

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085743.D
 Acq On : 25 Mar 2016 5:39
 Operator : UM/SJ
 Sample : PB89081TB
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89081TB

Quant Time: Mar 25 05:06:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

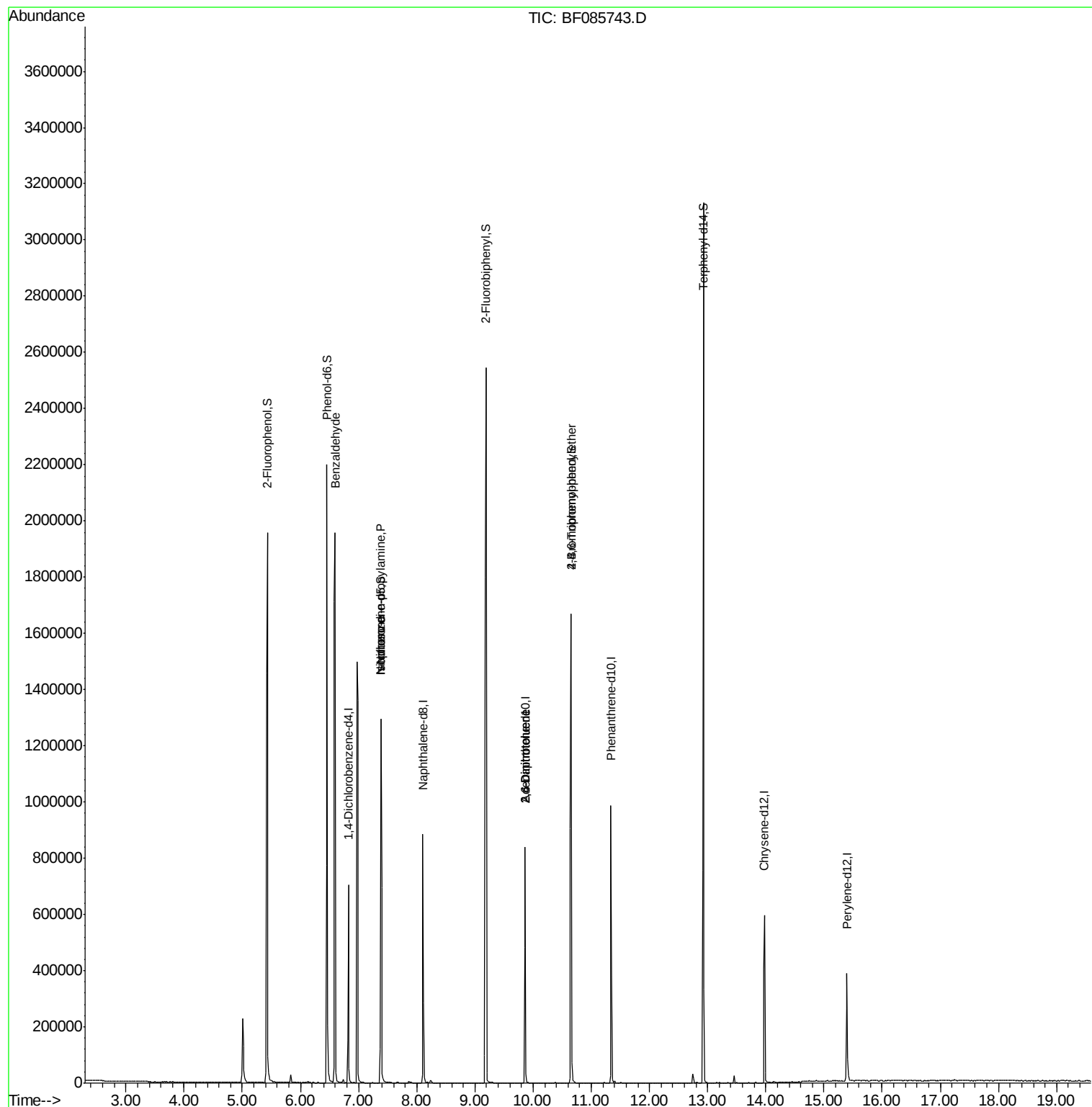
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	107767	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	421981	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	201905	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	388078	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	265617	20.00	ng	0.00
86) Perylene-d12	15.40	264	197480	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	789974	122.08	ng	0.02
7) Phenol-d6	6.46	99	861666	104.73	ng	0.00
23) Nitrobenzene-d5	7.38	82	535132	71.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	251506	131.11	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1075206	88.97	ng	0.00
78) Terphenyl-d14	12.93	244	961443	74.44	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	16865	3.40	ng	Qvalue 94
19) n-Nitroso-di-n-propylamine	7.38	70	69108	14.03	ng	# 80
25) Isophorone	7.38	82	501993	34.78	ng	# 68
50) 2,6-Dinitrotoluene	9.86	165	25382	7.70	ng	# 19
56) 2,4-Dinitrotoluene	9.86	165	25382	6.06	ng	# 37
66) 4-Bromophenyl-phenylether	10.65	248	16172	4.07	ng	# 1

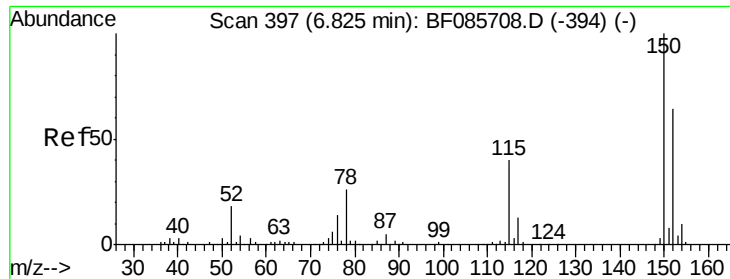
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF085743.D

Acq: 25 Mar 2016 5:39

Instrument :

BNA_F

ClientSampleId :

PB89081TB

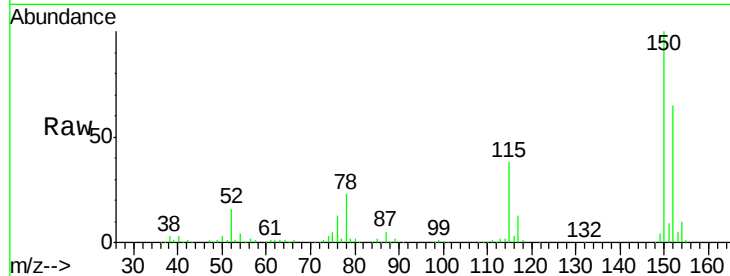
Tgt Ion:152 Resp: 107767

Ion Ratio Lower Upper

152 100

150 153.9 124.2 186.2

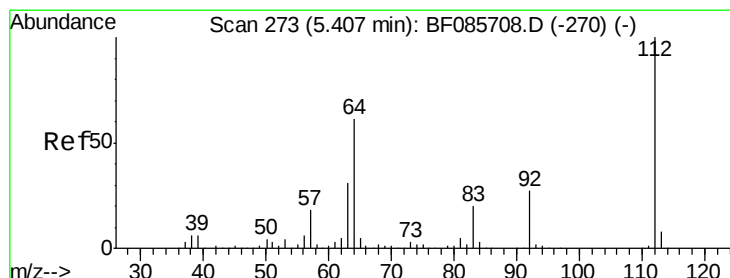
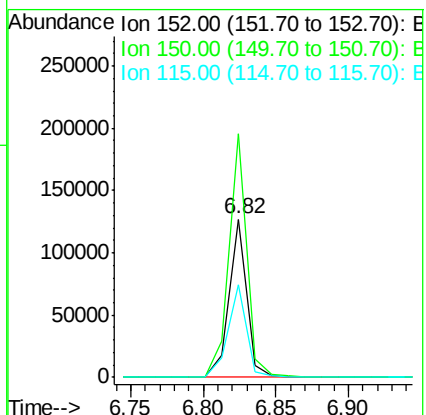
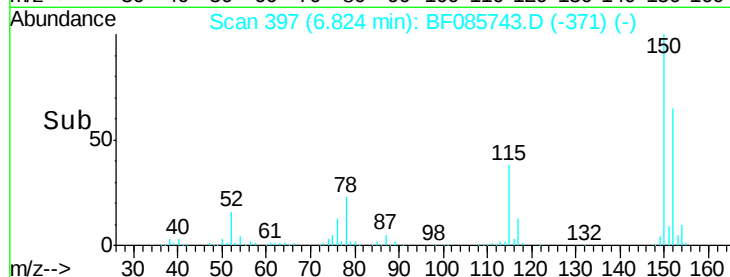
115 58.4 47.0 70.6



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: 122.08 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085743.D

Acq: 25 Mar 2016 5:39

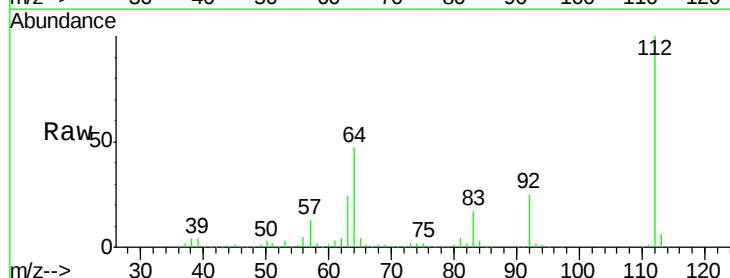
Tgt Ion:112 Resp: 789974

Ion Ratio Lower Upper

112 100

64 46.6 39.9 59.9

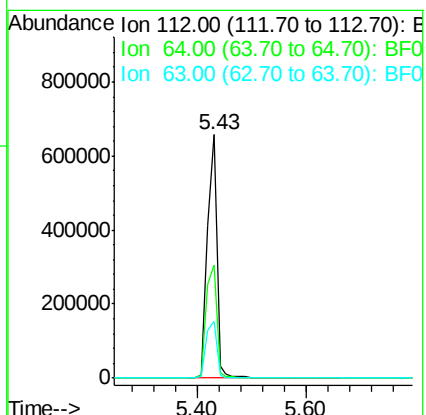
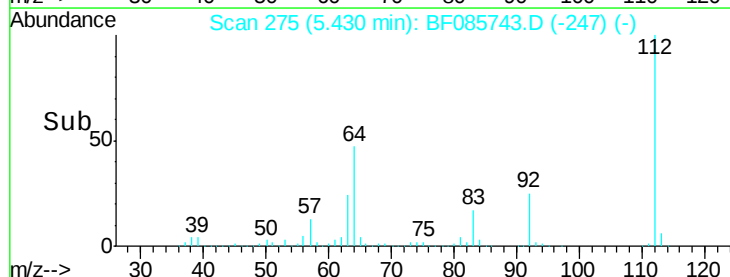
63 23.6 20.2 30.2



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: 104.73 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085743.D

Acq: 25 Mar 2016 5:39

Instrument :

BNA_F

ClientSampleId :

PB89081TB

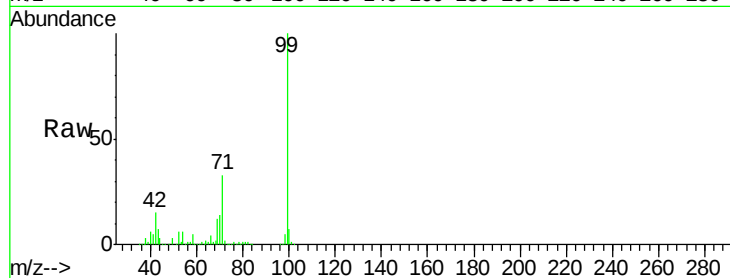
Tgt Ion: 99 Resp: 861666

Ion Ratio Lower Upper

99 100

42 15.3 11.1 16.7

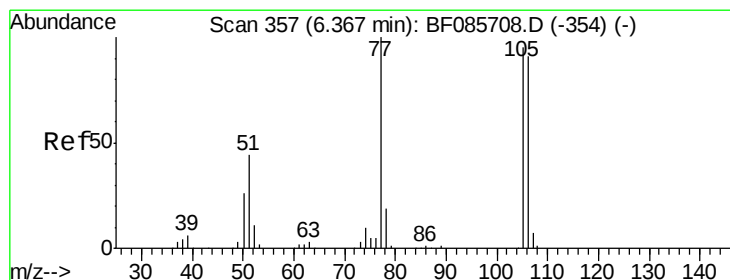
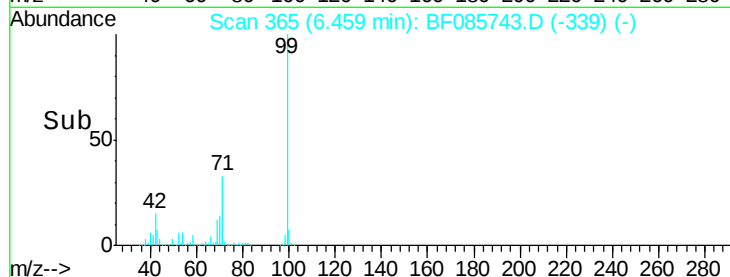
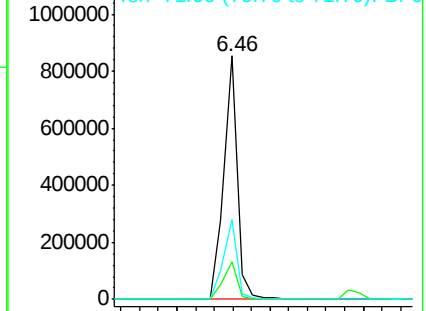
71 32.7 24.9 37.3



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



#9

Benzaldehyde

Concen: 3.40 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.23 min

Lab File: BF085743.D

Acq: 25 Mar 2016 5:39

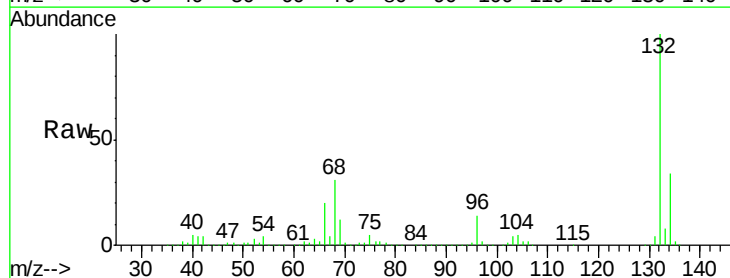
Tgt Ion: 77 Resp: 16865

Ion Ratio Lower Upper

77 100

105 96.8 80.1 120.1

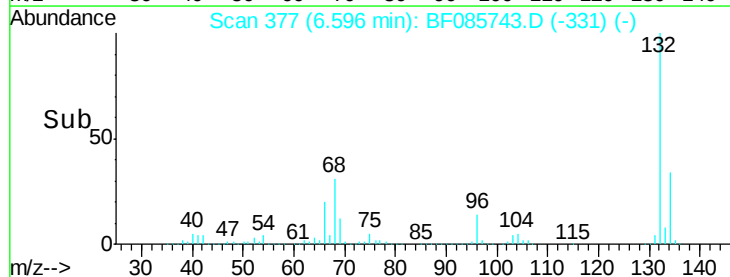
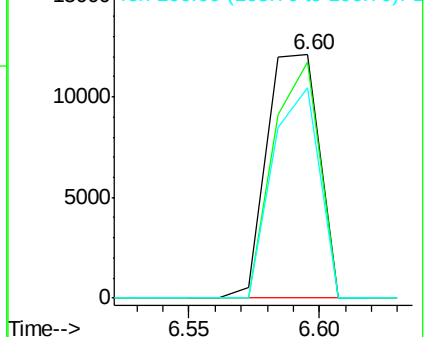
106 86.6 75.0 115.0

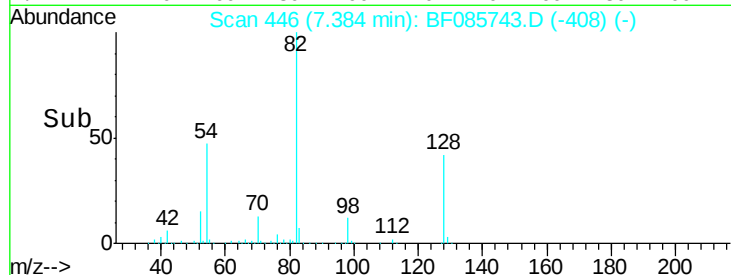
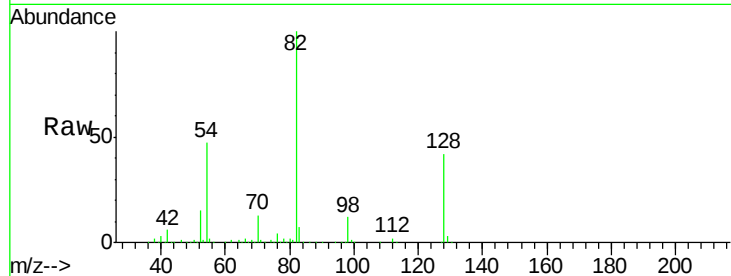
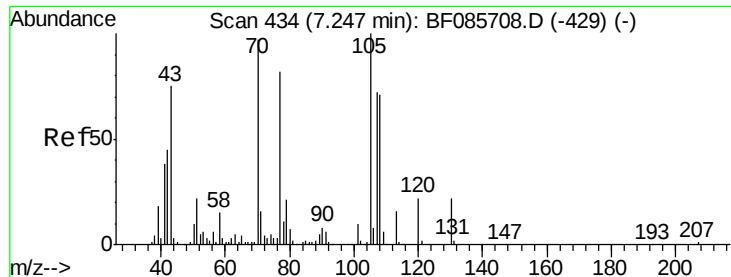


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

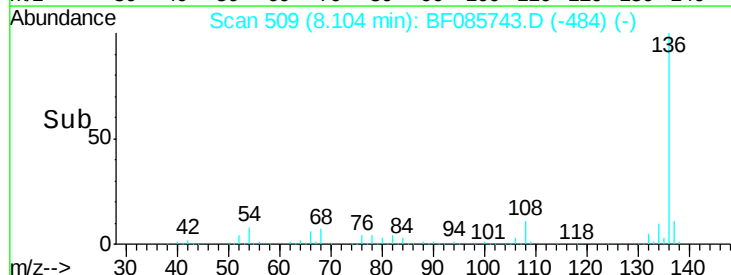
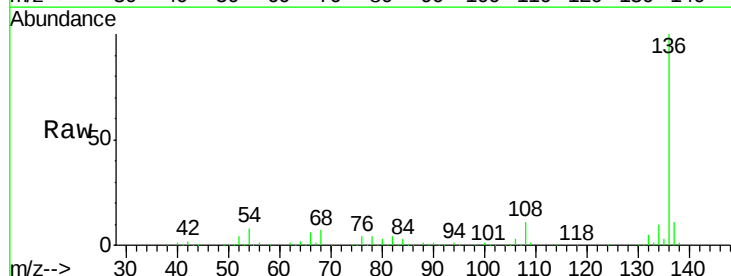
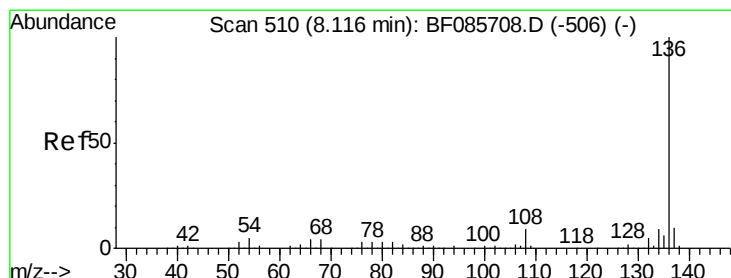
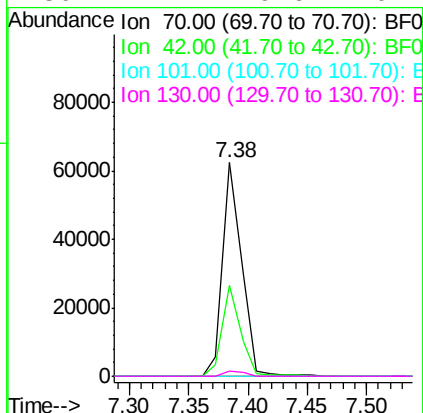




#19
n-Nitroso-di-n-propylamine
Concen: 14.03 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.14 min
Lab File: BF085743.D
Acq: 25 Mar 2016 5:39

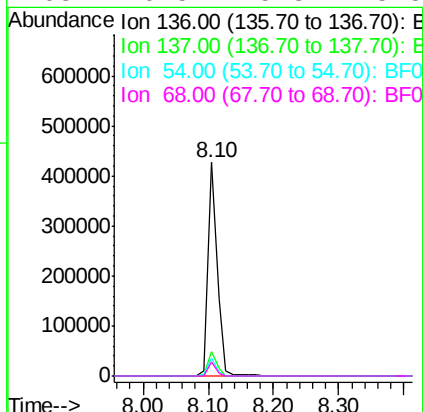
Instrument :
BNA_F
ClientSampleId :
PB89081TB

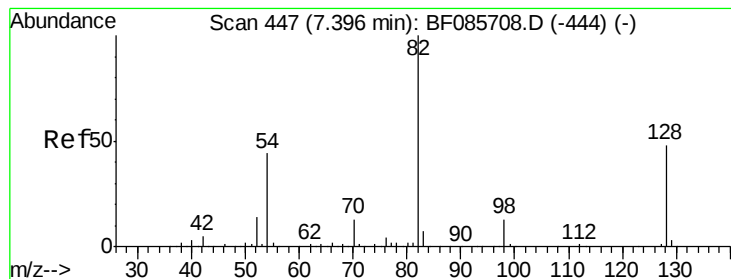
Tgt Ion: 70 Resp: 69108
Ion Ratio Lower Upper
70 100
42 42.9 37.1 55.7
101 0.0 8.6 12.8#
130 2.2 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085743.D
Acq: 25 Mar 2016 5:39

Tgt Ion: 136 Resp: 421981
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.2 7.4 11.0
68 6.5 5.8 8.8





#23

Nitrobenzene-d5

Concen: 71.41 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085743.D

Acq: 25 Mar 2016 5:39

Instrument :

BNA_F

ClientSampleId :

PB89081TB

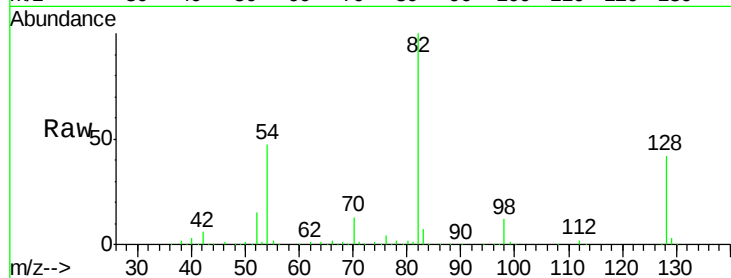
Tgt Ion: 82 Resp: 535132

Ion Ratio Lower Upper

82 100

128 41.6 41.8 62.8#

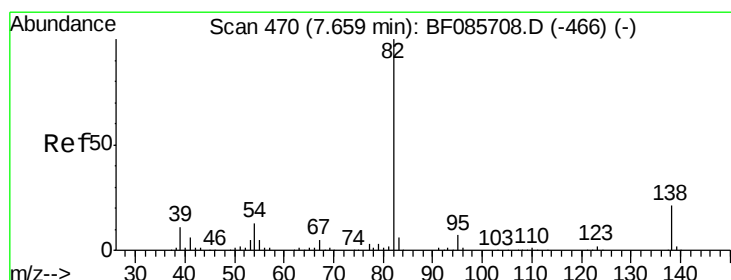
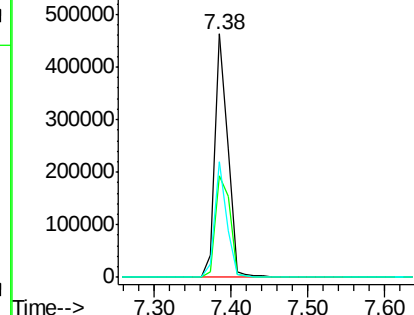
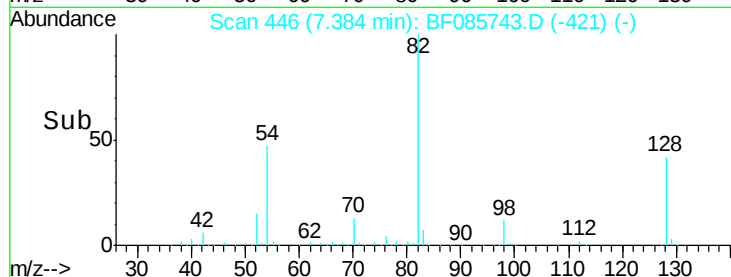
54 47.4 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 34.78 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.27 min

Lab File: BF085743.D

Acq: 25 Mar 2016 5:39

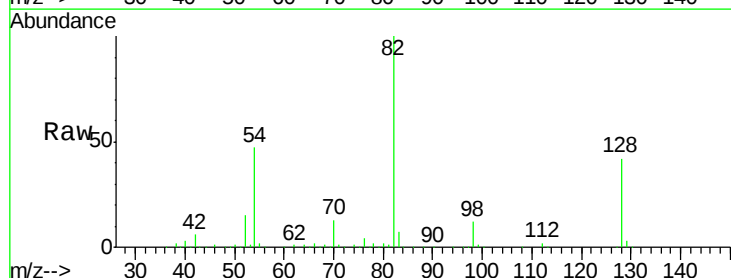
Tgt Ion: 82 Resp: 501993

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

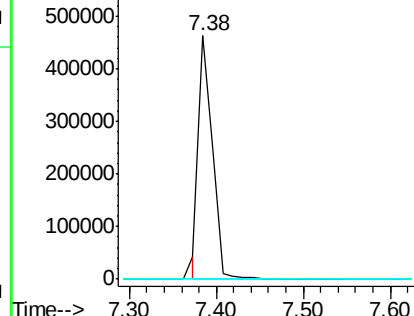
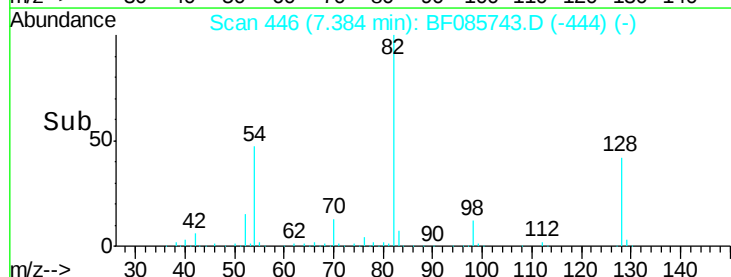
138 0.0 12.9 19.3#

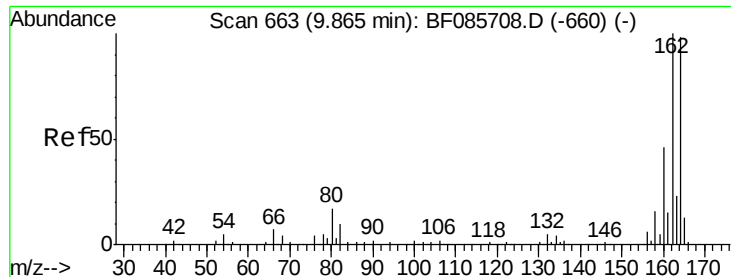


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF085743.D

Acq: 25 Mar 2016 5:39

Instrument :

BNA_F

ClientSampleId :

PB89081TB

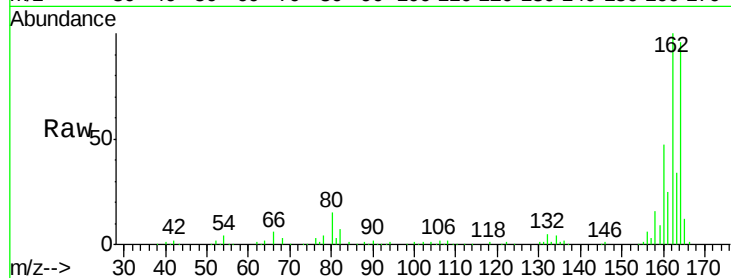
Tgt Ion:164 Resp: 201905

Ion Ratio Lower Upper

164 100

162 103.7 82.1 123.1

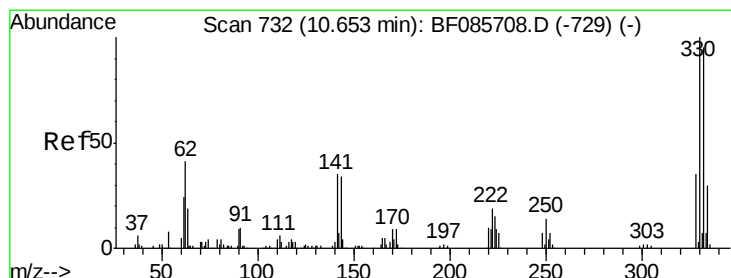
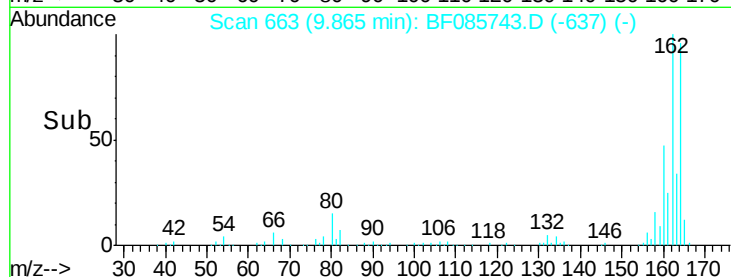
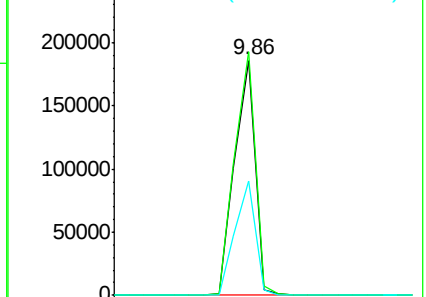
160 48.5 37.4 56.2



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: 131.11 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF085743.D

Acq: 25 Mar 2016 5:39

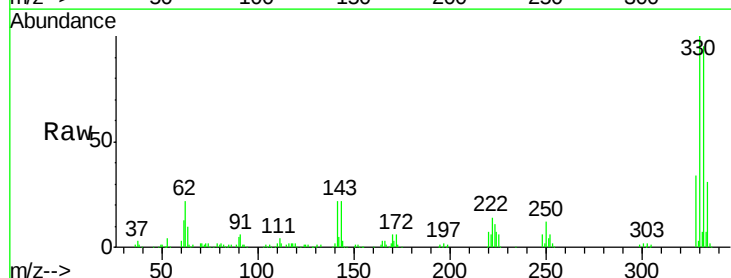
Tgt Ion:330 Resp: 251506

Ion Ratio Lower Upper

330 100

332 95.4 78.2 117.2

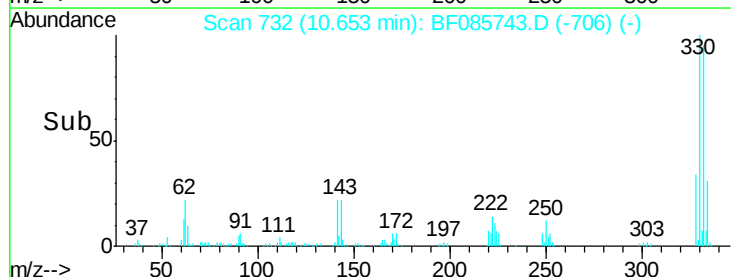
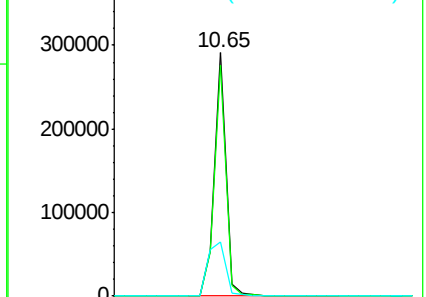
141 34.5 31.5 47.3

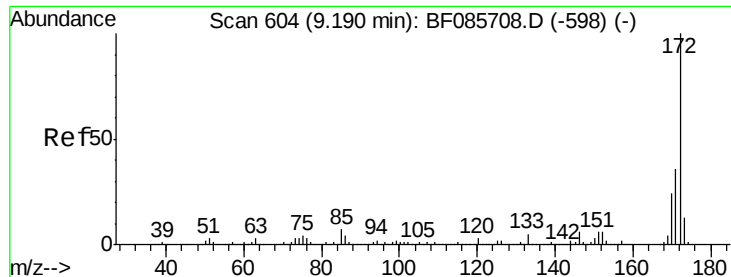


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

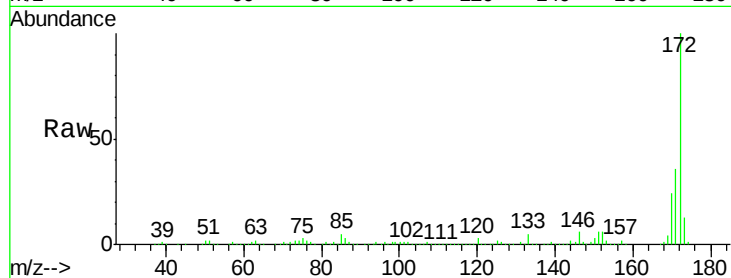




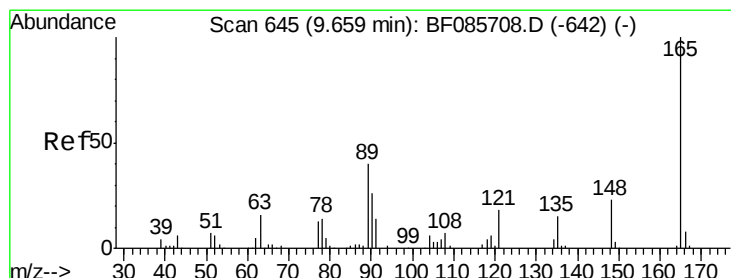
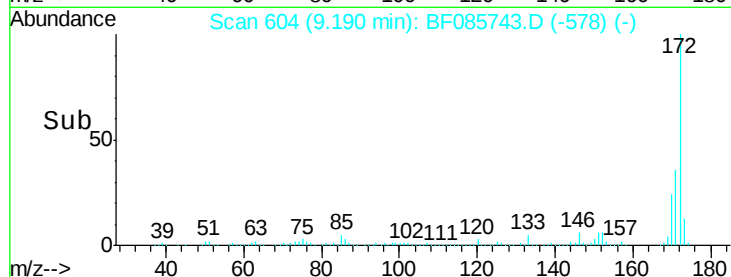
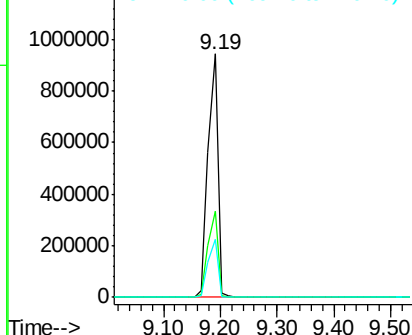
#44
 2-Fluorobiphenyl
 Concen: 88.97 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085743.D
 Acq: 25 Mar 2016 5:39

Instrument :
 BNA_F
 ClientSampleId :
 PB89081TB

Tgt Ion:172 Resp: 1075206
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.2
 170 24.0 19.8 29.6

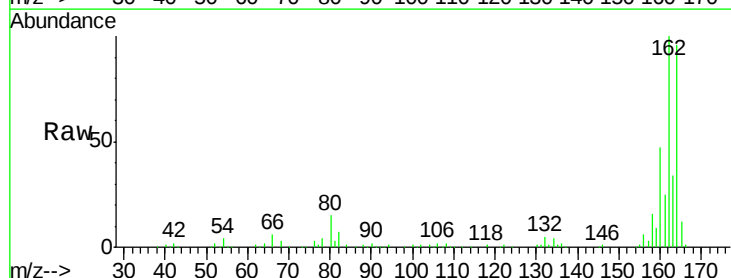


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

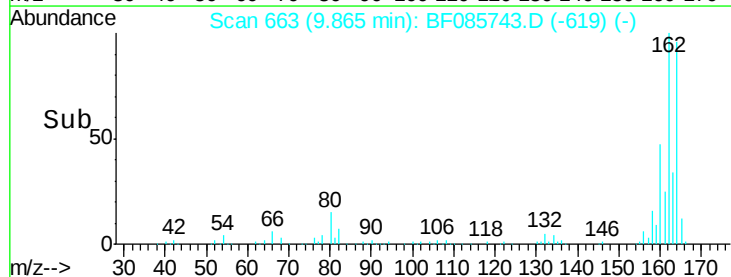
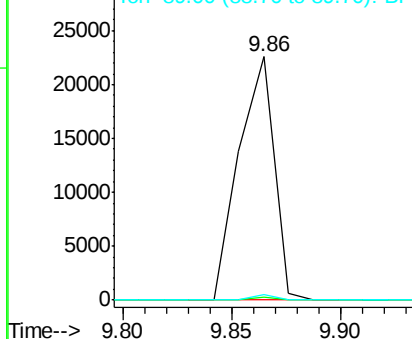


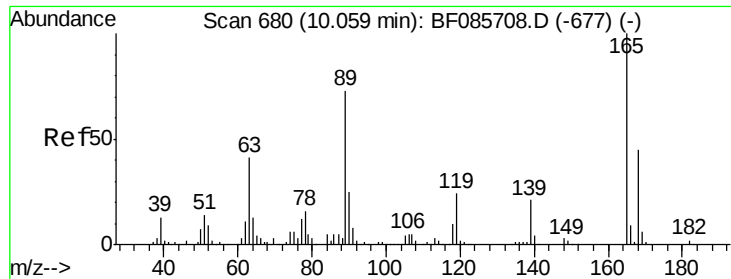
#50
 2,6-Dinitrotoluene
 Concen: 7.70 ng
 RT: 9.86 min Scan# 663
 Delta R.T. 0.21 min
 Lab File: BF085743.D
 Acq: 25 Mar 2016 5:39

Tgt Ion:165 Resp: 25382
 Ion Ratio Lower Upper
 165 100
 63 1.5 51.8 77.8#
 89 2.0 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

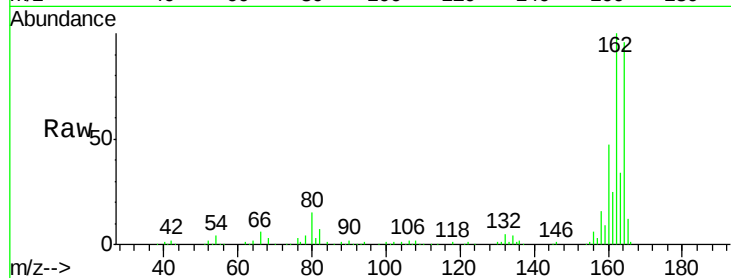




#56
 2,4-Dinitrotoluene
 Concen: 6.06 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.19 min
 Lab File: BF085743.D
 Acq: 25 Mar 2016 5:39

Instrument :
 BNA_F
 ClientSampleId :
 PB89081TB

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	24.9	37.3#
89	2.0	41.0	61.6#
182	0.0	2.1	3.1#

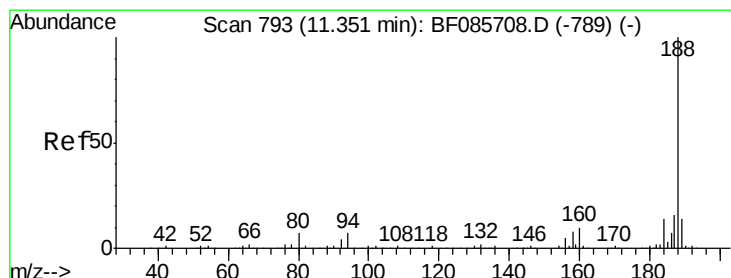
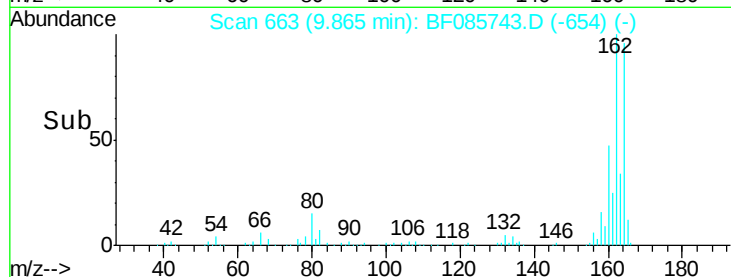
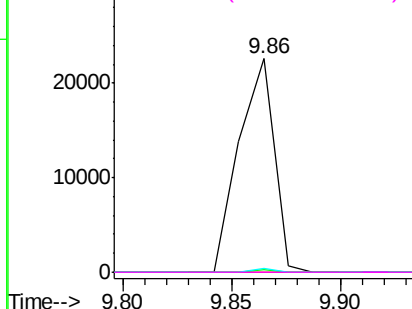


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

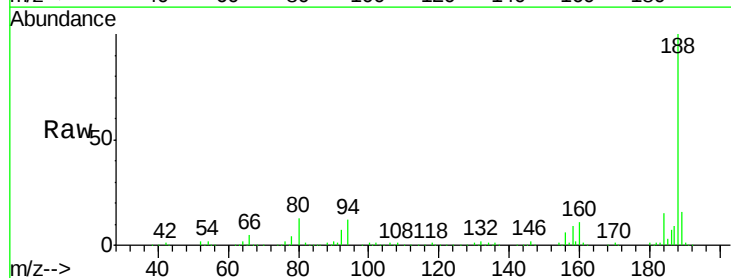
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085743.D
 Acq: 25 Mar 2016 5:39

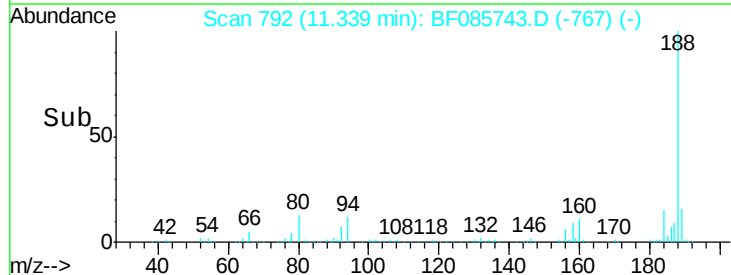
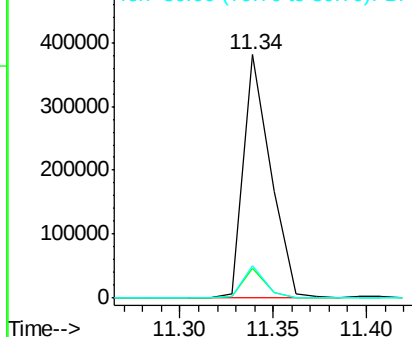
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.1	5.4	8.0#
80	13.1	5.5	8.3#

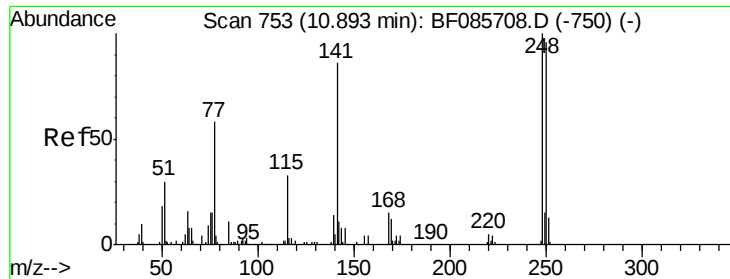


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

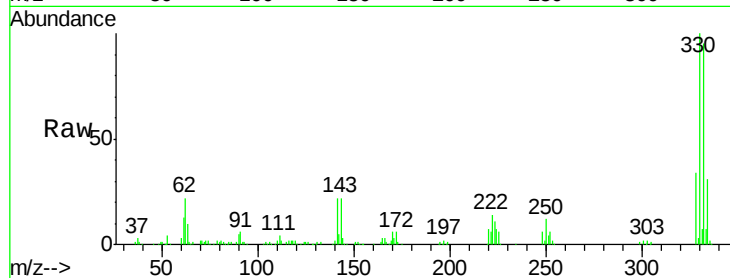




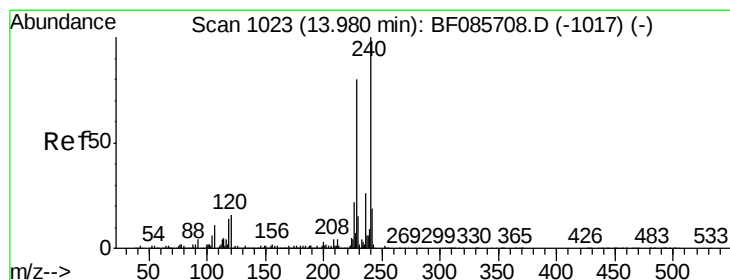
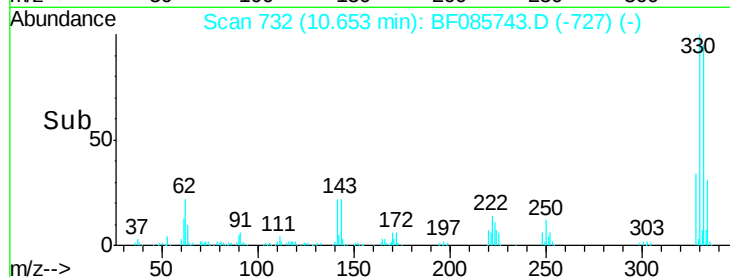
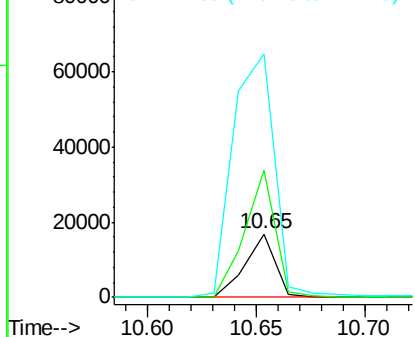
#66
 4-Bromophenyl-phenylether
 Concen: 4.07 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.24 min
 Lab File: BF085743.D
 Acq: 25 Mar 2016 5:39

Instrument :
 BNA_F
 ClientSampleId :
 PB89081TB

Tgt Ion:248 Resp: 16172
 Ion Ratio Lower Upper
 248 100
 250 200.5 77.4 116.0#
 141 383.2 63.6 95.4#

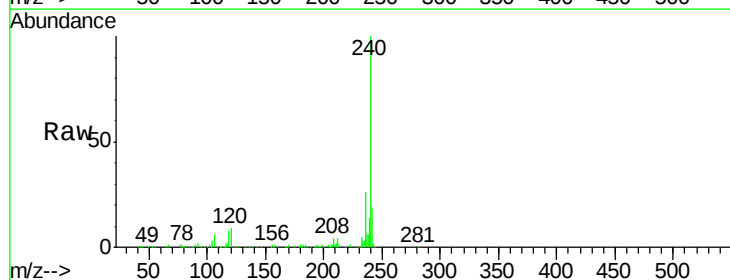


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

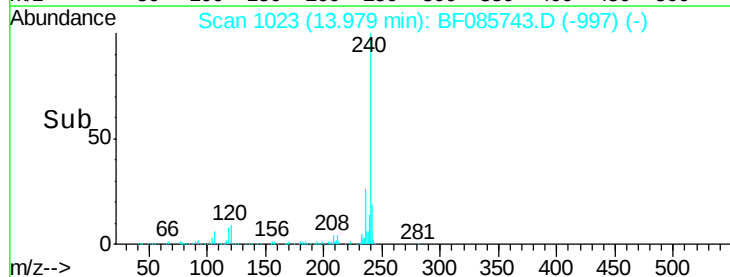
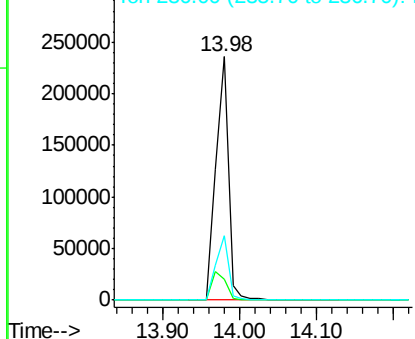


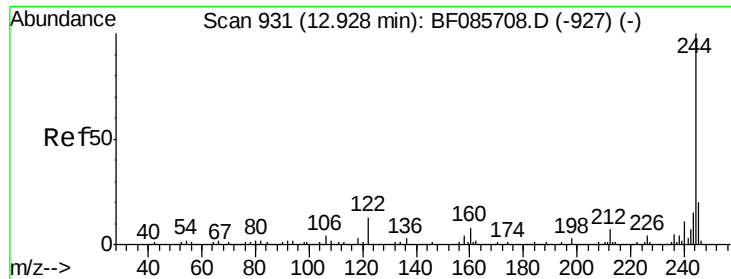
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF085743.D
 Acq: 25 Mar 2016 5:39

Tgt Ion:240 Resp: 265617
 Ion Ratio Lower Upper
 240 100
 120 8.7 13.8 20.8#
 236 26.3 20.6 30.8



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

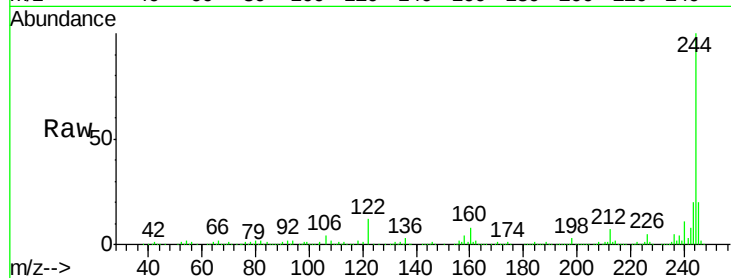




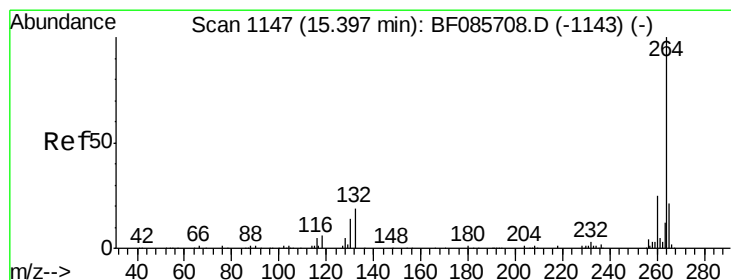
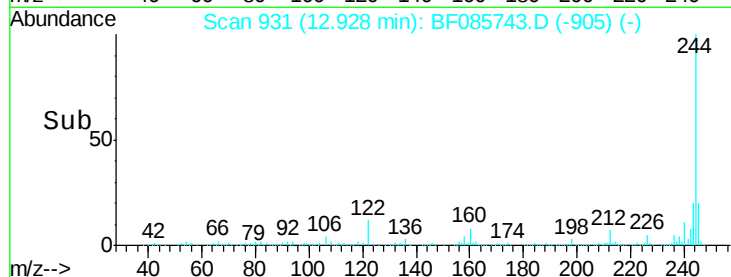
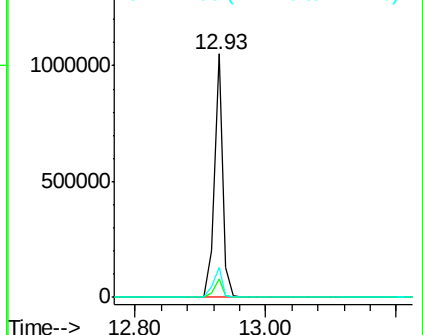
#78
 Terphenyl-d14
 Concen: 74.44 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085743.D
 Acq: 25 Mar 2016 5:39

Instrument :
 BNA_F
 ClientSampleId :
 PB89081TB

Tgt Ion:244 Resp: 961443
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 12.5 10.2 15.4

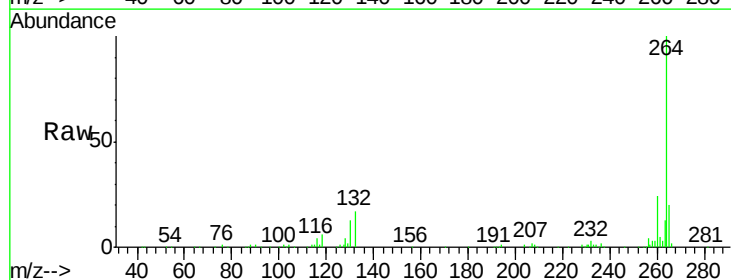


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085743.D
 Acq: 25 Mar 2016 5:39

Tgt Ion:264 Resp: 197480
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 20.4 17.2 25.8



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

