

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086239.D
 Acq On : 16 Apr 2016 2:47
 Operator : UM/SJ
 Sample : H2402-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK-4-7-16

Quant Time: Apr 16 04:07:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	288568	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1172437	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	520078	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	916402	20.00	ng	0.00
75) Chrysene-d12	14.04	240	594782	20.00	ng	-0.01
86) Perylene-d12	15.48	264	479371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1029355	58.45	ng	0.00
7) Phenol-d6	6.51	99	805685	36.57	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1733503	85.28	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	517712	123.97	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2579984	91.54	ng	0.00
78) Terphenyl-d14	13.00	244	2034783	86.02	ng	0.00

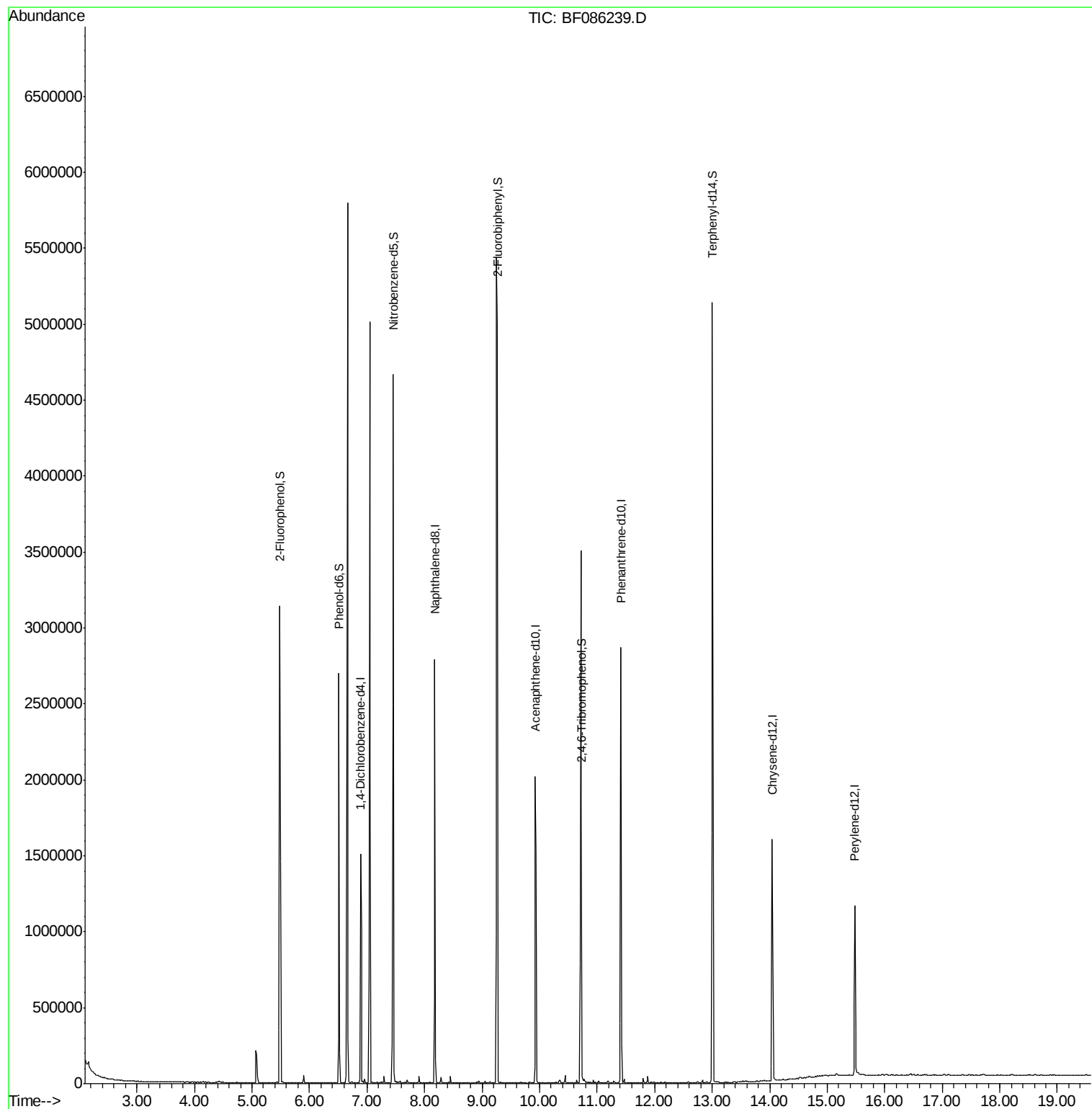
Target Compounds Qvalue

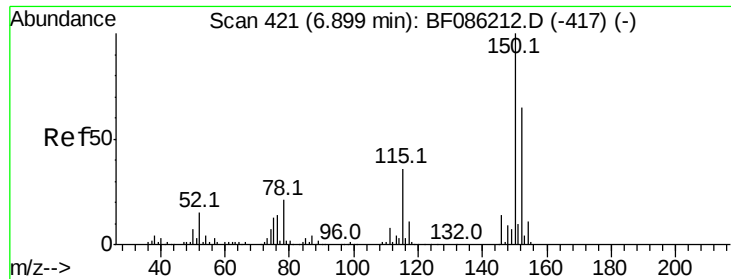
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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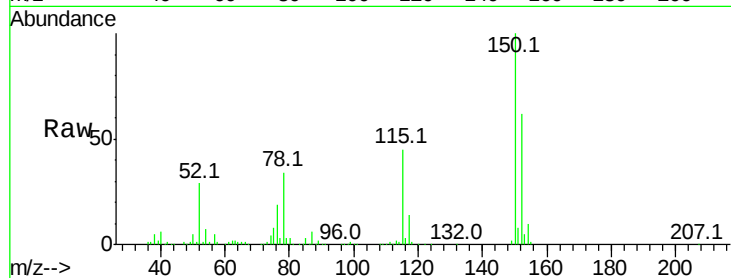


#1

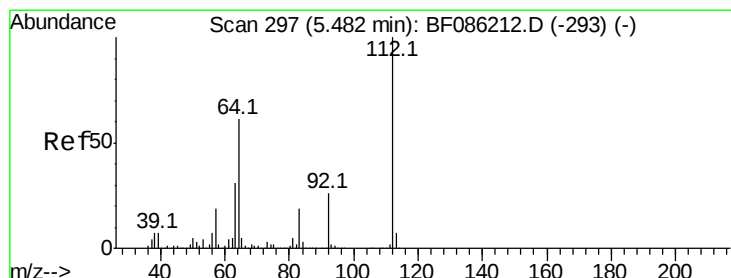
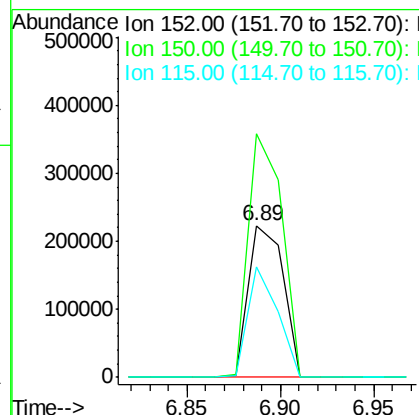
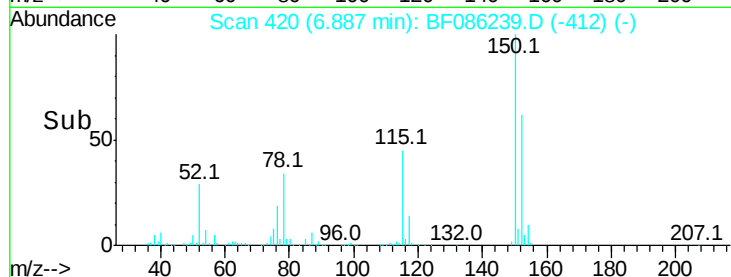
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF086239.D
Acq: 16 Apr 2016 2:47

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK-4-7-16

Tot Ion:152 Resp: 288568
Ion Ratio Lower Upper
152 100
150 160.5 124.1 186.1
115 72.9 43.9 65.9#



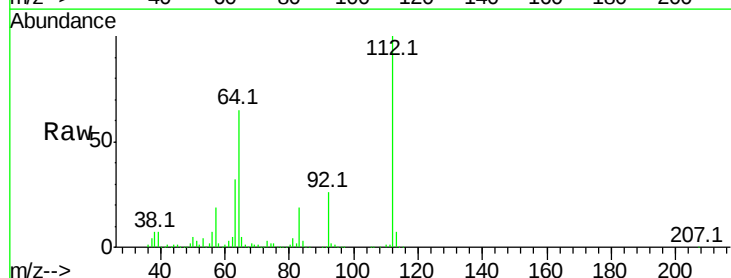
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



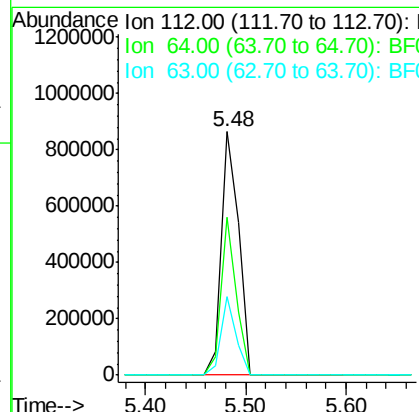
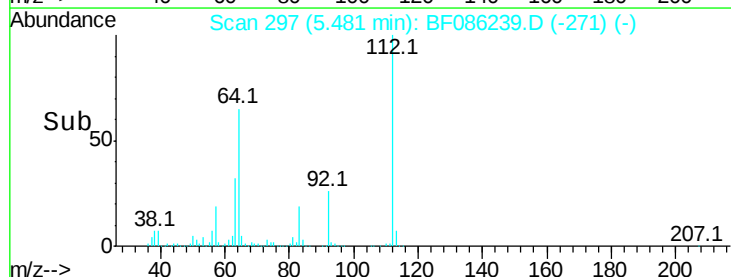
#5

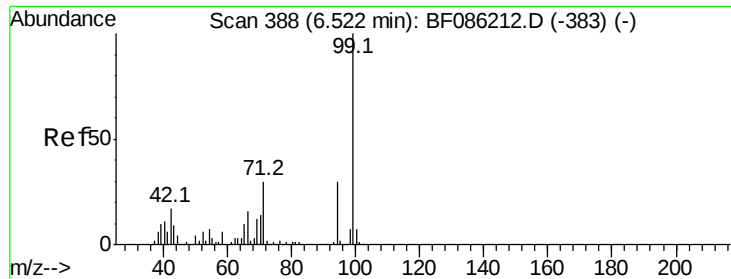
2-Fluorophenol
Concen: 58.45 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF086239.D
Acq: 16 Apr 2016 2:47

Tgt Ion:112 Resp: 1029355
Ion Ratio Lower Upper
112 100
64 65.0 48.1 72.1
63 32.2 25.5 38.3



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: 36.57 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086239.D

Acq: 16 Apr 2016 2:47

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK-4-7-16

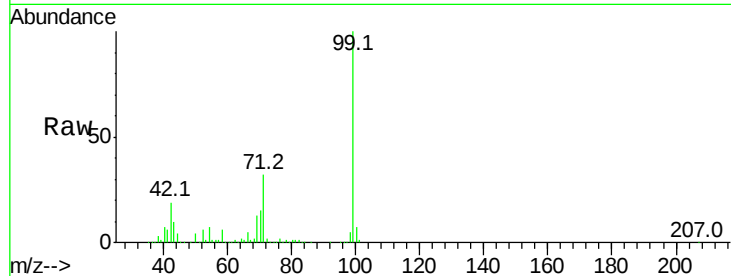
Tot Ion: 99 Resp: 805685

Ion Ratio Lower Upper

99 100

42 18.8 15.4 23.2

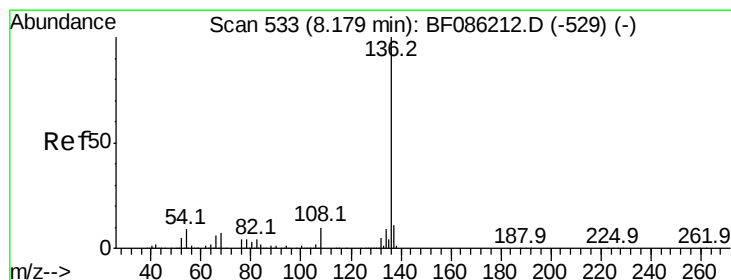
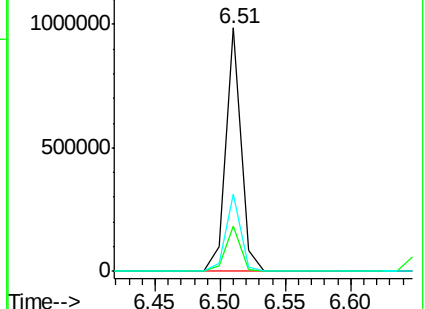
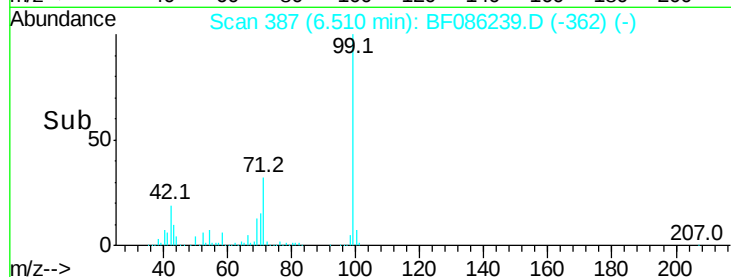
71 31.8 25.6 38.4



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: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086239.D

Acq: 16 Apr 2016 2:47

Tgt Ion: 136 Resp: 1172437

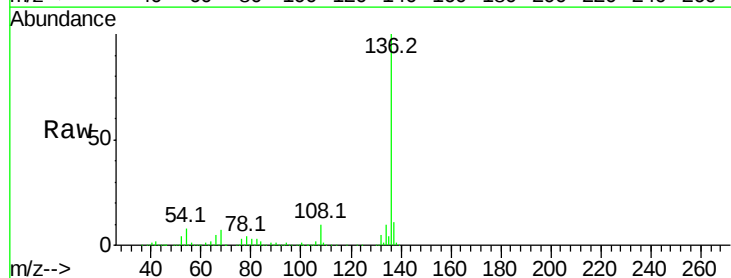
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.8 7.3 10.9

68 6.6 5.7 8.5

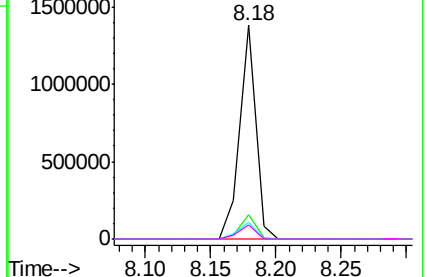
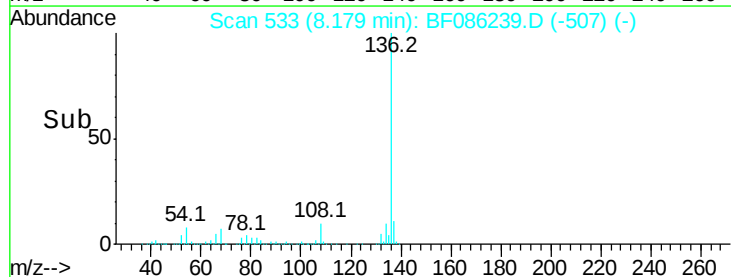


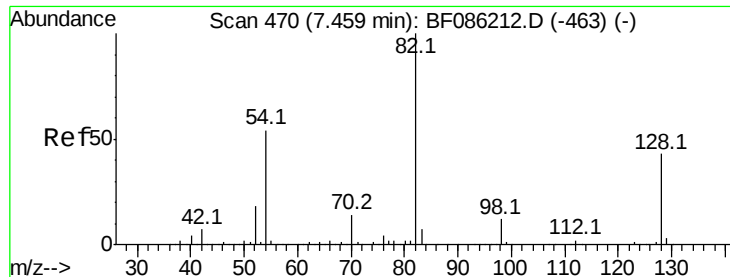
Abundance Ion 136.00 (135.70 to 136.70): E

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



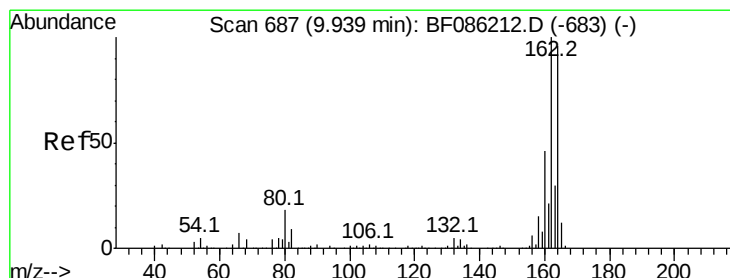
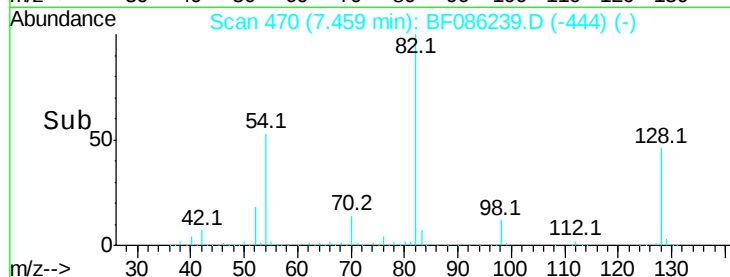
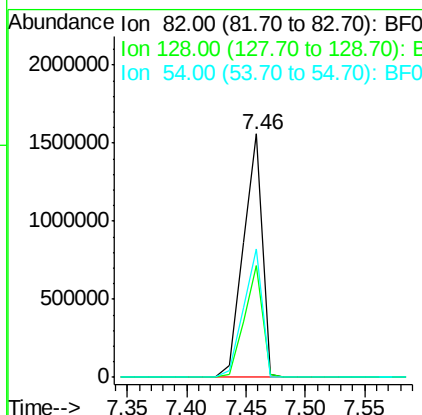
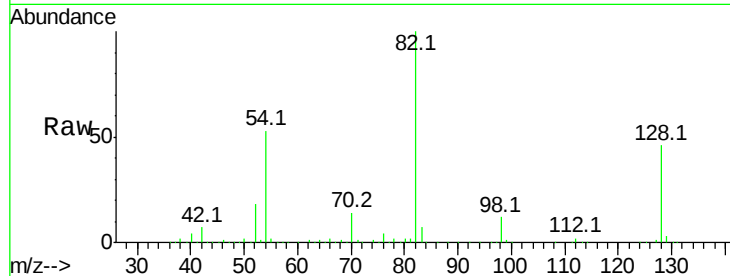


#23
 Nitrobenzene-d5
 Concen: 85.28 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF086239.D
 Acq: 16 Apr 2016 2:47

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK-4-7-16

Tot Ion: 82 Resp: 1733503

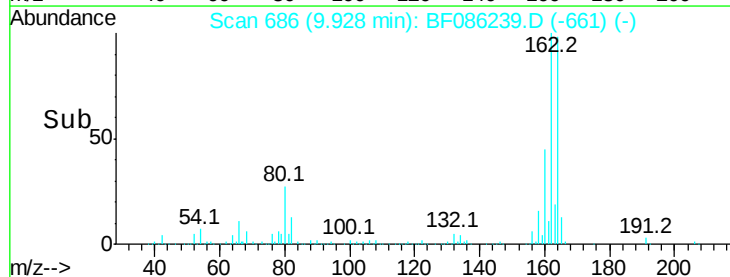
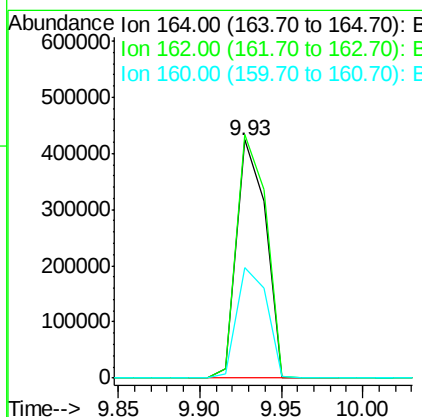
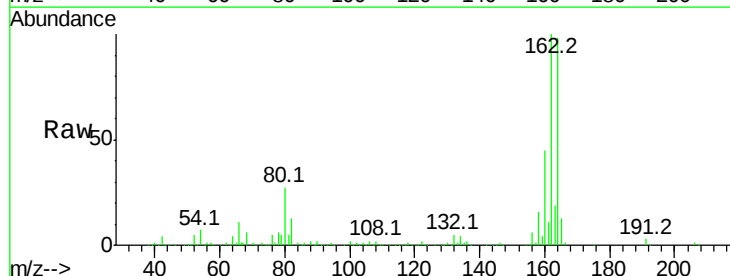
Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.4	53.2
54	52.6	43.4	65.0

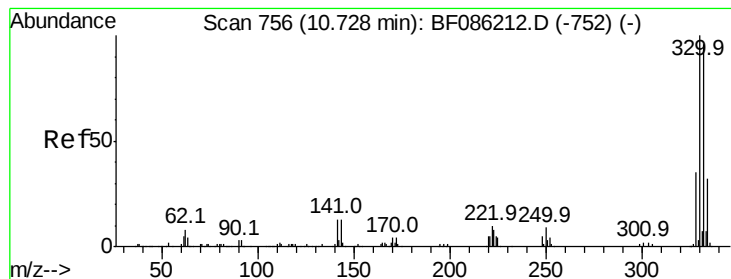


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086239.D
 Acq: 16 Apr 2016 2:47

Tgt Ion:164 Resp: 520078

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.8	124.2
160	46.4	38.9	58.3





#41

2,4,6-Tribromophenol

Concen: 123.97 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF086239.D

Acq: 16 Apr 2016 2:47

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK-4-7-16

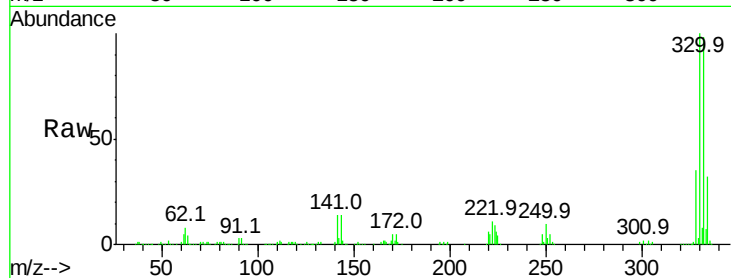
Tot Ion:330 Resp: 517712

Ion Ratio Lower Upper

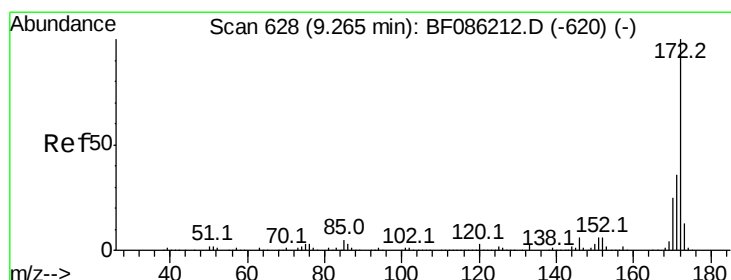
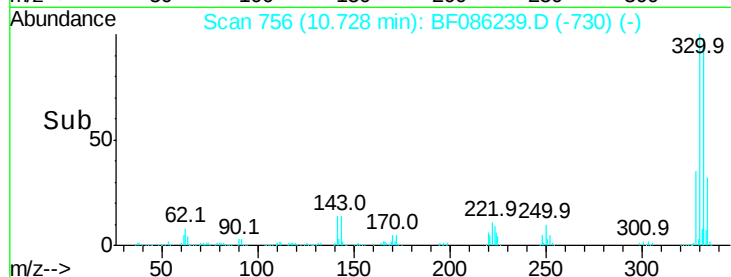
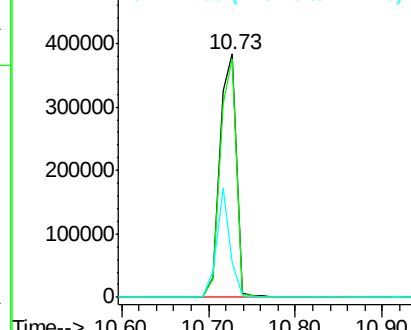
330 100

332 96.0 78.7 118.1

141 36.4 28.6 42.8



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: 91.54 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF086239.D

Acq: 16 Apr 2016 2:47

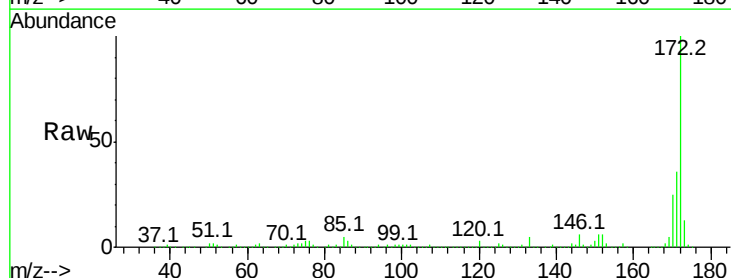
Tgt Ion:172 Resp: 2579984

Ion Ratio Lower Upper

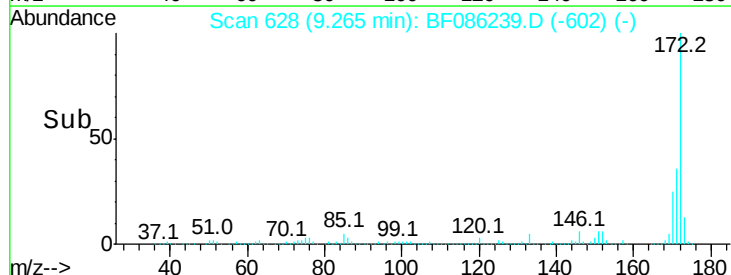
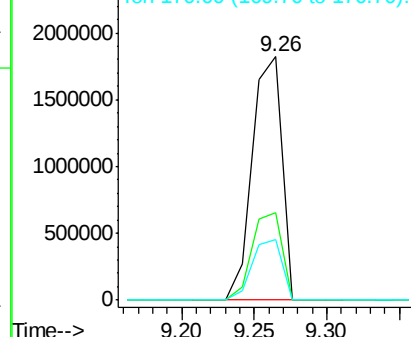
172 100

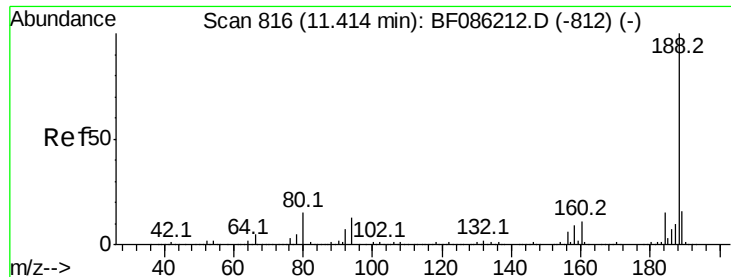
171 36.1 29.1 43.7

170 25.1 19.9 29.9



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

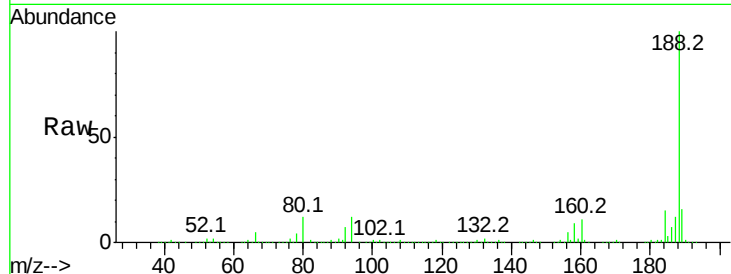




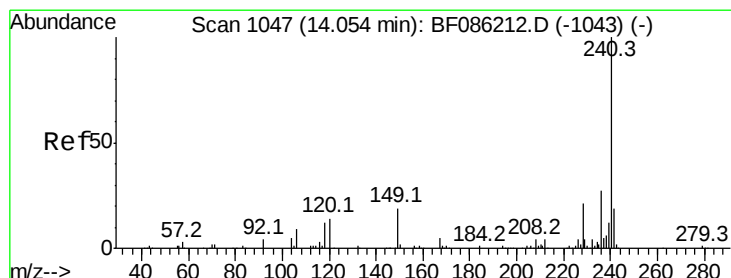
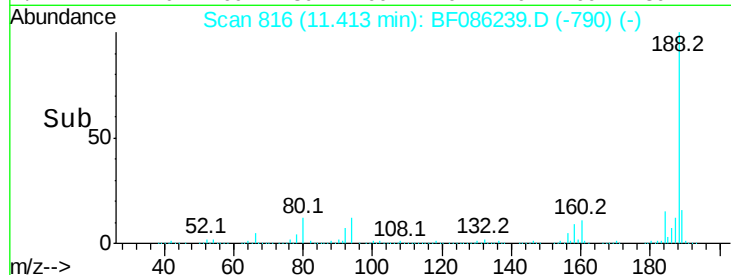
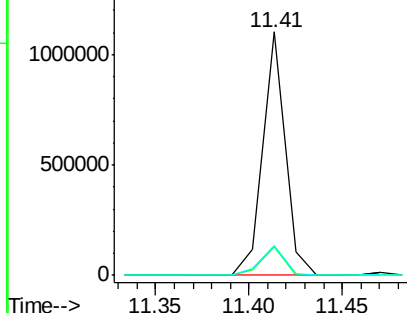
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086239.D
Acq: 16 Apr 2016 2:47

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK-4-7-16

Tot Ion:188 Resp: 916402
Ion Ratio Lower Upper
188 100
94 11.7 9.8 14.8
80 12.5 10.5 15.7

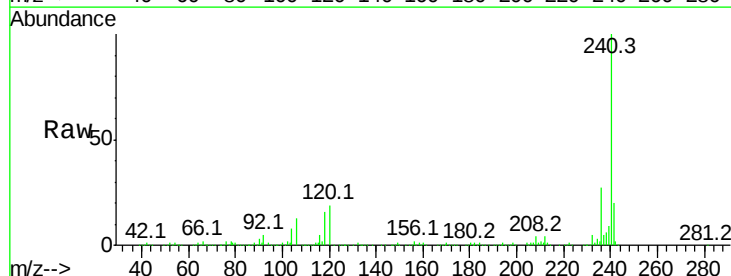


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

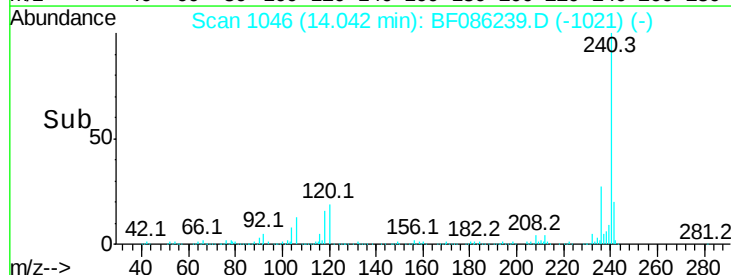
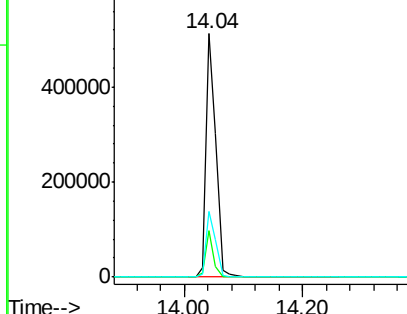


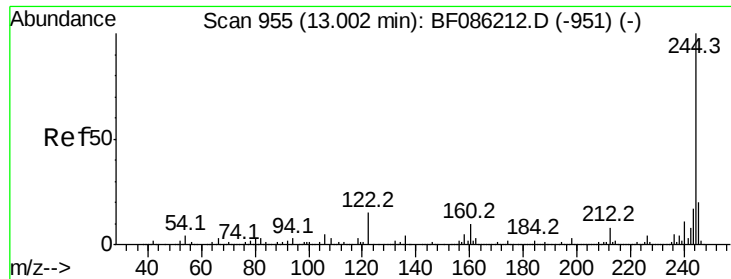
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086239.D
Acq: 16 Apr 2016 2:47

Tgt Ion:240 Resp: 594782
Ion Ratio Lower Upper
240 100
120 18.9 9.3 13.9#
236 26.9 21.1 31.7



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

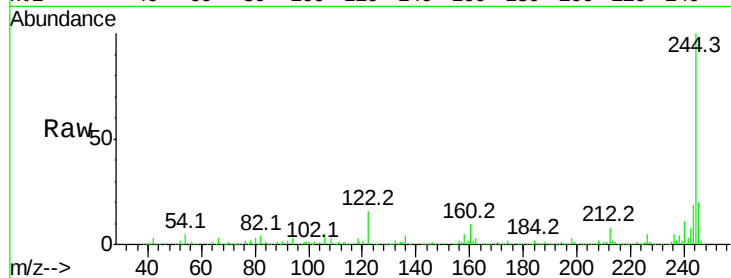




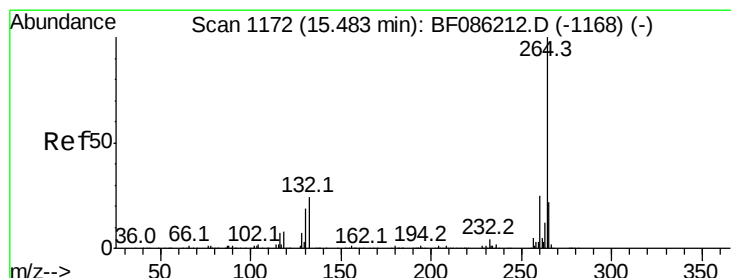
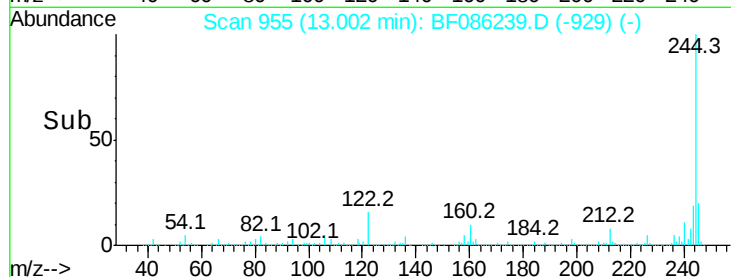
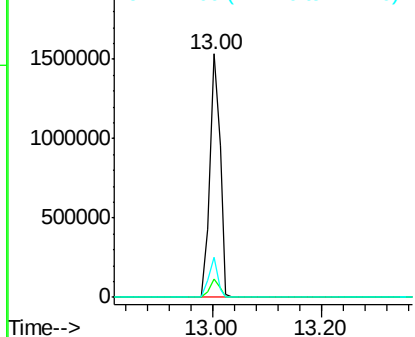
#78
 Terphenyl-d14
 Concen: 86.02 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086239.D
 Acq: 16 Apr 2016 2:47

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK-4-7-16

Tot Ion:244 Resp: 2034783
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 16.3 11.7 17.5

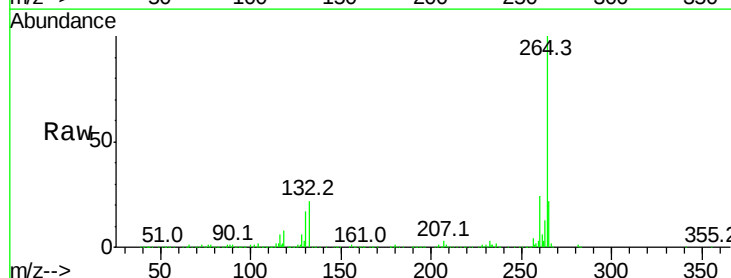


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086239.D
 Acq: 16 Apr 2016 2:47

Tgt Ion:264 Resp: 479371
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.0 30.0
 265 21.7 17.4 26.0



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

