

Data Path : U:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102277.D
 Acq On : 20 Jan 2018 20:22
 Operator : SJ/JU
 Sample : J1231-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 01:25:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	138218	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	553469	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	222116	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	326705	20.00	ng	0.00
75) Chrysene-d12	13.87	240	260426	20.00	ng	0.00
86) Perylene-d12	15.30	264	204028	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	833594	85.16	ng	0.00
7) Phenol-d6	6.36	99	1003280	85.91	ng	0.00
23) Nitrobenzene-d5	7.29	82	601823	63.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	171961	88.71	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1016371	71.49	ng	0.00
78) Terphenyl-d14	12.82	244	672123	53.59	ng	0.00

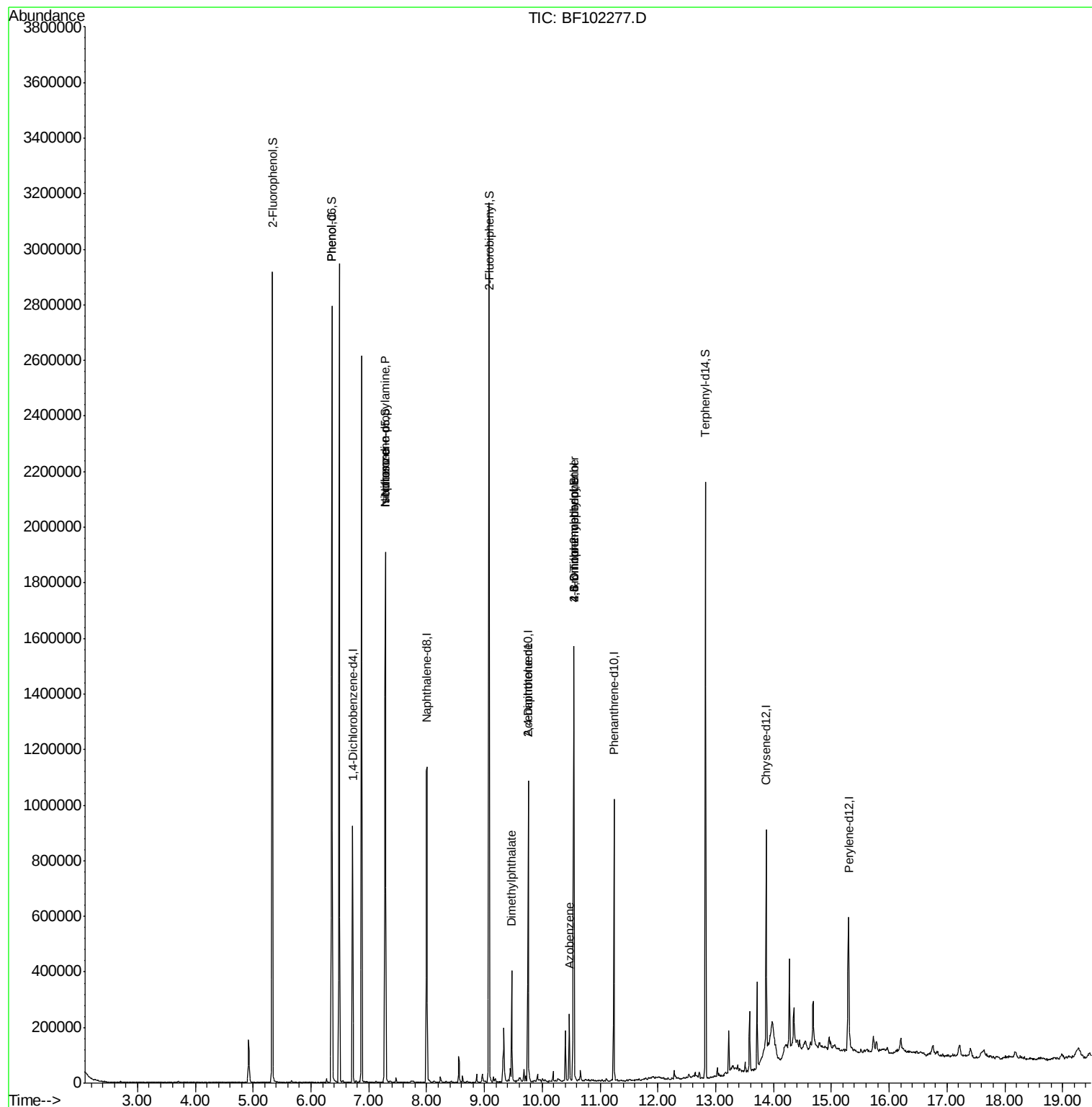
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	54477	4.128	ng	78
19) n-Nitroso-di-n-propylamine	7.29	70	79606	10.402	ng	# 79
25) Isophorone	7.29	82	601818	32.338	ng	# 64
49) Dimethylphthalate	9.47	163	150344	8.438	ng	99
56) 2,4-Dinitrotoluene	9.75	165	29285	6.565	ng	# 24
62) Azobenzene	10.47	77	38454	2.181	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.54	198	349	5.836	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	11204	3.247	ng	# 1

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

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QLast Update : Fri Jan 19 13:31:35 2018
Response via : Initial Calibration



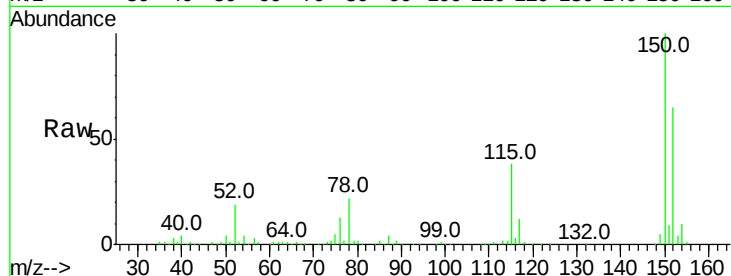


#1

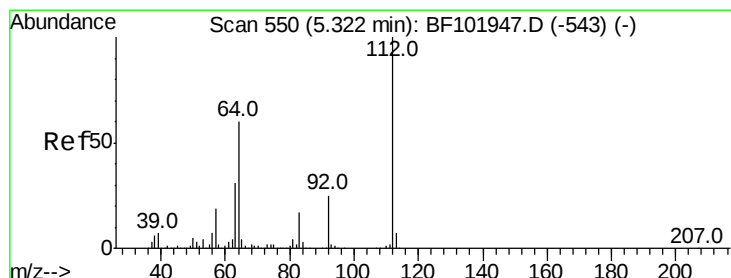
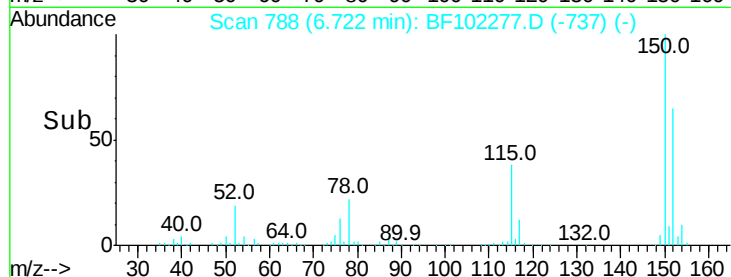
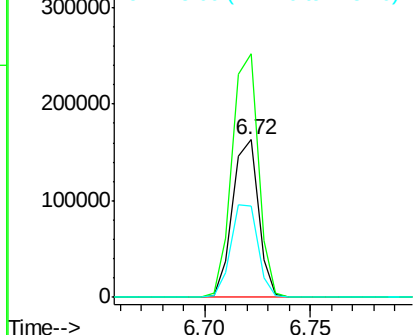
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102277.D
Acq: 20 Jan 2018 20:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138218
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 58.3 50.1 75.1



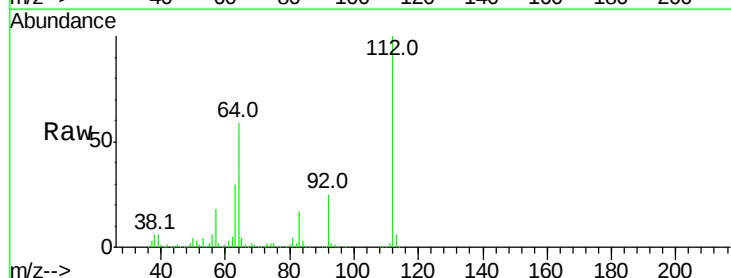
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



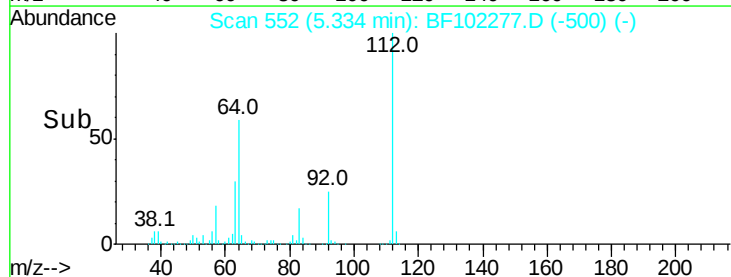
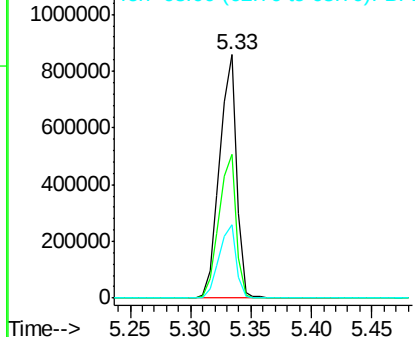
#5

2-Fluorophenol
Concen: 85.163 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102277.D
Acq: 20 Jan 2018 20:22

Tgt Ion:112 Resp: 833594
Ion Ratio Lower Upper
112 100
64 58.8 47.9 71.9
63 30.1 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: 85.909 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102277.D

Acq: 20 Jan 2018 20:22

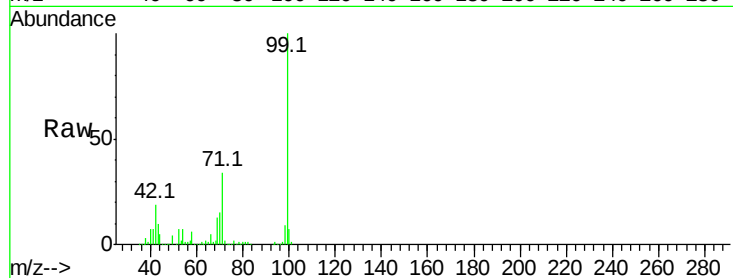
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1003280

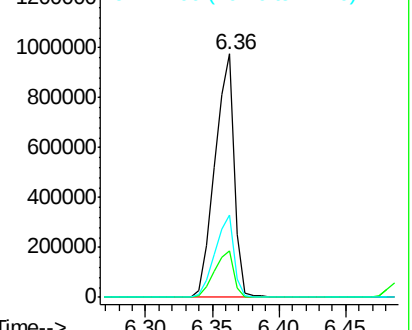
Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	33.8	25.4	38.0



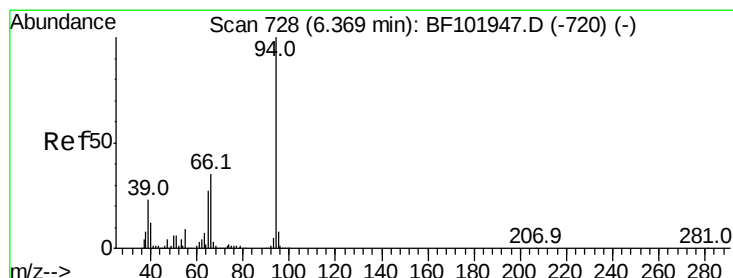
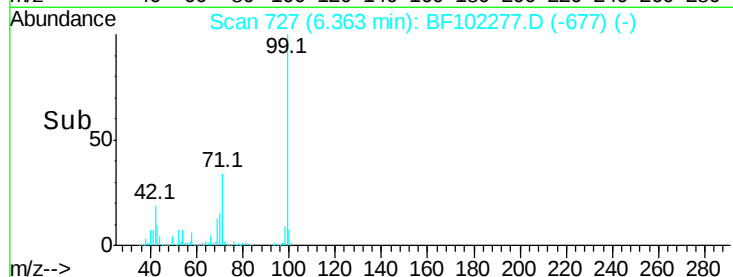
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#10

Phenol

Concen: 4.128 ng

RT: 6.37 min Scan# 728

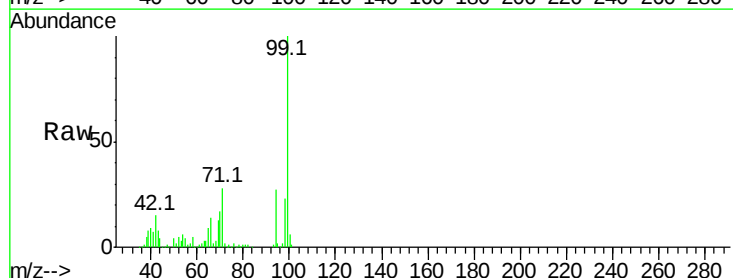
Delta R.T. -0.01 min

Lab File: BF102277.D

Acq: 20 Jan 2018 20:22

Tgt Ion: 94 Resp: 54477

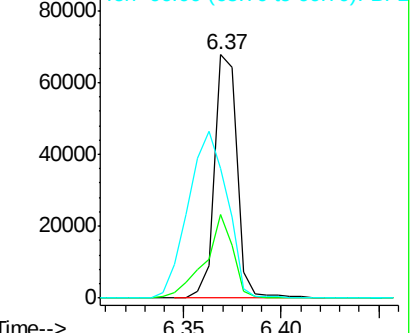
Ion	Ratio	Lower	Upper
94	100		
65	34.3	7.9	47.9
66	53.2	16.2	56.2



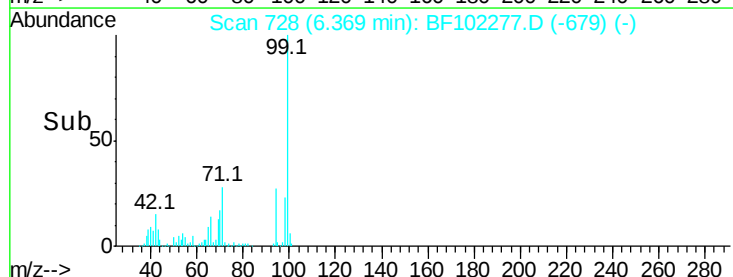
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



Time-->

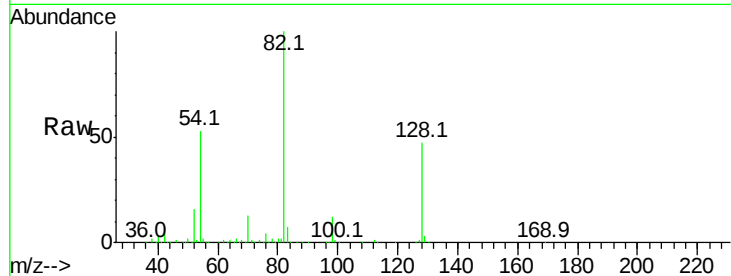




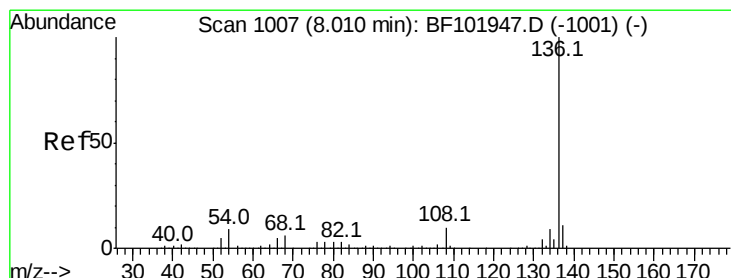
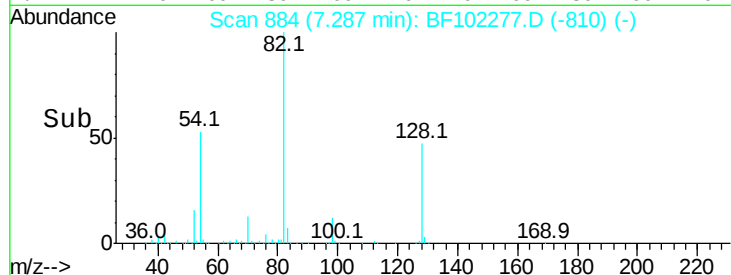
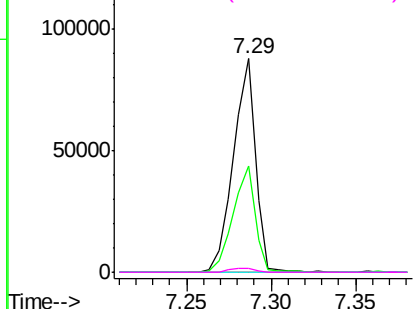
#19
n-Nitroso-di-n-propylamine
Concen: 10.402 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102277.D
Acq: 20 Jan 2018 20:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 79606
Ion Ratio Lower Upper
70 100
42 49.6 47.5 71.3
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



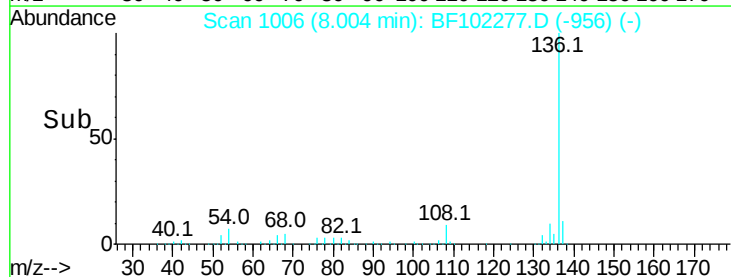
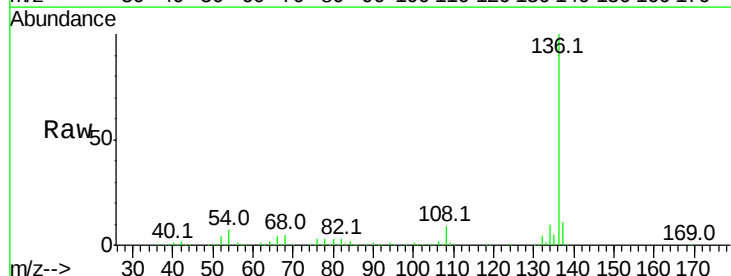
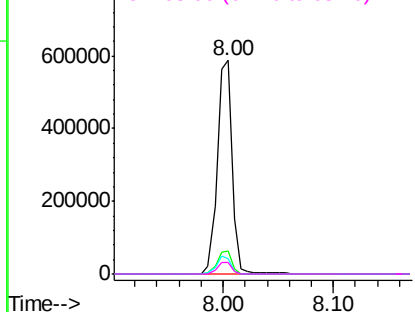
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

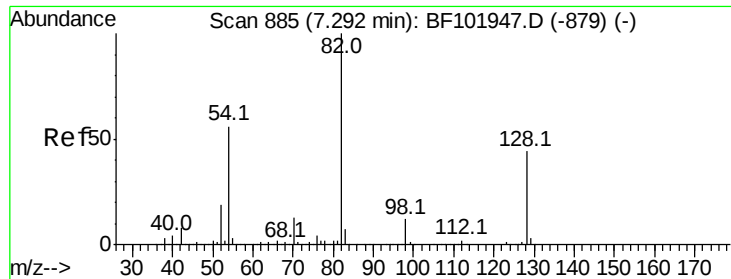


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102277.D
Acq: 20 Jan 2018 20:22

Tgt Ion: 136 Resp: 553469
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.2 6.6 9.8
68 5.1 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

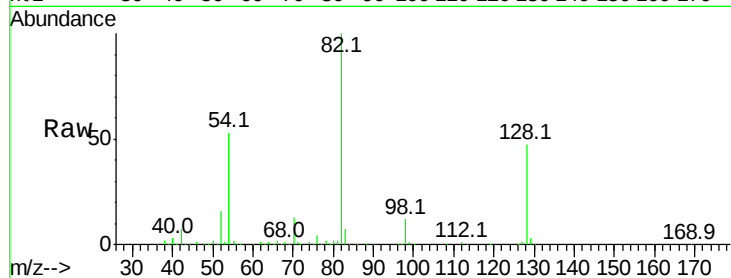




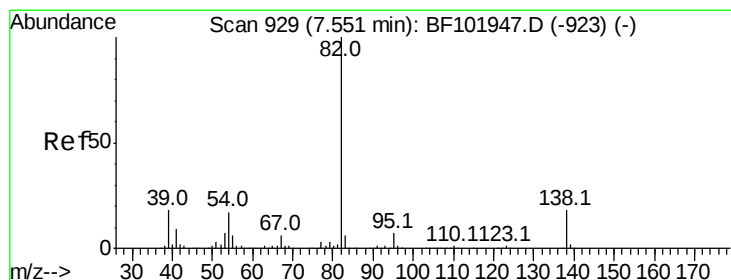
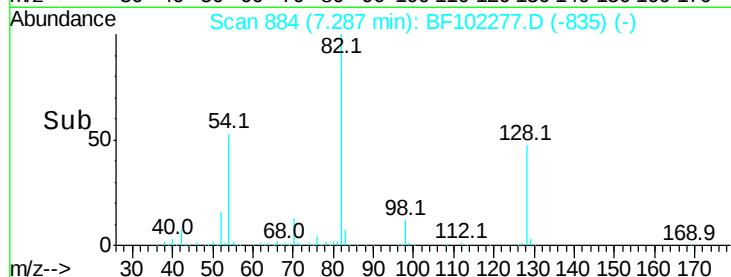
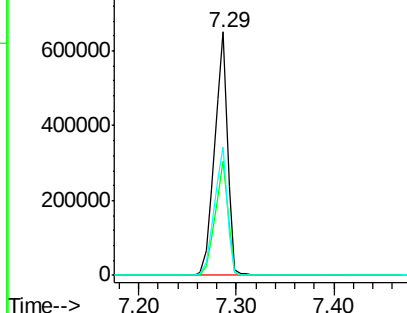
#23
Nitrobenzene-d5
Concen: 63.898 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102277.D
Acq: 20 Jan 2018 20:22

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 601823
Ion Ratio Lower Upper
82 100
128 46.9 36.1 54.1
54 53.0 41.4 62.2

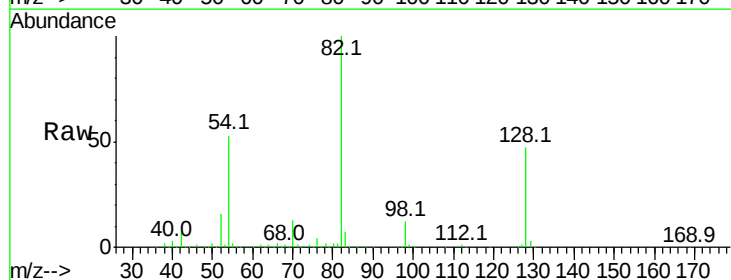


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

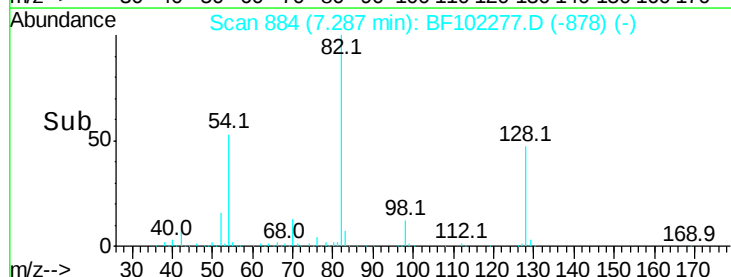
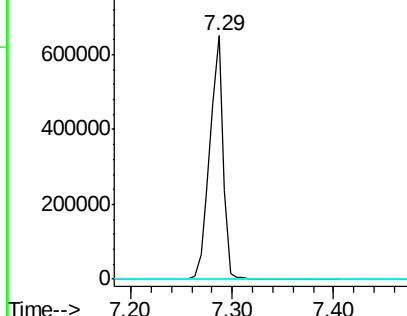


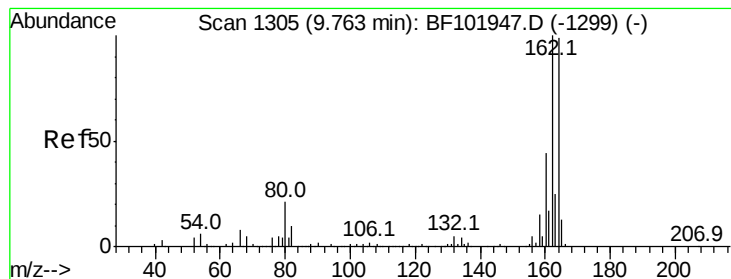
#25
Isophorone
Concen: 32.338 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102277.D
Acq: 20 Jan 2018 20:22

Tgt Ion: 82 Resp: 601818
Ion Ratio Lower Upper
82 100
95 0.0 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. 0.00 min

Lab File: BF102277.D

Acq: 20 Jan 2018 20:22

Instrument :

BNA_F

ClientSampleId :

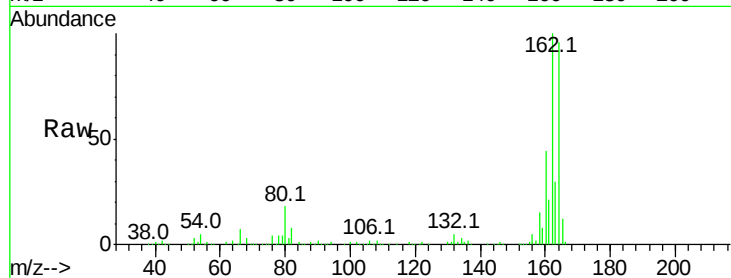
Tot Ion:164 Resp: 222116

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

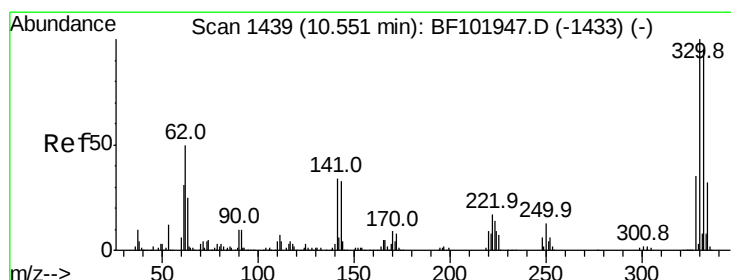
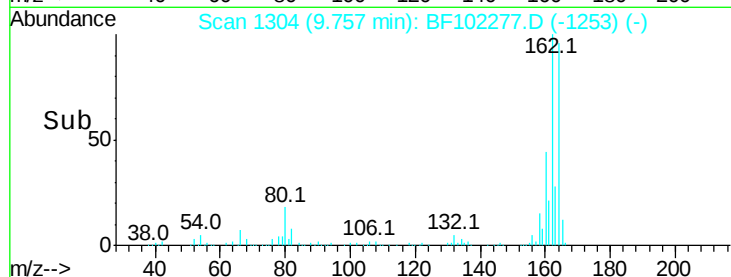
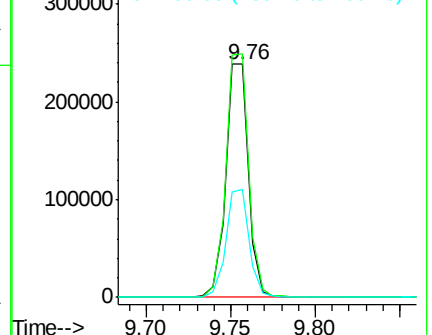
160 46.3 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 88.714 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102277.D

Acq: 20 Jan 2018 20:22

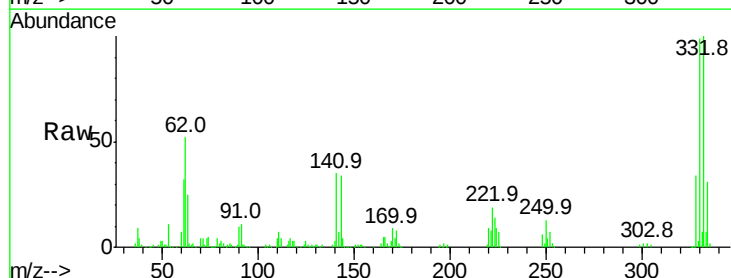
Tgt Ion:330 Resp: 171961

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

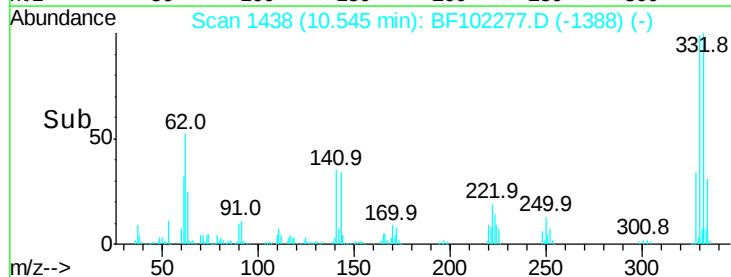
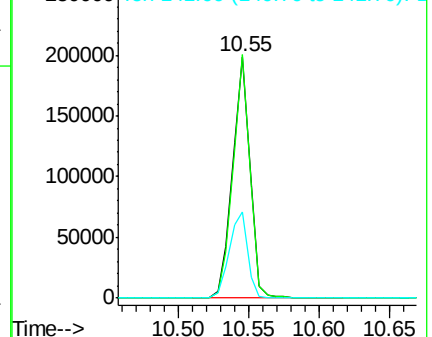
141 37.8 29.9 44.9



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



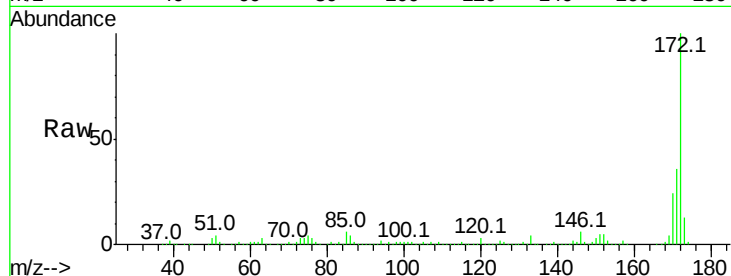


#44
 2-Fluorobiphenyl
 Concen: 71.487 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102277.D
 Acq: 20 Jan 2018 20:22

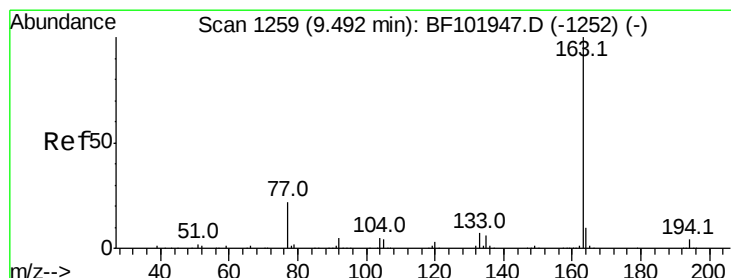
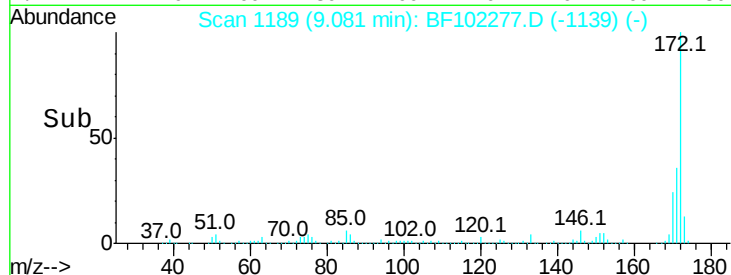
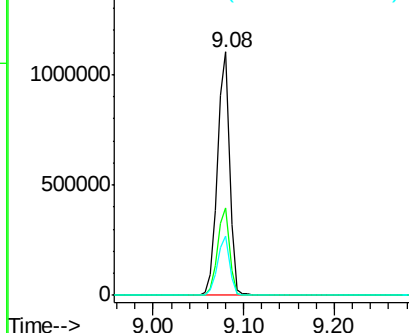
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1016371

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.1	19.6	29.4



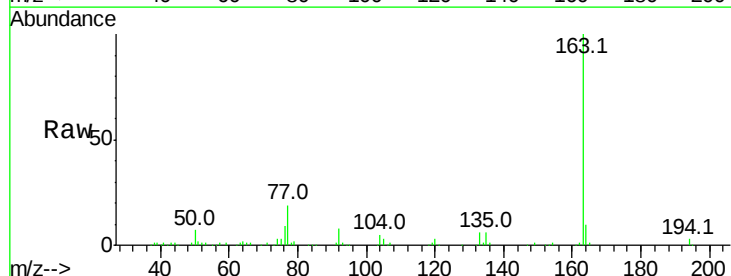
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



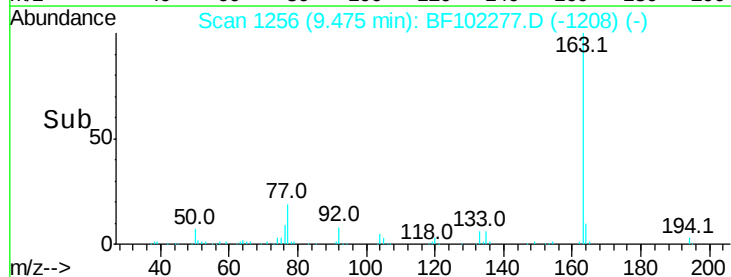
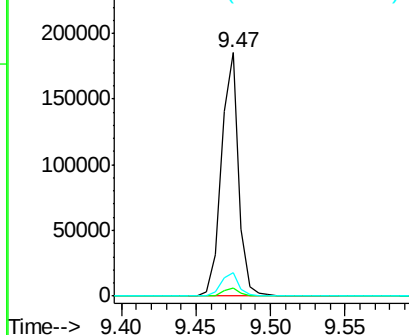
#49
 Dimethylphthalate
 Concen: 8.438 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.02 min
 Lab File: BF102277.D
 Acq: 20 Jan 2018 20:22

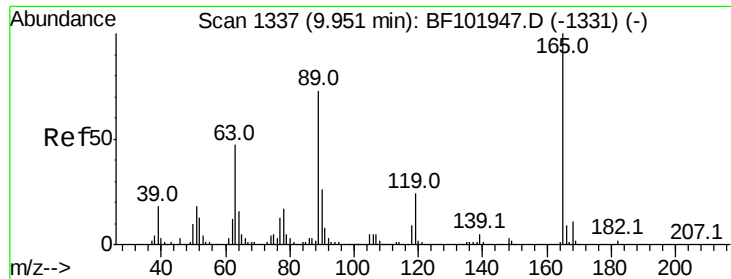
Tgt Ion:163 Resp: 150344

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.8	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

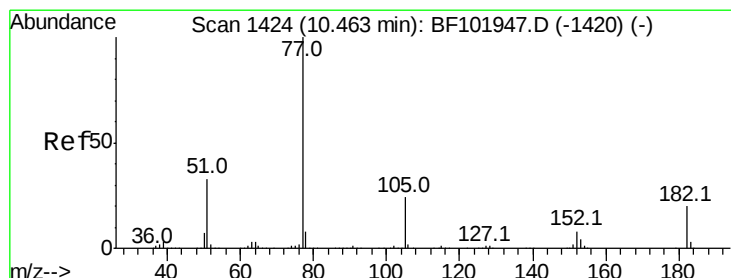
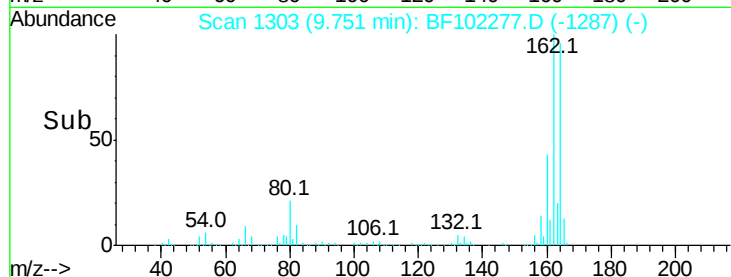
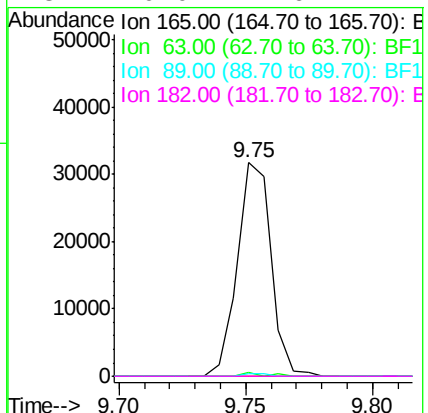
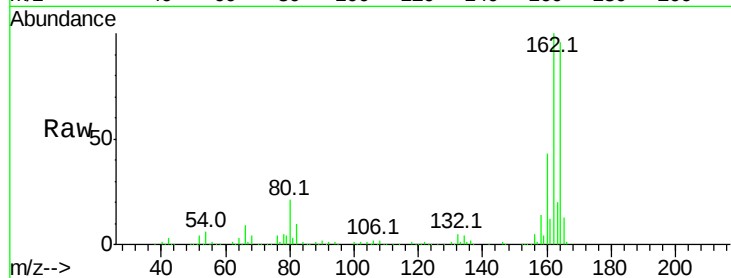




#56
 2,4-Dinitrotoluene
 Concen: 6.565 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF102277.D
 Acq: 20 Jan 2018 20:22

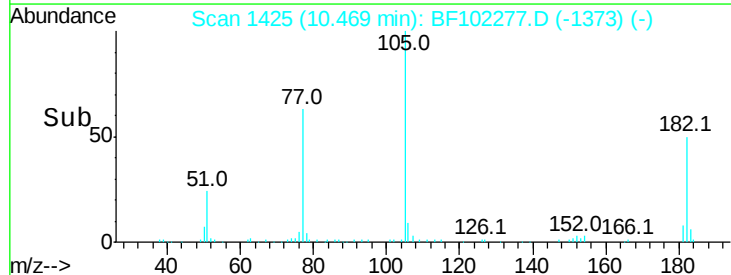
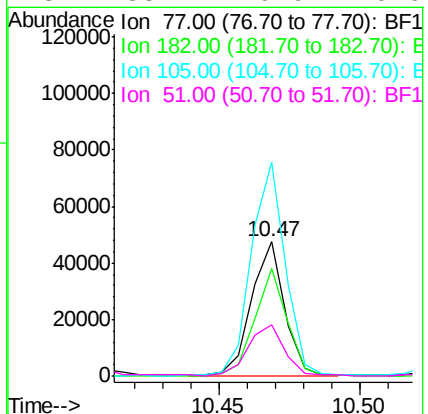
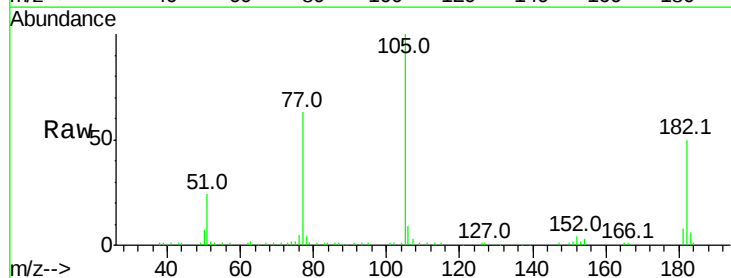
Instrument :
 BNA_F
 ClientSampled :

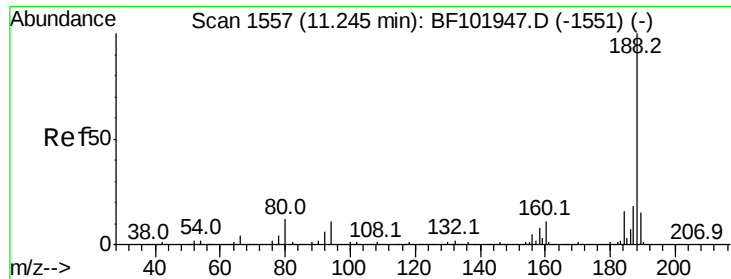
Tot Ion:	165	Resp:	29285
Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 2.181 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF102277.D
 Acq: 20 Jan 2018 20:22

Tgt Ion:	77	Resp:	38454
Ion	Ratio	Lower	Upper
77	100		
182	80.2	1.7	41.7#
105	159.5	3.0	43.0#
51	38.1	9.9	49.9

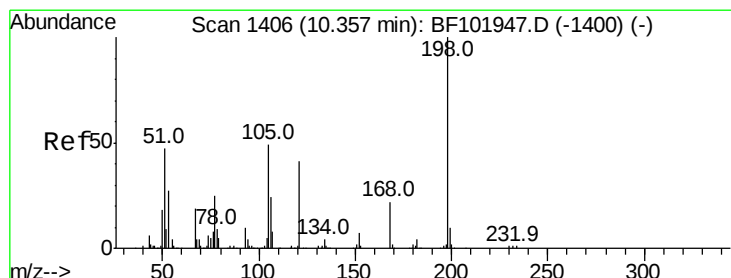
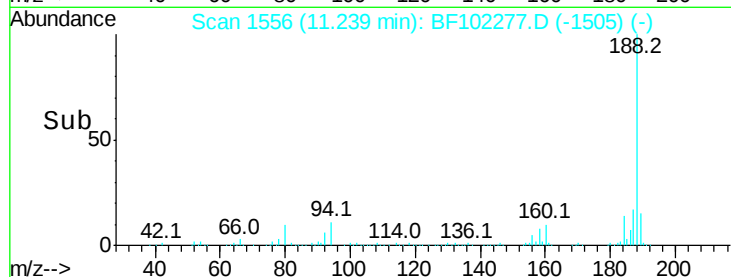
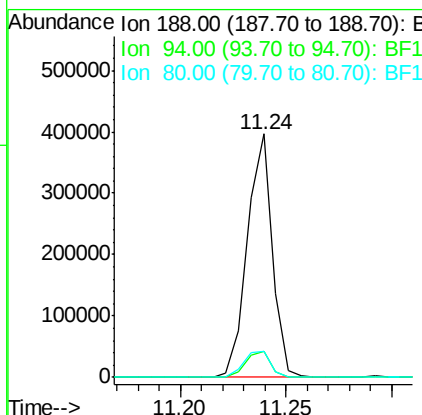
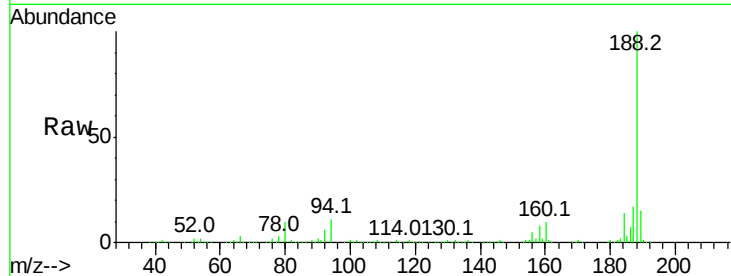




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102277.D
Acq: 20 Jan 2018 20:22

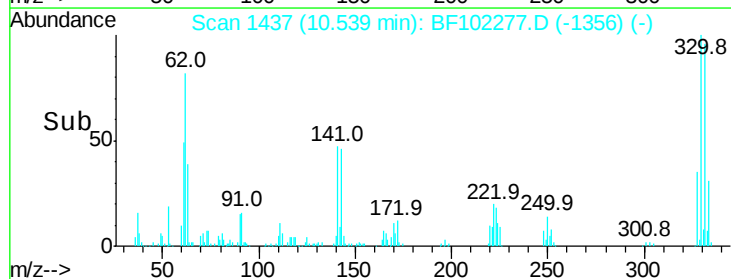
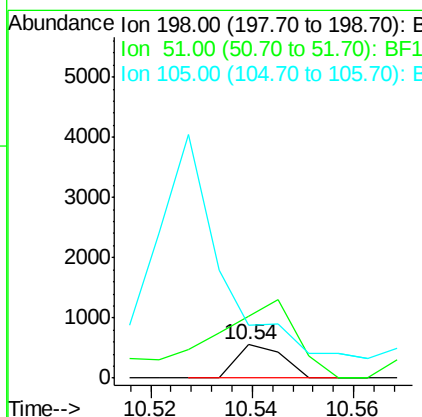
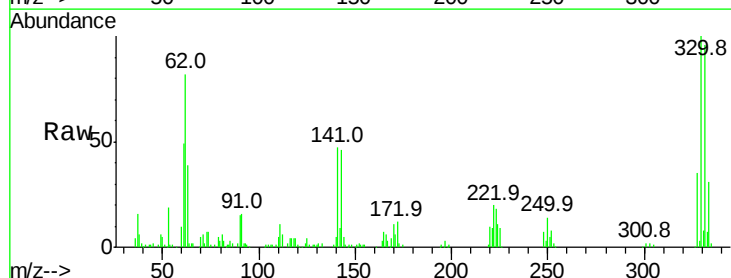
Instrument :
BNA_F
ClientSampleId :

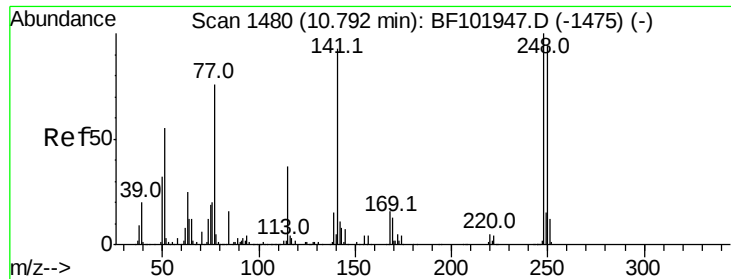
Tot Ion:188 Resp: 326705
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 10.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.836 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF102277.D
Acq: 20 Jan 2018 20:22

Tgt Ion:198 Resp: 349
Ion Ratio Lower Upper
198 100
51 187.8 37.7 77.7#
105 159.0 36.3 76.3#

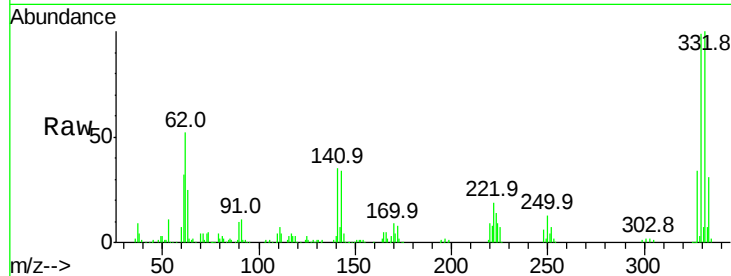




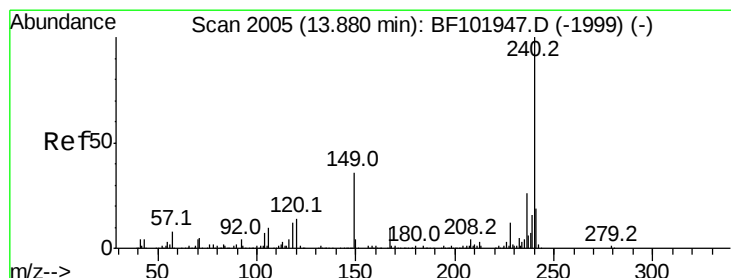
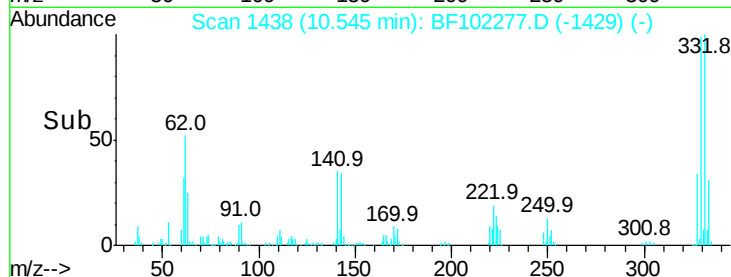
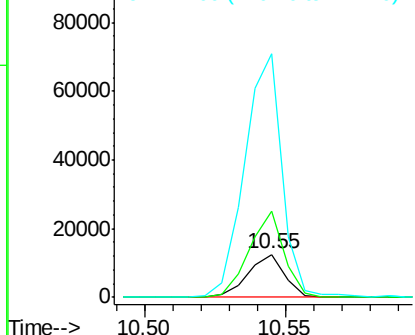
#66
 4-Bromophenyl-phenylether
 Concen: 3.247 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF102277.D
 Acq: 20 Jan 2018 20:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 11204
 Ion Ratio Lower Upper
 248 100
 250 200.0 76.9 115.3#
 141 563.3 74.4 111.6#

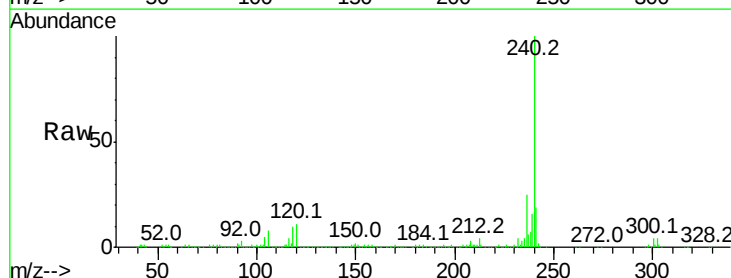


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

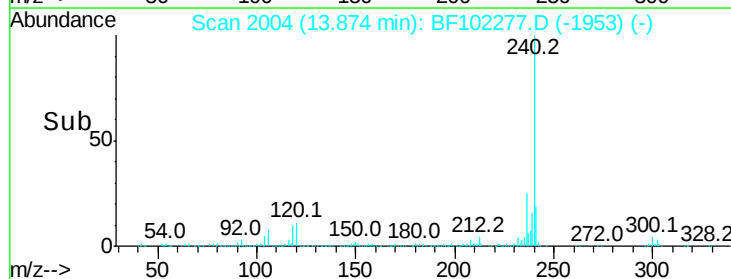
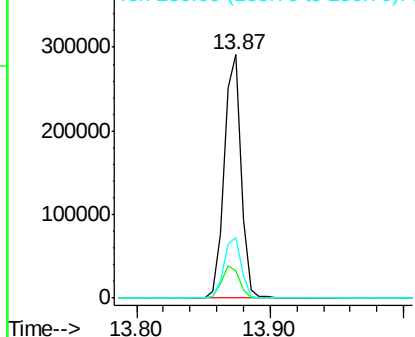


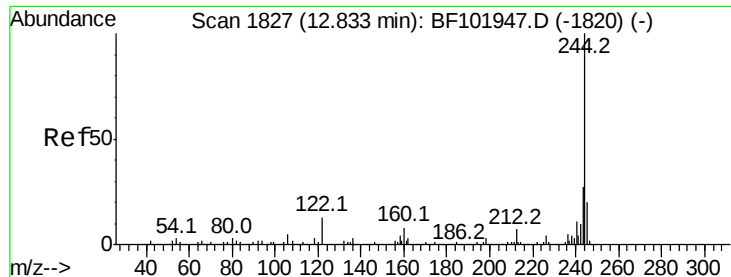
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF102277.D
 Acq: 20 Jan 2018 20:22

Tgt Ion:240 Resp: 260426
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.5 14.3
 236 25.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 53.585 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102277.D

Acq: 20 Jan 2018 20:22

Instrument :

BNA_F

ClientSampled :

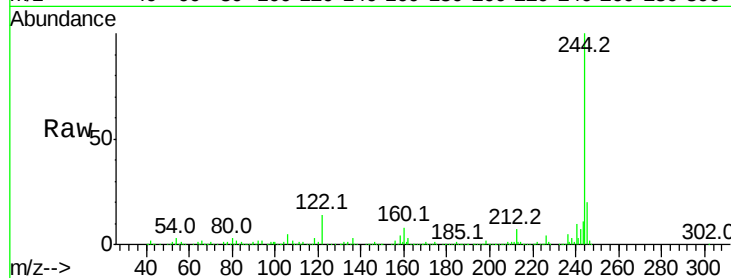
Tot Ion:244 Resp: 672123

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

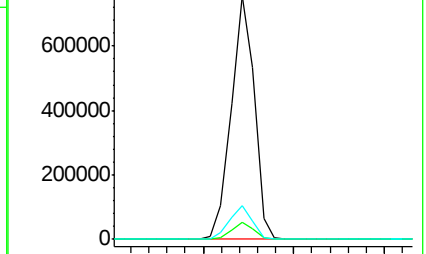
122 14.0 11.0 16.4



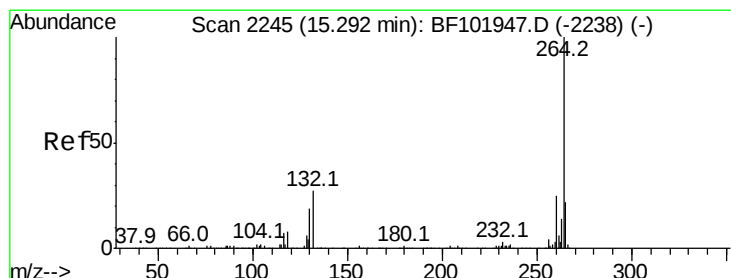
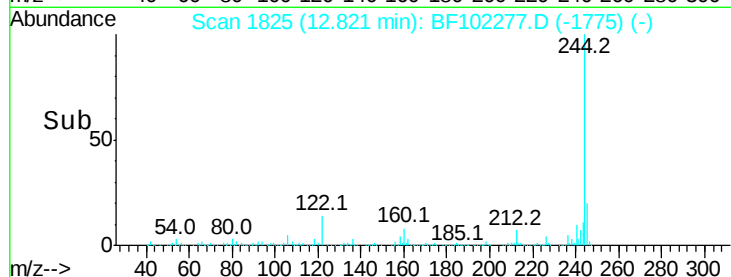
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF102277.D

Acq: 20 Jan 2018 20:22

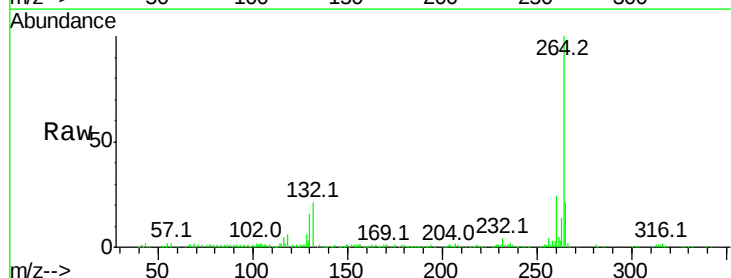
Tgt Ion:264 Resp: 204028

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

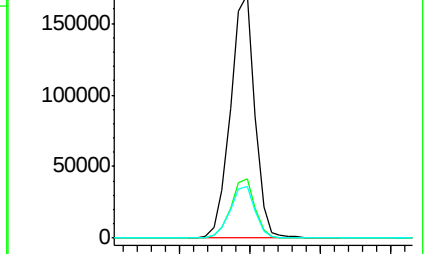
265 21.4 17.5 26.3



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



Time-->

