

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085303.D
 Acq On : 9 Mar 2016 17:13
 Operator : UM/SJ
 Sample : H1623-04RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-31-022516

Quant Time: Mar 09 23:49:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

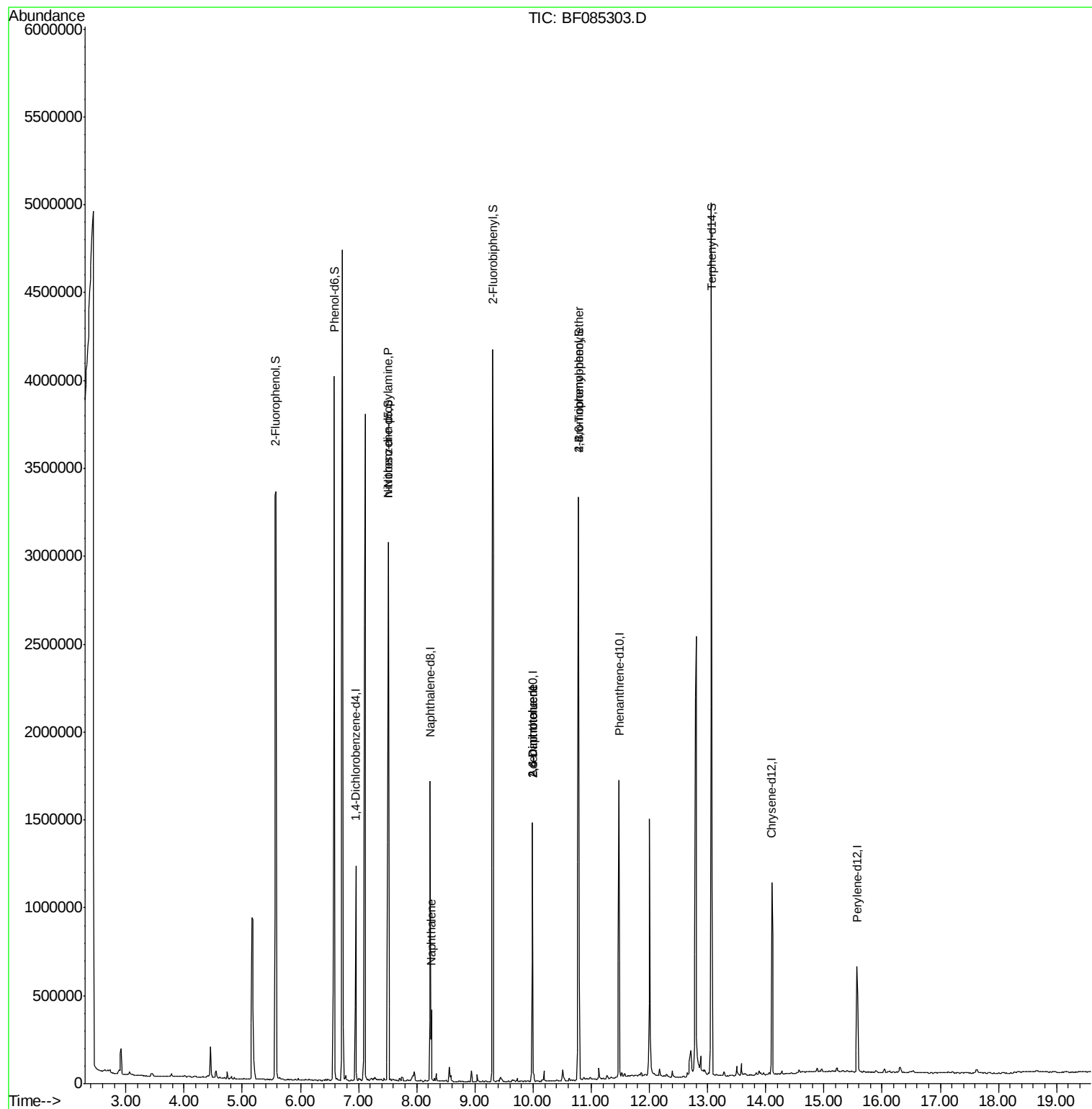
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	195461	20.00	ng	-0.03
21) Naphthalene-d8	8.23	136	738354	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	329748	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	663490	20.00	ng	-0.03
75) Chrysene-d12	14.11	240	486360	20.00	ng	-0.05
86) Perylene-d12	15.57	264	297276	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1632921	140.13	ng	0.00
7) Phenol-d6	6.58	99	1825505	119.57	ng	-0.02
23) Nitrobenzene-d5	7.51	82	1194369	86.56	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	480249	170.21	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	2010016	92.70	ng	-0.05
78) Terphenyl-d14	13.06	244	1904428	90.90	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	160848	16.17	ng	# 77
31) Naphthalene	8.25	128	186416	5.13	ng	97
50) 2,6-Dinitrotoluene	9.99	165	42978	7.94	ng	# 26
56) 2,4-Dinitrotoluene	9.99	165	42970	6.20	ng	# 22
66) 4-Bromophenyl-phenylether	10.78	248	32400	5.03	ng	# 1

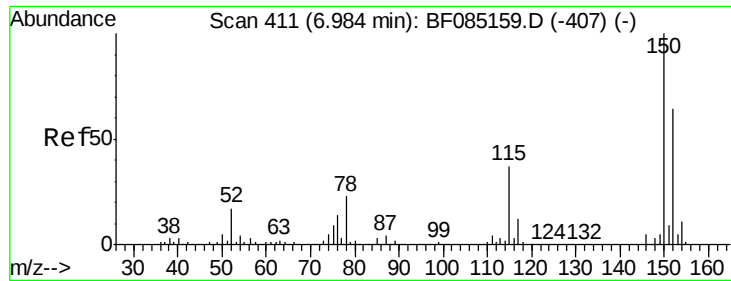
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF085303.D

Acq: 9 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

HSR-WC-31-022516

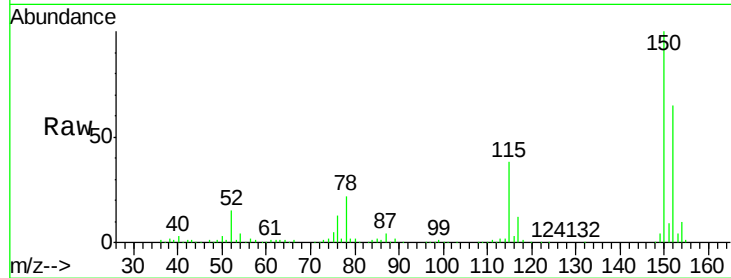
Tgt Ion:152 Resp: 195461

Ion Ratio Lower Upper

152 100

150 154.3 124.6 186.8

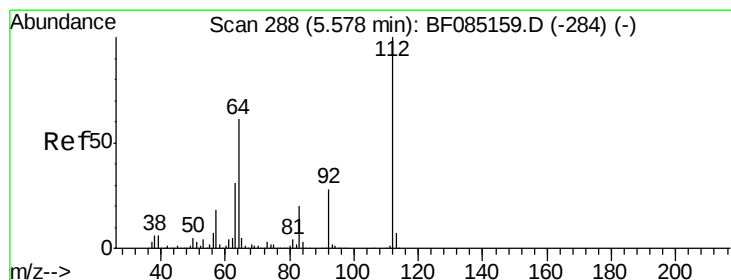
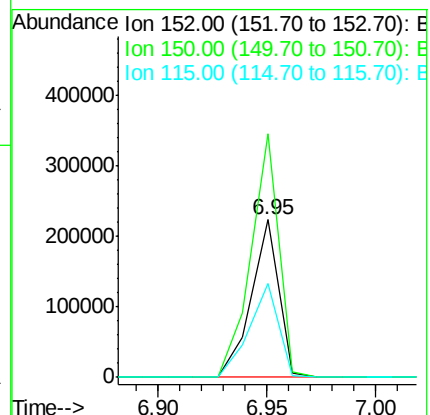
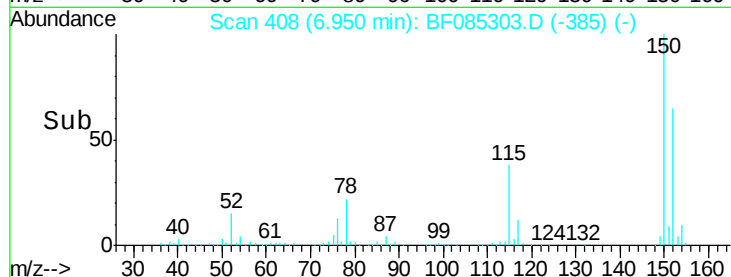
115 59.2 46.6 70.0



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: 140.13 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085303.D

Acq: 9 Mar 2016 17:13

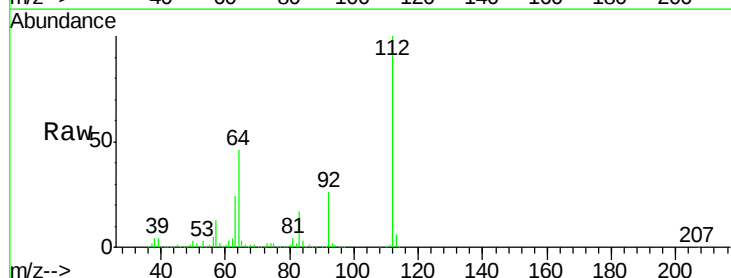
Tgt Ion:112 Resp: 1632921

Ion Ratio Lower Upper

112 100

64 46.2 49.0 73.4#

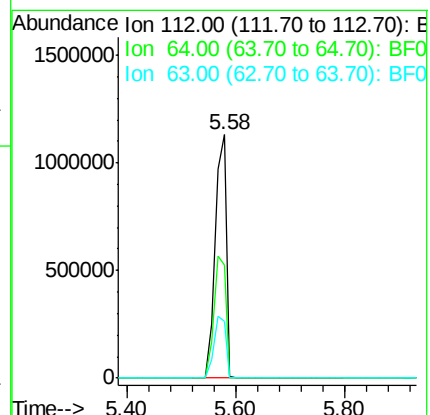
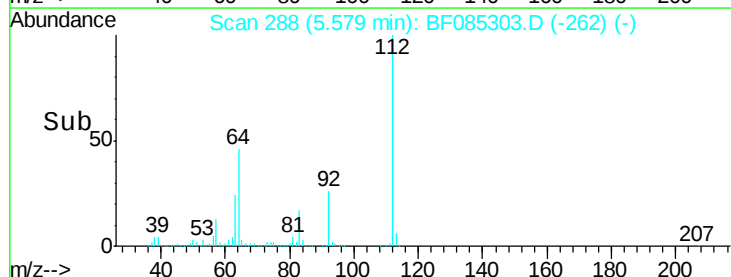
63 23.5 24.8 37.2#

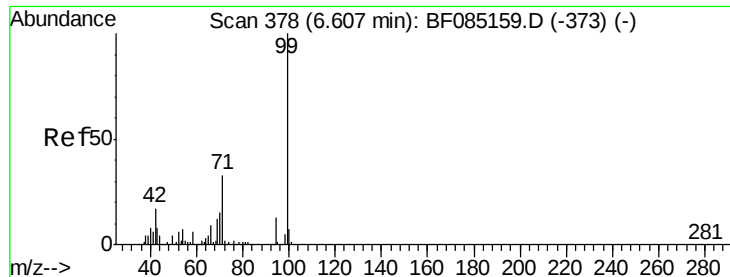


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.57 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085303.D

Acq: 9 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

HSR-WC-31-022516

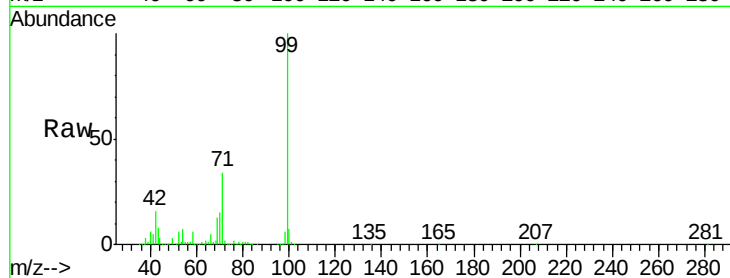
Tgt Ion: 99 Resp: 1825505

Ion Ratio Lower Upper

99 100

42 15.6 13.6 20.4

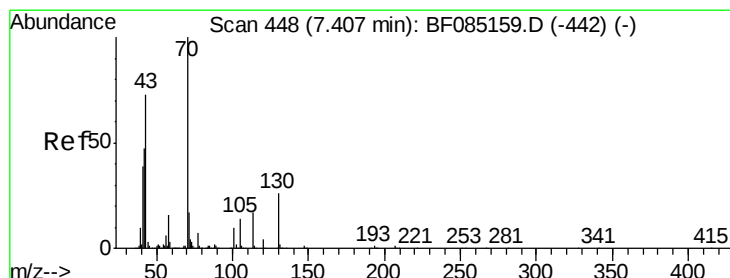
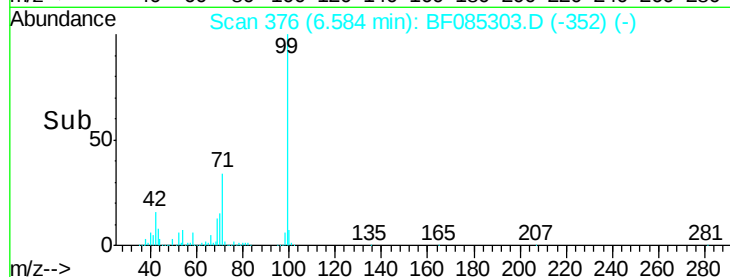
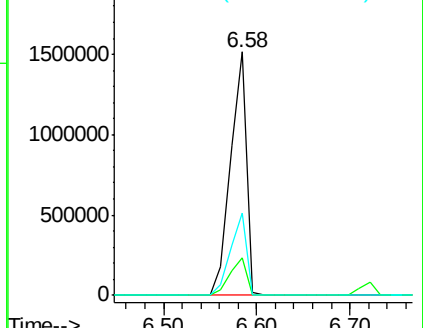
71 34.0 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 16.17 ng

RT: 7.51 min Scan# 457

Delta R.T. 0.10 min

Lab File: BF085303.D

Acq: 9 Mar 2016 17:13

Tgt Ion: 70 Resp: 160848

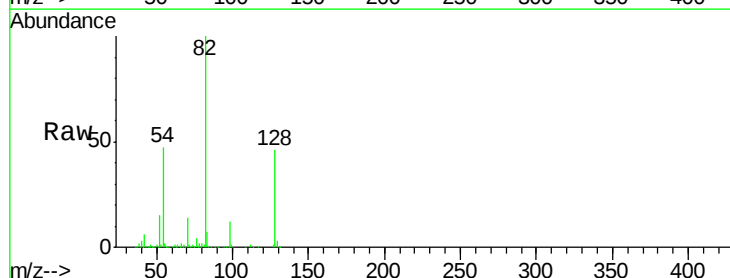
Ion Ratio Lower Upper

70 100

42 41.1 37.7 56.5

101 0.0 8.2 12.4#

130 2.4 20.5 30.7#

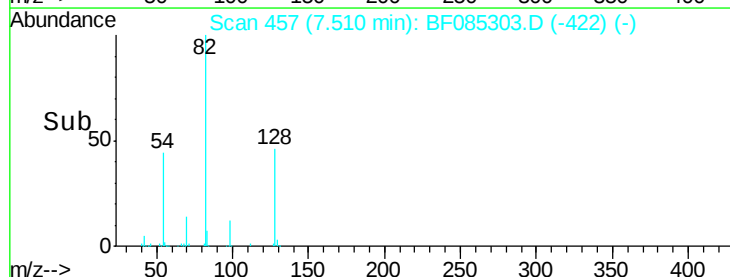
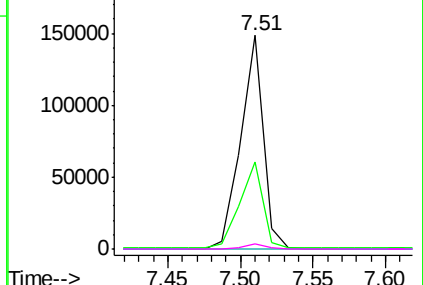


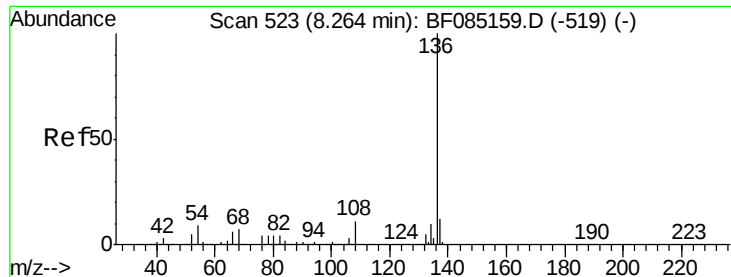
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

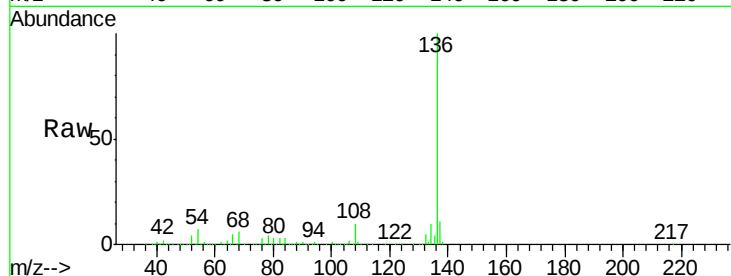




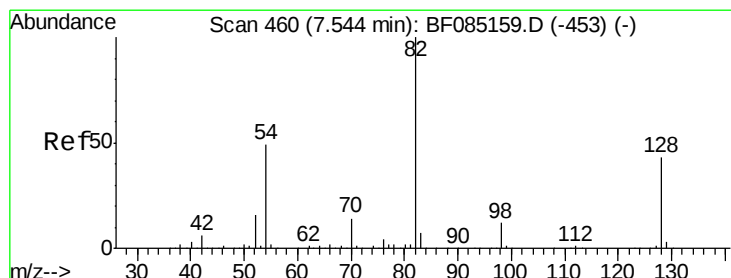
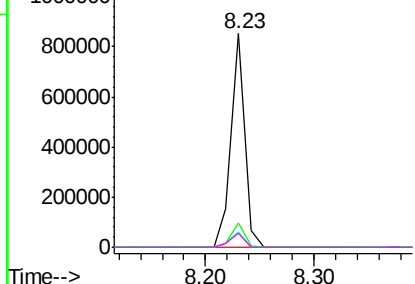
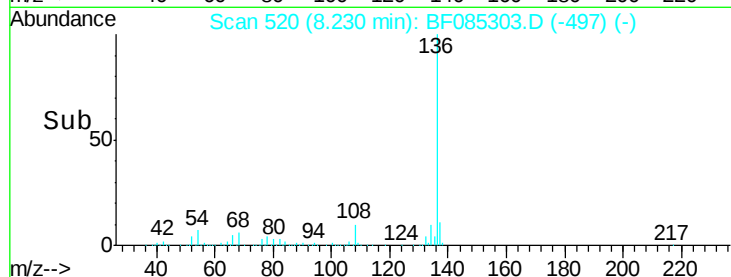
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF085303.D
Acq: 9 Mar 2016 17:13

Instrument :
BNA_F
ClientSampleId :
HSR-WC-31-022516

Tgt Ion:	136	Resp:	738354
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	7.3	7.4	11.2#
68	6.3	6.0	9.0

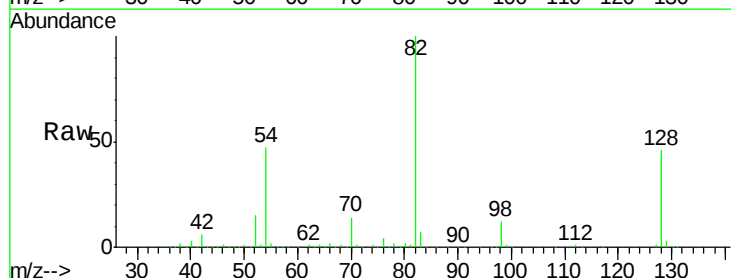


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

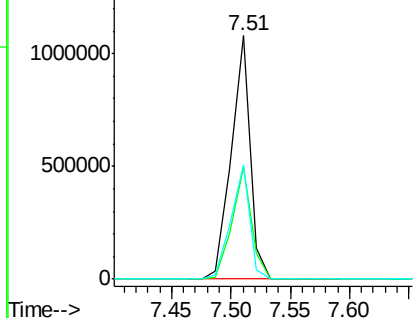
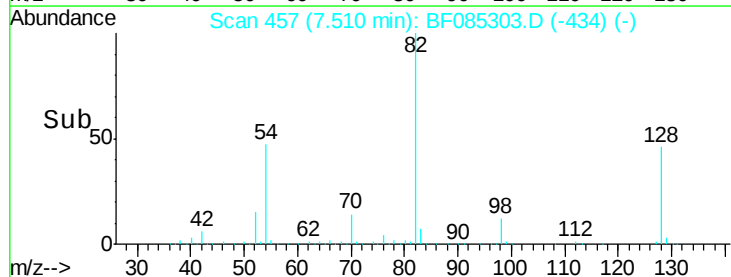


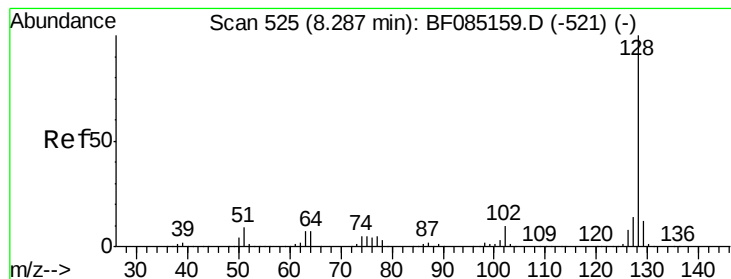
#23
Nitrobenzene-d5
Concen: 86.56 ng
RT: 7.51 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF085303.D
Acq: 9 Mar 2016 17:13

Tgt Ion:	82	Resp:	1194369
Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.5	51.7
54	47.0	39.3	58.9



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 5.13 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF085303.D

Acq: 9 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

HSR-WC-31-022516

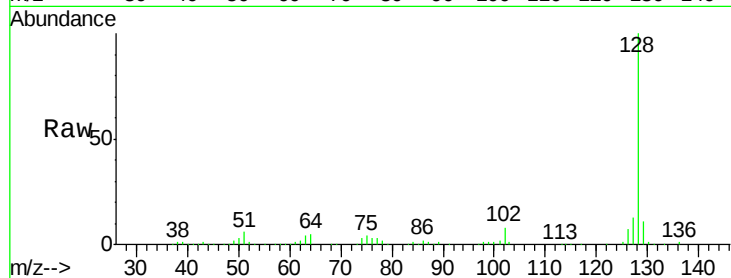
Tgt Ion:128 Resp: 186416

Ion Ratio Lower Upper

128 100

129 10.6 9.7 14.5

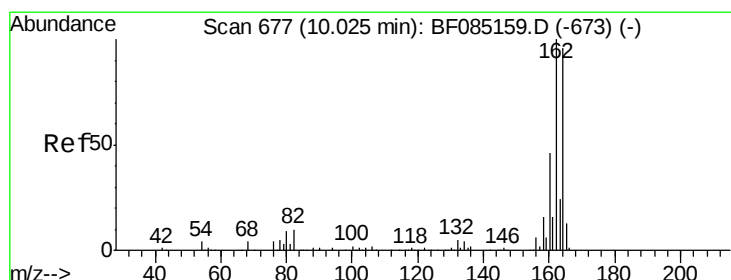
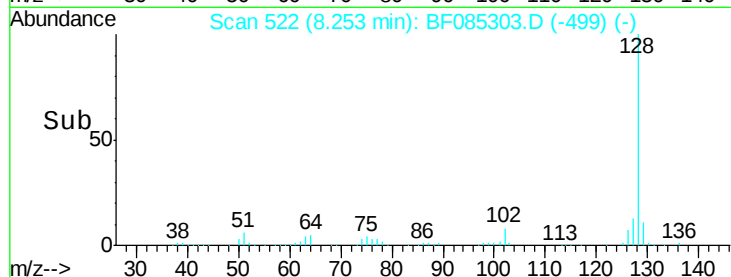
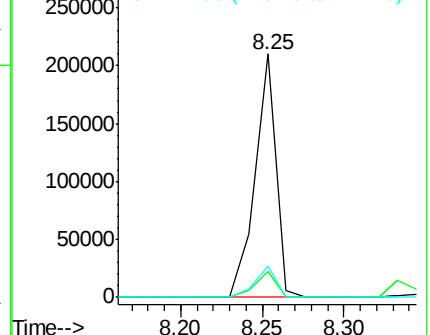
127 13.0 11.2 16.8



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.99 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF085303.D

Acq: 9 Mar 2016 17:13

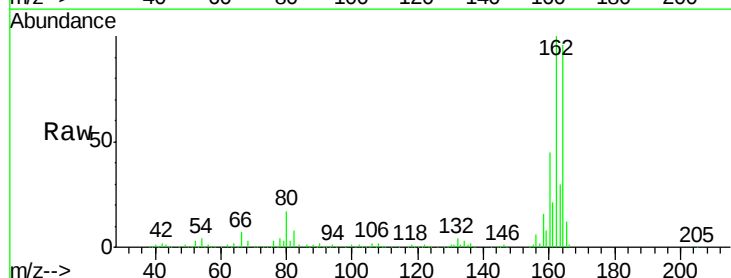
Tgt Ion:164 Resp: 329748

Ion Ratio Lower Upper

164 100

162 104.2 83.3 124.9

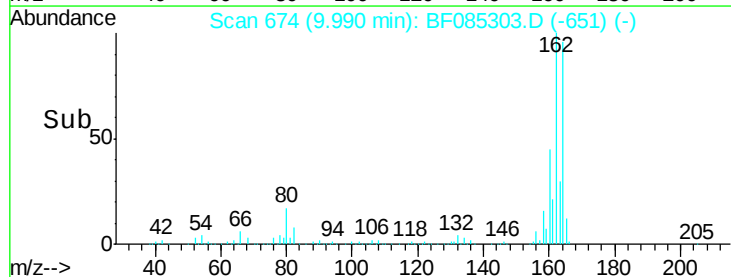
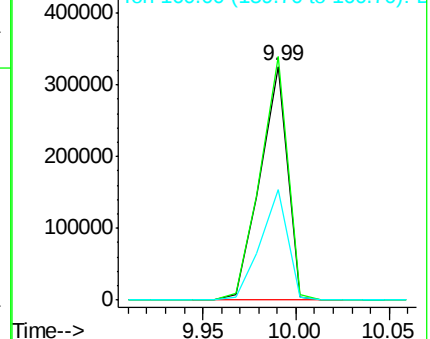
160 47.1 37.9 56.9

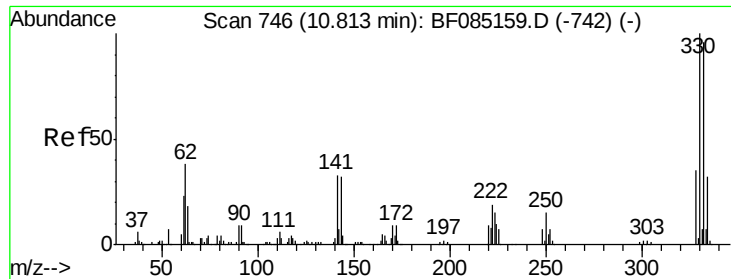


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

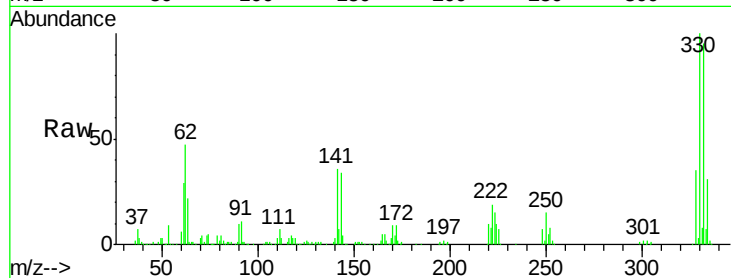




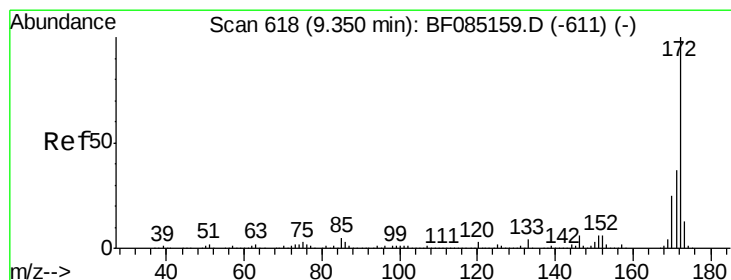
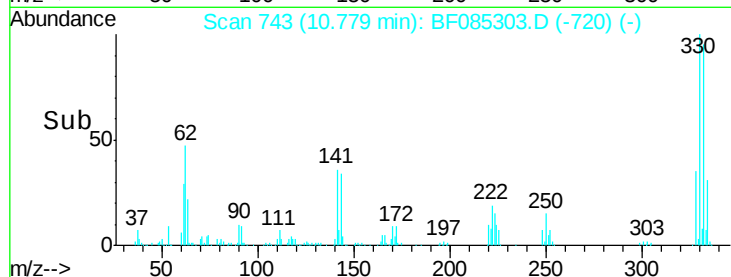
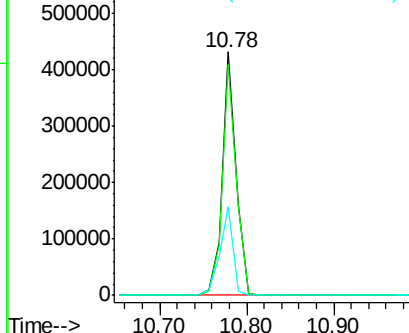
#41
 2,4,6-Tribromophenol
 Concen: 170.21 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.03 min
 Lab File: BF085303.D
 Acq: 9 Mar 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-31-022516

Tgt Ion:330 Resp: 480249
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.1 115.7
 141 34.8 35.0 52.6#

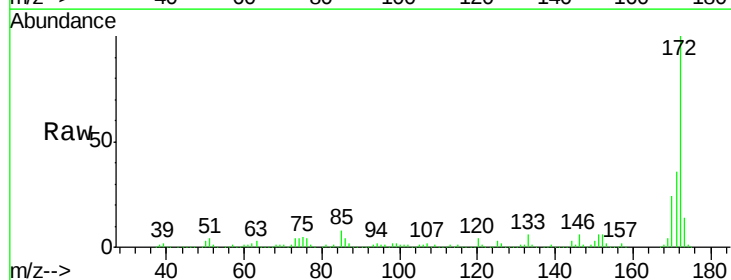


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

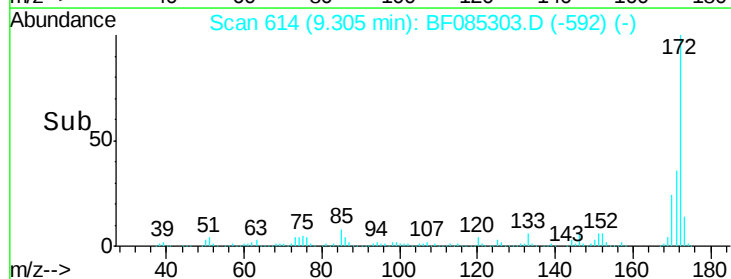
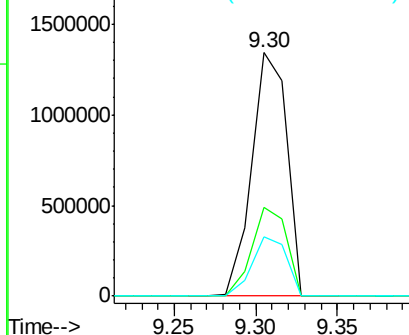


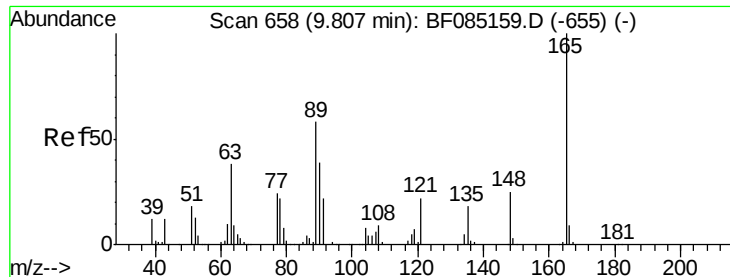
#44
 2-Fluorobiphenyl
 Concen: 92.70 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085303.D
 Acq: 9 Mar 2016 17:13

Tgt Ion:172 Resp: 2010016
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.3 43.9
 170 24.3 20.0 30.0



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

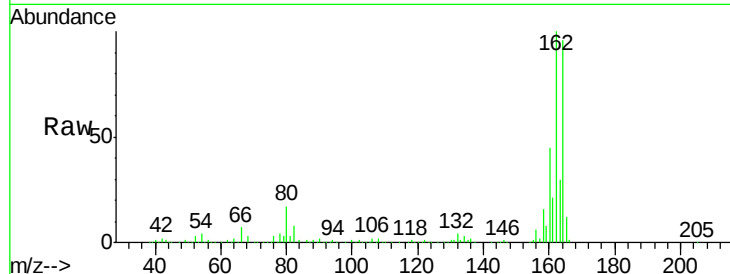




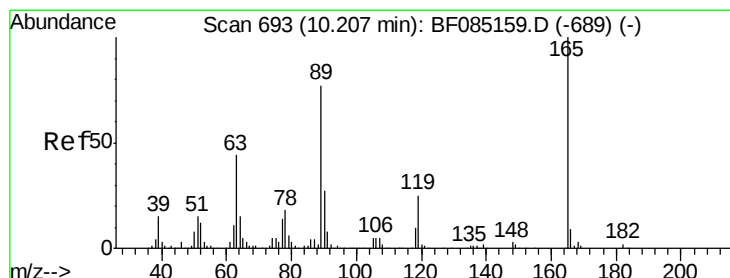
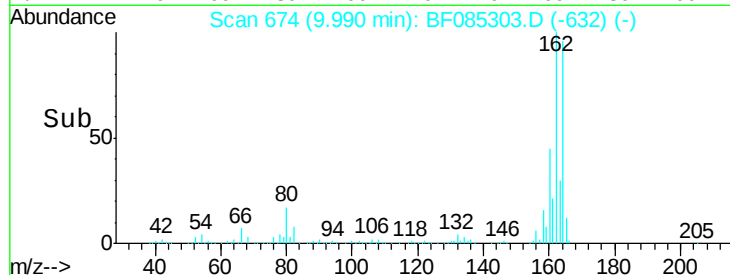
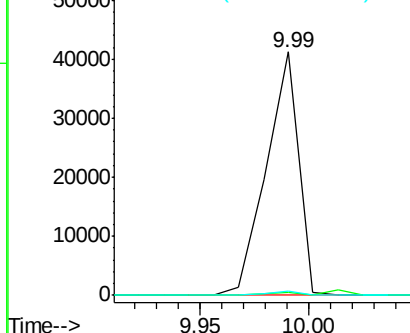
#50
 2,6-Dinitrotoluene
 Concen: 7.94 ng
 RT: 9.99 min Scan# 674
 Delta R.T. 0.18 min
 Lab File: BF085303.D
 Acq: 9 Mar 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-31-022516

Tgt Ion:165 Resp: 42978
 Ion Ratio Lower Upper
 165 100
 63 1.4 41.8 62.8#
 89 1.9 46.7 70.1#



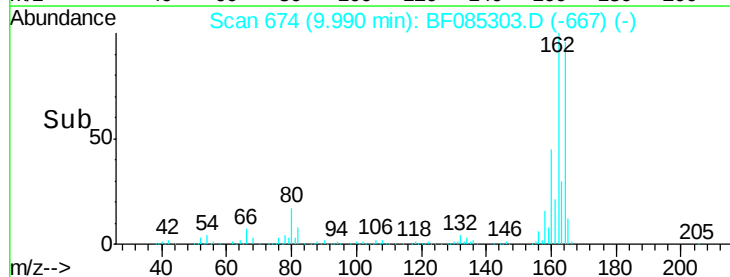
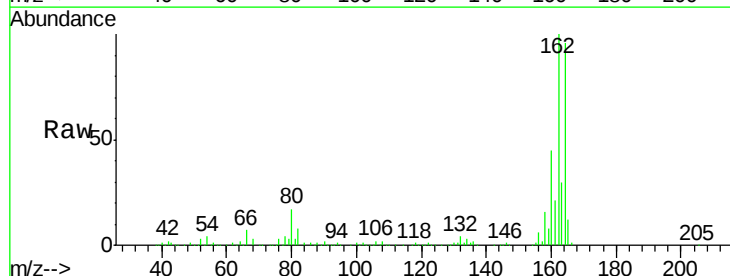
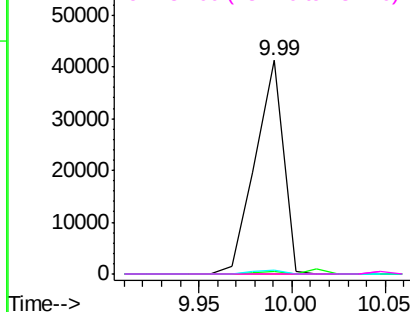
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

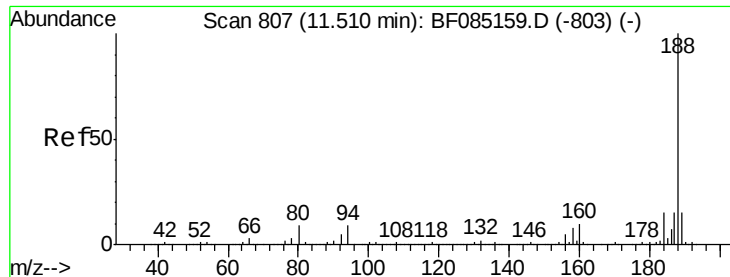


#56
 2,4-Dinitrotoluene
 Concen: 6.20 ng
 RT: 9.99 min Scan# 674
 Delta R.T. -0.22 min
 Lab File: BF085303.D
 Acq: 9 Mar 2016 17:13

Tgt Ion:165 Resp: 42970
 Ion Ratio Lower Upper
 165 100
 63 1.4 35.4 53.0#
 89 1.9 61.9 92.9#
 182 0.0 1.9 2.9#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

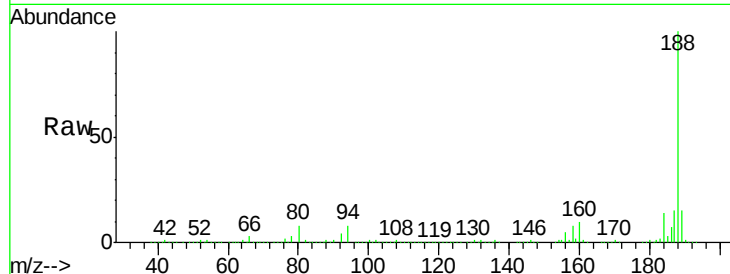




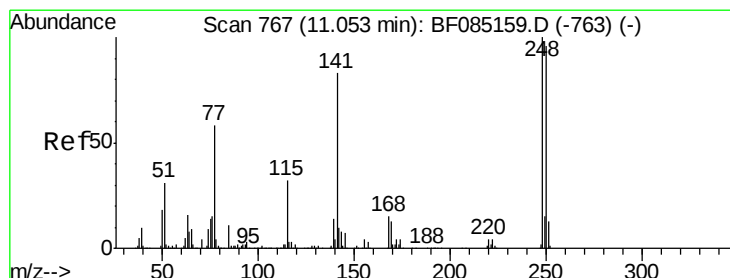
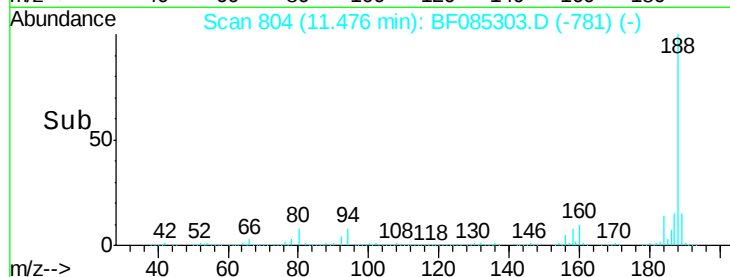
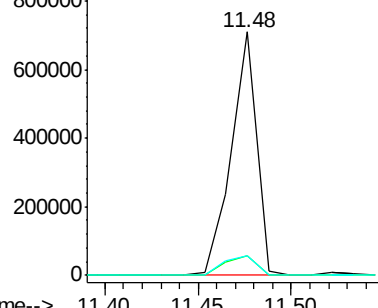
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF085303.D
Acq: 9 Mar 2016 17:13

Instrument :
BNA_F
ClientSampleId :
HSR-WC-31-022516

Tgt Ion:188 Resp: 663490
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 8.3 7.4 11.0

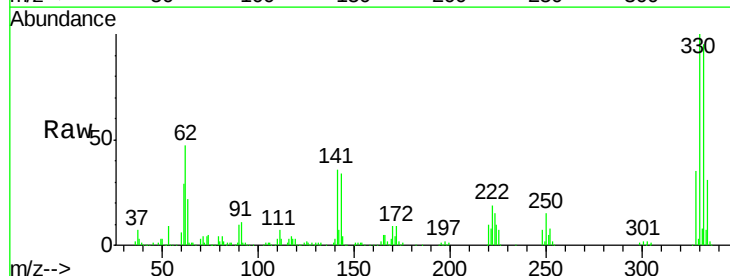


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

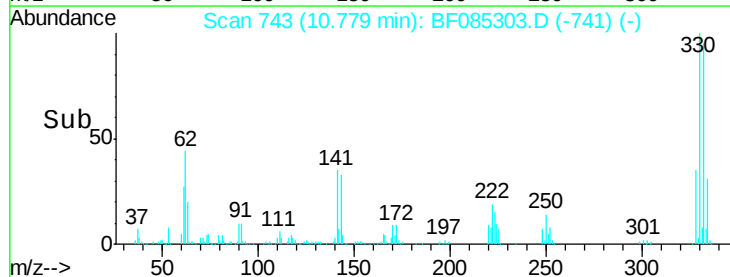
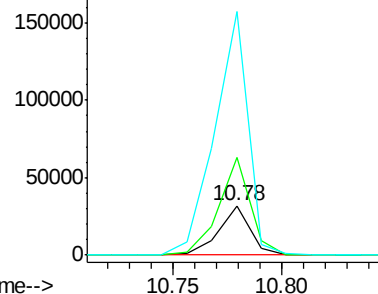


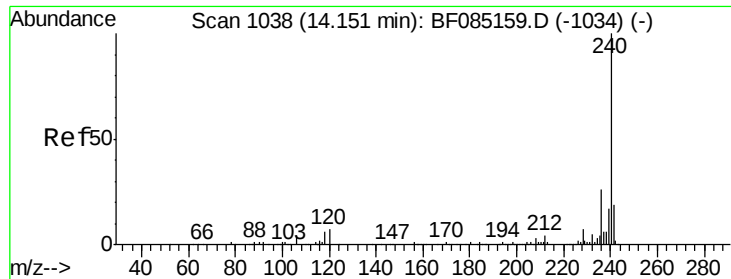
#66
4-Bromophenyl-phenylether
Concen: 5.03 ng
RT: 10.78 min Scan# 743
Delta R.T. -0.27 min
Lab File: BF085303.D
Acq: 9 Mar 2016 17:13

Tgt Ion:248 Resp: 32400
Ion Ratio Lower Upper
248 100
250 197.3 77.1 115.7#
141 489.9 66.2 99.2#



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: 20.00 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085303.D

Acq: 9 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

HSR-WC-31-022516

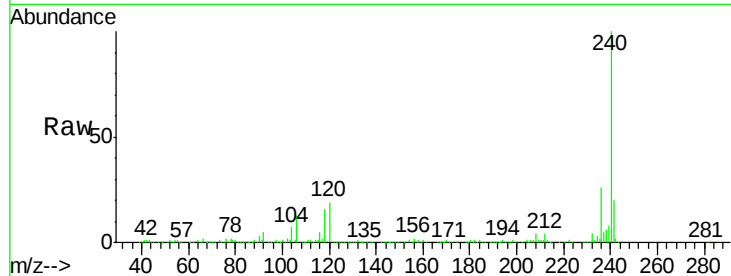
Tgt Ion:240 Resp: 486360

Ion Ratio Lower Upper

240 100

120 18.6 5.3 7.9#

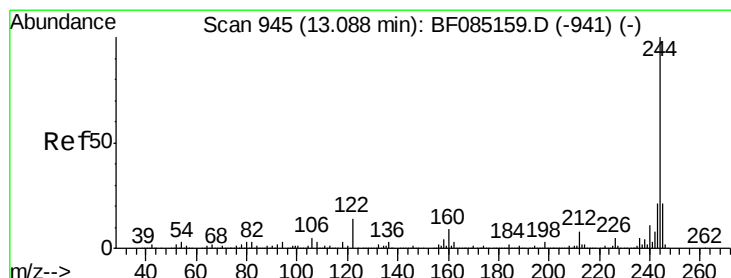
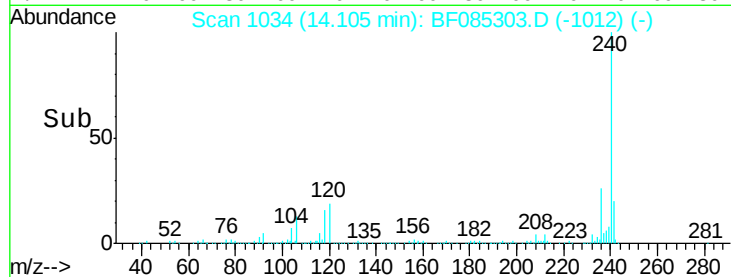
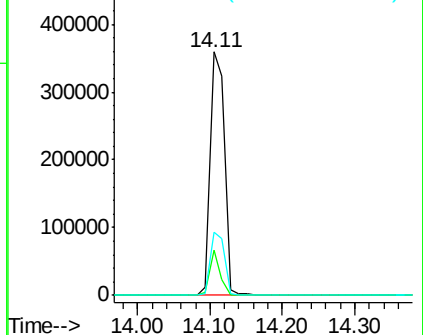
236 26.1 20.7 31.1



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: 90.90 ng

RT: 13.06 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF085303.D

Acq: 9 Mar 2016 17:13

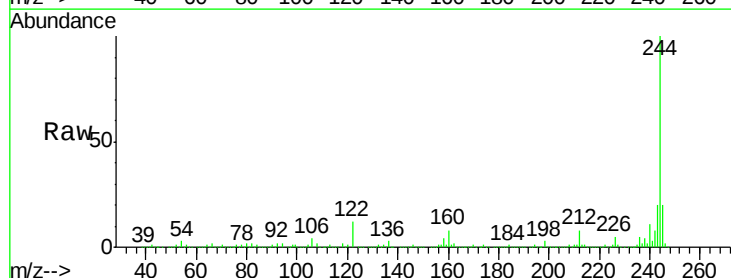
Tgt Ion:244 Resp: 1904428

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

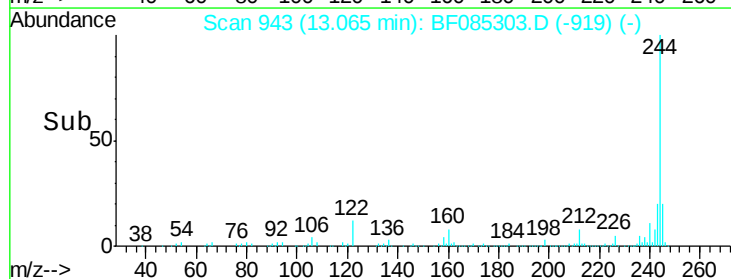
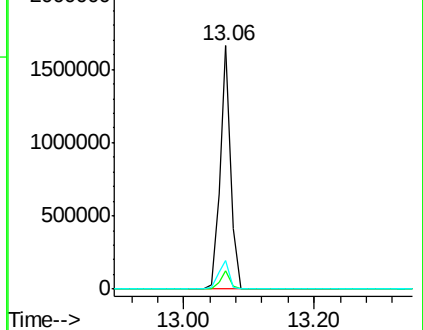
122 11.8 11.4 17.2

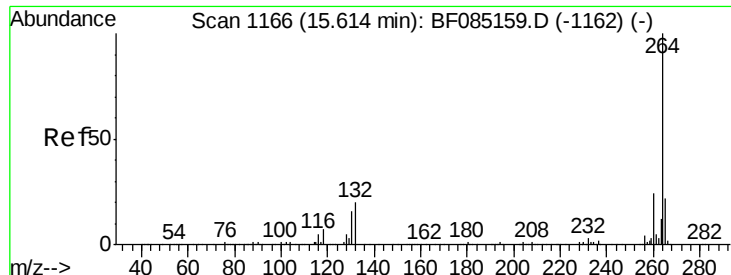


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085303.D
Acq: 9 Mar 2016 17:13

Instrument :
BNA_F
ClientSampleId :
HSR-WC-31-022516

Tgt Ion: 264 Resp: 297276
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.7 17.3 25.9

