

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012518\
 Data File : BF102417.D
 Acq On : 25 Jan 2018 11:11
 Operator : SJ/JU
 Sample : PB105903BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105903BL

Quant Time: Jan 25 13:53:56 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

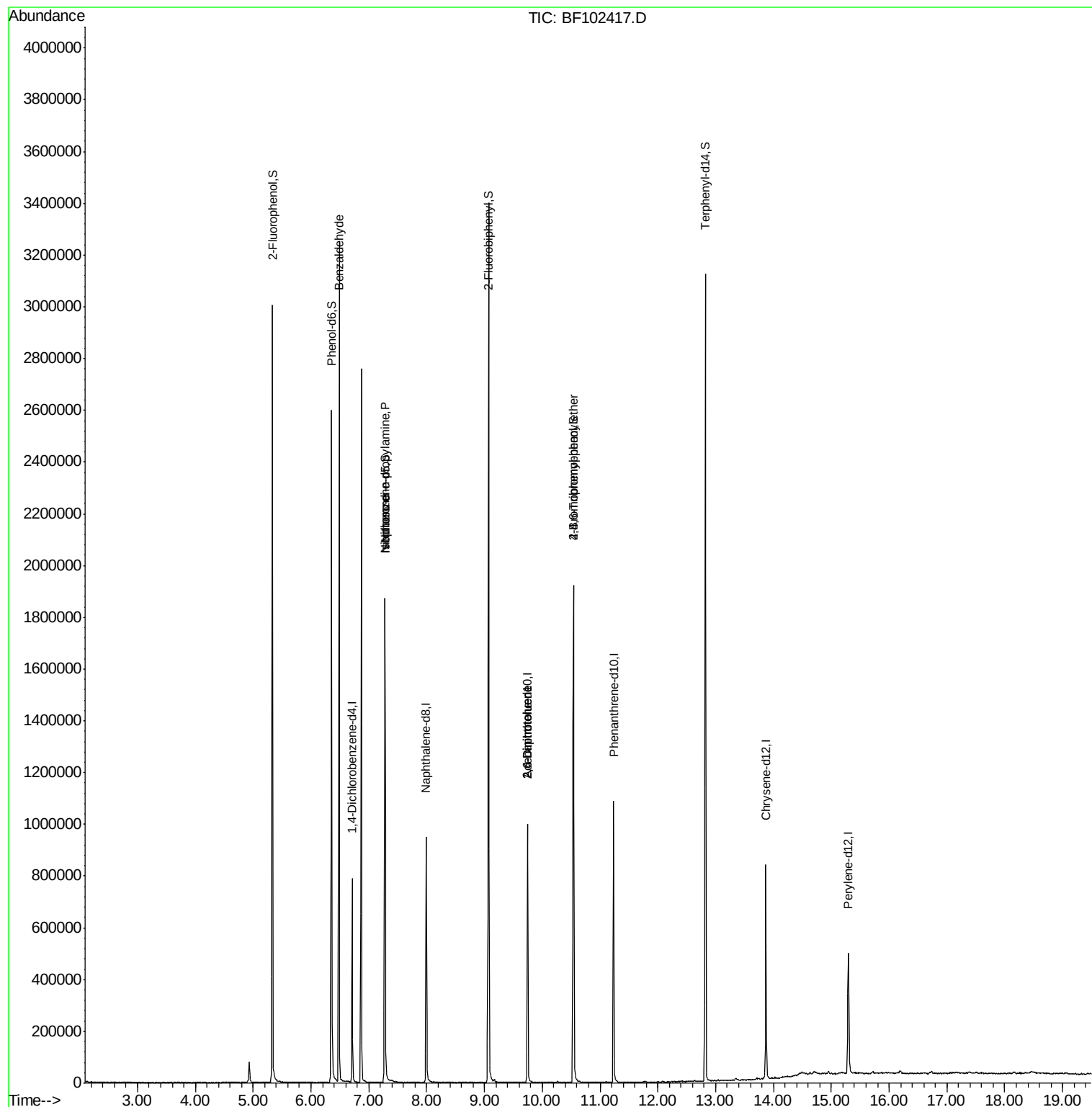
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	118495	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	496490	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	220673	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	394949	20.00	ng	0.00
75) Chrysene-d12	13.87	240	289161	20.00	ng	-0.01
86) Perylene-d12	15.29	264	226257	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	903868	115.66	ng	0.01
7) Phenol-d6	6.36	99	1091430	115.84	ng	-0.01
23) Nitrobenzene-d5	7.28	82	681687	78.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	232605	106.38	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1238819	82.54	ng	0.00
78) Terphenyl-d14	12.82	244	1148502	89.54	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	19584	2.988	ng	83
19) n-Nitroso-di-n-propylamine	7.28	70	87732	15.216	ng	# 83
25) Isophorone	7.28	82	678631	44.061	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	27265	6.933	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	27265	5.638	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	15557	3.659	ng	# 1

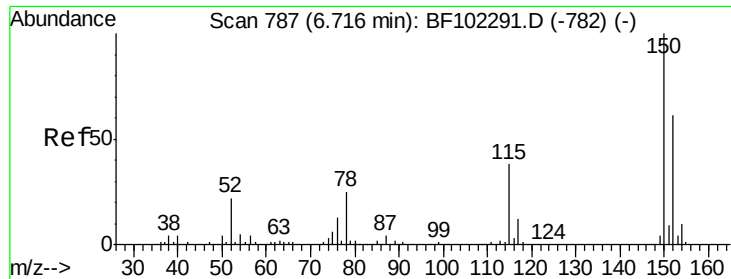
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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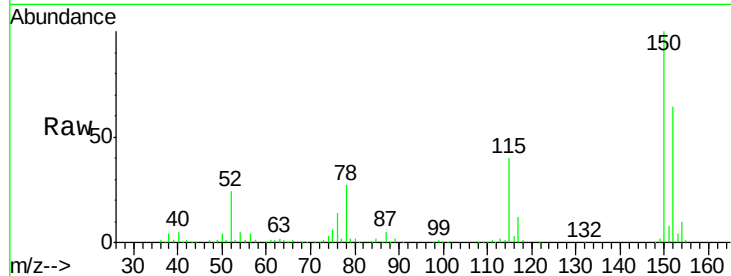


#1

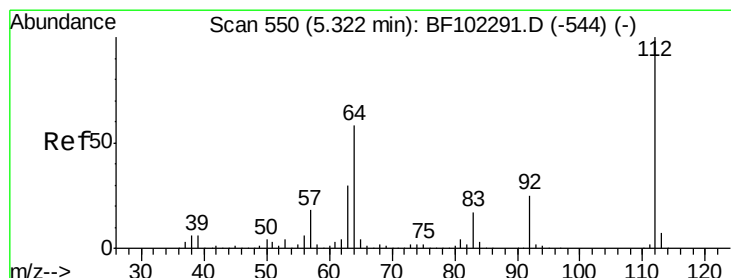
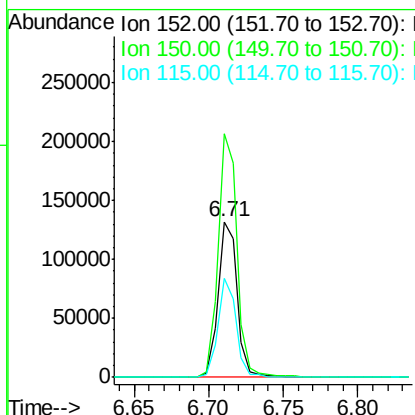
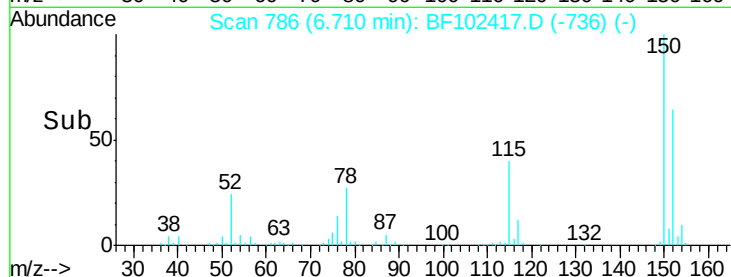
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102417.D
Acq: 25 Jan 2018 11:11

Instrument :
BNA_F
ClientSampleId :
PB105903BL

Tgt Ion:152 Resp: 118495
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 63.3 50.1 75.1



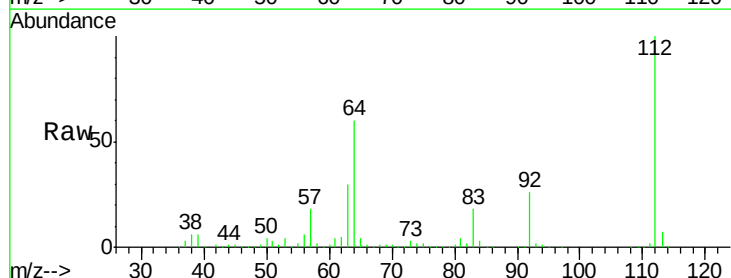
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



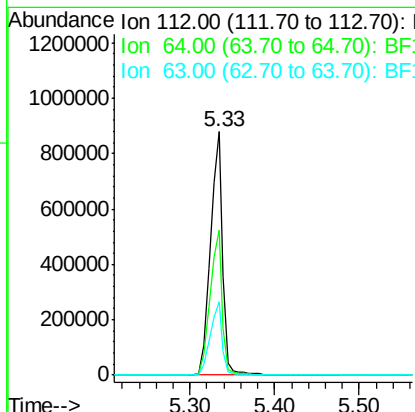
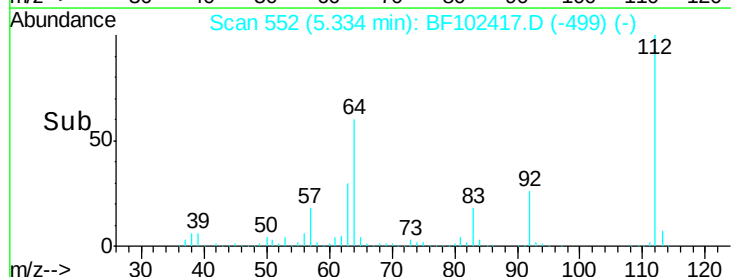
#5

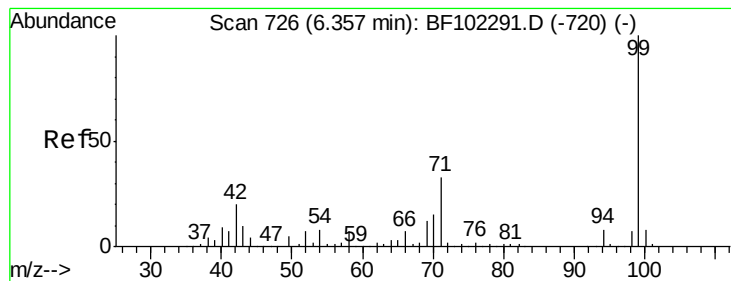
2-Fluorophenol
Concen: 115.659 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102417.D
Acq: 25 Jan 2018 11:11

Tgt Ion:112 Resp: 903868
Ion Ratio Lower Upper
112 100
64 59.6 47.9 71.9
63 30.3 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: 115.843 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102417.D

Acq: 25 Jan 2018 11:11

Instrument :

BNA_F

ClientSampleId :

PB105903BL

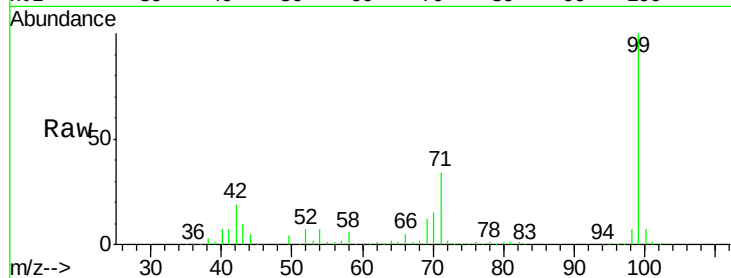
Tgt Ion: 99 Resp: 1091430

Ion Ratio Lower Upper

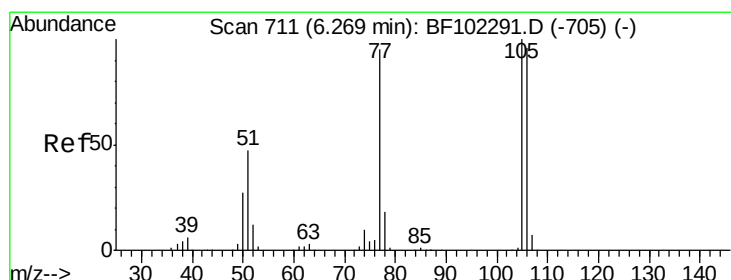
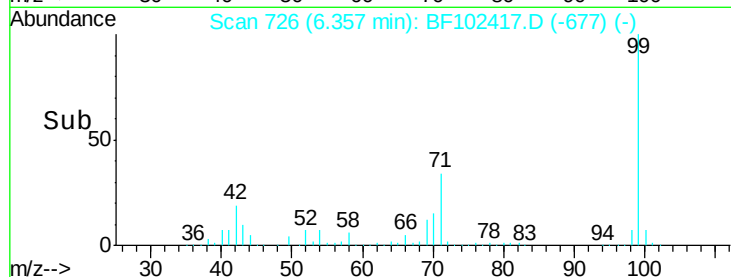
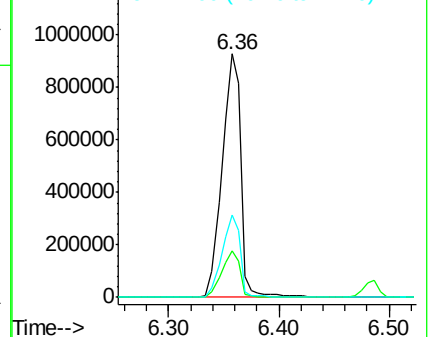
99 100

42 19.0 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



#9

Benzaldehyde

Concen: 2.988 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102417.D

Acq: 25 Jan 2018 11:11

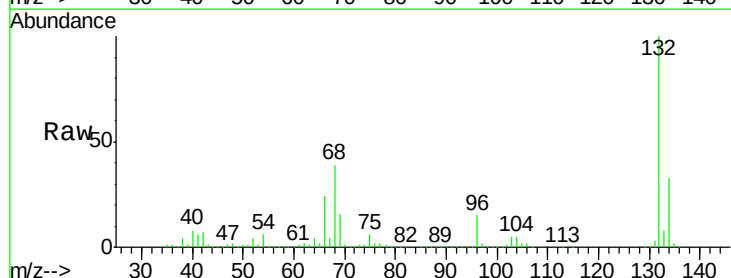
Tgt Ion: 77 Resp: 19584

Ion Ratio Lower Upper

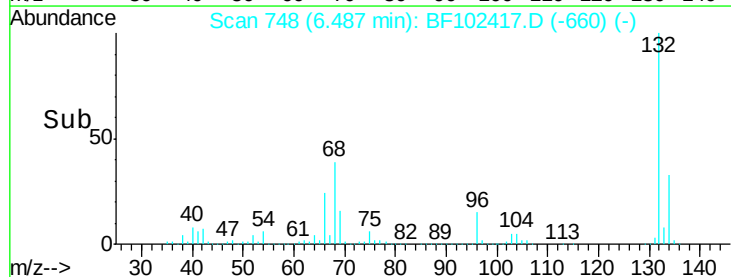
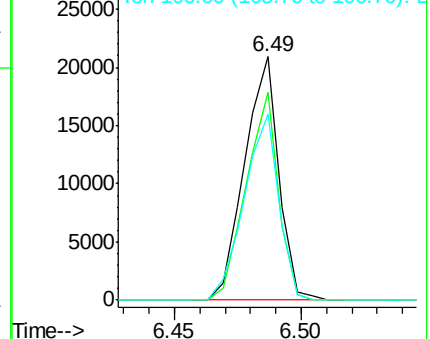
77 100

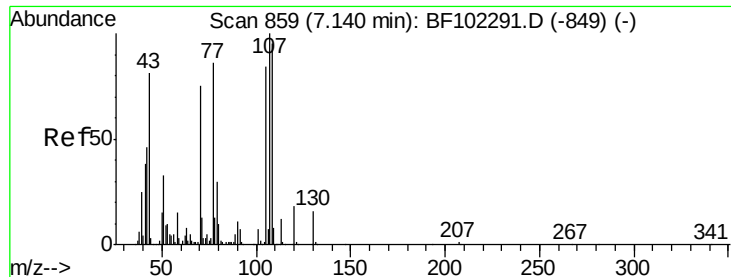
105 85.6 81.1 121.1

106 76.5 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

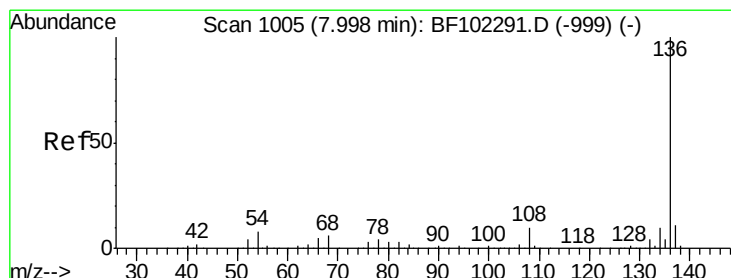
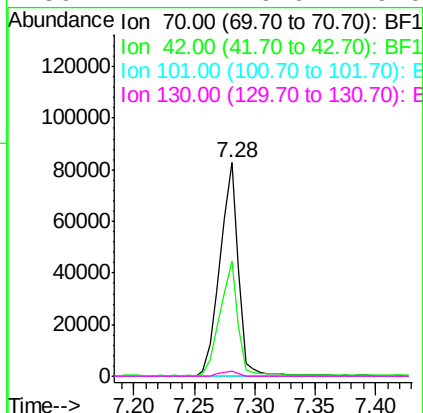
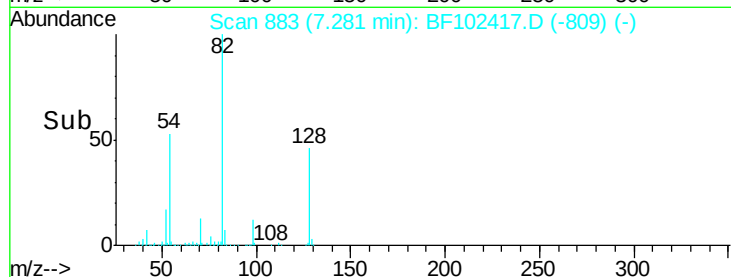
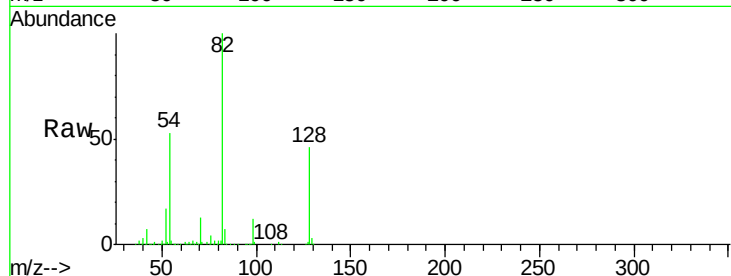




#19
n-Nitroso-di-n-propylamine
Concen: 15.216 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF102417.D
Acq: 25 Jan 2018 11:11

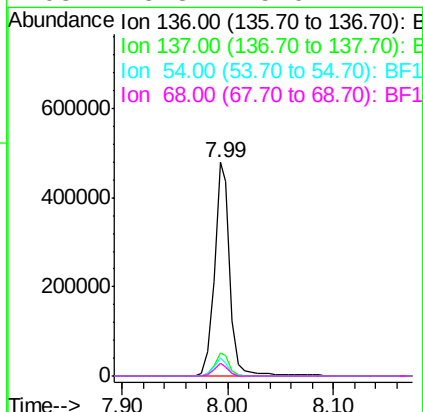
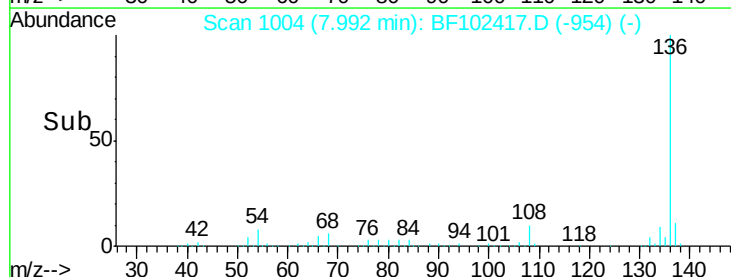
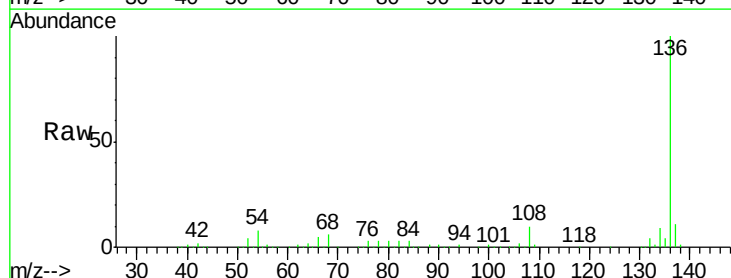
Instrument :
BNA_F
ClientSampleId :
PB105903BL

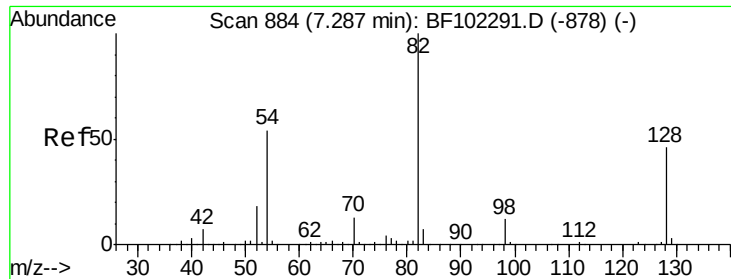
Tgt Ion: 70 Resp: 87732
Ion Ratio Lower Upper
70 100
42 54.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102417.D
Acq: 25 Jan 2018 11:11

Tgt Ion: 136 Resp: 496490
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.3 6.6 9.8
68 5.8 5.0 7.4

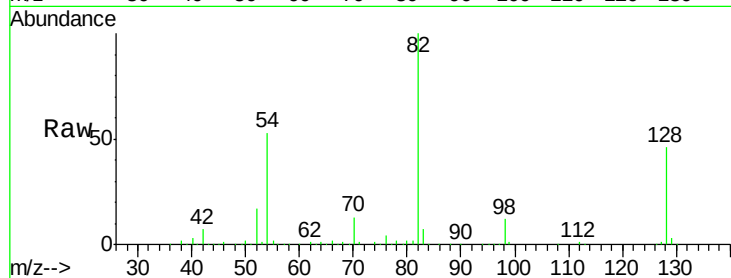




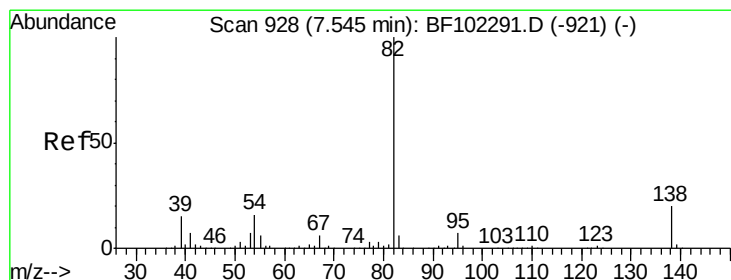
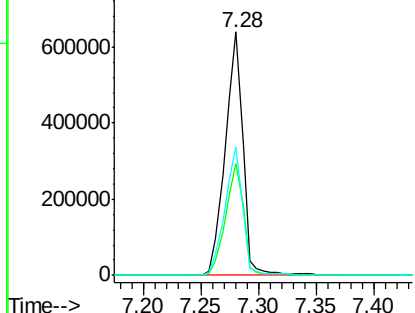
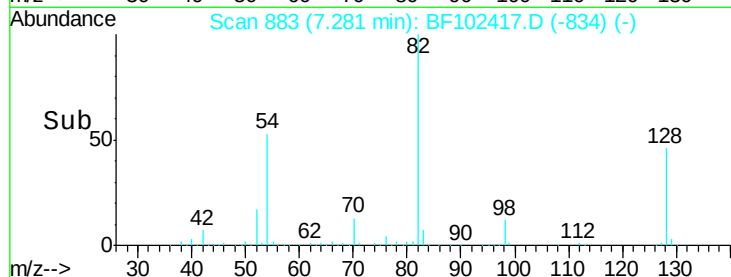
#23
 Nitrobenzene-d5
 Concen: 78.903 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102417.D
 Acq: 25 Jan 2018 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB105903BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	52.6	41.4	62.2

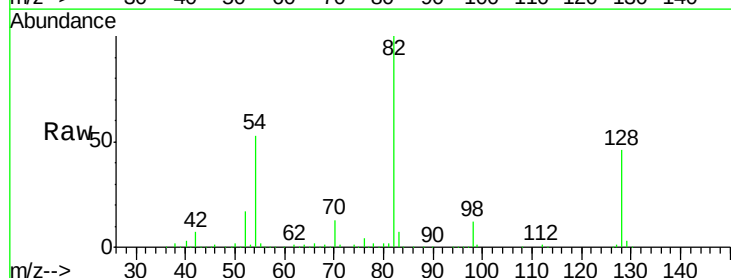


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

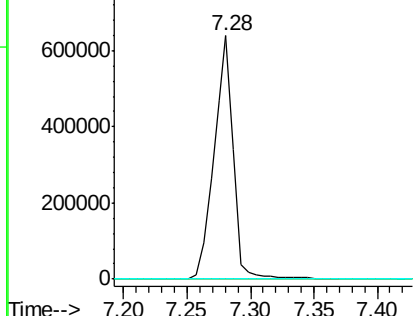
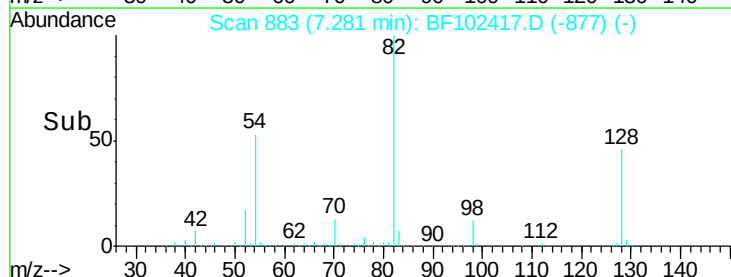


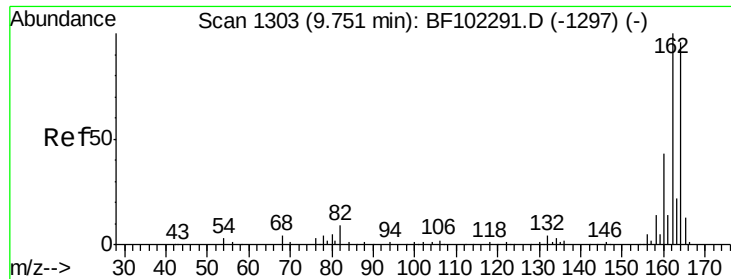
#25
 Isophorone
 Concen: 44.061 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF102417.D
 Acq: 25 Jan 2018 11:11

Tgt 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: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102417.D

Acq: 25 Jan 2018 11:11

Instrument :

BNA_F

ClientSampleId :

PB105903BL

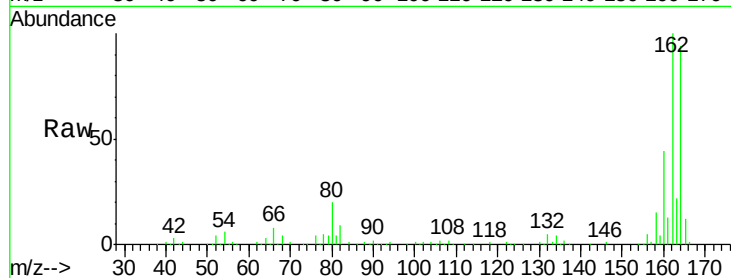
Tgt Ion:164 Resp: 220673

Ion Ratio Lower Upper

164 100

162 105.9 86.1 129.1

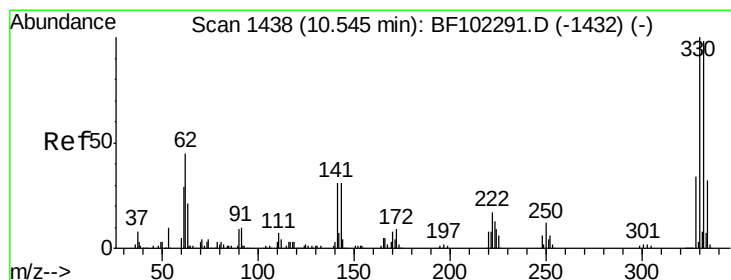
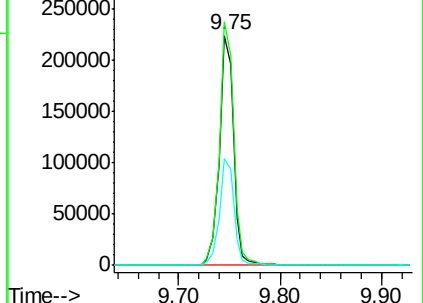
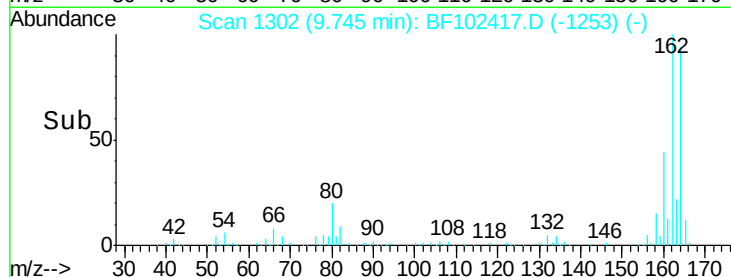
160 46.2 38.3 57.5



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: 106.380 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102417.D

Acq: 25 Jan 2018 11:11

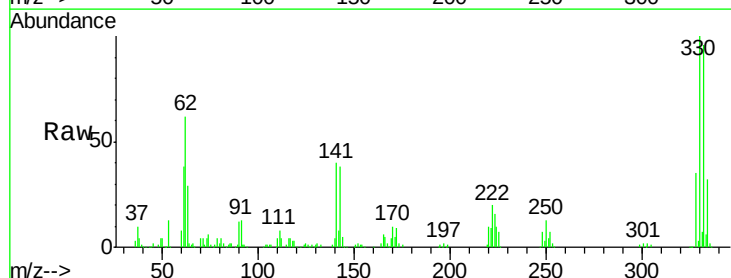
Tgt Ion:330 Resp: 232605

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

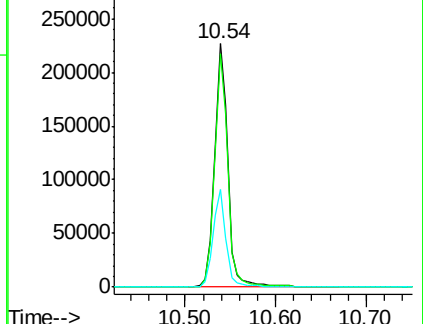
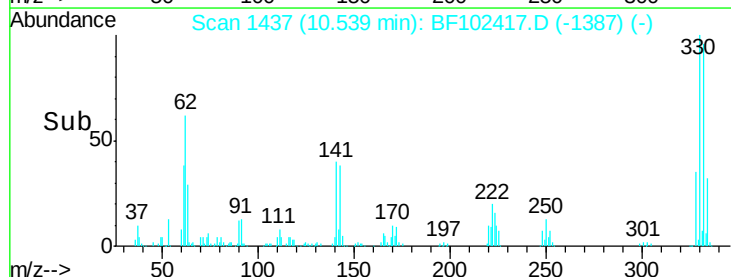
141 39.6 29.9 44.9

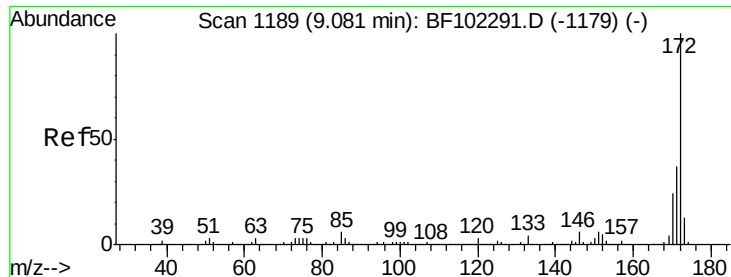


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

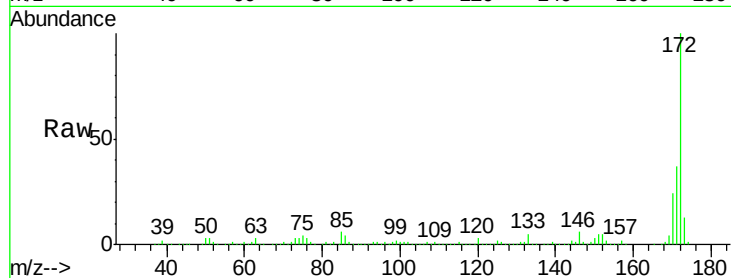




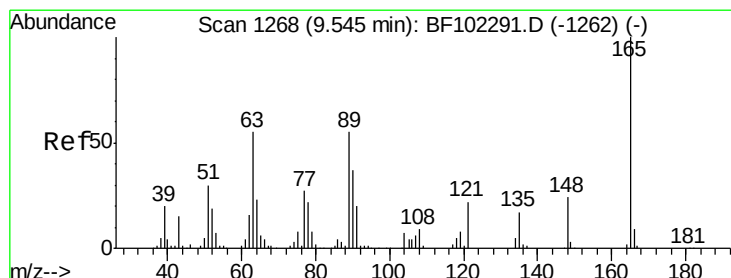
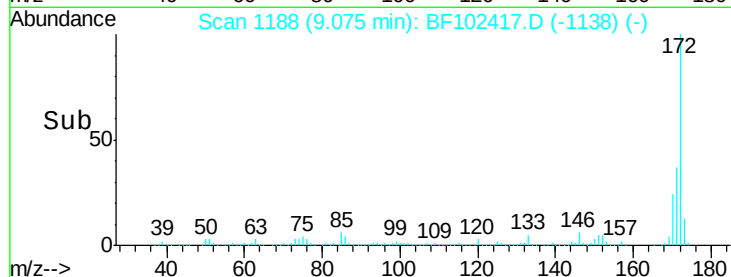
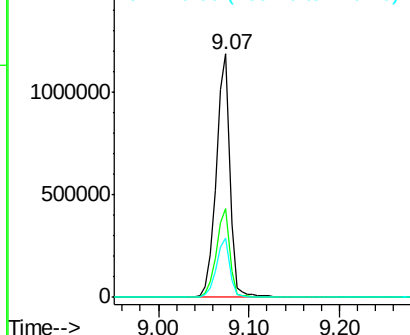
#44
 2-Fluorobiphenyl
 Concen: 82.543 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102417.D
 Acq: 25 Jan 2018 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB105903BL

Tgt Ion:172 Resp: 1238819
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.2 19.6 29.4

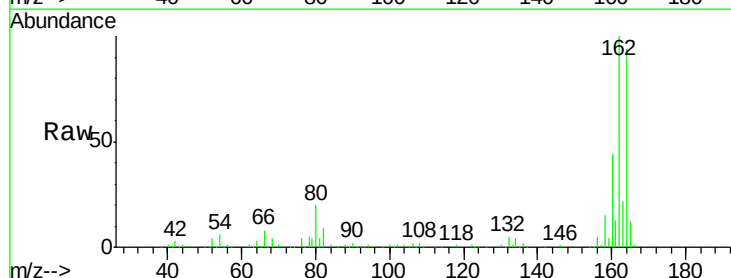


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

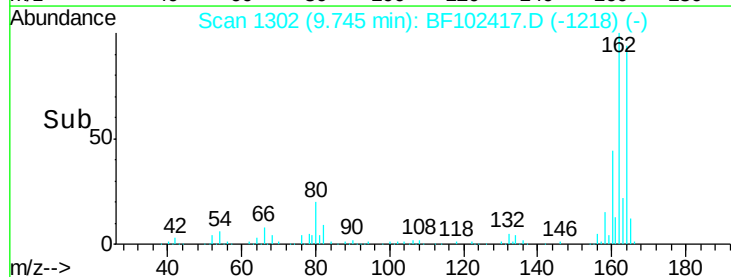
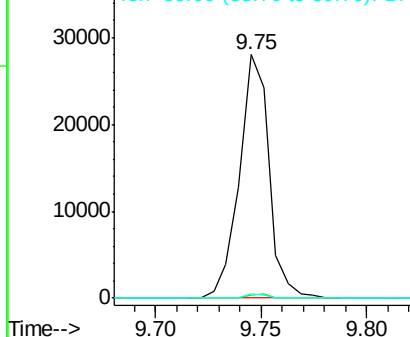


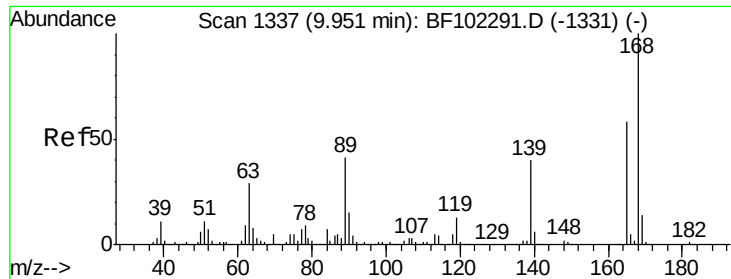
#50
 2,6-Dinitrotoluene
 Concen: 6.933 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.19 min
 Lab File: BF102417.D
 Acq: 25 Jan 2018 11:11

Tgt Ion:165 Resp: 27265
 Ion Ratio Lower Upper
 165 100
 63 1.2 44.7 67.1#
 89 1.6 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

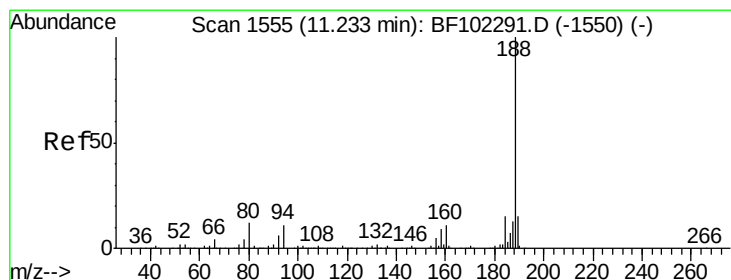
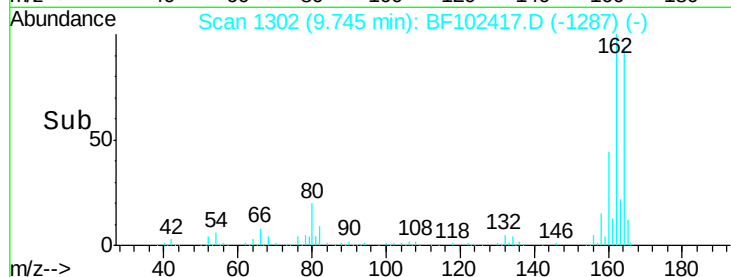
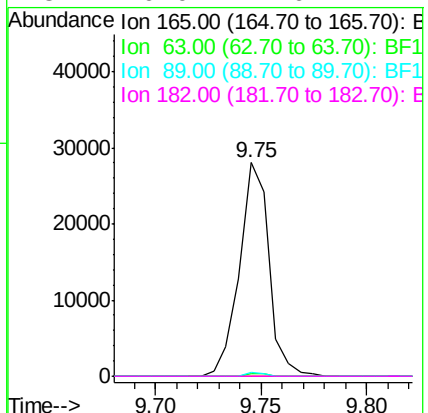
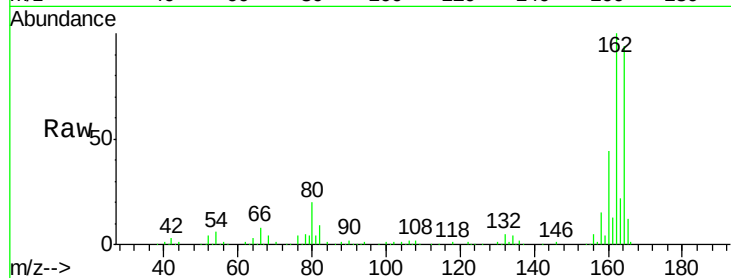




#56
 2,4-Dinitrotoluene
 Concen: 5.638 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102417.D
 Acq: 25 Jan 2018 11:11

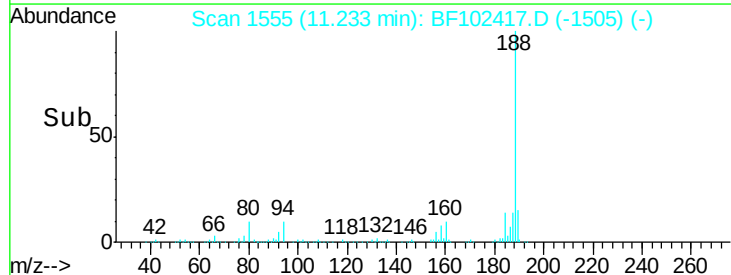
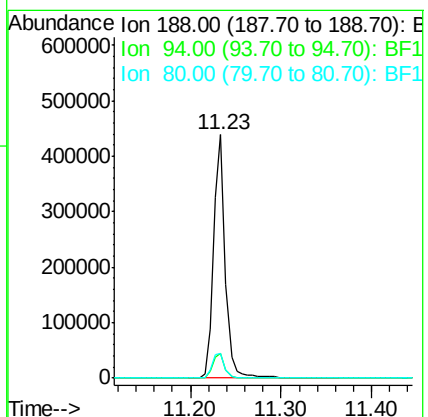
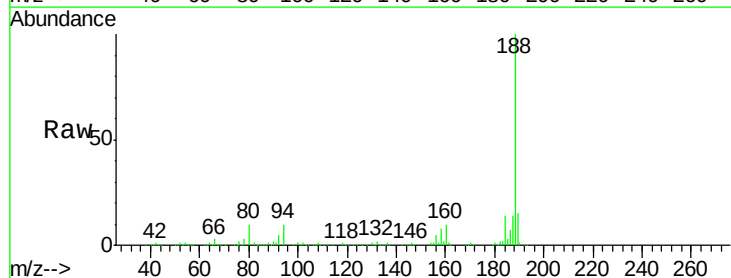
Instrument :
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 PB105903BL

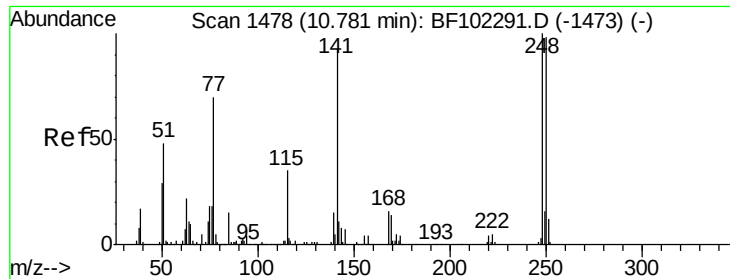
Tgt Ion:	165	Resp:	27265
Ion Ratio	Lower	Upper	
165	100		
63	1.2	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102417.D
 Acq: 25 Jan 2018 11:11

Tgt Ion:	188	Resp:	394949
Ion Ratio	Lower	Upper	
188	100		
94	10.1	8.5	12.7
80	10.1	9.2	13.8

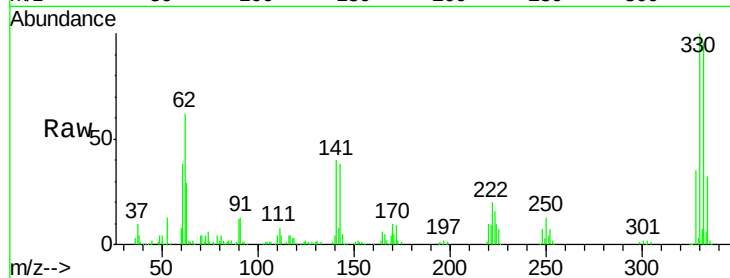




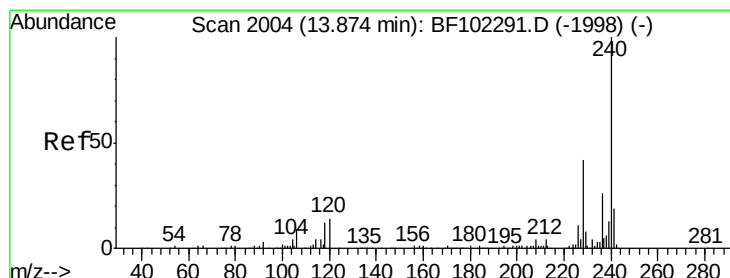
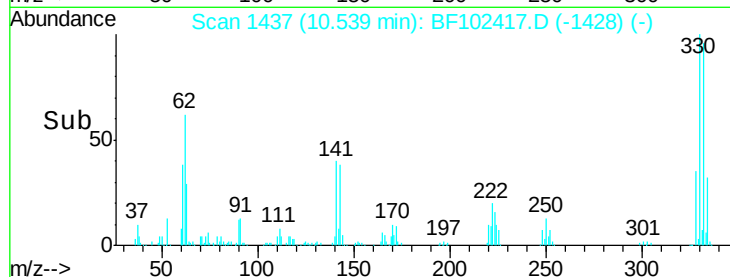
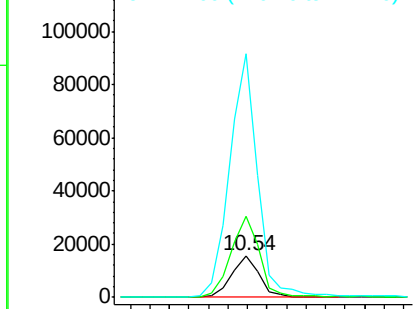
#66
 4-Bromophenyl-phenylether
 Concen: 3.659 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF102417.D
 Acq: 25 Jan 2018 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB105903BL

Tgt Ion: 248 Resp: 15557
 Ion Ratio Lower Upper
 248 100
 250 193.2 76.9 115.3#
 141 584.6 74.4 111.6#

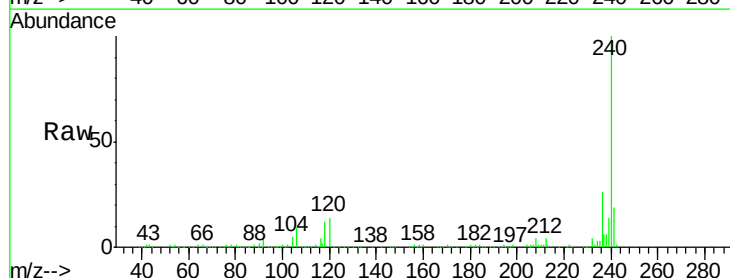


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

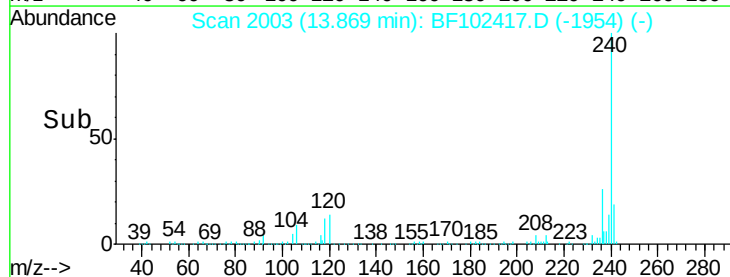
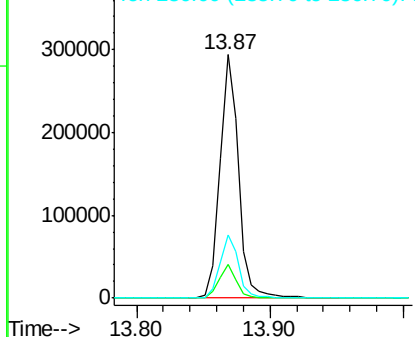


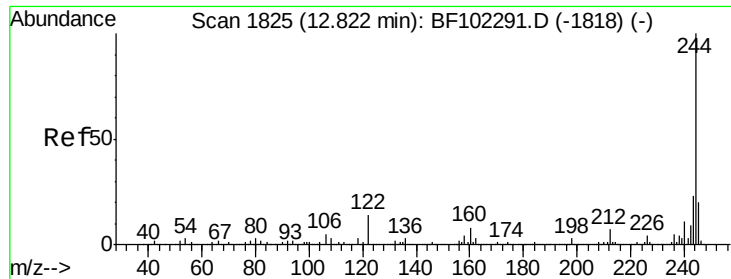
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF102417.D
 Acq: 25 Jan 2018 11:11

Tgt Ion: 240 Resp: 289161
 Ion Ratio Lower Upper
 240 100
 120 13.9 9.5 14.3
 236 26.0 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

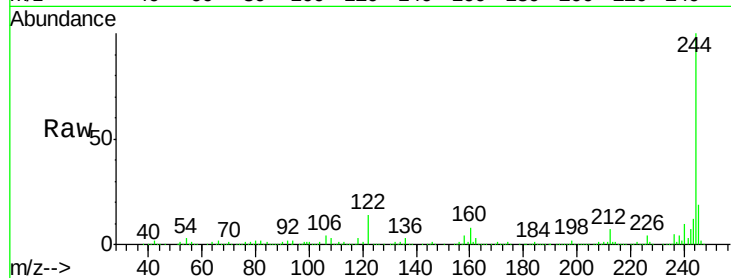




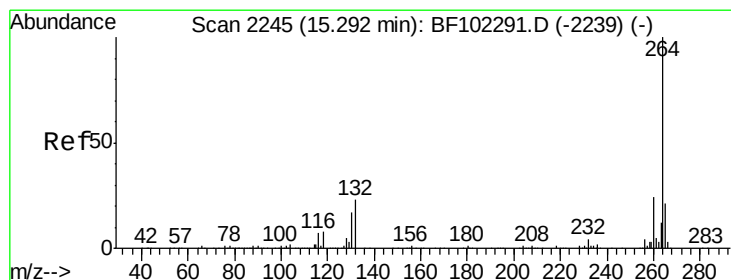
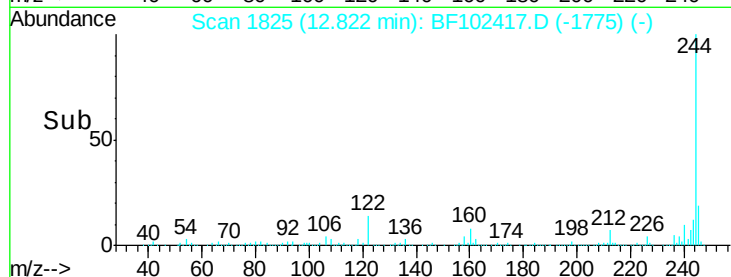
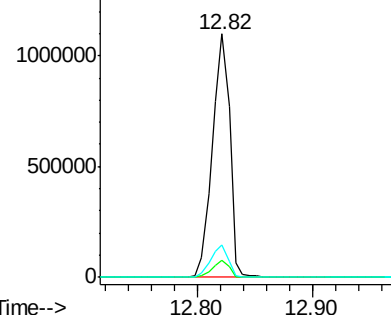
#78
 Terphenyl-d14
 Concen: 89.540 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102417.D
 Acq: 25 Jan 2018 11:11

Instrument :
 BNA_F
 ClientSampled :
 PB105903BL

Tgt Ion:244 Resp: 1148502
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.6 11.0 16.4

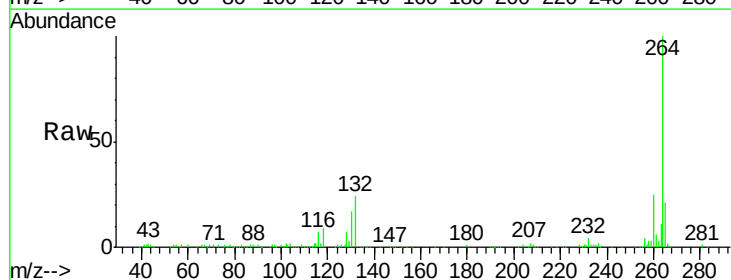


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BF102417.D
 Acq: 25 Jan 2018 11:11

Tgt Ion:264 Resp: 226257
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 20.9 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

