

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
 Data File : BF088167.D
 Acq On : 19 Jun 2016 7:38
 Operator : UM/SJ
 Sample : H3628-12
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-38

Quant Time: Jun 20 07:02:33 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

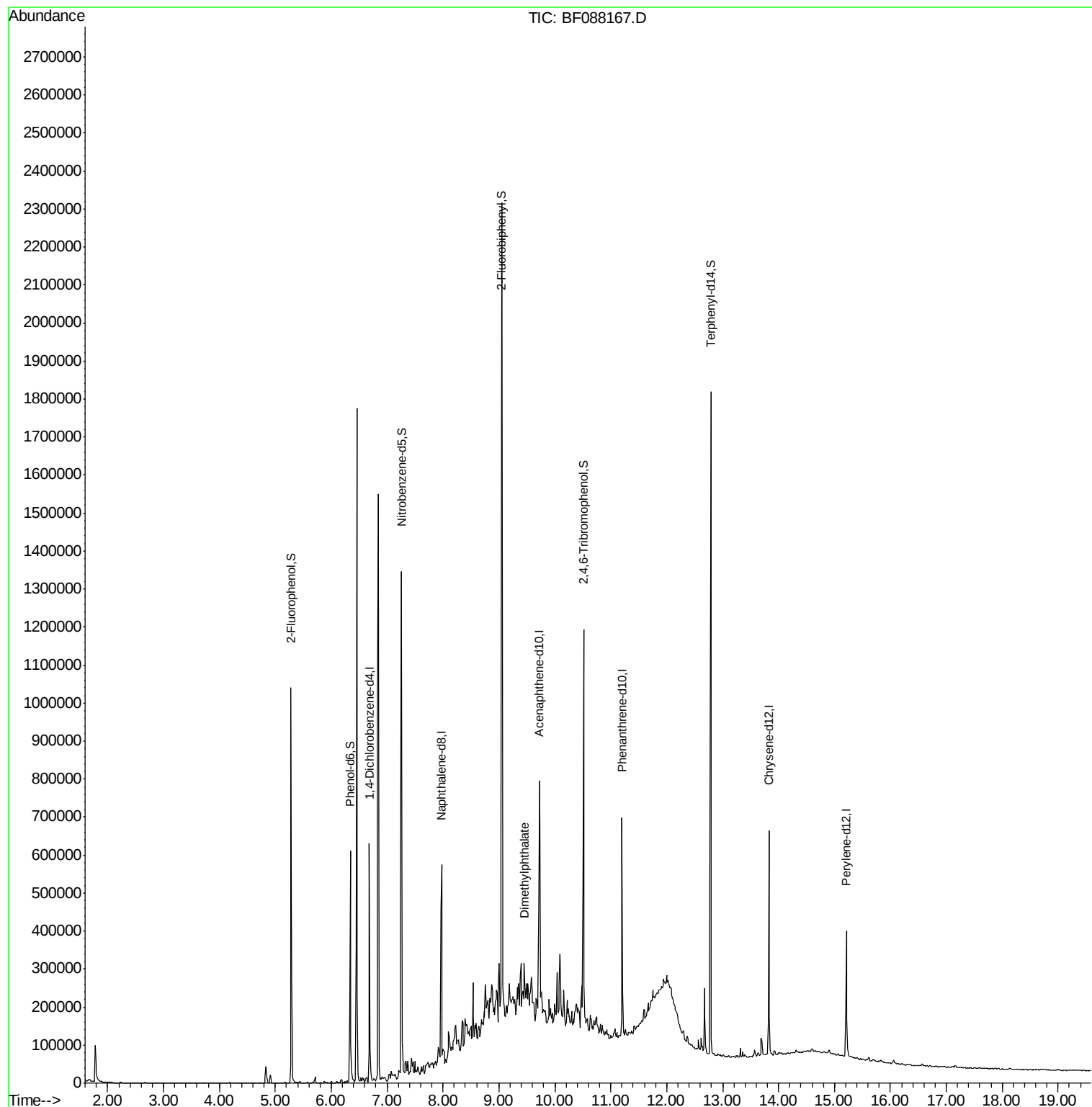
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	92230	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	319874	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	129093	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	203505	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	181534	20.00	ng	-0.02
86) Perylene-d12	15.21	264	135636	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	315614	58.50	ng	0.00
7) Phenol-d6	6.34	99	248396	37.99	ng	-0.01
23) Nitrobenzene-d5	7.26	82	465524	84.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	126060	92.48	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	708526	86.31	ng	-0.02
78) Terphenyl-d14	12.79	244	607625	76.17	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	27319	2.92	ng	Qvalue 96

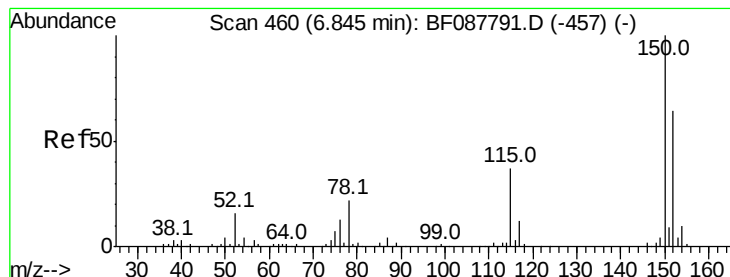
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF088167.D

Acq: 19 Jun 2016 7:38

Instrument :

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ClientSampleId :

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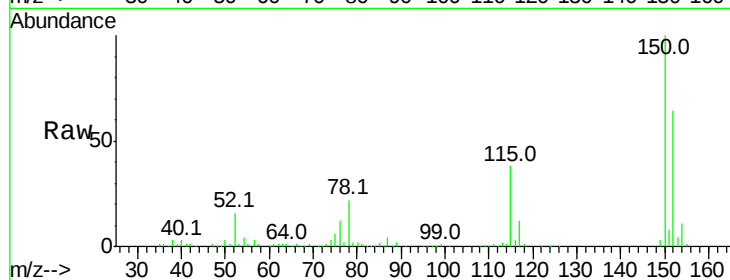
Tot Ion:152 Resp: 92230

Ion Ratio Lower Upper

152 100

150 156.7 123.8 185.6

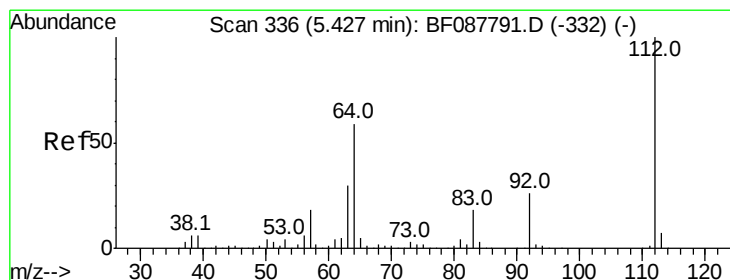
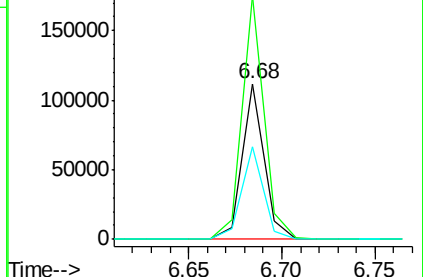
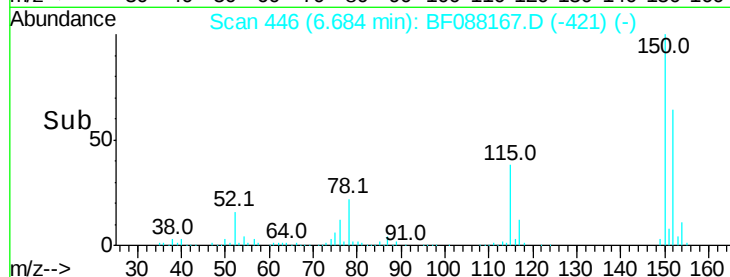
115 59.5 39.6 59.4#



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: 58.50 ng

RT: 5.28 min Scan# 323

Delta R.T. -0.00 min

Lab File: BF088167.D

Acq: 19 Jun 2016 7:38

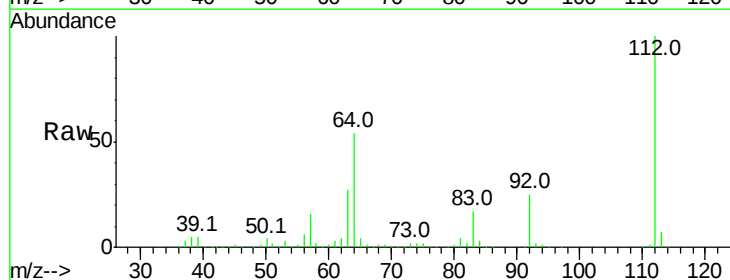
Tgt Ion:112 Resp: 315614

Ion Ratio Lower Upper

112 100

64 54.4 42.2 63.2

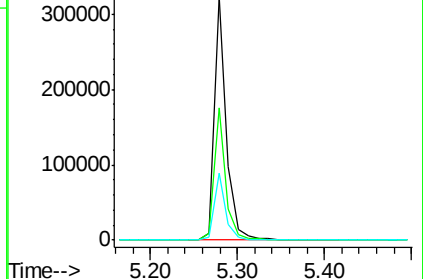
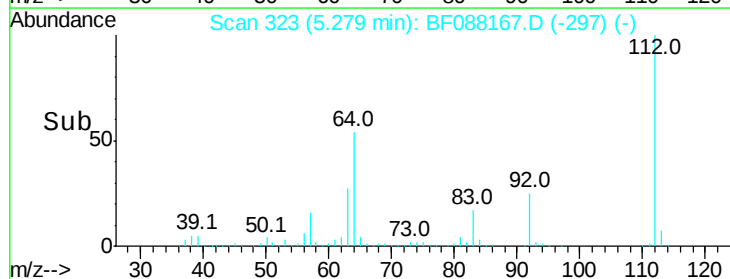
63 27.5 21.8 32.8

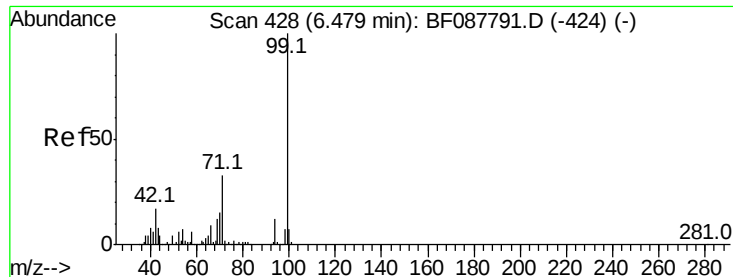


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.99 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088167.D

Acq: 19 Jun 2016 7:38

Instrument :

BNA_F

ClientSampleId :

W-38

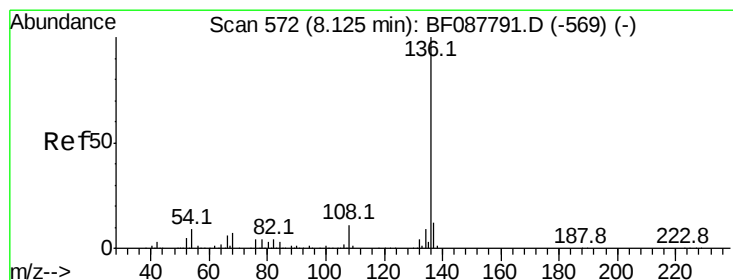
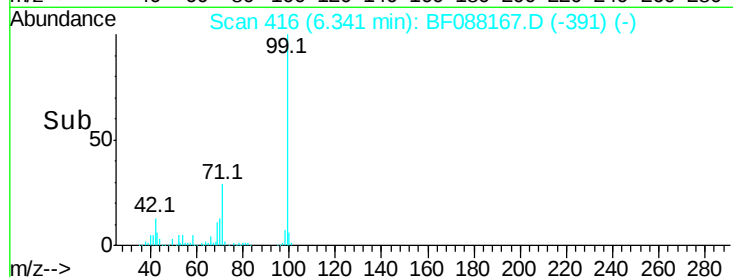
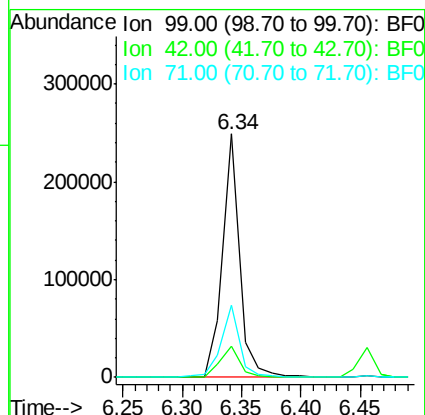
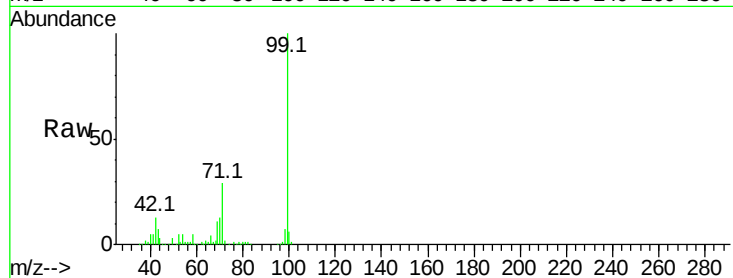
Tot Ion: 99 Resp: 248396

Ion Ratio Lower Upper

99 100

42 12.9 12.2 18.2

71 29.4 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088167.D

Acq: 19 Jun 2016 7:38

Tgt Ion: 136 Resp: 319874

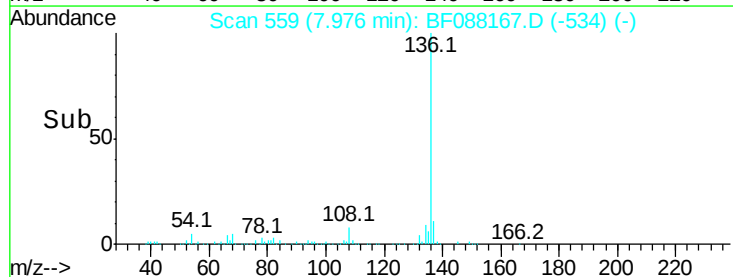
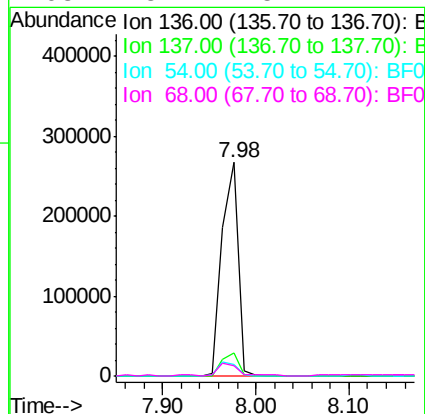
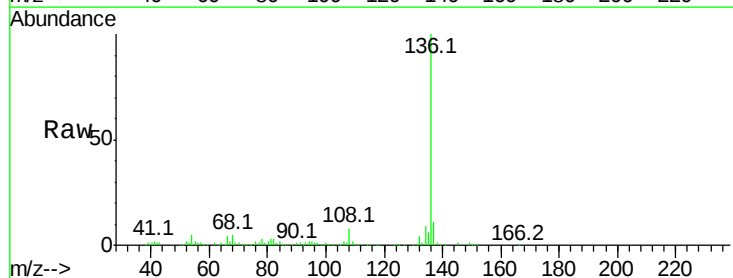
Ion Ratio Lower Upper

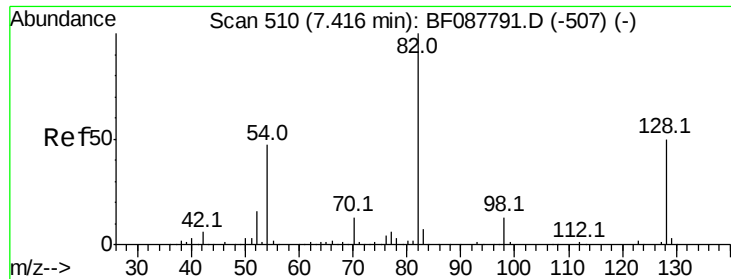
136 100

137 10.6 9.1 13.7

54 5.3 6.6 10.0#

68 5.1 5.1 7.7#

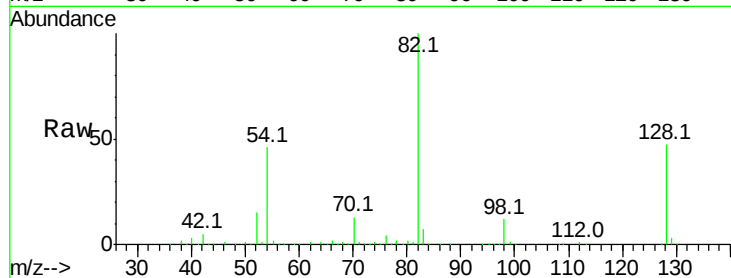




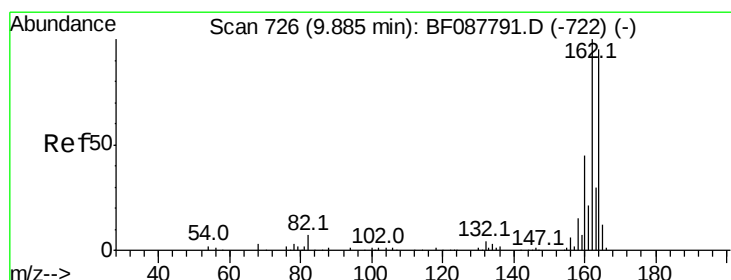
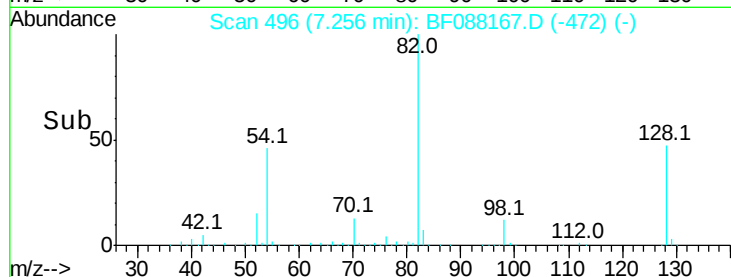
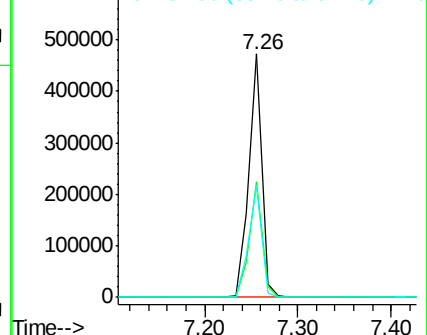
#23
 Nitrobenzene-d5
 Concen: 84.98 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088167.D
 Acq: 19 Jun 2016 7:38

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion: 82 Resp: 465524
 Ion Ratio Lower Upper
 82 100
 128 47.3 35.9 53.9
 54 45.8 40.9 61.3

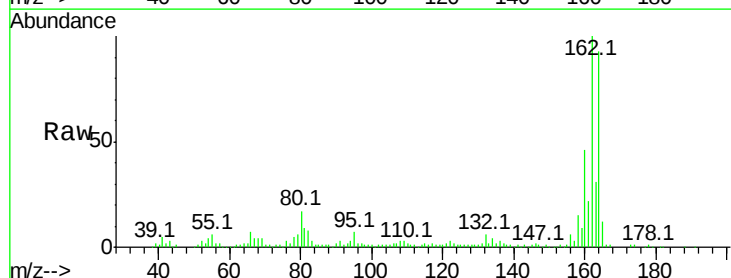


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

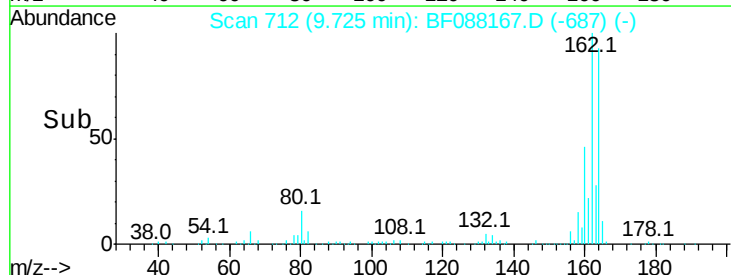
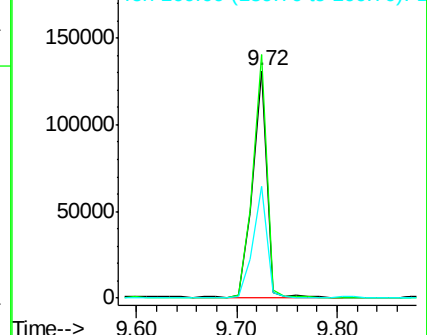


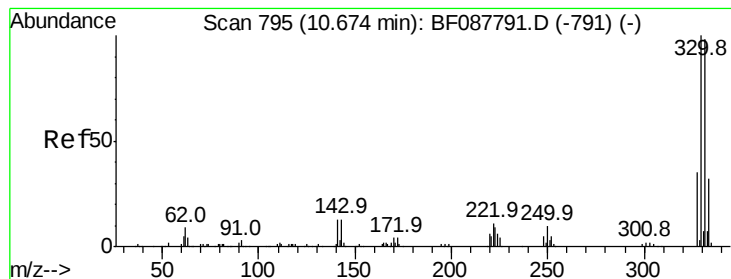
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088167.D
 Acq: 19 Jun 2016 7:38

Tgt Ion: 164 Resp: 129093
 Ion Ratio Lower Upper
 164 100
 162 107.0 85.4 128.2
 160 49.1 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: 92.48 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF088167.D

Acq: 19 Jun 2016 7:38

Instrument :

BNA_F

ClientSampleId :

W-38

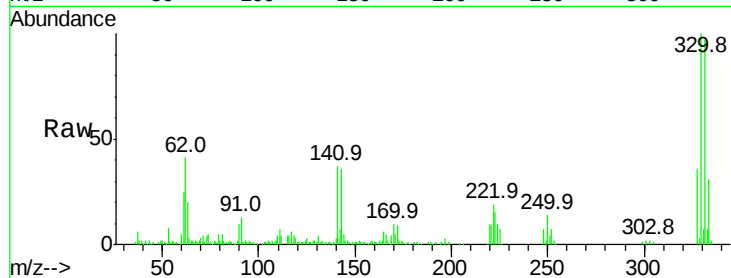
Tot Ion:330 Resp: 126060

Ion Ratio Lower Upper

330 100

332 96.6 0.0 0.0#

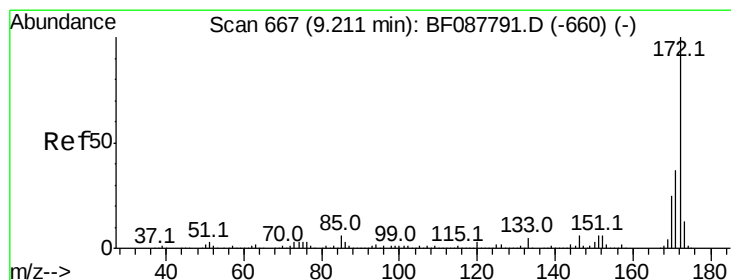
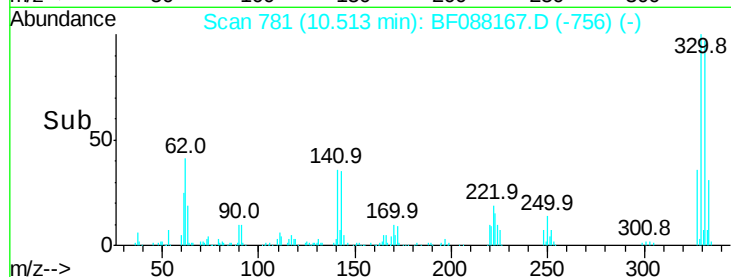
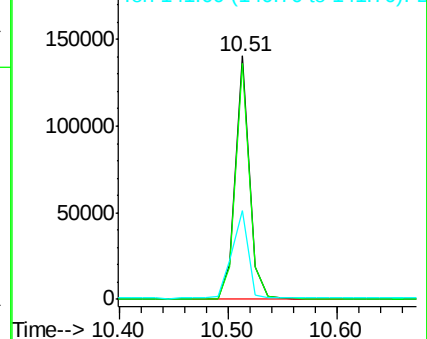
141 42.2 0.0 0.0#



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: 86.31 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF088167.D

Acq: 19 Jun 2016 7:38

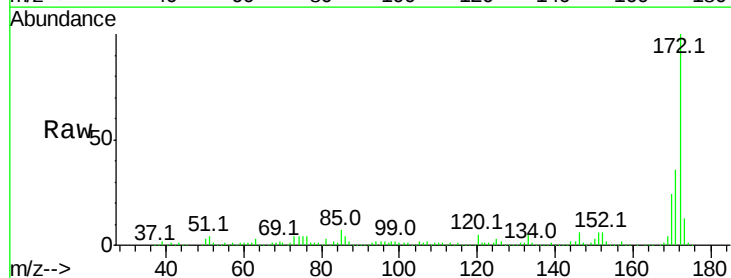
Tgt Ion:172 Resp: 708526

Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

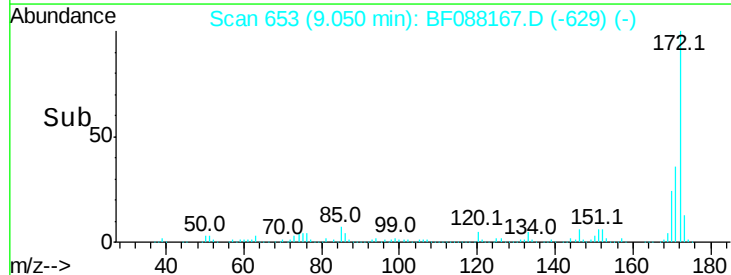
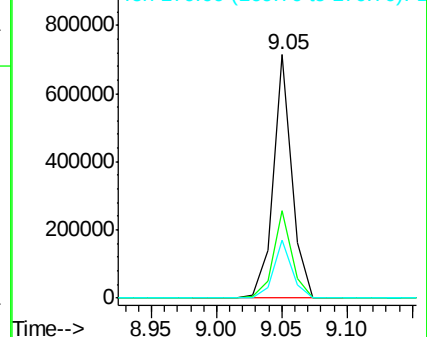
170 23.8 19.2 28.8

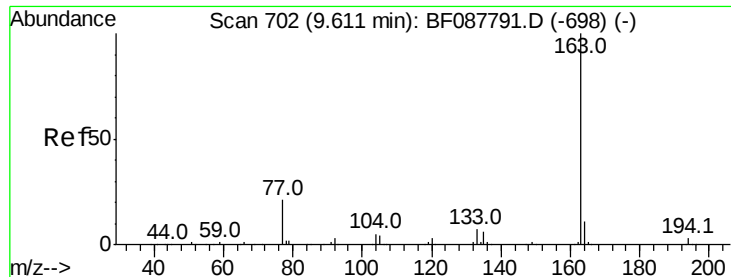


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

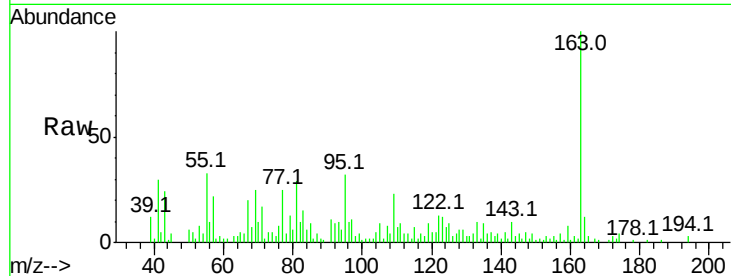




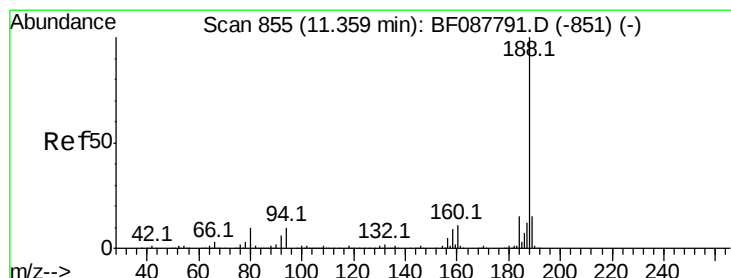
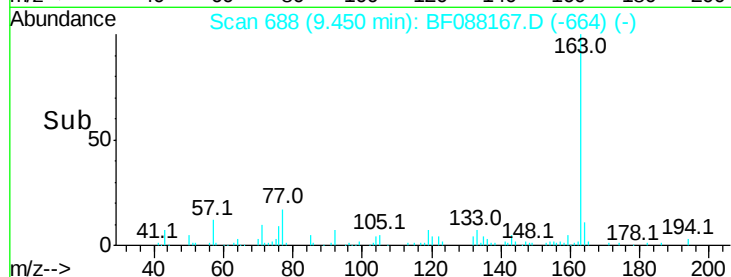
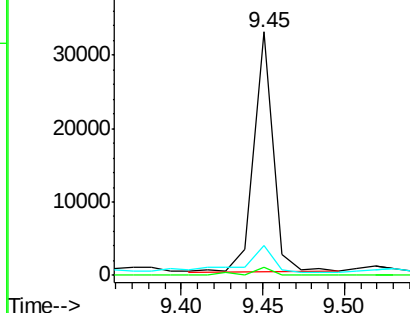
#49
Dimethylphthalate
Concen: 2.92 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF088167.D
Acq: 19 Jun 2016 7:38

Instrument :
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ClientSampleId :
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Tot Ion:163 Resp: 27319
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 12.2 8.3 12.5

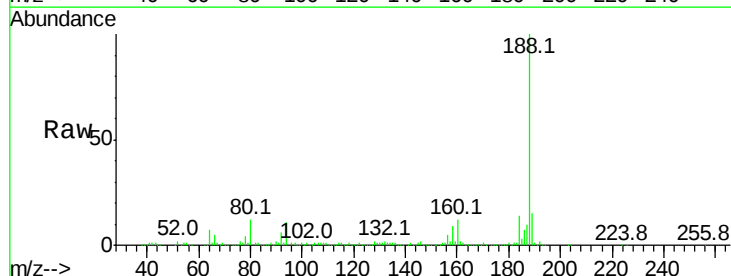


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

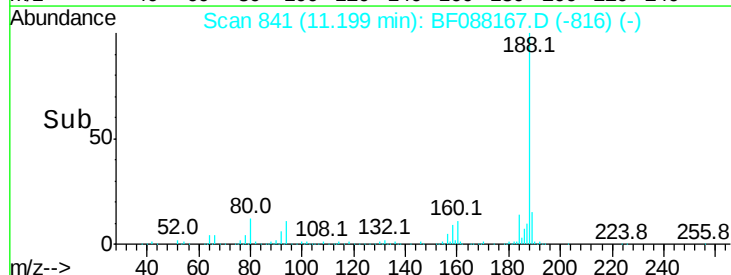
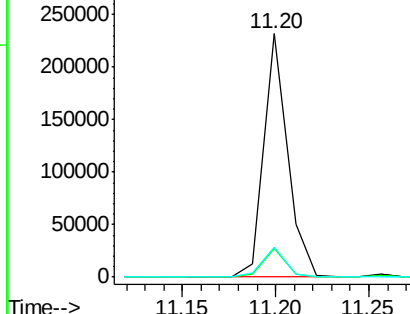


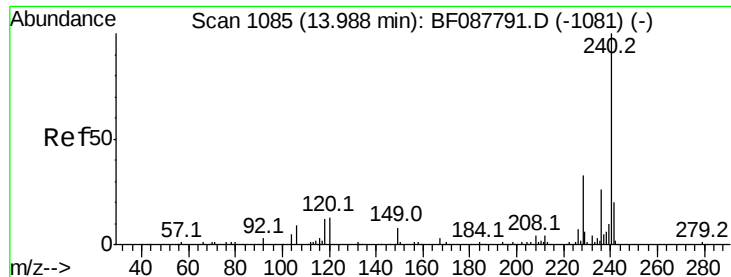
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088167.D
Acq: 19 Jun 2016 7:38

Tgt Ion:188 Resp: 203505
Ion Ratio Lower Upper
188 100
94 11.5 9.0 13.6
80 12.2 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: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088167.D

Acq: 19 Jun 2016 7:38

Instrument :

BNA_F

ClientSampled :

W-38

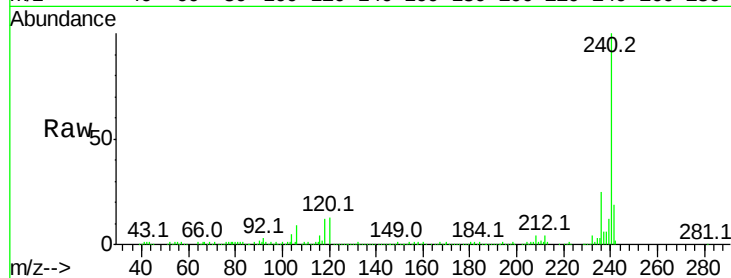
Tot Ion:240 Resp: 181534

Ion Ratio Lower Upper

240 100

120 13.5 6.8 10.2#

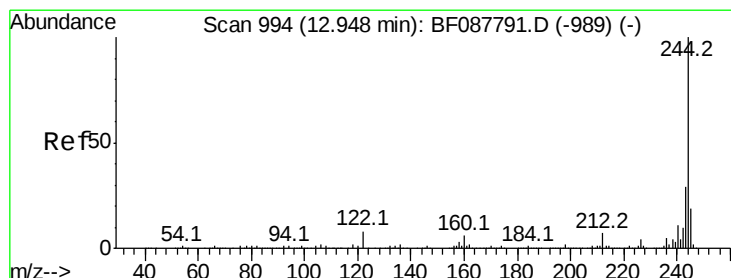
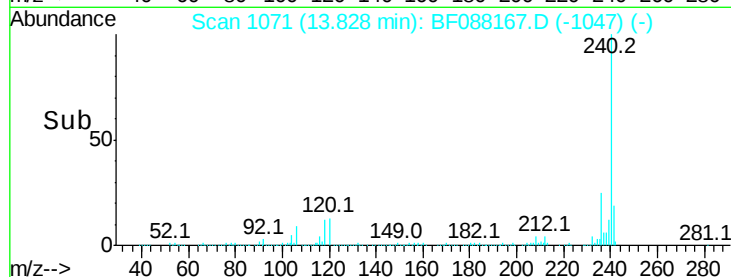
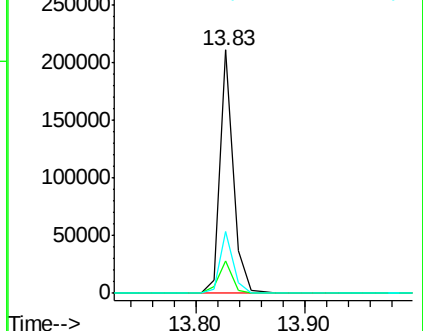
236 25.4 20.2 30.2



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: 76.17 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088167.D

Acq: 19 Jun 2016 7:38

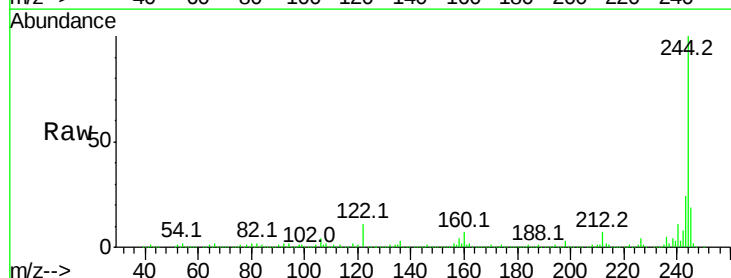
Tgt Ion:244 Resp: 607625

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

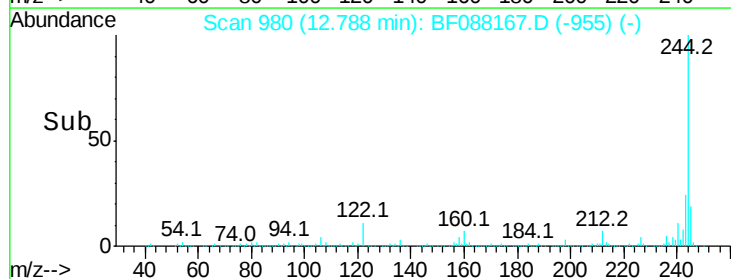
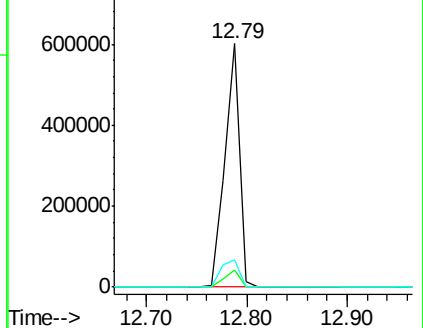
122 11.1 11.2 16.8#

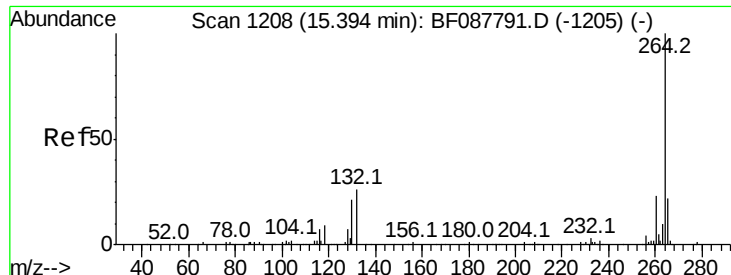


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

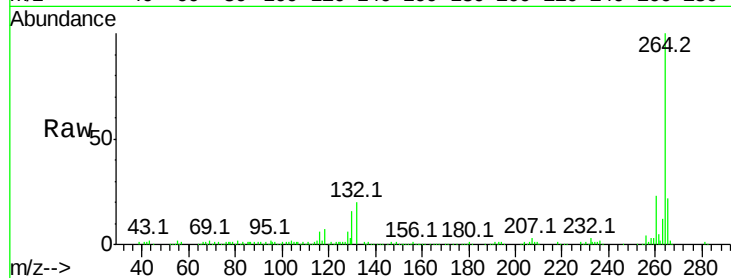




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF088167.D
Acq: 19 Jun 2016 7:38

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.7	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

