

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082367.D
 Acq On : 19 Oct 2015 20:47
 Operator : UM/IZ
 Sample : G3975-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PX3

Quant Time: Oct 20 12:46:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 01:57:16 2015
 Response via : Initial Calibration

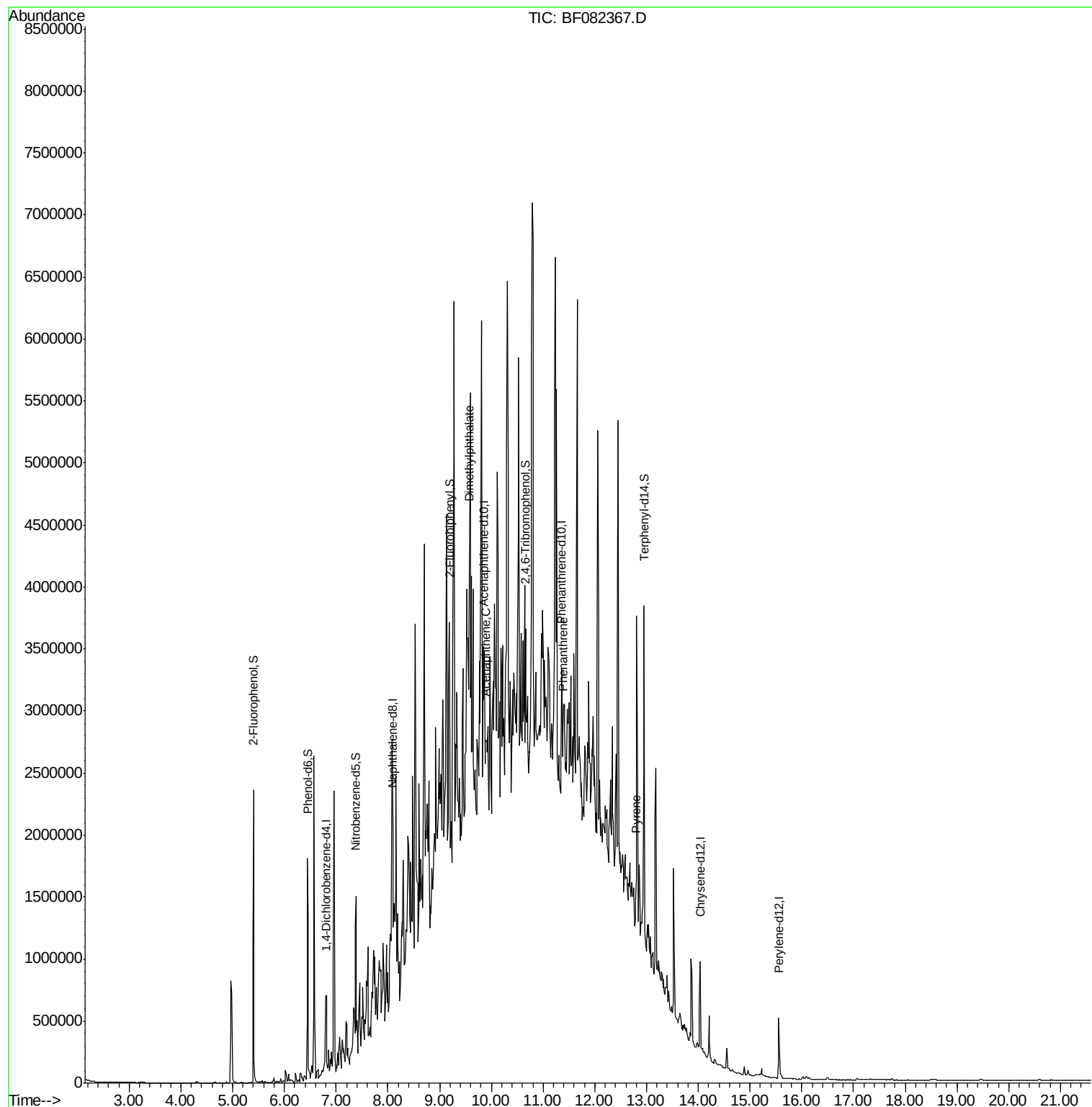
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	94405	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	305667	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	147469	20.00	ng	0.01
63) Phenanthrene-d10	11.36	188	274681	20.00	ng	0.01
75) Chrysene-d12	14.04	240	307973	20.00	ng	-0.06
86) Perylene-d12	15.56	264	245322	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	732768	156.65	ng	0.01
7) Phenol-d6	6.45	99	933476	153.35	ng	0.00
23) Nitrobenzene-d5	7.38	82	559487	122.92	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	171829	124.24	ng	0.01
44) 2-Fluorobiphenyl	9.19	172	998498	112.29	ng	0.01
78) Terphenyl-d14	12.95	244	996249	85.72	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.58	163	170068	16.38	ng	# 88
51) Acenaphthene	9.90	154	35388	4.27	ng	# 81
70) Phenanthrene	11.38	178	143906	10.69	ng	# 85
77) Pyrene	12.80	202	132182	7.23	ng	95

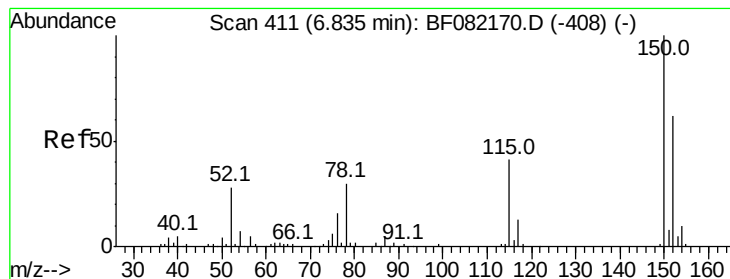
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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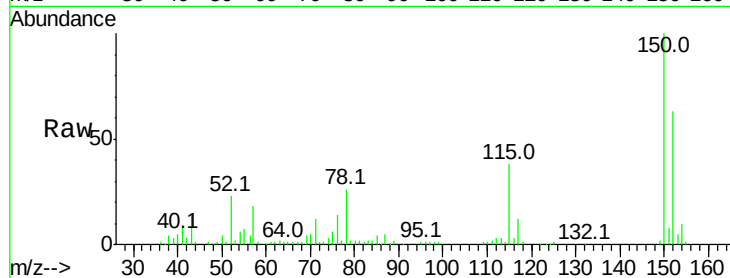


#1

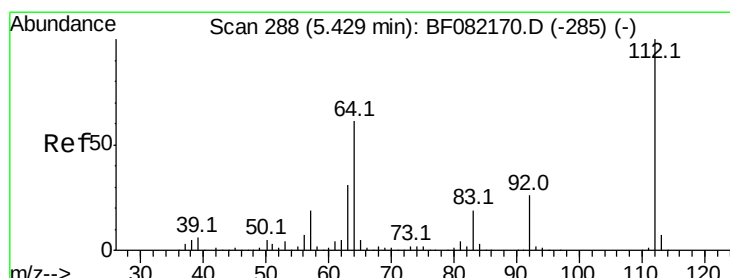
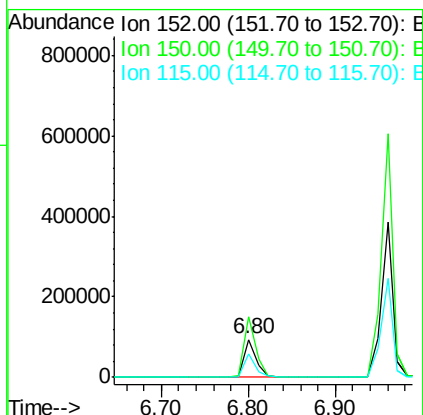
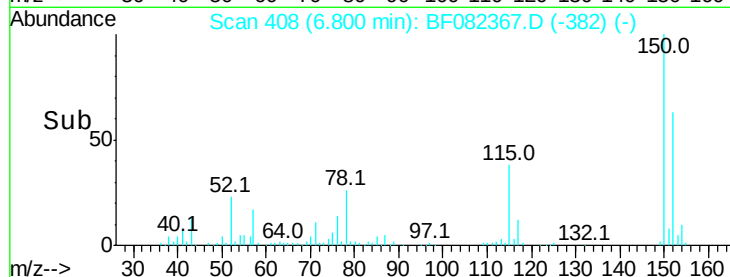
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF082367.D
Acq: 19 Oct 2015 20:47

Instrument :
BNA_F
ClientSampled :
PX3

Tot Ion:152 Resp: 94405
Ion Ratio Lower Upper
152 100
150 158.3 129.0 193.4
115 60.3 52.1 78.1



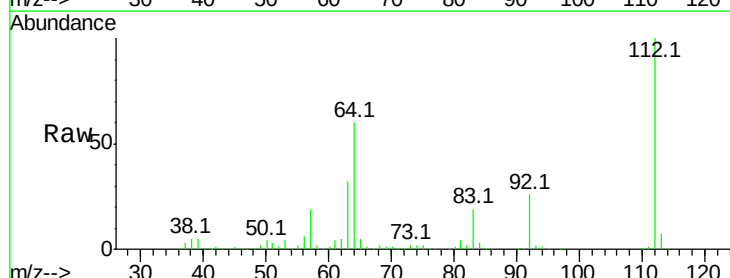
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



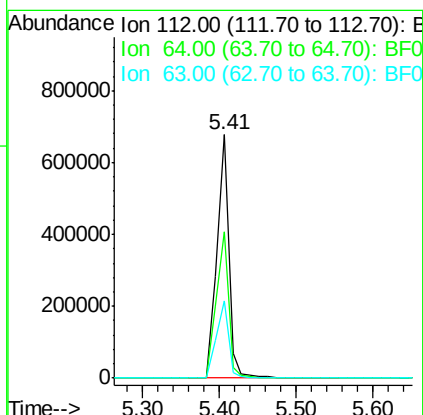
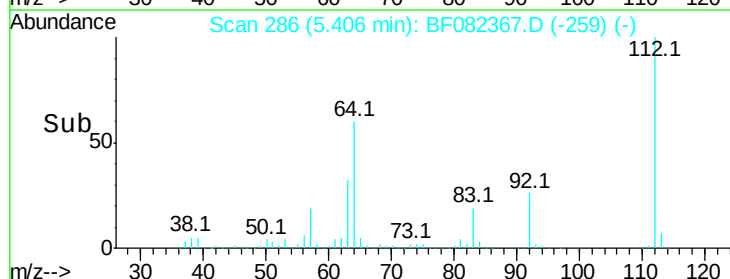
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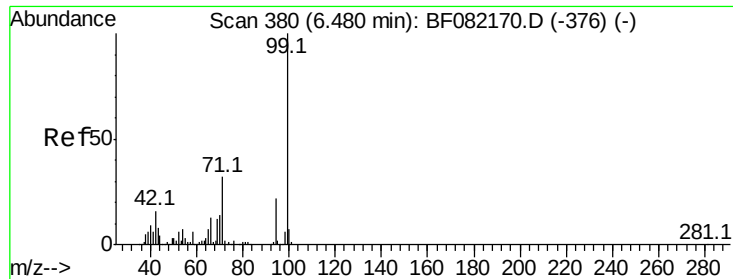
2-Fluorophenol
Concen: 156.65 ng
RT: 5.41 min Scan# 286
Delta R.T. 0.01 min
Lab File: BF082367.D
Acq: 19 Oct 2015 20:47

Tgt Ion:112 Resp: 732768
Ion Ratio Lower Upper
112 100
64 60.1 48.6 73.0
63 31.5 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: 153.35 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF082367.D

Acq: 19 Oct 2015 20:47

Instrument :

BNA_F

ClientSampleId :

PX3

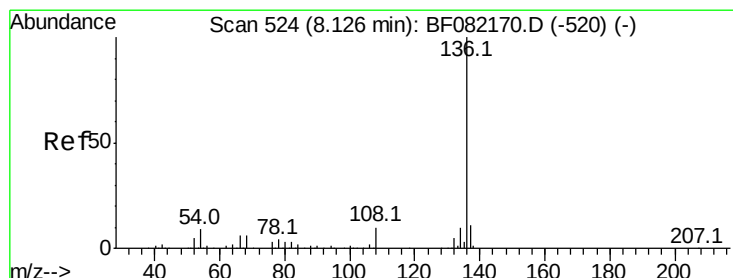
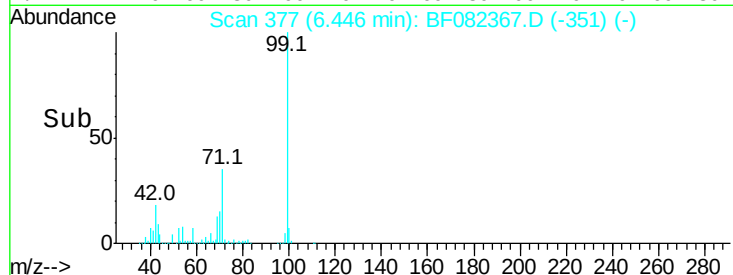
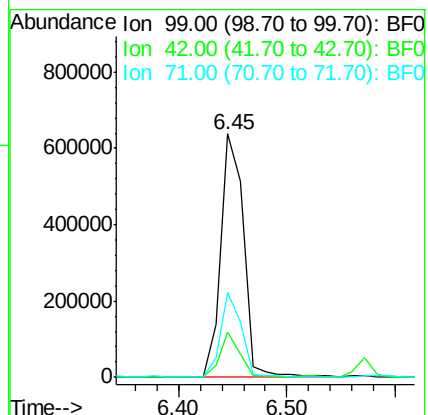
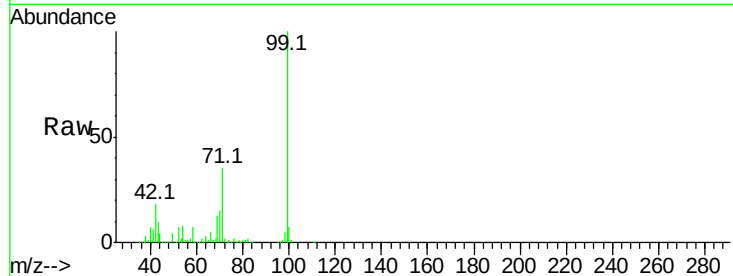
Tot Ion: 99 Resp: 933476

Ion Ratio Lower Upper

99 100

42 18.5 13.2 19.8

71 35.0 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF082367.D

Acq: 19 Oct 2015 20:47

Tgt Ion: 136 Resp: 305667

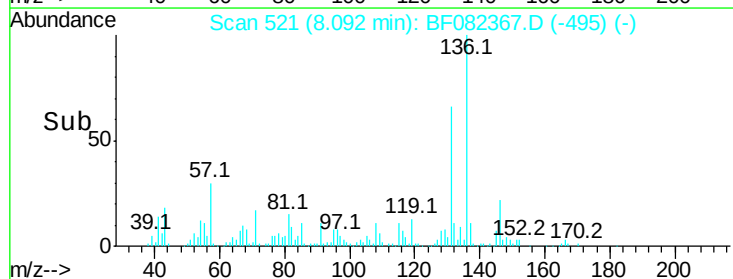
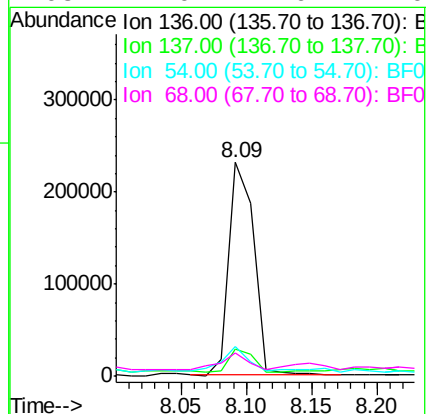
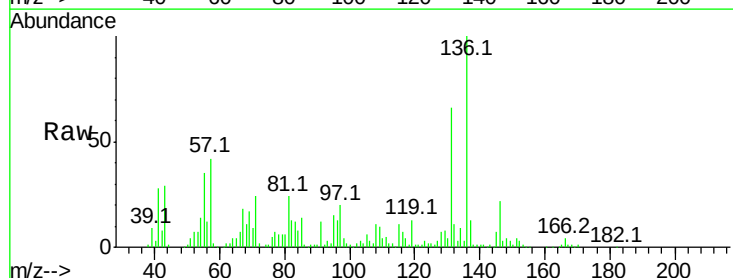
Ion Ratio Lower Upper

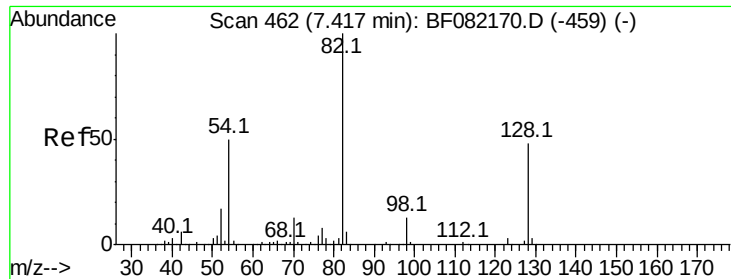
136 100

137 12.8 9.0 13.6

54 13.8 7.5 11.3#

68 11.0 4.6 7.0#

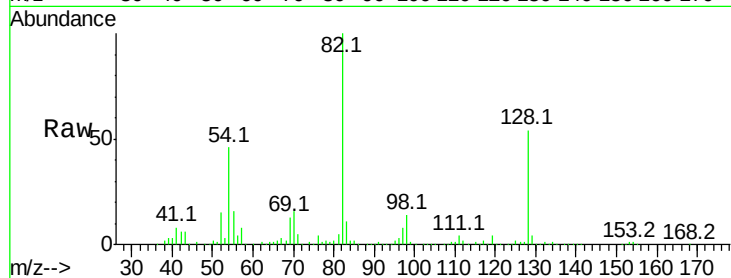




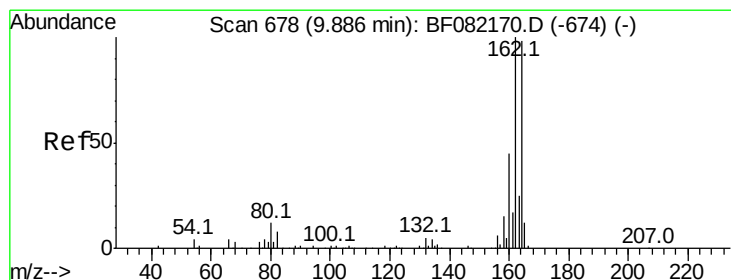
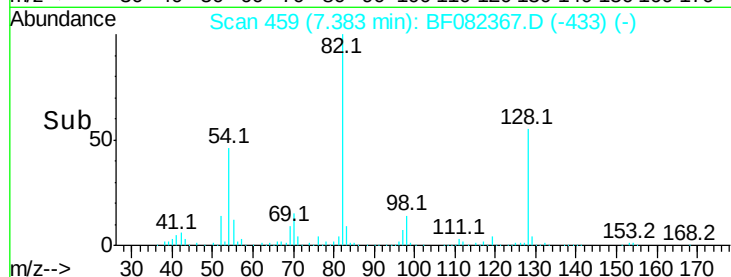
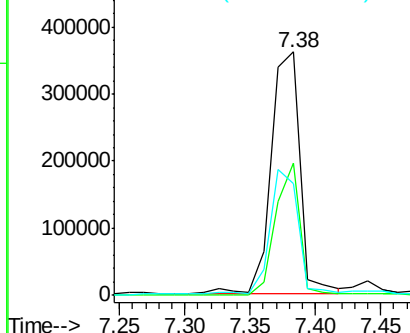
#23
Nitrobenzene-d5
Concen: 122.92 ng
RT: 7.38 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF082367.D
Acq: 19 Oct 2015 20:47

Instrument :
BNA_F
ClientSampled :
PX3

Tot Ion	82	Resp	559487
Ion	Ratio	Lower	Upper
82	100		
128	54.4	38.7	58.1
54	46.0	40.1	60.1

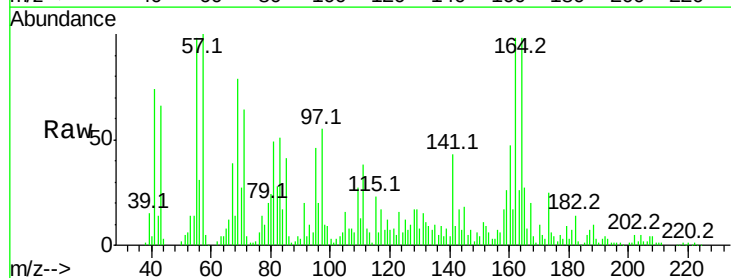


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

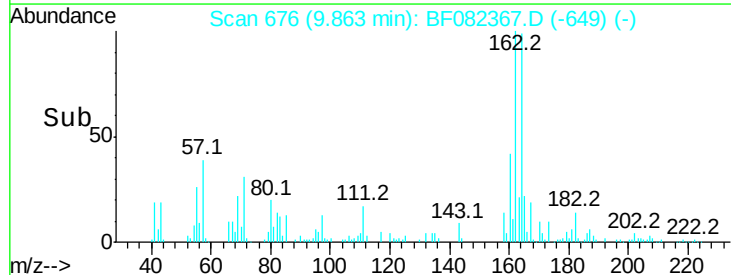
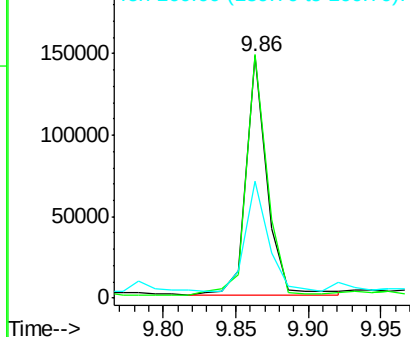


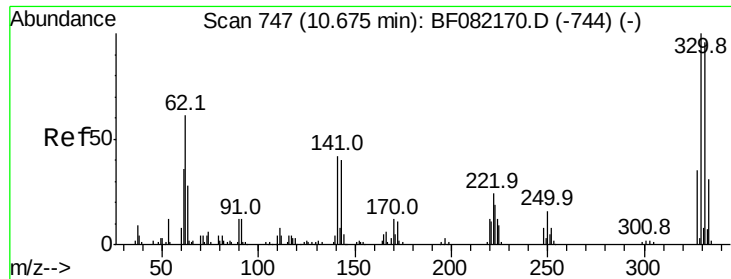
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF082367.D
Acq: 19 Oct 2015 20:47

Tgt Ion	164	Resp	147469
Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.6	122.4
160	48.5	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

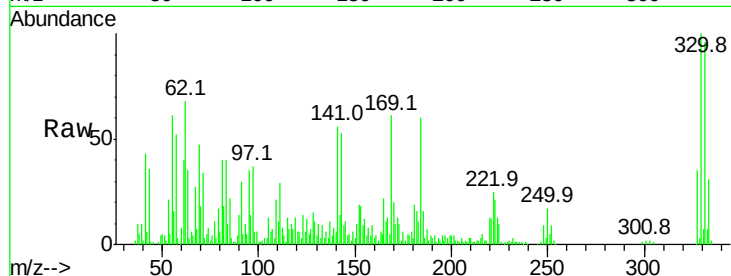




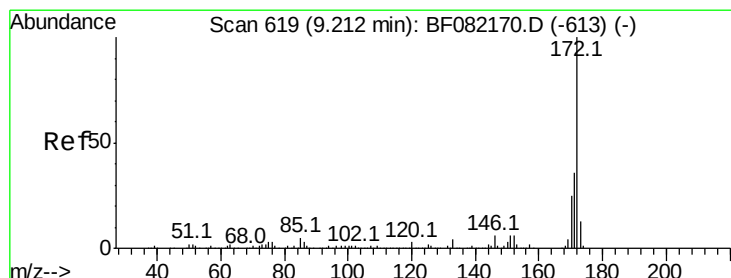
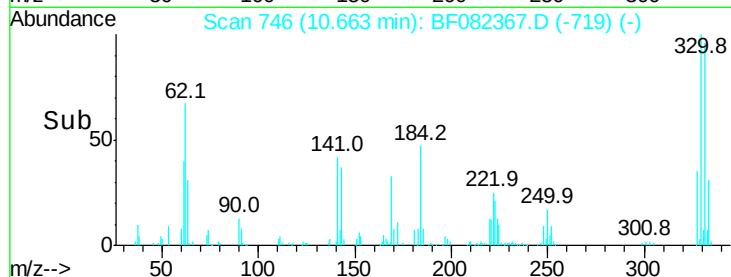
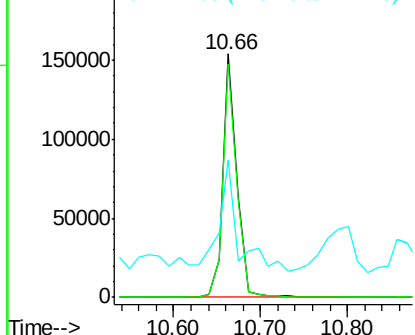
#41
 2,4,6-Tribromophenol
 Concen: 124.24 ng
 RT: 10.66 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: BF082367.D
 Acq: 19 Oct 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PX3

Tot Ion:330 Resp: 171829
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.1 115.7
 141 62.5 29.8 44.8#

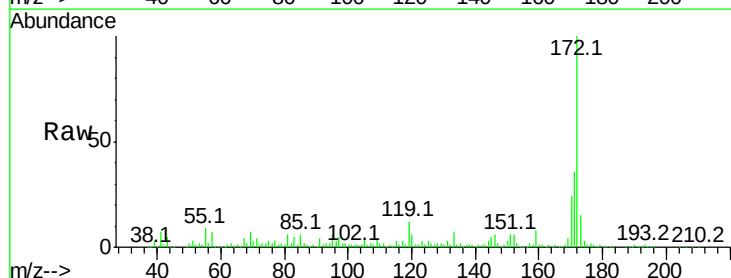


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

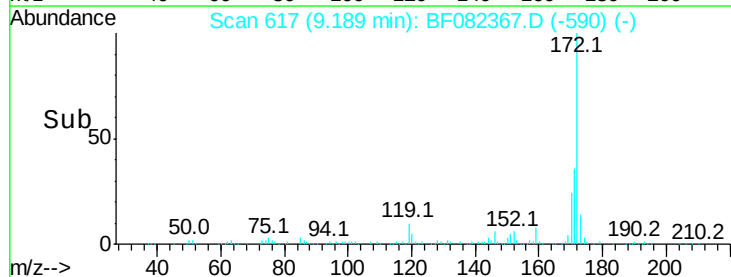
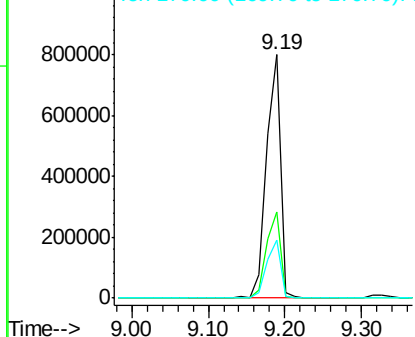


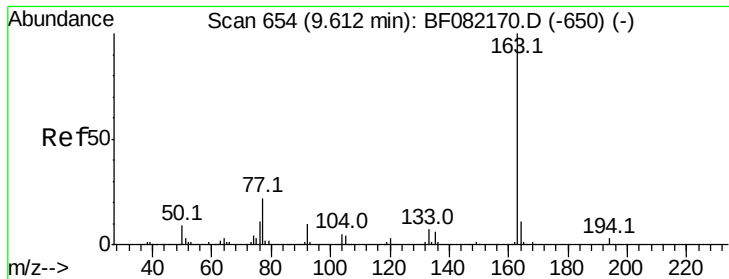
#44
 2-Fluorobiphenyl
 Concen: 112.29 ng
 RT: 9.19 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF082367.D
 Acq: 19 Oct 2015 20:47

Tgt Ion:172 Resp: 998498
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 24.1 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

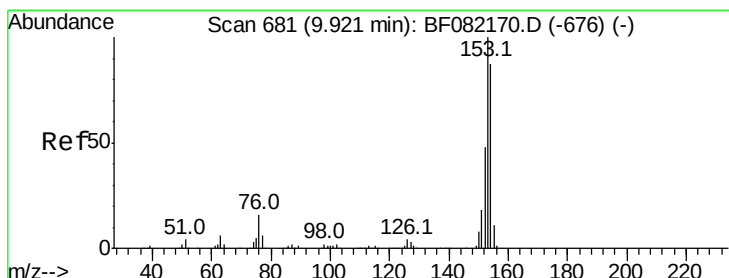
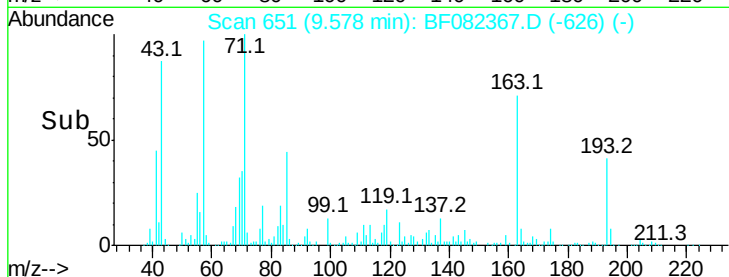
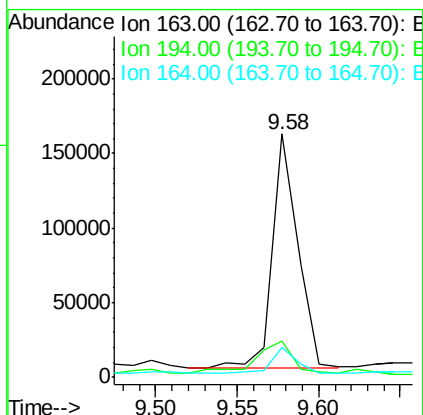
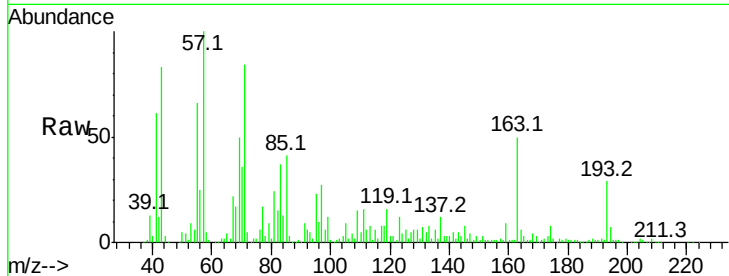




#49
Dimethylphthalate
Concen: 16.38 ng
RT: 9.58 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF082367.D
Acq: 19 Oct 2015 20:47

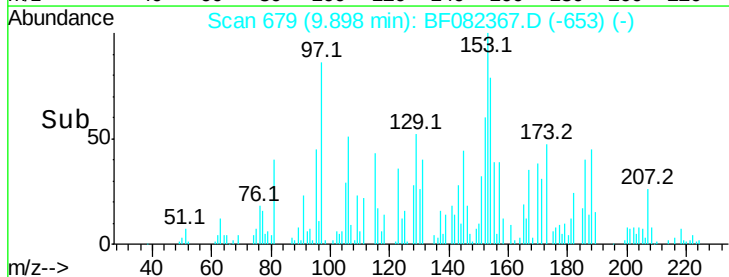
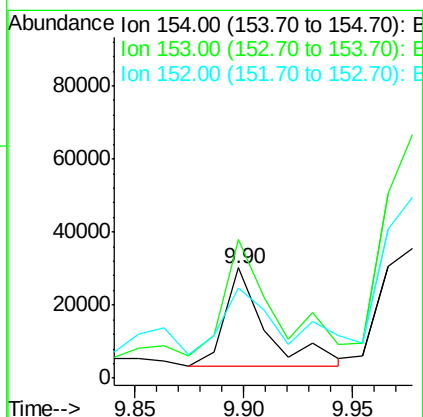
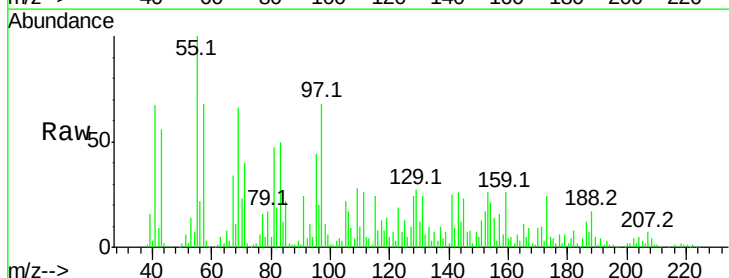
Instrument :
BNA_F
ClientSampleId :
PX3

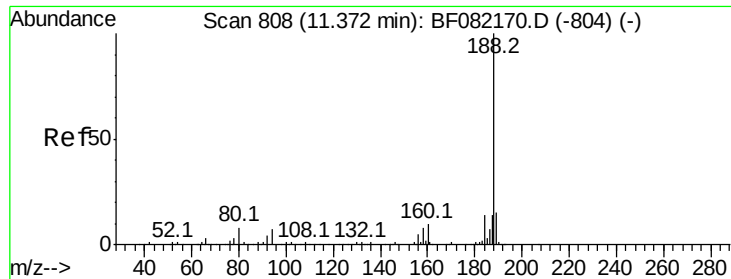
Tot Ion:163 Resp: 170068
Ion Ratio Lower Upper
163 100
194 14.9 2.6 4.0#
164 12.5 8.5 12.7



#51
Acenaphthene
Concen: 4.27 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF082367.D
Acq: 19 Oct 2015 20:47

Tgt Ion:154 Resp: 35388
Ion Ratio Lower Upper
154 100
153 126.0 91.4 137.2
152 81.9 44.3 66.5#

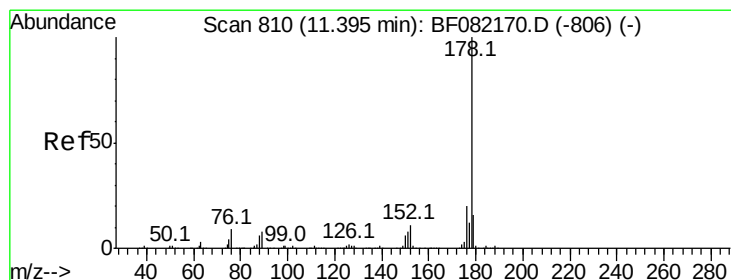
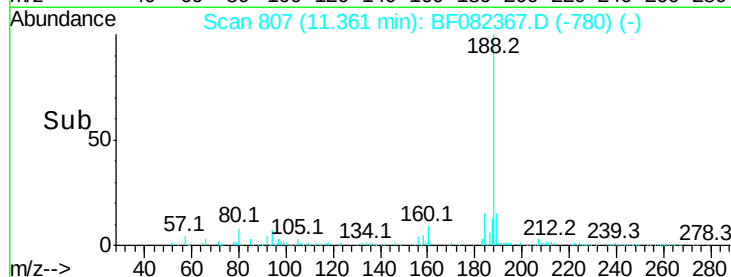
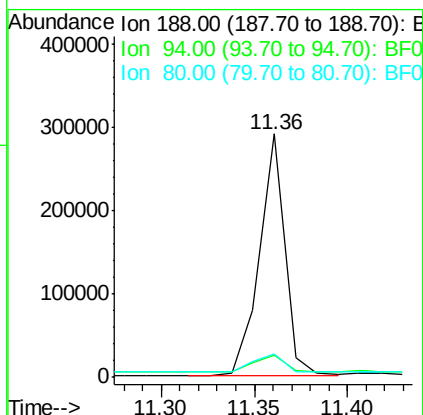
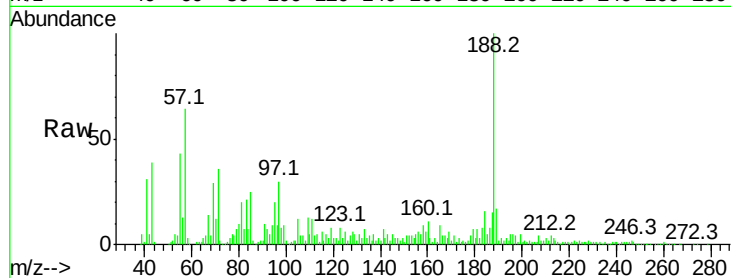




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. 0.01 min
Lab File: BF082367.D
Acq: 19 Oct 2015 20:47

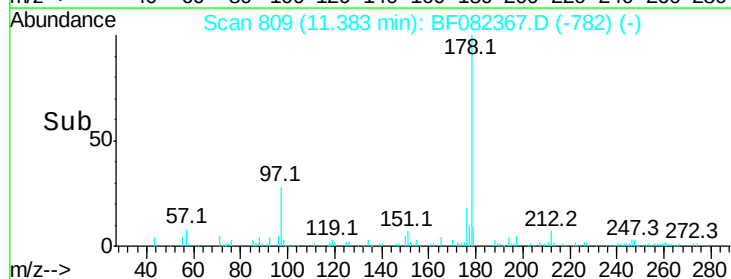
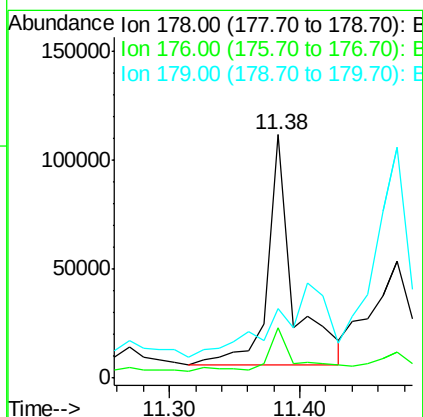
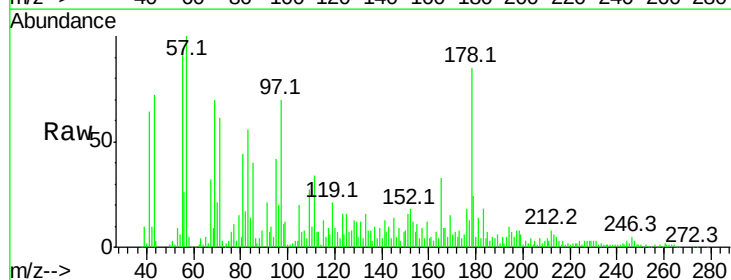
Instrument :
BNA_F
ClientSampleId :
PX3

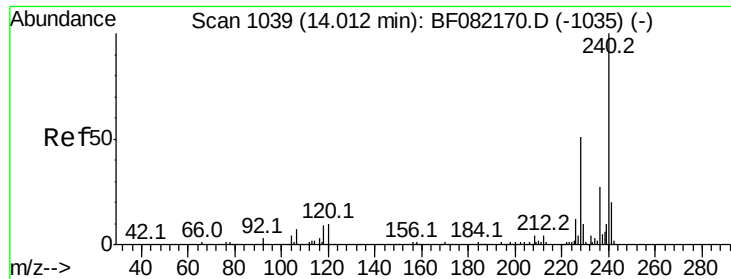
Tot Ion:188 Resp: 274681
Ion Ratio Lower Upper
188 100
94 9.0 5.8 8.6#
80 9.7 6.4 9.6#



#70
Phenanthrene
Concen: 10.69 ng
RT: 11.38 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF082367.D
Acq: 19 Oct 2015 20:47

Tgt Ion:178 Resp: 143906
Ion Ratio Lower Upper
178 100
176 20.9 16.0 24.0
179 28.7 12.6 19.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.06 min

Lab File: BF082367.D

Acq: 19 Oct 2015 20:47

Instrument :

BNA_F

ClientSampleId :

PX3

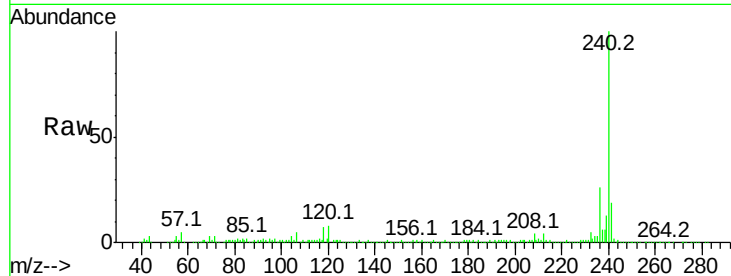
Tot Ion:240 Resp: 307973

Ion Ratio Lower Upper

240 100

120 8.0 8.1 12.1#

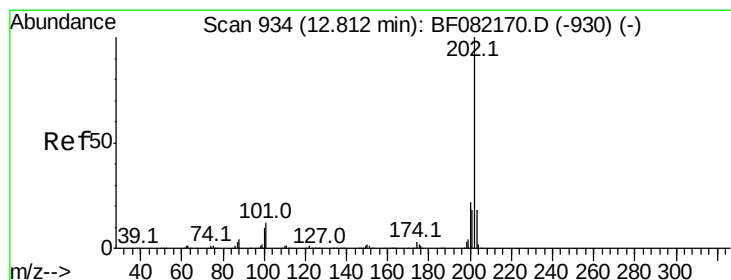
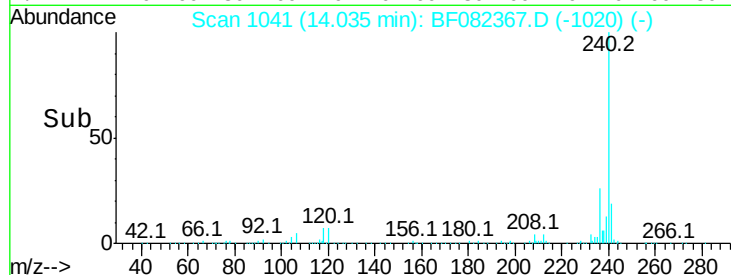
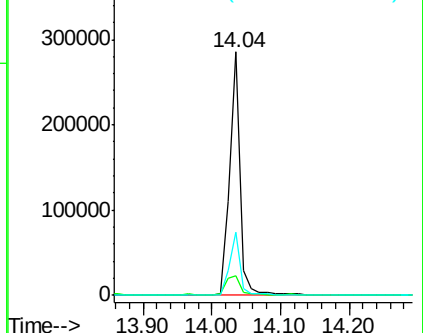
236 25.8 21.3 31.9



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



#77

Pyrene

Concen: 7.23 ng

RT: 12.80 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF082367.D

Acq: 19 Oct 2015 20:47

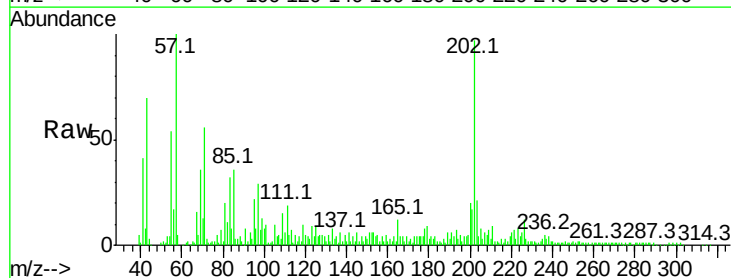
Tgt Ion:202 Resp: 132182

Ion Ratio Lower Upper

202 100

200 20.5 17.9 26.9

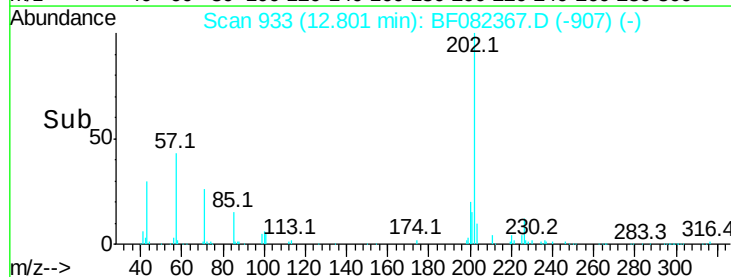
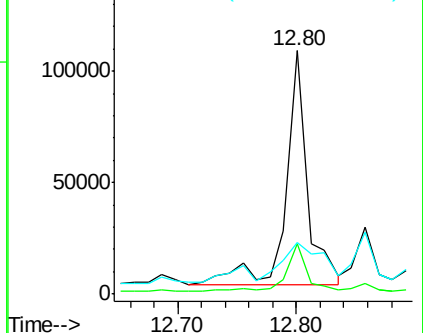
203 21.2 14.5 21.7

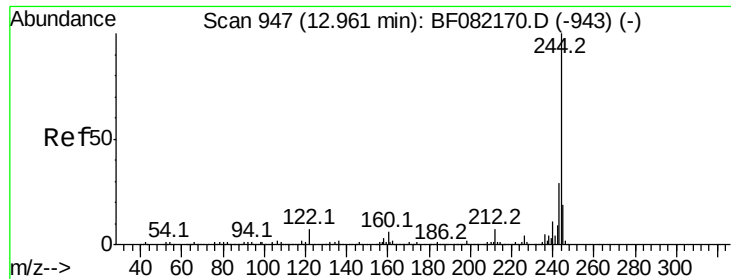


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 85.72 ng

RT: 12.95 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF082367.D

Acq: 19 Oct 2015 20:47

Instrument :

BNA_F

ClientSampleId :

PX3

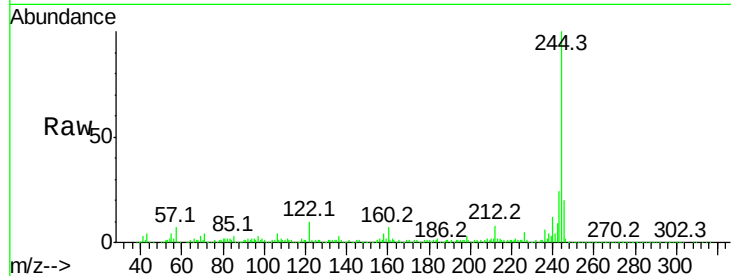
Tot Ion:244 Resp: 996249

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.6

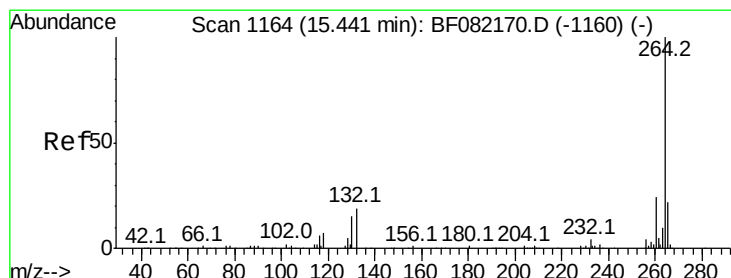
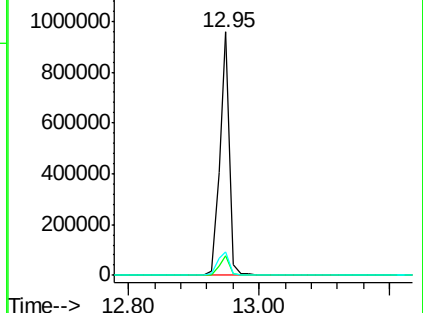
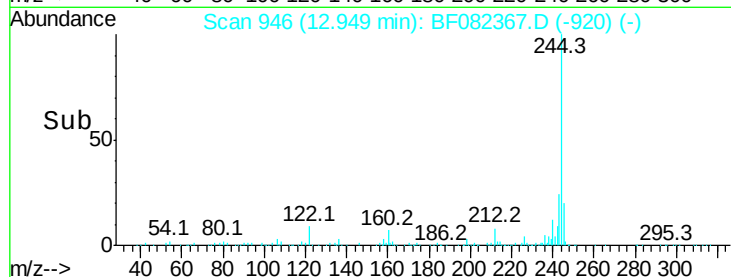
122 9.7 5.9 8.9#



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: 15.56 min Scan# 1174

Delta R.T. -0.11 min

Lab File: BF082367.D

Acq: 19 Oct 2015 20:47

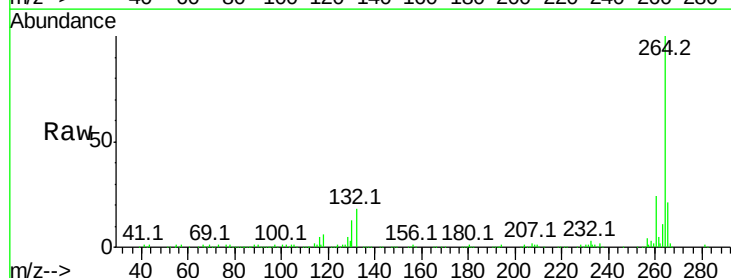
Tgt Ion:264 Resp: 245322

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.1 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

