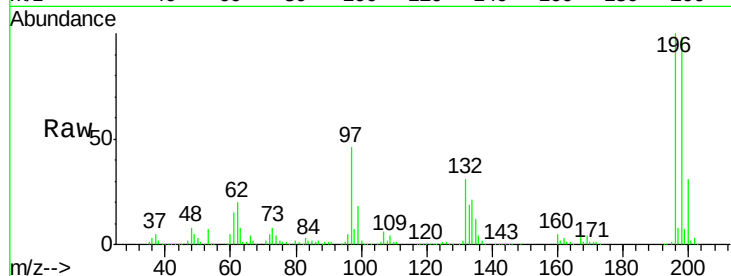




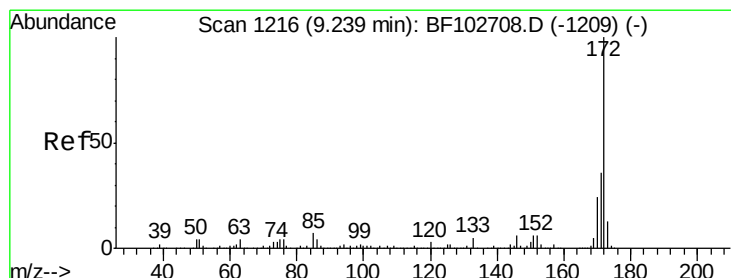
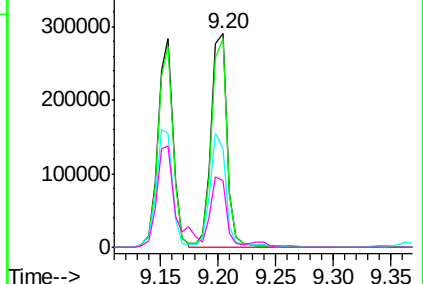
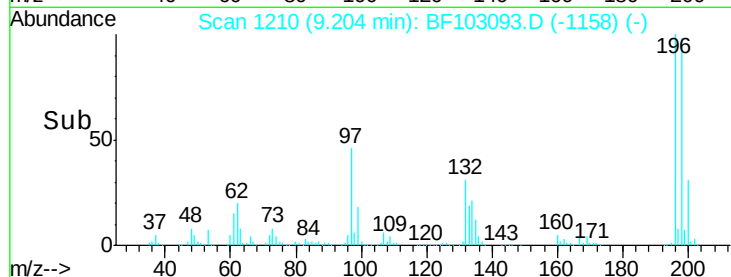
#43
 2,4,5-Trichlorophenol
 Concen: 40.61 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.9	74.6	112.0
97	46.4	42.9	64.3
132	31.2	26.3	39.5

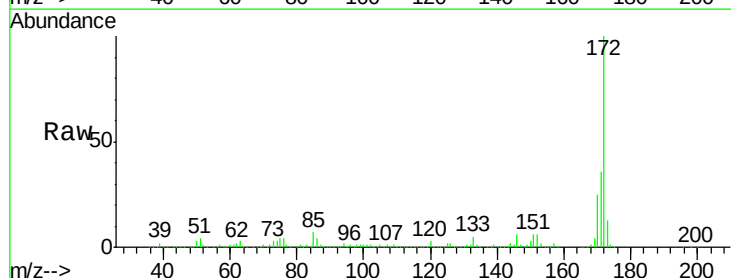


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

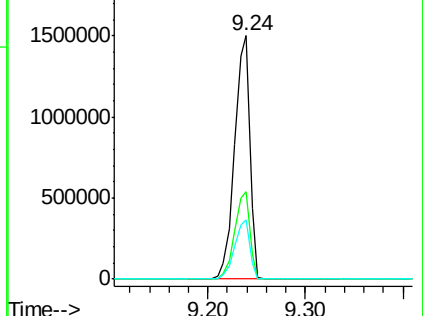
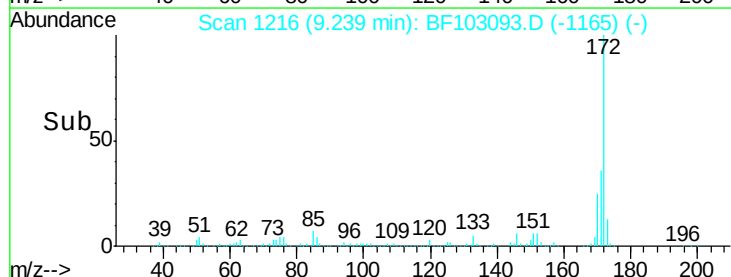


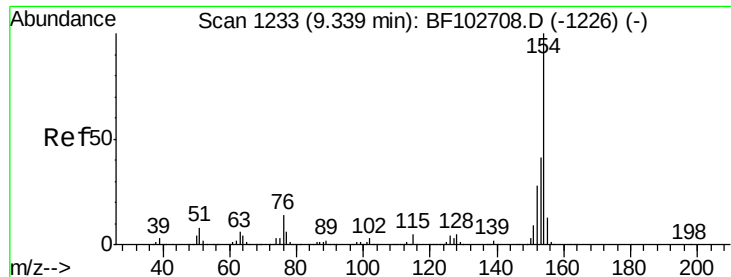
#44
 2-Fluorobiphenyl
 Concen: 78.96 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.6	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.39 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampleId :

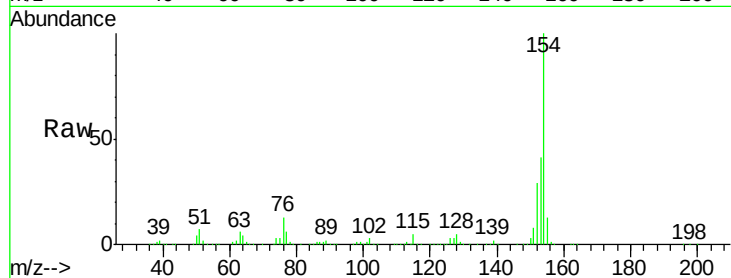
Tot Ion:154 Resp: 1076582

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

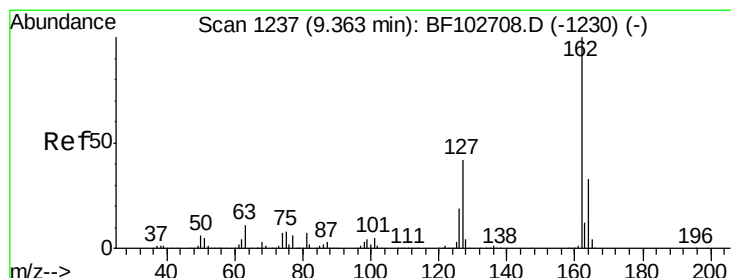
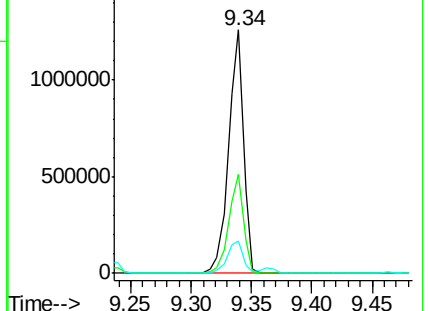
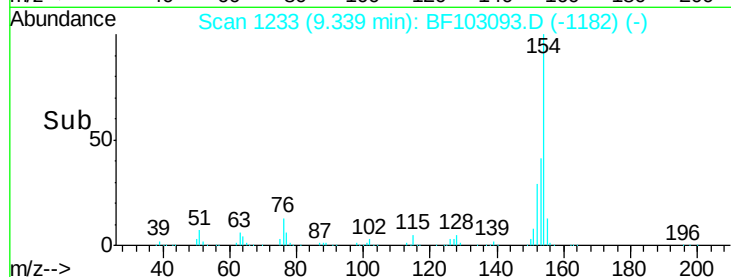
76 13.3 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 38.14 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

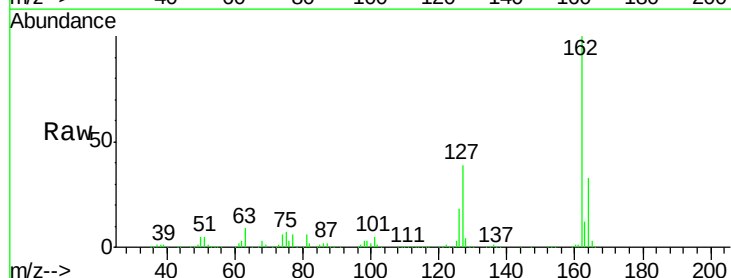
Tgt Ion:162 Resp: 864601

Ion Ratio Lower Upper

162 100

127 39.1 33.9 50.9

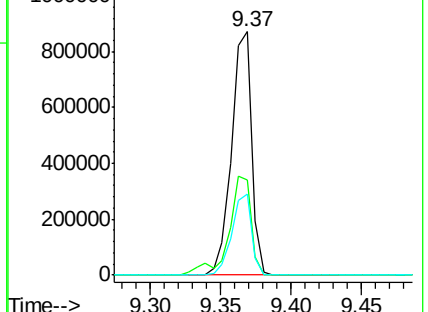
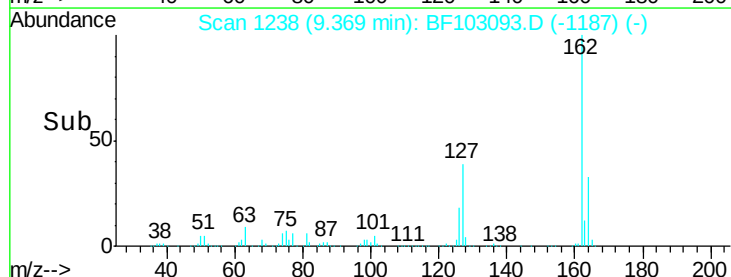
164 33.2 26.5 39.7

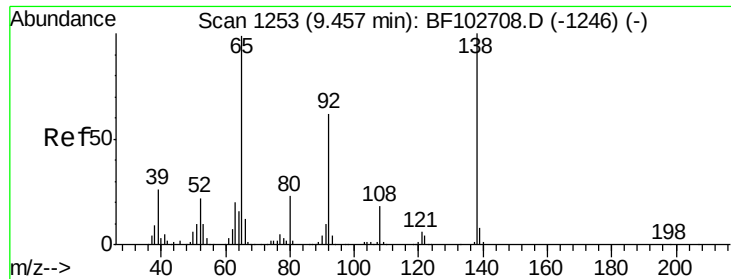


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.21 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampleId :

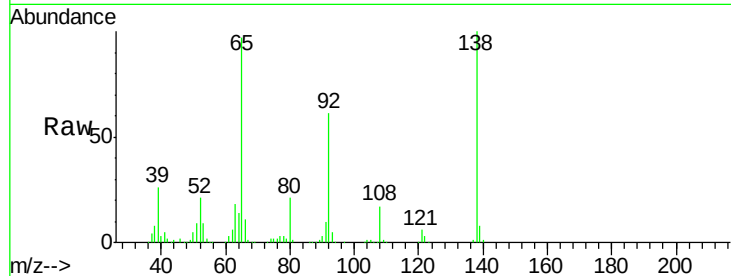
Tot Ion: 65 Resp: 322263

Ion Ratio Lower Upper

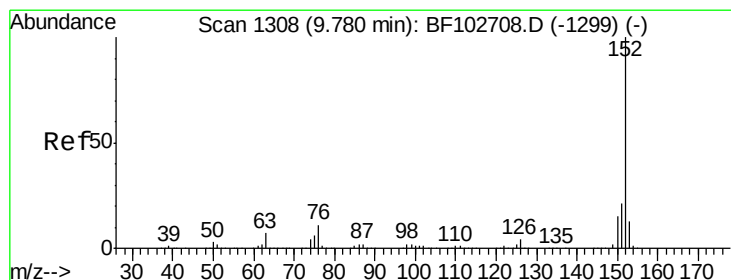
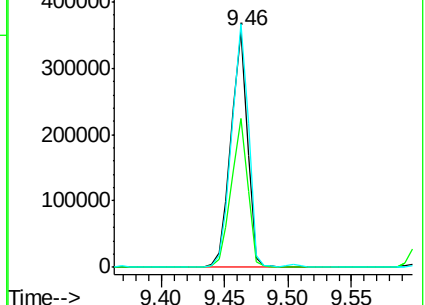
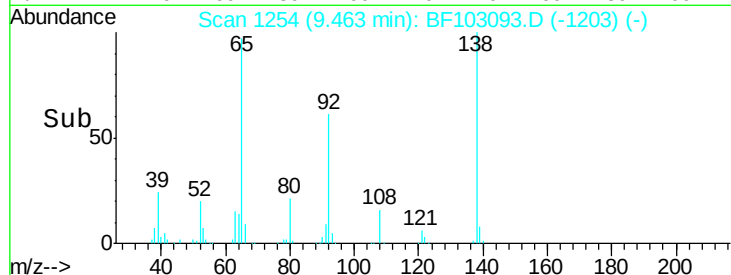
65 100

92 63.2 55.8 83.6

138 103.1 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: 36.33 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

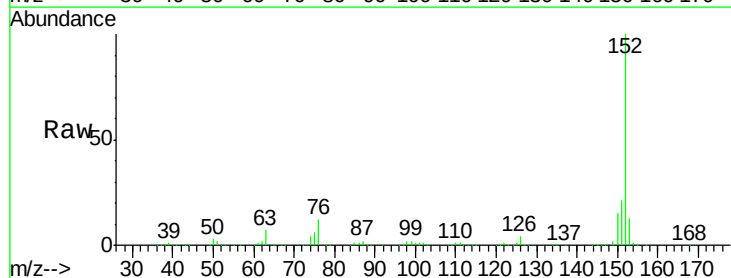
Tgt Ion: 152 Resp: 1279255

Ion Ratio Lower Upper

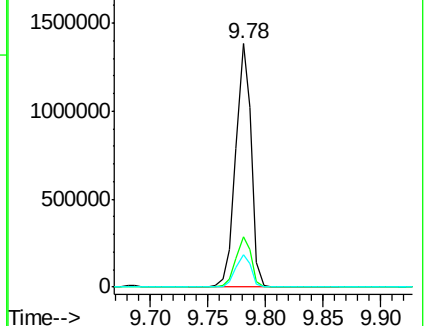
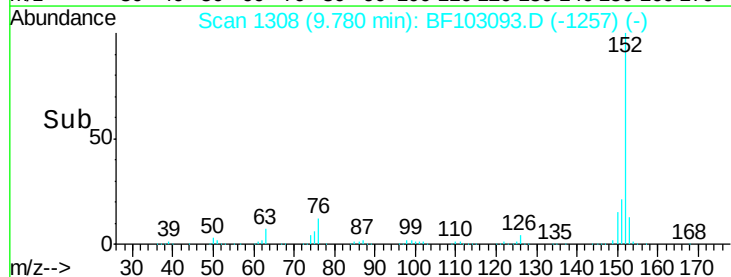
152 100

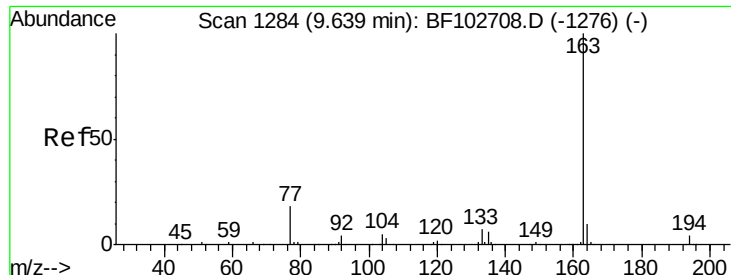
151 20.8 16.3 24.5

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

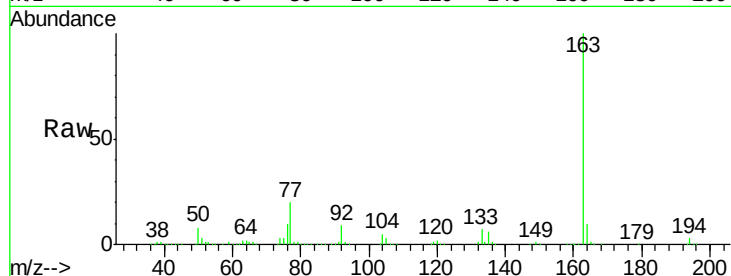




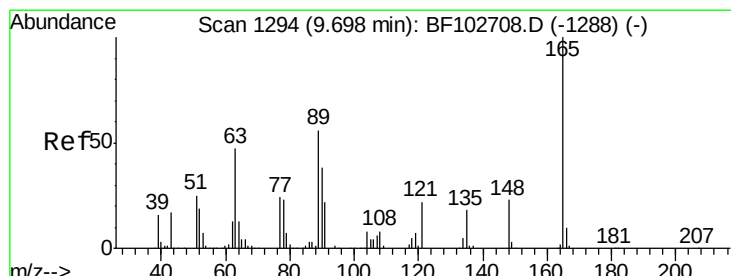
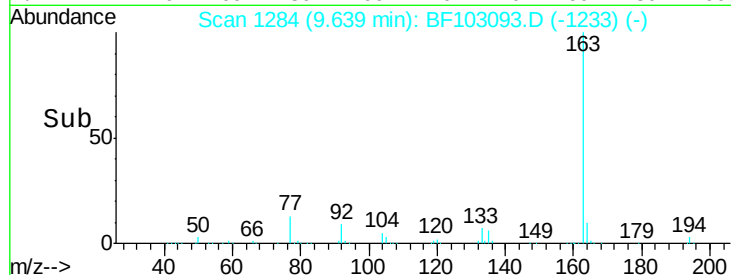
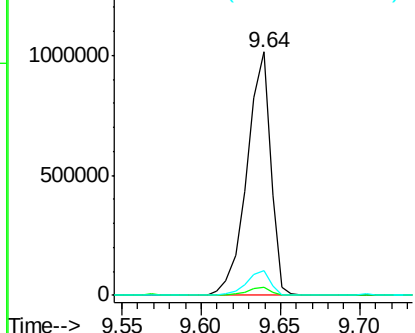
#49
Dimethylphthalate
Concen: 39.38 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1049591
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2

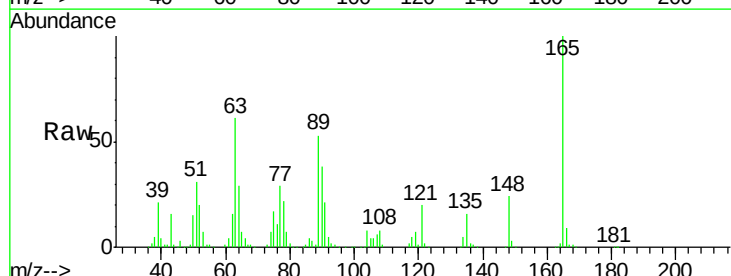


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

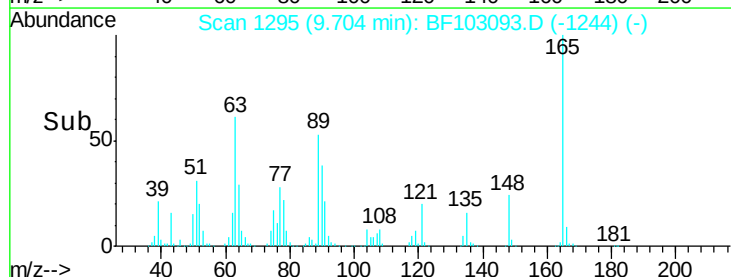
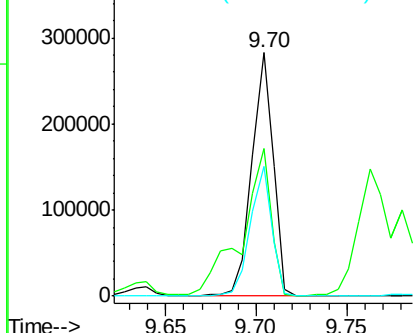


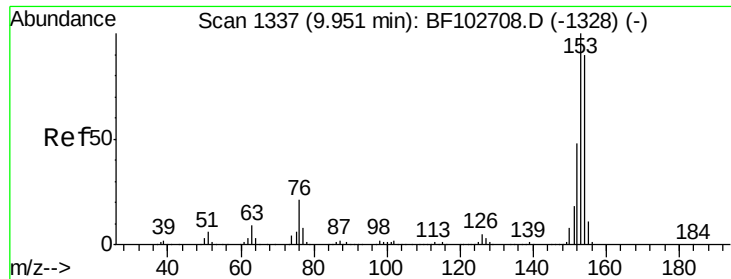
#50
2,6-Dinitrotoluene
Concen: 45.97 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion:165 Resp: 233154
Ion Ratio Lower Upper
165 100
63 60.7 44.7 67.1
89 53.3 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: 35.36 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampled :

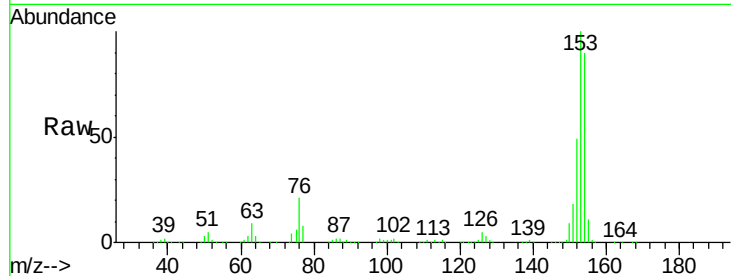
Tot Ion:154 Resp: 744514

Ion Ratio Lower Upper

154 100

153 111.7 91.2 136.8

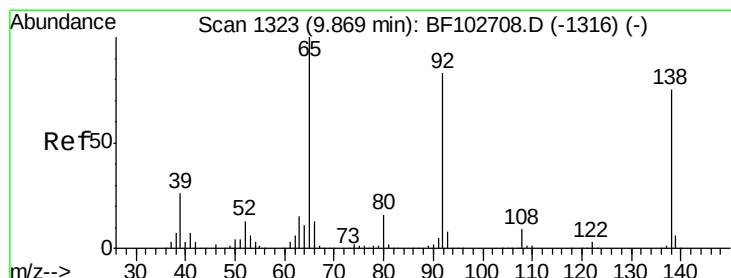
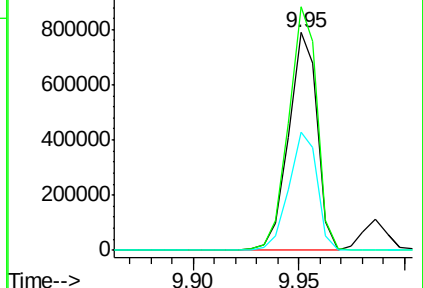
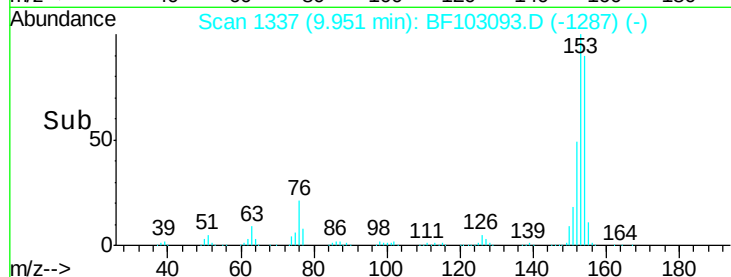
152 54.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.51 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

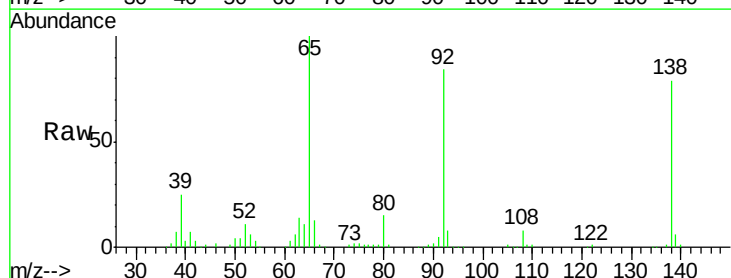
Tgt Ion:138 Resp: 165394

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

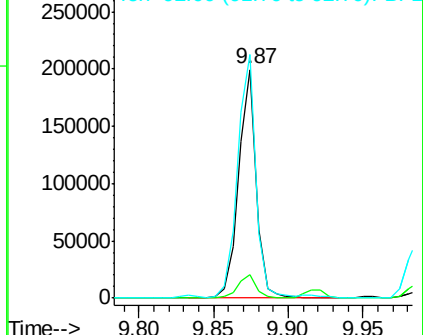
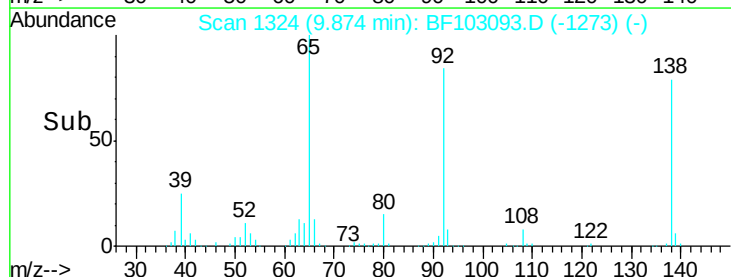
92 106.6 89.4 134.2

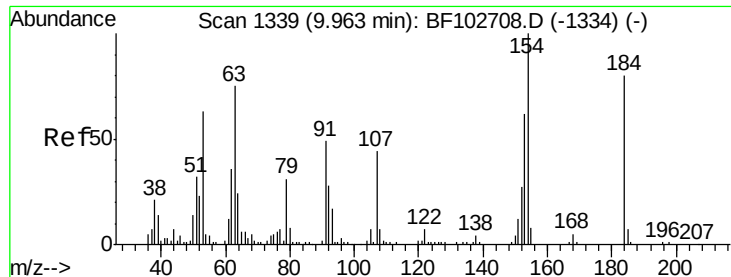


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

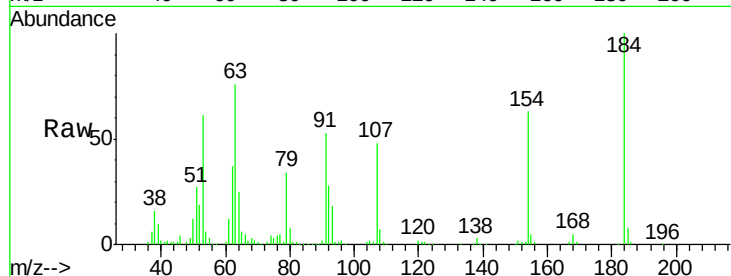




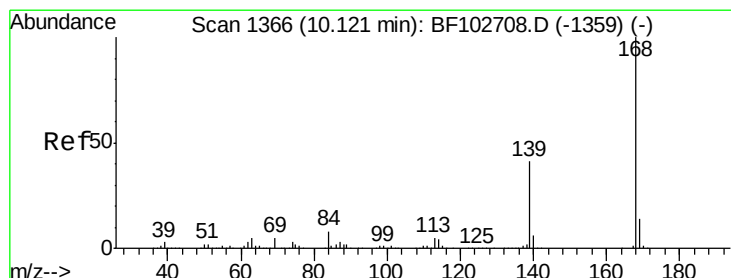
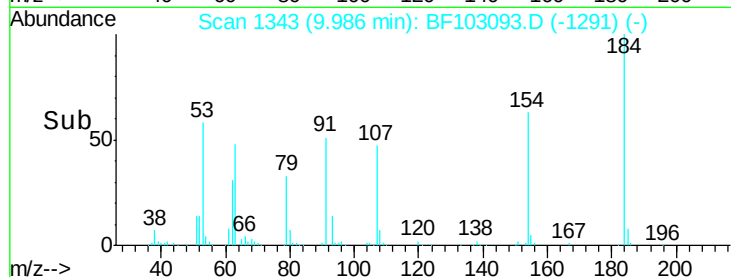
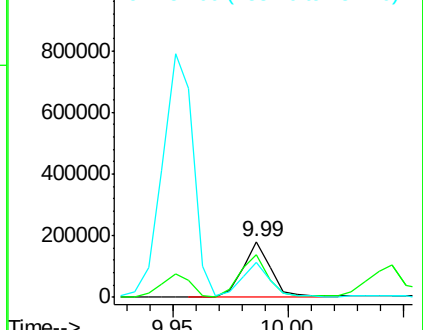
#53
2,4-Dinitrophenol
Concen: 86.61 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 156397
Ion Ratio Lower Upper
184 100
63 76.3 54.2 81.2
154 62.9 184.0 276.0#

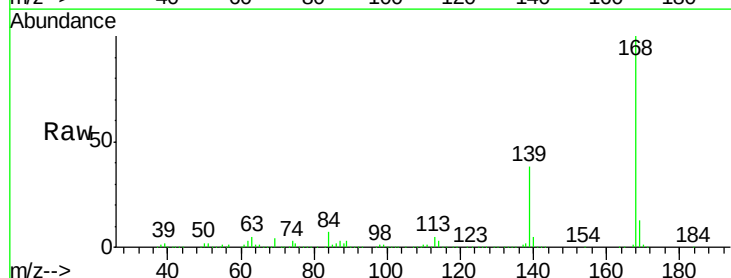


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

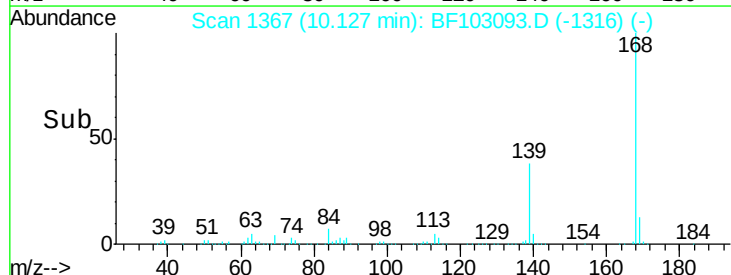
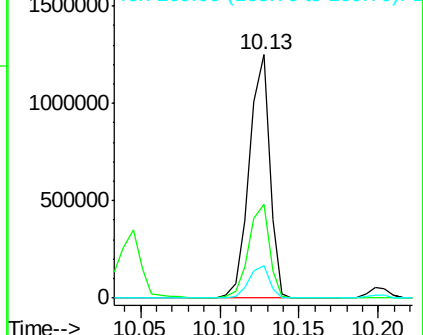


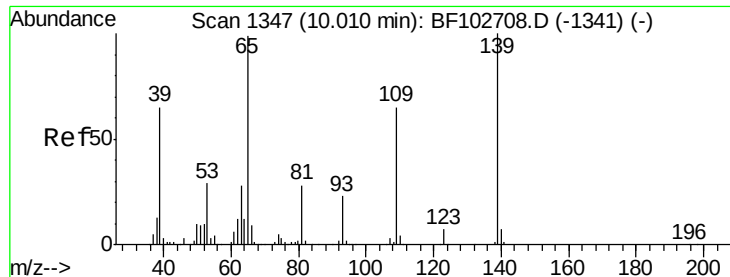
#54
Dibenzofuran
Concen: 37.88 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion:168 Resp: 1123910
Ion Ratio Lower Upper
168 100
139 38.4 30.1 45.1
169 13.2 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

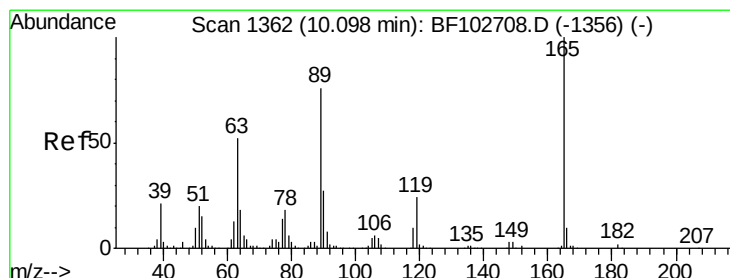
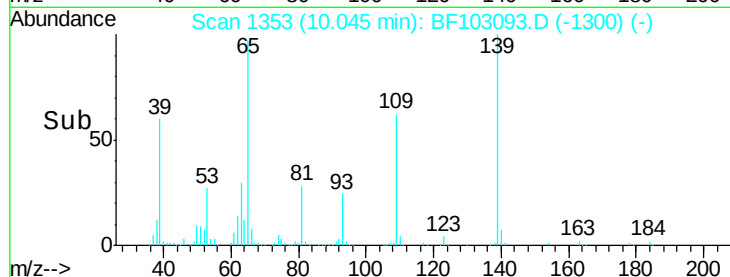
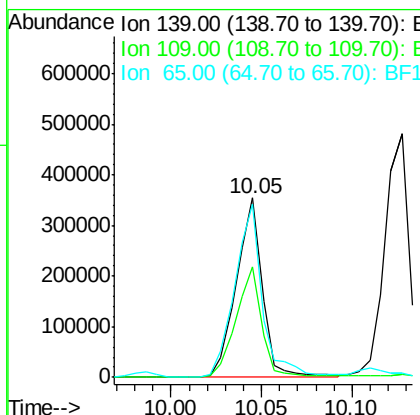
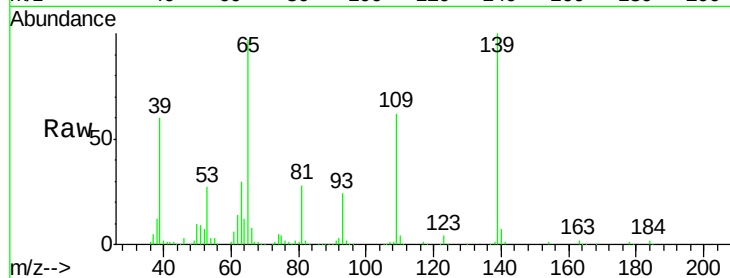




#55
4-Nitrophenol
Concen: 69.72 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

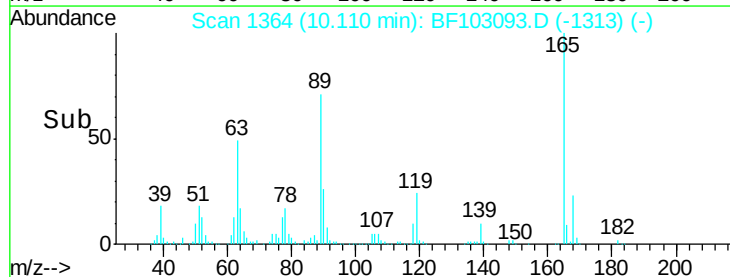
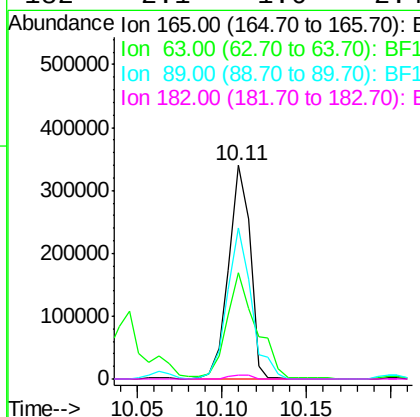
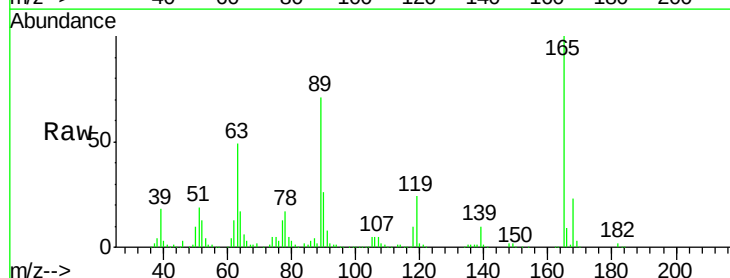
Instrument :
BNA_F
ClientSampleId :

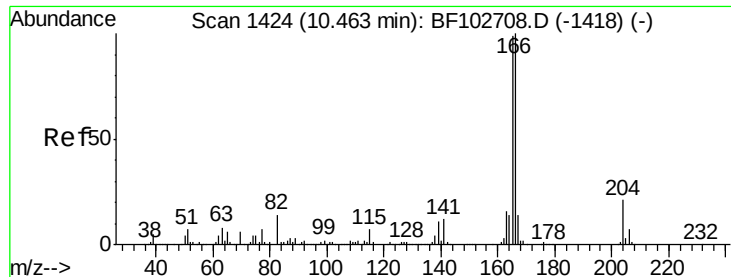
Tot Ion:139 Resp: 354713
Ion Ratio Lower Upper
139 100
109 61.8 48.4 88.4
65 96.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 44.45 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion:165 Resp: 300704
Ion Ratio Lower Upper
165 100
63 49.5 36.4 54.6
89 70.8 57.8 86.6
182 2.1 1.6 2.4

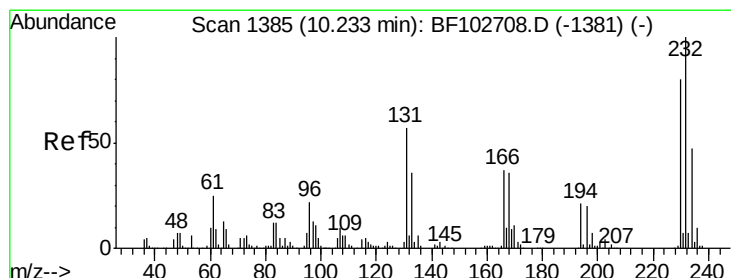
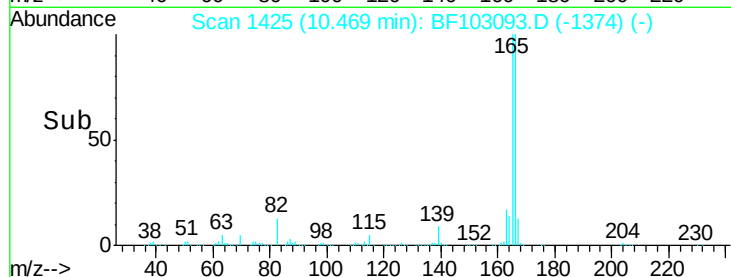
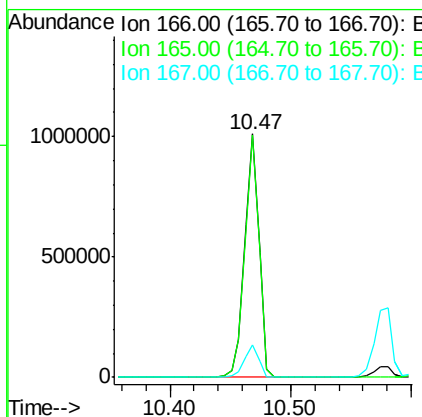
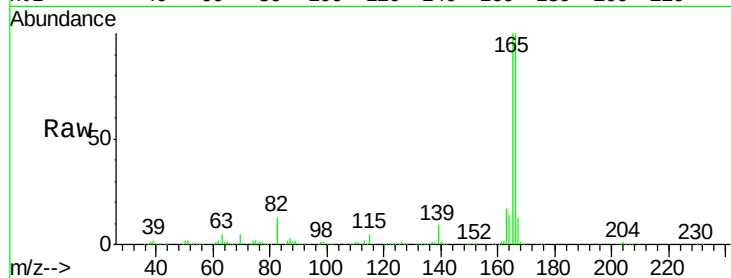




#57
 Fluorene
 Concen: 39.36 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

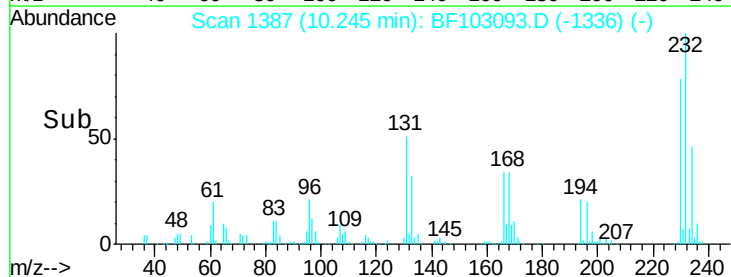
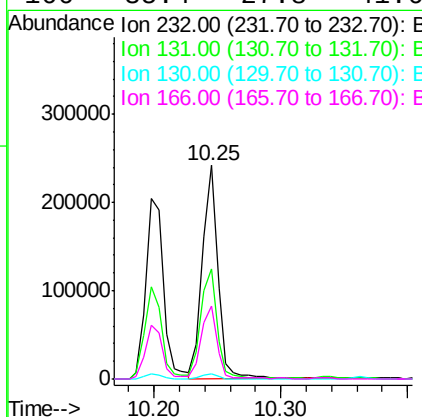
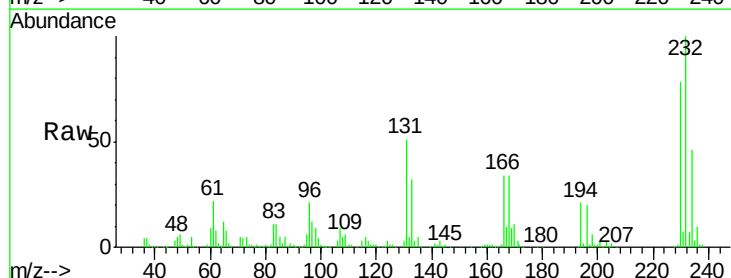
Instrument :
 BNA_F
 ClientSampleId :

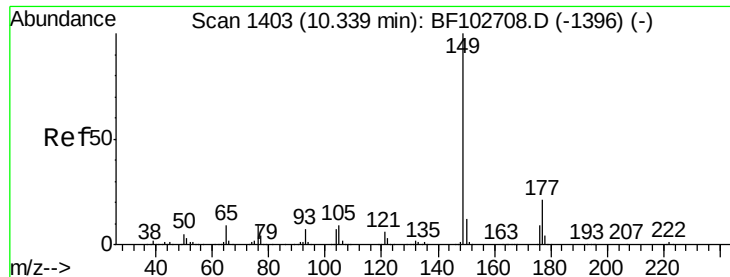
Tot Ion:166 Resp: 849718
 Ion Ratio Lower Upper
 166 100
 165 99.7 79.8 119.8
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.34 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Tgt Ion:232 Resp: 207019
 Ion Ratio Lower Upper
 232 100
 131 54.0 43.8 65.8
 130 2.6 2.1 3.1
 166 35.4 27.8 41.6





#59

Diethylphthalate

Concen: 37.55 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampled :

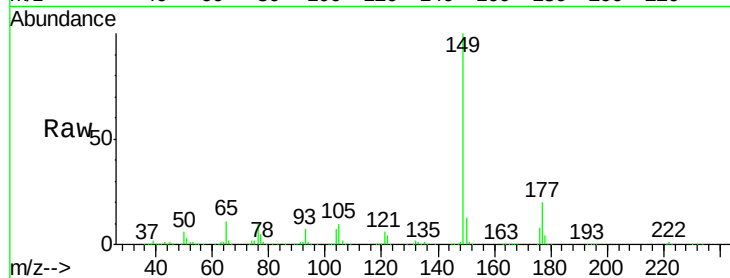
Tot Ion:149 Resp: 988405

Ion Ratio Lower Upper

149 100

177 20.5 16.1 24.1

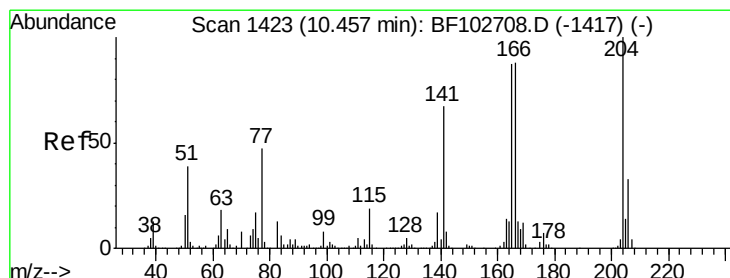
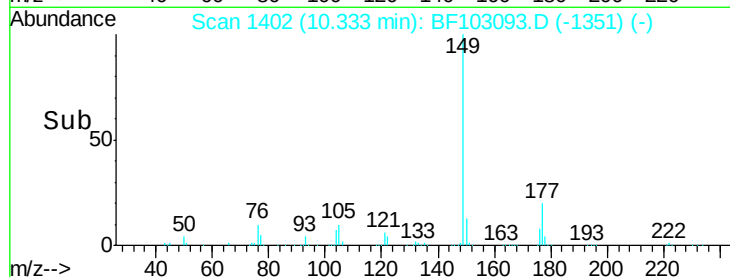
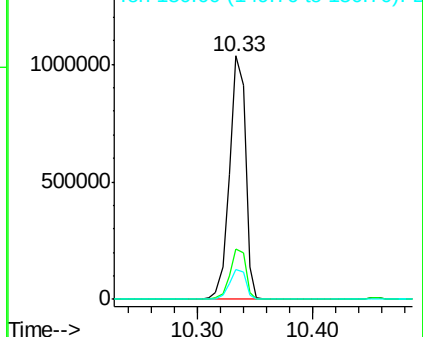
150 12.5 10.1 15.1



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: 40.18 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

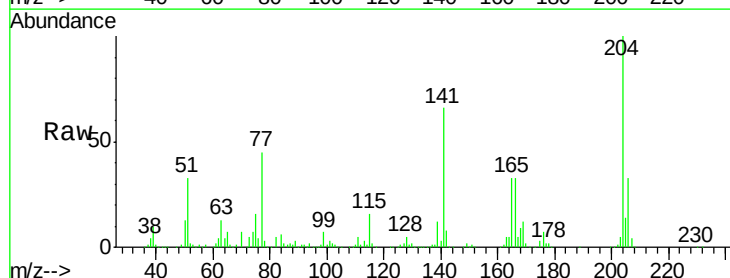
Tgt Ion:204 Resp: 383706

Ion Ratio Lower Upper

204 100

206 32.8 26.5 39.7

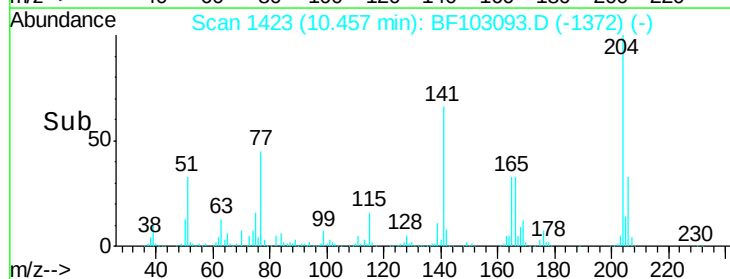
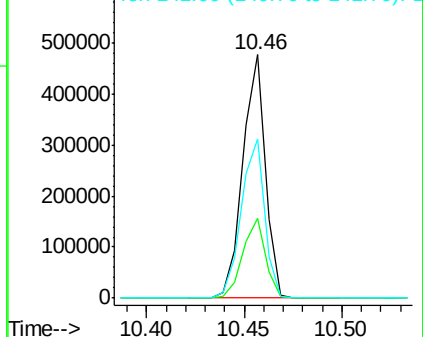
141 65.6 54.6 81.8

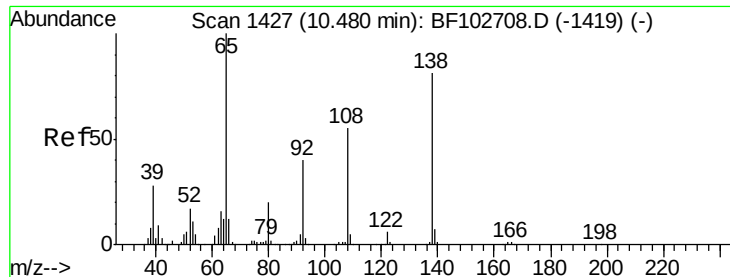


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

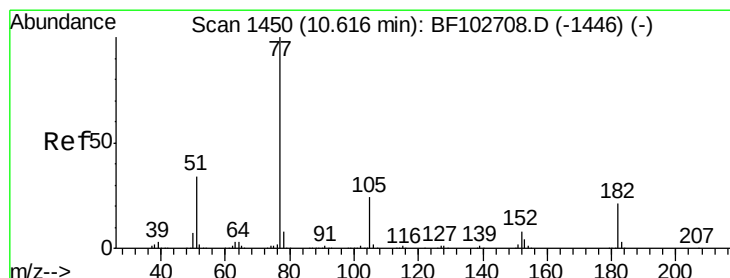
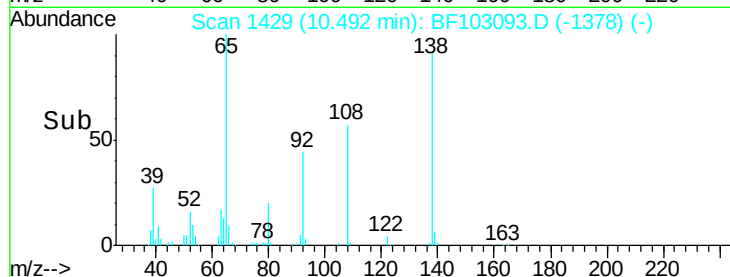
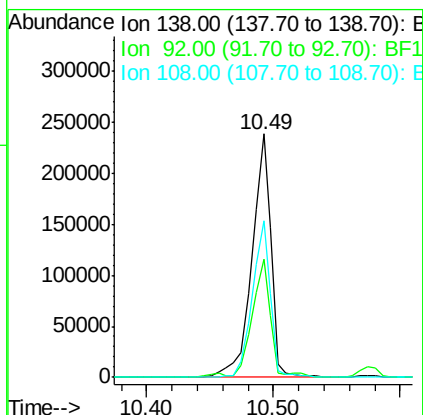
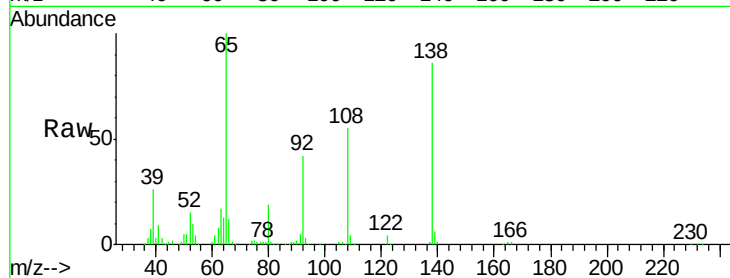




#61
4-Nitroaniline
Concen: 42.35 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

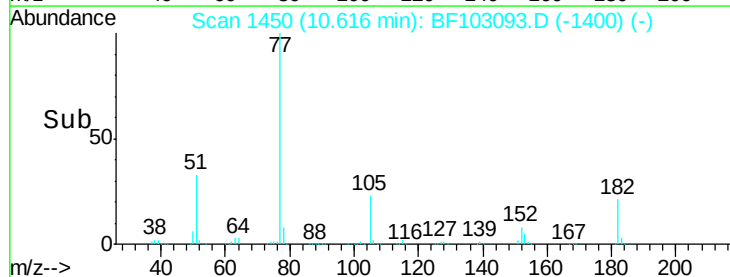
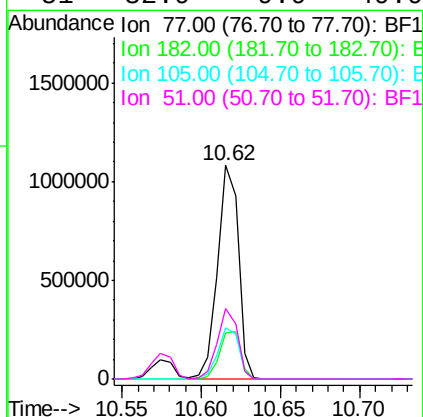
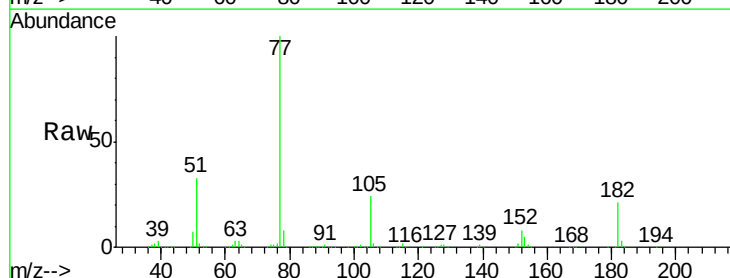
Instrument :
BNA_F
ClientSampled :

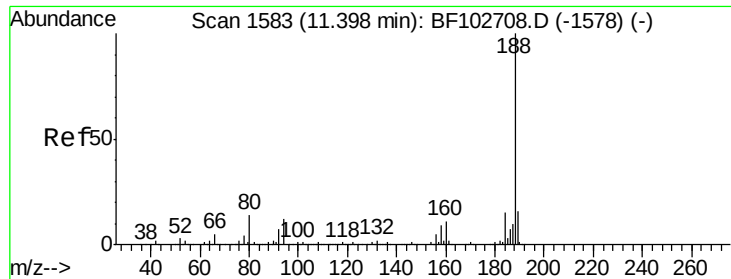
Tot Ion:138 Resp: 251514
Ion Ratio Lower Upper
138 100
92 48.6 30.2 70.2
108 64.4 52.5 92.5



#62
Azobenzene
Concen: 37.45 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion: 77 Resp: 984620
Ion Ratio Lower Upper
77 100
182 21.3 1.7 41.7
105 24.1 3.0 43.0
51 32.9 9.9 49.9

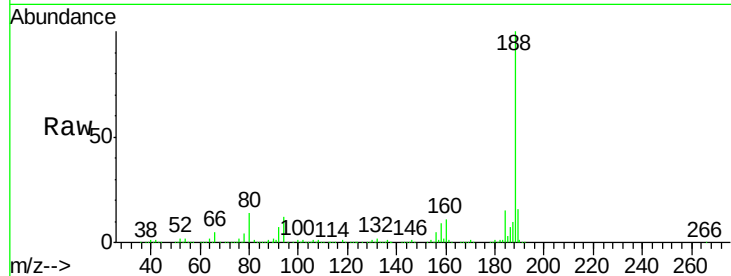




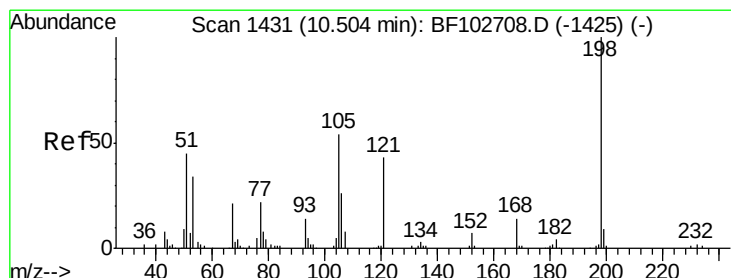
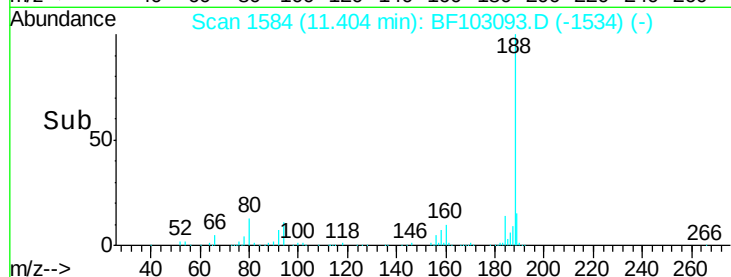
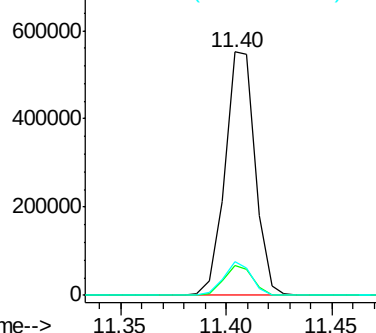
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 549201
Ion Ratio Lower Upper
188 100
94 12.3 8.5 12.7
80 13.7 9.2 13.8

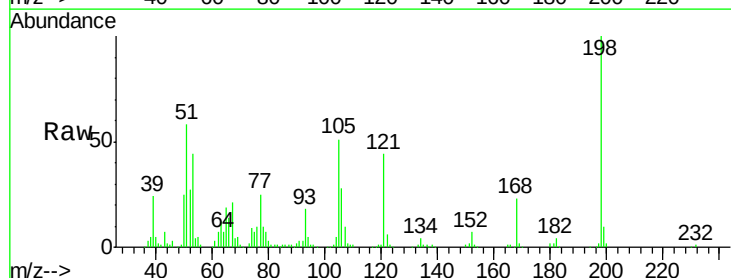


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

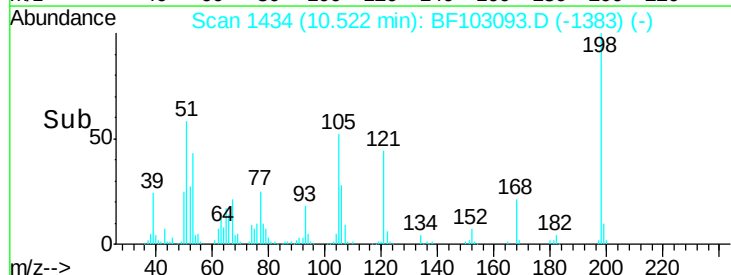
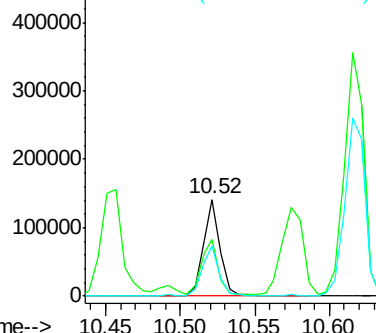


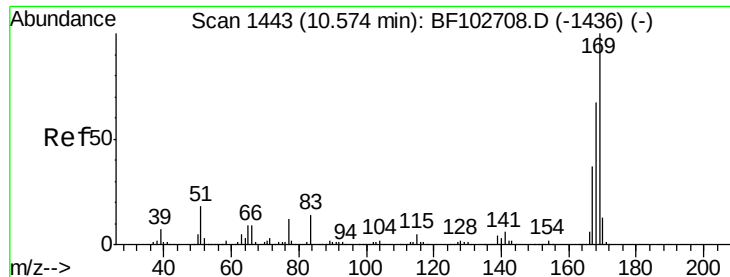
#64
4,6-Dinitro-2-methylphenol
Concen: 48.95 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion:198 Resp: 112661
Ion Ratio Lower Upper
198 100
51 58.1 37.7 77.7
105 51.4 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

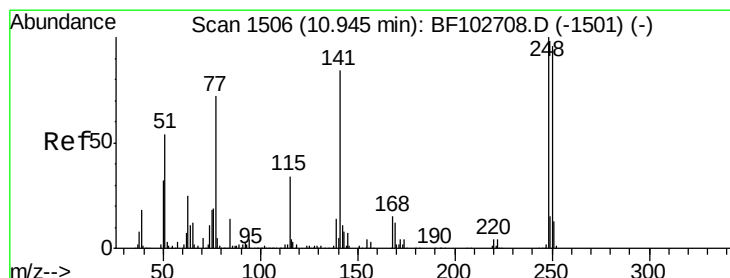
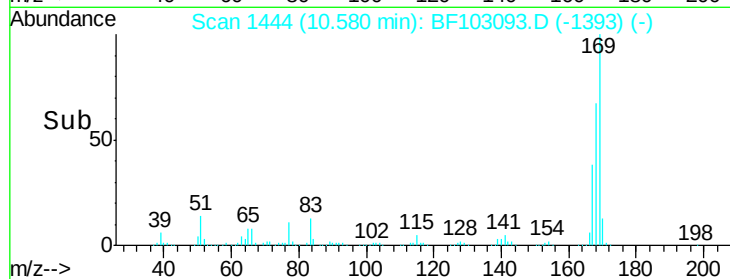
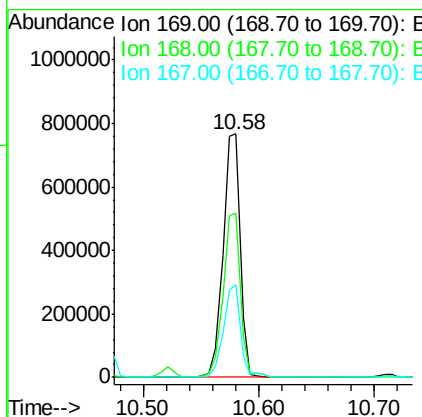
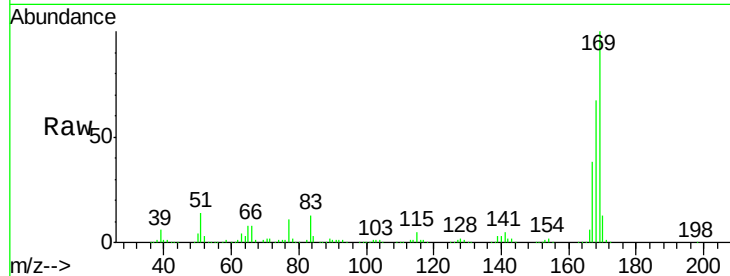




#65
 n-Nitrosodiphenylamine
 Concen: 40.55 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

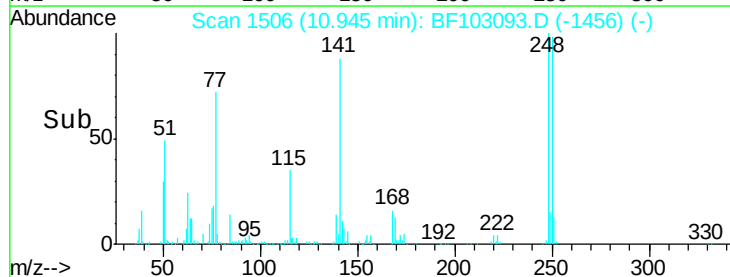
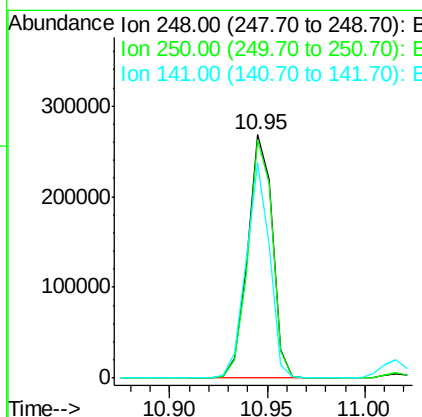
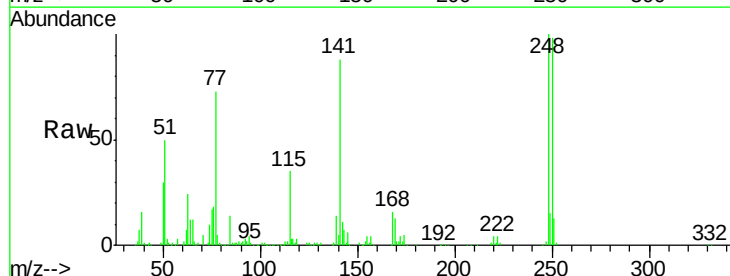
Instrument :
 BNA_F
 ClientSampleId :

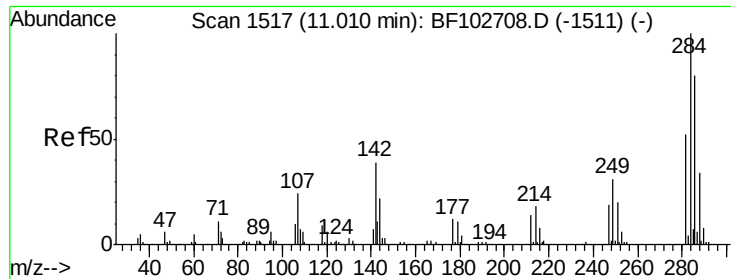
Tot Ion:169 Resp: 785486
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.4 81.6
 167 37.8 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 40.54 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Tgt Ion:248 Resp: 235545
 Ion Ratio Lower Upper
 248 100
 250 98.0 76.9 115.3
 141 88.4 74.4 111.6





#67

Hexachlorobenzene

Concen: 38.33 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampleId :

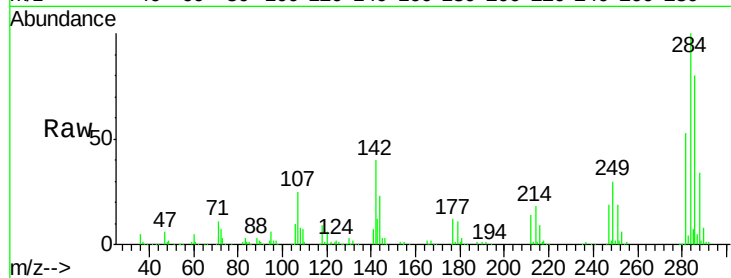
Tot Ion:284 Resp: 245670

Ion Ratio Lower Upper

284 100

142 40.1 34.6 52.0

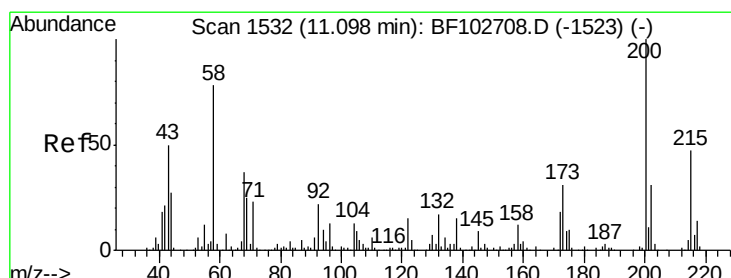
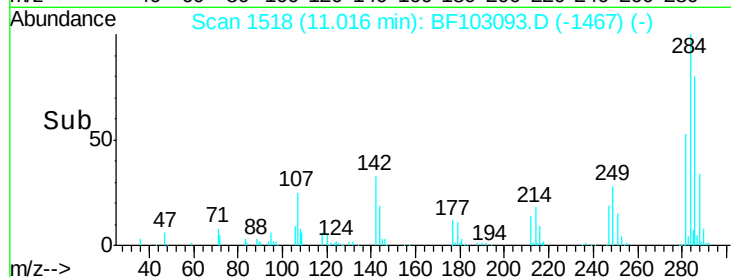
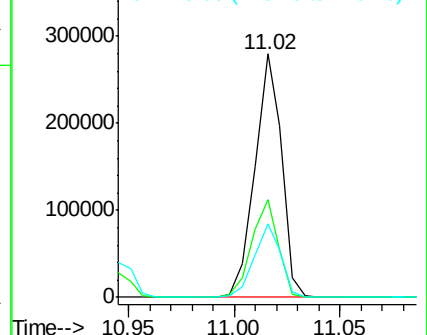
249 30.2 24.8 37.2



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: 41.61 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

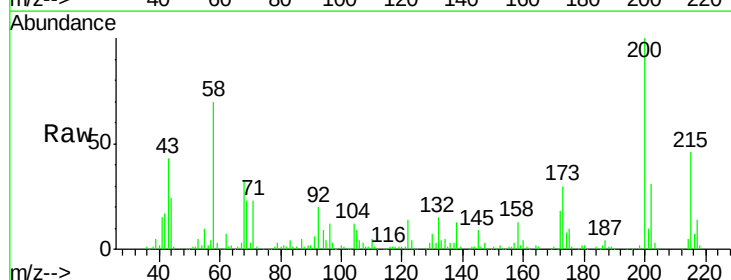
Tgt Ion:200 Resp: 237786

Ion Ratio Lower Upper

200 100

173 29.6 8.6 48.6

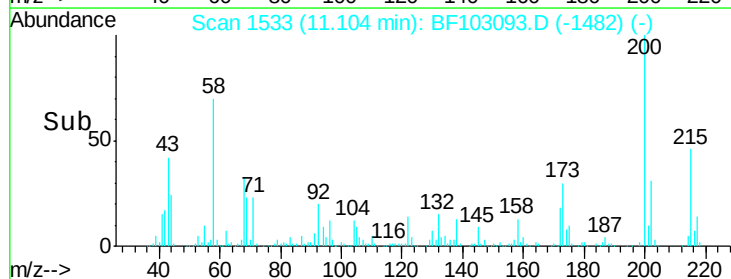
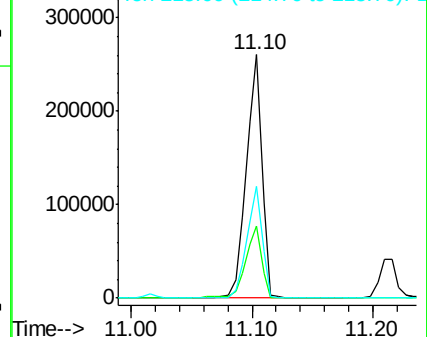
215 45.7 25.1 65.1

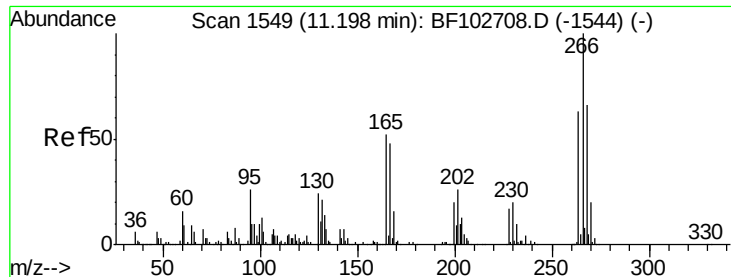


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

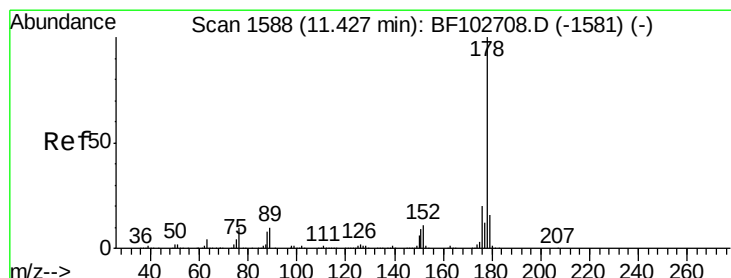
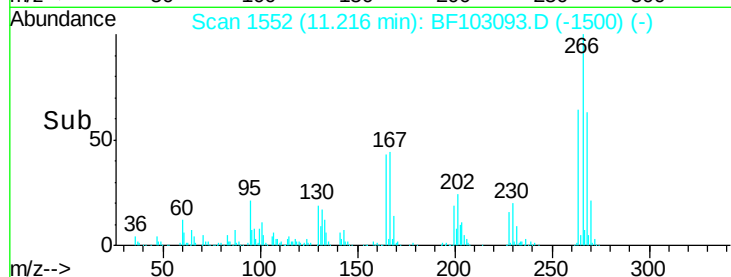
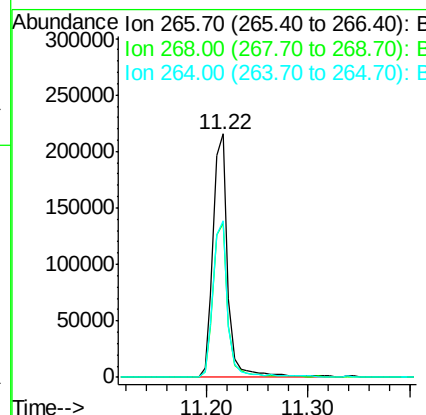
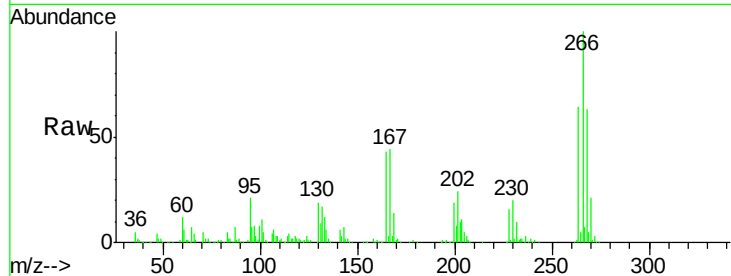




#69
 Pentachlorophenol
 Concen: 58.74 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

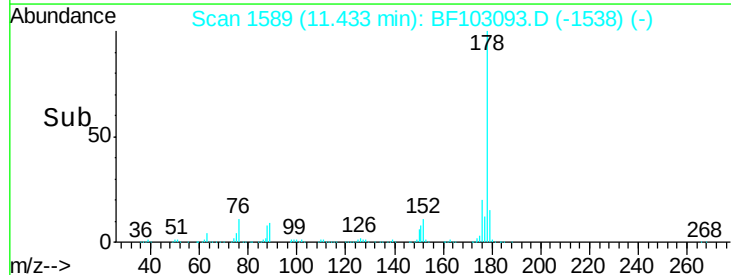
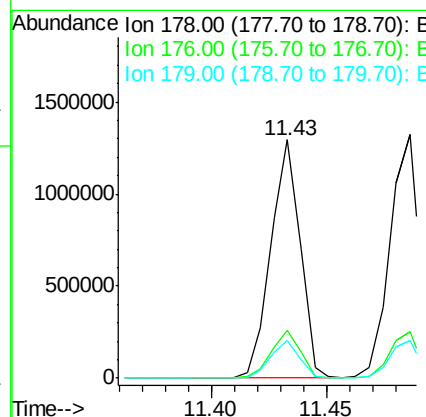
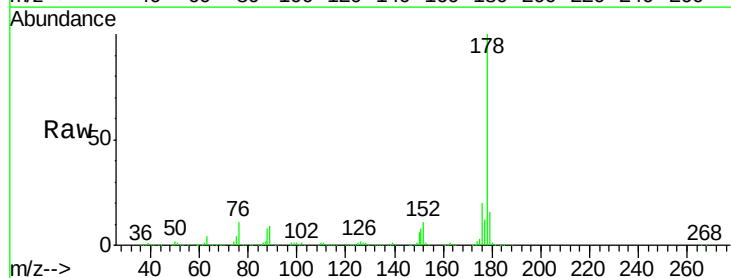
Instrument :
 BNA_F
 ClientSampled :

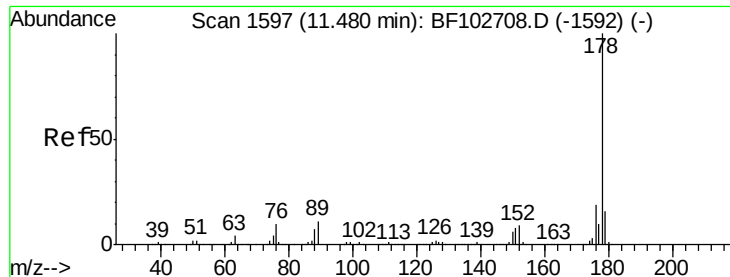
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	64.2	49.5	74.3



#70
 Phenanthrene
 Concen: 37.40 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.8	13.0	19.6

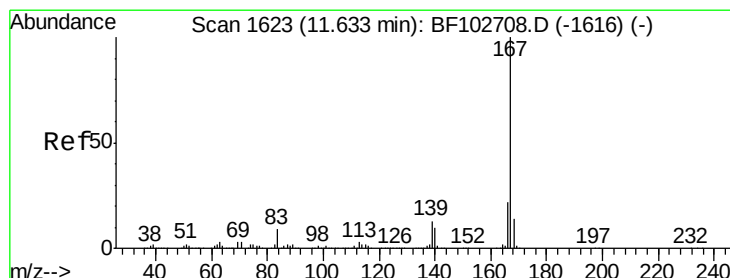
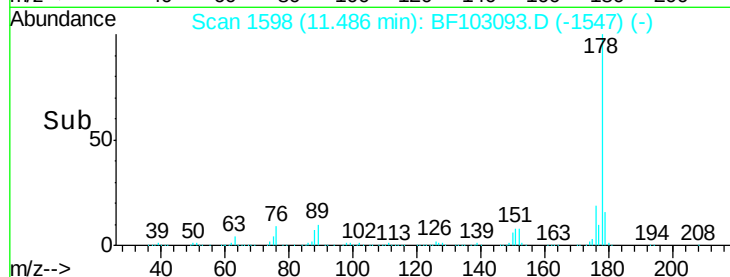
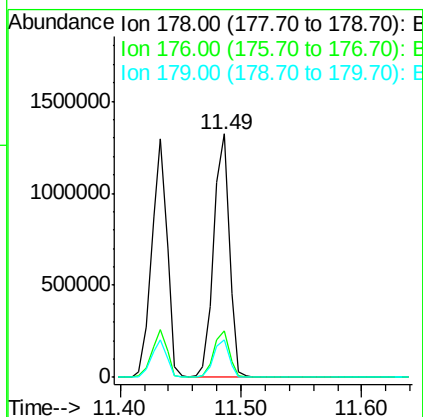
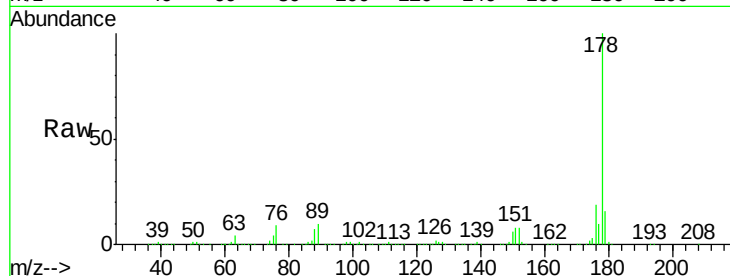




#71
 Anthracene
 Concen: 37.96 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

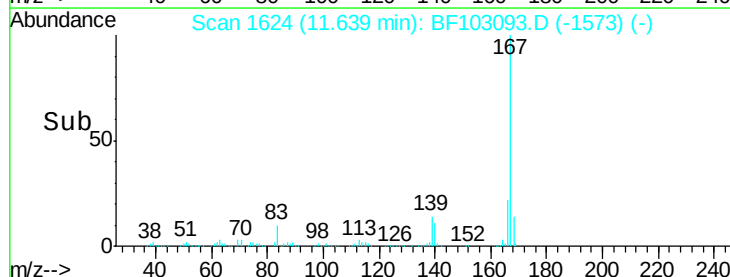
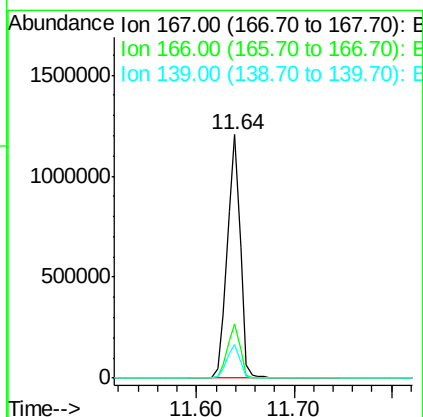
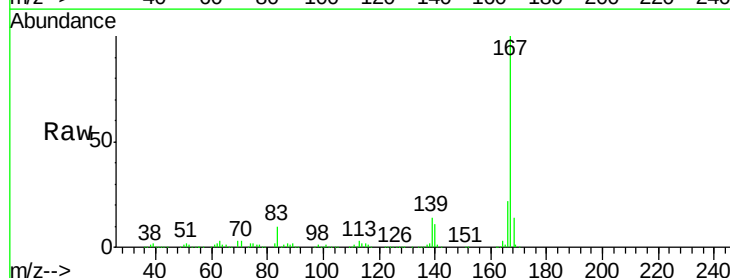
Instrument :
 BNA_F
 ClientSampleId :

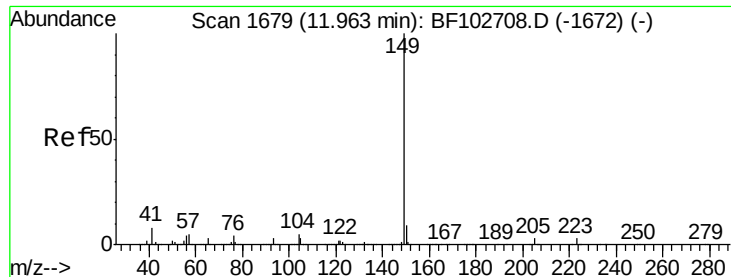
Tot Ion:178 Resp: 1180941
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 36.68 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Tgt Ion:167 Resp: 1118056
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.11 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampleId :

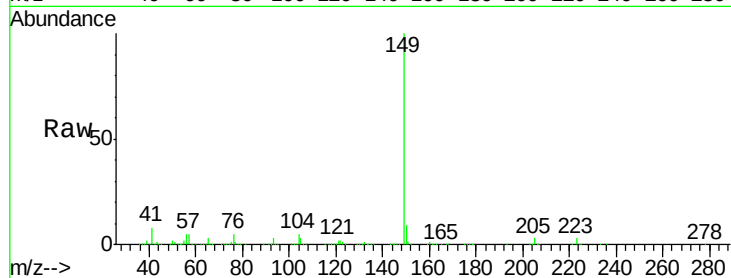
Tot Ion:149 Resp: 1485133

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

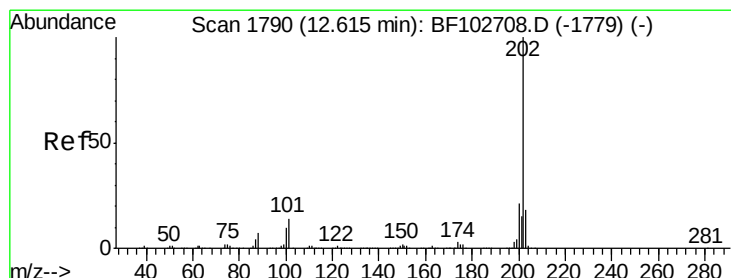
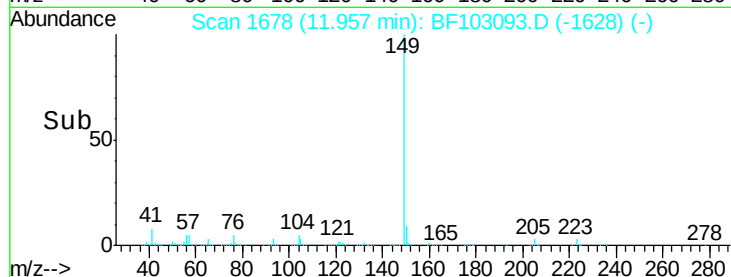
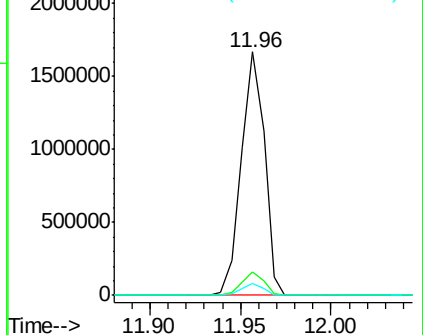
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.22 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

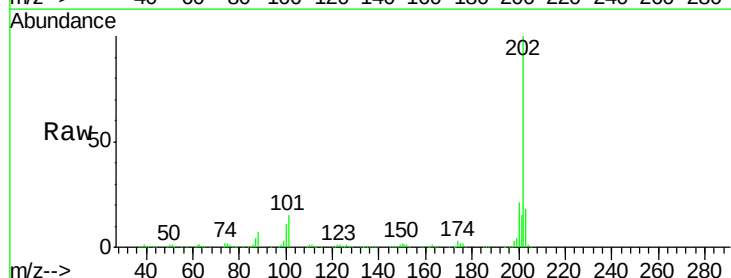
Tgt Ion:202 Resp: 1022247

Ion Ratio Lower Upper

202 100

101 14.9 0.0 34.1

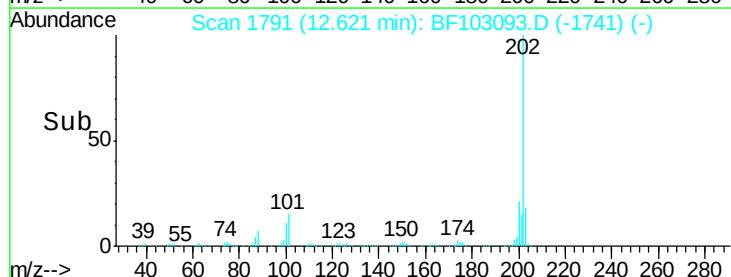
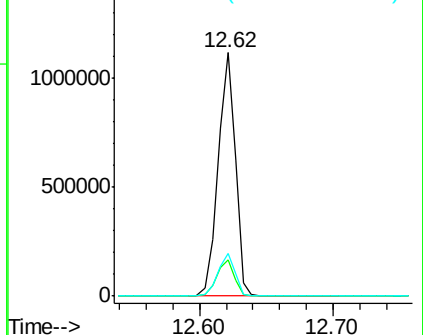
203 17.7 0.0 38.1

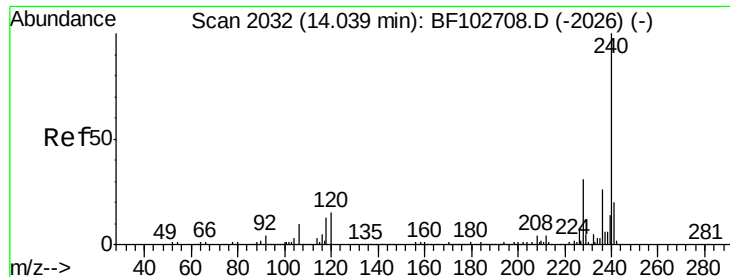


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampled :

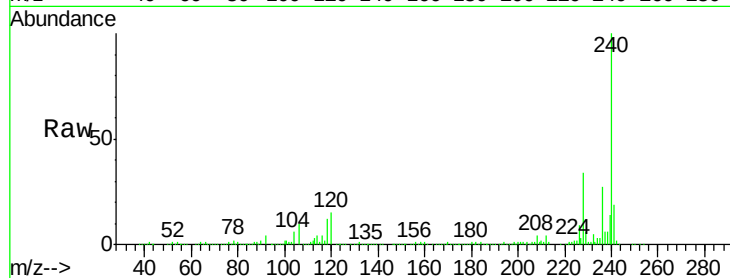
Tot Ion:240 Resp: 305891

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

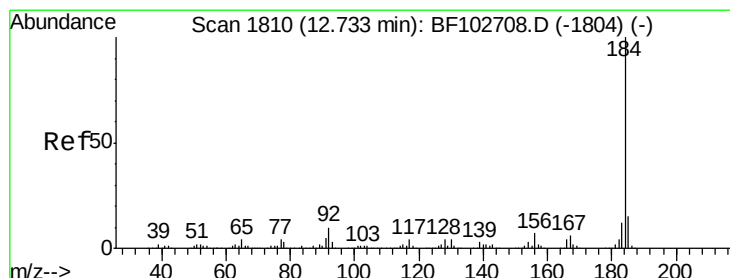
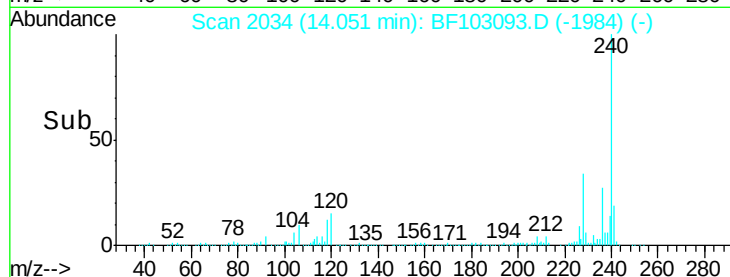
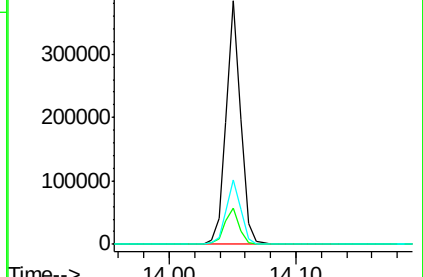
236 26.5 20.7 31.1



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: 31.32 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

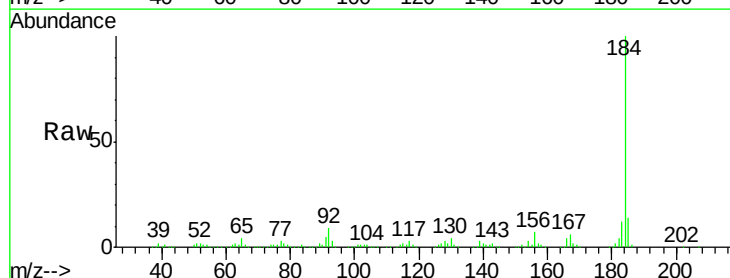
Tgt Ion:184 Resp: 440388

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

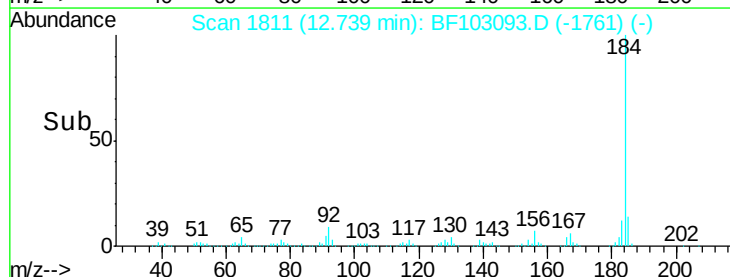
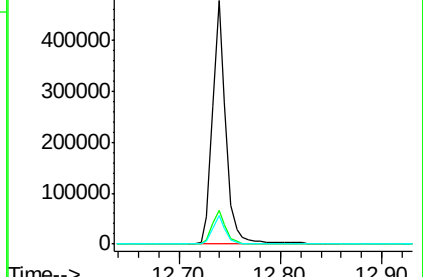
183 11.9 9.3 13.9

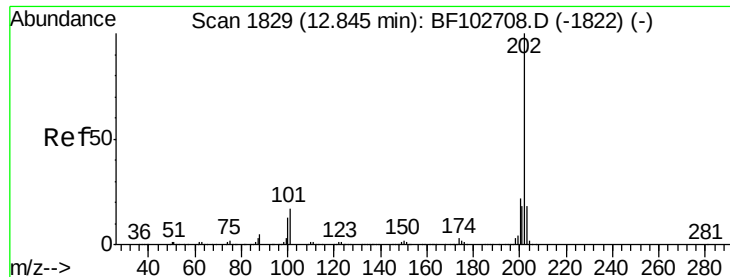


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.98 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

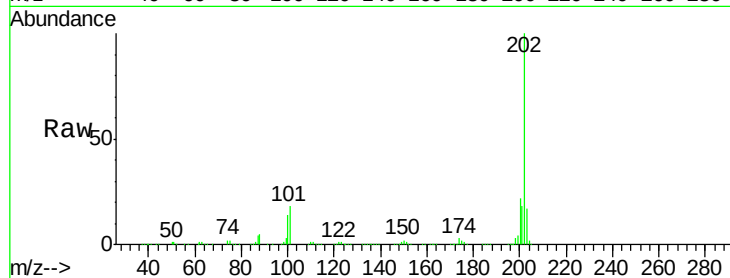
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1006960

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.4	14.3	21.5

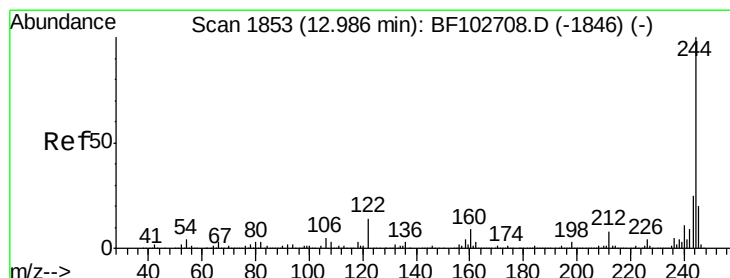
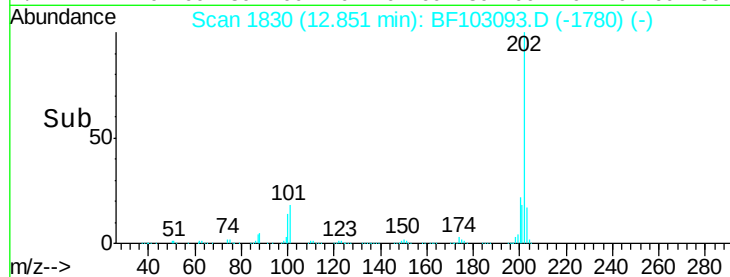
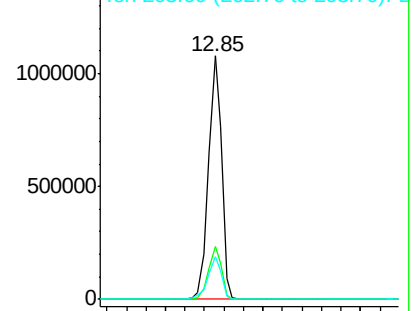


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.01 ng

RT: 12.99 min Scan# 1853

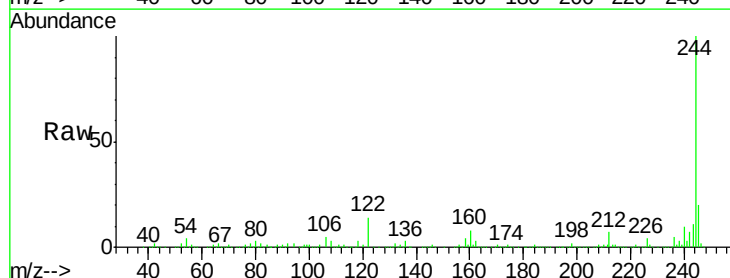
Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Tgt Ion:244 Resp: 1214480

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.4	11.0	16.4

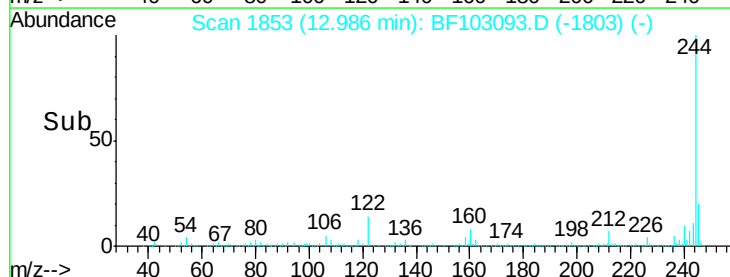
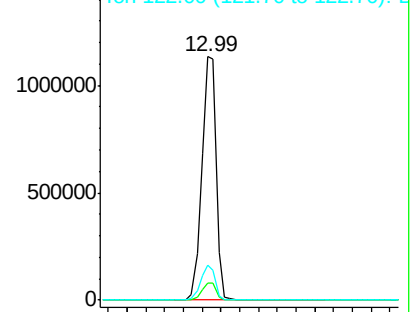


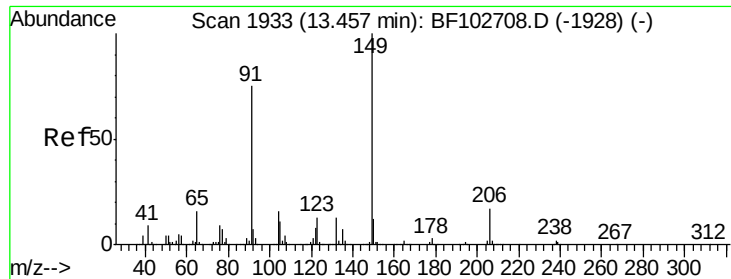
Abundance

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

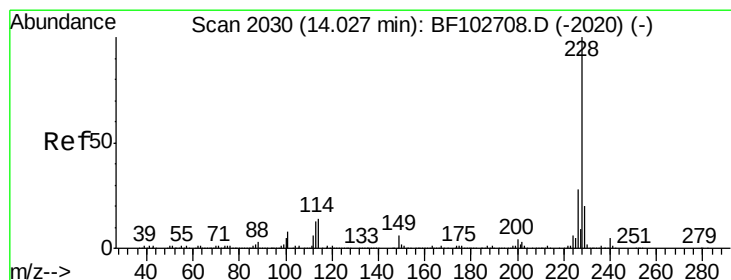
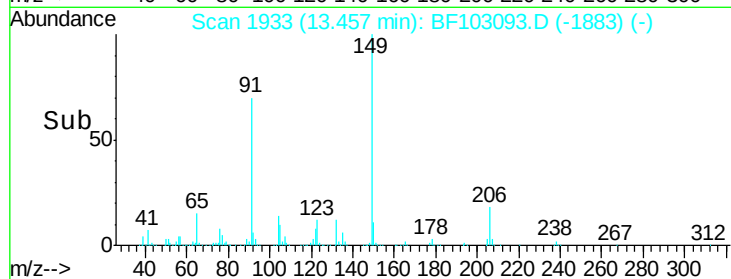
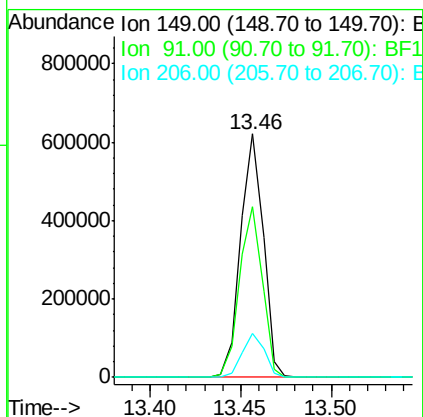
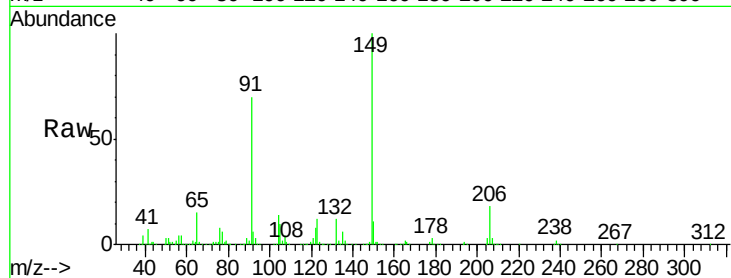




#79
Butylbenzylphthalate
Concen: 47.18 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

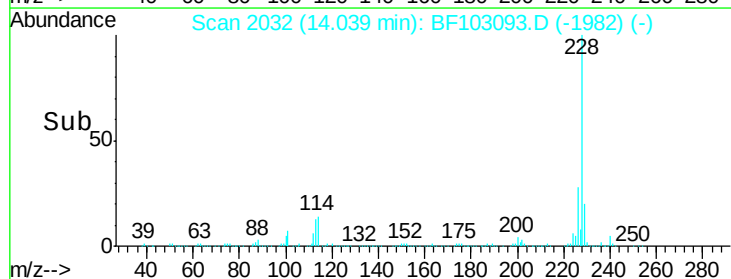
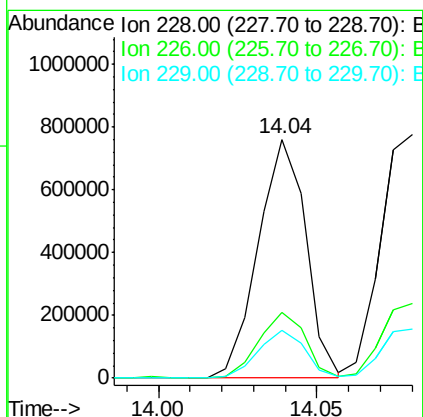
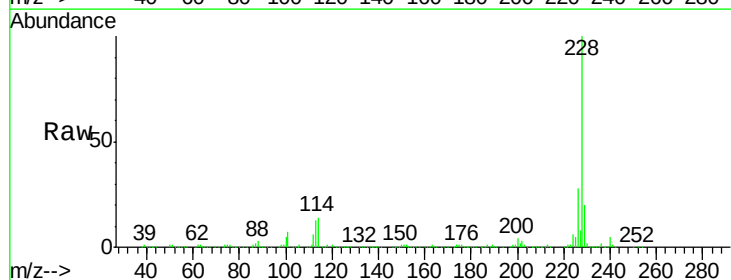
Instrument :
BNA_F
ClientSampleId :

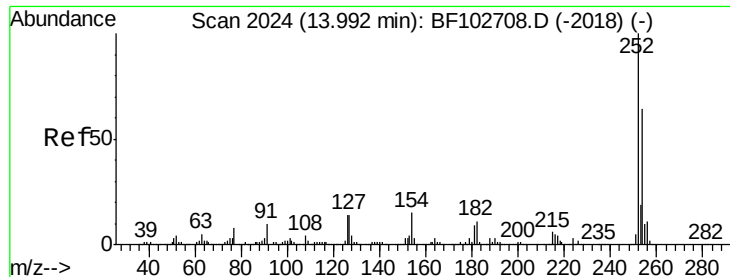
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.9	56.8	85.2
206	17.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 41.36 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.0	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 34.71 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampleId :

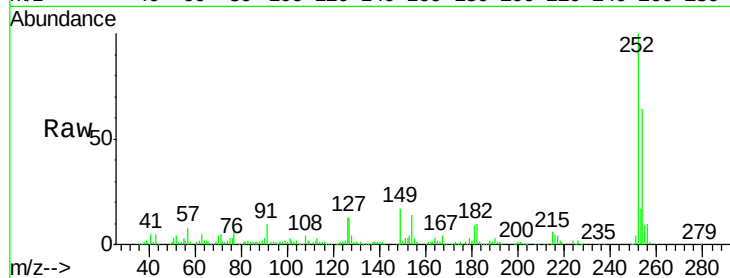
Tot Ion:252 Resp: 247606

Ion Ratio Lower Upper

252 100

254 63.7 50.4 75.6

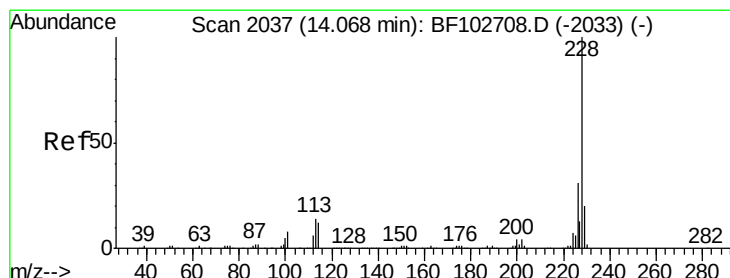
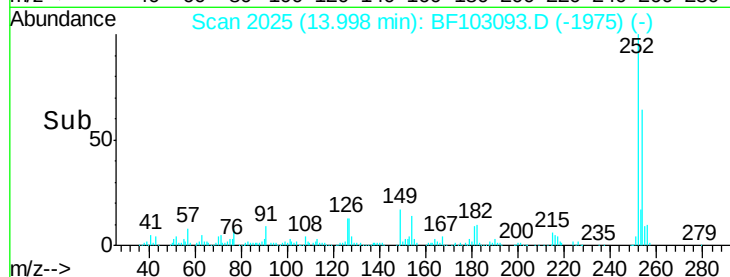
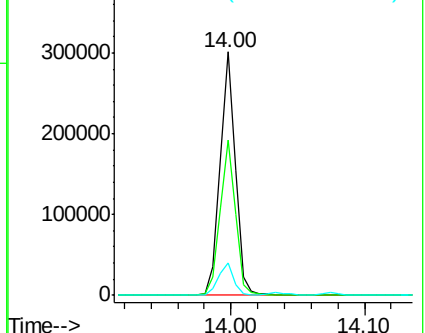
126 13.4 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.71 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

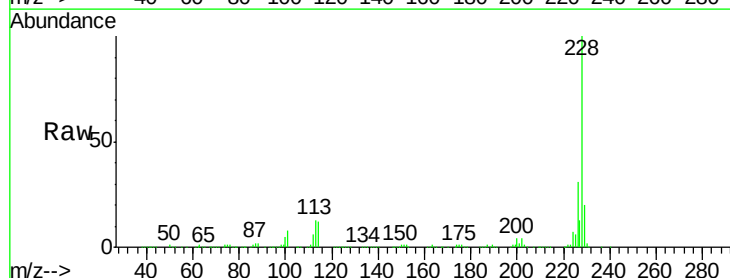
Tgt Ion:228 Resp: 750654

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

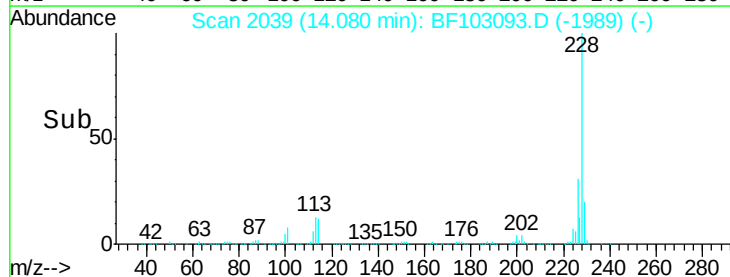
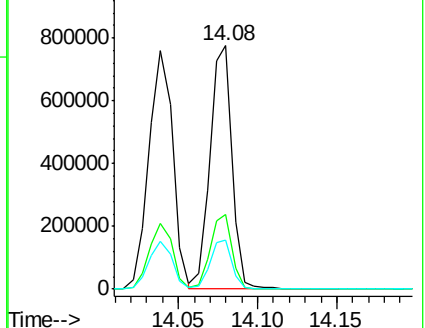
229 20.3 16.2 24.4

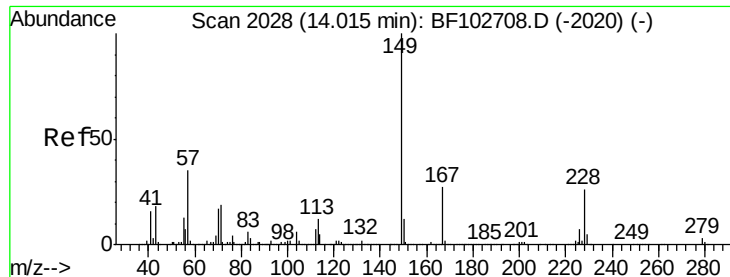


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

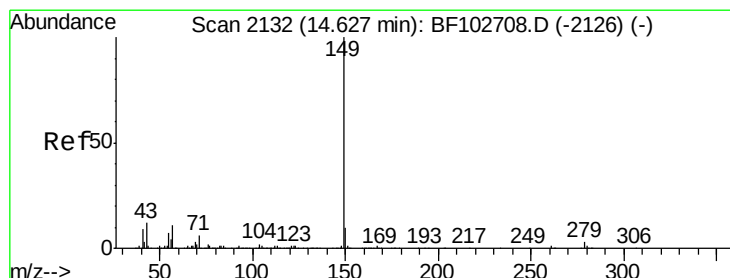
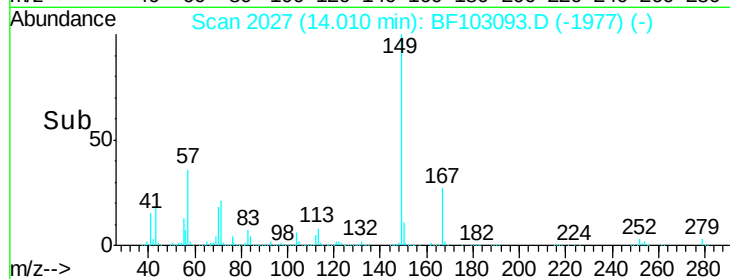
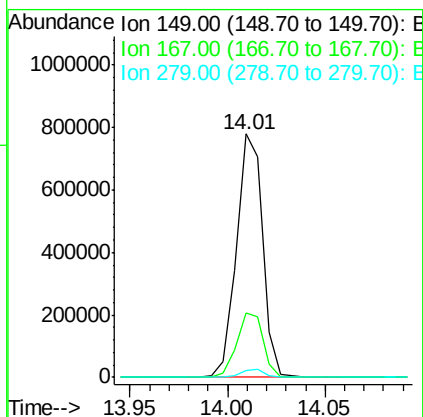
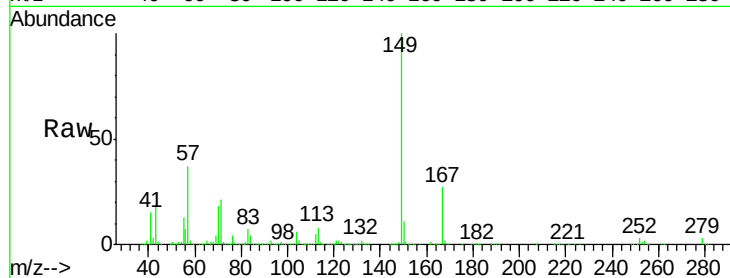




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.22 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

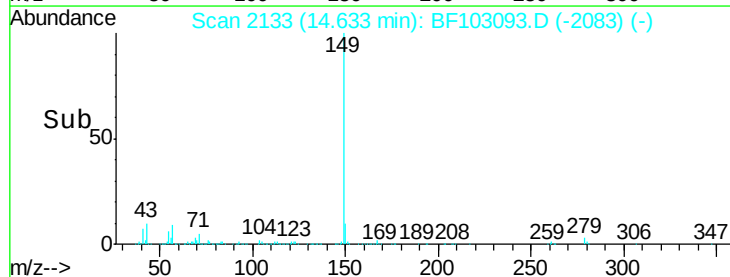
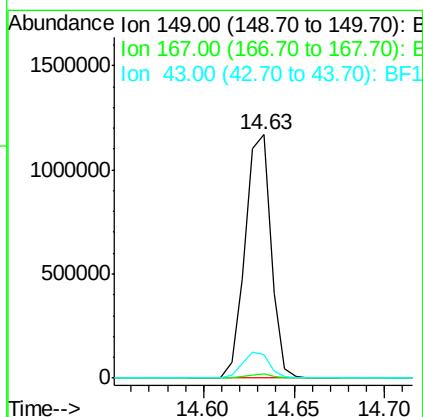
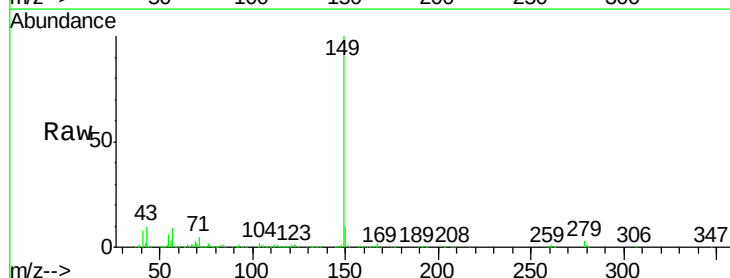
Instrument :
 BNA_F
 ClientSampleId :

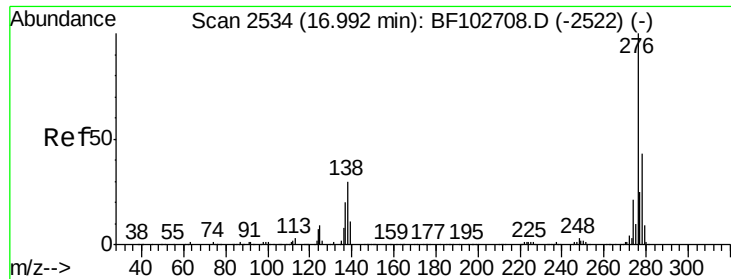
Tot Ion:149 Resp: 723257
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 2.9 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 52.79 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Tgt Ion:149 Resp: 1164788
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.9 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.21 ng

RT: 17.05 min Scan# 2544

Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampleId :

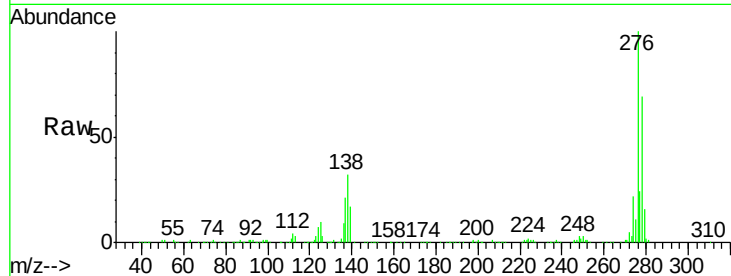
Tot Ion:276 Resp: 759345

Ion Ratio Lower Upper

276 100

138 32.6 25.0 37.6

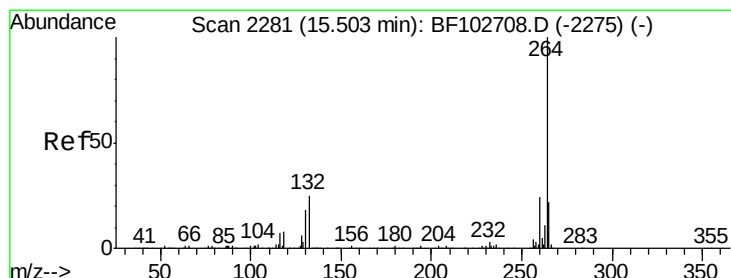
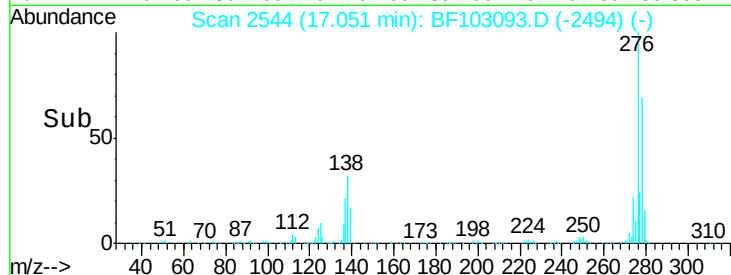
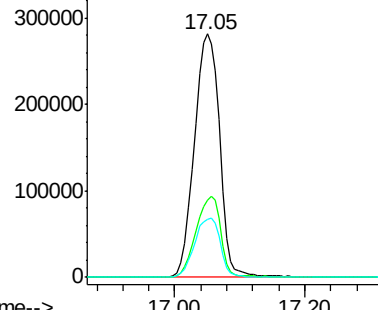
277 24.9 20.1 30.1



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# 2287

Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

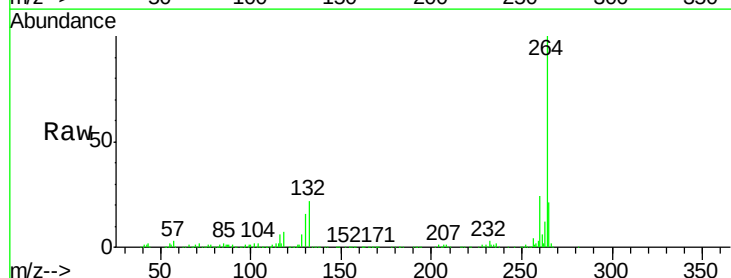
Tgt Ion:264 Resp: 329636

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

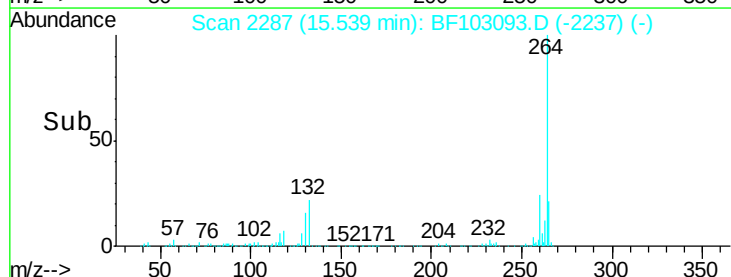
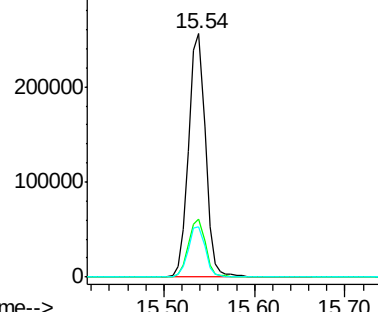
265 20.7 17.5 26.3

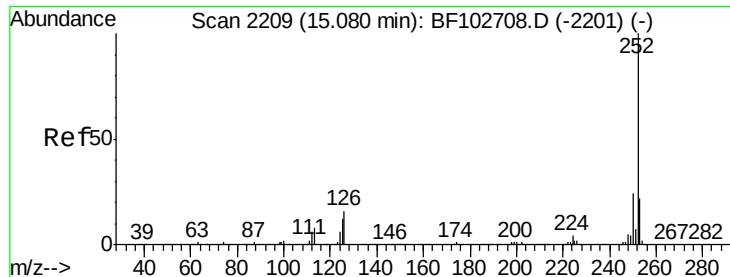


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

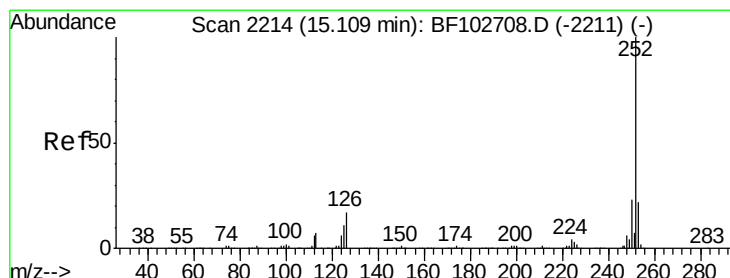
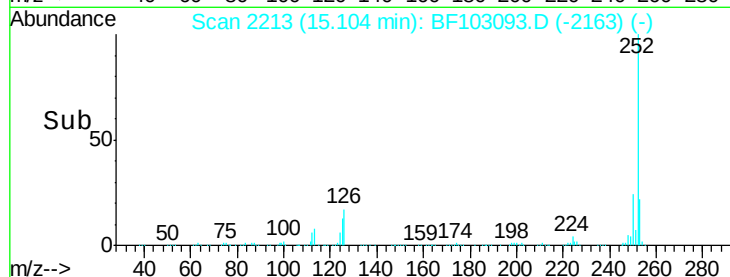
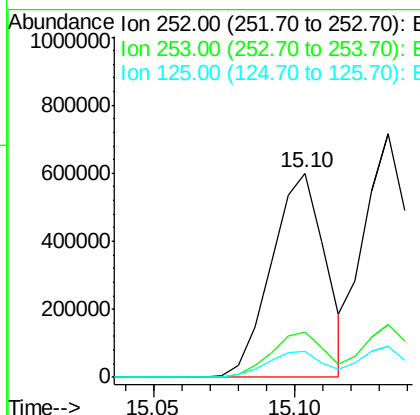
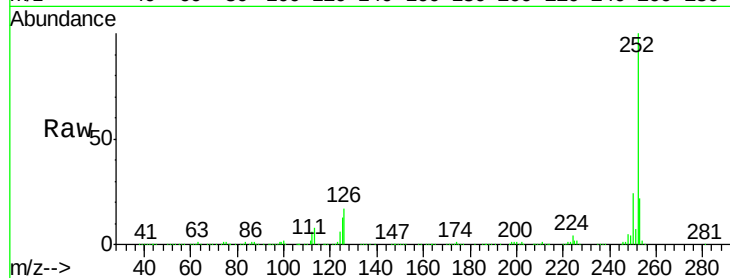




#87
Benzo(b)fluoranthene
Concen: 37.20 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

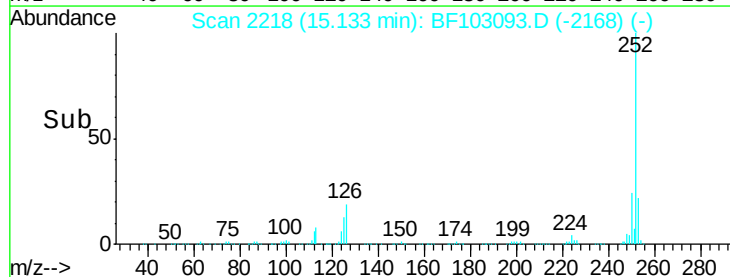
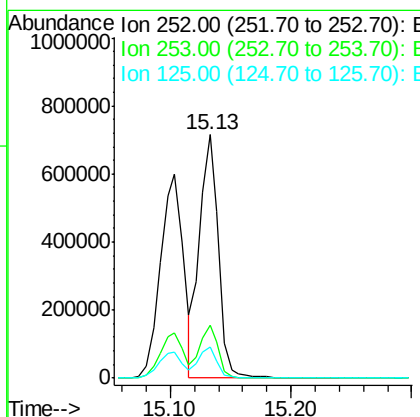
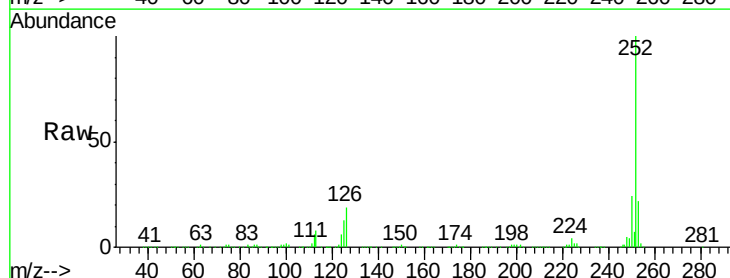
Instrument :
BNA_F
ClientSampled :

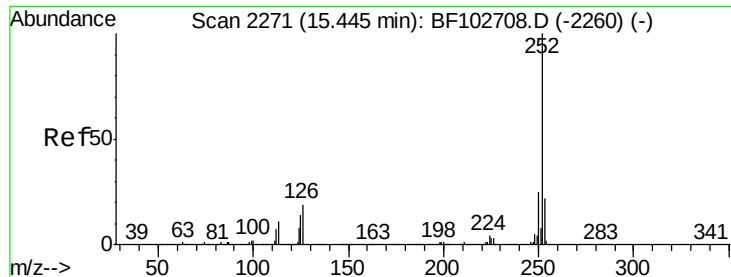
Tot Ion:252 Resp: 794968
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 13.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.97 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion:252 Resp: 775337
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 12.9 10.2 15.2

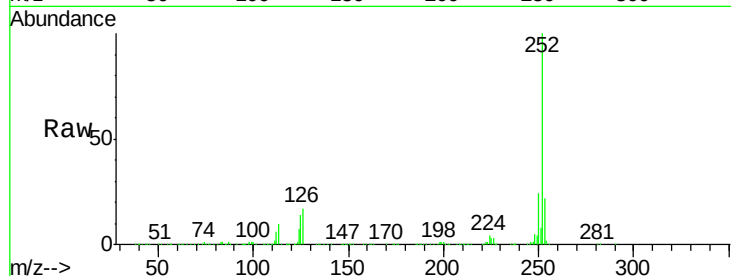




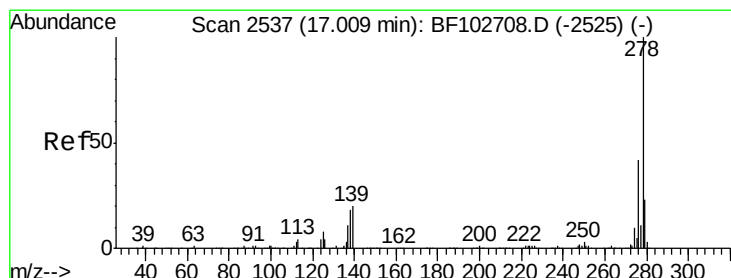
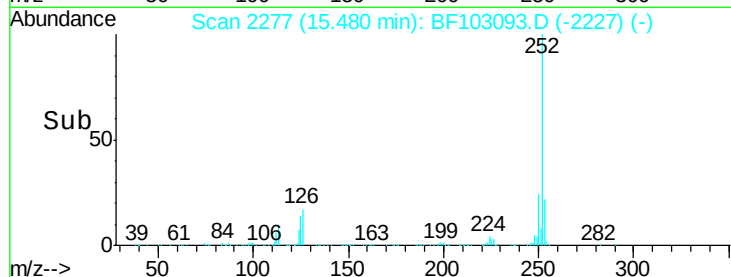
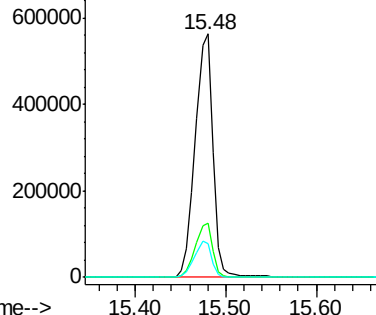
#89
Benzo(a)pyrene
Concen: 39.81 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	13.7	9.8	14.6

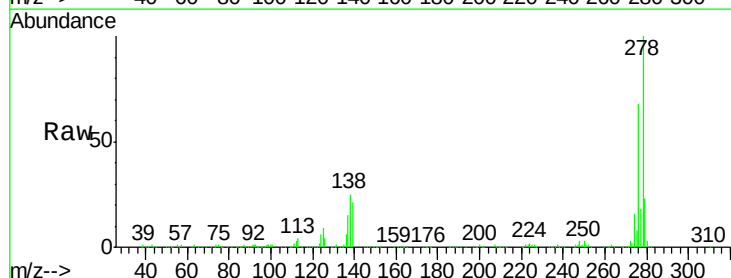


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

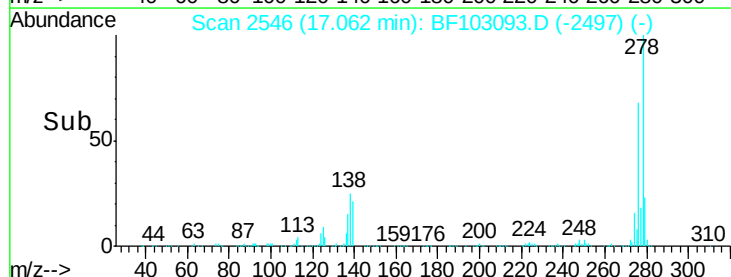
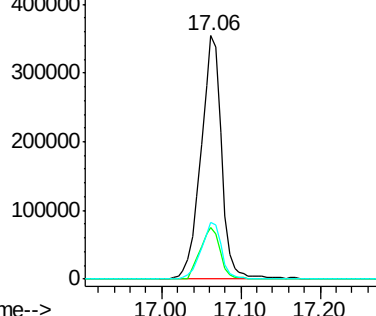


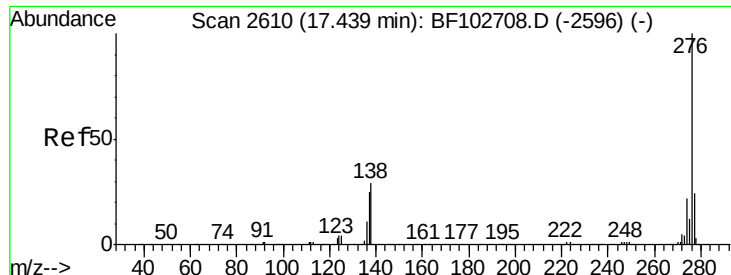
#90
Dibenzo(a,h)anthracene
Concen: 40.87 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.3	15.9	23.9
279	23.1	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: 39.86 ng

RT: 17.51 min Scan# 2622

Delta R.T. -0.01 min

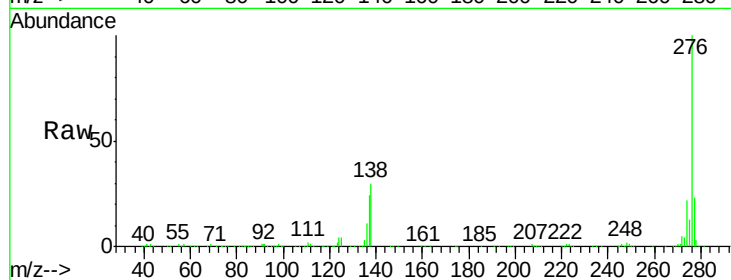
Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampleId :



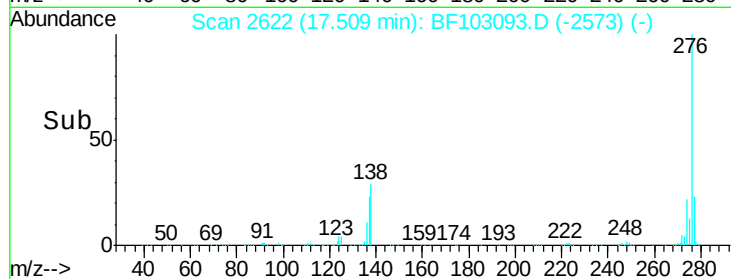
Tot Ion: 276 Resp: 609159

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 29.5 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

