

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085567.D
 Acq On : 19 Mar 2016 11:14
 Operator : UM/SJ
 Sample : H1782-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Quant Time: Mar 21 00:12:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

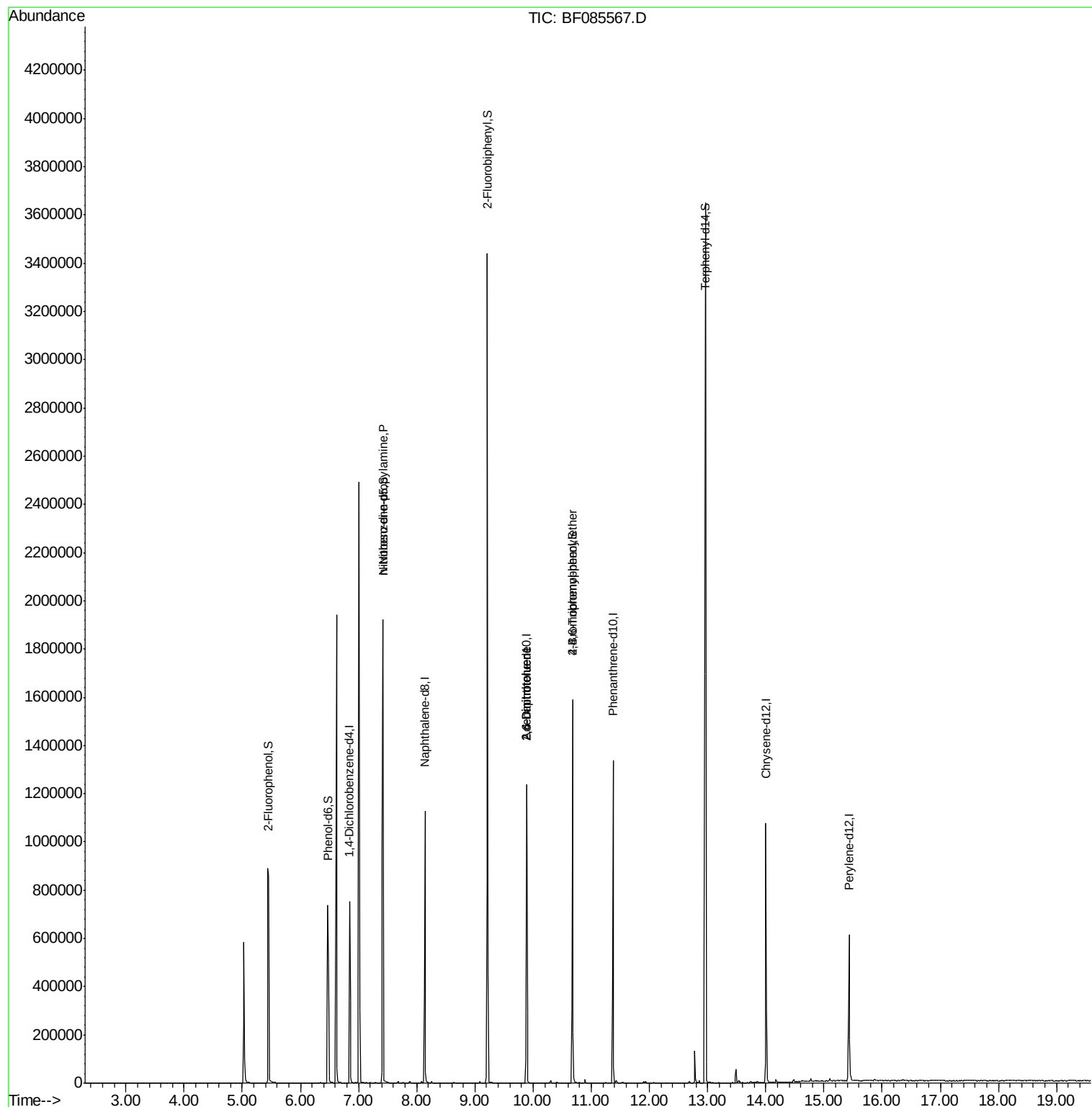
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	128557	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	546627	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	237123	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	487203	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	362699	20.00	ng	-0.01
86) Perylene-d12	15.43	264	276807	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	402140	52.54	ng	0.00
7) Phenol-d6	6.47	99	355303	36.19	ng	-0.02
23) Nitrobenzene-d5	7.42	82	738468	78.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	178591	76.89	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1098908	77.26	ng	-0.01
78) Terphenyl-d14	12.96	244	1269702	84.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	97951	16.70	ng	# 75
50) 2,6-Dinitrotoluene	9.89	165	30373	8.04	ng	# 19
56) 2,4-Dinitrotoluene	9.89	165	30374	6.14	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	12637	2.60	ng	# 1

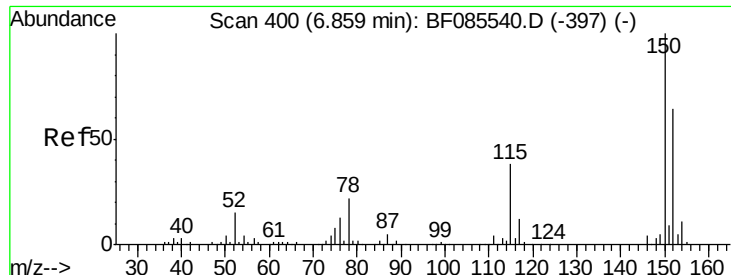
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085567.D

Acq: 19 Mar 2016 11:14

Instrument :

BNA_F

ClientSampleId :

TW-2

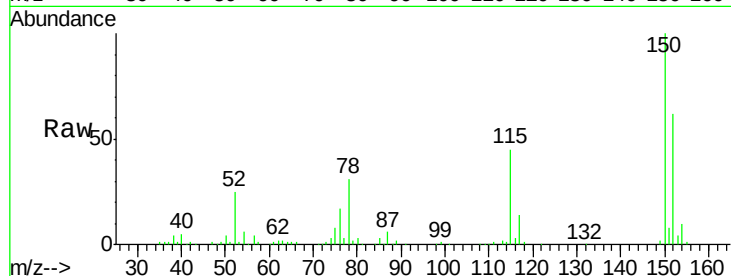
Tgt Ion:152 Resp: 128557

Ion Ratio Lower Upper

152 100

150 160.6 124.2 186.2

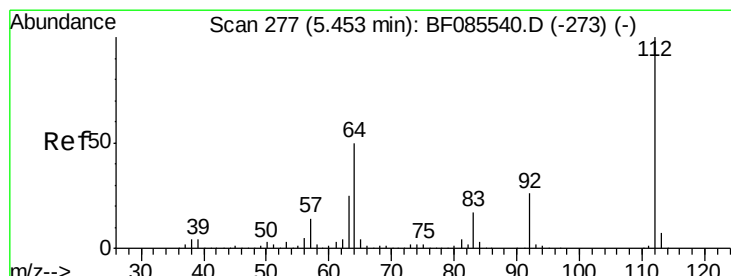
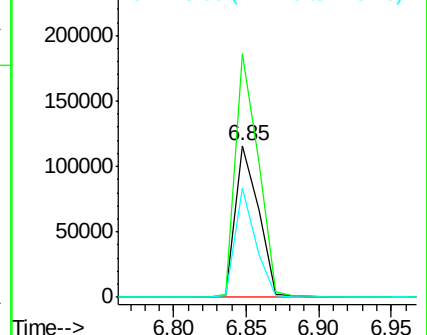
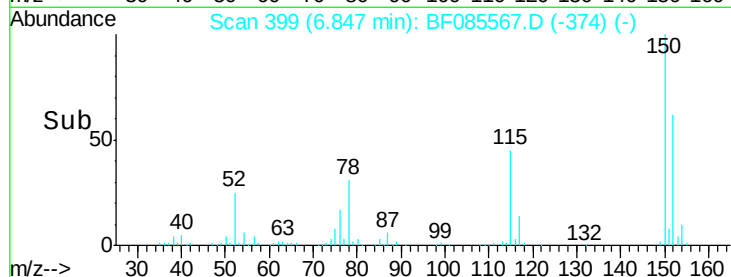
115 71.9 47.0 70.6#



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: 52.54 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085567.D

Acq: 19 Mar 2016 11:14

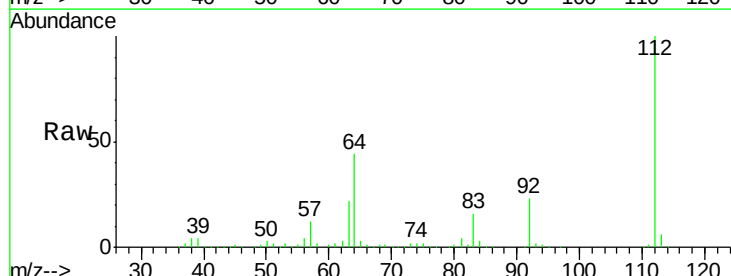
Tgt Ion:112 Resp: 402140

Ion Ratio Lower Upper

112 100

64 44.3 39.9 59.9

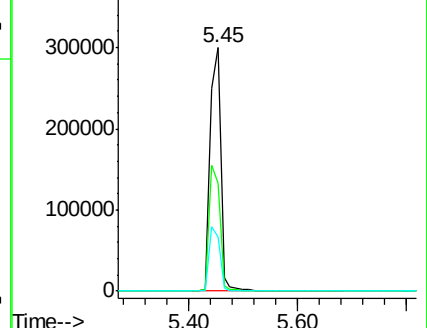
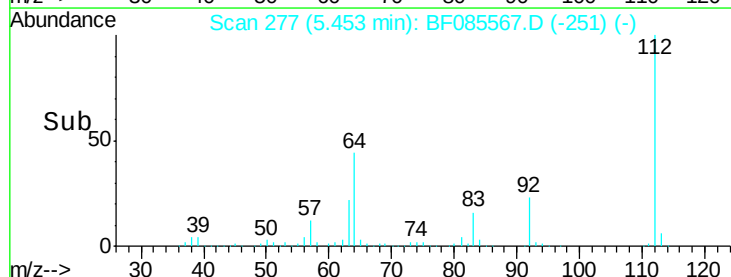
63 22.4 20.2 30.2

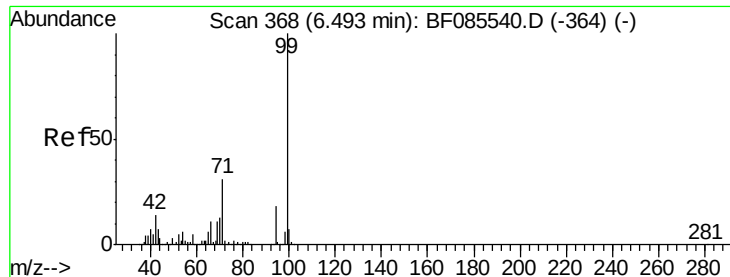


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.19 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085567.D

Acq: 19 Mar 2016 11:14

Instrument :

BNA_F

ClientSampleId :

TW-2

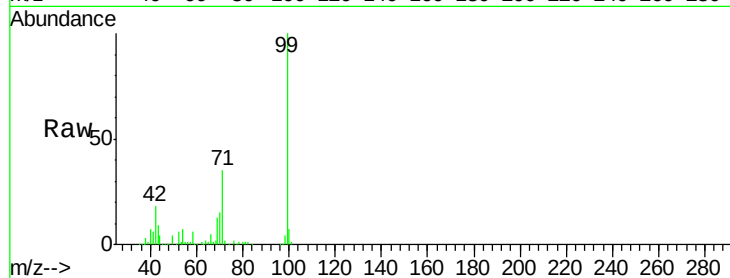
Tgt Ion: 99 Resp: 355303

Ion Ratio Lower Upper

99 100

42 17.8 11.1 16.7#

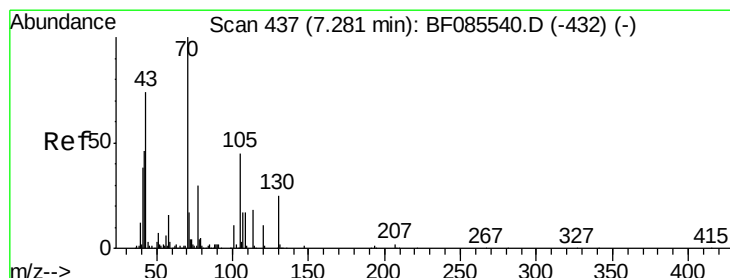
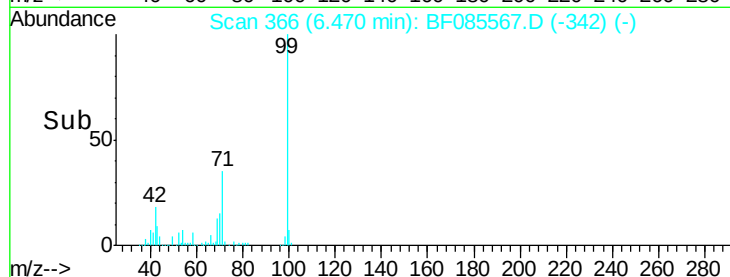
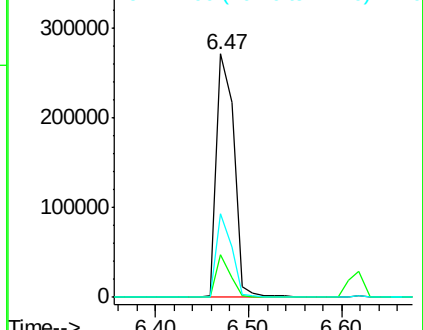
71 34.6 24.9 37.3



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: 16.70 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.14 min

Lab File: BF085567.D

Acq: 19 Mar 2016 11:14

Tgt Ion: 70 Resp: 97951

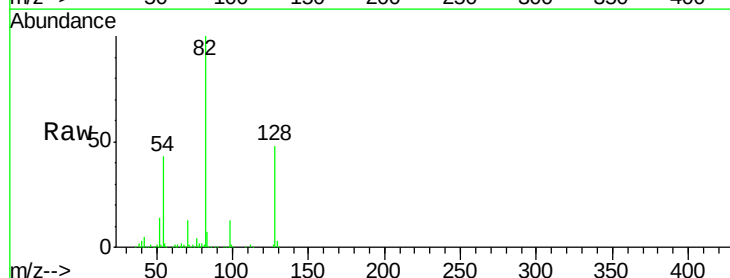
Ion Ratio Lower Upper

70 100

42 37.1 37.1 55.7#

101 0.0 8.6 12.8#

130 2.4 19.6 29.4#

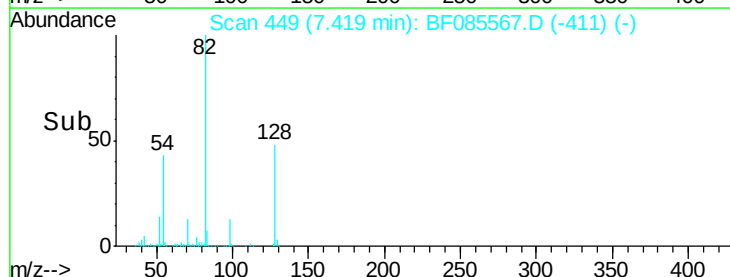
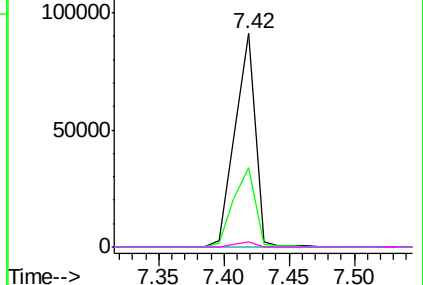


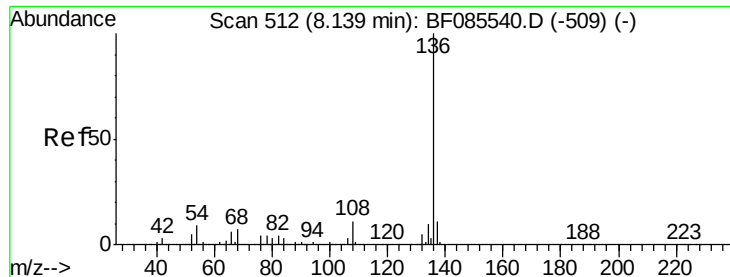
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

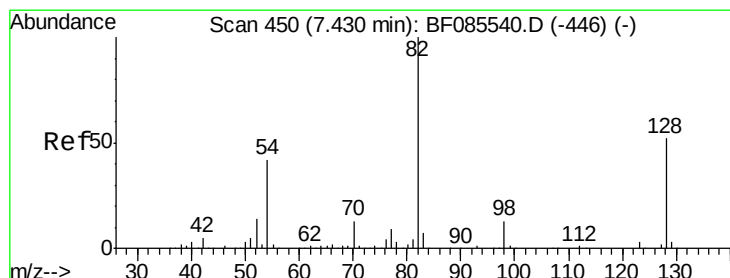
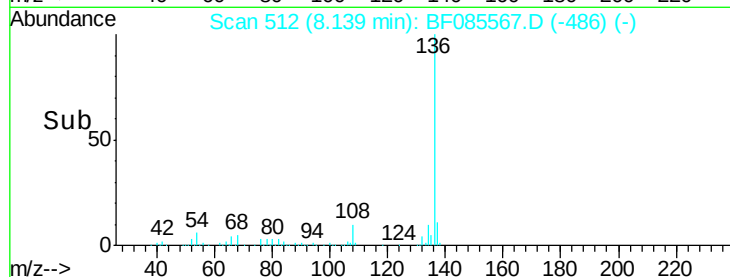
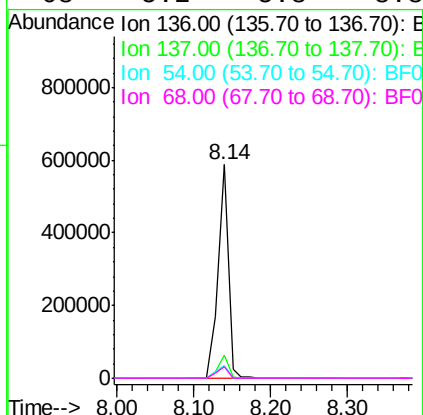
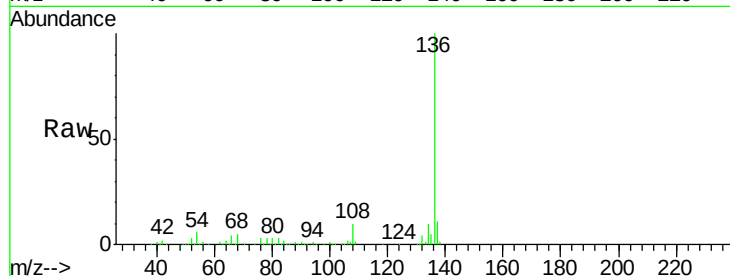




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085567.D
Acq: 19 Mar 2016 11:14

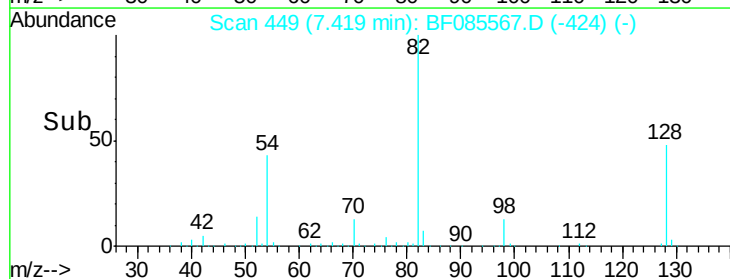
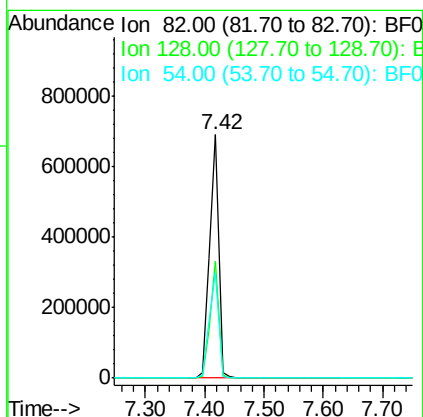
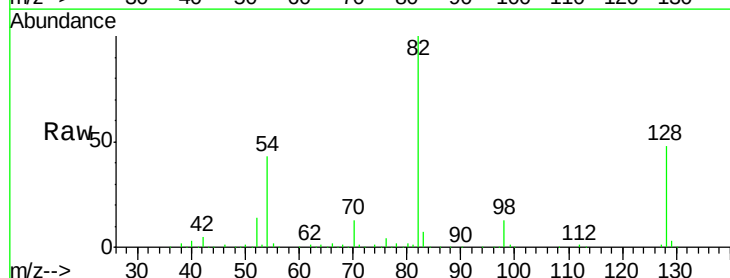
Instrument :
BNA_F
ClientSampleId :
TW-2

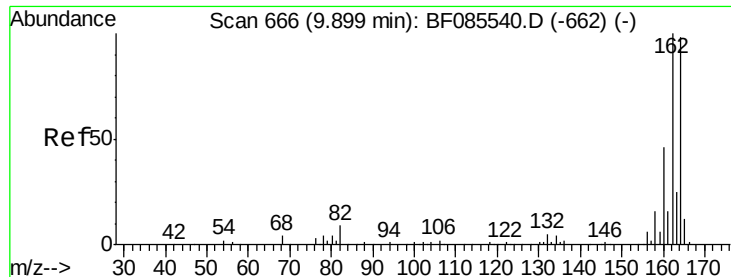
Tgt Ion:	136	Resp:	546627
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.0	7.4	11.0#
68	5.2	5.8	8.8#



#23
Nitrobenzene-d5
Concen: 78.42 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085567.D
Acq: 19 Mar 2016 11:14

Tgt Ion:	82	Resp:	738468
Ion	Ratio	Lower	Upper
82	100		
128	48.2	41.8	62.8
54	43.3	33.4	50.0

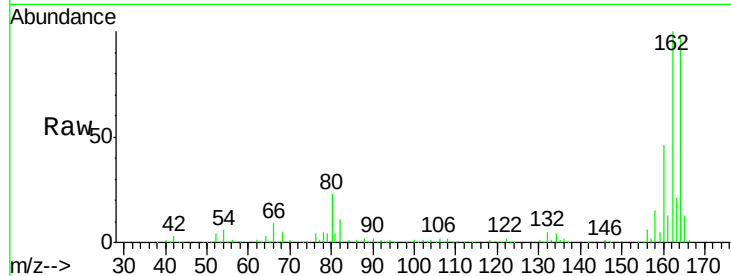




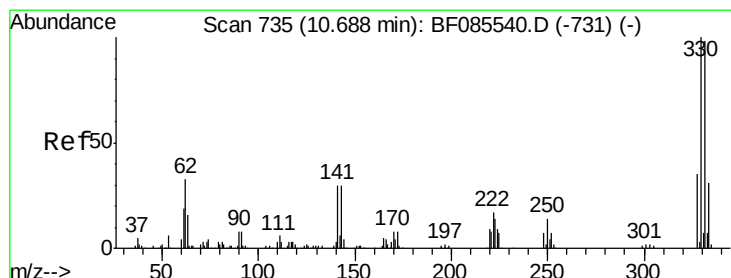
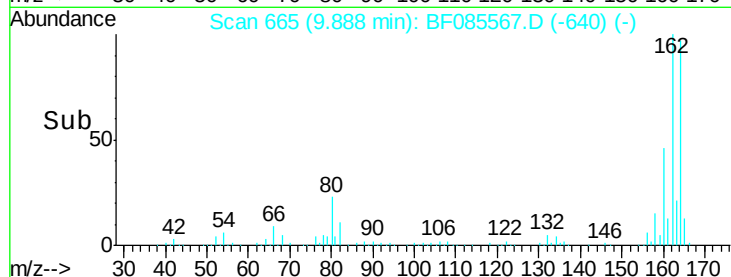
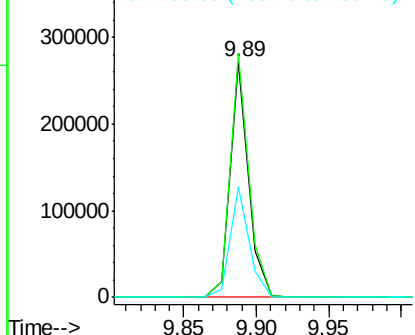
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085567.D
 Acq: 19 Mar 2016 11:14

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Tgt Ion:164 Resp: 237123
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.1 123.1
 160 47.2 37.4 56.2

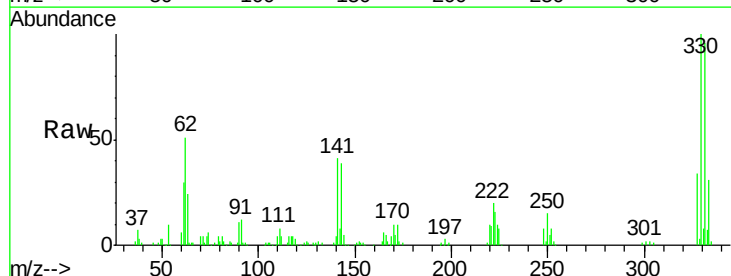


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

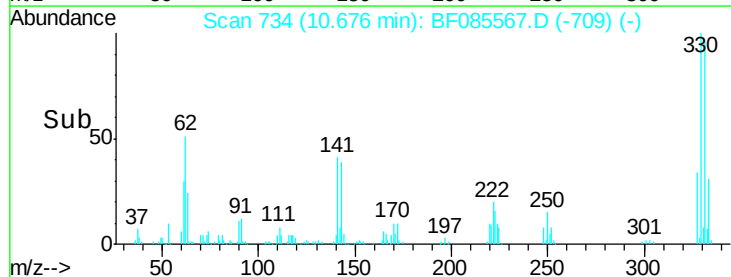
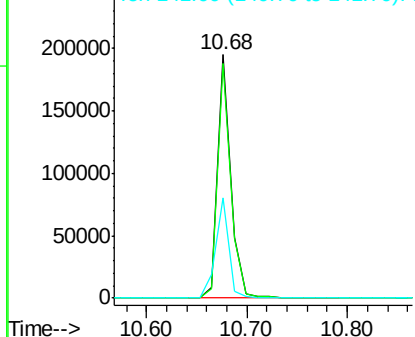


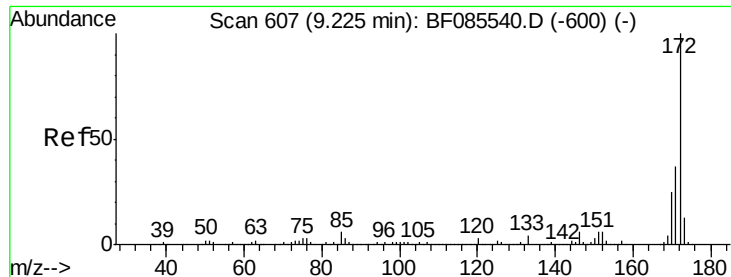
#41
 2,4,6-Tribromophenol
 Concen: 76.89 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085567.D
 Acq: 19 Mar 2016 11:14

Tgt Ion:330 Resp: 178591
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.2 117.2
 141 40.8 31.5 47.3



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

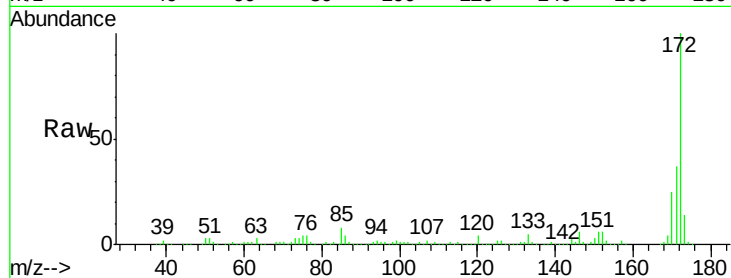




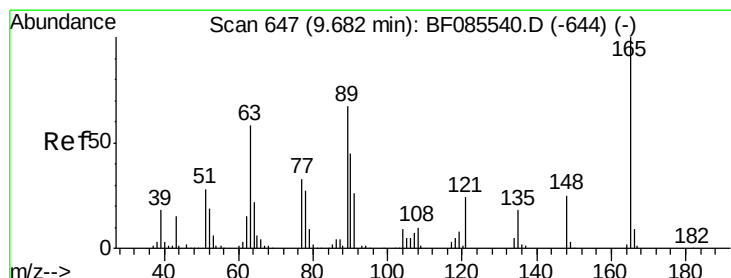
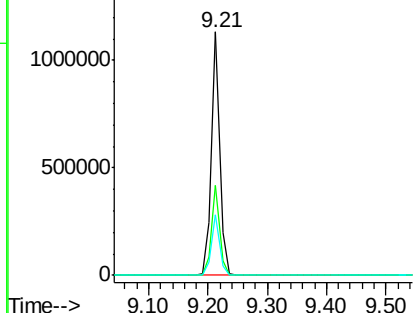
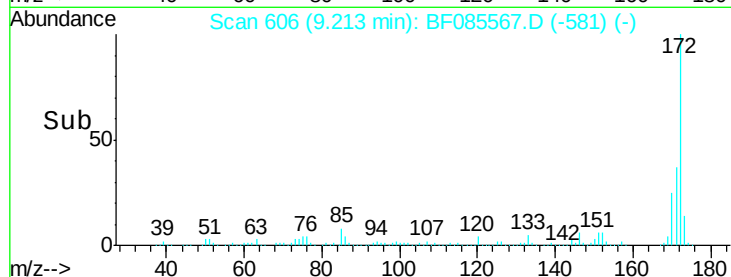
#44
 2-Fluorobiphenyl
 Concen: 77.26 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085567.D
 Acq: 19 Mar 2016 11:14

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Tgt Ion:172 Resp: 1098908
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.2
 170 25.0 19.8 29.6

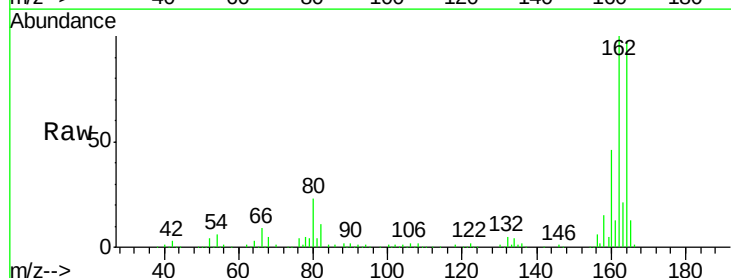


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

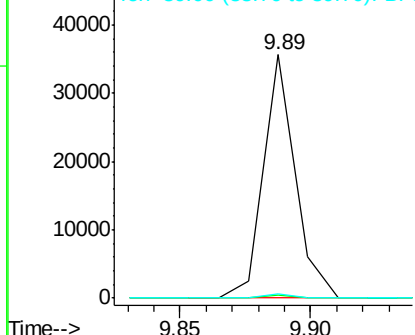
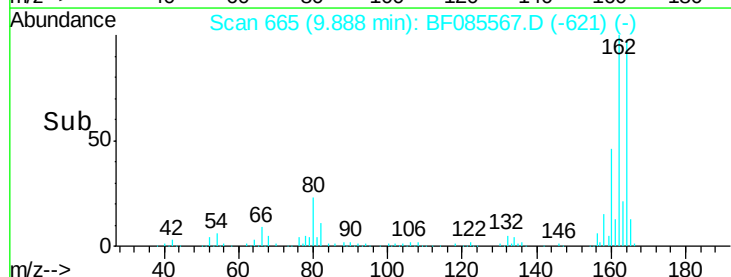


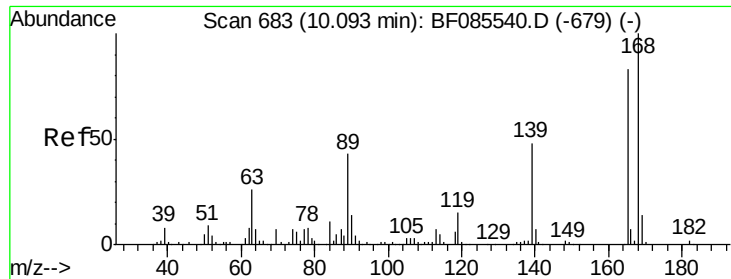
#50
 2,6-Dinitrotoluene
 Concen: 8.04 ng
 RT: 9.89 min Scan# 665
 Delta R.T. 0.21 min
 Lab File: BF085567.D
 Acq: 19 Mar 2016 11:14

Tgt Ion:165 Resp: 30373
 Ion Ratio Lower Upper
 165 100
 63 1.2 51.8 77.8#
 89 1.6 53.7 80.5#



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

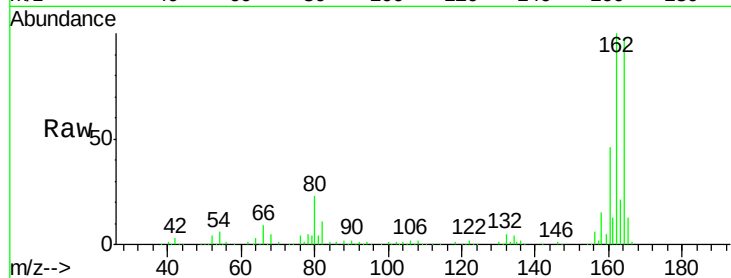




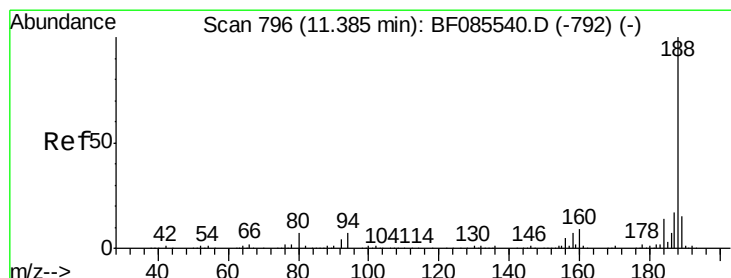
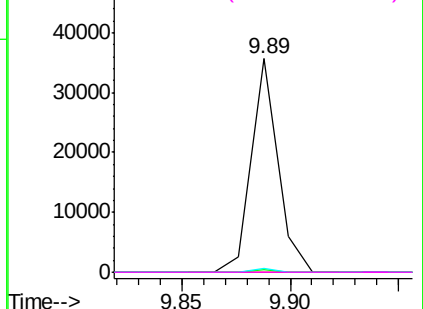
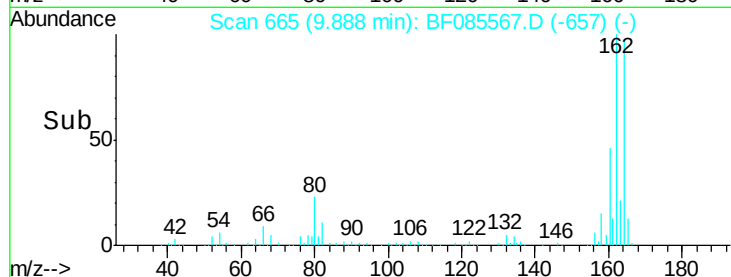
#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.21 min
 Lab File: BF085567.D
 Acq: 19 Mar 2016 11:14

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Tgt Ion:165 Resp: 30374
 Ion Ratio Lower Upper
 165 100
 63 1.2 24.9 37.3#
 89 1.6 41.0 61.6#
 182 0.0 2.1 3.1#

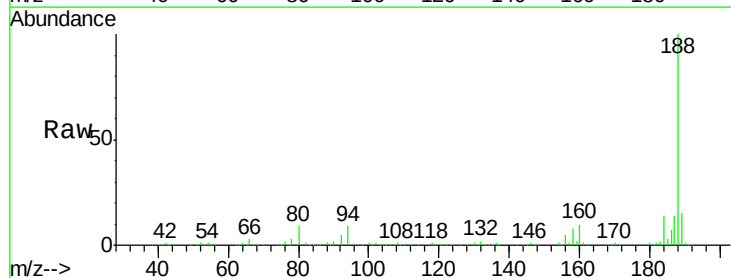


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

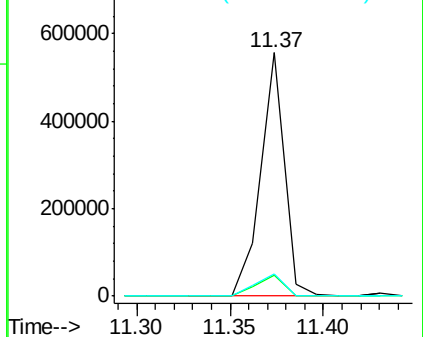
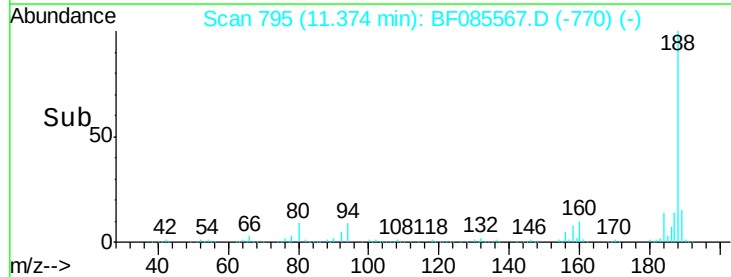


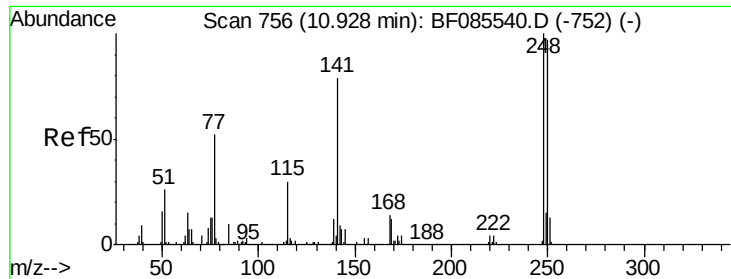
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF085567.D
 Acq: 19 Mar 2016 11:14

Tgt Ion:188 Resp: 487203
 Ion Ratio Lower Upper
 188 100
 94 8.5 5.4 8.0#
 80 8.9 5.5 8.3#



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

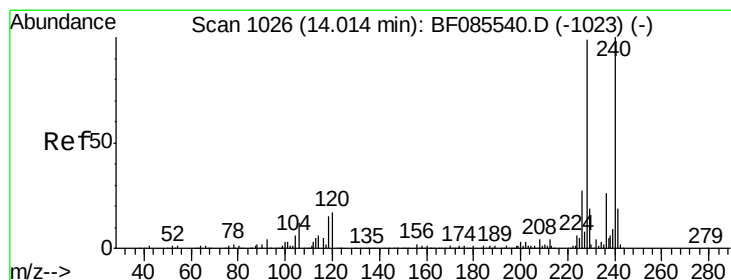
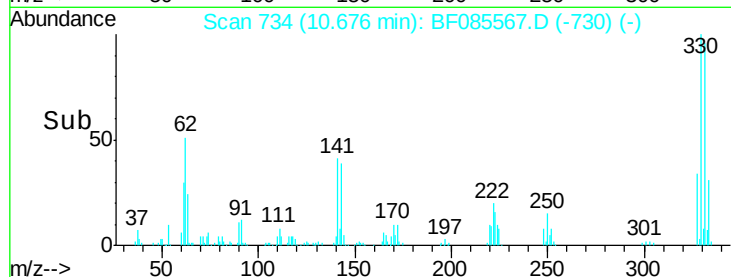
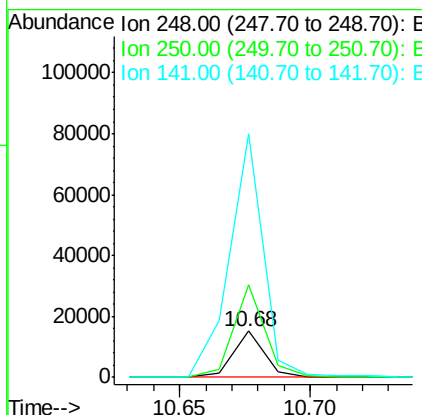
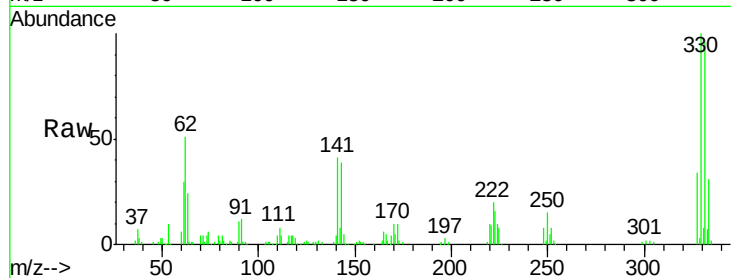




#66
 4-Bromophenyl-phenylether
 Concen: 2.60 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.25 min
 Lab File: BF085567.D
 Acq: 19 Mar 2016 11:14

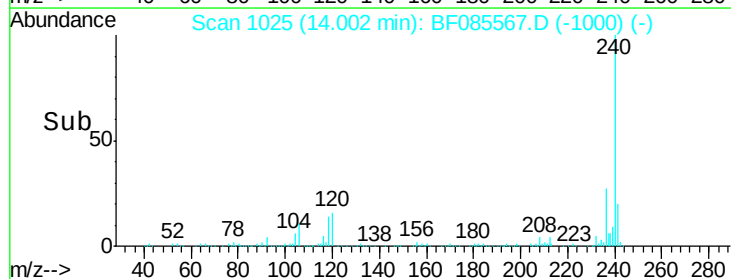
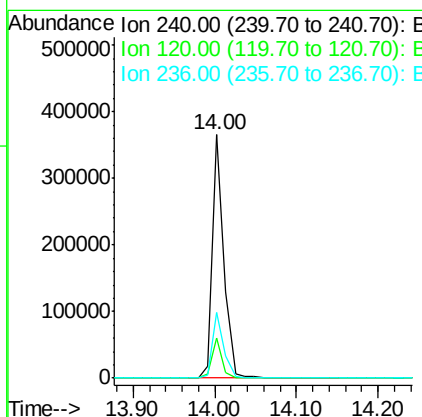
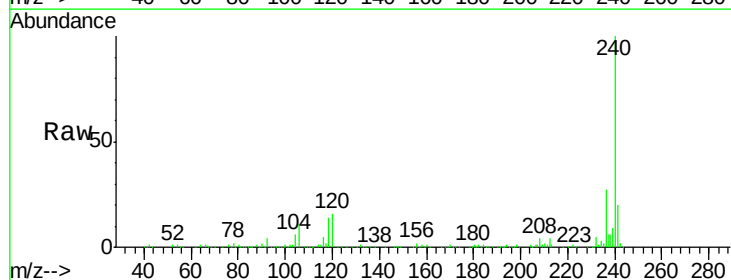
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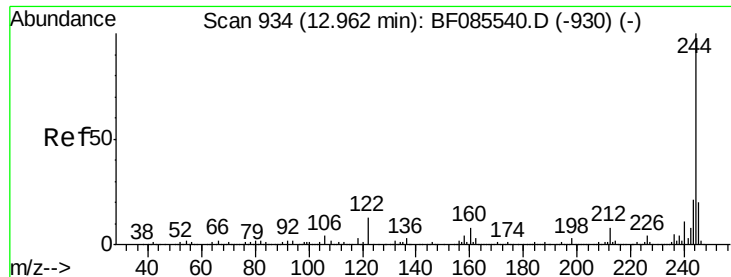
Tgt Ion:248 Resp: 12637
 Ion Ratio Lower Upper
 248 100
 250 198.8 77.4 116.0#
 141 525.5 63.6 95.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085567.D
 Acq: 19 Mar 2016 11:14

Tgt Ion:240 Resp: 362699
 Ion Ratio Lower Upper
 240 100
 120 16.2 13.8 20.8
 236 26.7 20.6 30.8

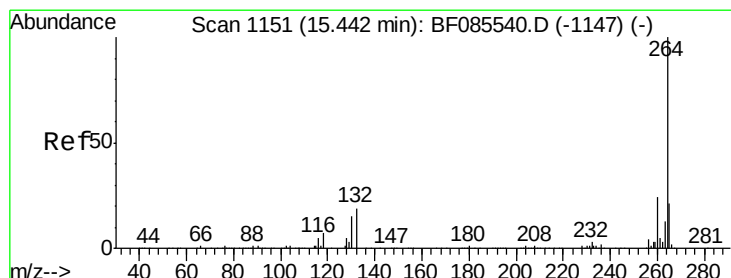
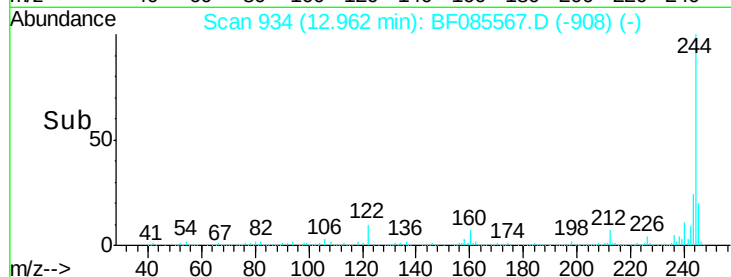
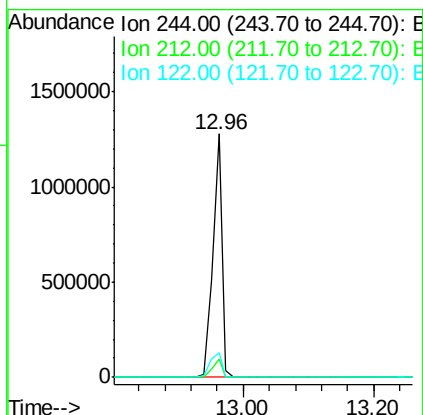
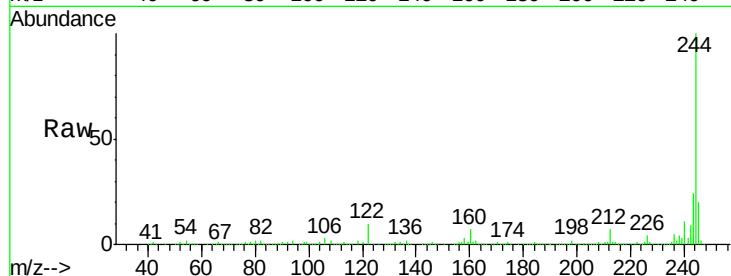




#78
 Terphenyl-d14
 Concen: 84.24 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085567.D
 Acq: 19 Mar 2016 11:14

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Tgt Ion:244 Resp: 1269702
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 10.0 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF085567.D
 Acq: 19 Mar 2016 11:14

Tgt Ion:264 Resp: 276807
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 21.4 17.2 25.8

