

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085208.D
 Acq On : 4 Mar 2016 17:50
 Operator : SJ/IZ
 Sample : PB88700BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BL

Quant Time: Mar 04 22:08:41 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

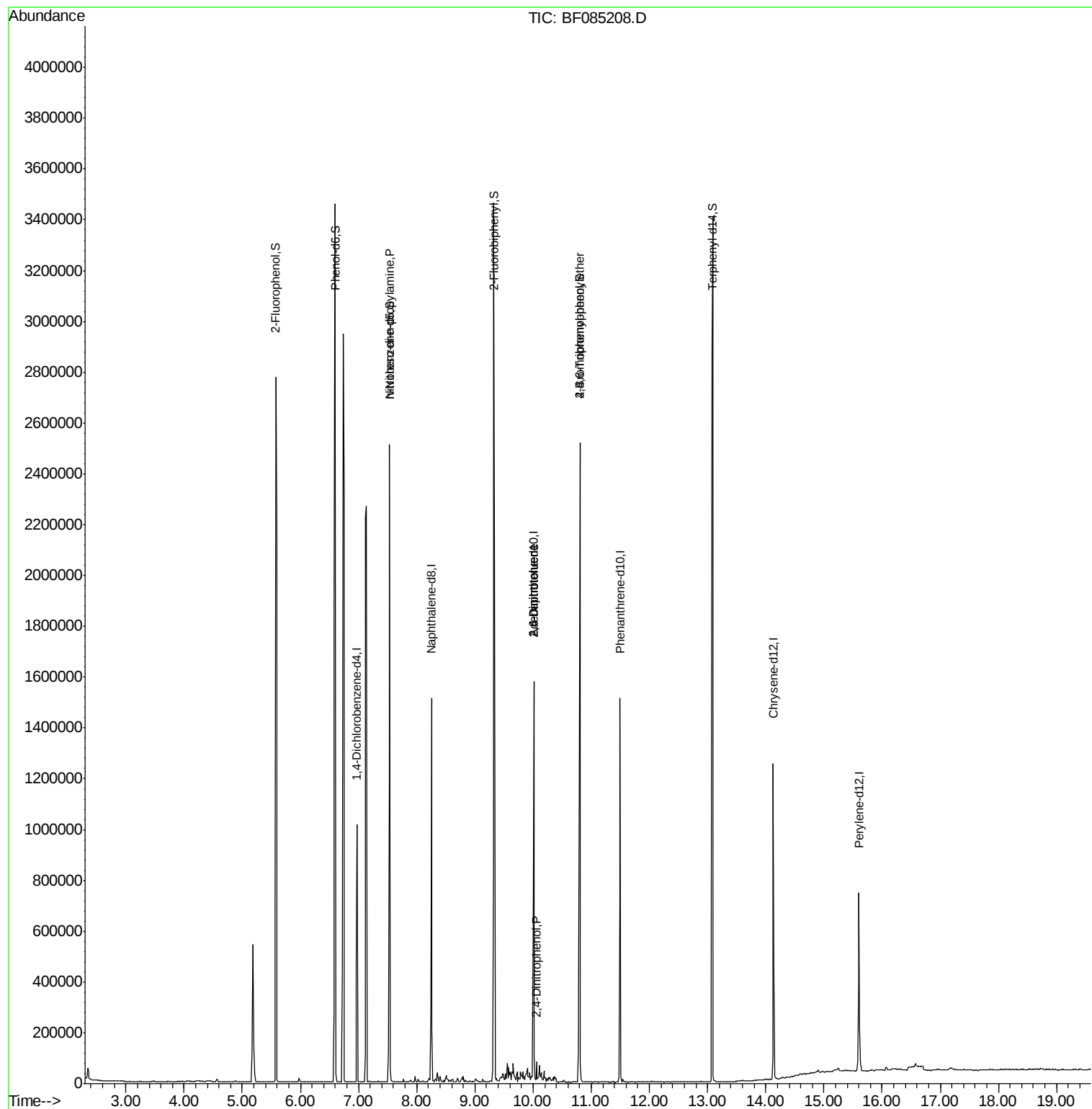
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	173859	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	668050	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	328701	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	619644	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	430566	20.00	ng	-0.02
86) Perylene-d12	15.60	264	310050	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1186046	114.43	ng	0.00
7) Phenol-d6	6.60	99	1425167	104.95	ng	-0.01
23) Nitrobenzene-d5	7.53	82	936985	75.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	333499	118.57	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1523394	70.48	ng	-0.02
78) Terphenyl-d14	13.09	244	1525354	82.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	1987	Below Cal	#	2
19) n-Nitroso-di-n-propylamine	7.53	70	126795	14.33	ng	# 77
50) 2,6-Dinitrotoluene	10.01	165	42317	7.84	ng	# 26
53) 2,4-Dinitrophenol	10.06	184	209	8.10	ng	# 75
56) 2,4-Dinitrotoluene	10.01	165	42767	6.19	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	24484	4.07	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085208.D

Acq: 4 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88700BL

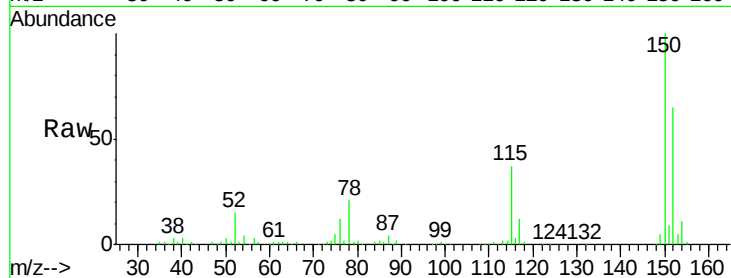
Tgt Ion:152 Resp: 173859

Ion Ratio Lower Upper

152 100

150 153.3 124.6 186.8

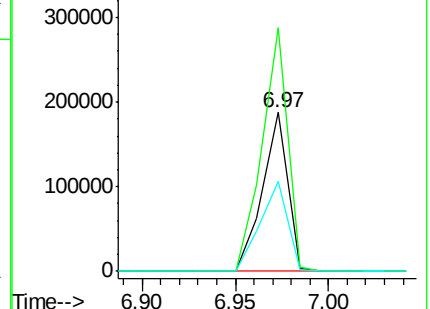
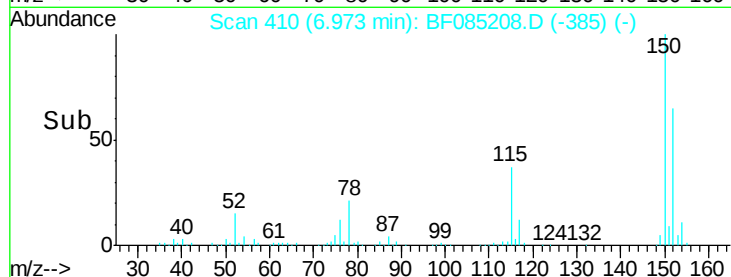
115 56.7 46.6 70.0



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: 114.43 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085208.D

Acq: 4 Mar 2016 17:50

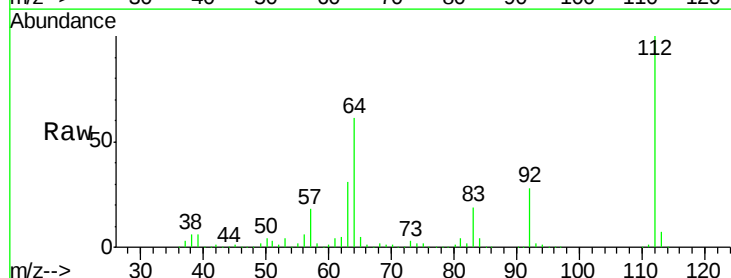
Tgt Ion:112 Resp: 1186046

Ion Ratio Lower Upper

112 100

64 61.0 49.0 73.4

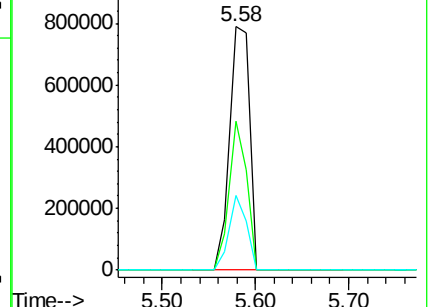
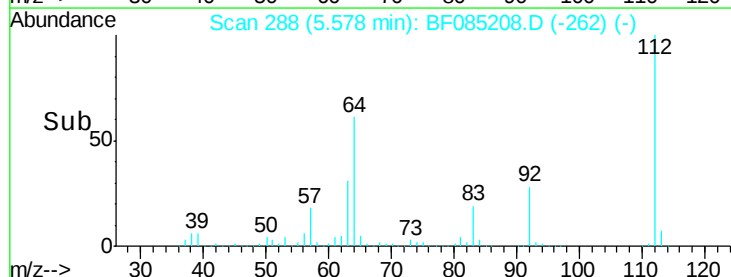
63 30.7 24.8 37.2

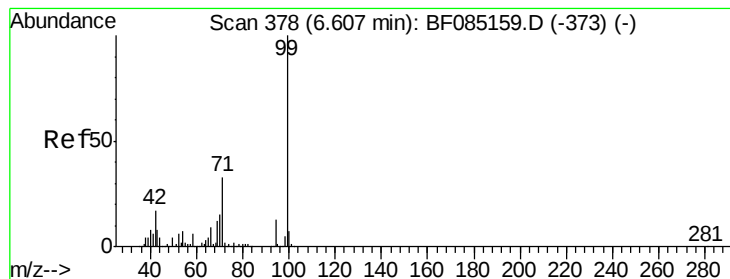


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.95 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085208.D

Acq: 4 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88700BL

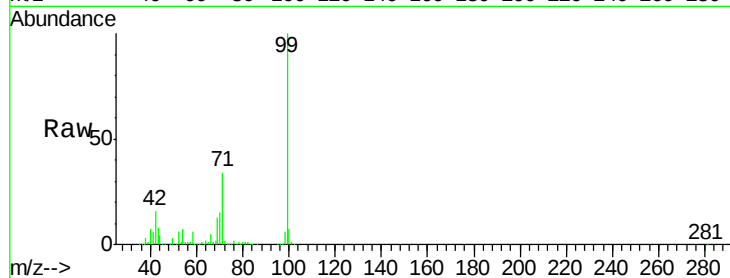
Tgt Ion: 99 Resp: 1425167

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

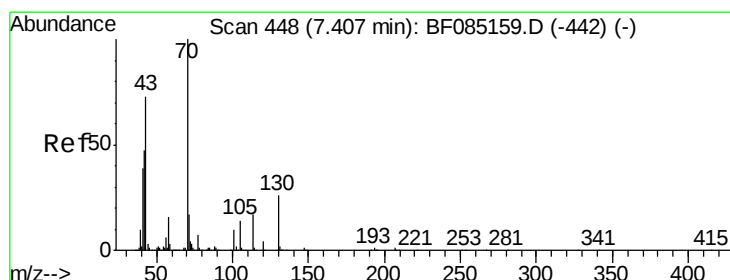
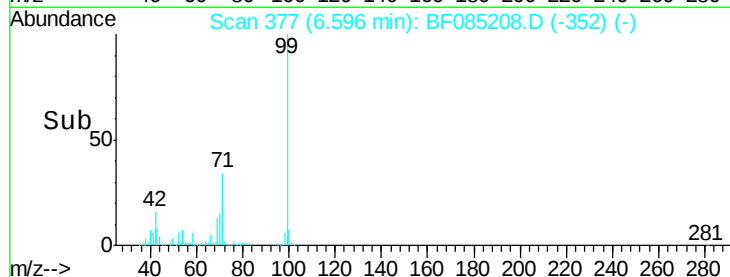
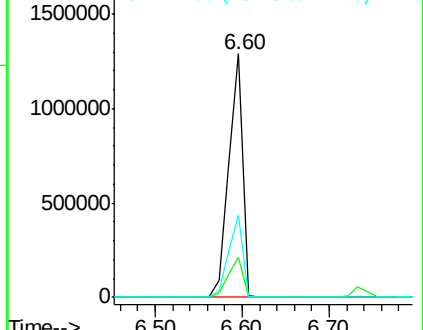
71 34.0 26.7 40.1



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: 14.33 ng

RT: 7.53 min Scan# 459

Delta R.T. 0.13 min

Lab File: BF085208.D

Acq: 4 Mar 2016 17:50

Tgt Ion: 70 Resp: 126795

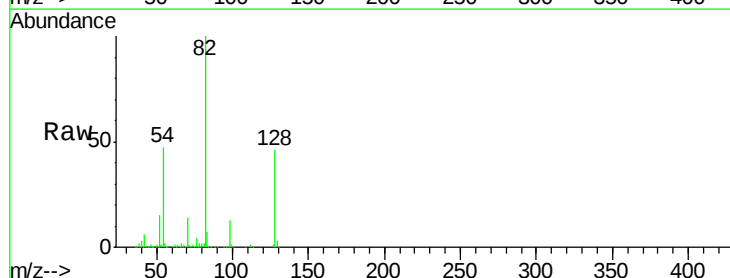
Ion Ratio Lower Upper

70 100

42 41.2 37.7 56.5

101 0.0 8.2 12.4#

130 2.2 20.5 30.7#

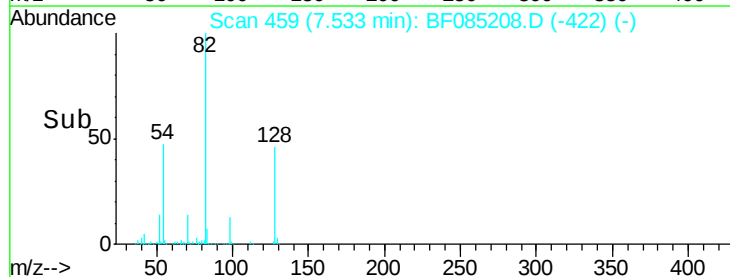
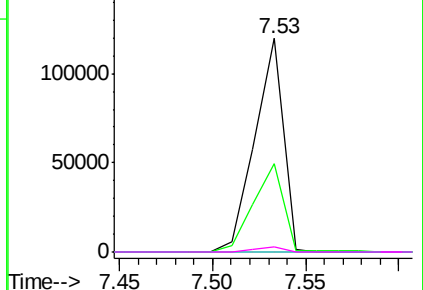


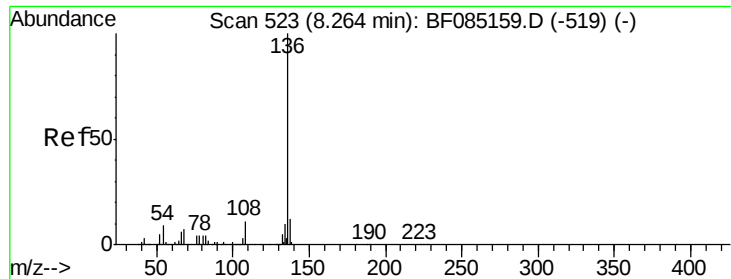
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

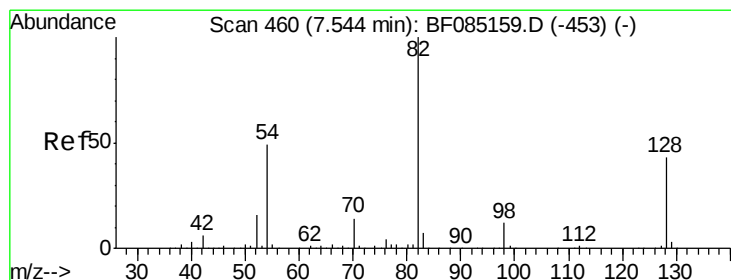
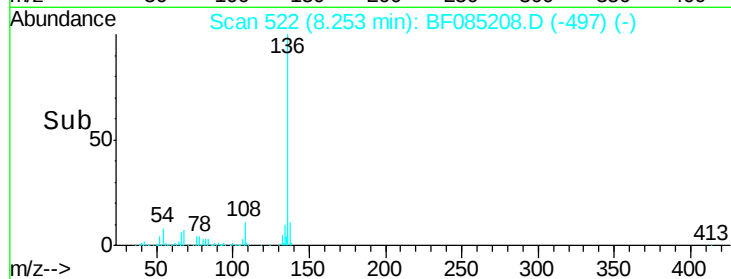
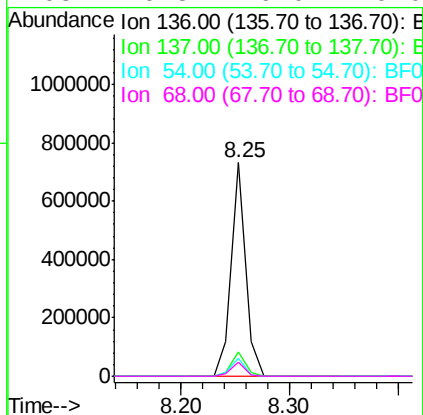
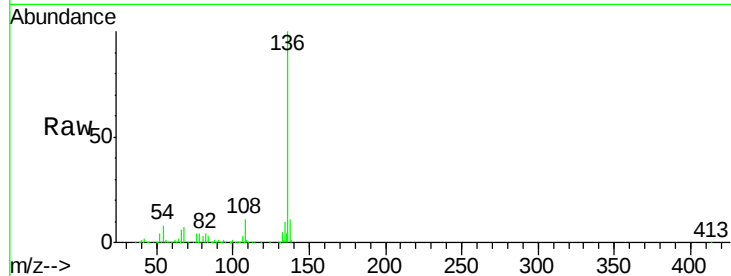




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085208.D
Acq: 4 Mar 2016 17:50

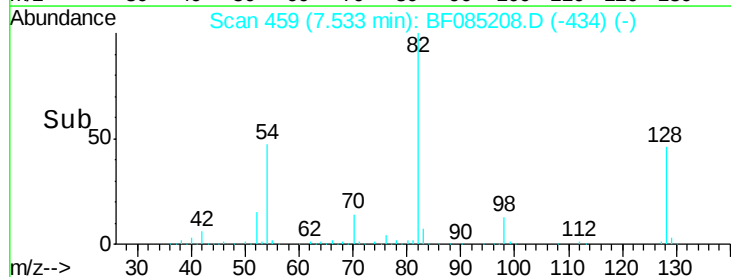
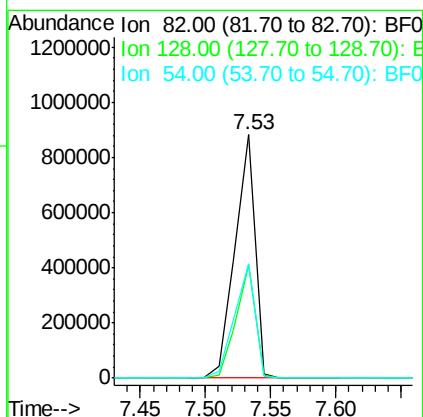
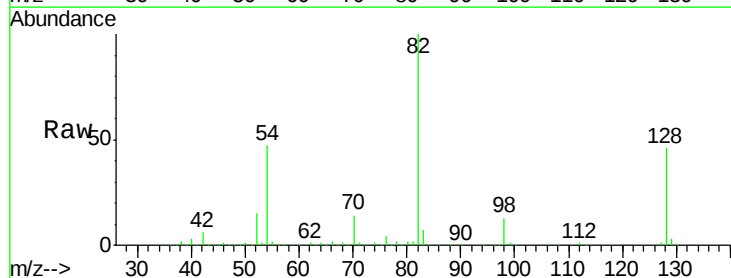
Instrument :
BNA_F
ClientSampled :
PB88700BL

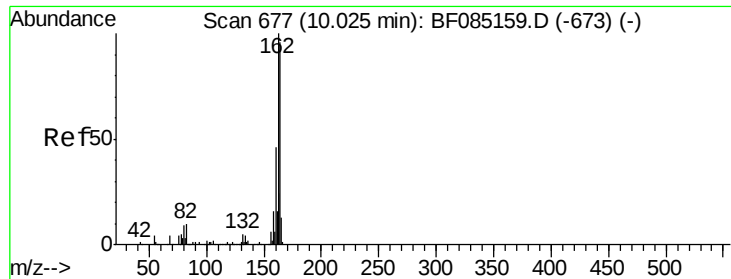
Tgt Ion:	136	Resp:	668050
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.3	7.4	11.2
68	6.8	6.0	9.0



#23
Nitrobenzene-d5
Concen: 75.05 ng
RT: 7.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF085208.D
Acq: 4 Mar 2016 17:50

Tgt Ion:	82	Resp:	936985
Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.5	51.7
54	47.2	39.3	58.9

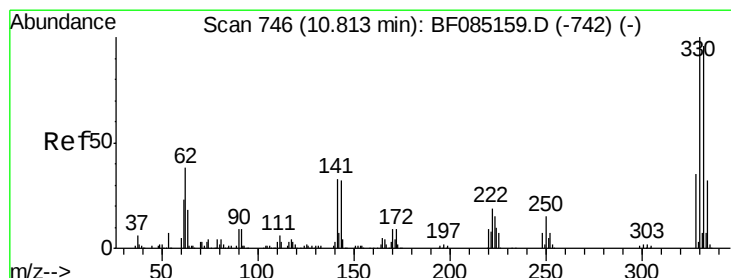
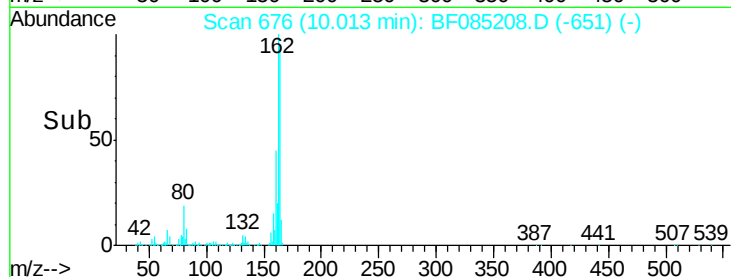
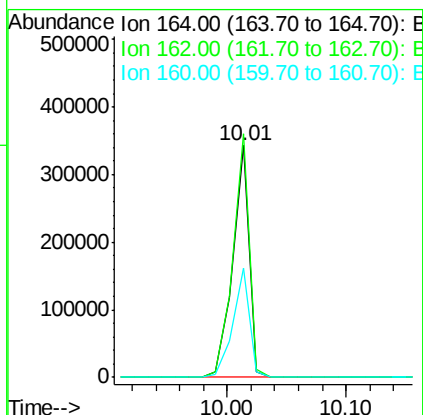
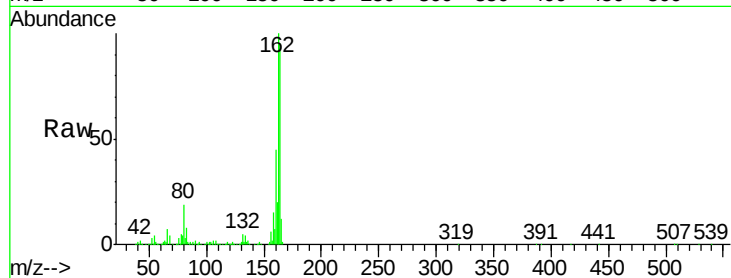




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085208.D
Acq: 4 Mar 2016 17:50

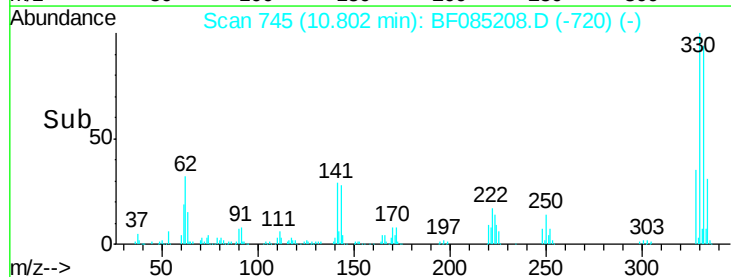
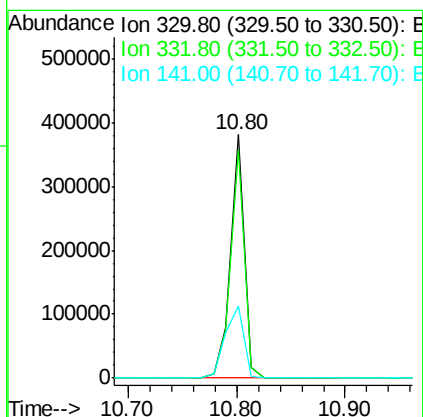
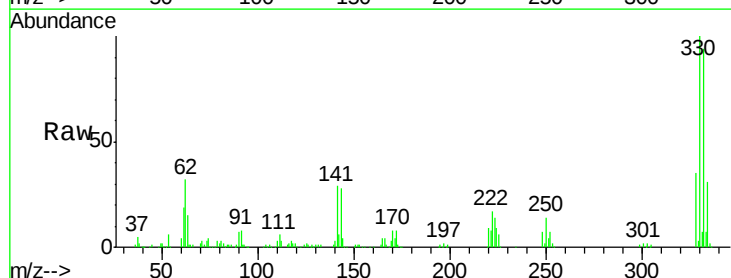
Instrument :
BNA_F
ClientSampleId :
PB88700BL

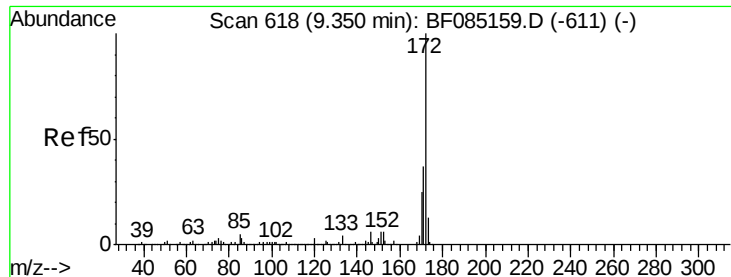
Tgt Ion:164 Resp: 328701
Ion Ratio Lower Upper
164 100
162 105.0 83.3 124.9
160 46.9 37.9 56.9



#41
2,4,6-Tribromophenol
Concen: 118.57 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF085208.D
Acq: 4 Mar 2016 17:50

Tgt Ion:330 Resp: 333499
Ion Ratio Lower Upper
330 100
332 94.4 77.1 115.7
141 39.7 35.0 52.6

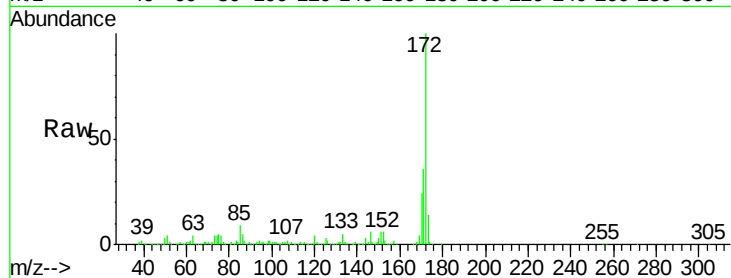




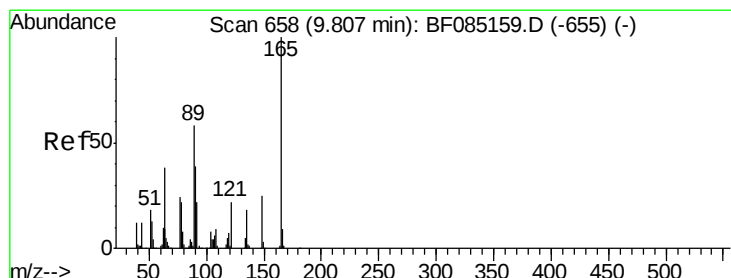
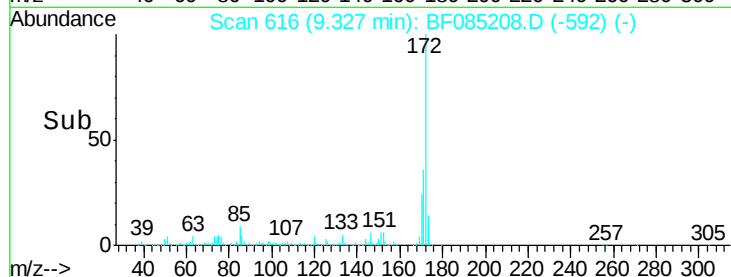
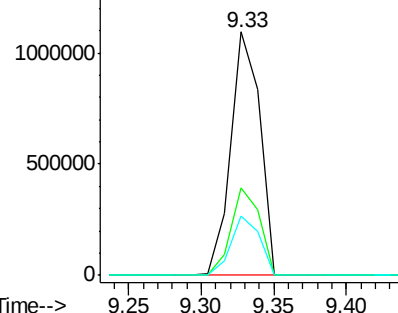
#44
 2-Fluorobiphenyl
 Concen: 70.48 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085208.D
 Acq: 4 Mar 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BL

Tgt Ion:172 Resp: 1523394
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.3 43.9
 170 24.1 20.0 30.0

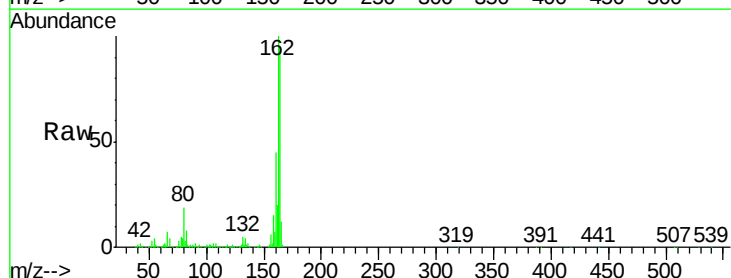


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

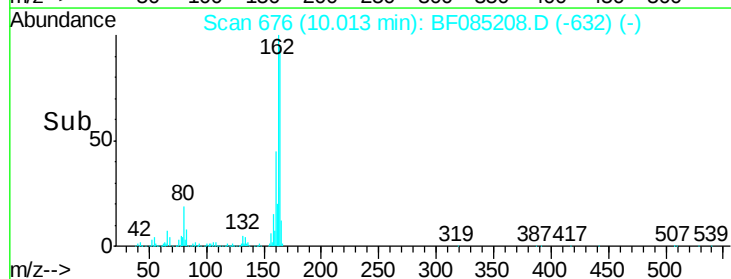
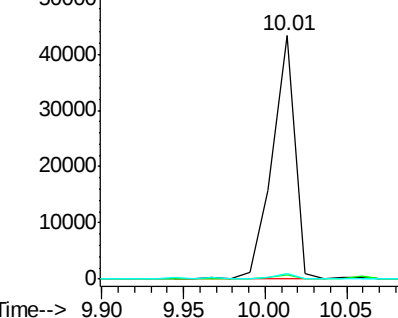


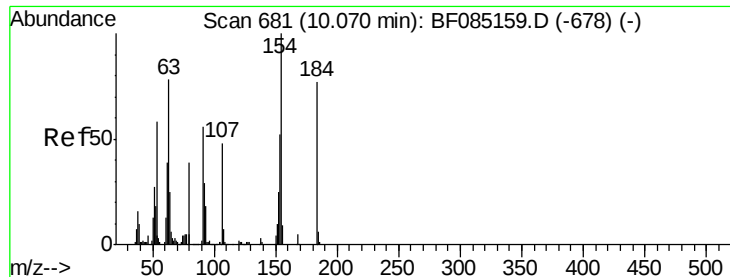
#50
 2,6-Dinitrotoluene
 Concen: 7.84 ng
 RT: 10.01 min Scan# 676
 Delta R.T. 0.21 min
 Lab File: BF085208.D
 Acq: 4 Mar 2016 17:50

Tgt Ion:165 Resp: 42317
 Ion Ratio Lower Upper
 165 100
 63 1.6 41.8 62.8#
 89 2.3 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





#53

2,4-Dinitrophenol

Concen: 8.10 ng

RT: 10.06 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF085208.D

Acq: 4 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88700BL

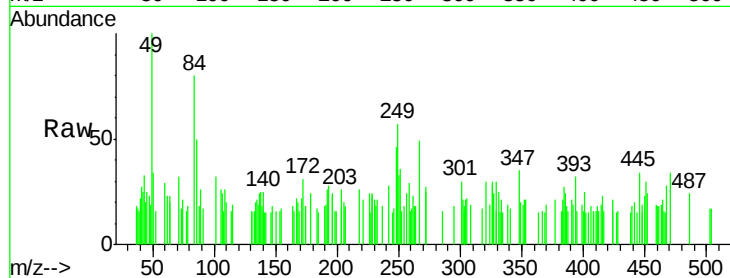
Tgt Ion:184 Resp: 209

Ion Ratio Lower Upper

184 100

63 138.2 82.2 123.4#

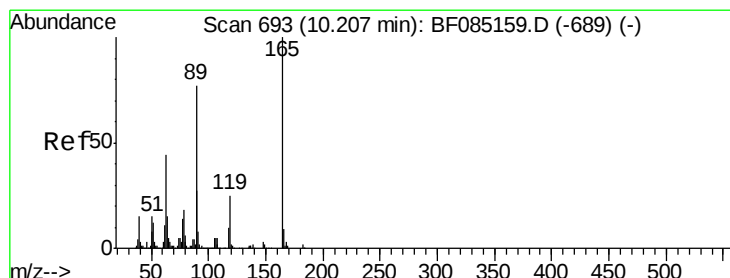
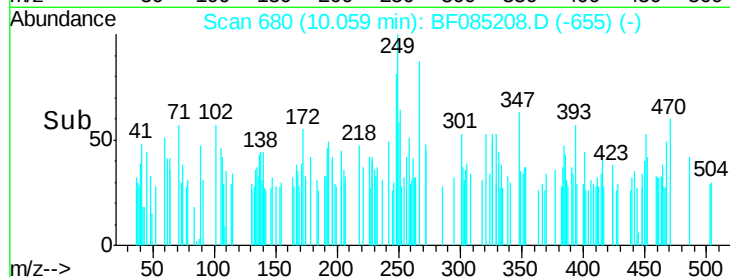
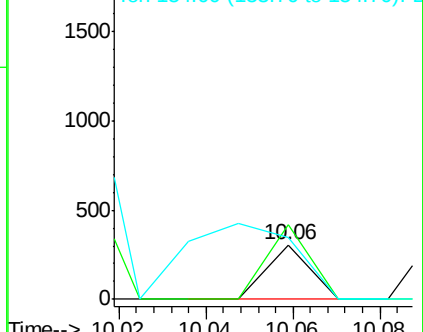
154 114.5 108.9 163.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#56

2,4-Dinitrotoluene

Concen: 6.19 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.19 min

Lab File: BF085208.D

Acq: 4 Mar 2016 17:50

Tgt Ion:165 Resp: 42767

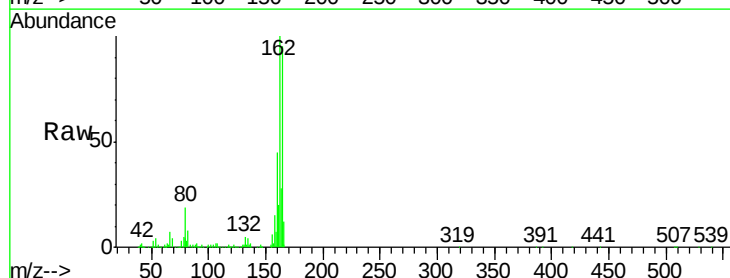
Ion Ratio Lower Upper

165 100

63 1.6 35.4 53.0#

89 2.3 61.9 92.9#

182 0.0 1.9 2.9#

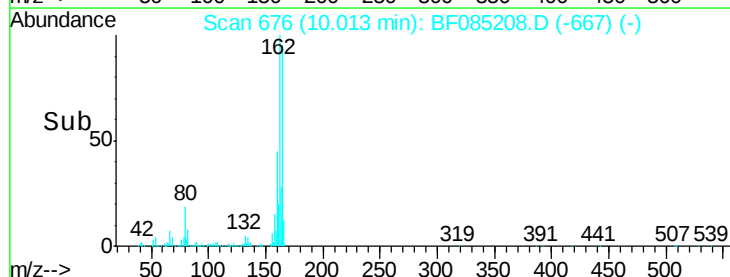
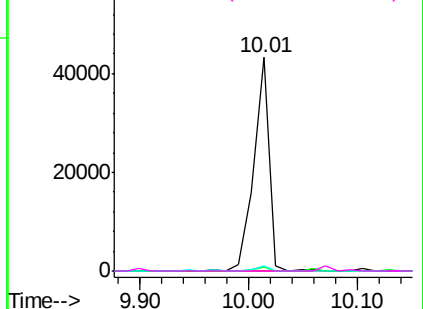


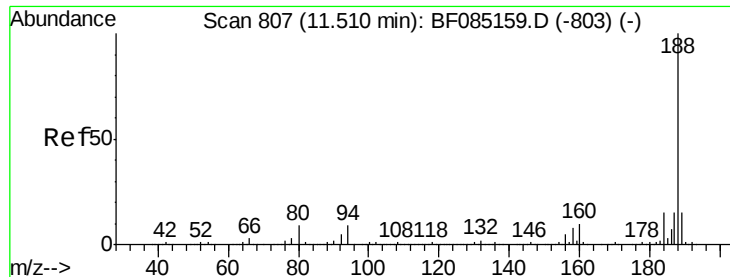
Abundance Ion 165.00 (164.70 to 165.70): E

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

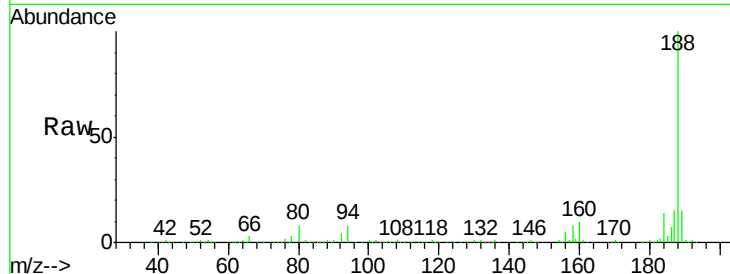




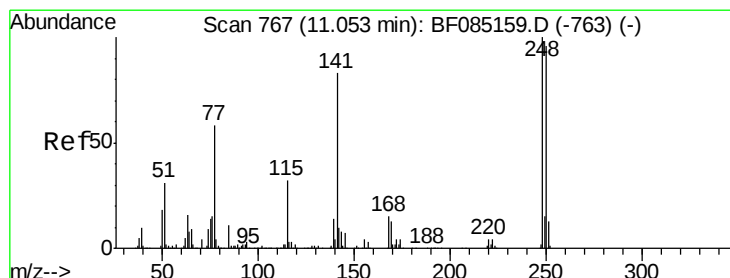
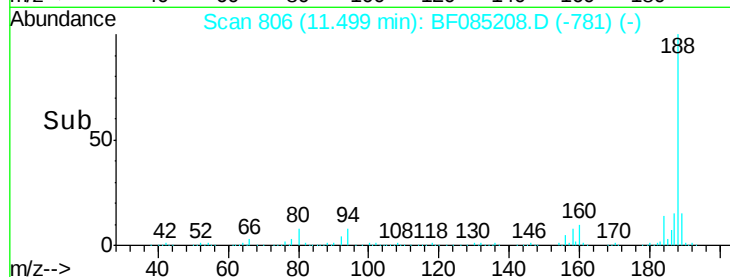
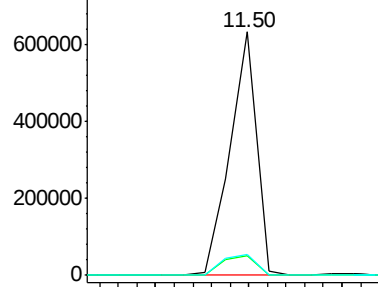
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085208.D
Acq: 4 Mar 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB88700BL

Tgt Ion:188 Resp: 619644
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 8.4 7.4 11.0

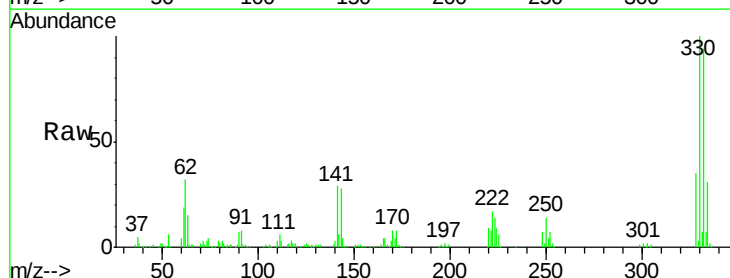


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

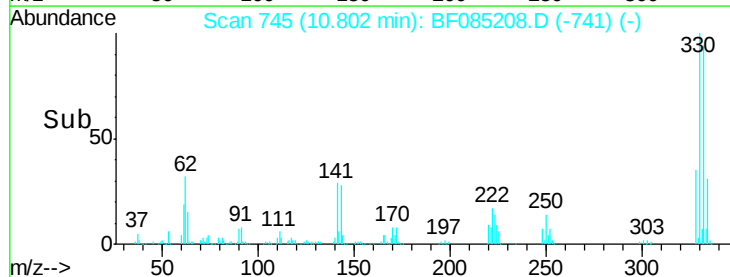
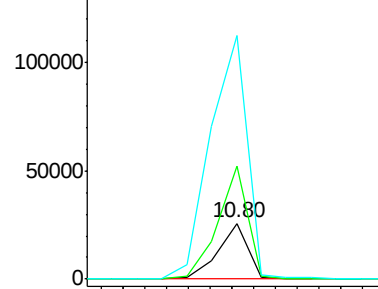


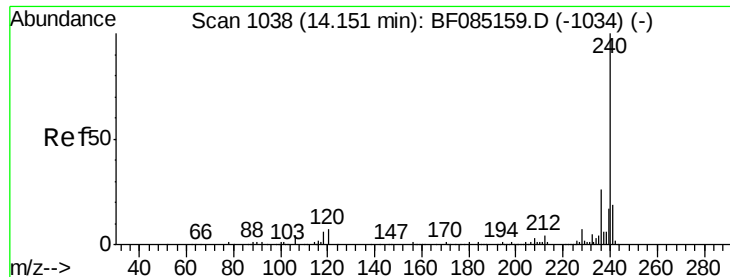
#66
4-Bromophenyl-phenylether
Concen: 4.07 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF085208.D
Acq: 4 Mar 2016 17:50

Tgt Ion:248 Resp: 24484
Ion Ratio Lower Upper
248 100
250 202.1 77.1 115.7#
141 434.5 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: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085208.D

Acq: 4 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88700BL

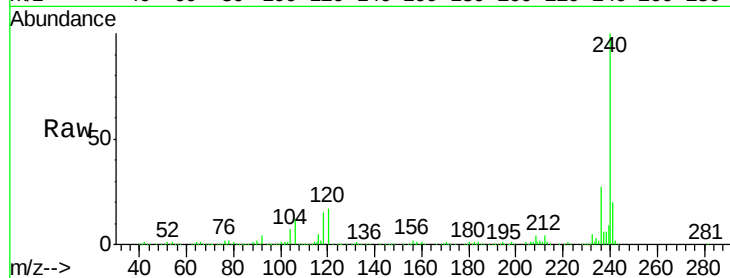
Tgt Ion:240 Resp: 430566

Ion Ratio Lower Upper

240 100

120 17.1 5.3 7.9#

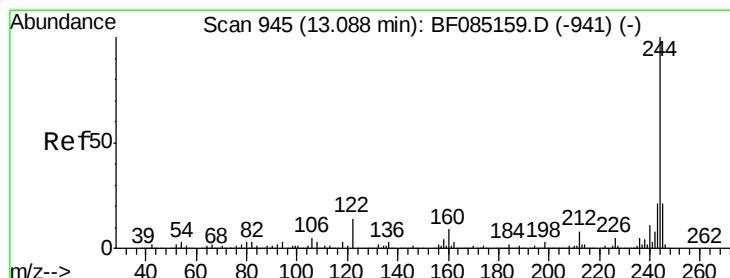
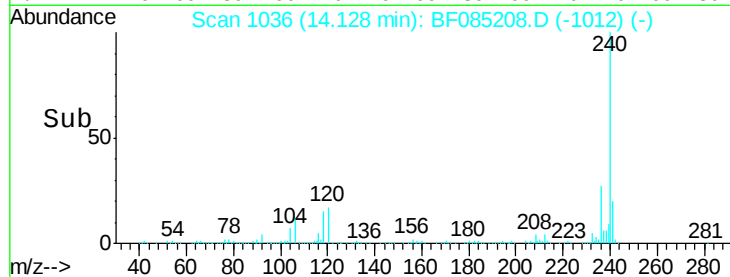
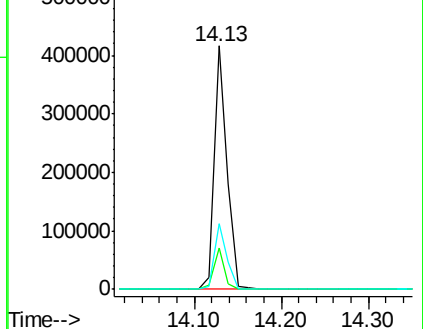
236 27.1 20.7 31.1



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: 82.24 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085208.D

Acq: 4 Mar 2016 17:50

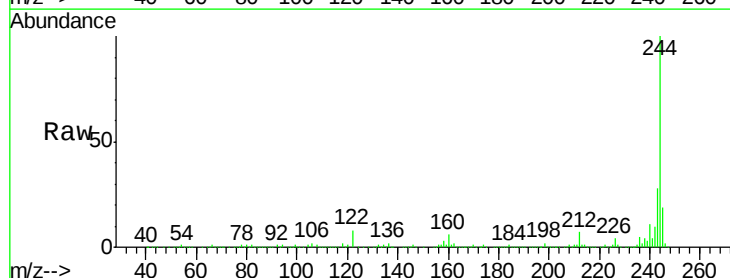
Tgt Ion:244 Resp: 1525354

Ion Ratio Lower Upper

244 100

212 6.8 6.4 9.6

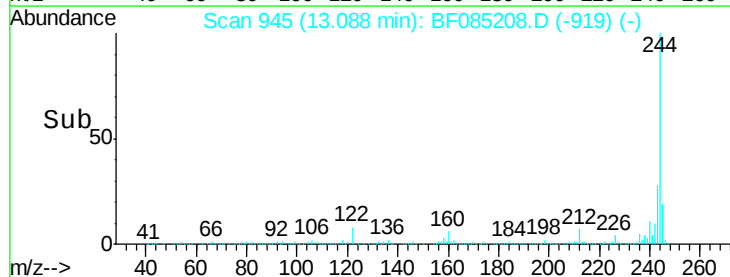
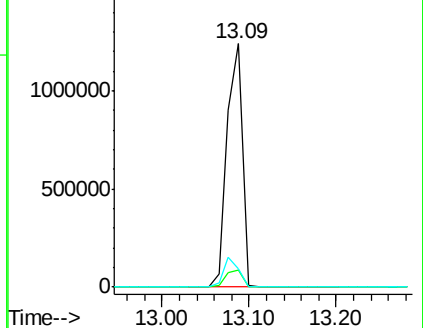
122 7.8 11.4 17.2#

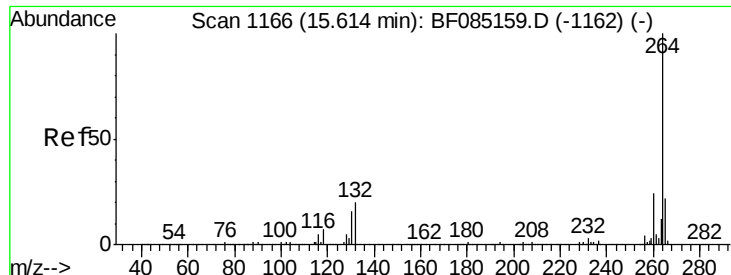


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

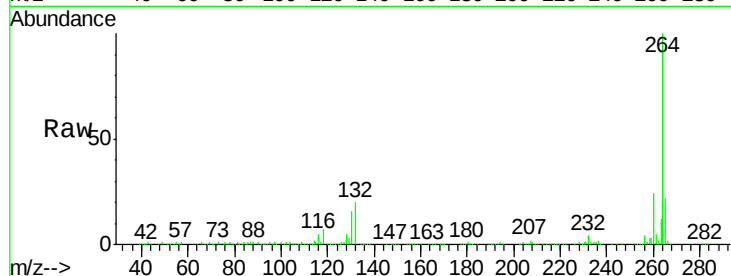




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085208.D
Acq: 4 Mar 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB88700BL

Tgt Ion: 264 Resp: 310050
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.6 17.3 25.9



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

