

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102367.D
 Acq On : 24 Jan 2018 2:42
 Operator : SJ/JU
 Sample : J1249-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 24 04:33:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

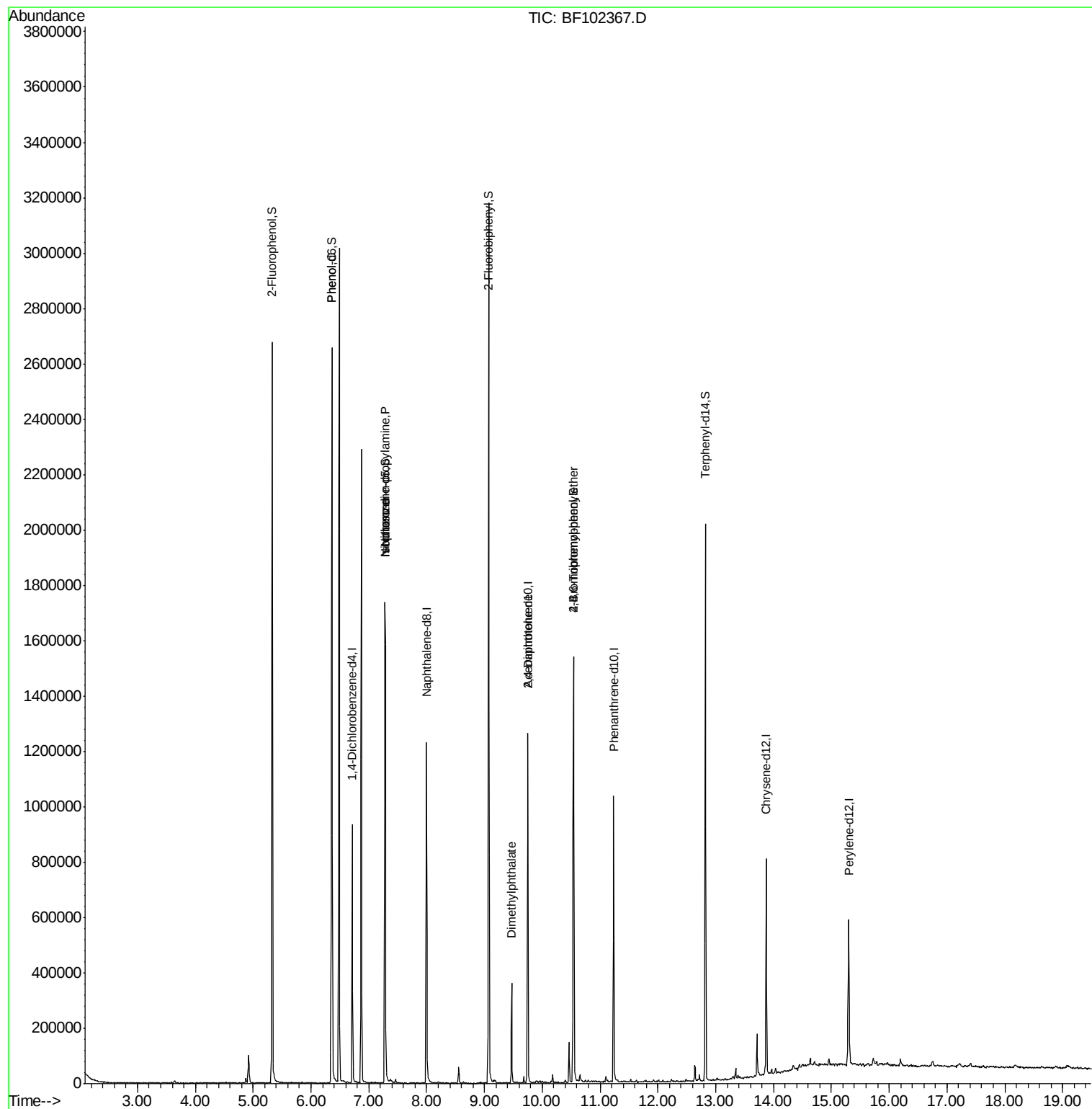
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	133403	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	555018	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	238973	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	371058	20.00	ng	0.00
75) Chrysene-d12	13.87	240	259353	20.00	ng	0.00
86) Perylene-d12	15.30	264	222529	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	850747	96.70	ng	0.00
7) Phenol-d6	6.36	99	1020764	96.24	ng	0.00
23) Nitrobenzene-d5	7.28	82	634712	65.72	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	170283	71.91	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1010140	62.15	ng	0.00
78) Terphenyl-d14	12.82	244	632053	54.94	ng	0.00
Target Compounds						
10) Phenol	6.37	94	51700	4.465	ng	78
19) n-Nitroso-di-n-propylamine	7.28	70	84227	12.976	ng	# 78
25) Isophorone	7.28	82	625593	36.334	ng	# 64
49) Dimethylphthalate	9.47	163	144817	7.332	ng	97
56) 2,4-Dinitrotoluene	9.75	165	29715	5.674	ng	# 24
66) 4-Bromophenyl-phenylether	10.54	248	11063	2.770	ng	# 1

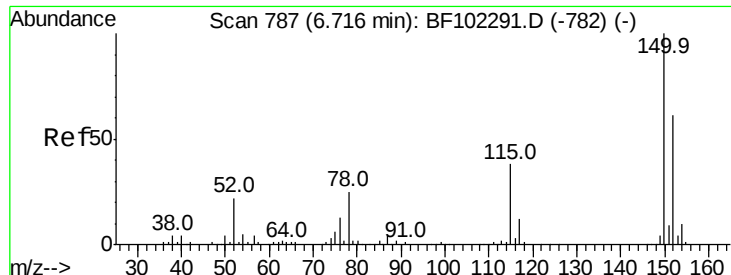
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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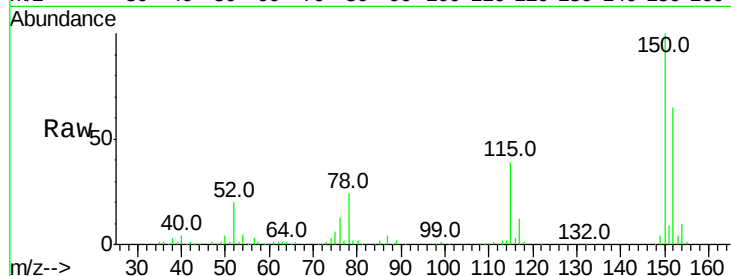


#1

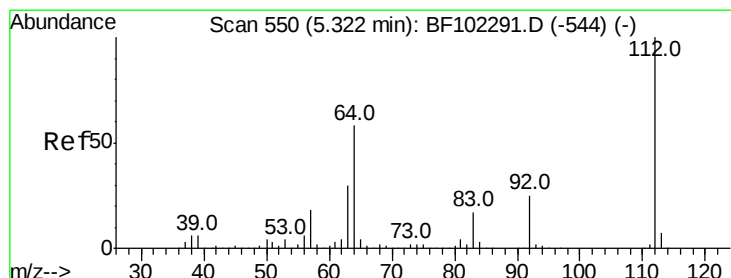
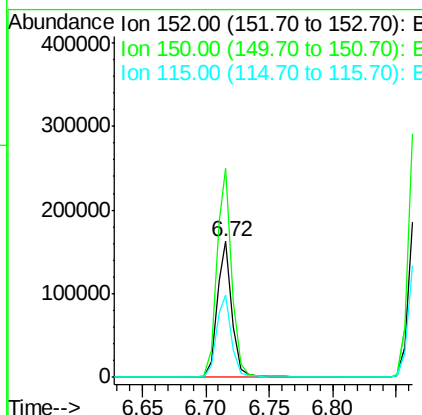
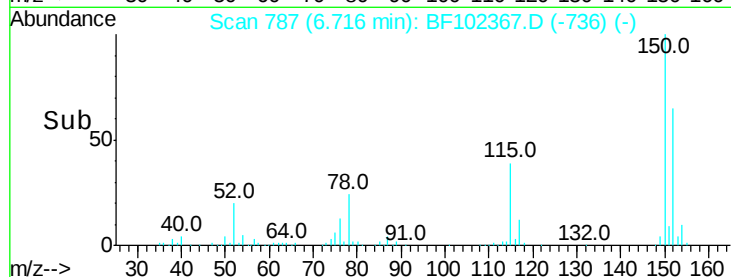
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF102367.D
 Acq: 24 Jan 2018 2:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 133403
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.6 186.8
 115 60.7 50.1 75.1



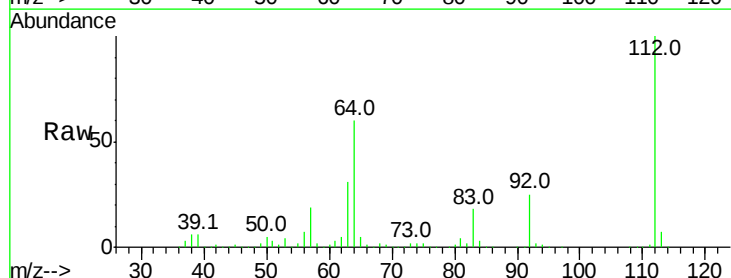
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



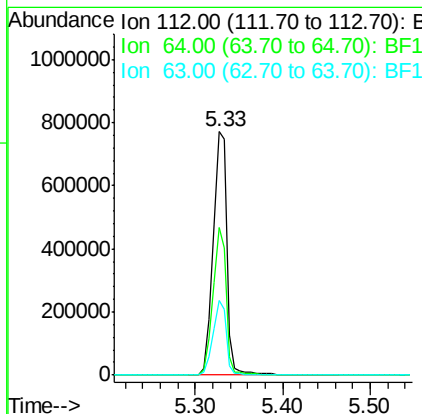
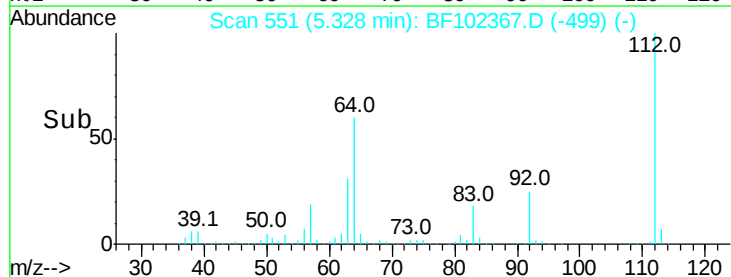
#5

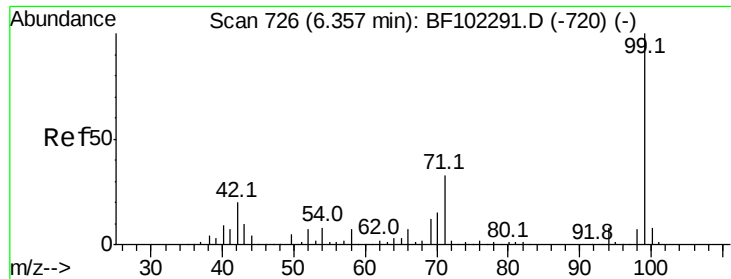
2-Fluorophenol
 Concen: 96.696 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102367.D
 Acq: 24 Jan 2018 2:42

Tgt Ion:112 Resp: 850747
 Ion Ratio Lower Upper
 112 100
 64 60.5 47.9 71.9
 63 30.9 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: 96.235 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102367.D

Acq: 24 Jan 2018 2:42

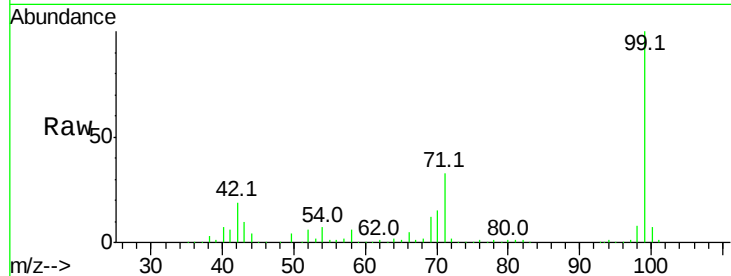
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1020764

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.5	21.7
71	33.5	25.4	38.0

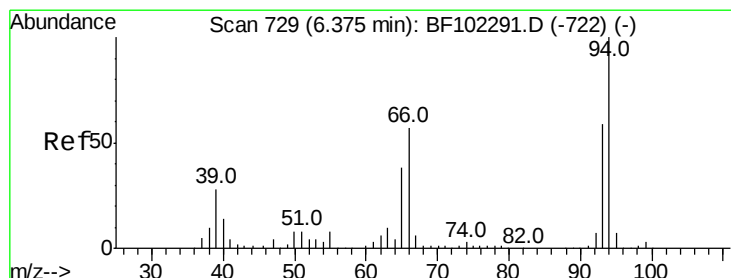
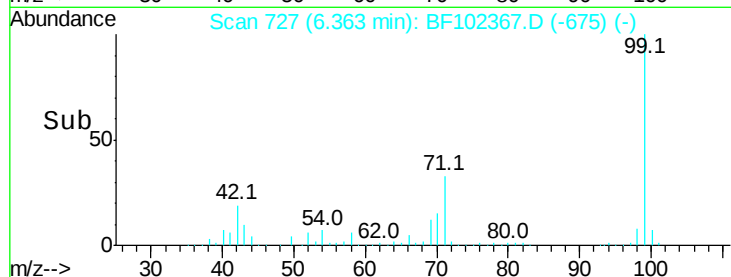
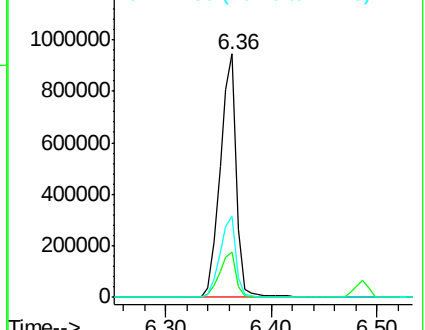


Abundance

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



#10

Phenol

Concen: 4.465 ng

RT: 6.37 min Scan# 728

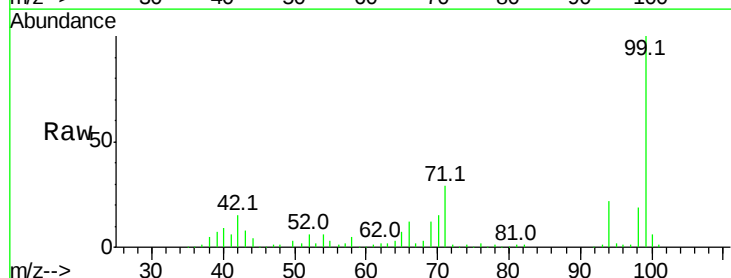
Delta R.T. -0.01 min

Lab File: BF102367.D

Acq: 24 Jan 2018 2:42

Tgt Ion: 94 Resp: 51700

Ion	Ratio	Lower	Upper
94	100		
65	33.6	7.9	47.9
66	54.3	16.2	56.2

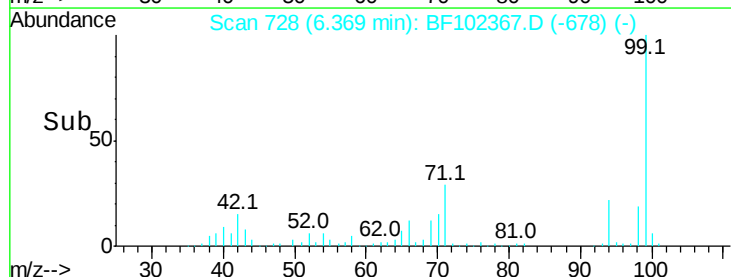
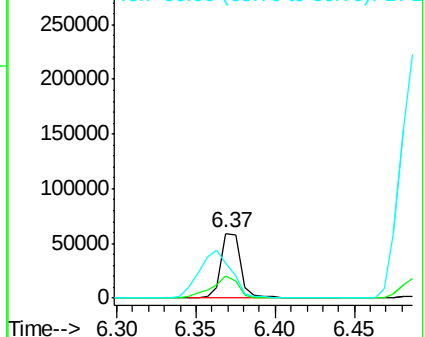


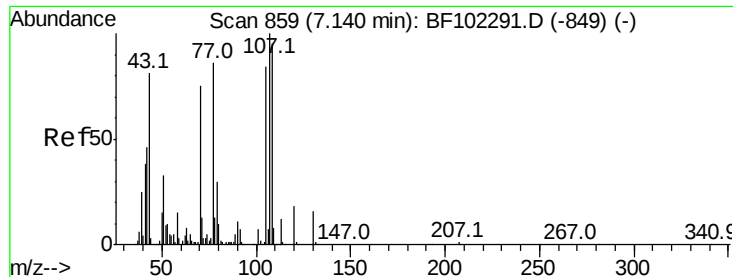
Abundance

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

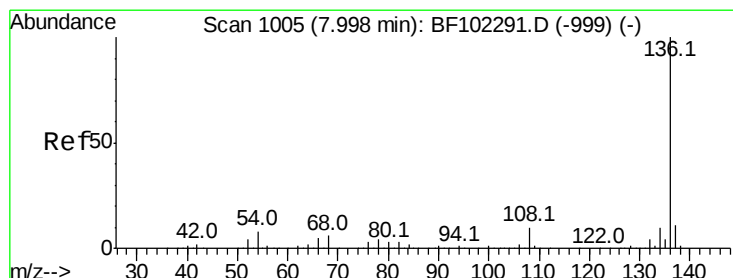
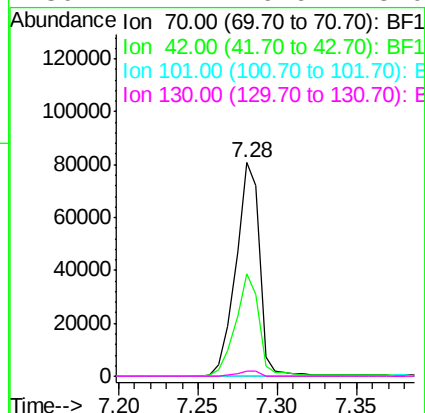
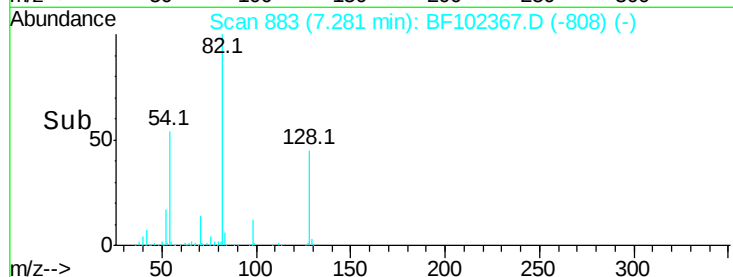
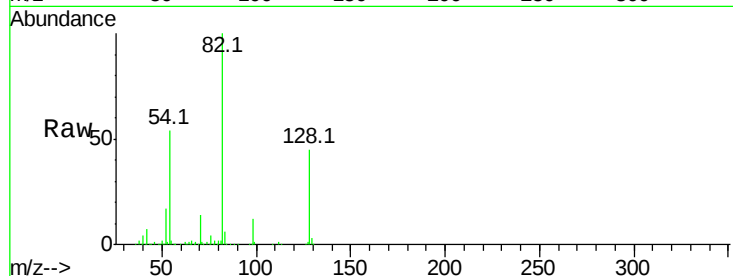




#19
n-Nitroso-di-n-propylamine
Concen: 12.976 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF102367.D
Acq: 24 Jan 2018 2:42

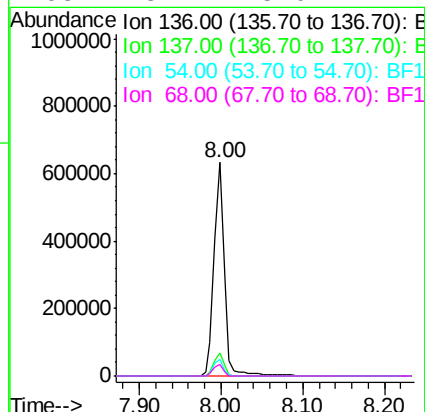
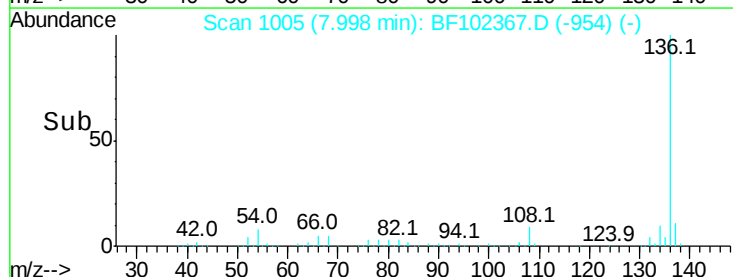
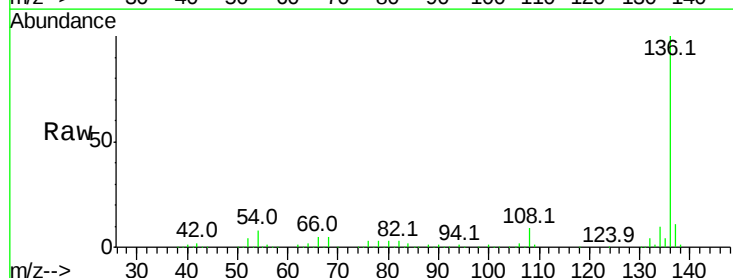
Instrument :
BNA_F
ClientSampleId :

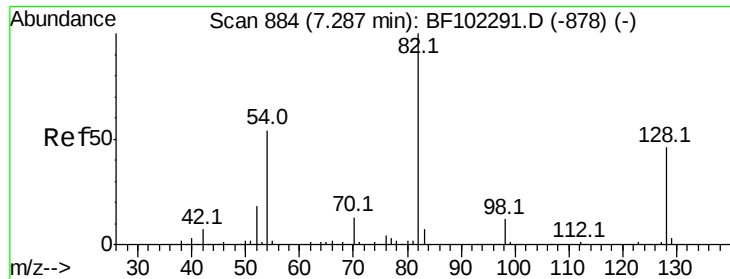
Tot Ion: 70 Resp: 84227
Ion Ratio Lower Upper
70 100
42 48.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102367.D
Acq: 24 Jan 2018 2:42

Tgt Ion:136 Resp: 555018
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.5 6.6 9.8
68 5.4 5.0 7.4

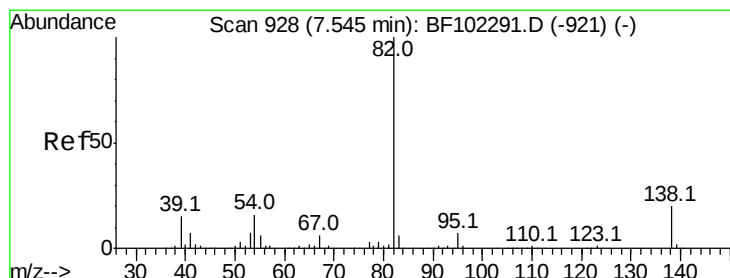
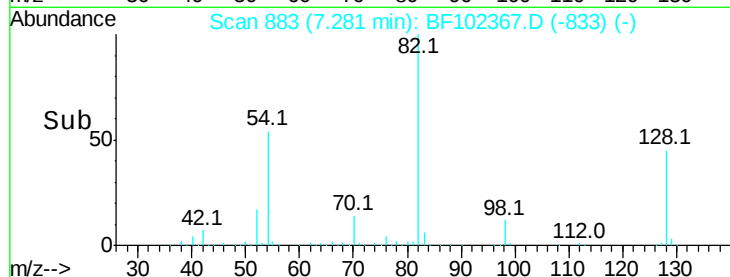
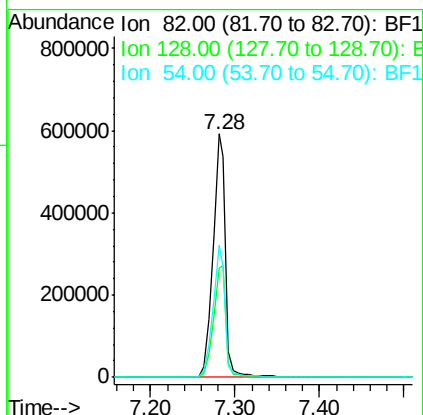
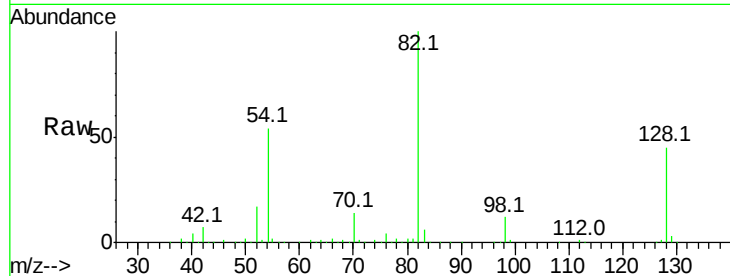




#23
 Nitrobenzene-d5
 Concen: 65.718 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102367.D
 Acq: 24 Jan 2018 2:42

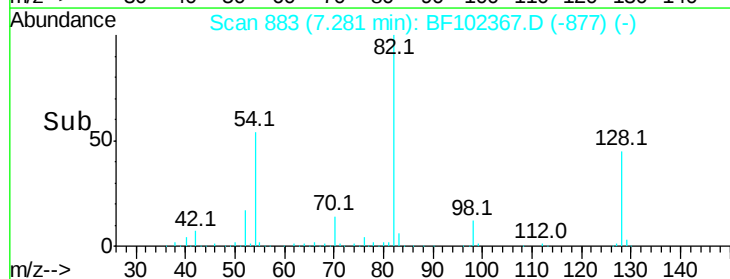
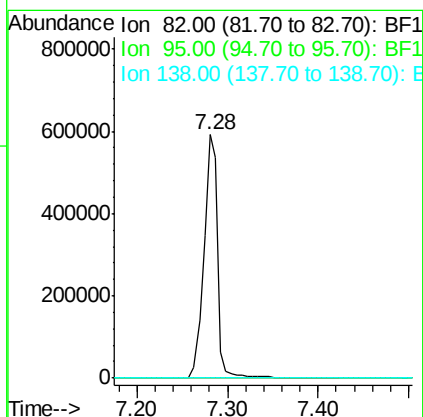
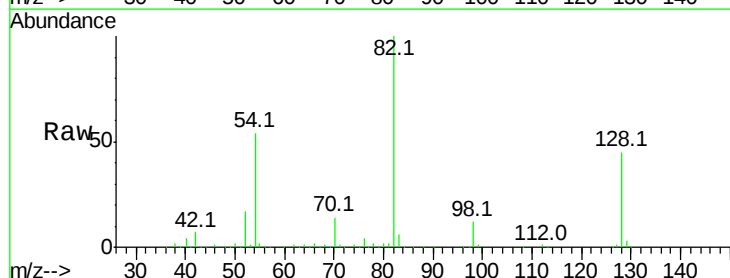
Instrument :
 BNA_F
 ClientSampled :

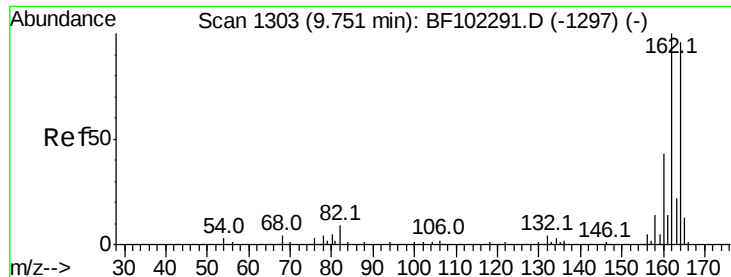
Tot Ion: 82 Resp: 634712
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.1 54.1
 54 54.2 41.4 62.2



#25
 Isophorone
 Concen: 36.334 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF102367.D
 Acq: 24 Jan 2018 2:42

Tgt Ion: 82 Resp: 625593
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

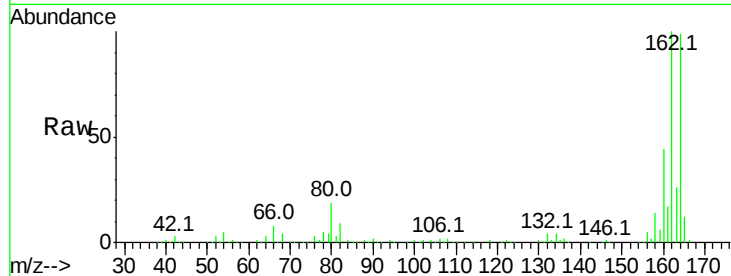




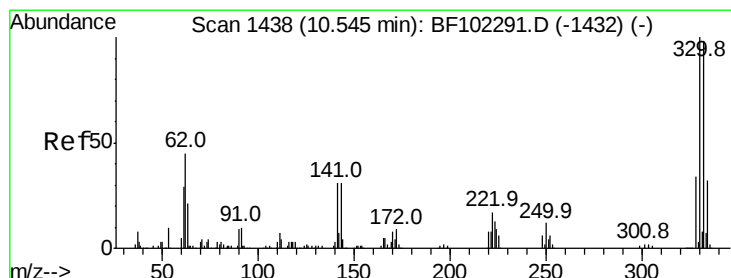
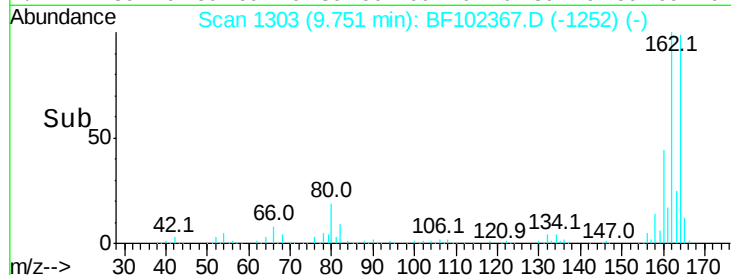
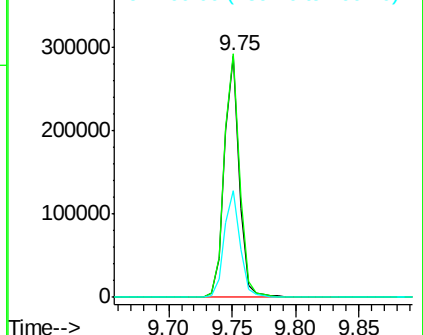
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102367.D
Acq: 24 Jan 2018 2:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 238973
Ion Ratio Lower Upper
164 100
162 101.0 86.1 129.1
160 44.4 38.3 57.5

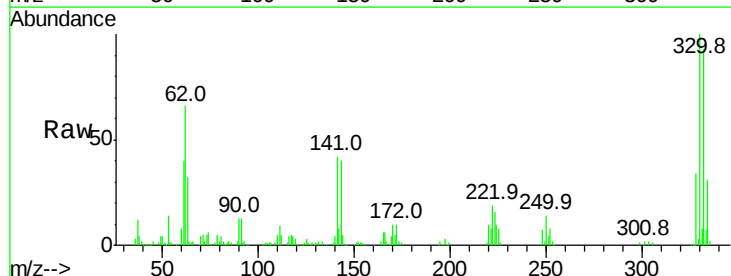


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

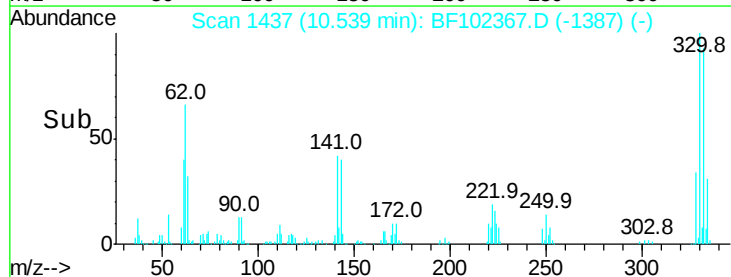
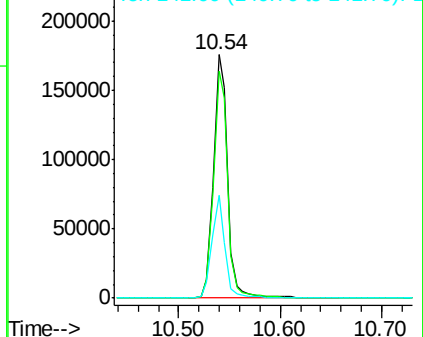


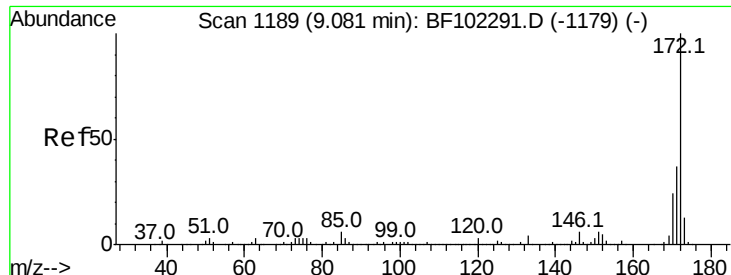
#41
2,4,6-Tribromophenol
Concen: 71.914 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102367.D
Acq: 24 Jan 2018 2:42

Tgt Ion:330 Resp: 170283
Ion Ratio Lower Upper
330 100
332 94.0 77.0 115.6
141 39.4 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

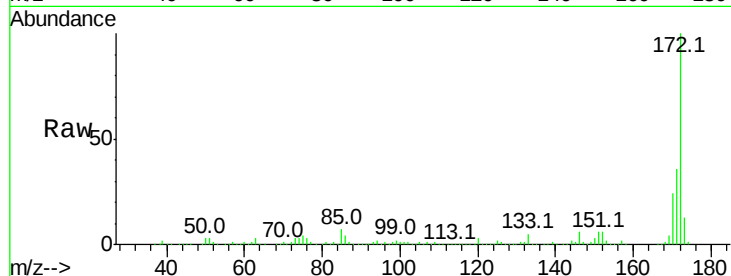




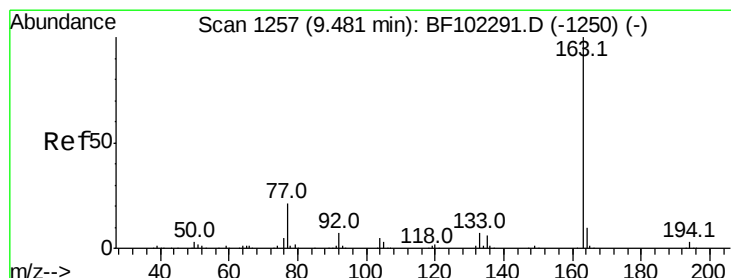
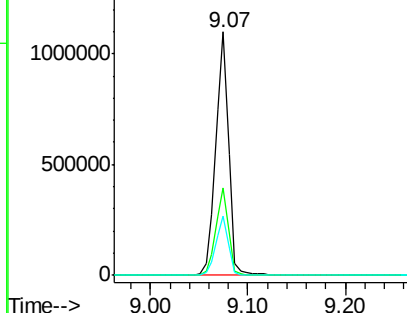
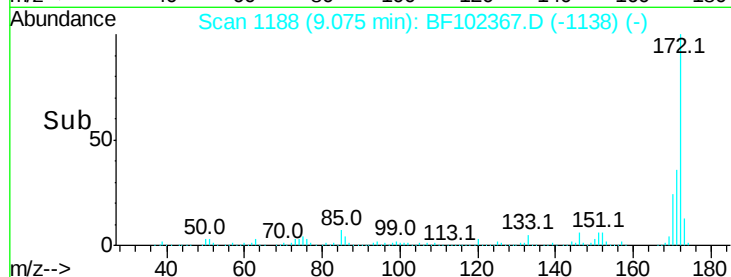
#44
2-Fluorobiphenyl
Concen: 62.152 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102367.D
Acq: 24 Jan 2018 2:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1010140
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.2 19.6 29.4

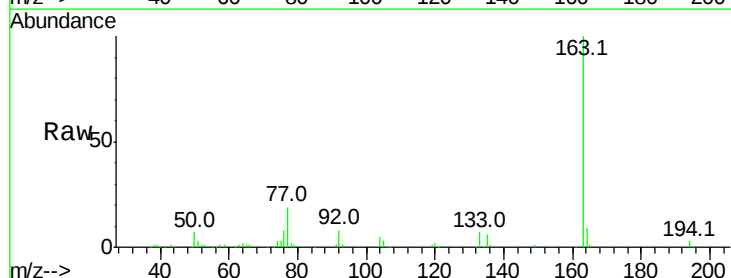


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

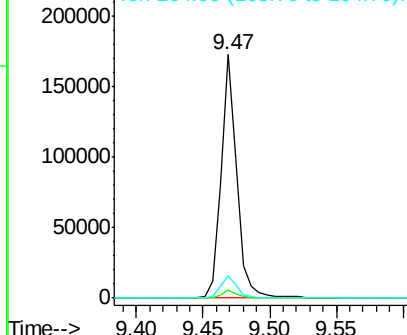
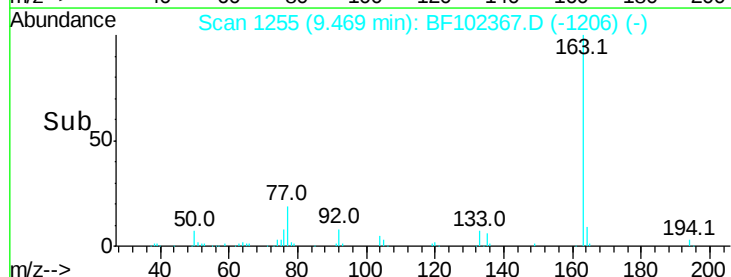


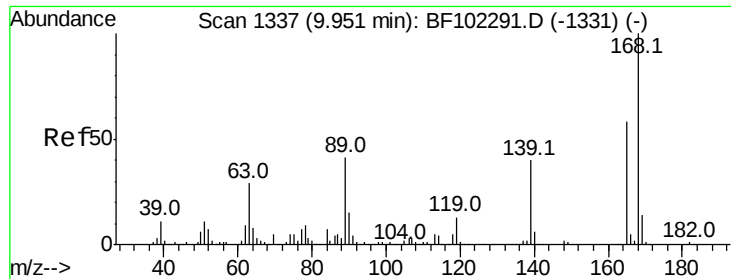
#49
Dimethylphthalate
Concen: 7.332 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102367.D
Acq: 24 Jan 2018 2:42

Tgt Ion:163 Resp: 144817
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 8.9 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

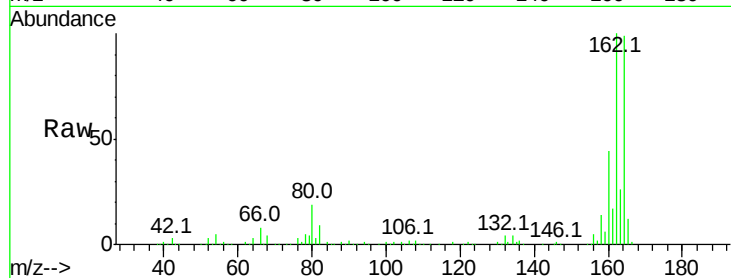




#56
 2,4-Dinitrotoluene
 Concen: 5.674 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102367.D
 Acq: 24 Jan 2018 2:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

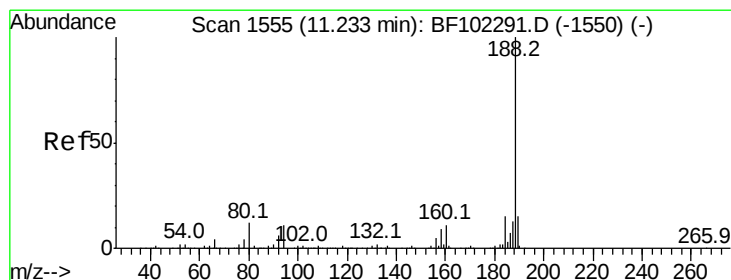
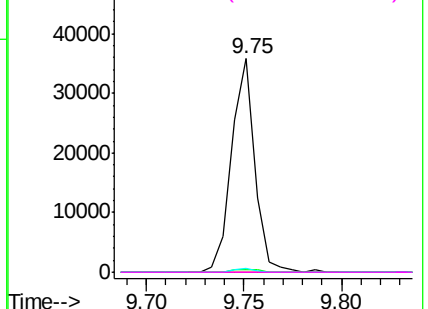
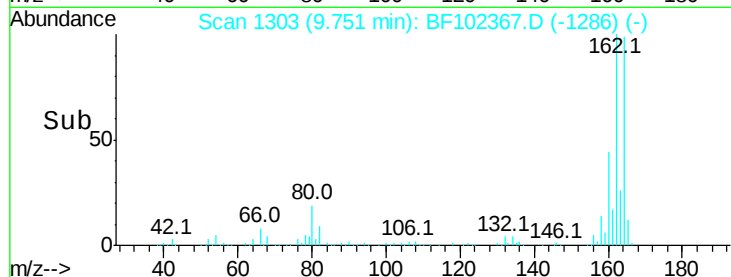


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

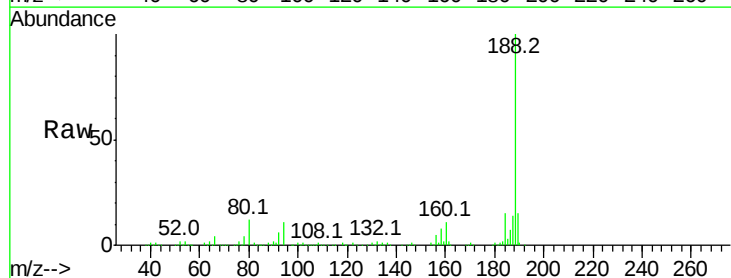
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF102367.D
 Acq: 24 Jan 2018 2:42

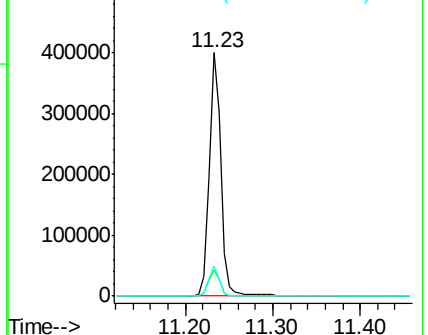
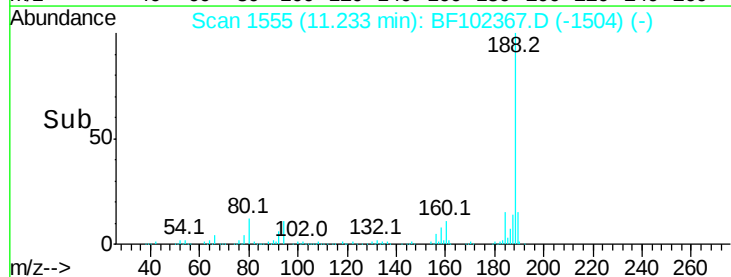
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	12.0	9.2	13.8

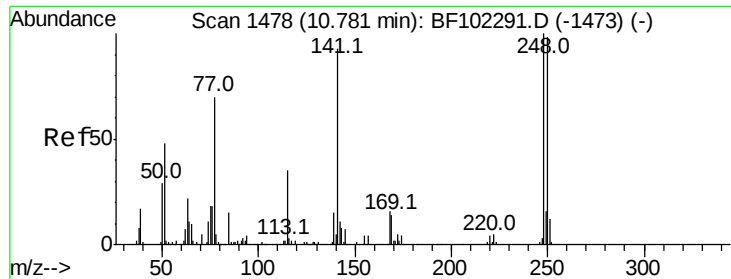


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

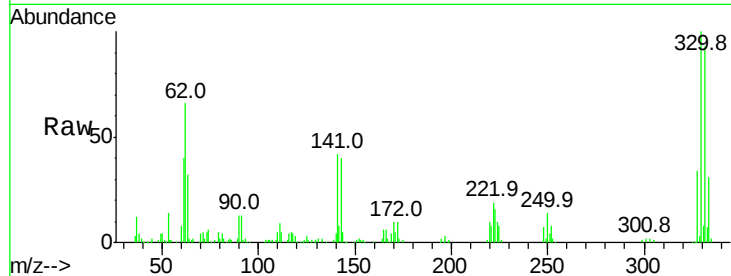




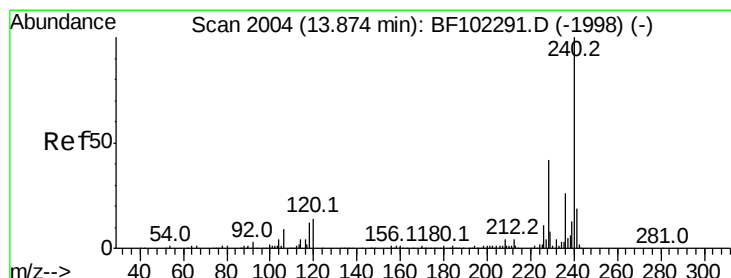
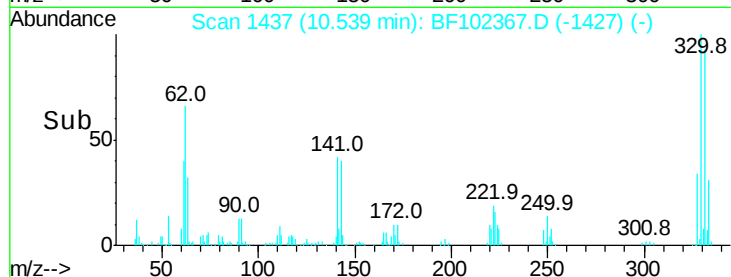
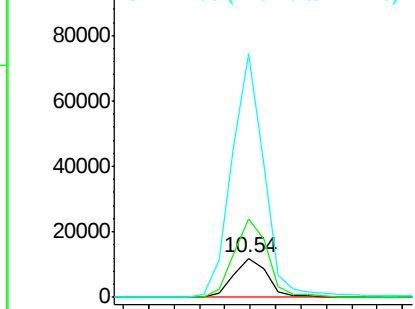
#66
4-Bromophenyl-phenylether
Concen: 2.770 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102367.D
Acq: 24 Jan 2018 2:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11063
Ion Ratio Lower Upper
248 100
250 201.8 76.9 115.3#
141 623.9 74.4 111.6#

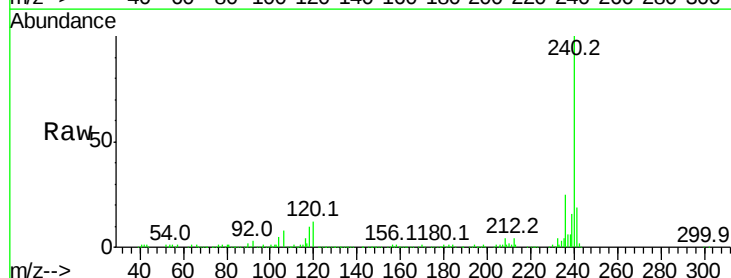


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

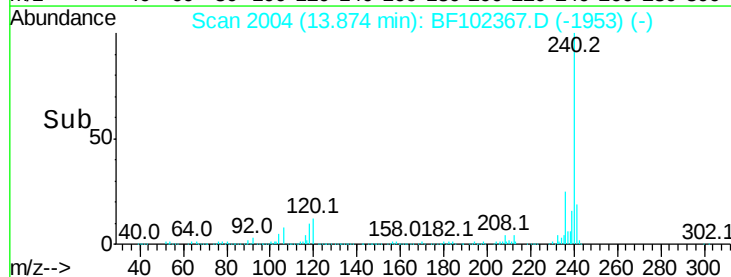
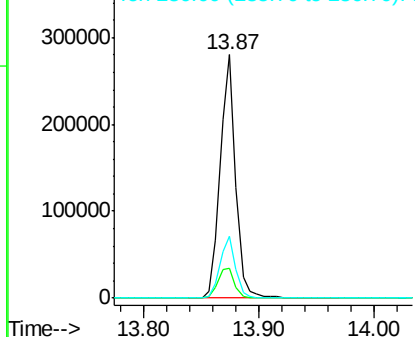


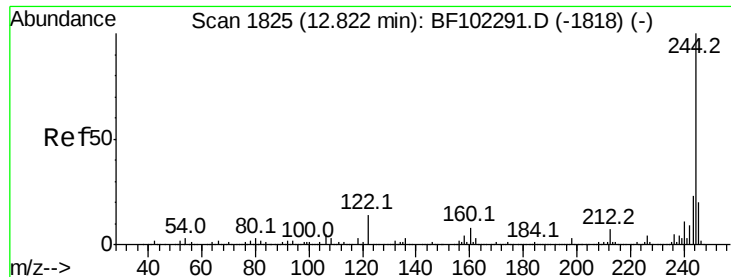
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF102367.D
Acq: 24 Jan 2018 2:42

Tgt Ion:240 Resp: 259353
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 25.2 20.7 31.1



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





#78

Terphenyl-d14

Concen: 54.940 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102367.D

Acq: 24 Jan 2018 2:42

Instrument :

BNA_F

ClientSampleId :

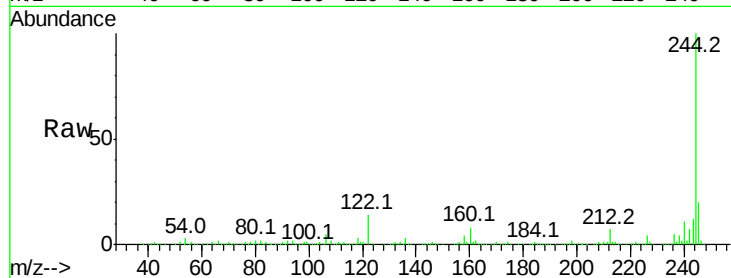
Tot Ion:244 Resp: 632053

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

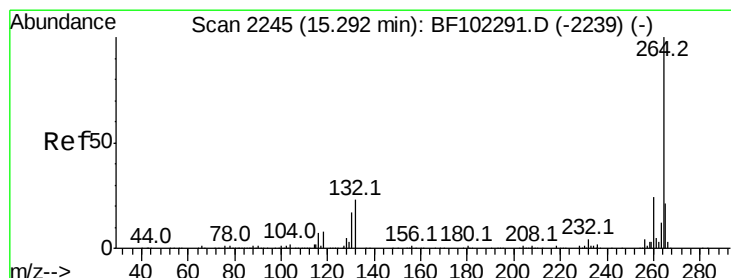
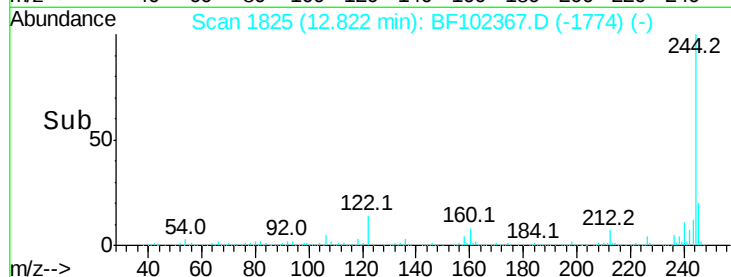
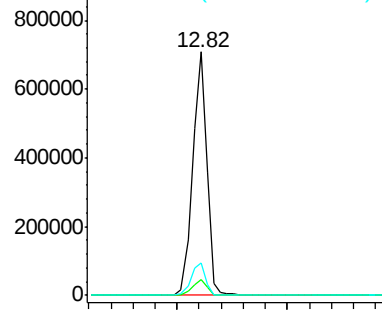
122 13.5 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF102367.D

Acq: 24 Jan 2018 2:42

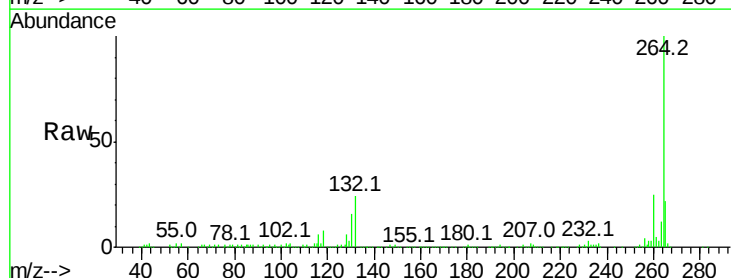
Tgt Ion:264 Resp: 222529

Ion Ratio Lower Upper

264 100

260 25.0 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

