

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102070.D
 Acq On : 15 Jan 2018 18:40
 Operator : SJ/JU
 Sample : J1019-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 15 23:43:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	219617	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	853477	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	339719	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	469663	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	383617	20.00	ng	-0.01
86) Perylene-d12	15.29	264	391728	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	1287191	82.76	ng	0.00
7) Phenol-d6	6.36	99	1540703	83.03	ng	0.00
23) Nitrobenzene-d5	7.29	82	943788	64.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	236650	79.82	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1353151	62.23	ng	-0.01
78) Terphenyl-d14	12.83	244	845684	45.77	ng	0.00

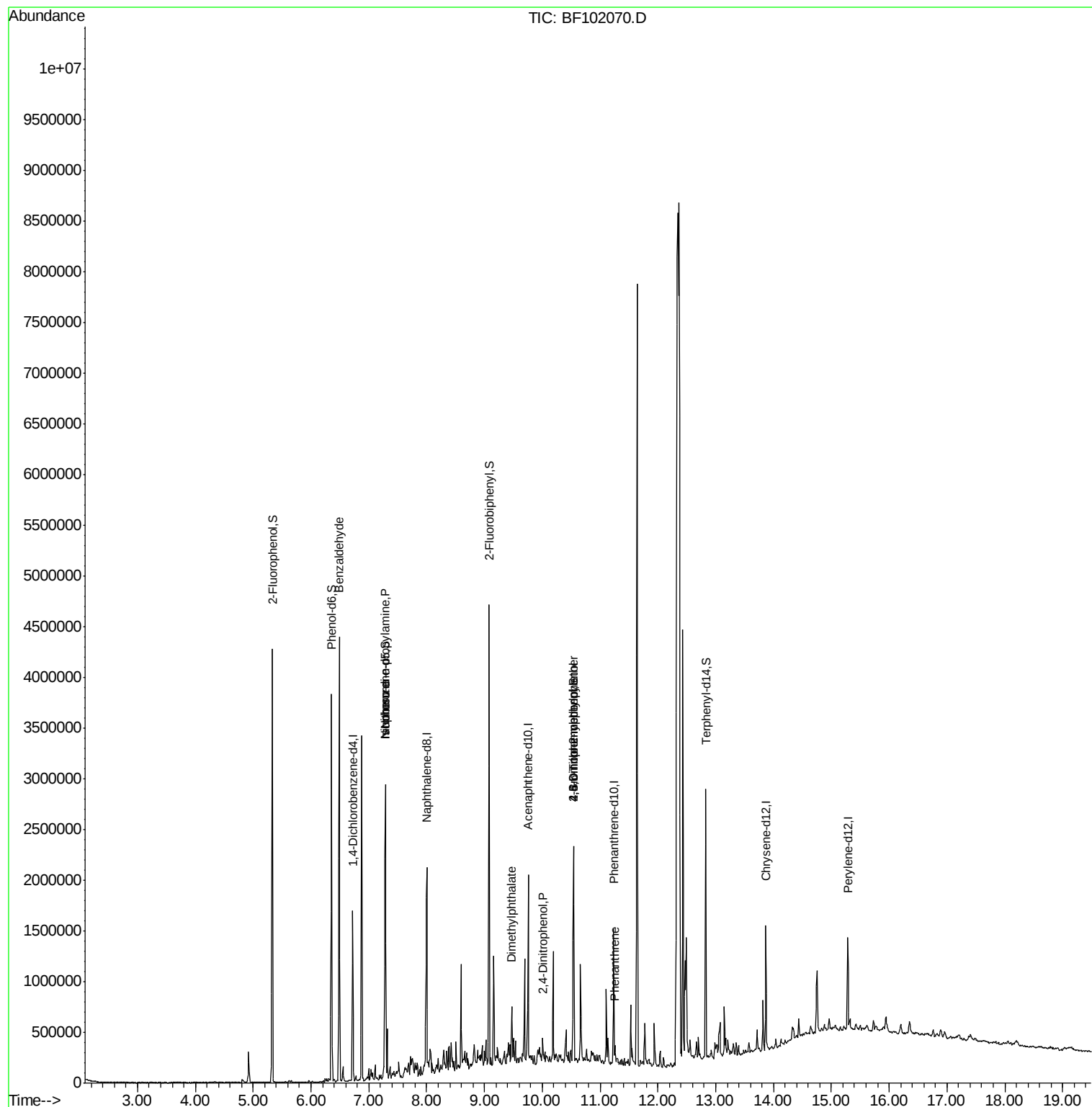
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.49	77	27012	2.097	ng	86
19) n-Nitroso-di-n-propylamine	7.29	70	127553	10.489	ng	# 83
25) Isophorone	7.29	82	936289	32.626	ng	# 64
49) Dimethylphthalate	9.47	163	113276	4.157	ng	99
53) 2,4-Dinitrophenol	10.01	184	126	8.712	ng	# 66
64) 4,6-Dinitro-2-methylphenol	10.54	198	537	5.848	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	16760	3.379	ng	# 1
70) Phenanthrene	11.26	178	55432	2.021	ng	97

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

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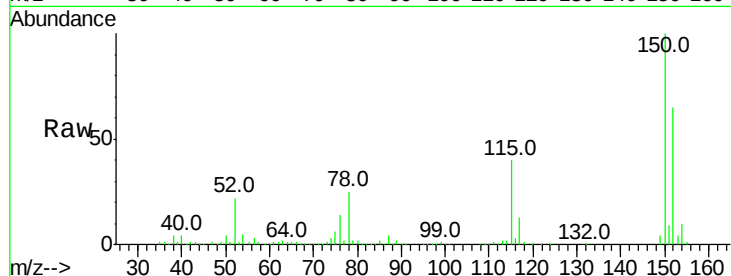


#1

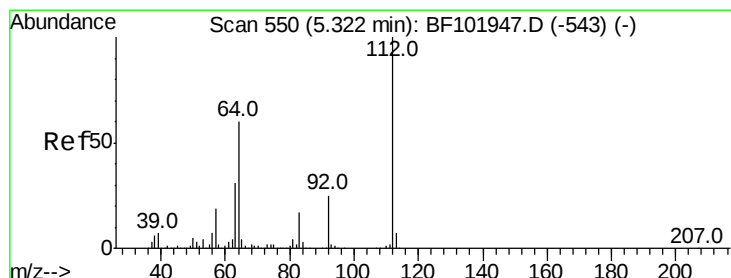
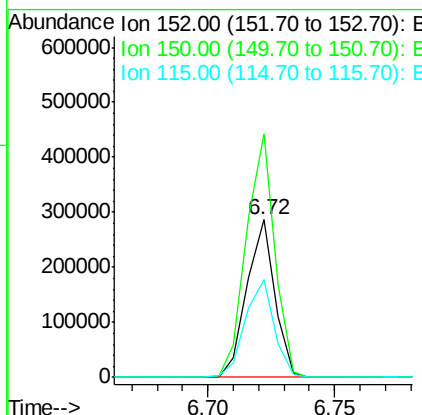
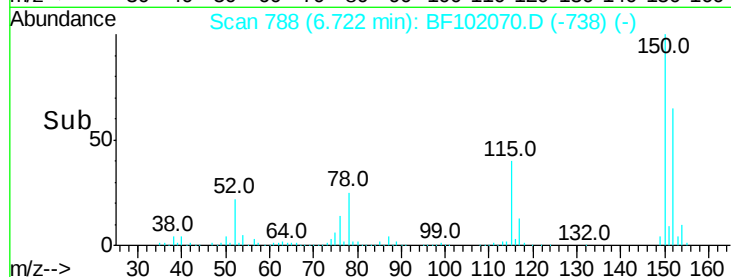
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102070.D
Acq: 15 Jan 2018 18:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 219617
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 61.7 50.1 75.1



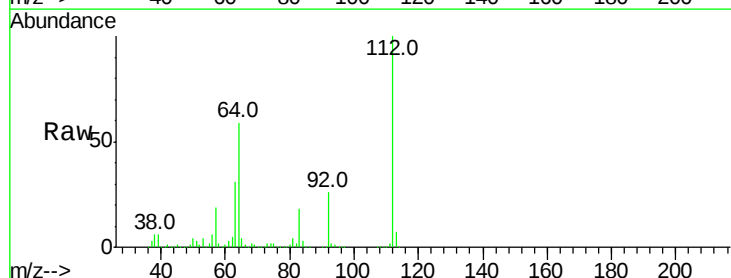
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



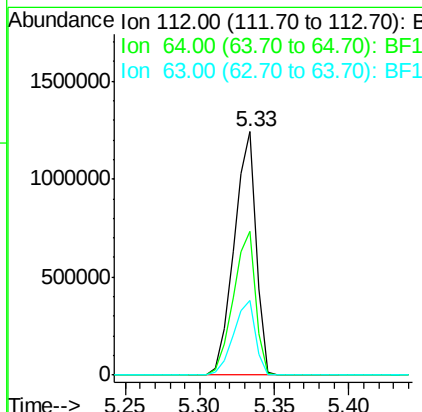
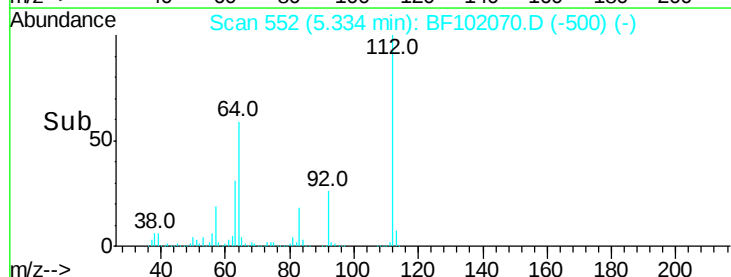
#5

2-Fluorophenol
Concen: 82.763 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102070.D
Acq: 15 Jan 2018 18:40

Tgt Ion:112 Resp: 1287191
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 30.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 83.030 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102070.D

Acq: 15 Jan 2018 18:40

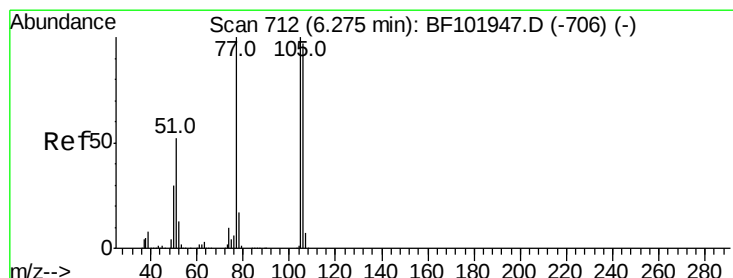
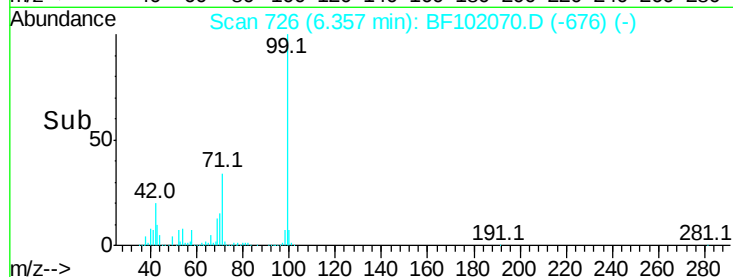
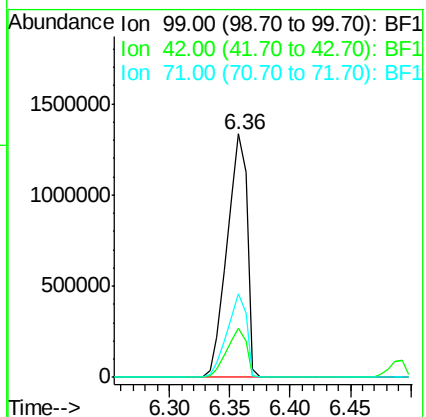
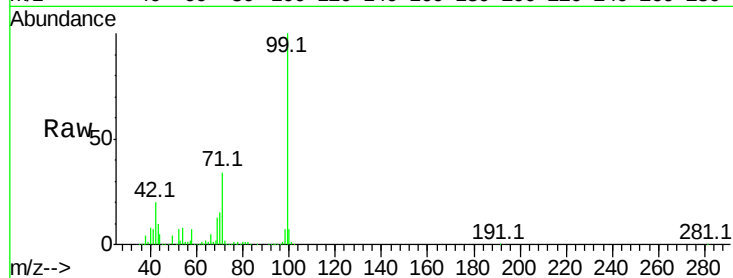
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1540703

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	34.2	25.4	38.0



#9

Benzaldehyde

Concen: 2.097 ng

RT: 6.49 min Scan# 749

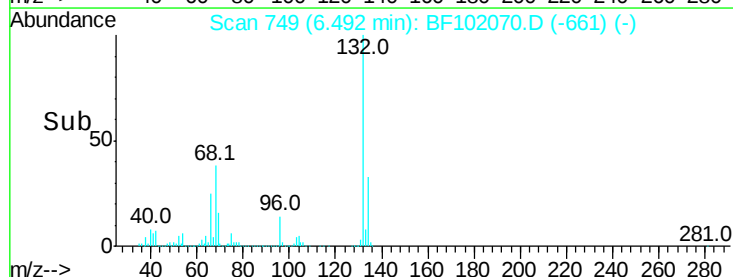
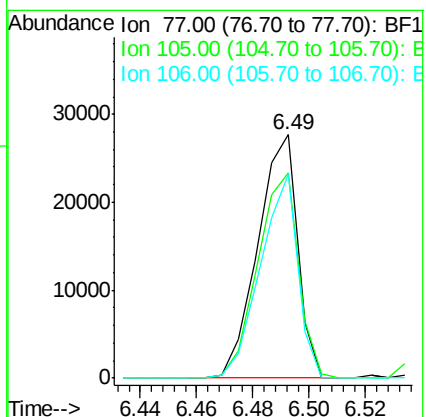
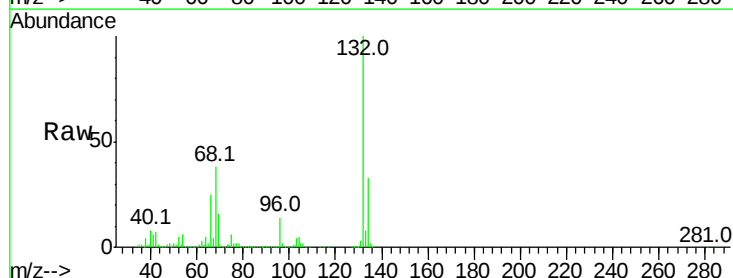
Delta R.T. 0.22 min

Lab File: BF102070.D

Acq: 15 Jan 2018 18:40

Tgt Ion: 77 Resp: 27012

Ion	Ratio	Lower	Upper
77	100		
105	84.5	81.1	121.1
106	83.7	74.5	114.5

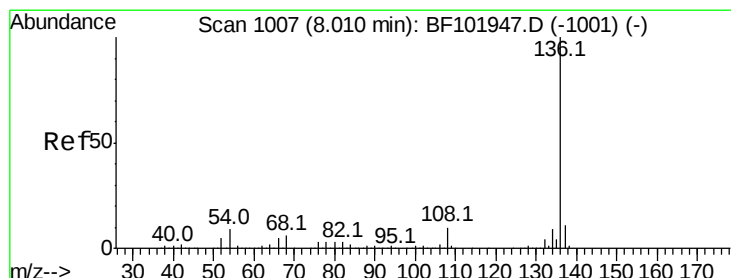
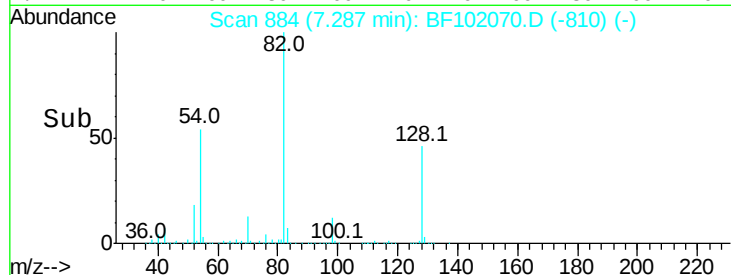
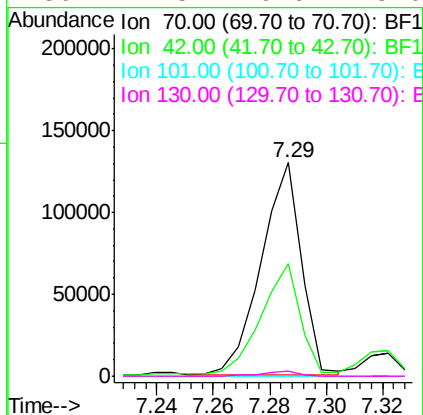
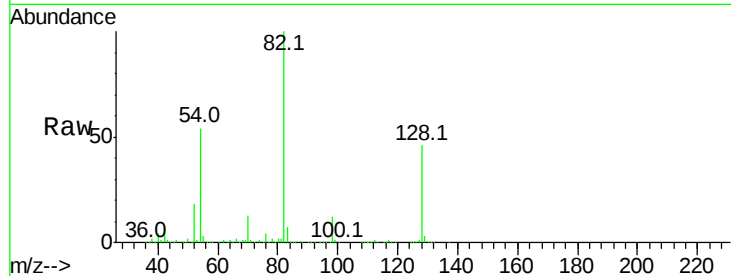




#19
n-Nitroso-di-n-propylamine
Concen: 10.489 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102070.D
Acq: 15 Jan 2018 18:40

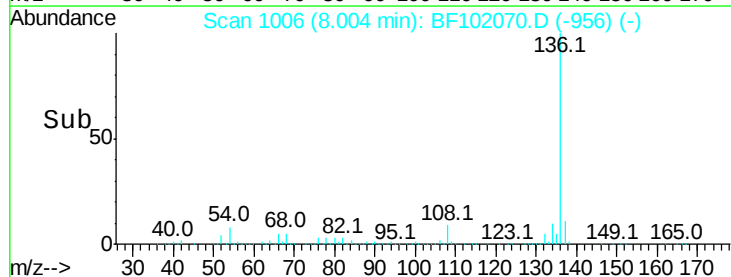
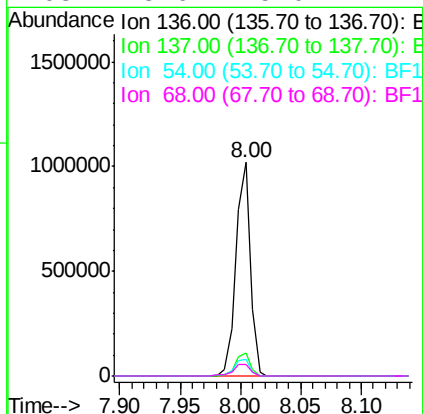
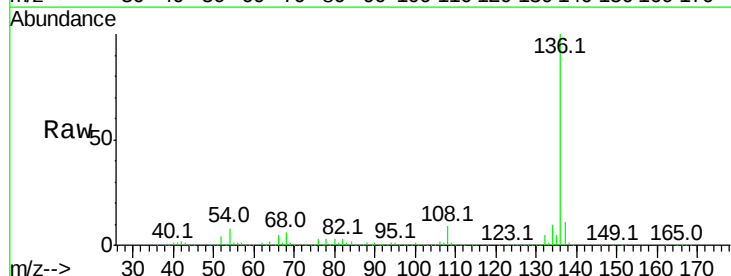
Instrument :
BNA_F
ClientSampleId :

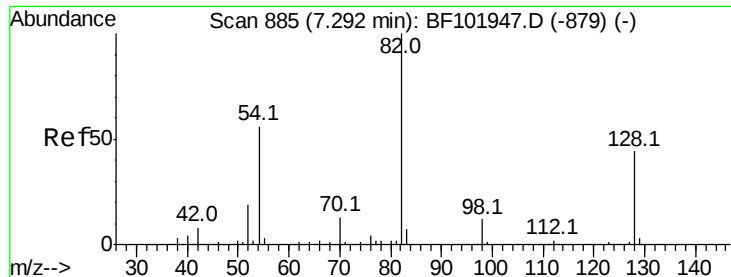
Tot Ion: 70 Resp: 127553
Ion Ratio Lower Upper
70 100
42 53.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102070.D
Acq: 15 Jan 2018 18:40

Tgt Ion: 136 Resp: 853477
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.1 6.6 9.8
68 5.6 5.0 7.4

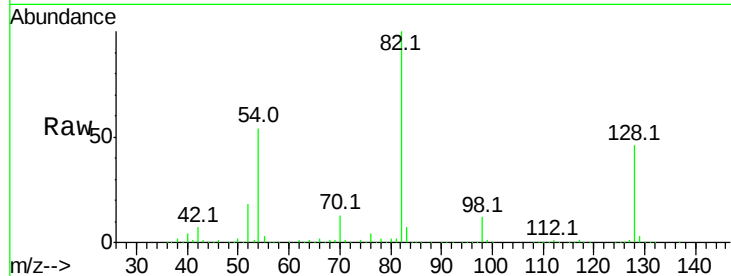




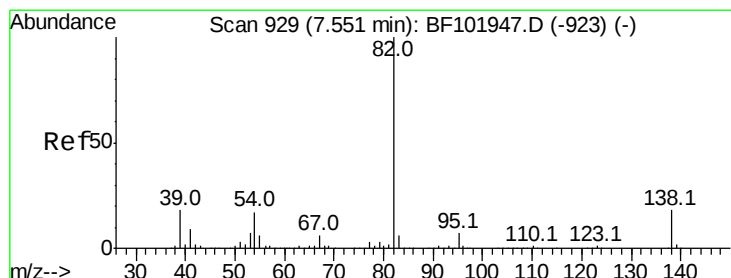
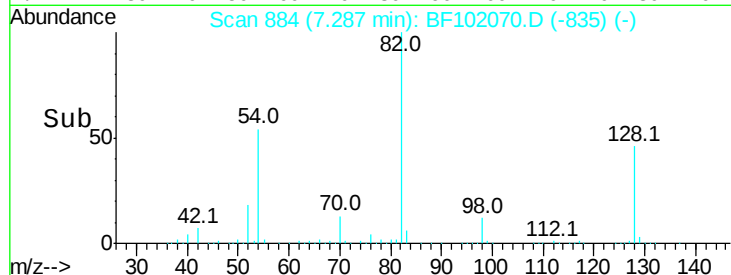
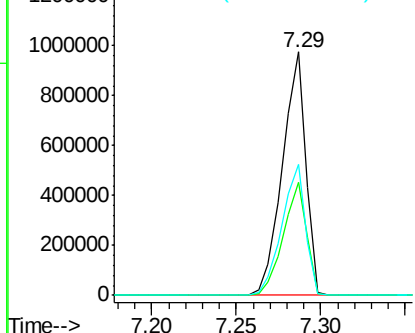
#23
Nitrobenzene-d5
Concen: 64.982 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102070.D
Acq: 15 Jan 2018 18:40

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 943788
Ion Ratio Lower Upper
82 100
128 46.5 36.1 54.1
54 53.8 41.4 62.2

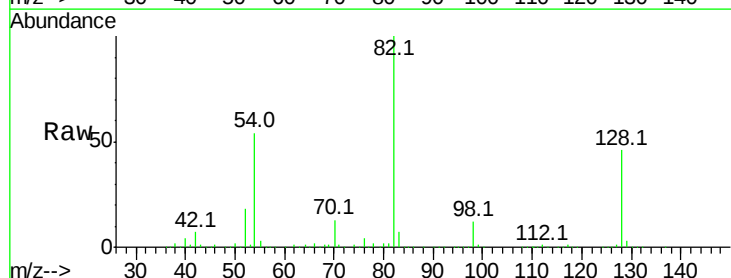


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

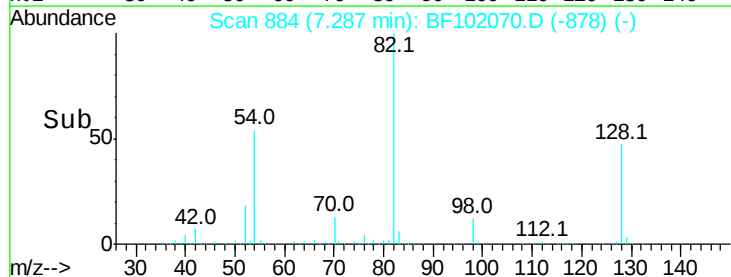
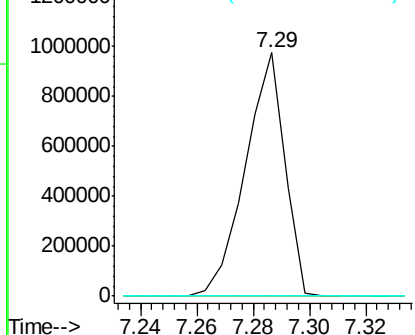


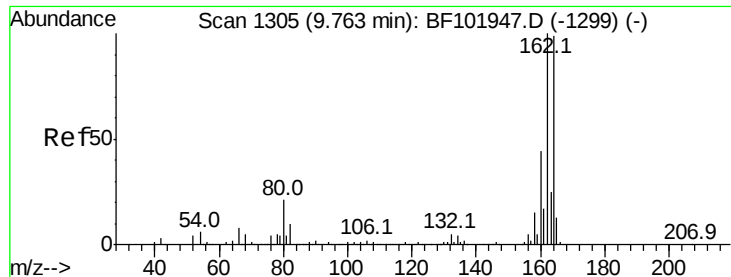
#25
Isophorone
Concen: 32.626 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102070.D
Acq: 15 Jan 2018 18:40

Tgt Ion: 82 Resp: 936289
Ion Ratio Lower Upper
82 100
95 0.1 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

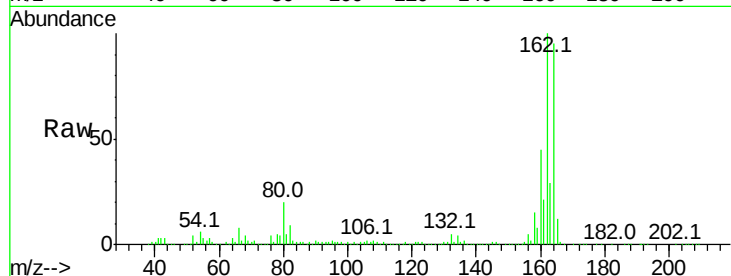




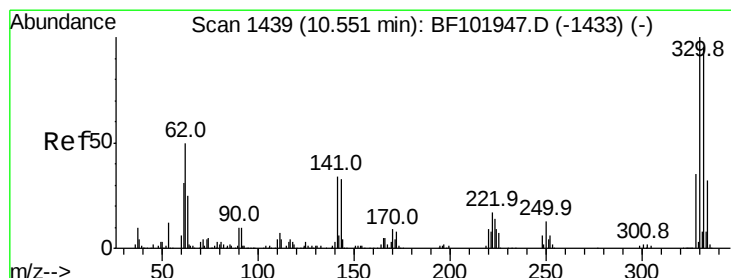
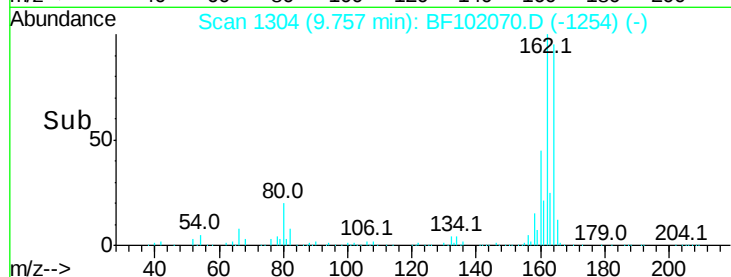
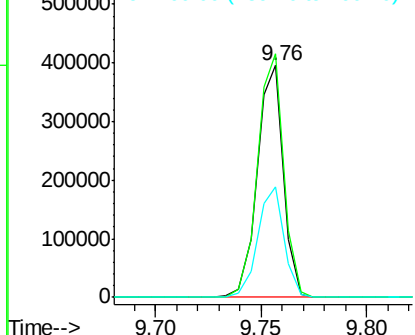
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF102070.D
 Acq: 15 Jan 2018 18:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 339719
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 47.6 38.3 57.5

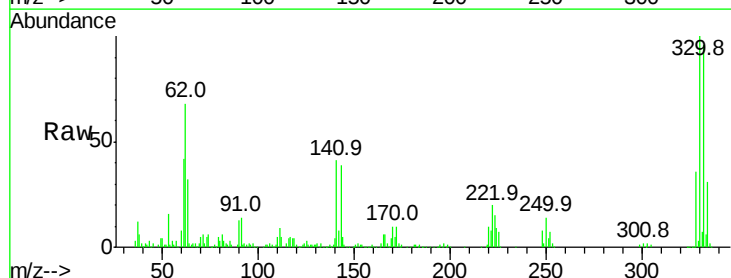


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

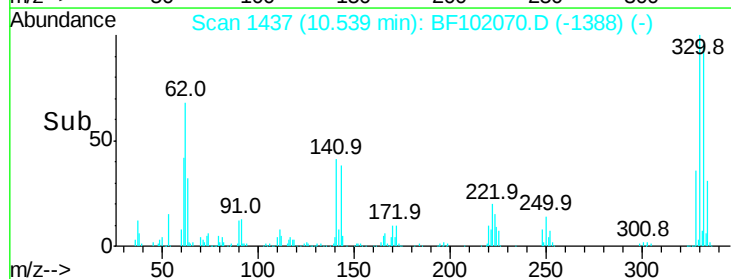
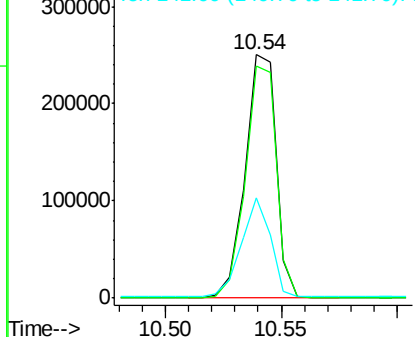


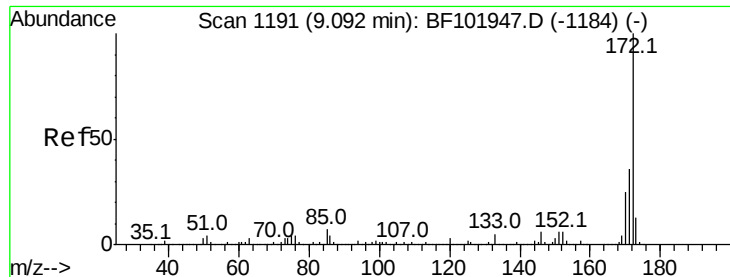
#41
 2,4,6-Tribromophenol
 Concen: 79.823 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102070.D
 Acq: 15 Jan 2018 18:40

Tgt Ion:330 Resp: 236650
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 37.8 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

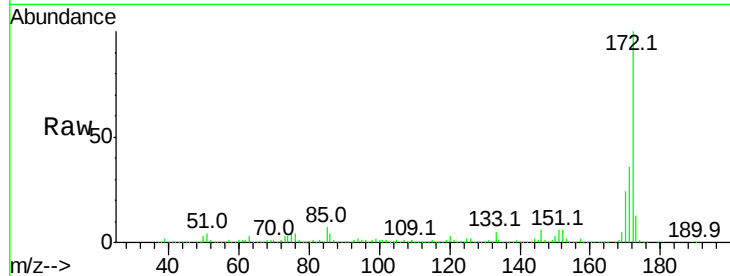




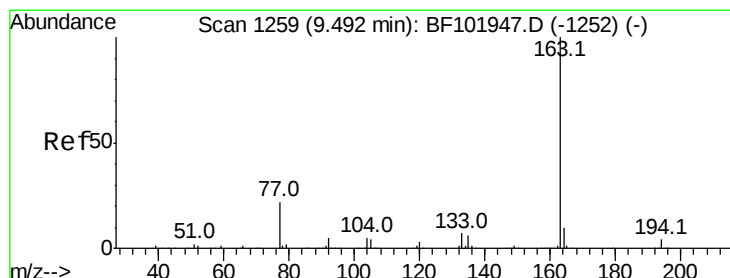
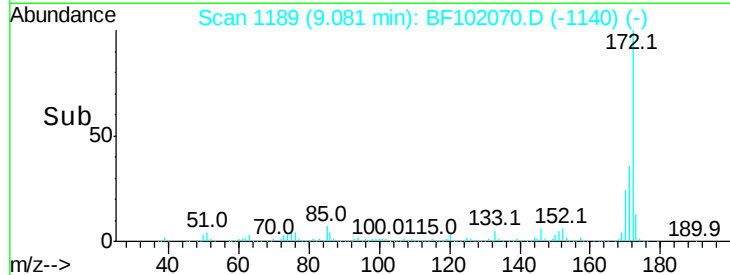
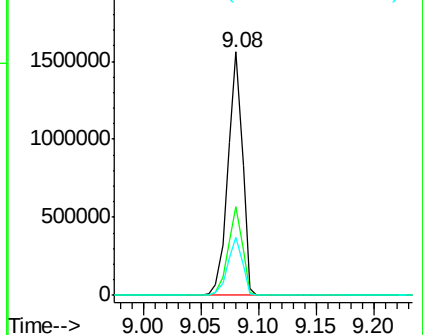
#44
2-Fluorobiphenyl
Concen: 62.228 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102070.D
Acq: 15 Jan 2018 18:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1353151
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 23.9 19.6 29.4

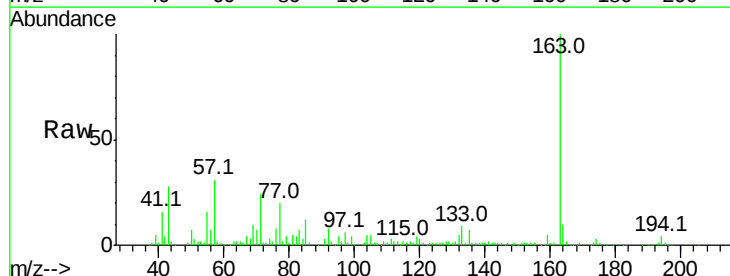


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

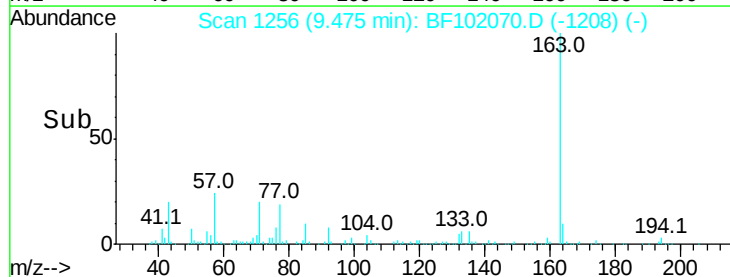
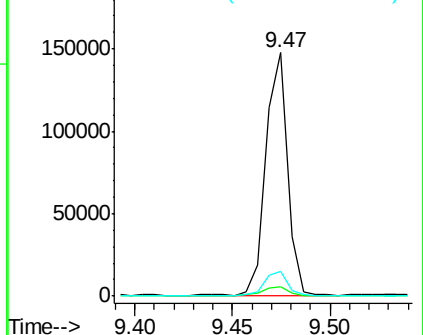


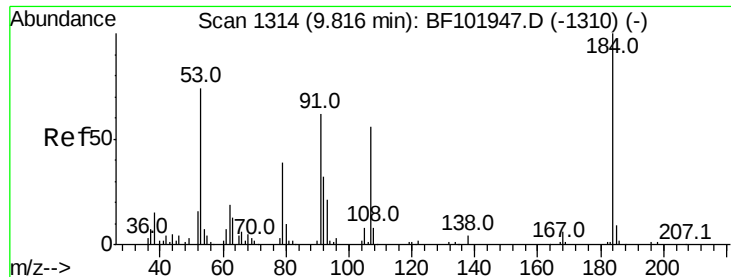
#49
Dimethylphthalate
Concen: 4.157 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102070.D
Acq: 15 Jan 2018 18:40

Tgt Ion:163 Resp: 113276
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.3 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

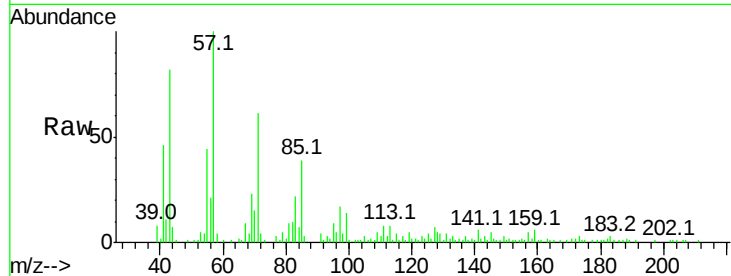




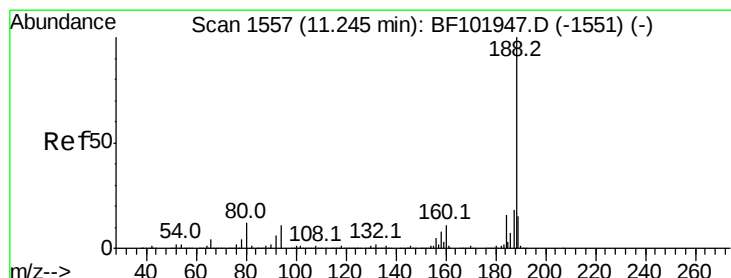
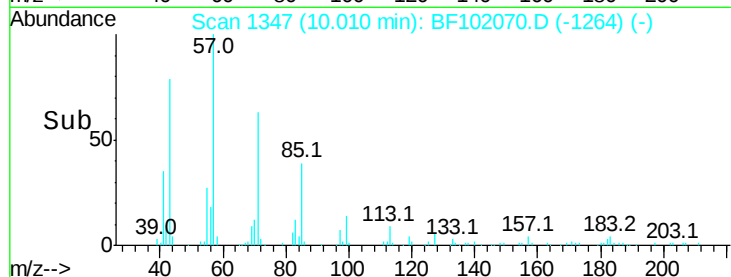
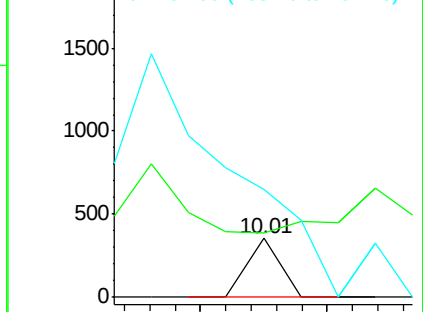
#53
2,4-Dinitrophenol
Concen: 8.712 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.19 min
Lab File: BF102070.D
Acq: 15 Jan 2018 18:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 126
Ion Ratio Lower Upper
184 100
63 108.4 54.2 81.2#
154 182.9 184.0 276.0#

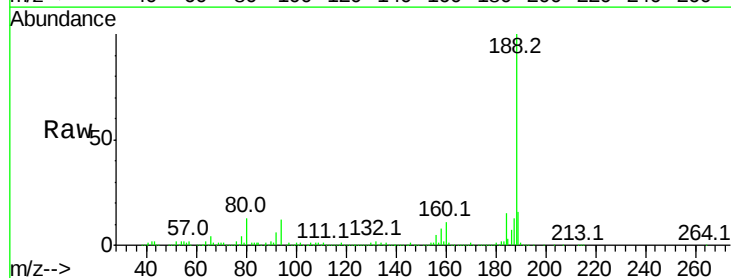


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

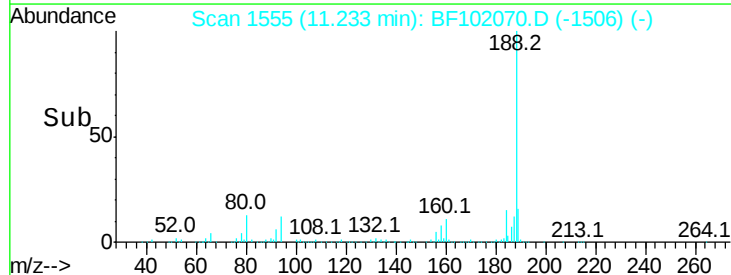
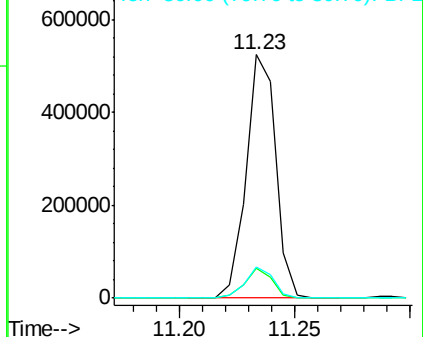


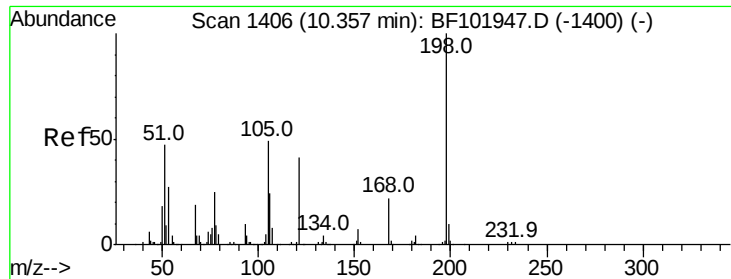
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102070.D
Acq: 15 Jan 2018 18:40

Tgt Ion:188 Resp: 469663
Ion Ratio Lower Upper
188 100
94 12.2 8.5 12.7
80 12.7 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

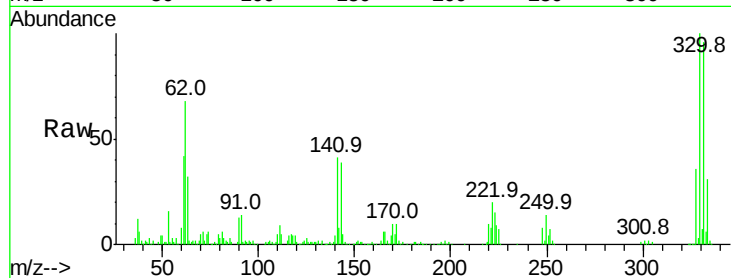




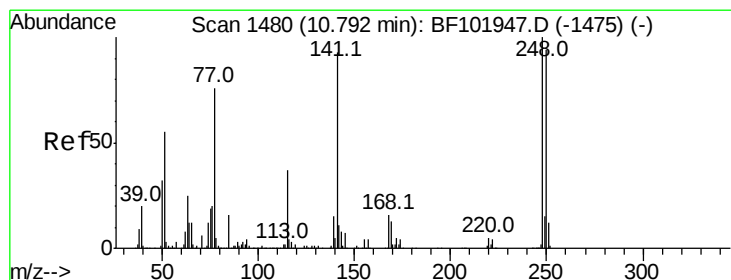
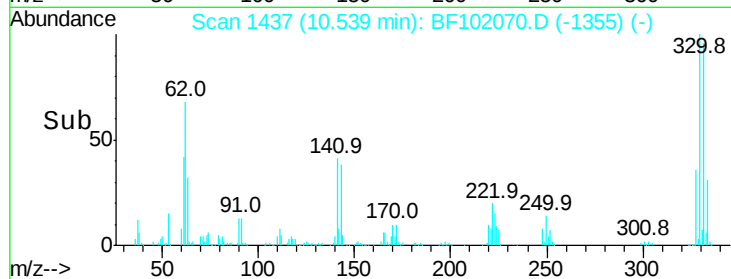
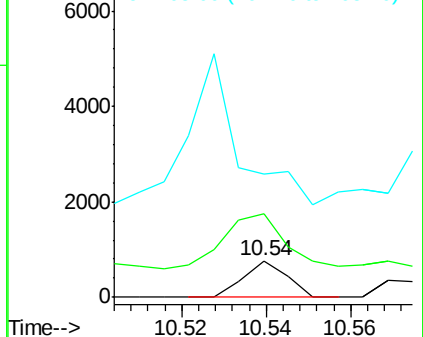
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.848 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF102070.D
 Acq: 15 Jan 2018 18:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 537
 Ion Ratio Lower Upper
 198 100
 51 232.3 37.7 77.7#
 105 342.0 36.3 76.3#

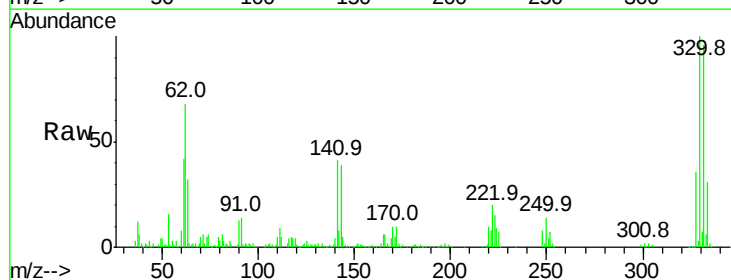


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

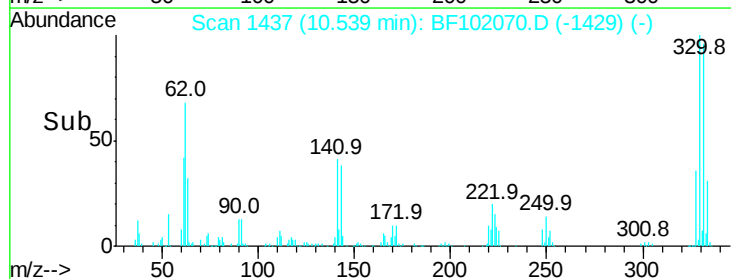
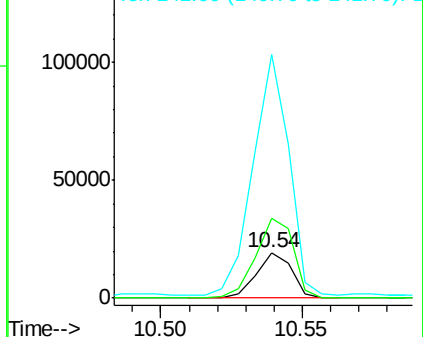


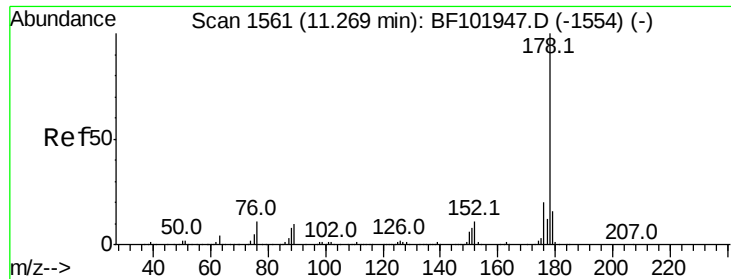
#66
 4-Bromophenyl-phenylether
 Concen: 3.379 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF102070.D
 Acq: 15 Jan 2018 18:40

Tgt Ion:248 Resp: 16760
 Ion Ratio Lower Upper
 248 100
 250 175.4 76.9 115.3#
 141 532.9 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 2.021 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF102070.D

Acq: 15 Jan 2018 18:40

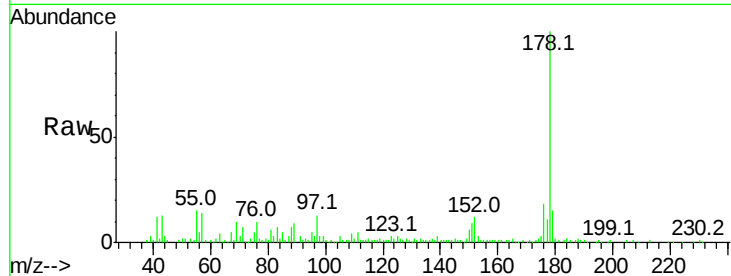
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 55432

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	15.1	13.0	19.6

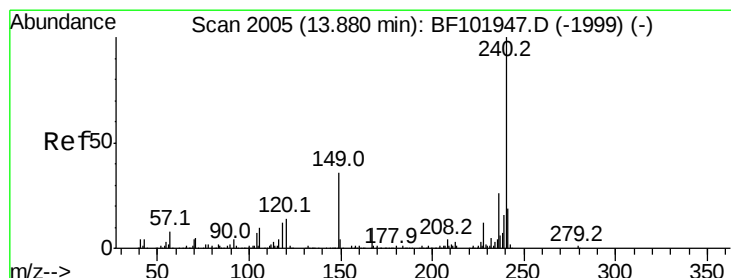
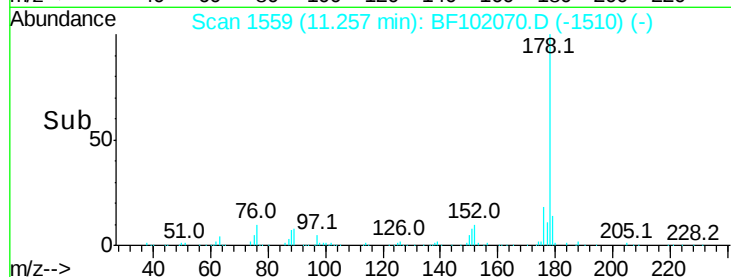
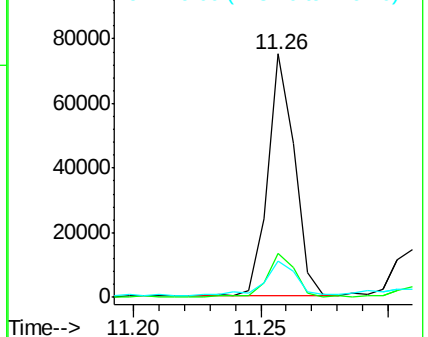


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

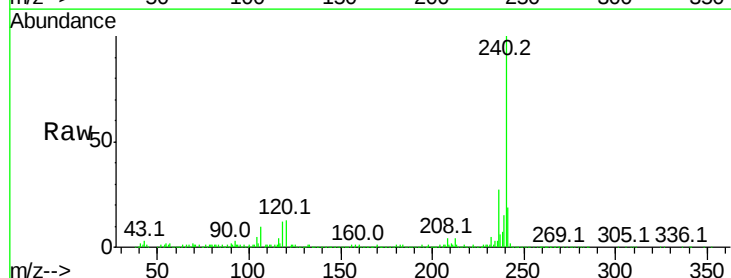
Delta R.T. -0.01 min

Lab File: BF102070.D

Acq: 15 Jan 2018 18:40

Tgt Ion:240 Resp: 383617

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	26.9	20.7	31.1

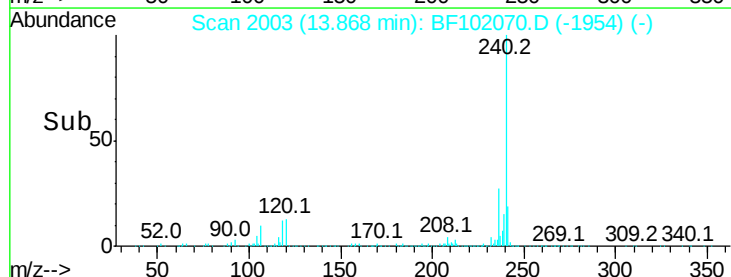
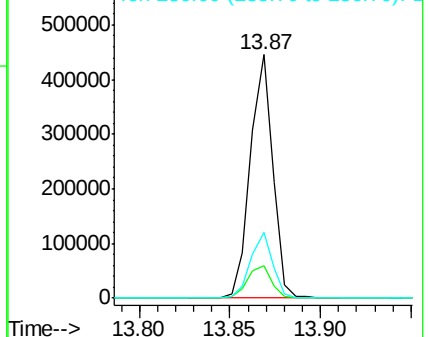


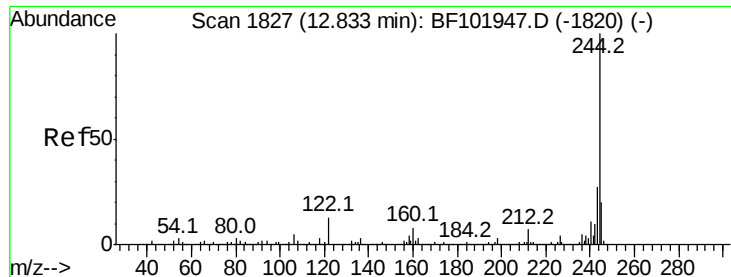
Abundance

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





#78

Terphenyl-d14

Concen: 45.771 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF102070.D

Acq: 15 Jan 2018 18:40

Instrument :

BNA_F

ClientSampleId :

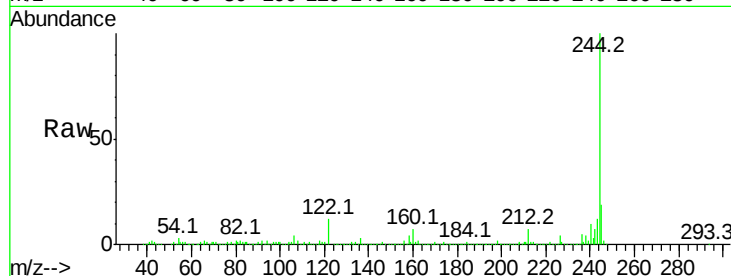
Tot Ion:244 Resp: 845684

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

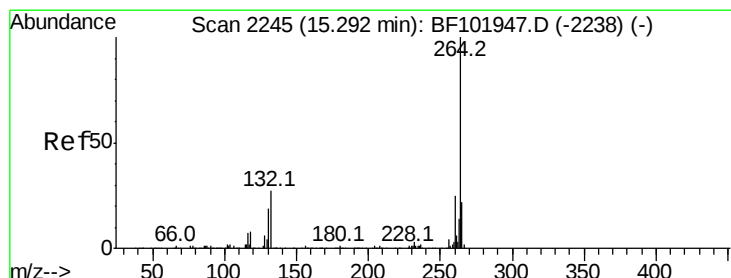
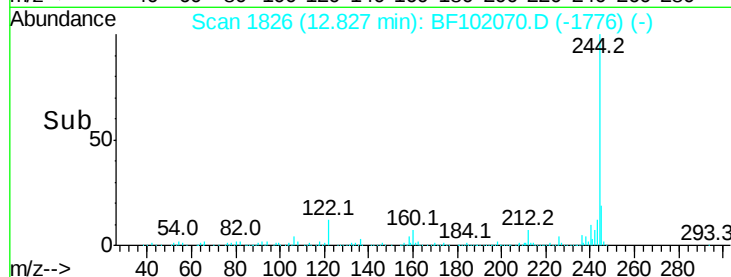
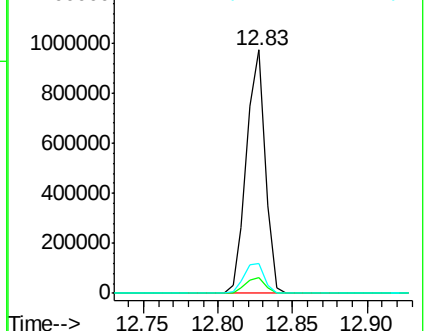
122 12.4 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BF102070.D

Acq: 15 Jan 2018 18:40

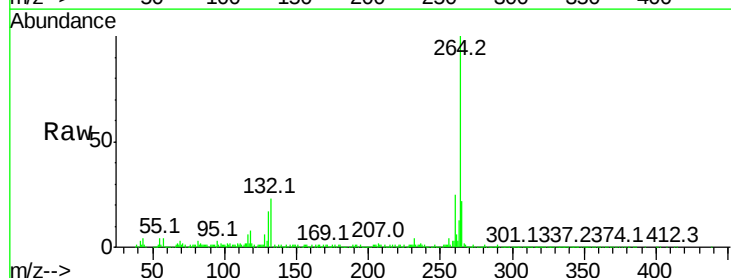
Tgt Ion:264 Resp: 391728

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 22.3 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

