

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
 Data File : BF088031.D
 Acq On : 15 Jun 2016 7:14
 Operator : UM/SJ
 Sample : H3473-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-1065-(0-4)

Quant Time: Jun 15 13:05:37 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 14:10:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	96901	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	392505	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	160343	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	271609	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	229191	20.00	ng	-0.02
86) Perylene-d12	15.35	264	169481	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	724988	127.90	ng	0.01
7) Phenol-d6	6.42	99	758369	110.40	ng	-0.01
23) Nitrobenzene-d5	7.35	82	495394	73.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	183817	108.57	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1016434	100.60	ng	-0.01
78) Terphenyl-d14	12.89	244	687525	68.26	ng	-0.01

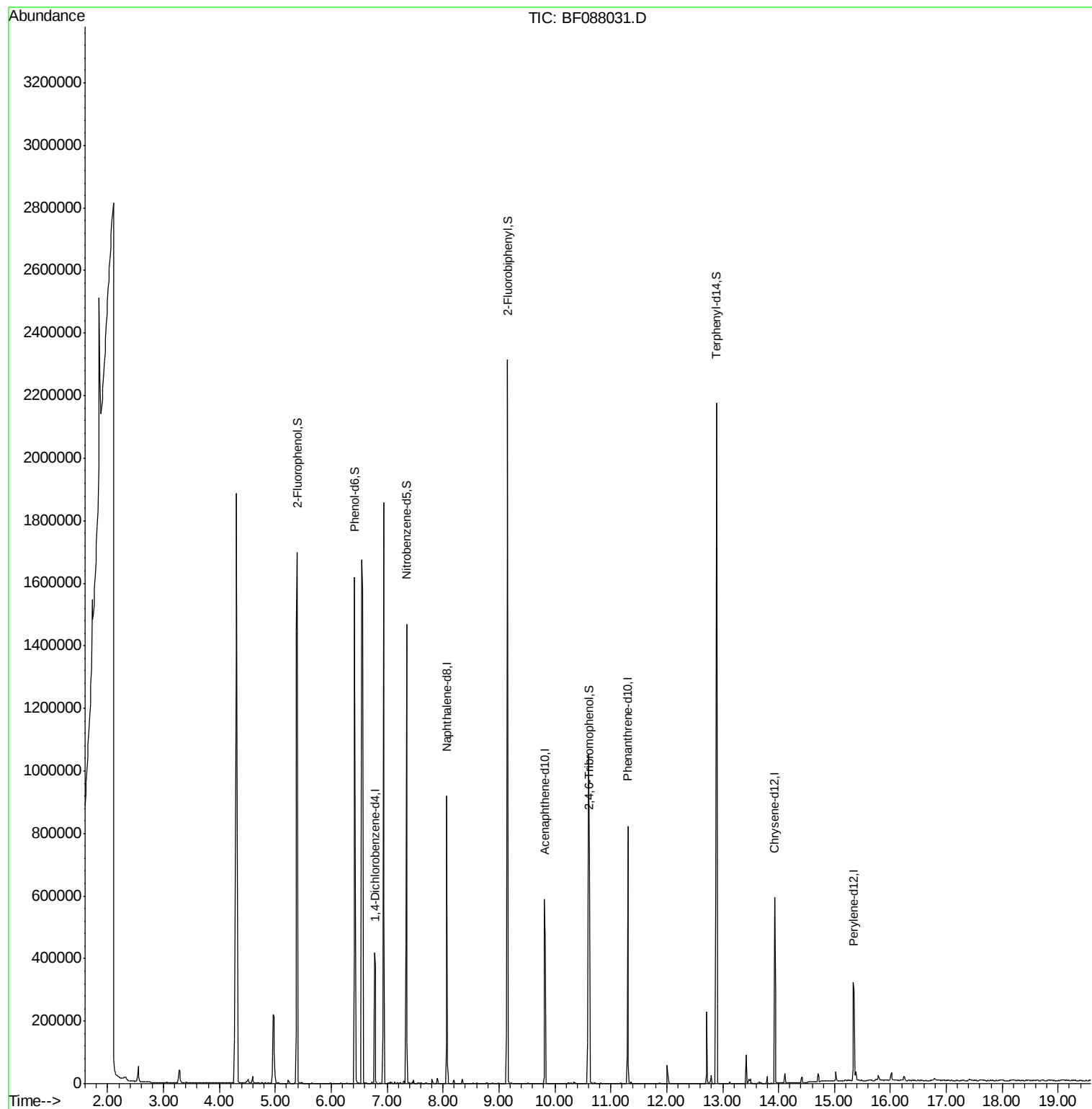
Target Compounds Qvalue

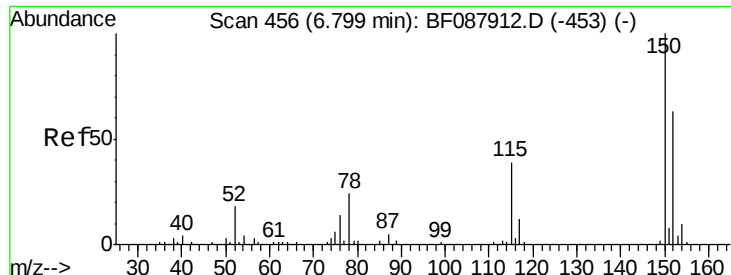
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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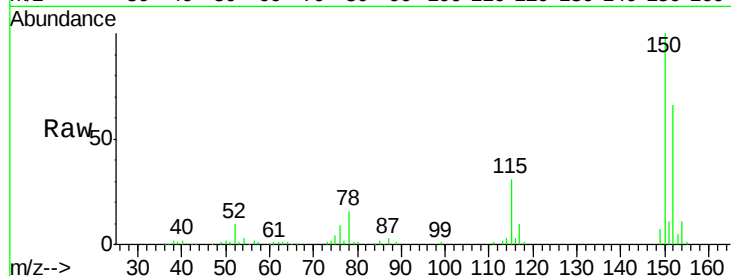


#1

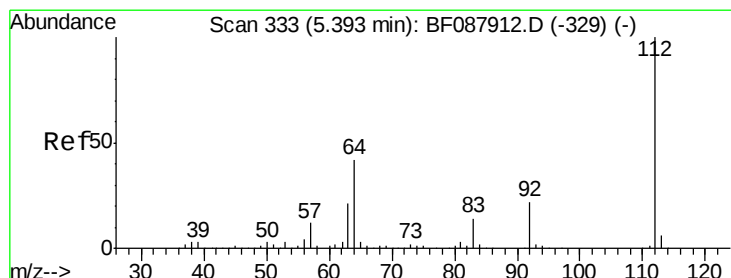
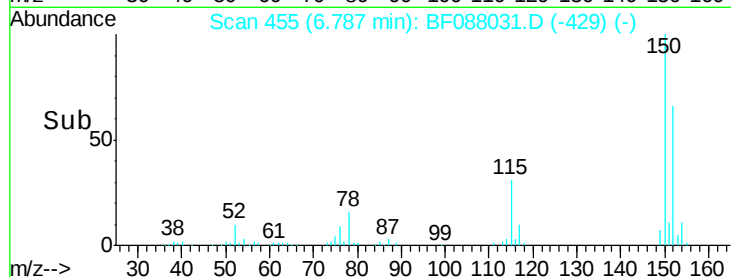
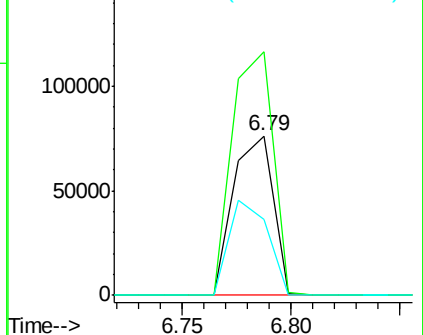
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF088031.D
Acq: 15 Jun 2016 7:14

Instrument :
BNA_F
ClientSampleId :
STA-1065-(0-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	123.8	185.6
115	47.4	39.6	59.4



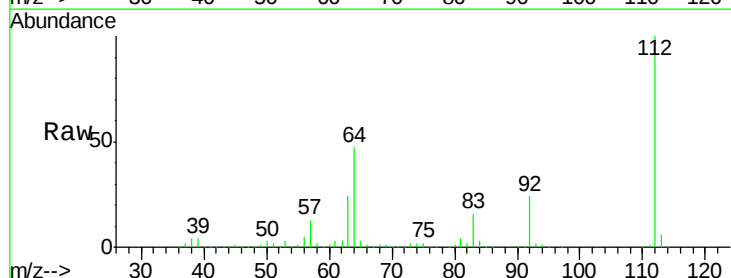
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



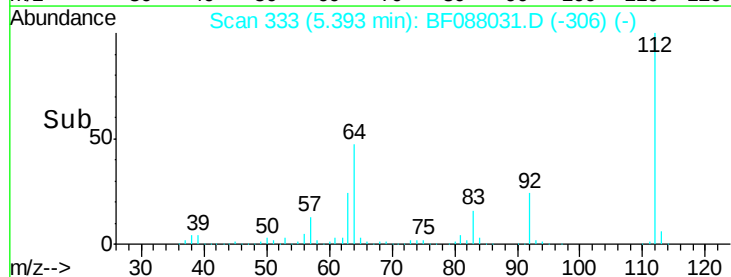
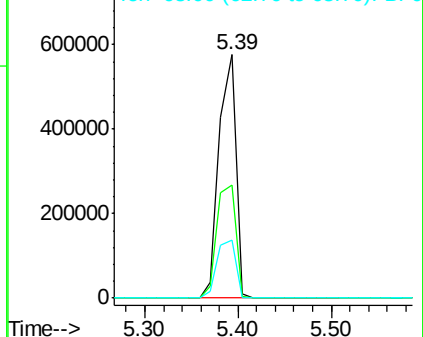
#5

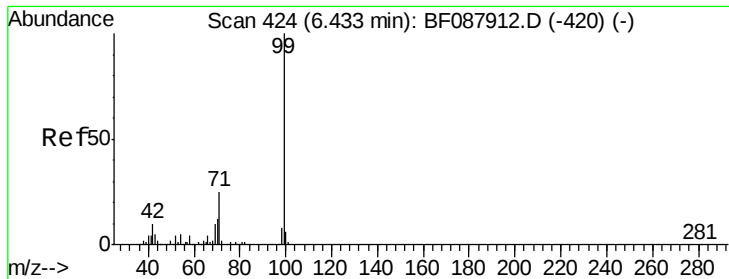
2-Fluorophenol
Concen: 127.90 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.01 min
Lab File: BF088031.D
Acq: 15 Jun 2016 7:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.6	42.2	63.2
63	23.8	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: 110.40 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF088031.D

Acq: 15 Jun 2016 7:14

Instrument :

BNA_F

ClientSampleId :

STA-1065-(0-4)

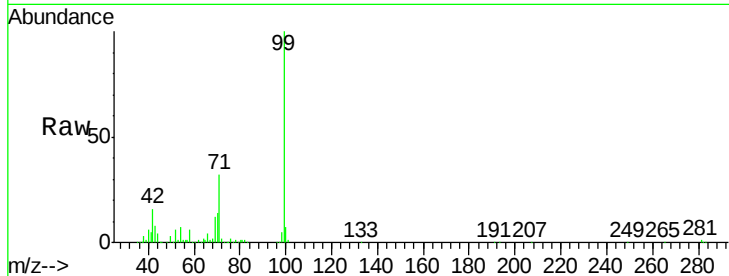
Tot Ion: 99 Resp: 758369

Ion Ratio Lower Upper

99 100

42 15.8 12.2 18.2

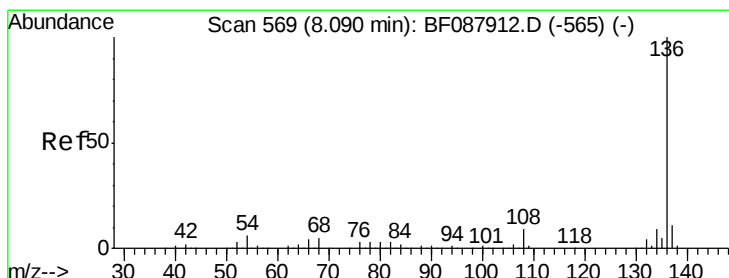
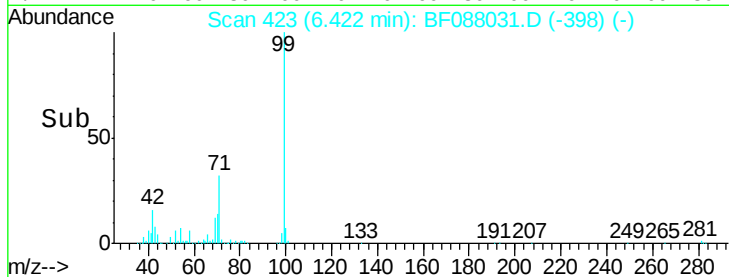
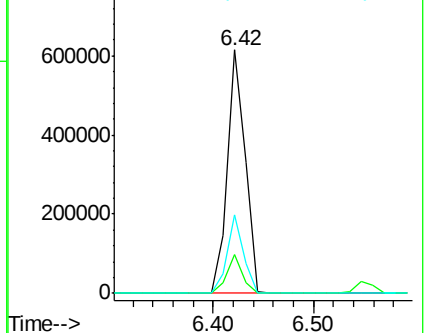
71 32.5 23.4 35.0



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: 8.07 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF088031.D

Acq: 15 Jun 2016 7:14

Tgt Ion: 136 Resp: 392505

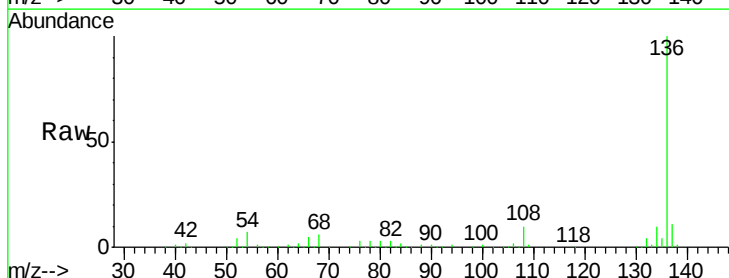
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.1 6.6 10.0

68 5.9 5.1 7.7

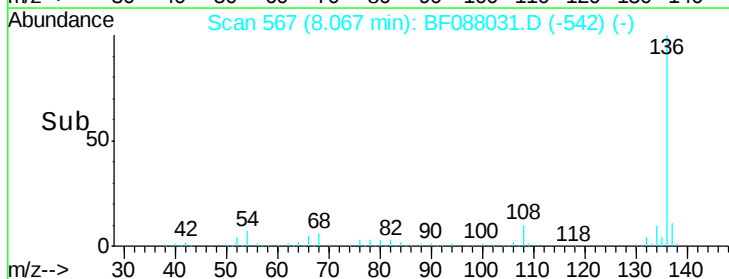
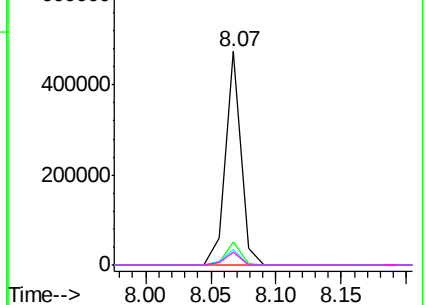


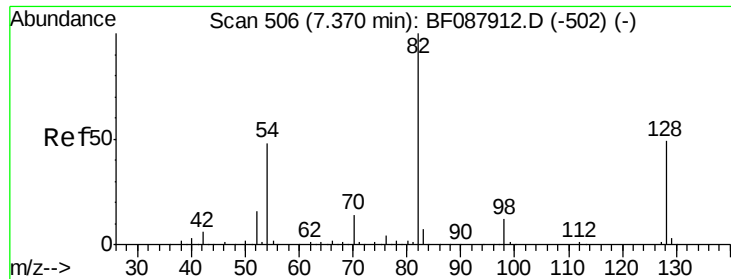
Abundance Ion 136.00 (135.70 to 136.70): E

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

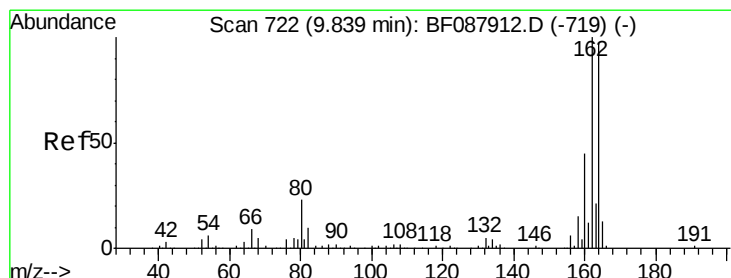
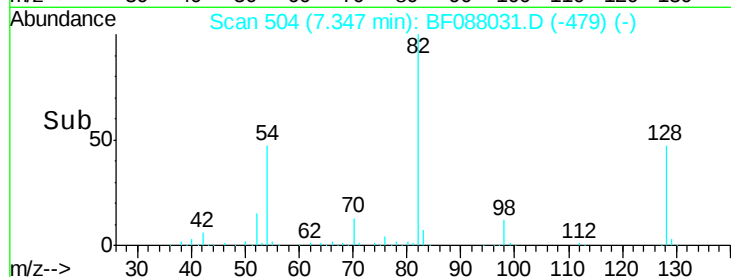
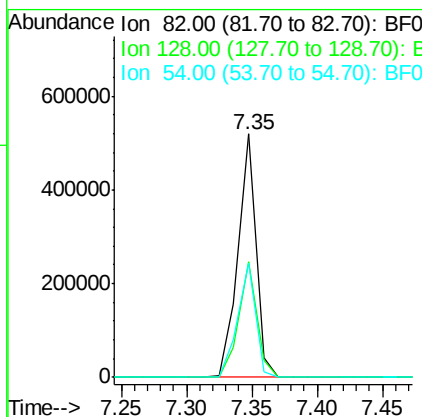
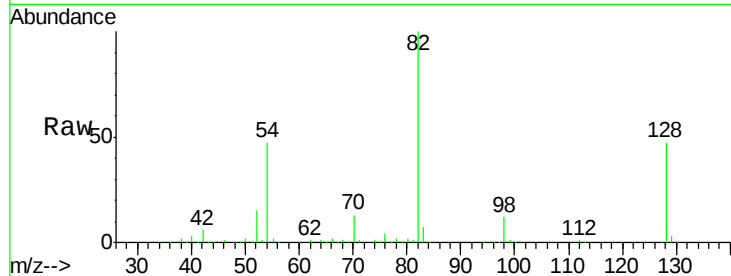




#23
 Nitrobenzene-d5
 Concen: 73.70 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF088031.D
 Acq: 15 Jun 2016 7:14

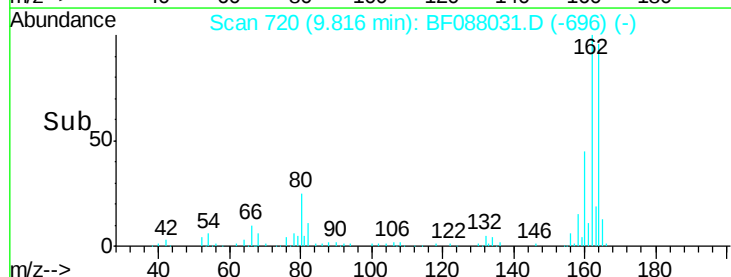
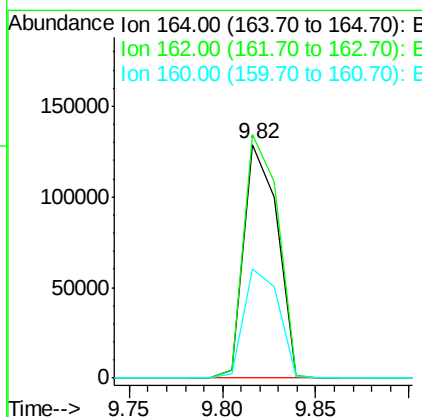
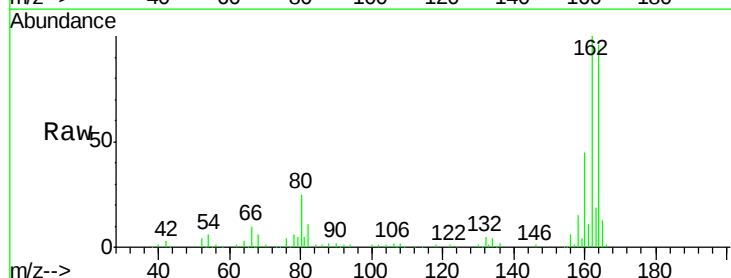
Instrument :
 BNA_F
 ClientSampleId :
 STA-1065-(0-4)

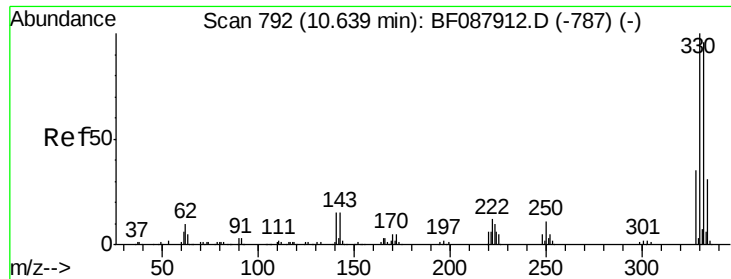
Tot Ion: 82 Resp: 495394
 Ion Ratio Lower Upper
 82 100
 128 47.4 35.9 53.9
 54 47.1 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.02 min
 Lab File: BF088031.D
 Acq: 15 Jun 2016 7:14

Tgt Ion:164 Resp: 160343
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.4 128.2
 160 46.8 39.5 59.3

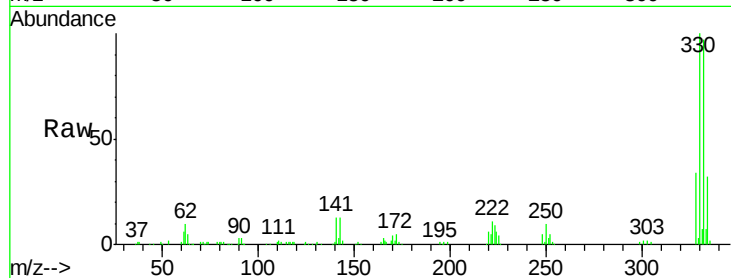




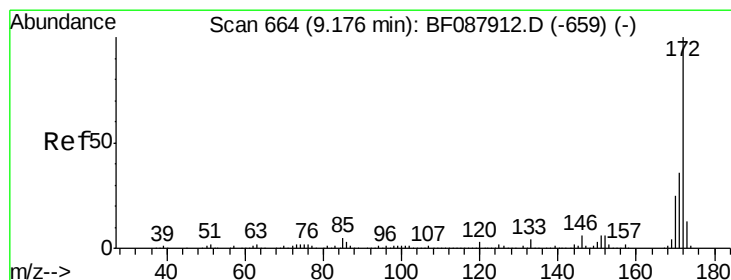
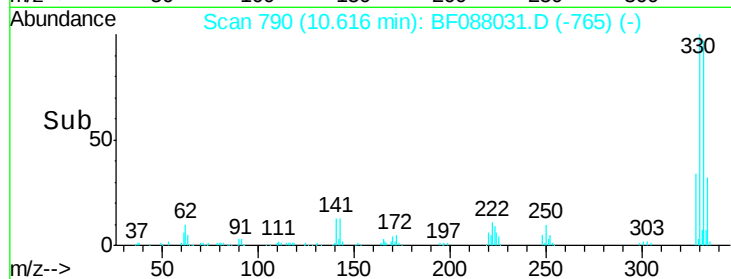
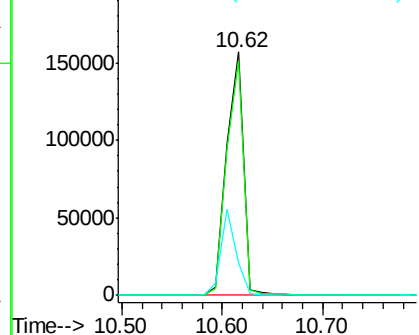
#41
 2,4,6-Tribromophenol
 Concen: 108.57 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF088031.D
 Acq: 15 Jun 2016 7:14

Instrument :
 BNA_F
 ClientSampleId :
 STA-1065-(0-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	32.1	0.0	0.0#

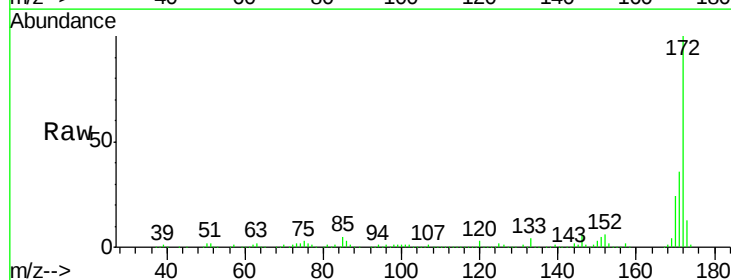


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

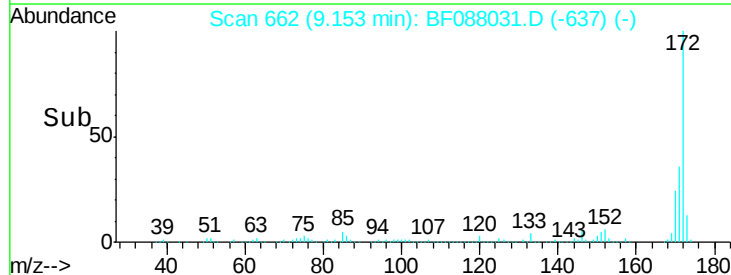
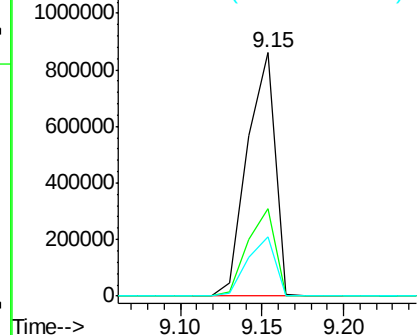


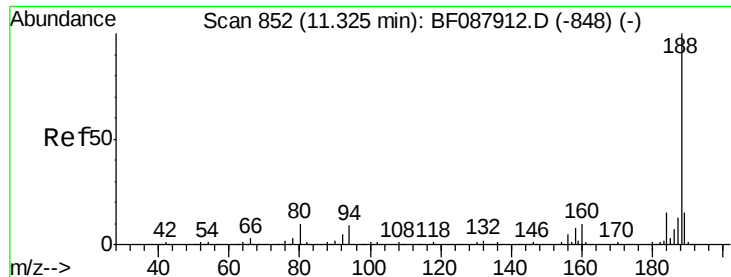
#44
 2-Fluorobiphenyl
 Concen: 100.60 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF088031.D
 Acq: 15 Jun 2016 7:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.1	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

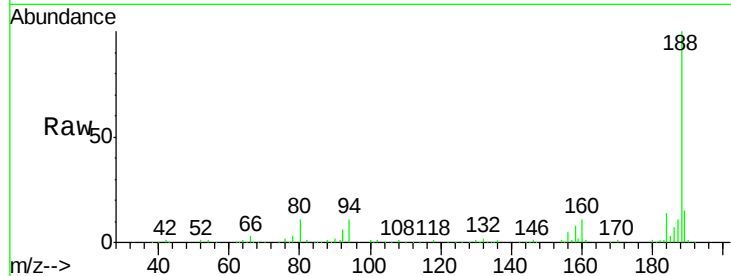




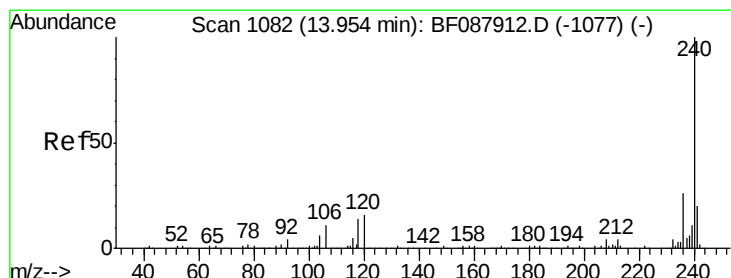
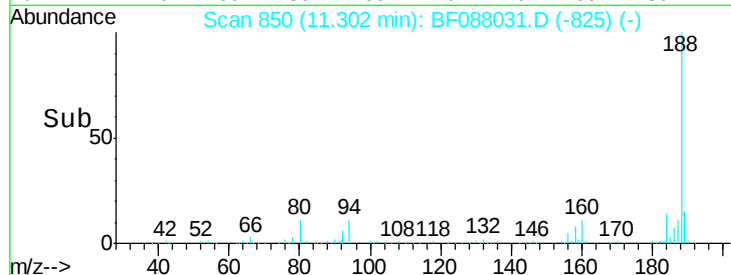
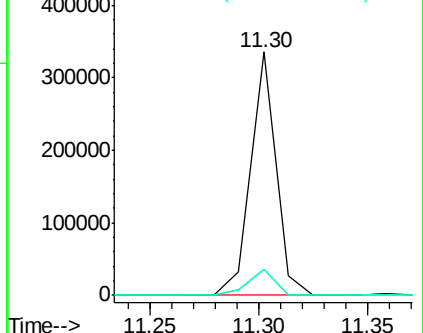
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF088031.D
Acq: 15 Jun 2016 7:14

Instrument :
BNA_F
ClientSampleId :
STA-1065-(0-4)

Tot Ion:188 Resp: 271609
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.6
80 10.9 10.0 15.0

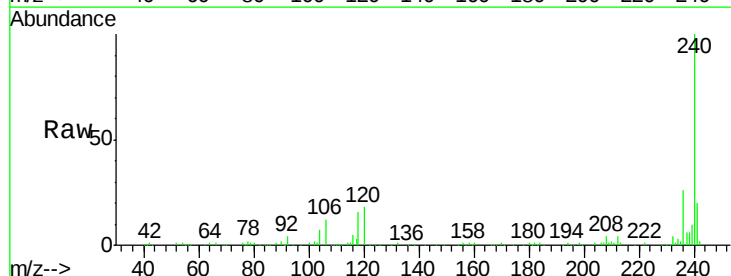


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

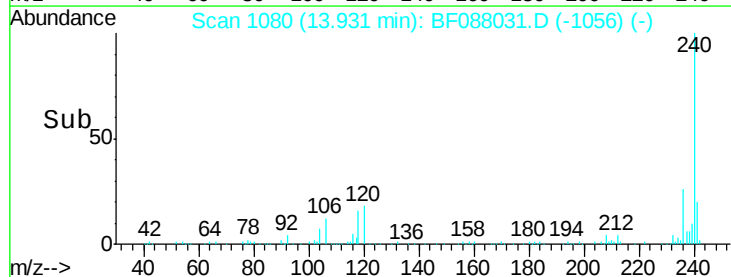
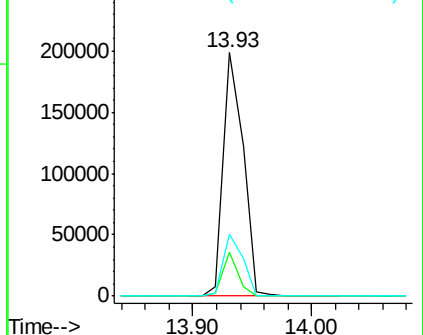


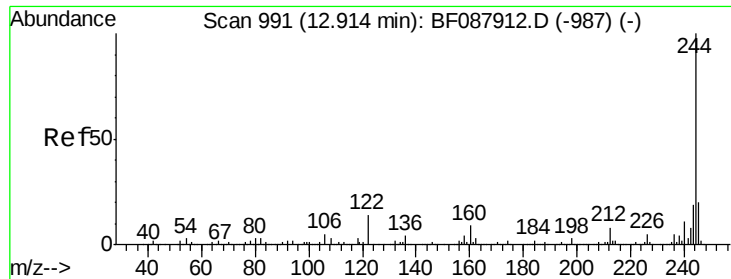
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BF088031.D
Acq: 15 Jun 2016 7:14

Tgt Ion:240 Resp: 229191
Ion Ratio Lower Upper
240 100
120 18.1 6.8 10.2#
236 25.6 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

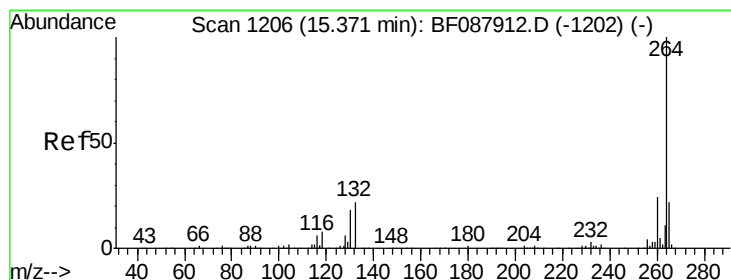
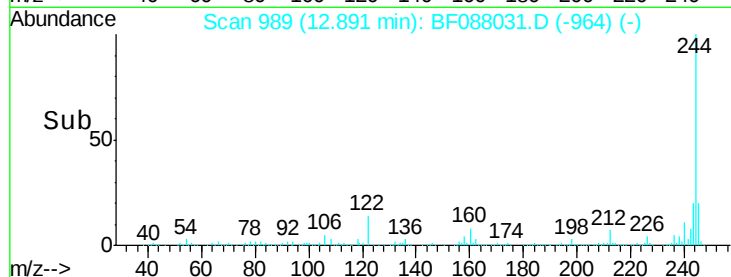
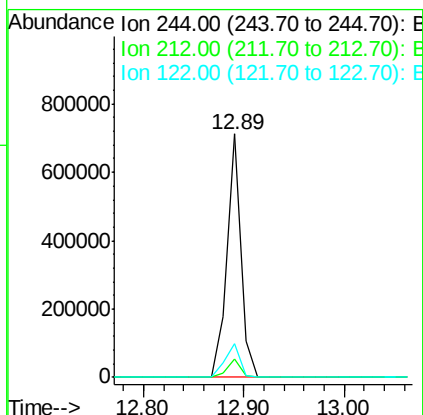
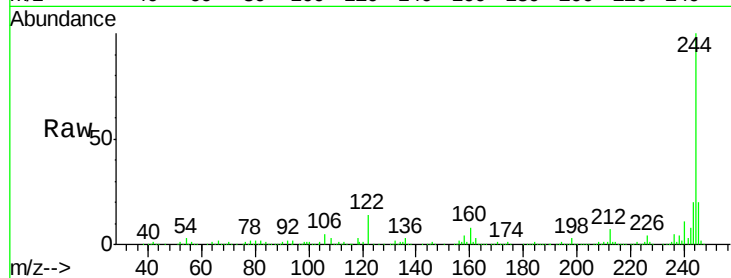




#78
 Terphenyl-d14
 Concen: 68.26 ng
 RT: 12.89 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF088031.D
 Acq: 15 Jun 2016 7:14

Instrument :
 BNA_F
 ClientSampleId :
 STA-1065-(0-4)

Tot Ion:244 Resp: 687525
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.1 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF088031.D
 Acq: 15 Jun 2016 7:14

Tgt Ion:264 Resp: 169481
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 20.7 16.9 25.3

