

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085879.D
 Acq On : 30 Mar 2016 11:28
 Operator : UM/SJ
 Sample : H1937-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-3-23-16

Quant Time: Mar 30 12:46:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	101064	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	420009	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	190623	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	357625	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	303337	20.00	ng	-0.01
86) Perylene-d12	15.37	264	224724	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	400799	66.05	ng	0.00
7) Phenol-d6	6.44	99	318244	41.25	ng	-0.01
23) Nitrobenzene-d5	7.36	82	664472	89.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	269493	148.80	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1269205	111.24	ng	0.00
78) Terphenyl-d14	12.91	244	1183633	80.25	ng	0.00

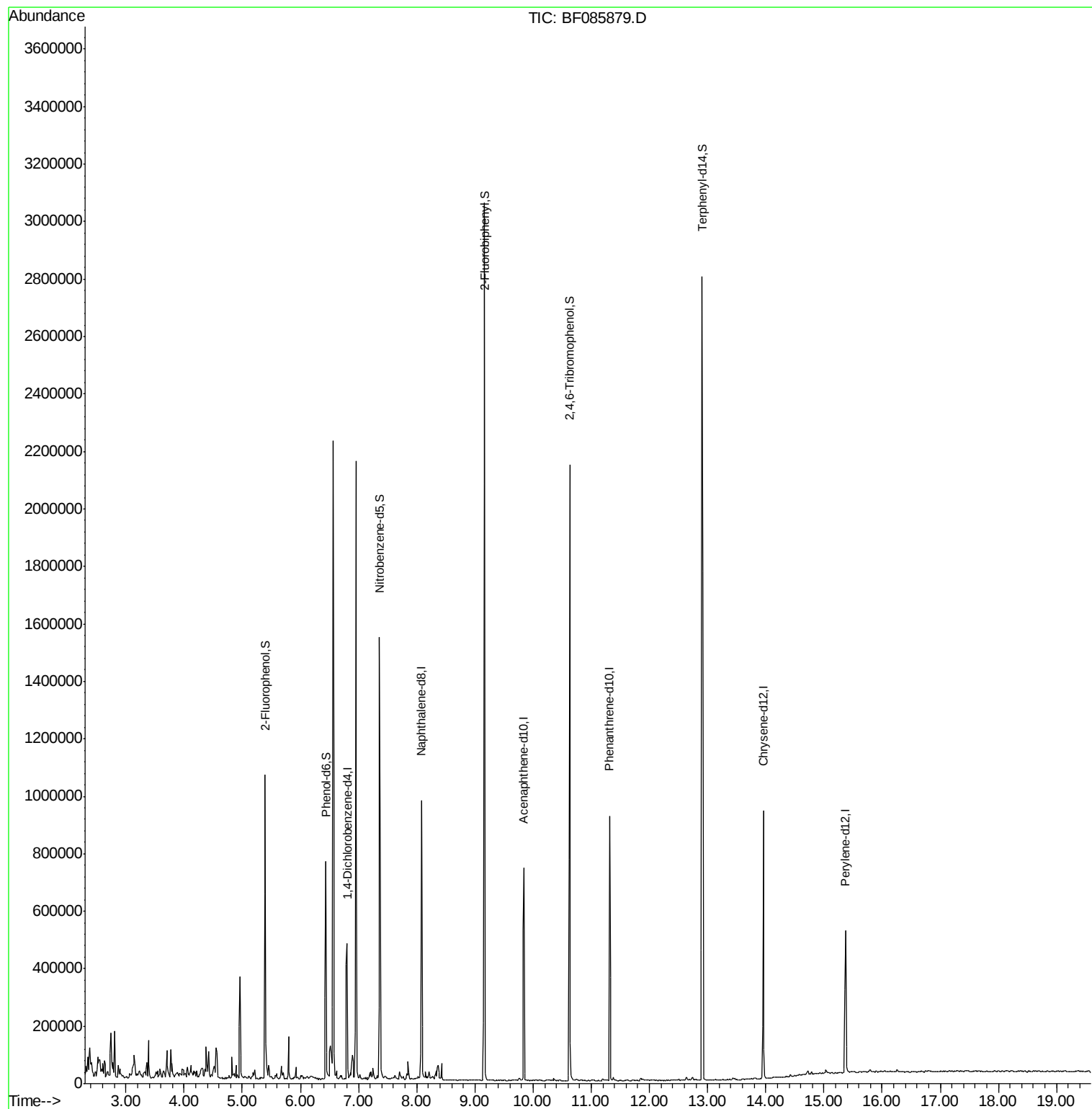
Target Compounds	Qvalue
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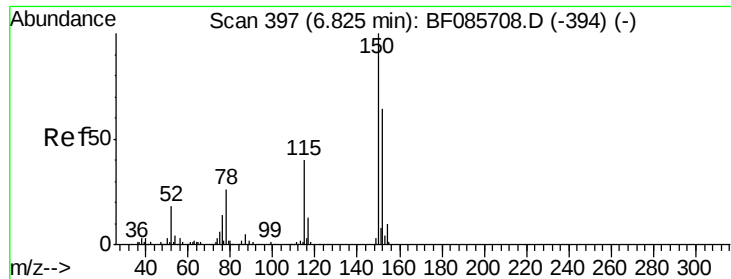
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF085879.D

Acq: 30 Mar 2016 11:28

Instrument :

BNA_F

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FIELDBLANK-3-23-16

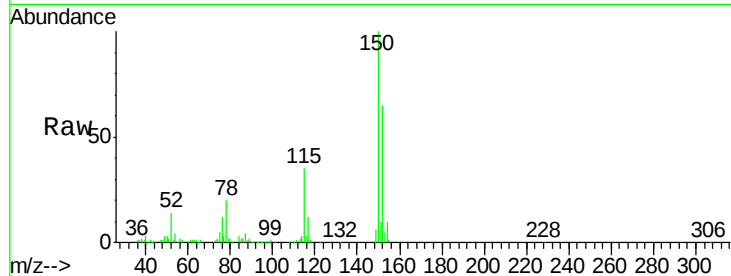
Tgt Ion:152 Resp: 101064

Ion Ratio Lower Upper

152 100

150 154.3 124.2 186.2

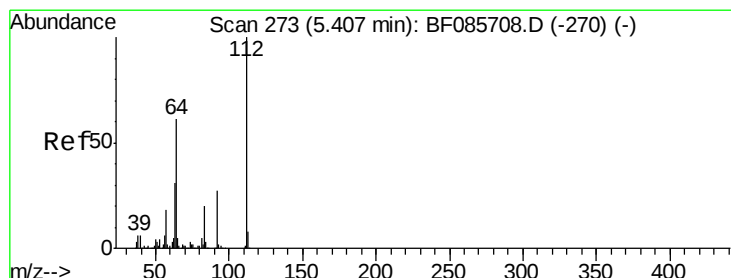
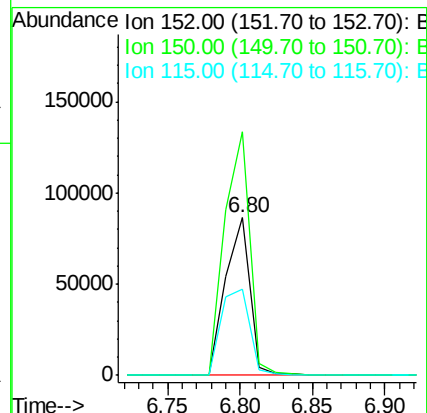
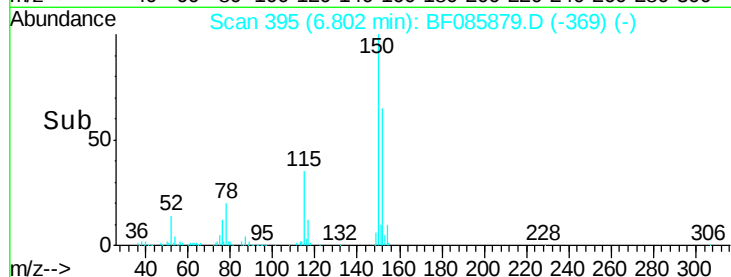
115 54.4 47.0 70.6



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: 66.05 ng

RT: 5.40 min Scan# 272

Delta R.T. 0.00 min

Lab File: BF085879.D

Acq: 30 Mar 2016 11:28

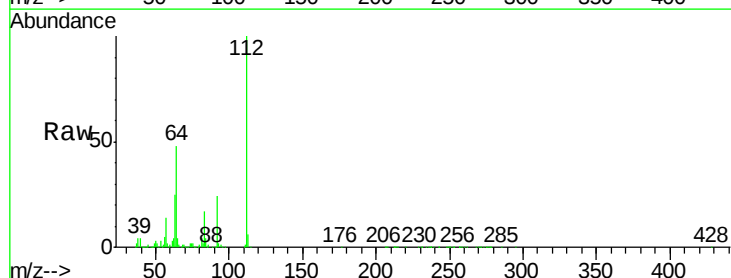
Tgt Ion:112 Resp: 400799

Ion Ratio Lower Upper

112 100

64 47.6 39.9 59.9

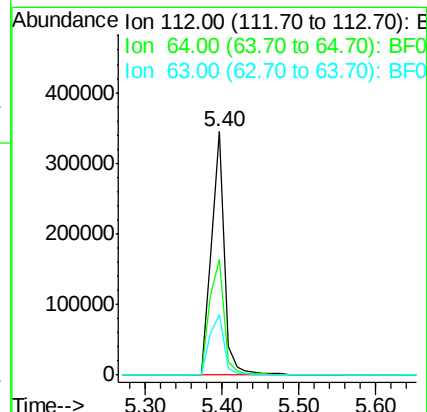
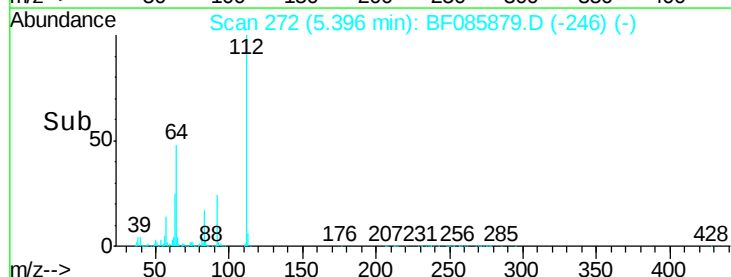
63 24.7 20.2 30.2



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: 41.25 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085879.D

Acq: 30 Mar 2016 11:28

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-23-16

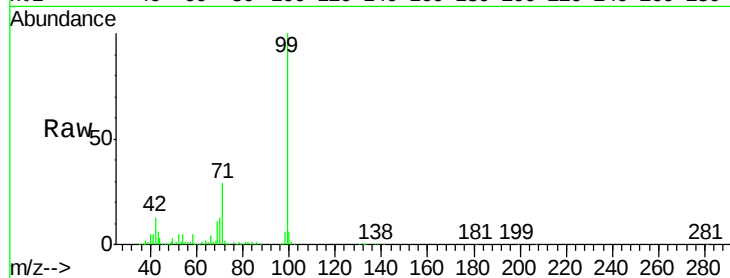
Tgt Ion: 99 Resp: 318244

Ion Ratio Lower Upper

99 100

42 13.0 11.1 16.7

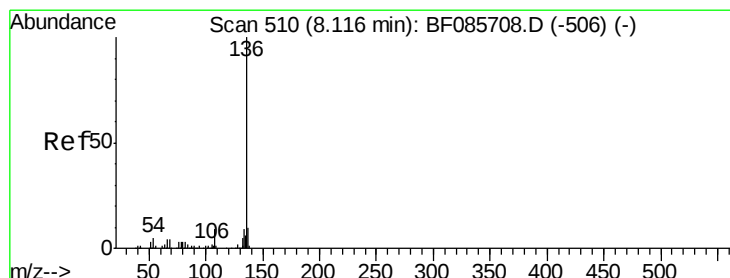
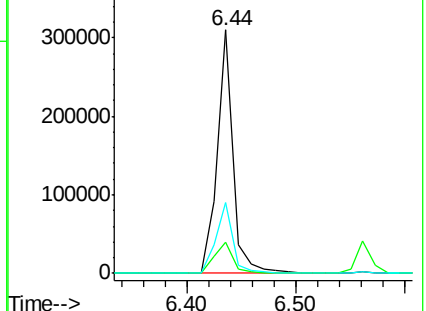
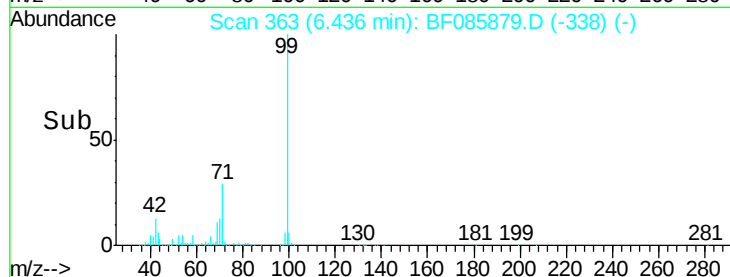
71 29.1 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF085879.D

Acq: 30 Mar 2016 11:28

Tgt Ion: 136 Resp: 420009

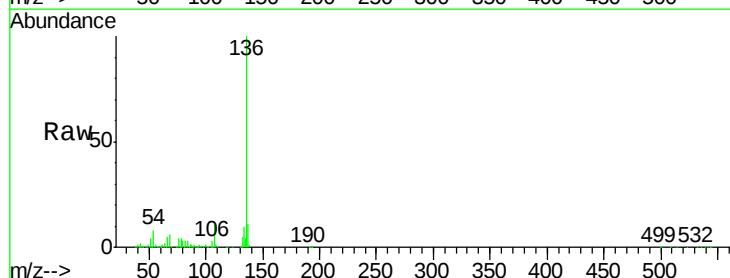
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.6 7.4 11.0

68 6.2 5.8 8.8

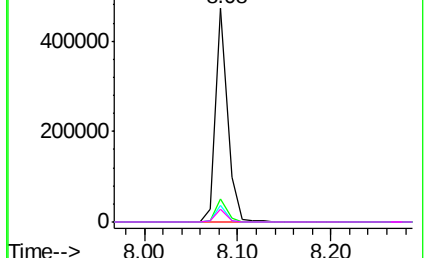
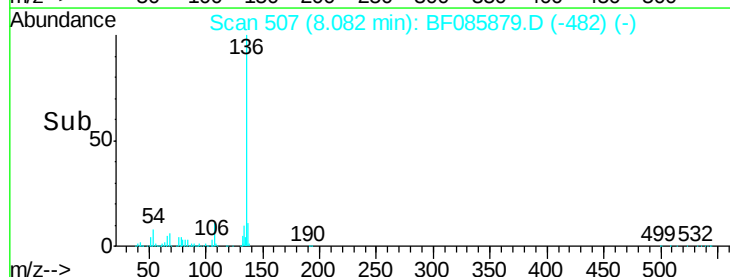


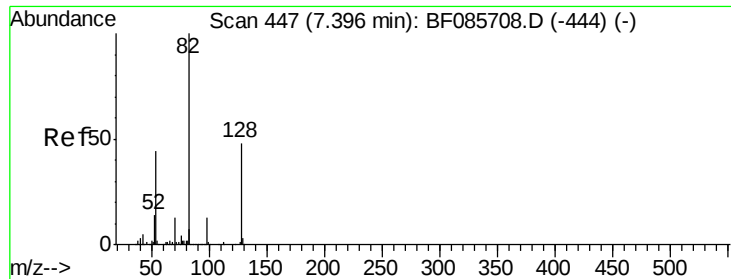
Abundance Ion 136.00 (135.70 to 136.70): E

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

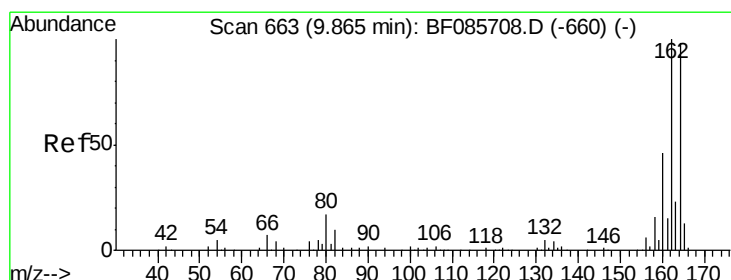
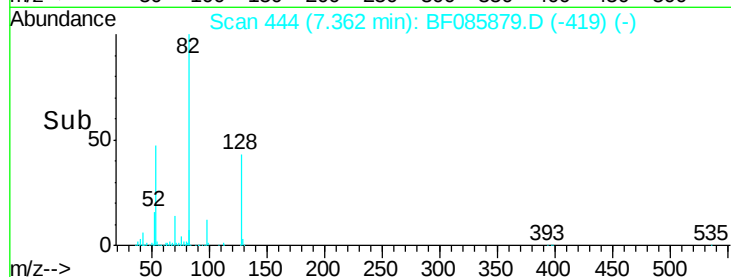
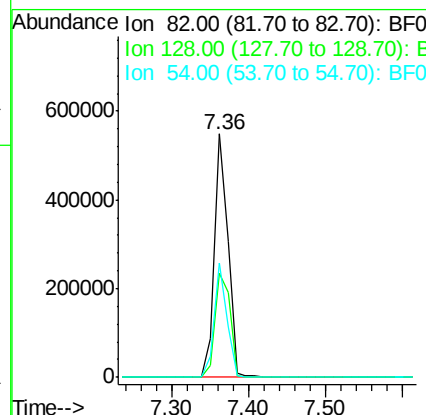
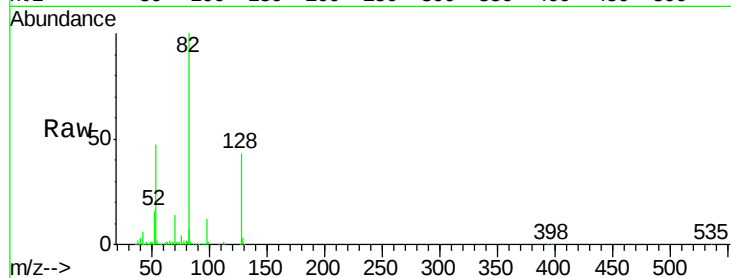




#23
 Nitrobenzene-d5
 Concen: 89.09 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085879.D
 Acq: 30 Mar 2016 11:28

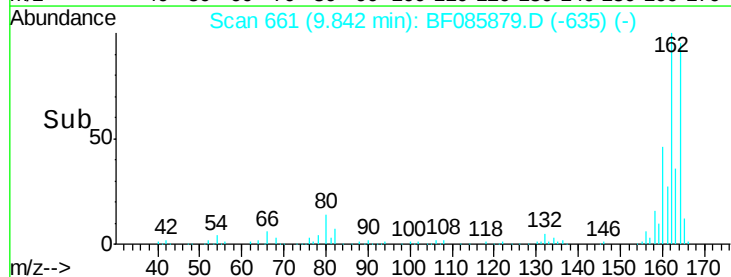
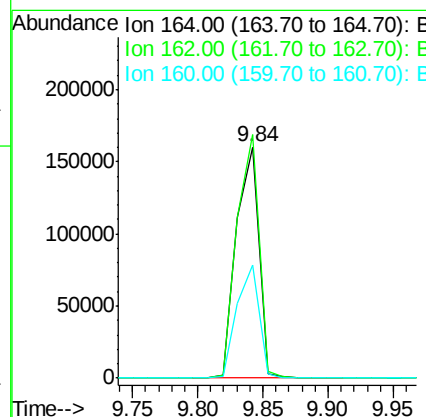
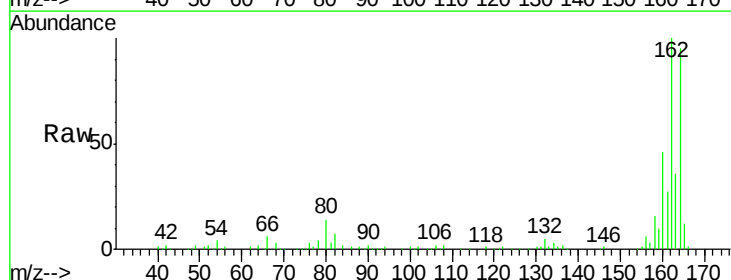
Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-3-23-16

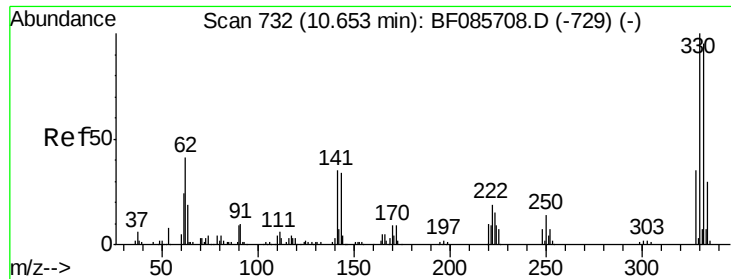
Tgt Ion: 82 Resp: 664472
 Ion Ratio Lower Upper
 82 100
 128 43.0 41.8 62.8
 54 47.2 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF085879.D
 Acq: 30 Mar 2016 11:28

Tgt Ion: 164 Resp: 190623
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.1 123.1
 160 48.8 37.4 56.2

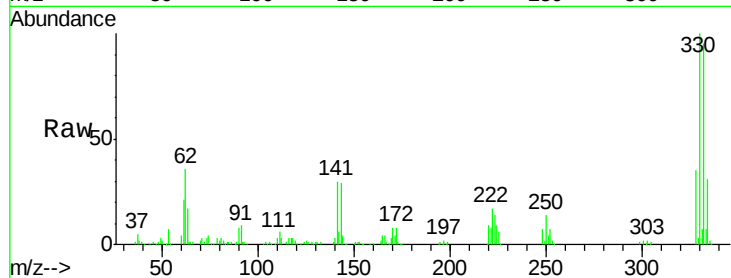




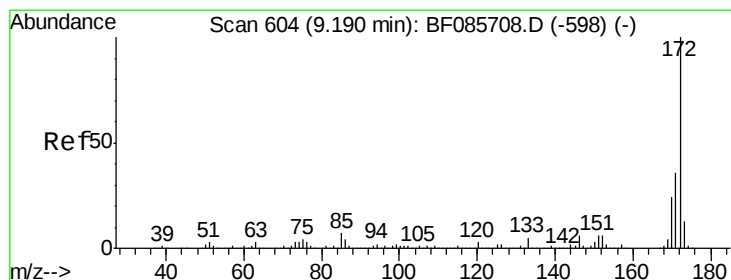
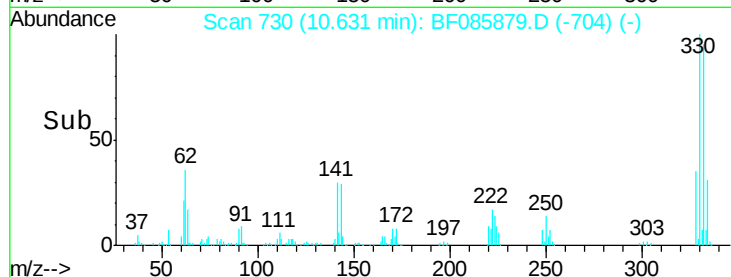
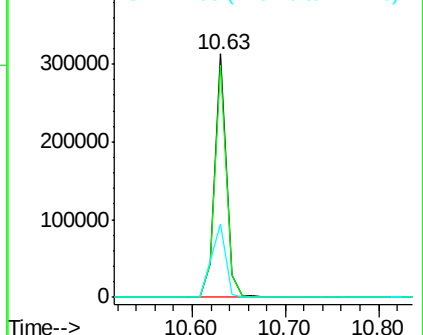
#41
 2,4,6-Tribromophenol
 Concen: 148.80 ng
 RT: 10.63 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF085879.D
 Acq: 30 Mar 2016 11:28

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-3-23-16

Tgt Ion:330 Resp: 269493
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.2 117.2
 141 37.7 31.5 47.3

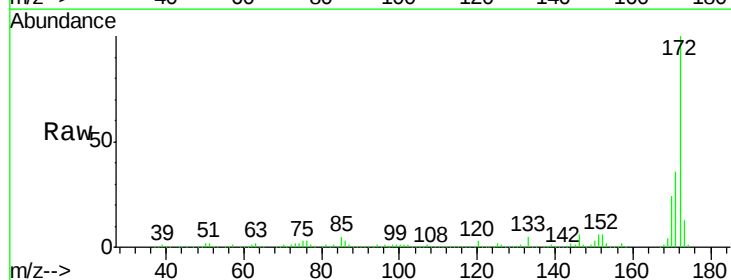


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

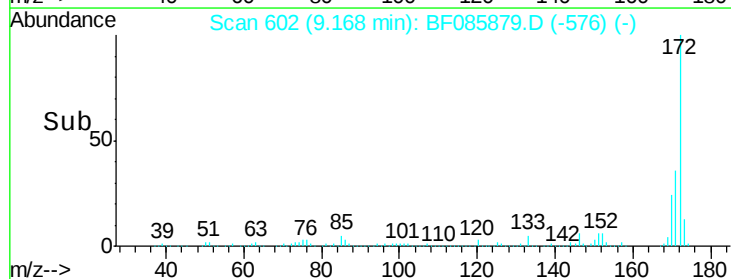
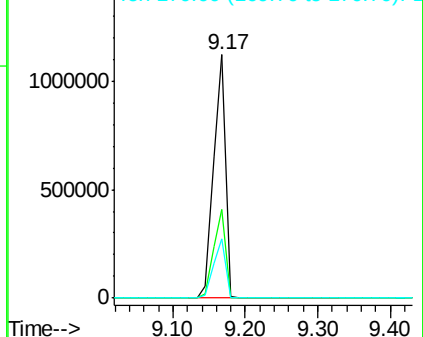


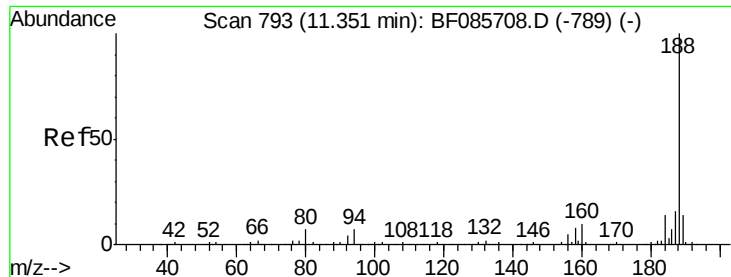
#44
 2-Fluorobiphenyl
 Concen: 111.24 ng
 RT: 9.17 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF085879.D
 Acq: 30 Mar 2016 11:28

Tgt Ion:172 Resp: 1269205
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.2
 170 24.3 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

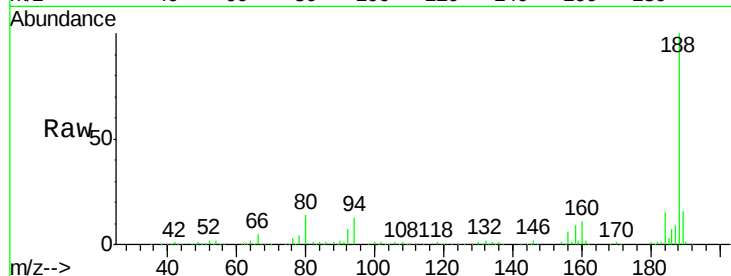




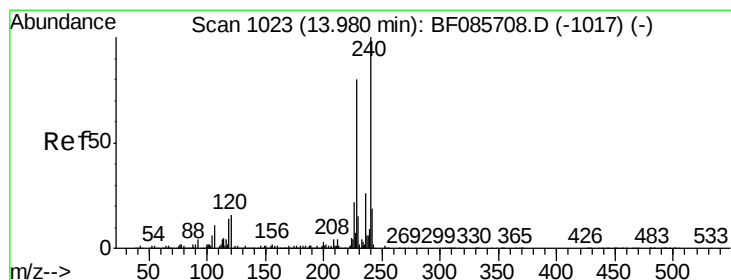
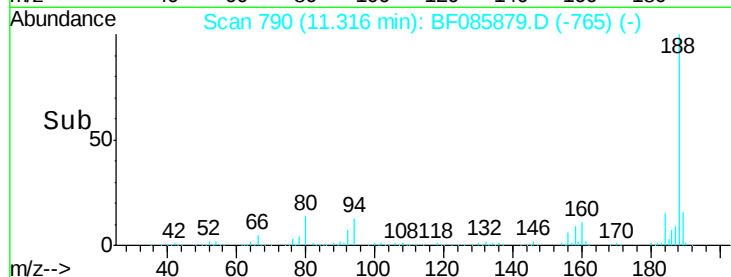
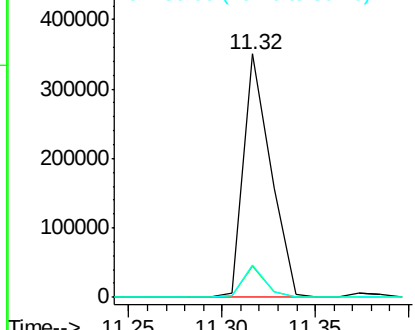
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085879.D
Acq: 30 Mar 2016 11:28

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-3-23-16

Tgt Ion:188 Resp: 357625
Ion Ratio Lower Upper
188 100
94 12.7 5.4 8.0#
80 13.5 5.5 8.3#

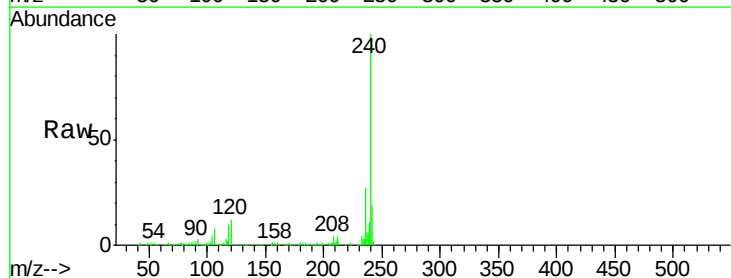


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

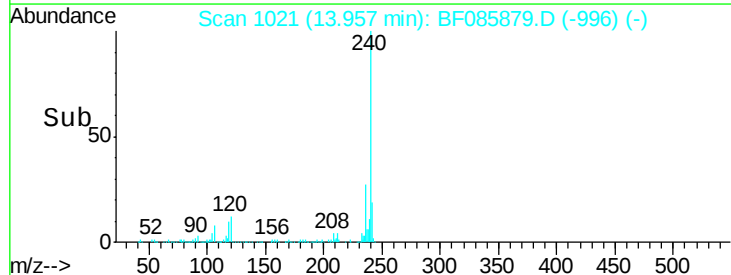
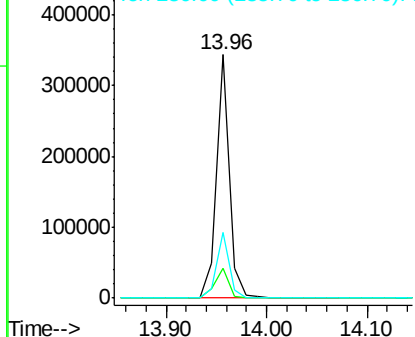


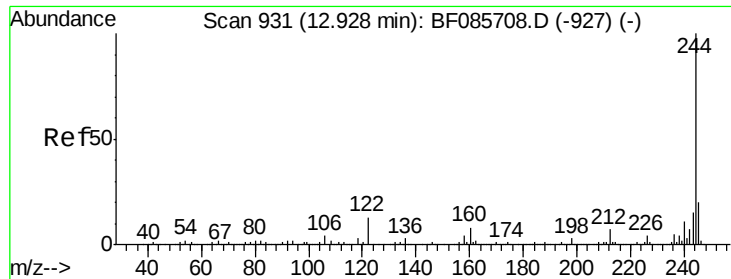
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF085879.D
Acq: 30 Mar 2016 11:28

Tgt Ion:240 Resp: 303337
Ion Ratio Lower Upper
240 100
120 12.3 13.8 20.8#
236 27.1 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

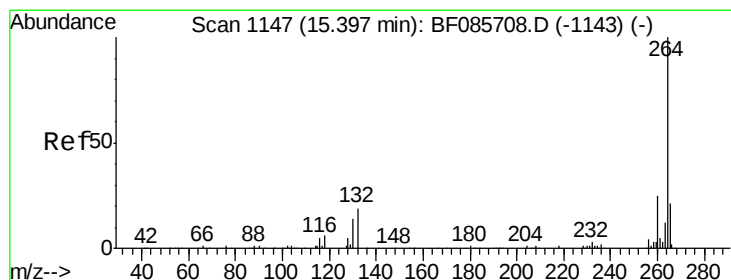
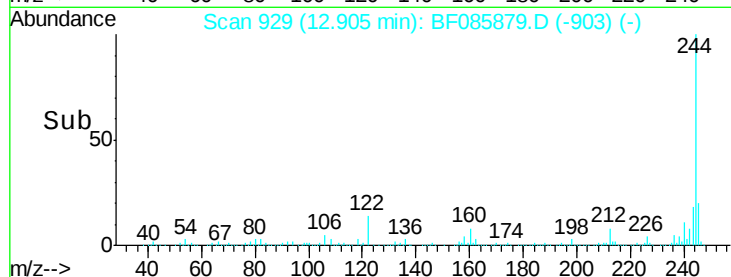
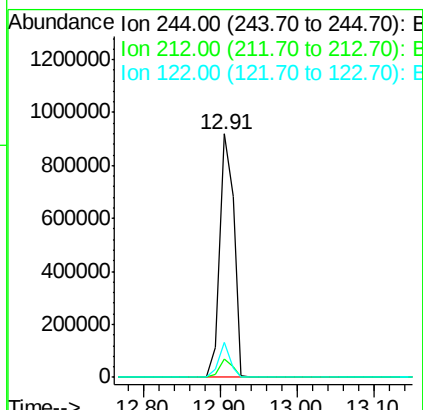
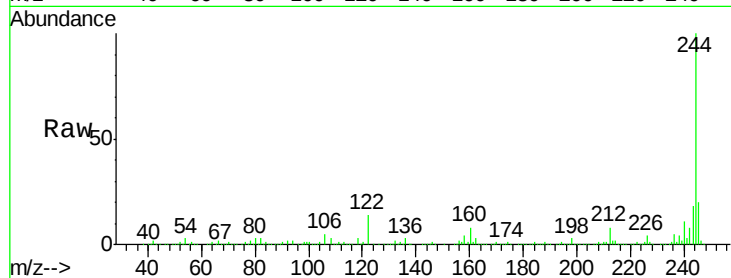




#78
 Terphenyl-d14
 Concen: 80.25 ng
 RT: 12.91 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BF085879.D
 Acq: 30 Mar 2016 11:28

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-3-23-16

Tgt Ion:244 Resp: 1183633
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 14.2 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF085879.D
 Acq: 30 Mar 2016 11:28

Tgt Ion:264 Resp: 224724
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.3 17.2 25.8

