

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
 Data File : BF088106.D
 Acq On : 17 Jun 2016 21:31
 Operator : UM/SJ
 Sample : H3591-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-3

Quant Time: Jun 18 00:57:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

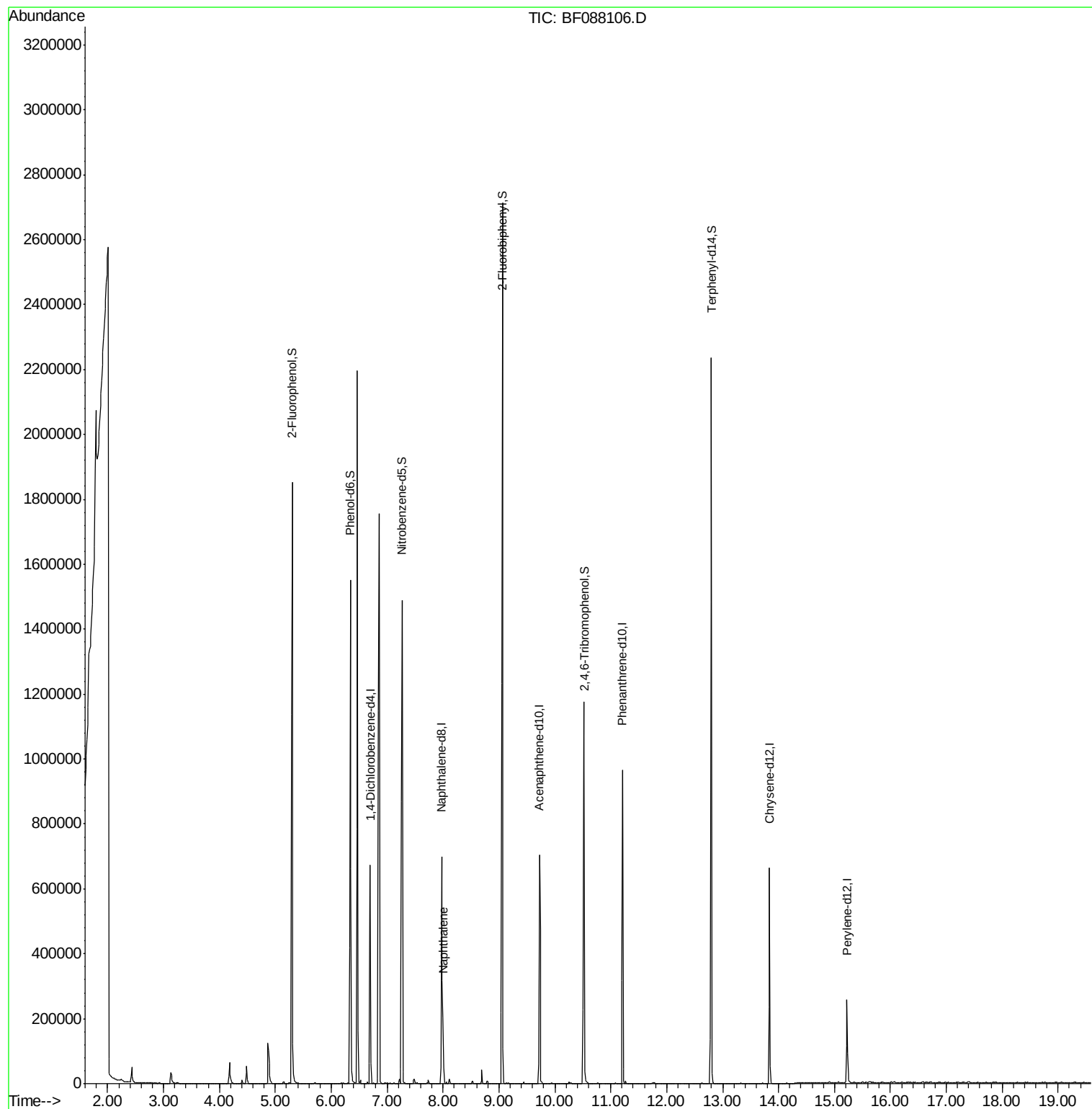
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	98980	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	373130	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	183224	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	372533	20.00	ng	0.00
75) Chrysene-d12	13.84	240	239052	20.00	ng	-0.01
86) Perylene-d12	15.22	264	86272	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	681457	117.70	ng	0.02
7) Phenol-d6	6.34	99	714375	101.81	ng	-0.01
23) Nitrobenzene-d5	7.27	82	601106	94.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	238790	123.43	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	989386	84.82	ng	-0.01
78) Terphenyl-d14	12.80	244	877856	83.56	ng	0.00
Target Compounds						
31) Naphthalene	8.00	128	98629	5.34	ng	Qvalue 98

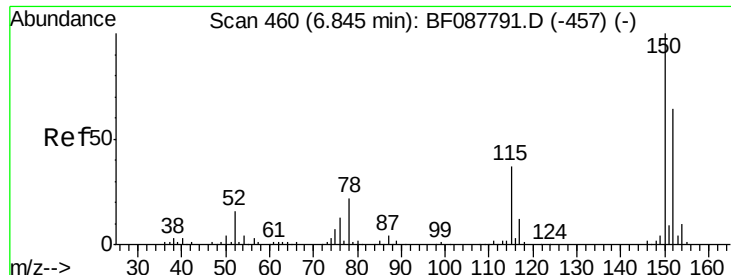
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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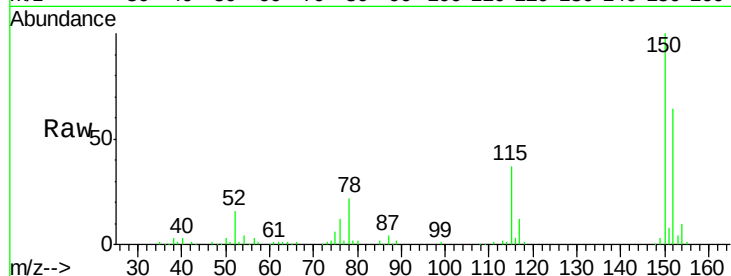


#1

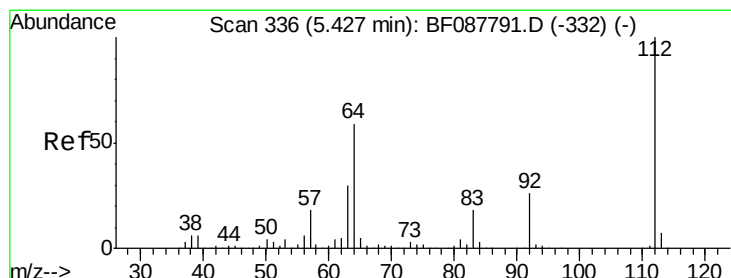
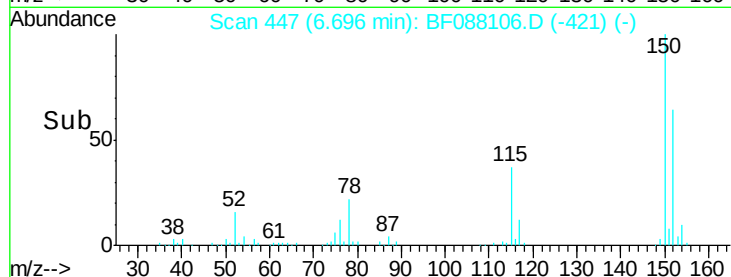
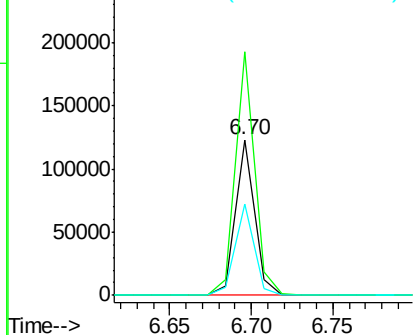
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF088106.D
Acq: 17 Jun 2016 21:31

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ClientSampleId :
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Tot Ion:152 Resp: 98980
Ion Ratio Lower Upper
152 100
150 156.2 123.8 185.6
115 58.3 39.6 59.4



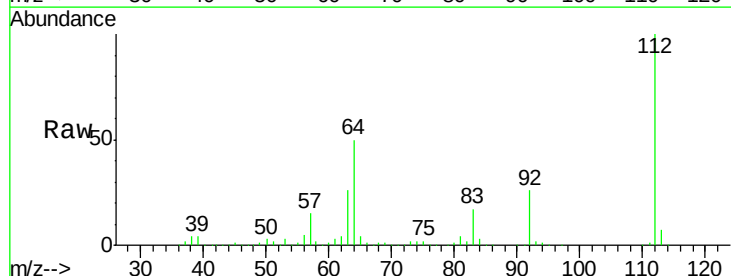
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



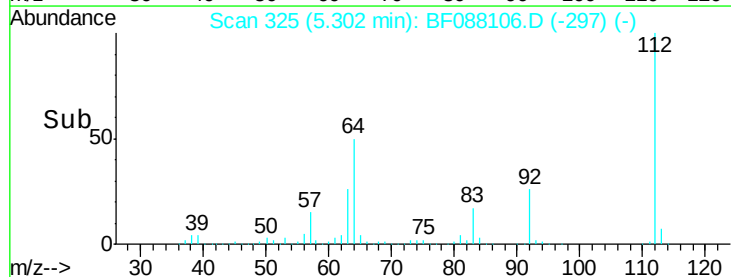
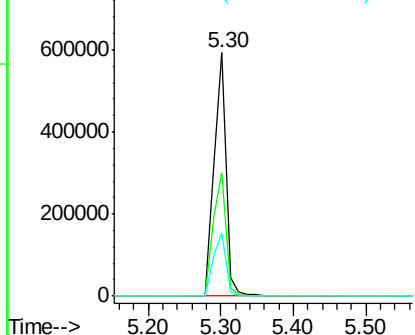
#5

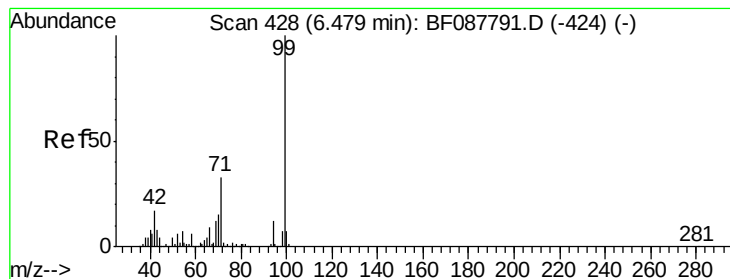
2-Fluorophenol
Concen: 117.70 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.02 min
Lab File: BF088106.D
Acq: 17 Jun 2016 21:31

Tgt Ion:112 Resp: 681457
Ion Ratio Lower Upper
112 100
64 50.4 42.2 63.2
63 26.0 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: 101.81 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088106.D

Acq: 17 Jun 2016 21:31

Instrument :

BNA_F

ClientSampleId :

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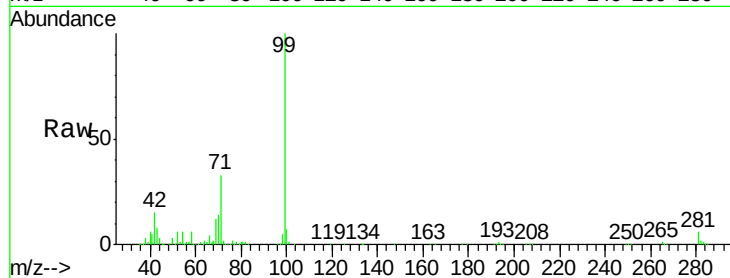
Tot Ion: 99 Resp: 714375

Ion Ratio Lower Upper

99 100

42 15.4 12.2 18.2

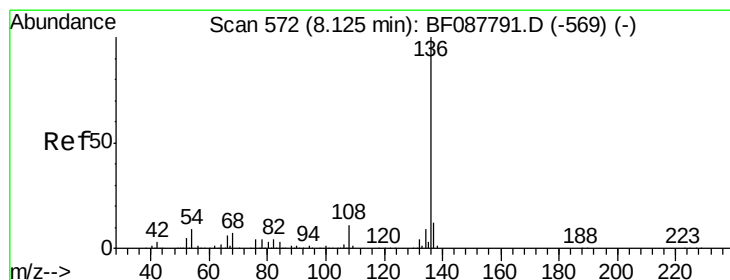
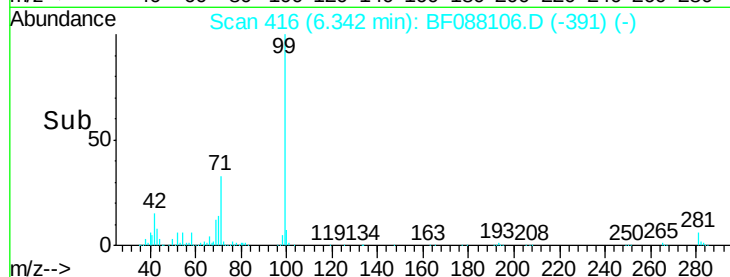
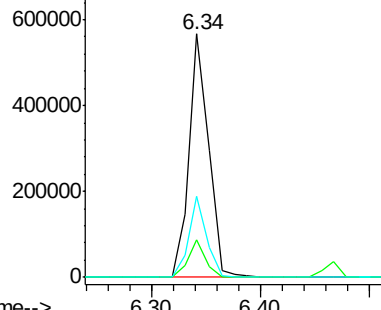
71 33.1 23.4 35.0



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: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088106.D

Acq: 17 Jun 2016 21:31

Tgt Ion: 136 Resp: 373130

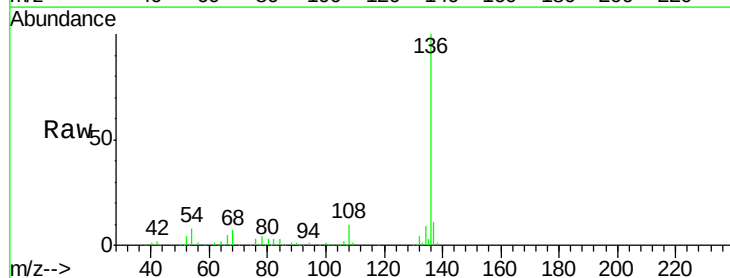
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.3 6.6 10.0

68 6.8 5.1 7.7

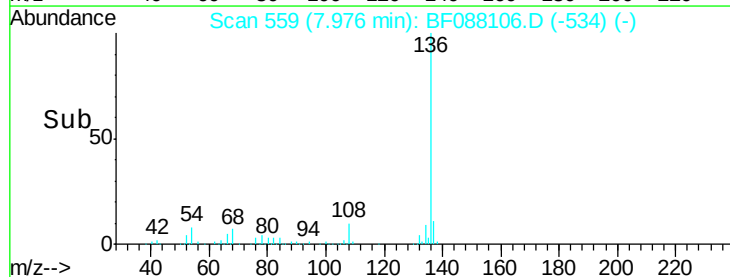
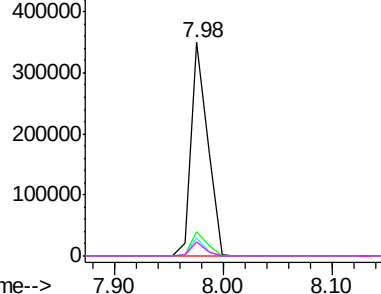


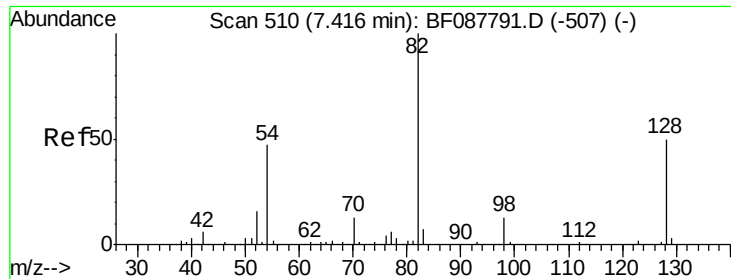
Abundance Ion 136.00 (135.70 to 136.70): E

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

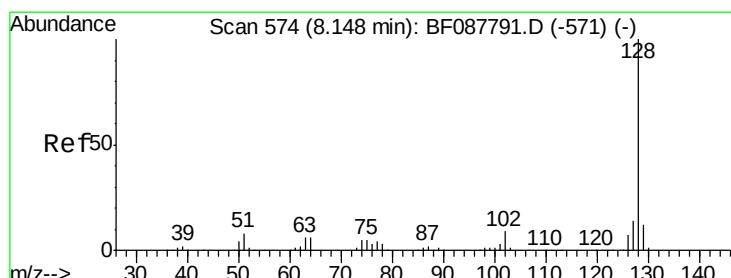
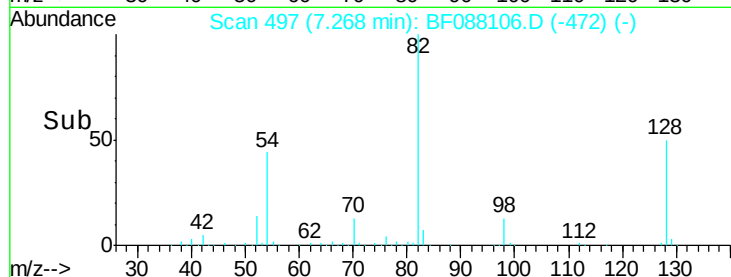
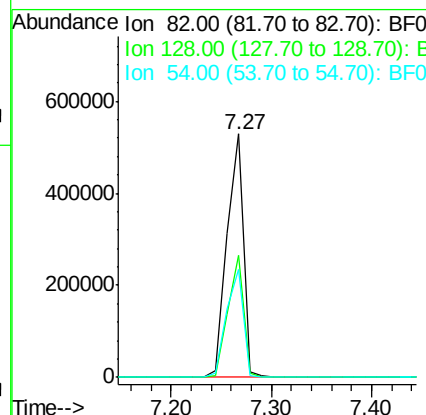
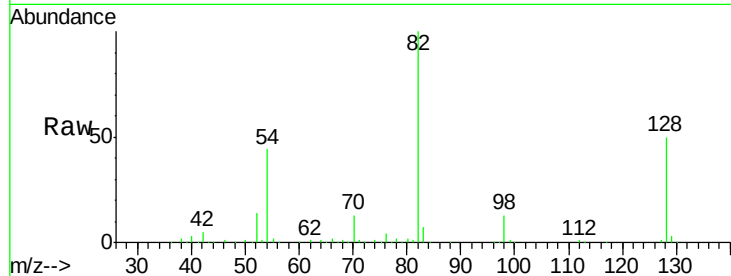




#23
 Nitrobenzene-d5
 Concen: 94.07 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF088106.D
 Acq: 17 Jun 2016 21:31

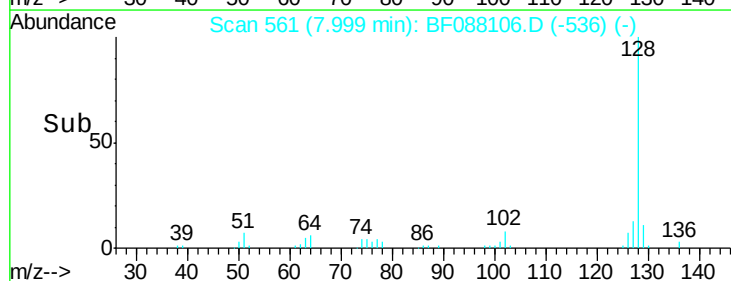
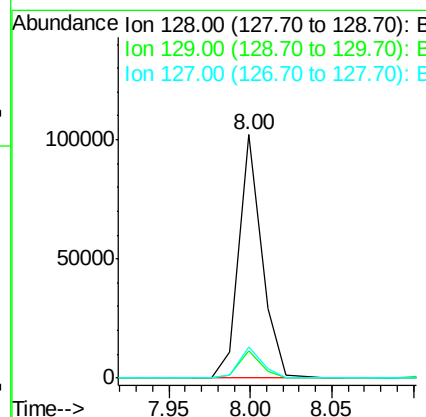
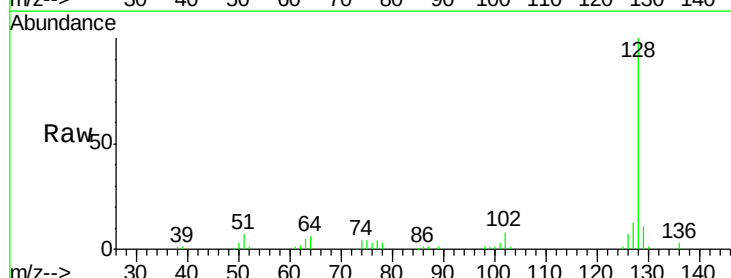
Instrument :
 BNA_F
 ClientSampleId :
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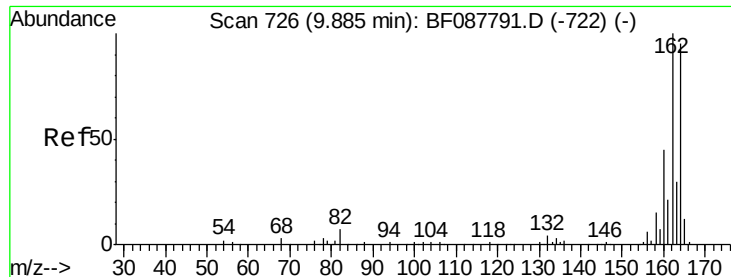
Tot Ion	82	Resp	601106
Ion Ratio	100	Lower	Upper
128	50.1	35.9	53.9
54	44.2	40.9	61.3



#31
 Naphthalene
 Concen: 5.34 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BF088106.D
 Acq: 17 Jun 2016 21:31

Tgt Ion	128	Resp	98629
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
129	11.1	9.4	14.2
127	12.7	10.9	16.3

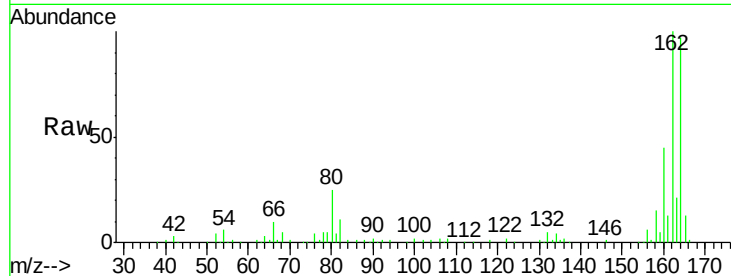




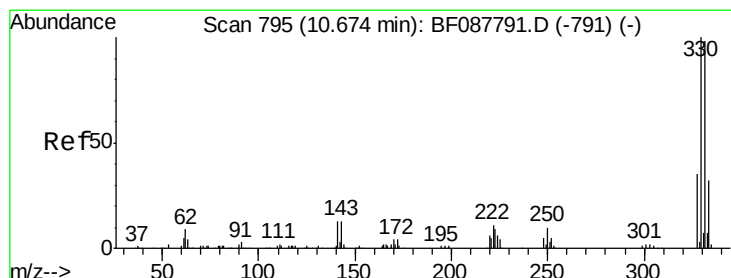
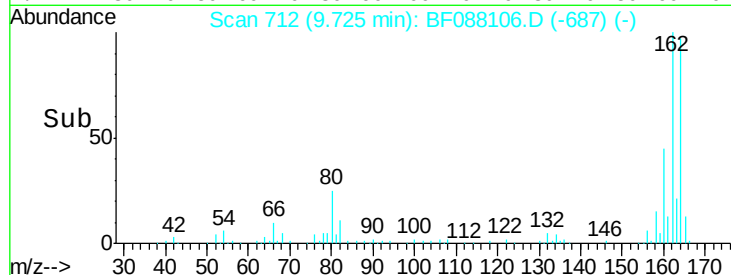
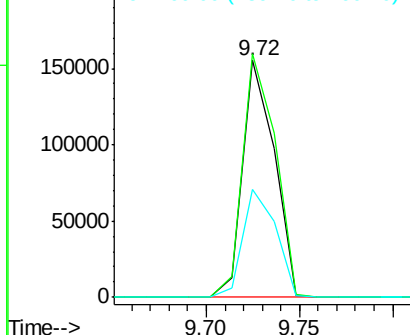
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF088106.D
Acq: 17 Jun 2016 21:31

Instrument :
BNA_F
ClientSampleId :
W-3

Tot Ion:164 Resp: 183224
Ion Ratio Lower Upper
164 100
162 102.7 85.4 128.2
160 45.8 39.5 59.3

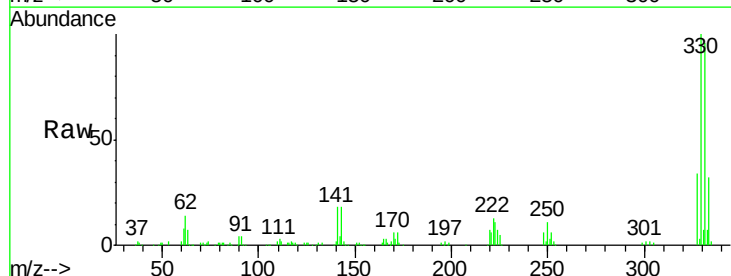


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

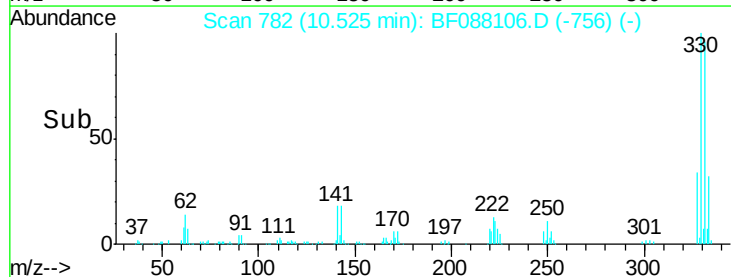
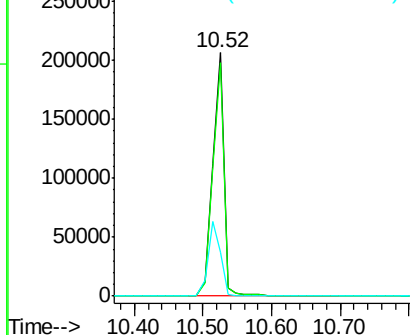


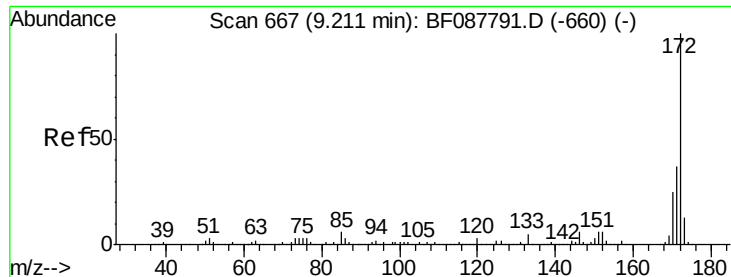
#41
2,4,6-Tribromophenol
Concen: 123.43 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF088106.D
Acq: 17 Jun 2016 21:31

Tgt Ion:330 Resp: 238790
Ion Ratio Lower Upper
330 100
332 96.0 0.0 0.0#
141 33.7 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

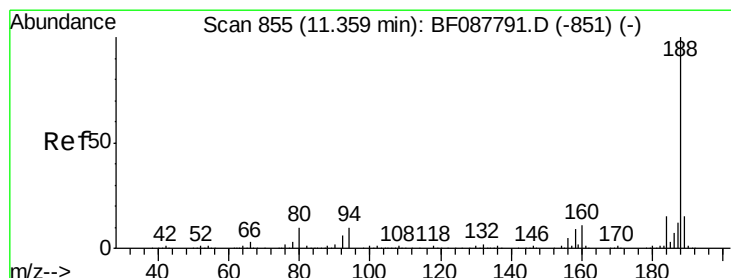
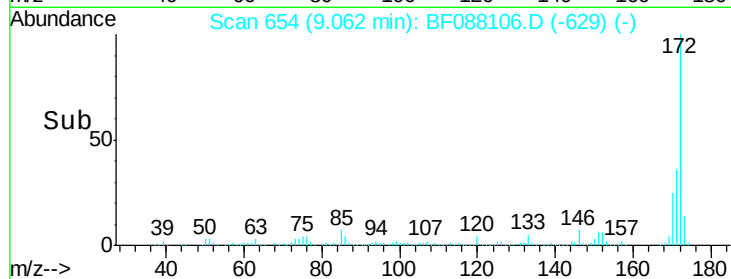
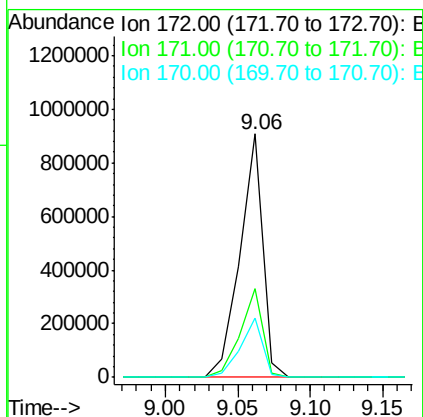
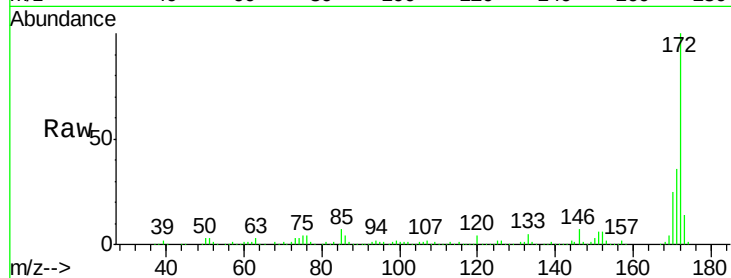




#44
 2-Fluorobiphenyl
 Concen: 84.82 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088106.D
 Acq: 17 Jun 2016 21:31

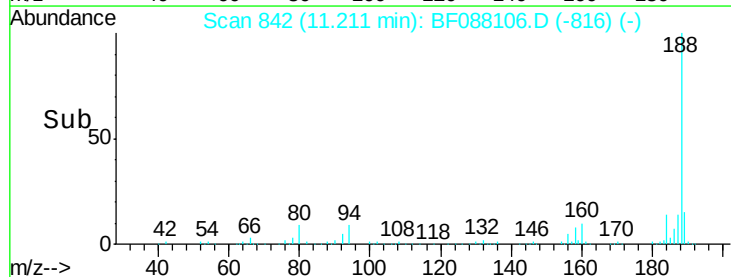
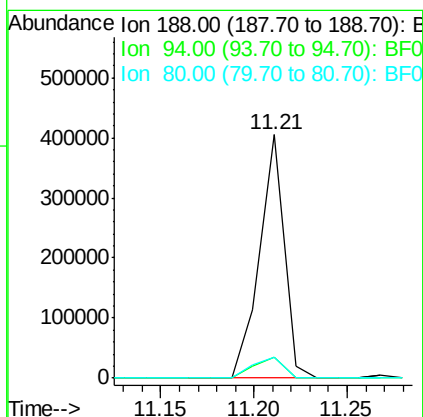
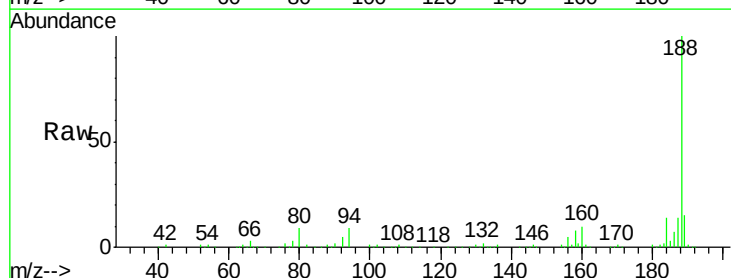
Instrument :
 BNA_F
 ClientSampleId :
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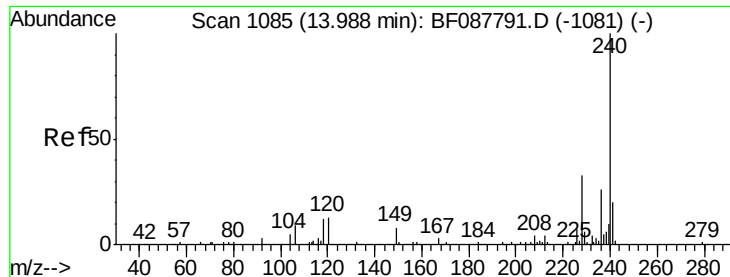
Tot Ion:172 Resp: 989386
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.6 19.2 28.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF088106.D
 Acq: 17 Jun 2016 21:31

Tgt Ion:188 Resp: 372533
 Ion Ratio Lower Upper
 188 100
 94 8.8 9.0 13.6#
 80 8.8 10.0 15.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088106.D

Acq: 17 Jun 2016 21:31

Instrument :

BNA_F

ClientSampleId :

W-3

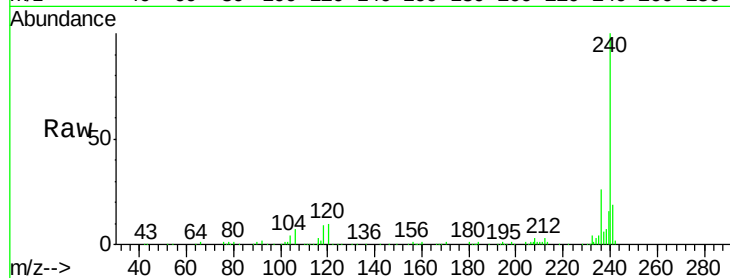
Tot Ion:240 Resp: 239052

Ion Ratio Lower Upper

240 100

120 10.0 6.8 10.2

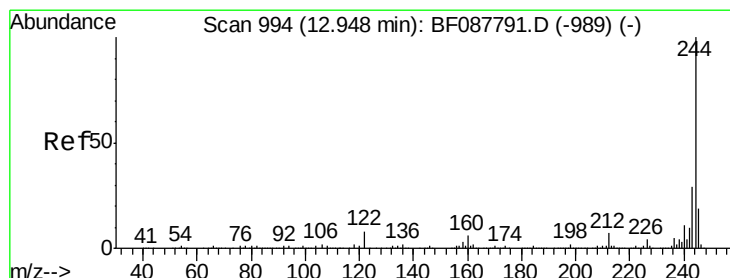
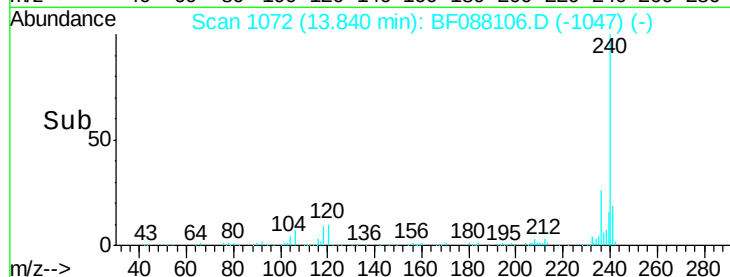
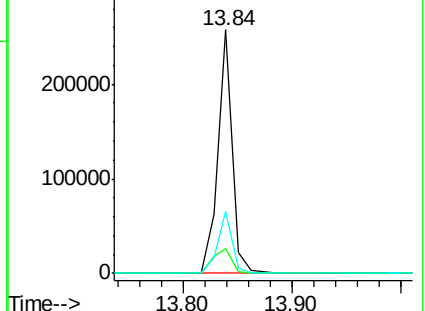
236 25.5 20.2 30.2



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: 83.56 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF088106.D

Acq: 17 Jun 2016 21:31

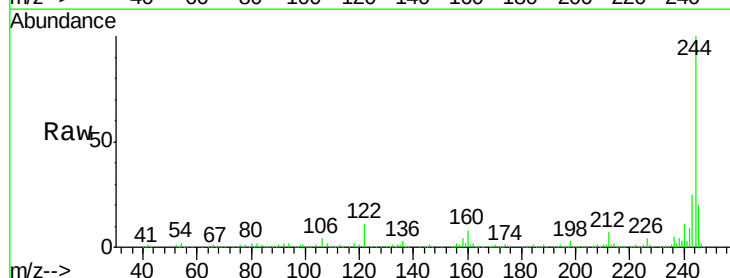
Tgt Ion:244 Resp: 877856

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

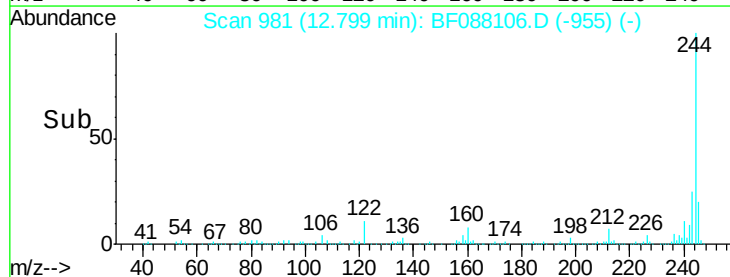
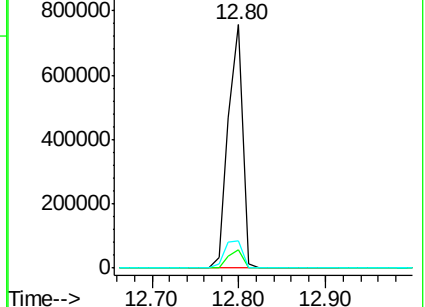
122 11.0 11.2 16.8#

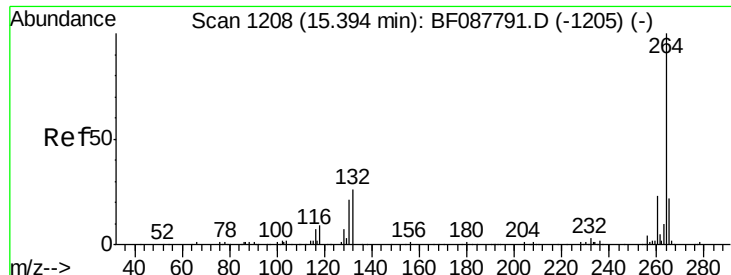


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

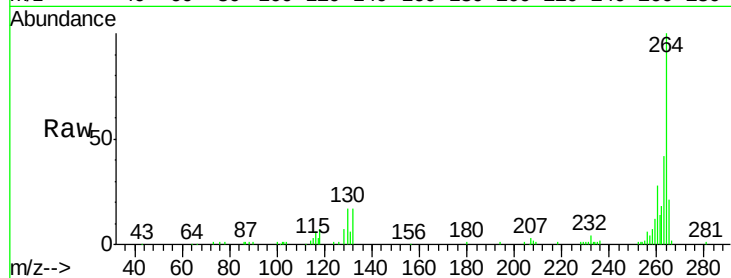




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BF088106.D
Acq: 17 Jun 2016 21:31

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	28.3	19.2	28.8
265	21.4	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

