

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087945.D
 Acq On : 12 Jun 2016 13:10
 Operator : UM/SJ
 Sample : H3425-08
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW1

Quant Time: Jun 13 02:31:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 02:17:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115134	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	463360	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	222486	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	426014	20.00	ng	0.00
75) Chrysene-d12	13.95	240	310065	20.00	ng	-0.01
86) Perylene-d12	15.37	264	237386	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	386198	57.34	ng	-0.01
7) Phenol-d6	6.43	99	325929	39.93	ng	-0.01
23) Nitrobenzene-d5	7.37	82	687070	86.59	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	242610	103.27	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1168423	82.33	ng	-0.01
78) Terphenyl-d14	12.91	244	970686	71.24	ng	-0.01

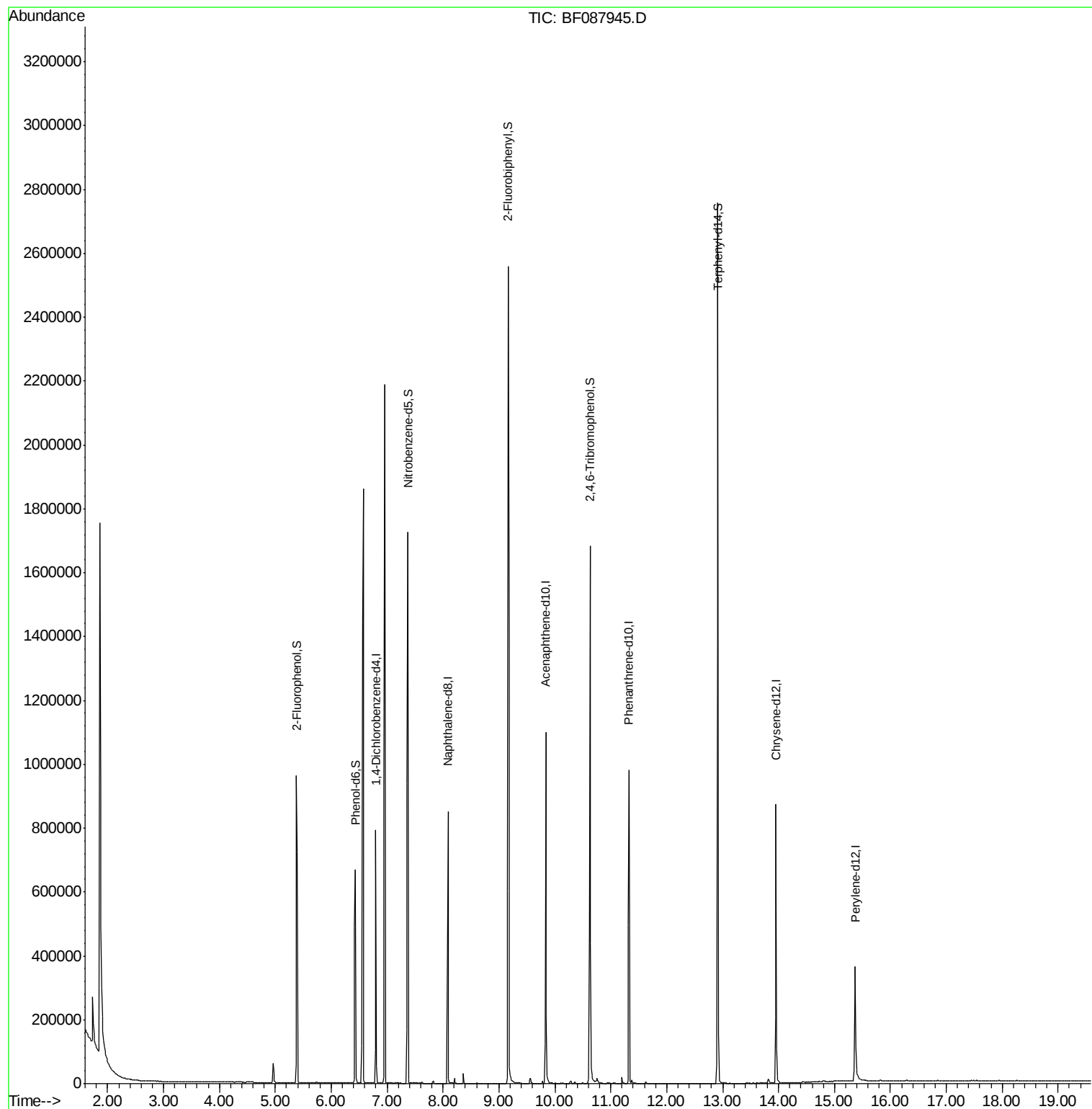
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087945.D
Acq On : 12 Jun 2016 13:10
Operator : UM/SJ
Sample : H3425-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW1

Quant Time: Jun 13 02:31:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 02:17:28 2016
Response via : Initial Calibration



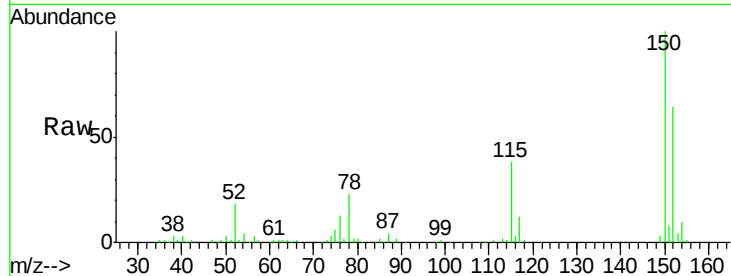


#1

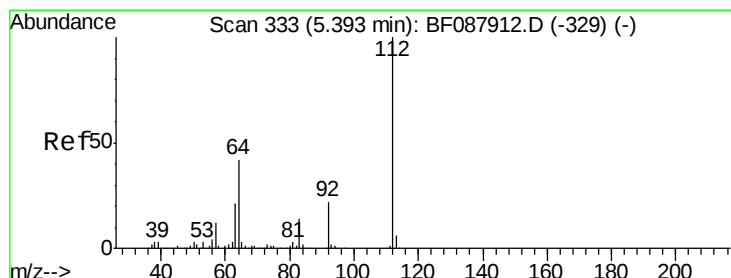
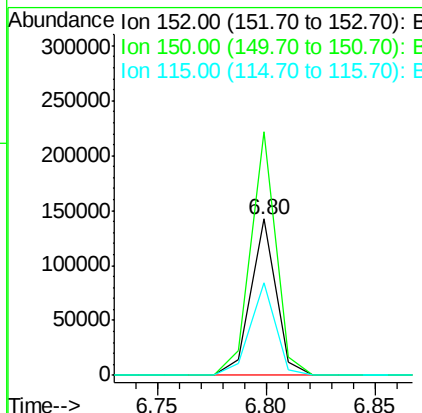
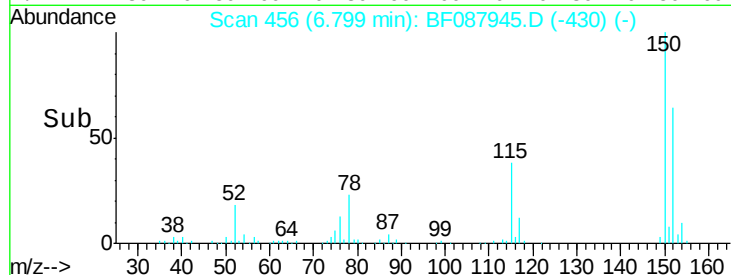
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF087945.D
 Acq: 12 Jun 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW1

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.8	185.6
115	59.3	39.6	59.4



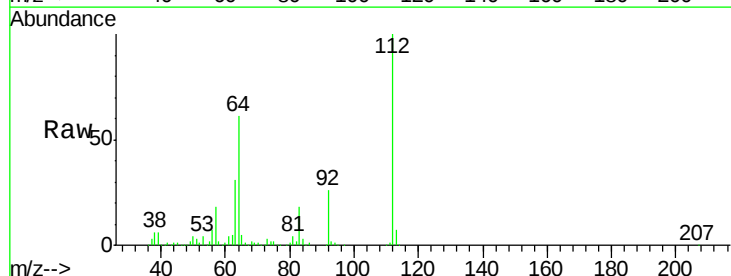
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



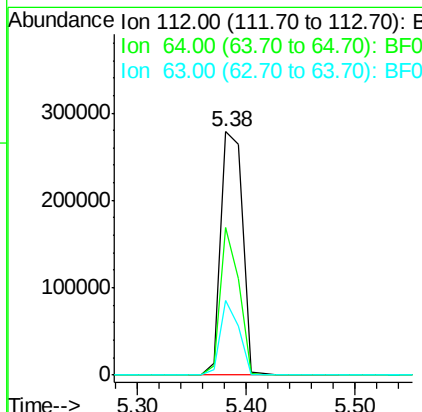
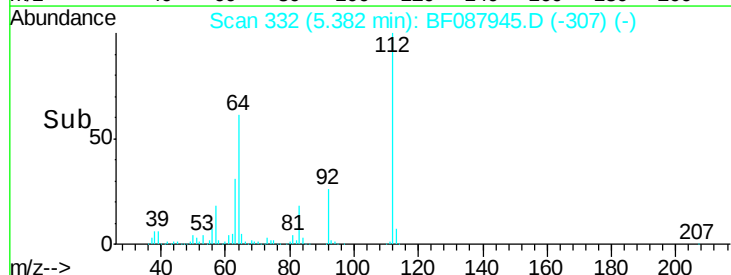
#5

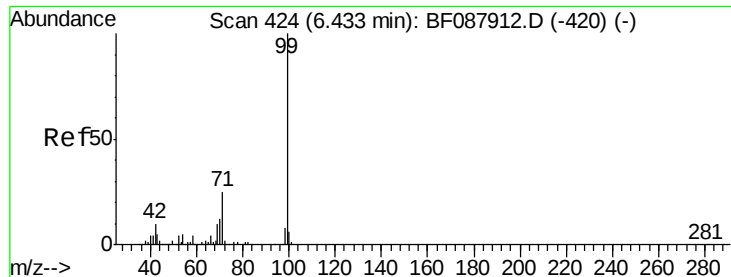
2-Fluorophenol
 Concen: 57.34 ng
 RT: 5.38 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: BF087945.D
 Acq: 12 Jun 2016 13:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	42.2	63.2
63	30.7	21.8	32.8



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: 39.93 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF087945.D

Acq: 12 Jun 2016 13:10

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW1

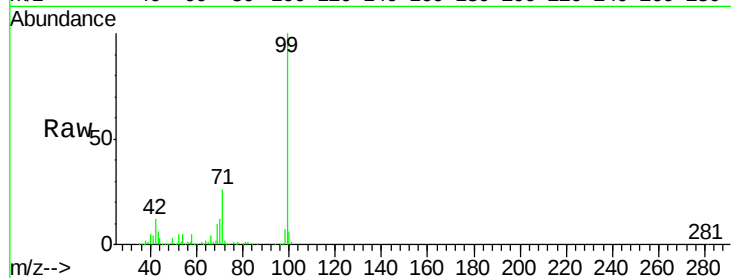
Tot Ion: 99 Resp: 325929

Ion Ratio Lower Upper

99 100

42 11.5 12.2 18.2#

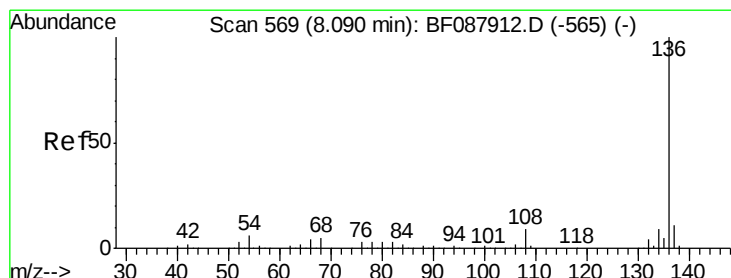
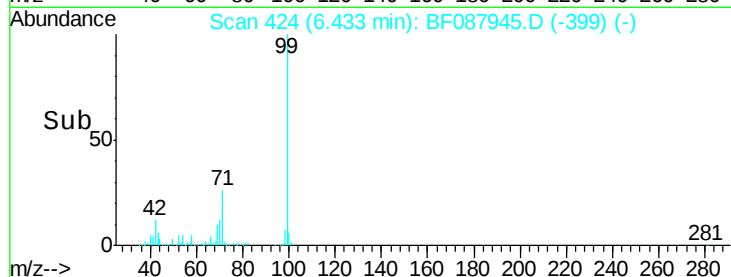
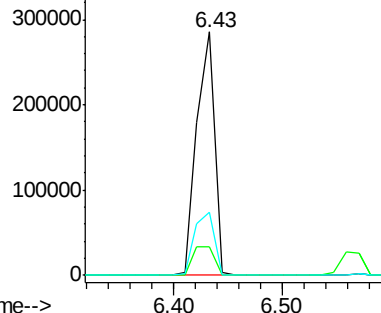
71 26.1 23.4 35.0



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: 8.09 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF087945.D

Acq: 12 Jun 2016 13:10

Tgt Ion: 136 Resp: 463360

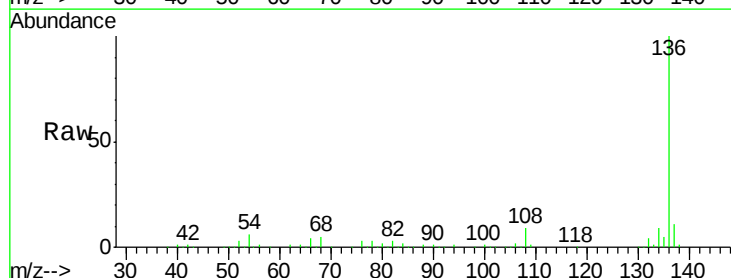
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.7 6.6 10.0#

68 4.9 5.1 7.7#

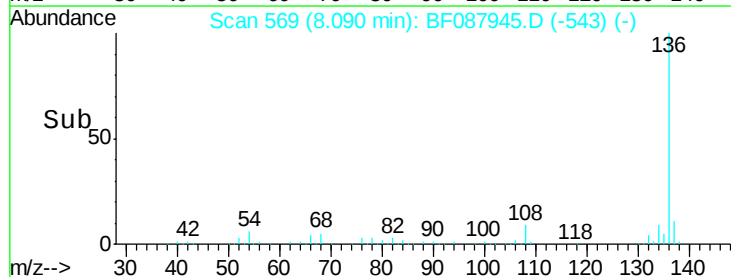
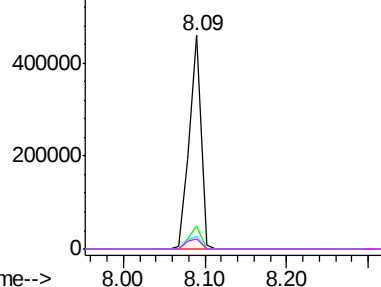


Abundance Ion 136.00 (135.70 to 136.70): E

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

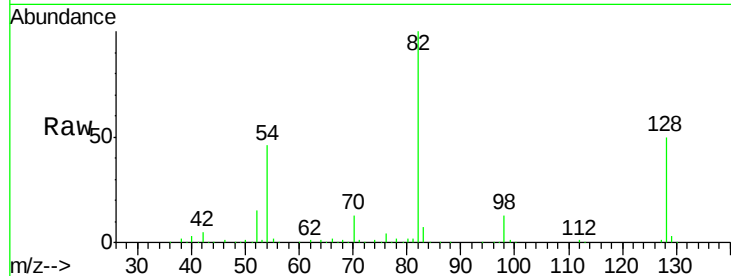




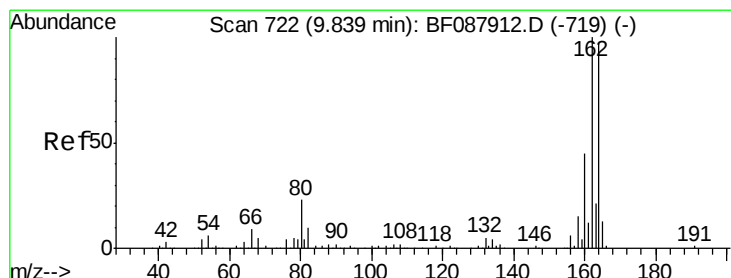
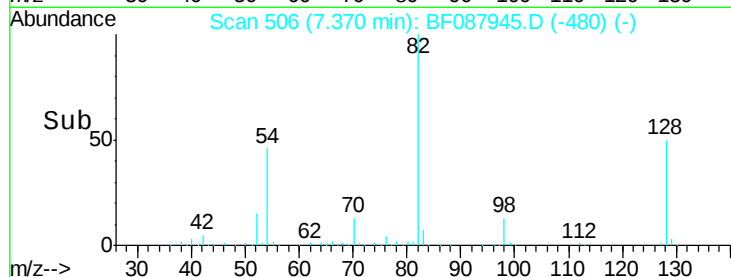
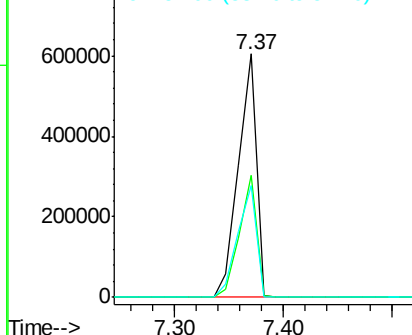
#23
Nitrobenzene-d5
Concen: 86.59 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF087945.D
Acq: 12 Jun 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW1

Tot Ion: 82 Resp: 687070
Ion Ratio Lower Upper
82 100
128 50.4 35.9 53.9
54 46.1 40.9 61.3

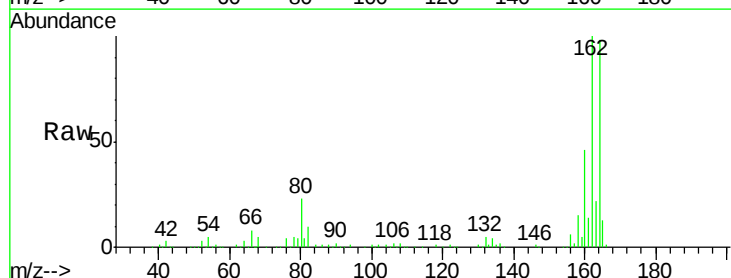


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

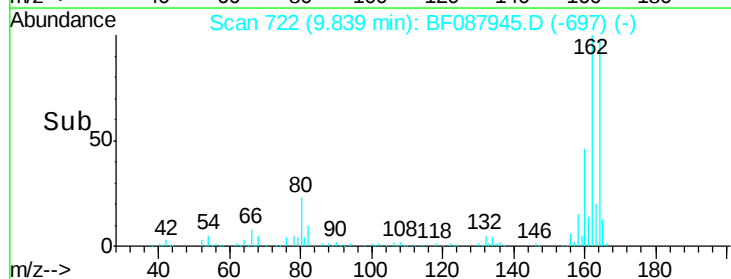
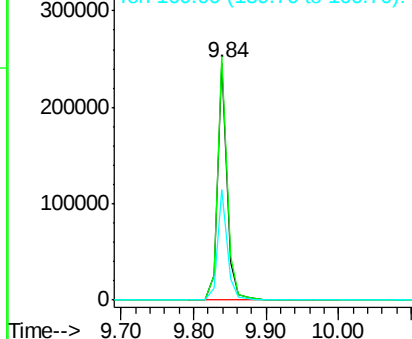


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF087945.D
Acq: 12 Jun 2016 13:10

Tgt Ion:164 Resp: 222486
Ion Ratio Lower Upper
164 100
162 102.5 85.4 128.2
160 46.7 39.5 59.3



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

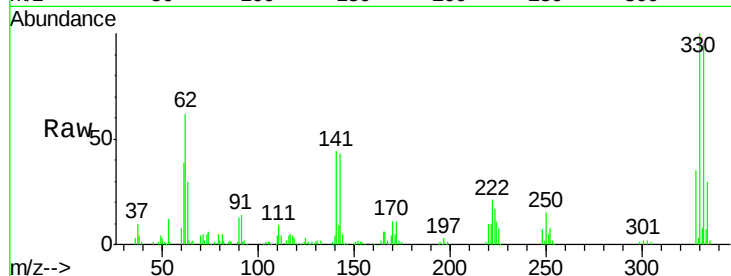




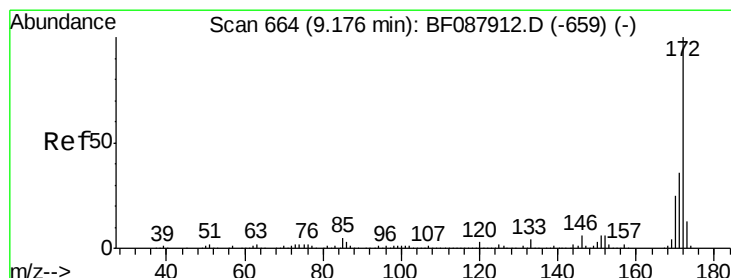
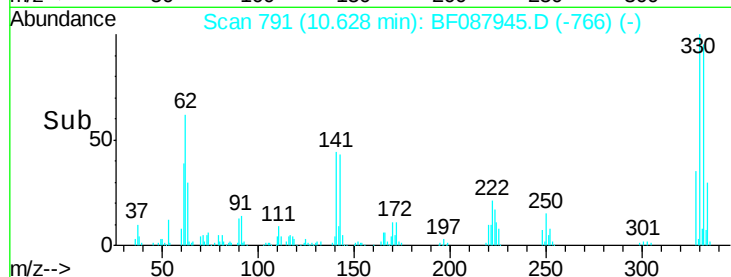
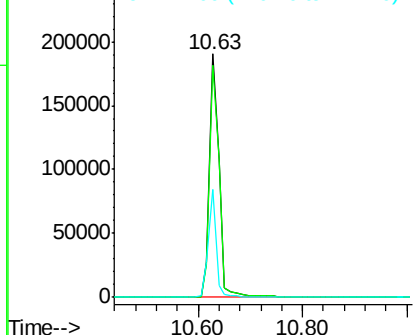
#41
 2,4,6-Tribromophenol
 Concen: 103.27 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF087945.D
 Acq: 12 Jun 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW1

Tot Ion:330 Resp: 242610
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 36.9 0.0 0.0#

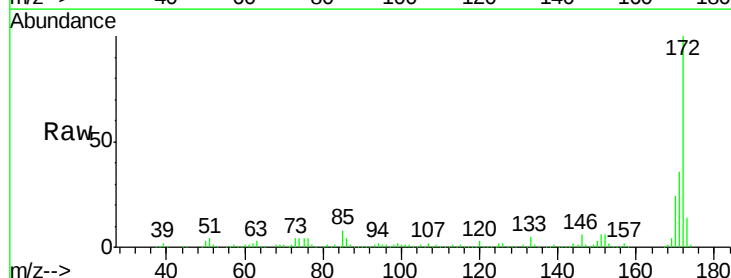


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

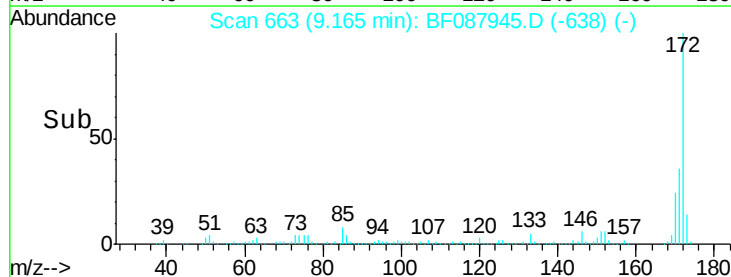
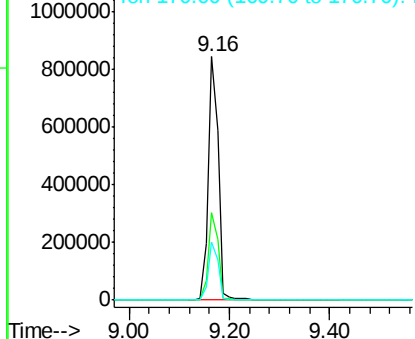


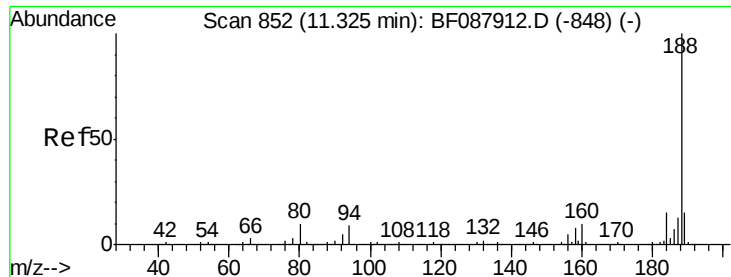
#44
 2-Fluorobiphenyl
 Concen: 82.33 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF087945.D
 Acq: 12 Jun 2016 13:10

Tgt Ion:172 Resp: 1168423
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.0 19.2 28.8



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

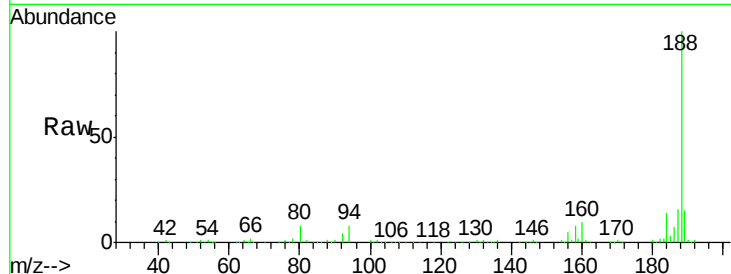




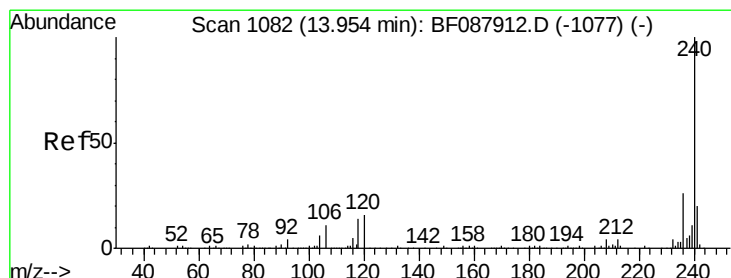
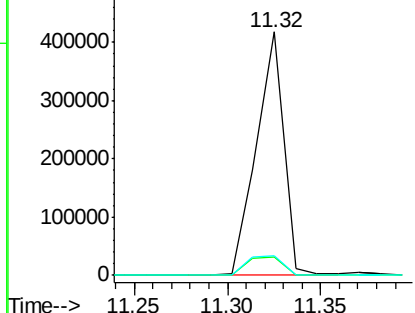
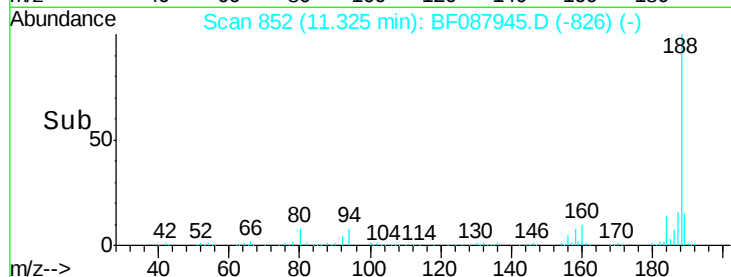
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF087945.D
Acq: 12 Jun 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW1

Tot Ion:188 Resp: 426014
Ion Ratio Lower Upper
188 100
94 7.8 9.0 13.6#
80 8.0 10.0 15.0#

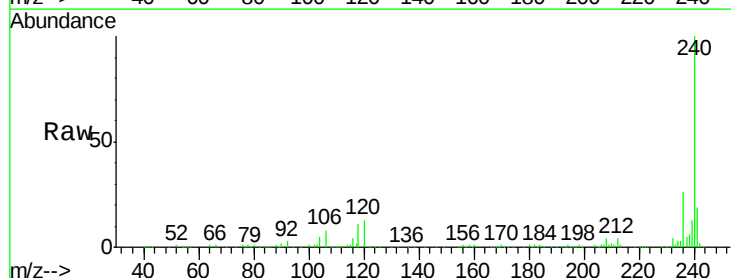


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

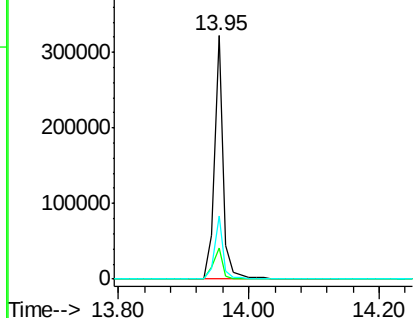
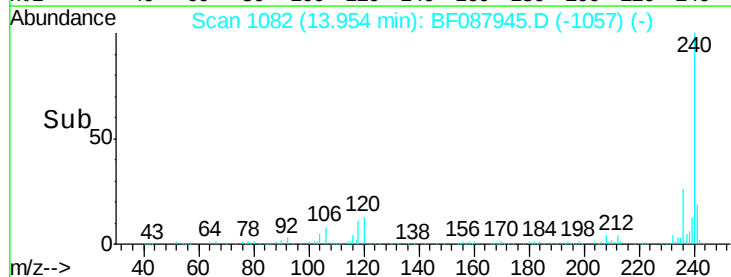


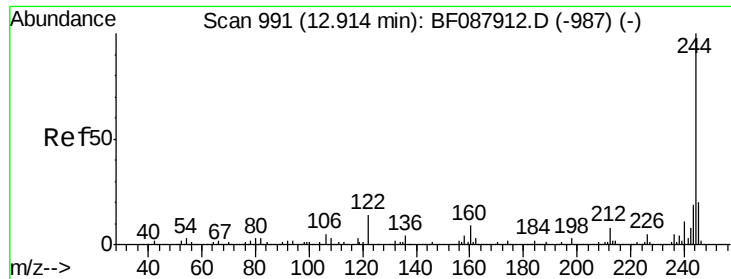
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF087945.D
Acq: 12 Jun 2016 13:10

Tgt Ion:240 Resp: 310065
Ion Ratio Lower Upper
240 100
120 12.7 6.8 10.2#
236 25.7 20.2 30.2



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

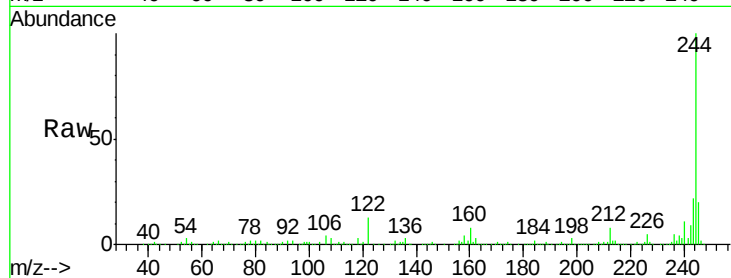




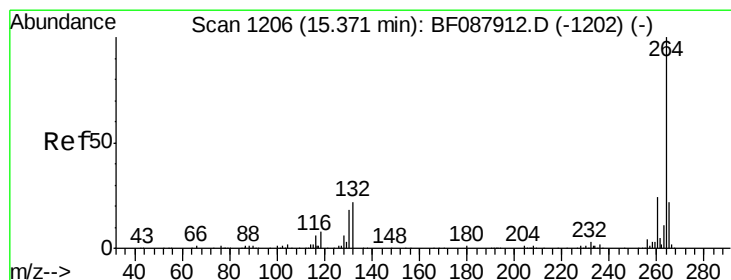
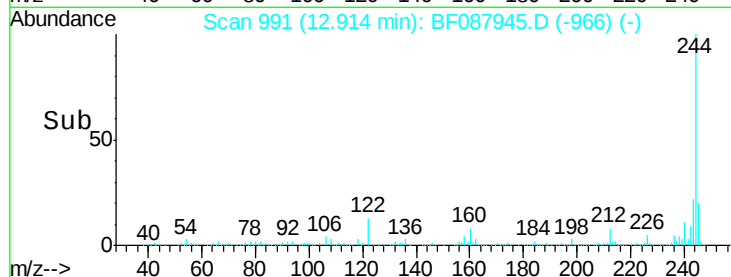
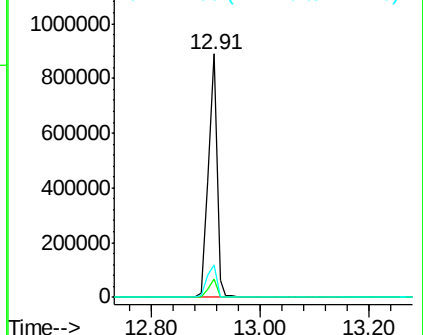
#78
 Terphenyl-d14
 Concen: 71.24 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF087945.D
 Acq: 12 Jun 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW1

Tot Ion:244 Resp: 970686
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 13.1 11.2 16.8

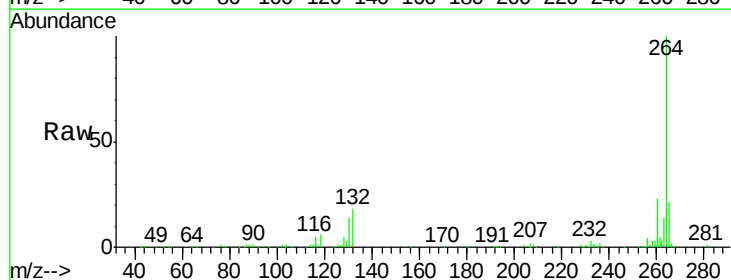


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF087945.D
 Acq: 12 Jun 2016 13:10

Tgt Ion:264 Resp: 237386
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.0 16.9 25.3



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

