

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085723.D
 Acq On : 24 Mar 2016 19:42
 Operator : UM/SJ
 Sample : H1881-22
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK-3-18-16

Quant Time: Mar 24 23:53:27 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

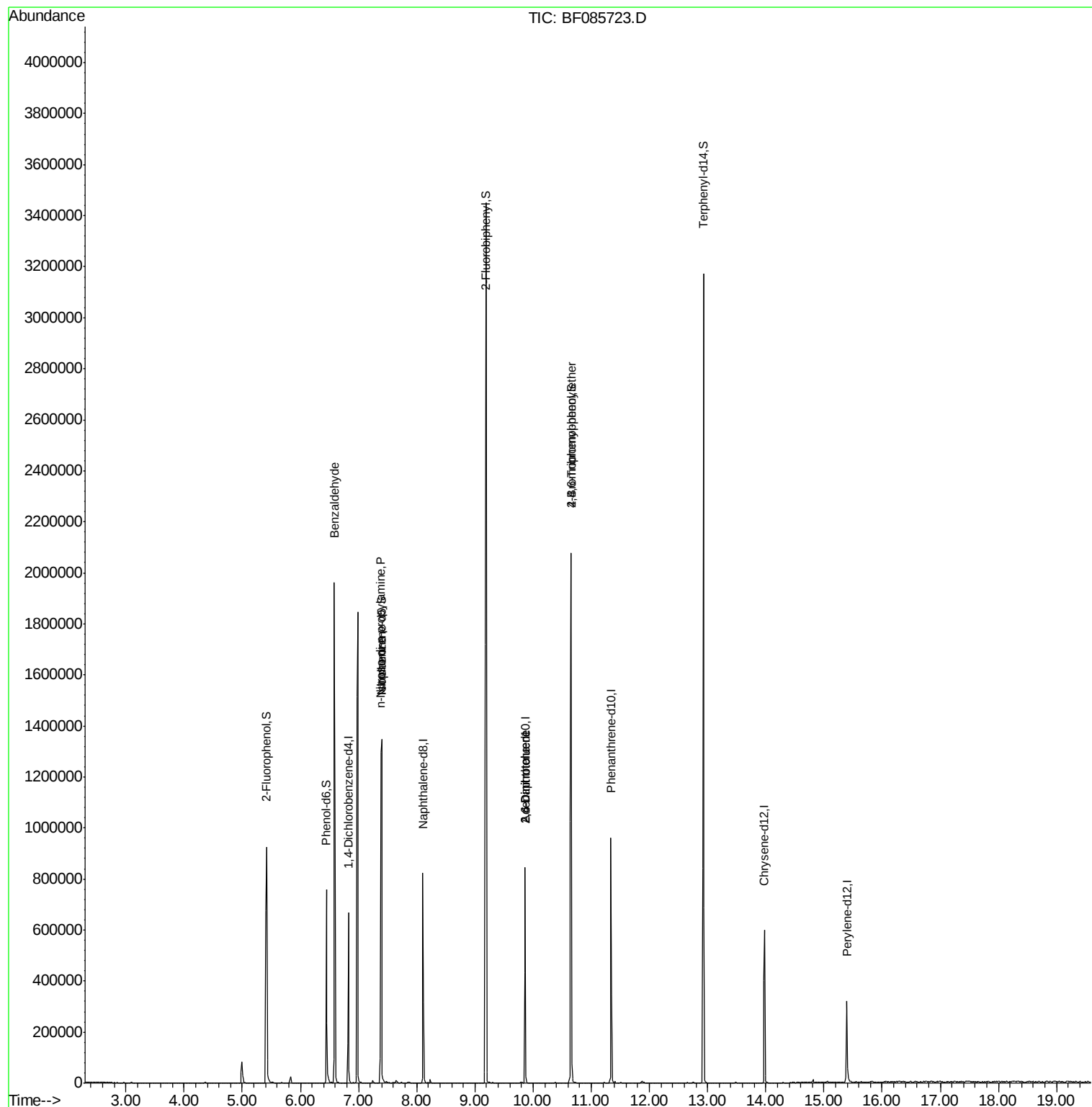
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	103129	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	411771	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	192364	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	370172	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	269601	20.00	ng	0.00
86) Perylene-d12	15.40	264	179286	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	384031	62.02	ng	0.01
7) Phenol-d6	6.45	99	289539	36.78	ng	-0.01
23) Nitrobenzene-d5	7.40	82	692658	94.73	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	303678	166.16	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1245701	108.19	ng	0.00
78) Terphenyl-d14	12.93	244	1083107	82.62	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	14760	3.11	ng	# 75
19) n-Nitroso-di-n-propylamine	7.38	70	89853	19.06	ng	# 80
25) Isophorone	7.40	82	663169	47.08	ng	# 68
50) 2,6-Dinitrotoluene	9.86	165	24513	7.80	ng	# 18
56) 2,4-Dinitrotoluene	9.86	165	24513	6.14	ng	# 36
66) 4-Bromophenyl-phenylether	10.65	248	20612	5.44	ng	# 1

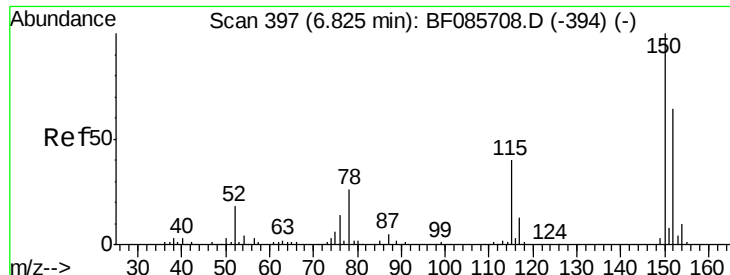
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085723.D
Acq On : 24 Mar 2016 19:42
Operator : UM/SJ
Sample : H1881-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK-3-18-16

Quant Time: Mar 24 23:53:27 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



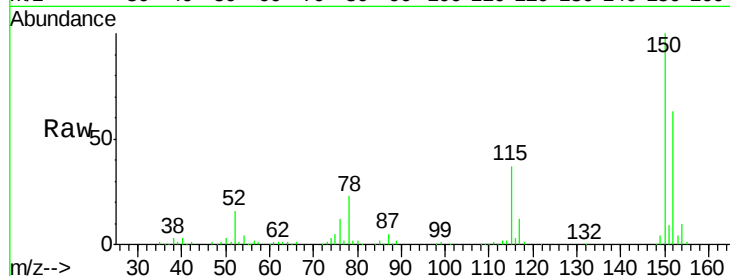


#1

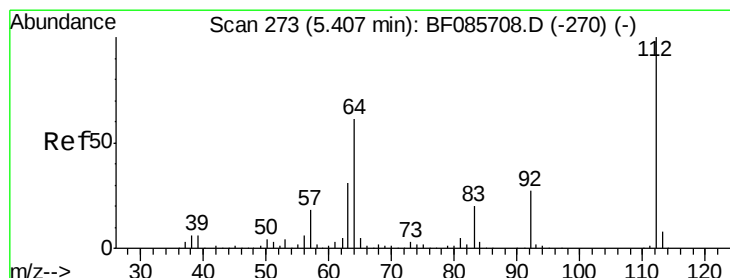
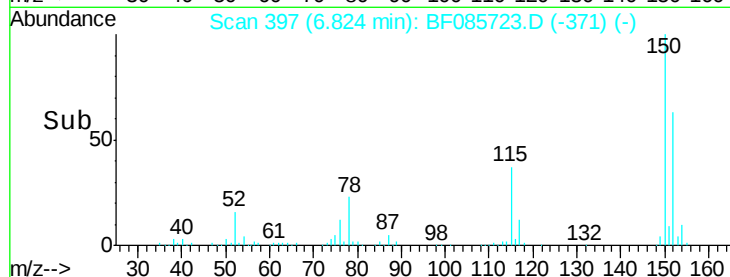
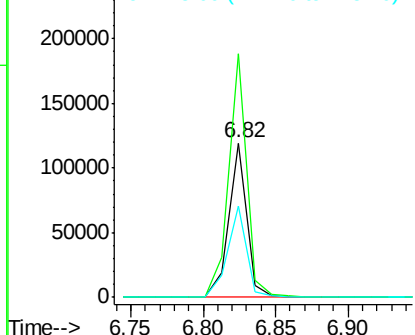
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085723.D
Acq: 24 Mar 2016 19:42

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK-3-18-16

Tgt Ion:152 Resp: 103129
Ion Ratio Lower Upper
152 100
150 157.5 124.2 186.2
115 58.8 47.0 70.6



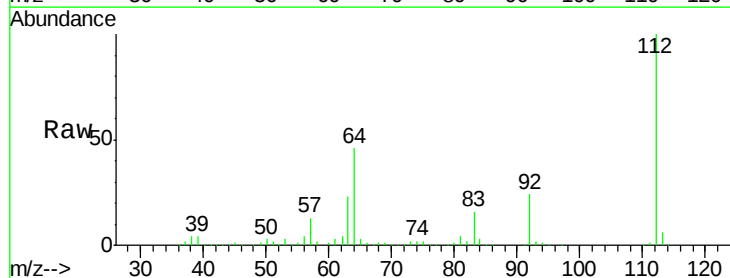
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



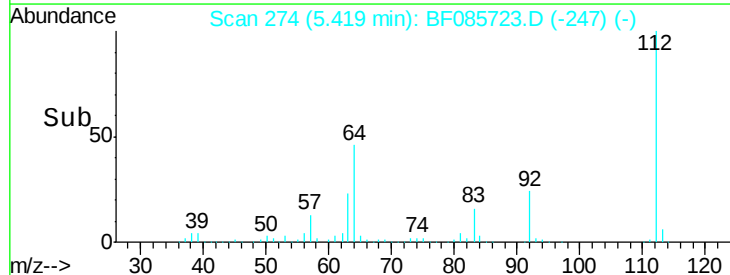
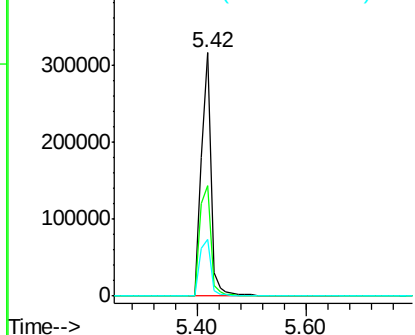
#5

2-Fluorophenol
Concen: 62.02 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085723.D
Acq: 24 Mar 2016 19:42

Tgt Ion:112 Resp: 384031
Ion Ratio Lower Upper
112 100
64 45.6 39.9 59.9
63 23.3 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: 36.78 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085723.D

Acq: 24 Mar 2016 19:42

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK-3-18-16

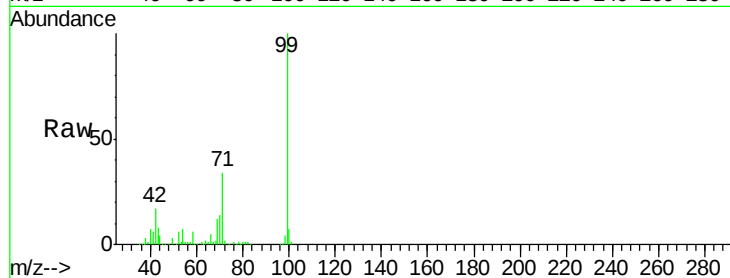
Tgt Ion: 99 Resp: 289539

Ion Ratio Lower Upper

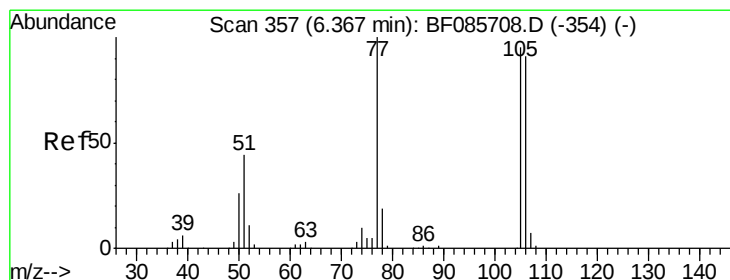
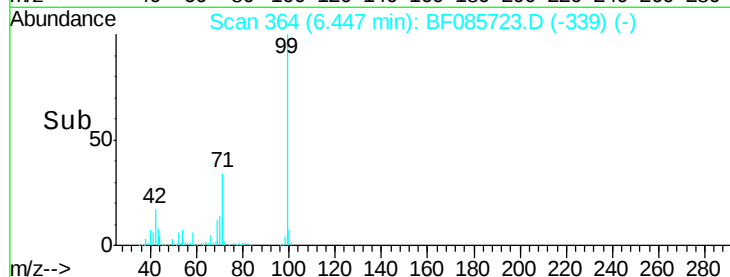
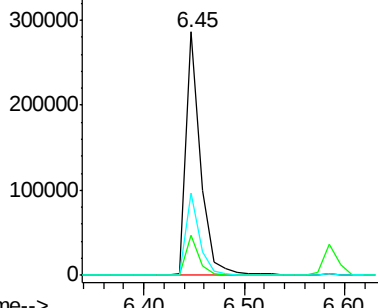
99 100

42 16.5 11.1 16.7

71 33.6 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



#9

Benzaldehyde

Concen: 3.11 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.22 min

Lab File: BF085723.D

Acq: 24 Mar 2016 19:42

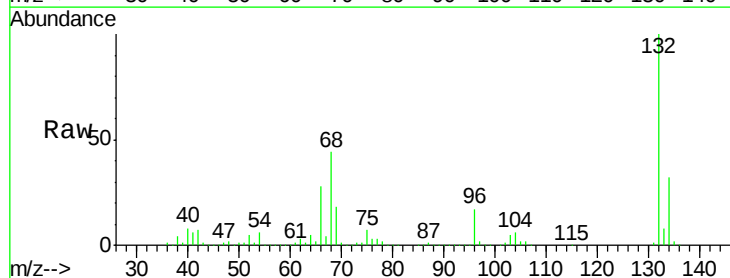
Tgt Ion: 77 Resp: 14760

Ion Ratio Lower Upper

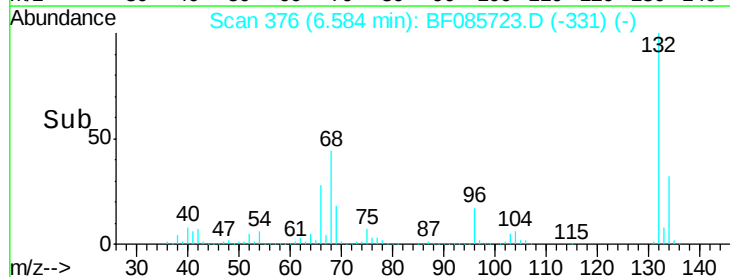
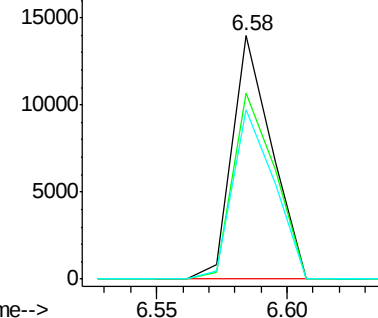
77 100

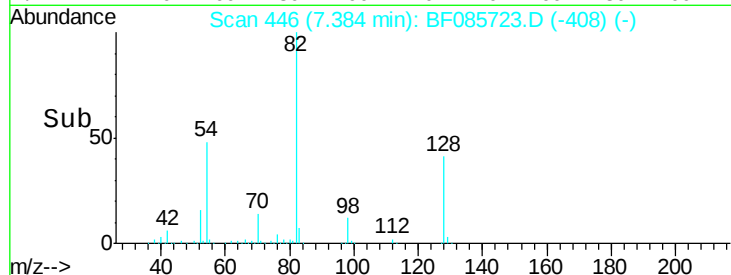
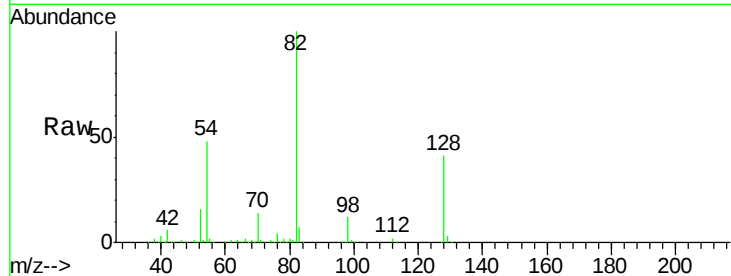
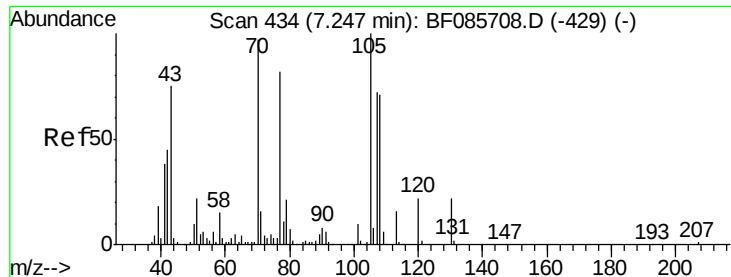
105 76.6 80.1 120.1#

106 69.6 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

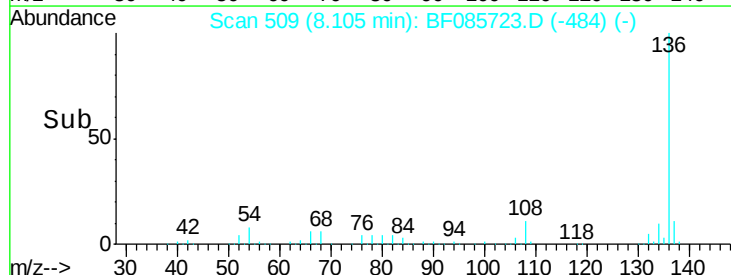
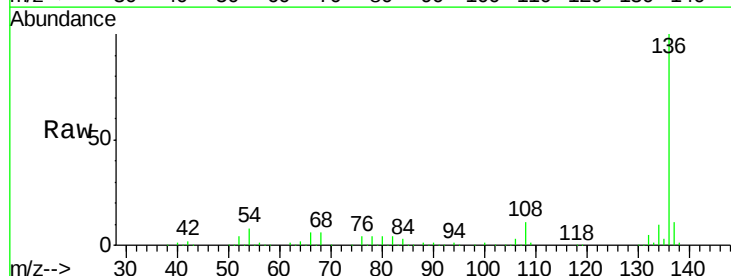
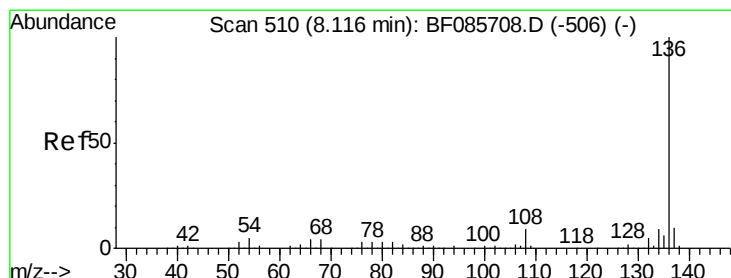
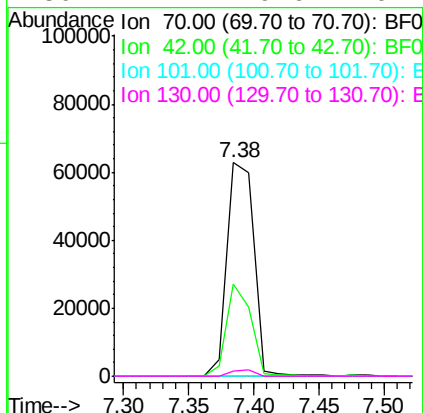




#19
n-Nitroso-di-n-propylamine
Concen: 19.06 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.14 min
Lab File: BF085723.D
Acq: 24 Mar 2016 19:42

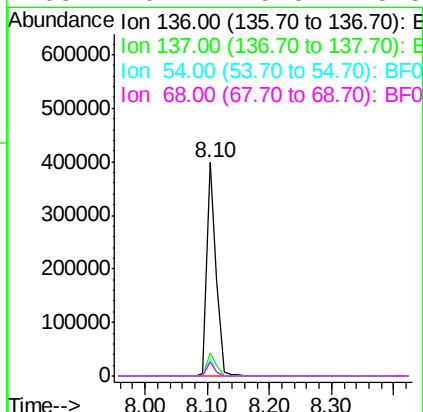
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK-3-18-16

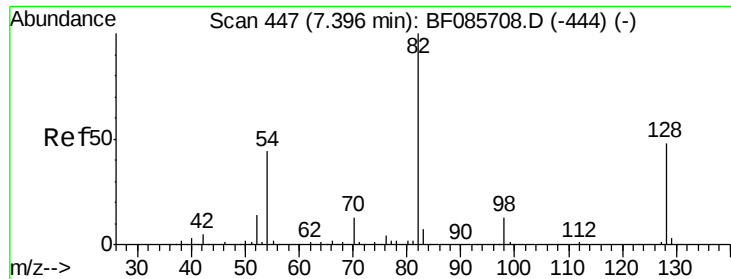
Tgt Ion: 70 Resp: 89853
Ion Ratio Lower Upper
70 100
42 43.3 37.1 55.7
101 0.0 8.6 12.8#
130 2.4 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085723.D
Acq: 24 Mar 2016 19:42

Tgt Ion: 136 Resp: 411771
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.1 7.4 11.0
68 6.4 5.8 8.8

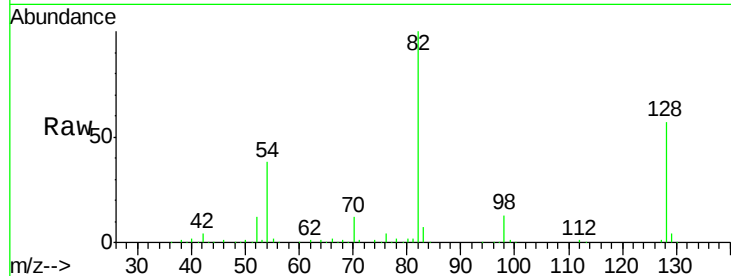




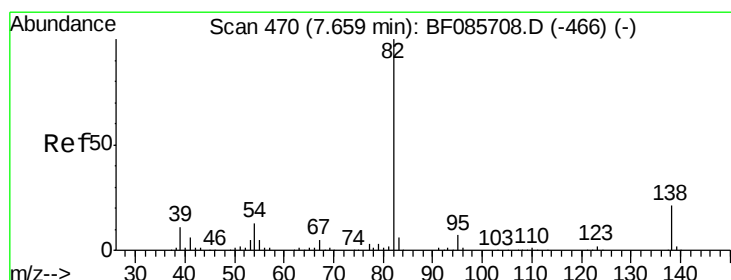
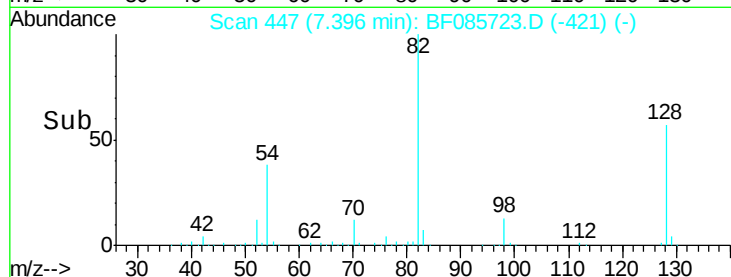
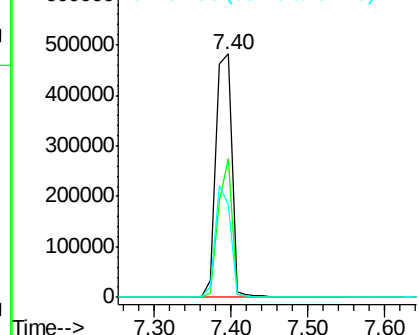
#23
 Nitrobenzene-d5
 Concen: 94.73 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085723.D
 Acq: 24 Mar 2016 19:42

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK-3-18-16

Tgt Ion: 82 Resp: 692658
 Ion Ratio Lower Upper
 82 100
 128 57.1 41.8 62.8
 54 37.8 33.4 50.0

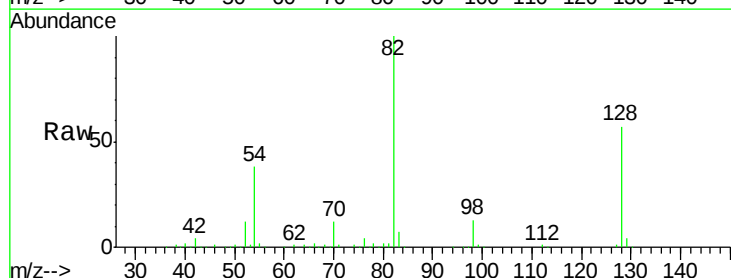


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

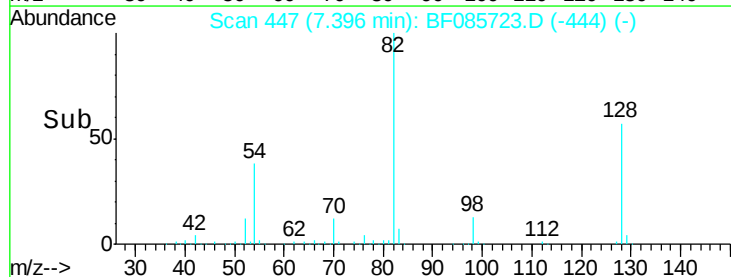
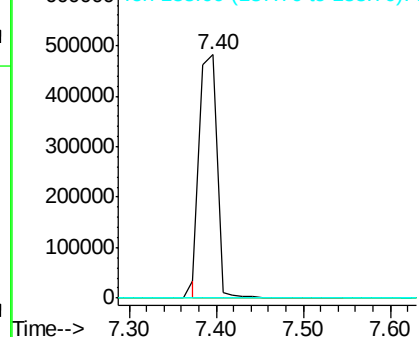


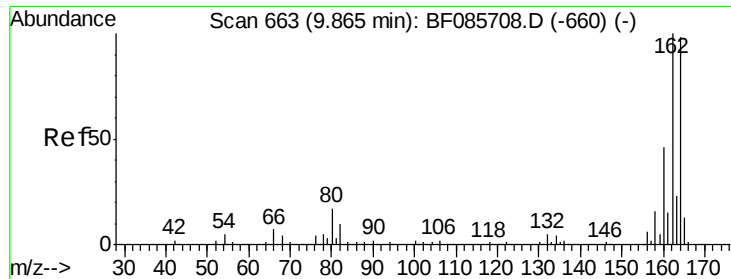
#25
 Isophorone
 Concen: 47.08 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.26 min
 Lab File: BF085723.D
 Acq: 24 Mar 2016 19:42

Tgt Ion: 82 Resp: 663169
 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

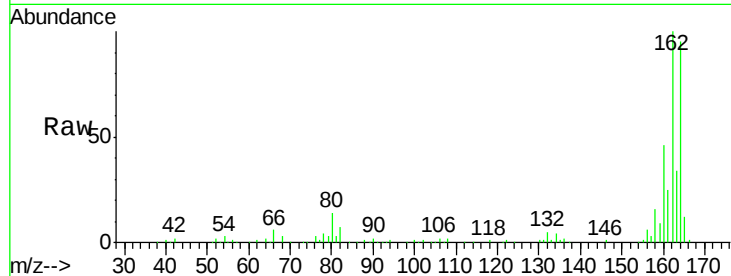




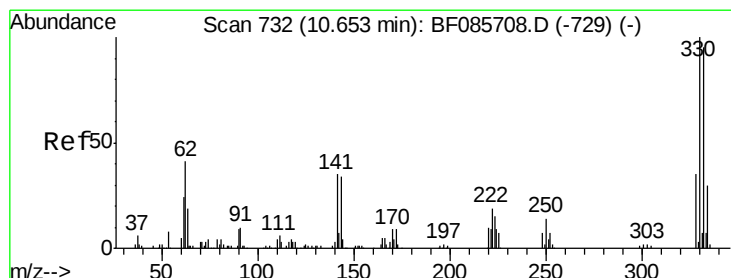
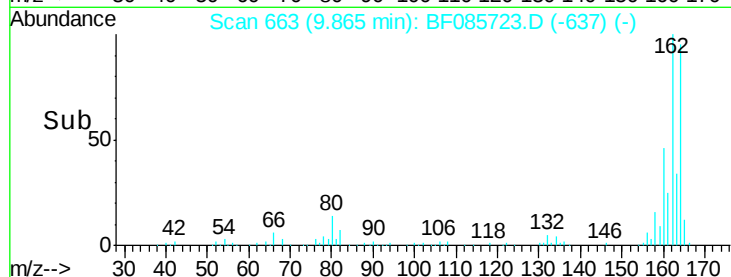
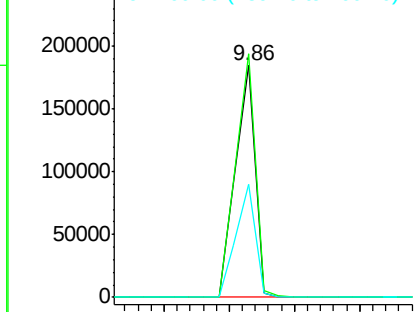
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085723.D
 Acq: 24 Mar 2016 19:42

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK-3-18-16

Tgt Ion:164 Resp: 192364
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.1 123.1
 160 48.8 37.4 56.2

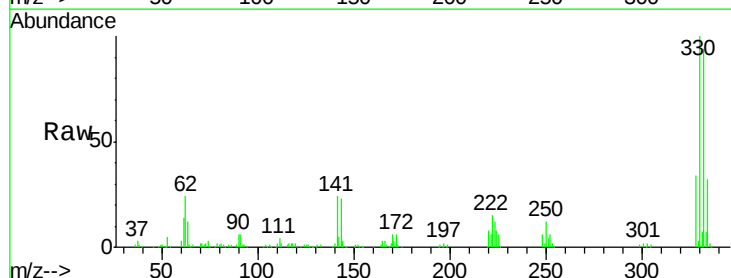


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

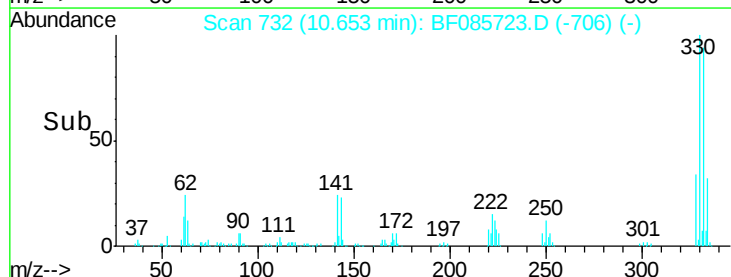
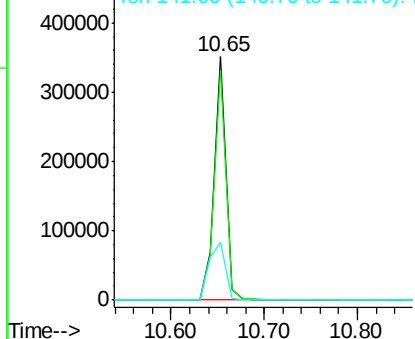


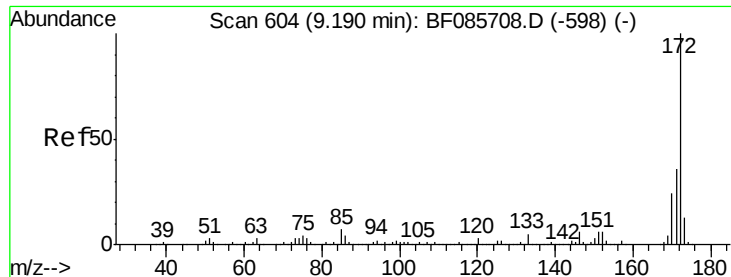
#41
 2,4,6-Tribromophenol
 Concen: 166.16 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085723.D
 Acq: 24 Mar 2016 19:42

Tgt Ion:330 Resp: 303678
 Ion Ratio Lower Upper
 330 100
 332 94.6 78.2 117.2
 141 34.1 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

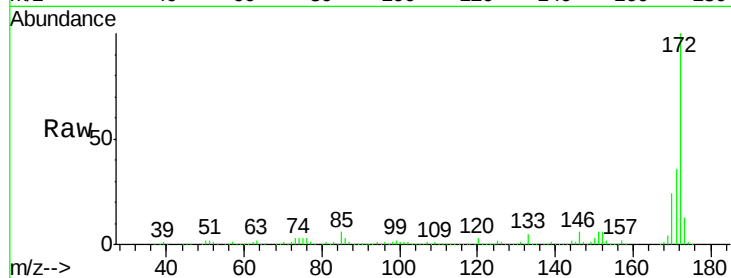




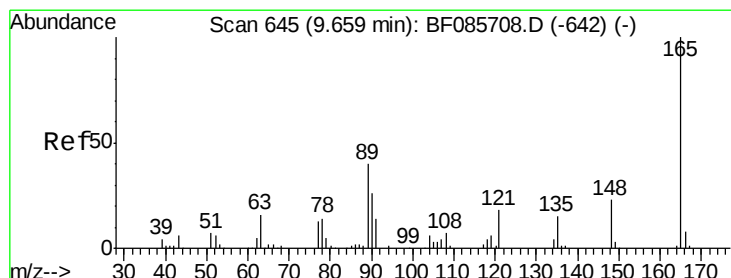
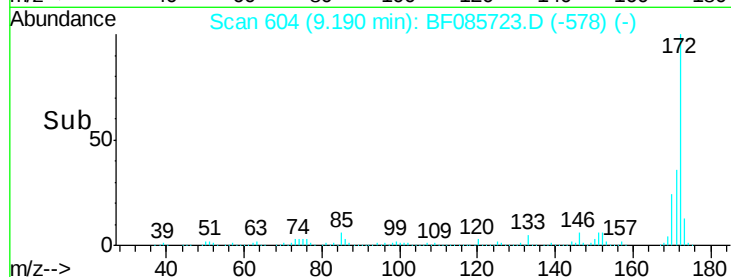
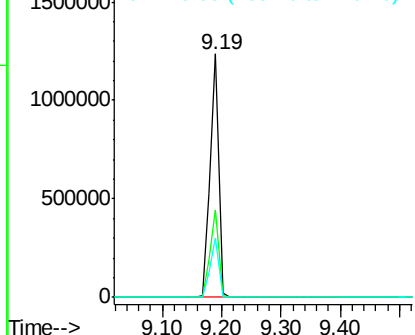
#44
 2-Fluorobiphenyl
 Concen: 108.19 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085723.D
 Acq: 24 Mar 2016 19:42

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK-3-18-16

Tgt Ion:172 Resp: 1245701
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.2
 170 24.4 19.8 29.6

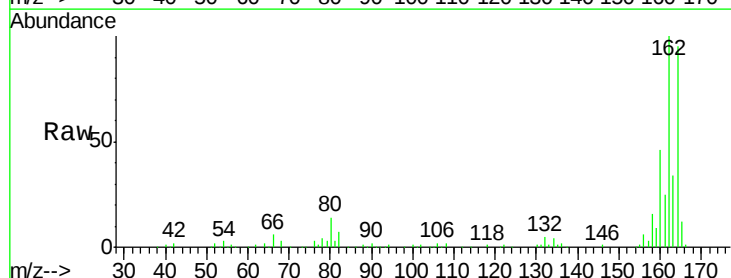


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

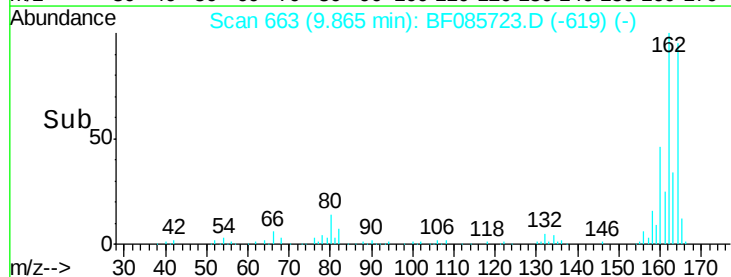
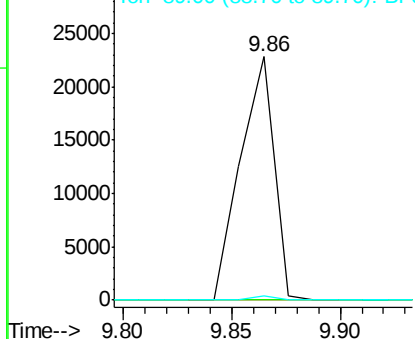


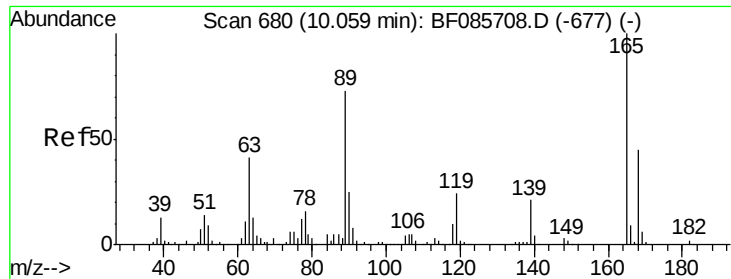
#50
 2,6-Dinitrotoluene
 Concen: 7.80 ng
 RT: 9.86 min Scan# 663
 Delta R.T. 0.21 min
 Lab File: BF085723.D
 Acq: 24 Mar 2016 19:42

Tgt Ion:165 Resp: 24513
 Ion Ratio Lower Upper
 165 100
 63 0.0 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

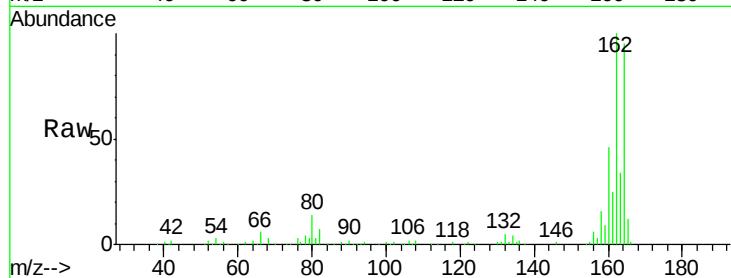




#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.19 min
 Lab File: BF085723.D
 Acq: 24 Mar 2016 19:42

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK-3-18-16

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

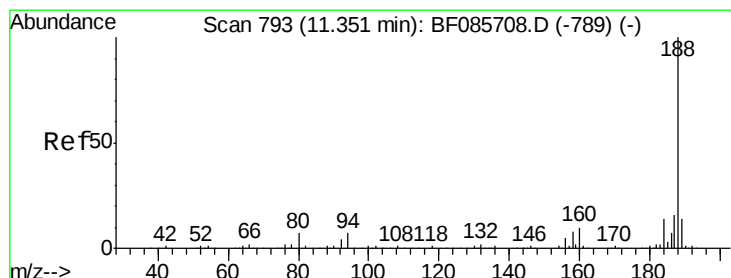
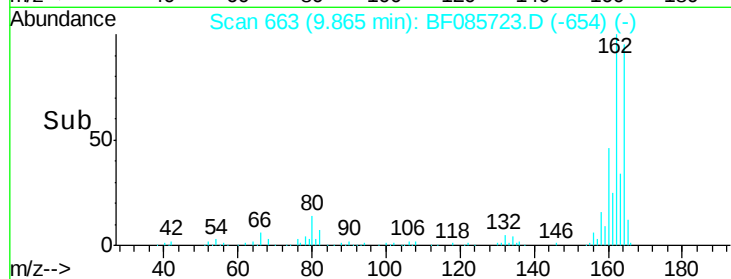
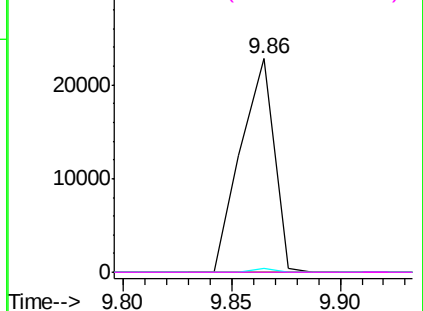


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

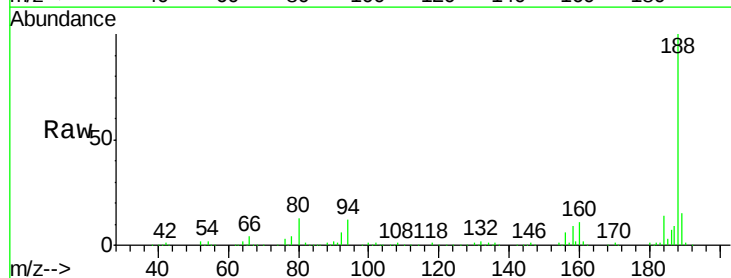
Ion 89.00 (88.70 to 89.70): BF0

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: BF085723.D
 Acq: 24 Mar 2016 19:42

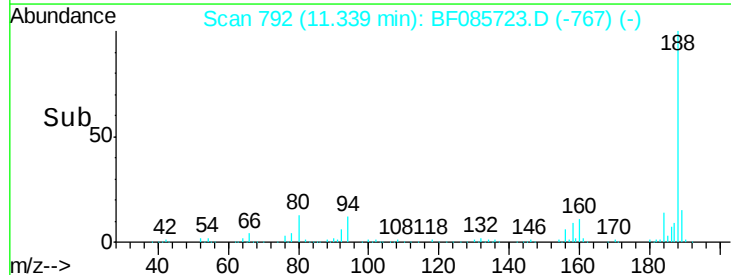
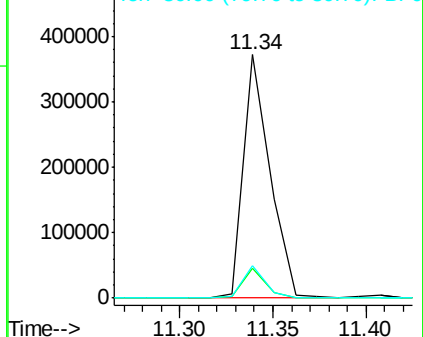
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.4	5.4	8.0#
80	13.3	5.5	8.3#

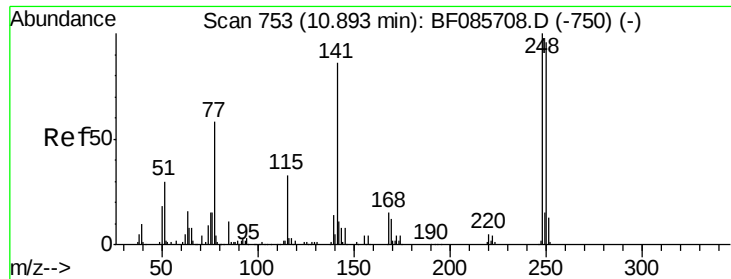


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 5.44 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.24 min

Lab File: BF085723.D

Acq: 24 Mar 2016 19:42

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK-3-18-16

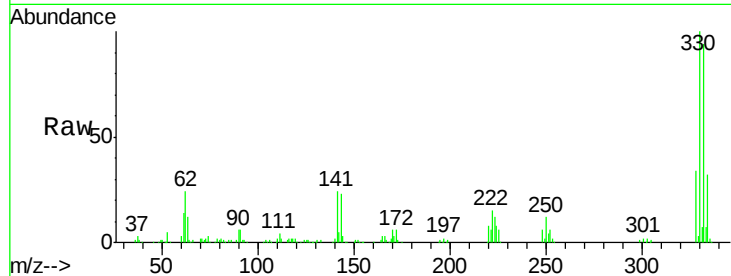
Tgt Ion:248 Resp: 20612

Ion Ratio Lower Upper

248 100

250 195.8 77.4 116.0#

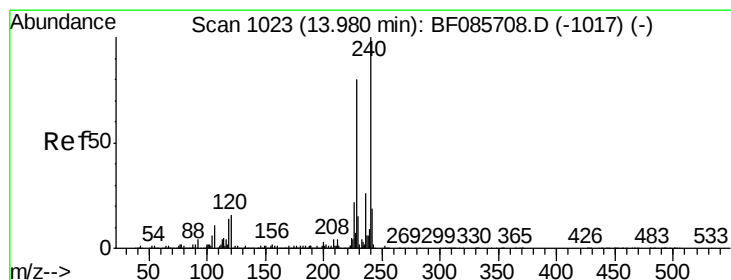
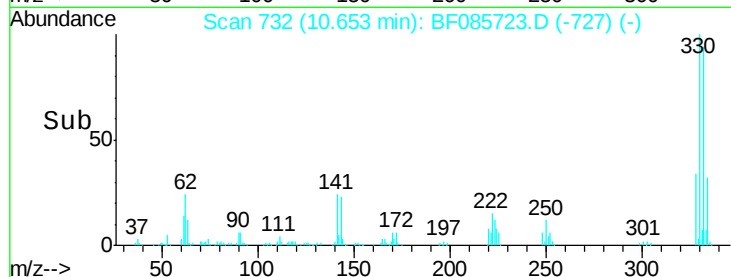
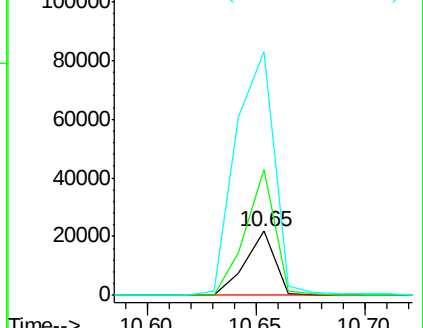
141 380.4 63.6 95.4#



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: BF085723.D

Acq: 24 Mar 2016 19:42

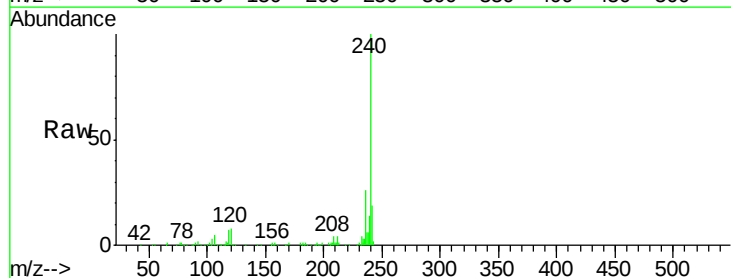
Tgt Ion:240 Resp: 269601

Ion Ratio Lower Upper

240 100

120 8.2 13.8 20.8#

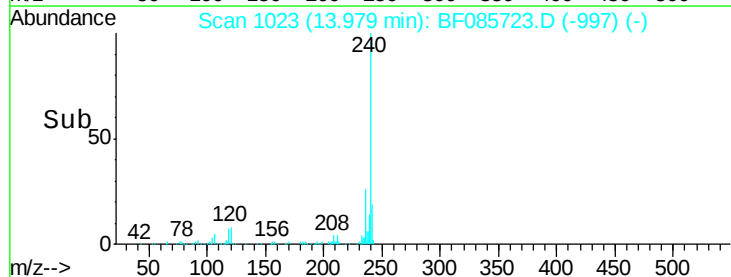
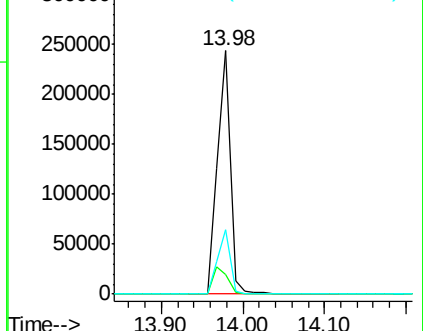
236 26.4 20.6 30.8

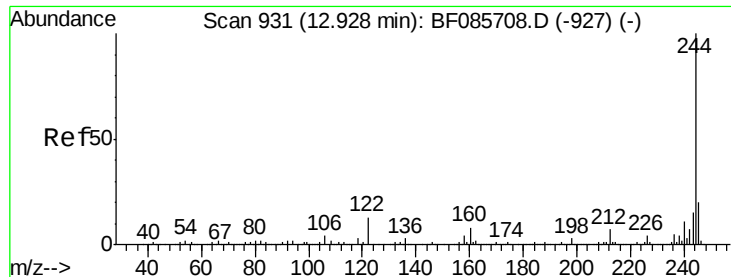


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

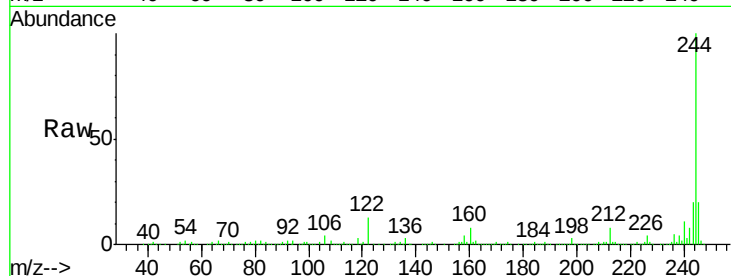




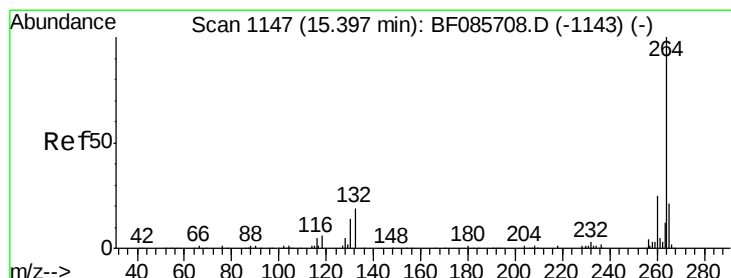
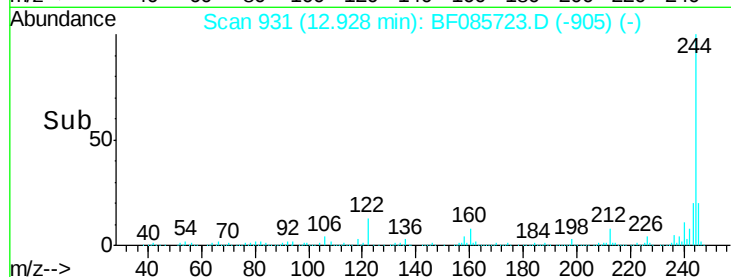
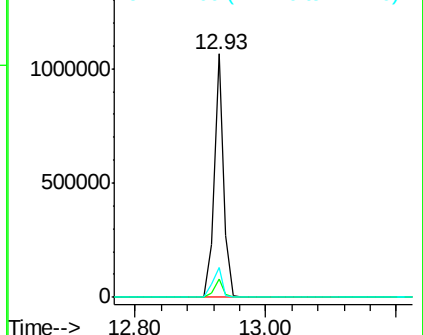
#78
 Terphenyl-d14
 Concen: 82.62 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085723.D
 Acq: 24 Mar 2016 19:42

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK-3-18-16

Tgt Ion:244 Resp: 1083107
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 12.5 10.2 15.4

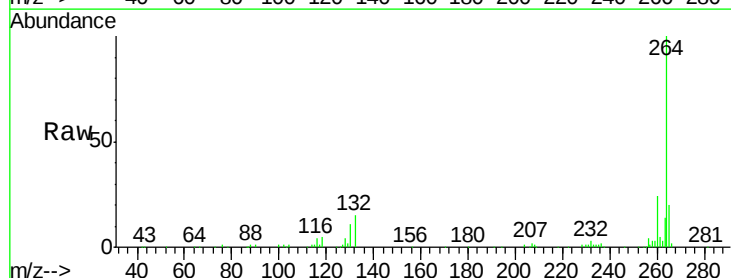


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085723.D
 Acq: 24 Mar 2016 19:42

Tgt Ion:264 Resp: 179286
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 20.5 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

