

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082407.D
 Acq On : 21 Oct 2015 16:37
 Operator : UM/IZ
 Sample : G4099-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-20151013

Quant Time: Oct 22 09:50:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	112452	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	447605	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	228636	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	469685	20.00	ng	0.00
75) Chrysene-d12	14.05	240	406814	20.00	ng	0.03
86) Perylene-d12	15.62	264	293178	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	344305	61.79	ng	0.00
7) Phenol-d6	6.41	99	255197	35.20	ng	-0.01
23) Nitrobenzene-d5	7.34	82	611876	91.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	233088	108.71	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1302088	94.44	ng	0.00
78) Terphenyl-d14	12.91	244	1338917	87.22	ng	0.01

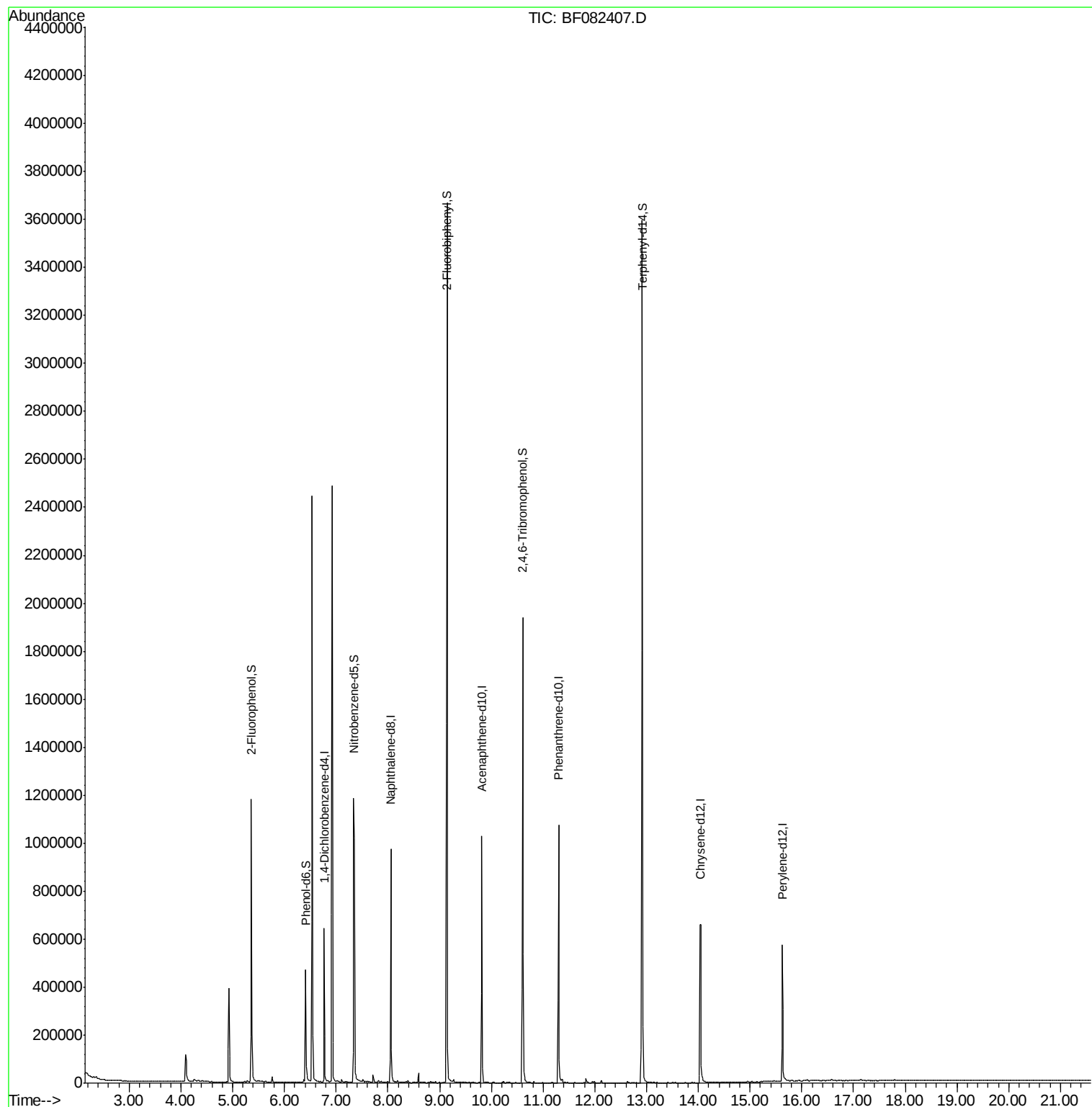
Target Compounds Qvalue

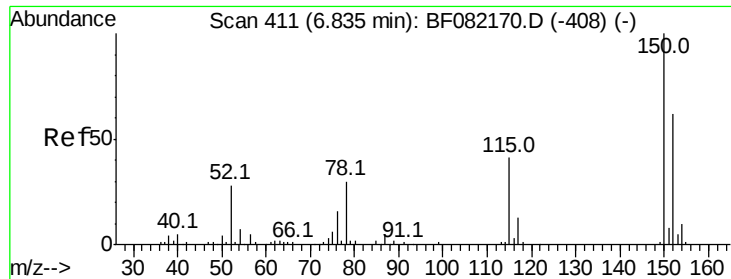
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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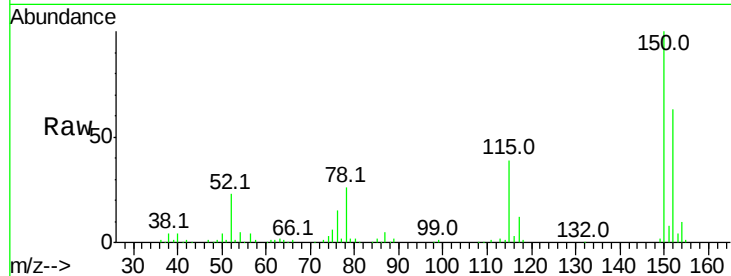


#1

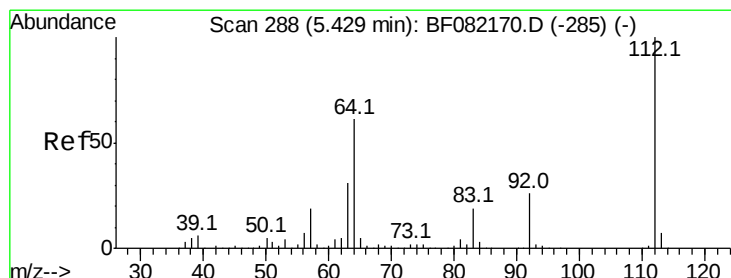
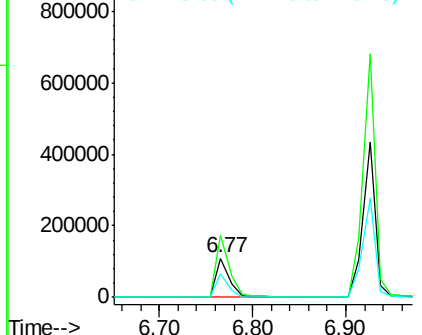
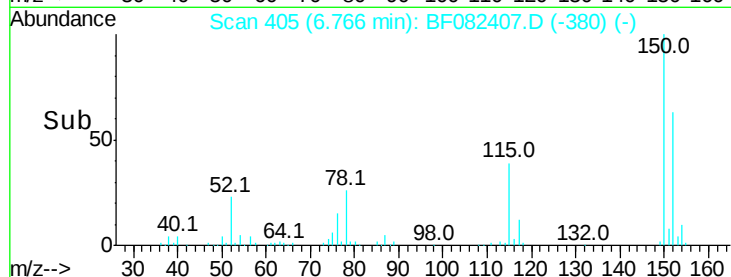
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BF082407.D
 Acq: 21 Oct 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :
 FB-20151013

Tot Ion:152 Resp: 112452
 Ion Ratio Lower Upper
 152 100
 150 157.9 129.0 193.4
 115 61.2 52.1 78.1



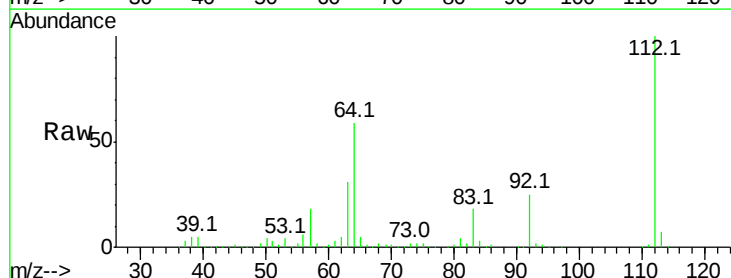
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



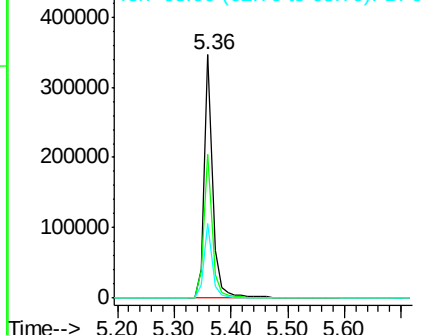
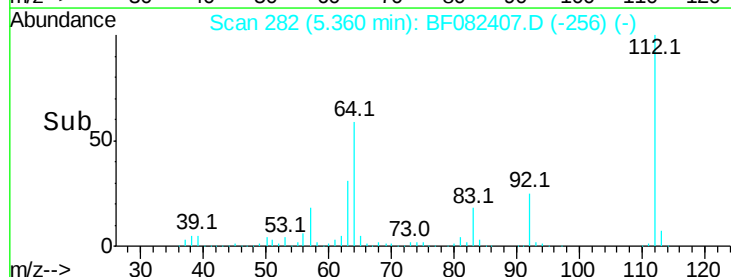
#5

2-Fluorophenol
 Concen: 61.79 ng
 RT: 5.36 min Scan# 282
 Delta R.T. -0.00 min
 Lab File: BF082407.D
 Acq: 21 Oct 2015 16:37

Tgt Ion:112 Resp: 344305
 Ion Ratio Lower Upper
 112 100
 64 59.2 48.6 73.0
 63 30.7 25.1 37.7



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: 35.20 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082407.D

Acq: 21 Oct 2015 16:37

Instrument :

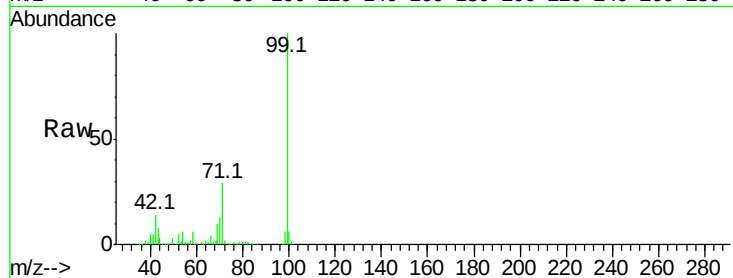
BNA_F

ClientSampleId :

FB-20151013

Tot Ion: 99 Resp: 255197

Ion	Ratio	Lower	Upper
99	100		
42	13.8	13.2	19.8
71	29.1	25.6	38.4

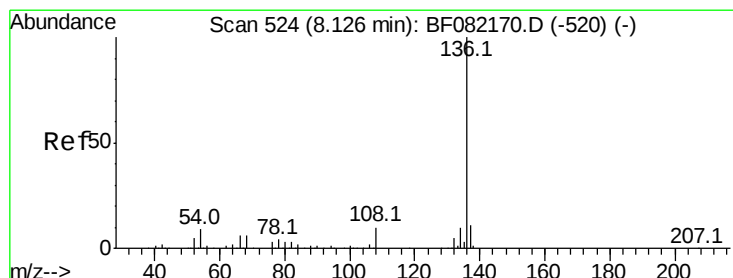
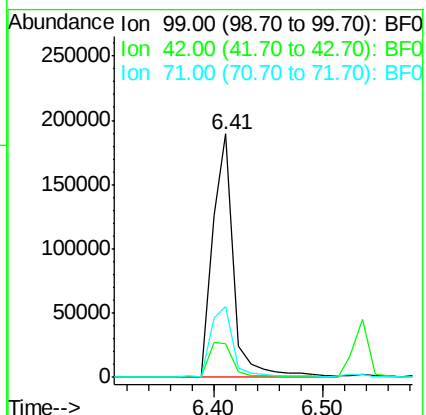
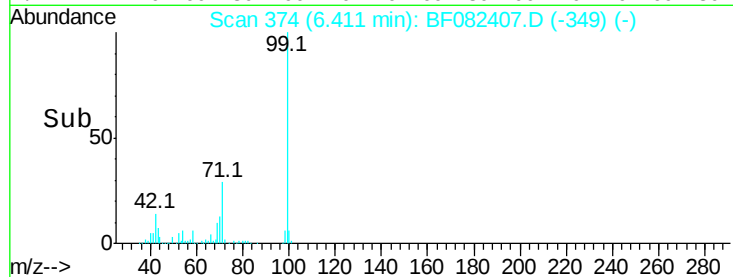


Abundance

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: 8.06 min Scan# 518

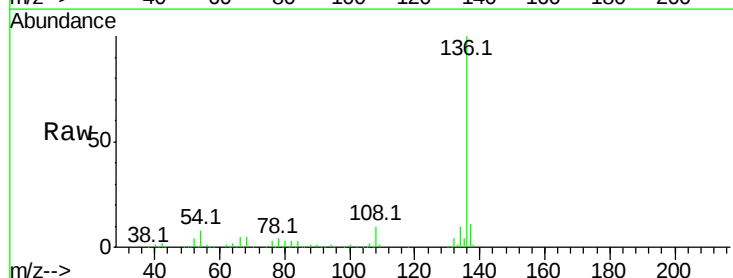
Delta R.T. -0.01 min

Lab File: BF082407.D

Acq: 21 Oct 2015 16:37

Tgt Ion: 136 Resp: 447605

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	8.0	7.5	11.3
68	5.5	4.6	7.0



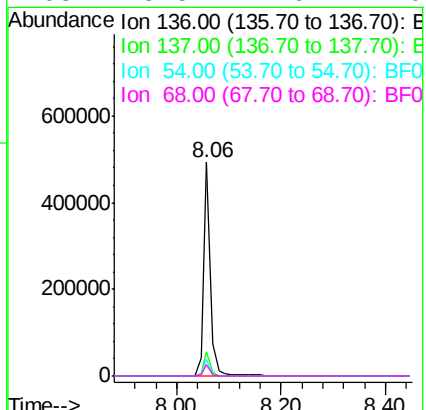
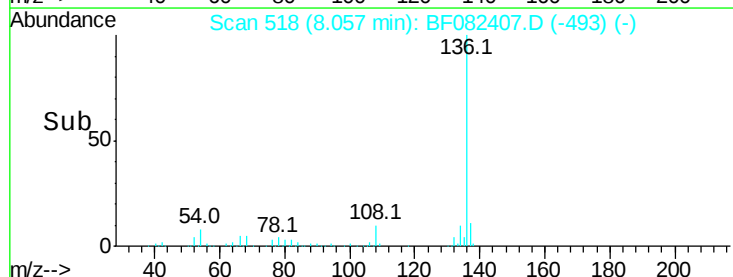
Abundance

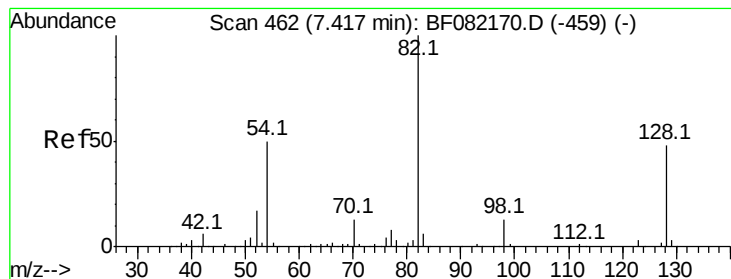
Ion 136.00 (135.70 to 136.70): E

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: 91.80 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF082407.D

Acq: 21 Oct 2015 16:37

Instrument :

BNA_F

ClientSampleId :

FB-20151013

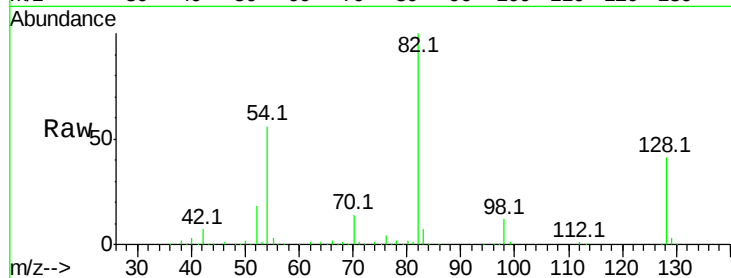
Tot Ion: 82 Resp: 611876

Ion Ratio Lower Upper

82 100

128 41.0 38.7 58.1

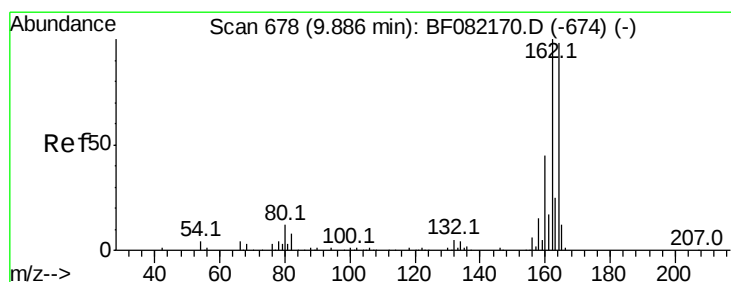
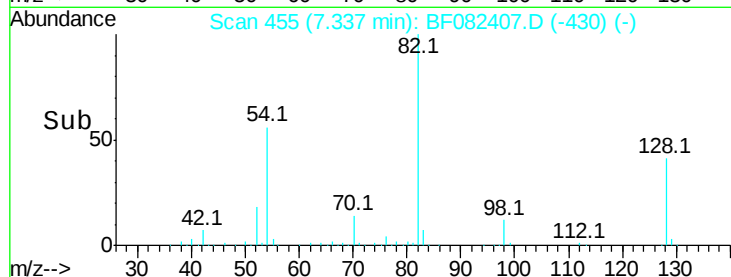
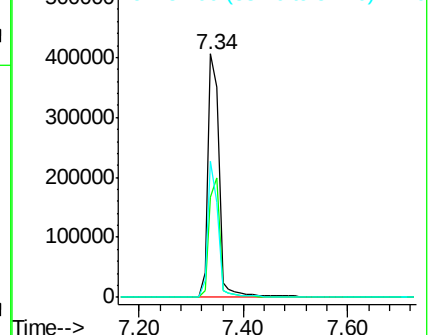
54 56.0 40.1 60.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF082407.D

Acq: 21 Oct 2015 16:37

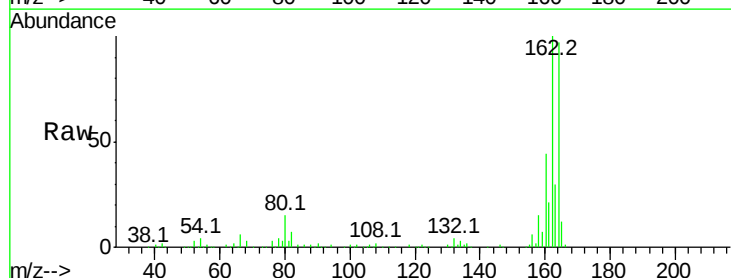
Tgt Ion: 164 Resp: 228636

Ion Ratio Lower Upper

164 100

162 102.7 81.6 122.4

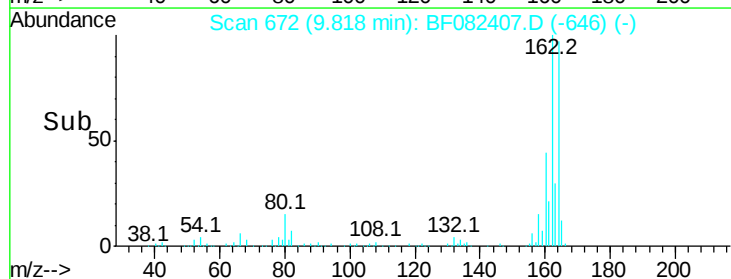
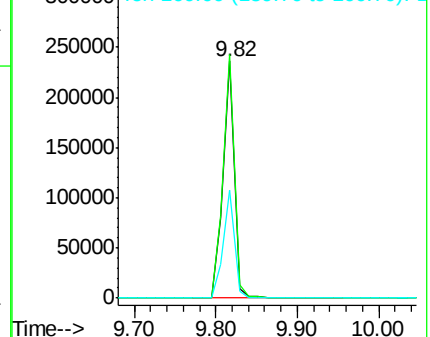
160 45.4 36.4 54.6



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

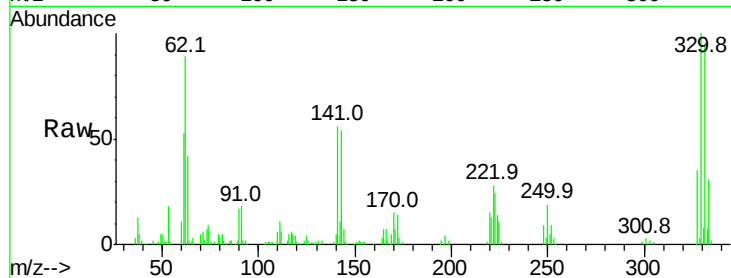




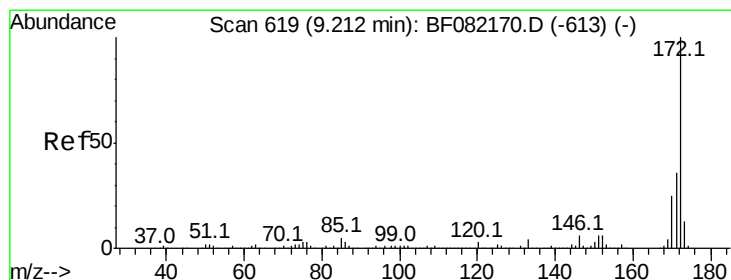
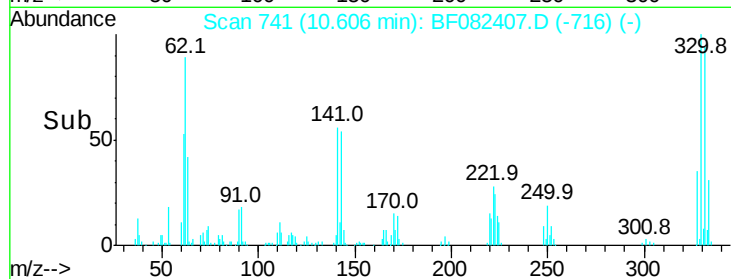
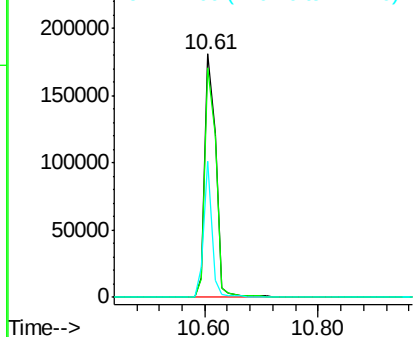
#41
 2,4,6-Tribromophenol
 Concen: 108.71 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082407.D
 Acq: 21 Oct 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :
 FB-20151013

Tot Ion:330 Resp: 233088
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.1 115.7
 141 42.3 29.8 44.8

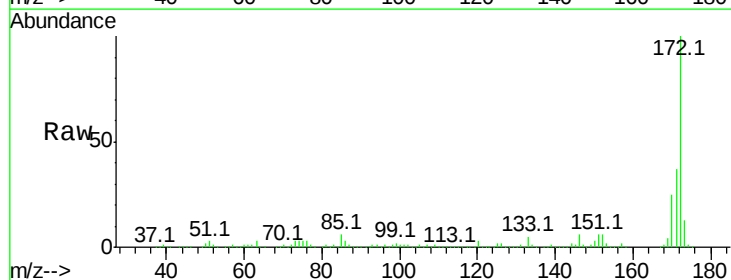


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

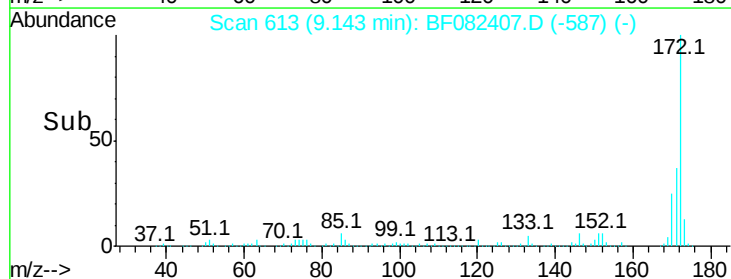
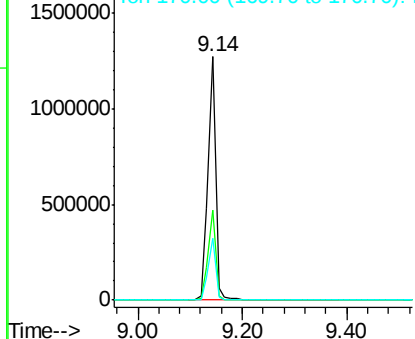


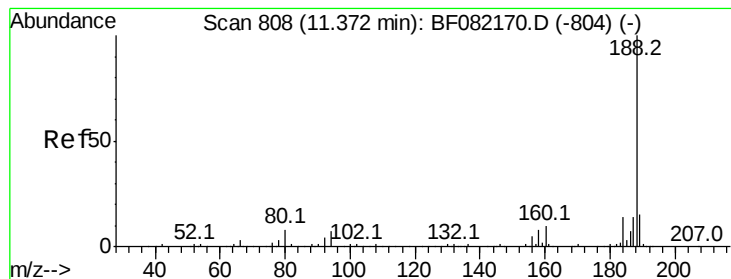
#44
 2-Fluorobiphenyl
 Concen: 94.44 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082407.D
 Acq: 21 Oct 2015 16:37

Tgt Ion:172 Resp: 1302088
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.6 42.8
 170 25.4 19.7 29.5



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# 802

Delta R.T. -0.00 min

Lab File: BF082407.D

Acq: 21 Oct 2015 16:37

Instrument :

BNA_F

ClientSampleId :

FB-20151013

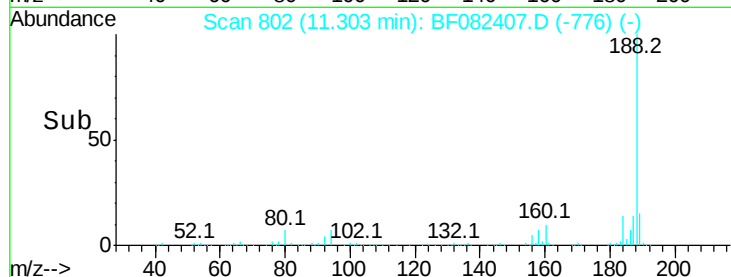
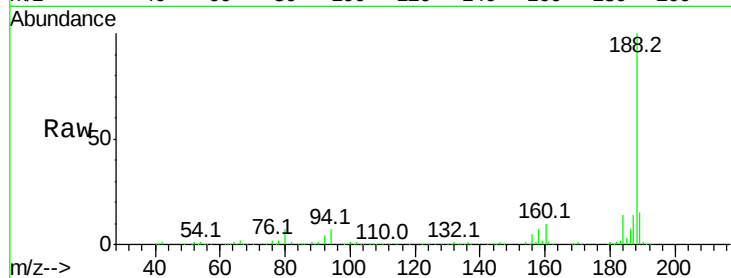
Tot Ion:188 Resp: 469685

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.6

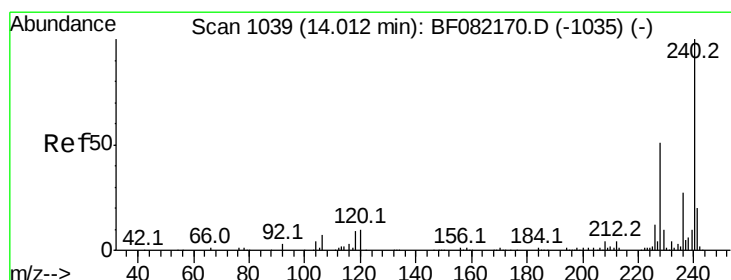
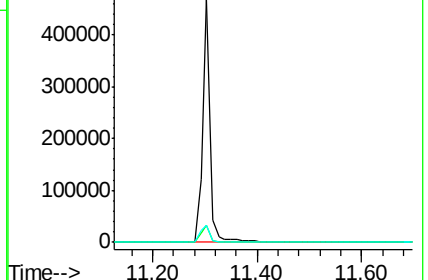
80 7.0 6.4 9.6



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: 14.05 min Scan# 1042

Delta R.T. 0.03 min

Lab File: BF082407.D

Acq: 21 Oct 2015 16:37

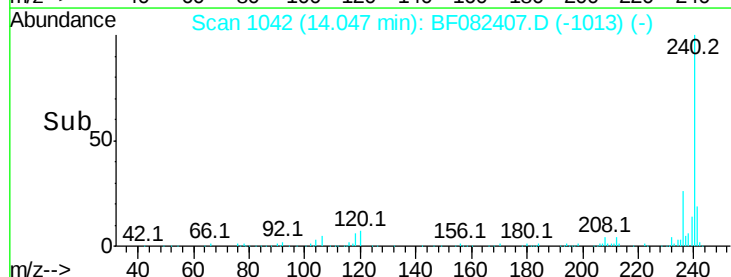
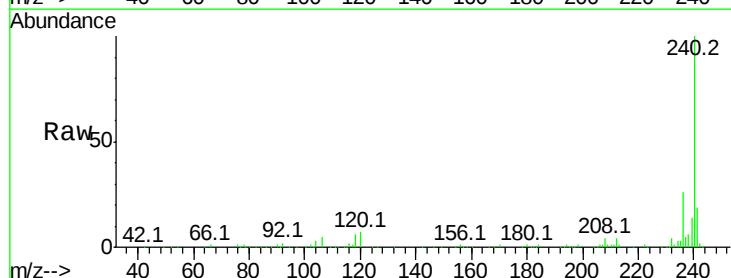
Tgt Ion:240 Resp: 406814

Ion Ratio Lower Upper

240 100

120 7.1 8.1 12.1#

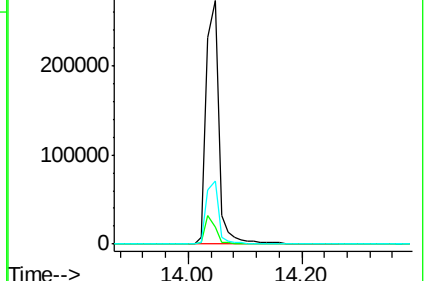
236 25.9 21.3 31.9

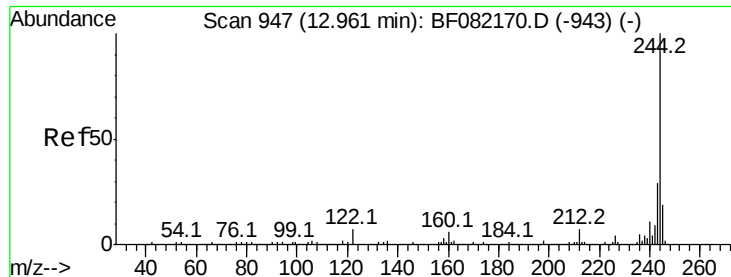


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.22 ng

RT: 12.91 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF082407.D

Acq: 21 Oct 2015 16:37

Instrument :

BNA_F

ClientSampleId :

FB-20151013

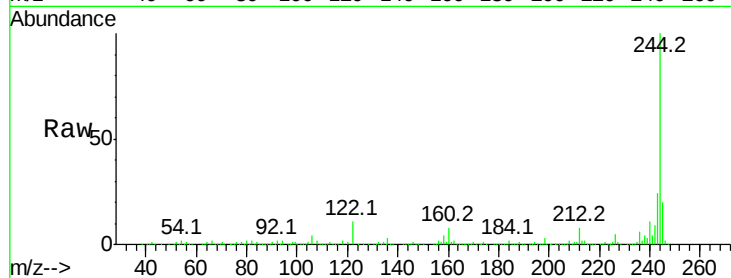
Tot Ion:244 Resp: 1338917

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.6

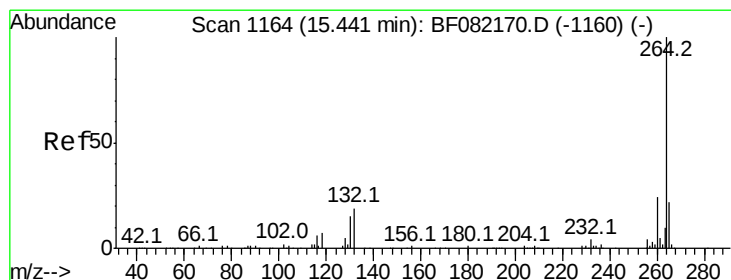
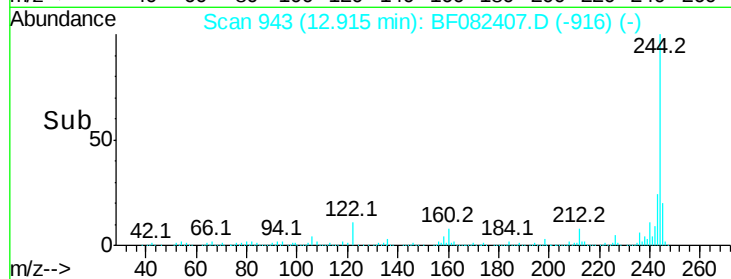
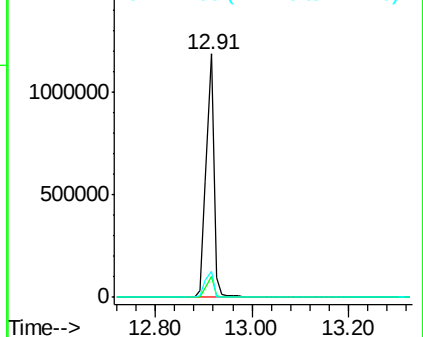
122 10.7 5.9 8.9#



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: 15.62 min Scan# 1180

Delta R.T. 0.09 min

Lab File: BF082407.D

Acq: 21 Oct 2015 16:37

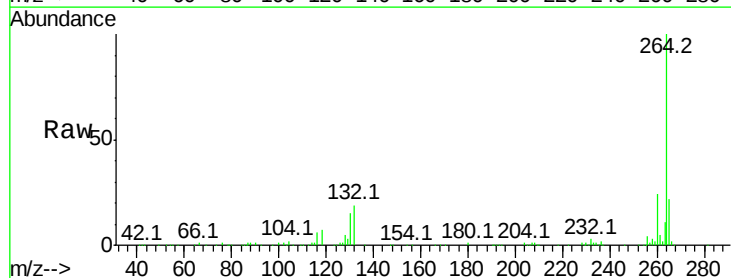
Tgt Ion:264 Resp: 293178

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 22.0 17.3 25.9



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

