

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\
 Data File : BF082731.D
 Acq On : 5 Nov 2015 16:06
 Operator : UM/IZ
 Sample : G4261-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Time: Nov 06 02:49:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

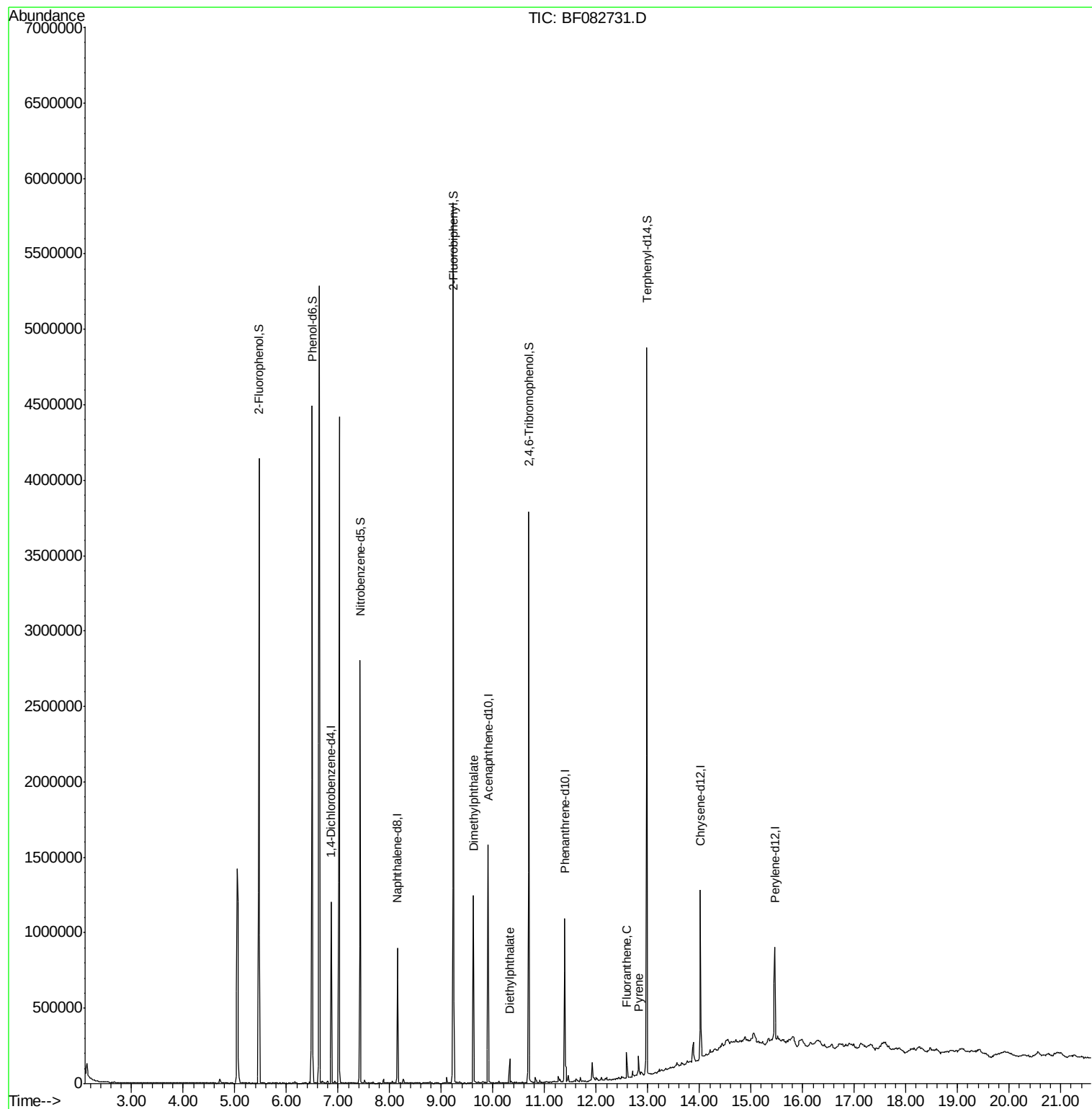
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	151437	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	529458	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	289665	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	518635	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	350983	20.00	ng	-0.03
86) Perylene-d12	15.46	264	311198	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1169794	116.34	ng	0.00
7) Phenol-d6	6.50	99	1562396	116.97	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1045348	80.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	414894	130.88	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1667251	81.72	ng	-0.02
78) Terphenyl-d14	12.98	244	1577132	98.34	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.62	163	443126	18.73	ng	99
59) Diethylphthalate	10.33	149	65451	2.72	ng	97
74) Fluoranthene	12.59	202	78659	2.63	ng	98
77) Pyrene	12.82	202	52655	2.03	ng	99

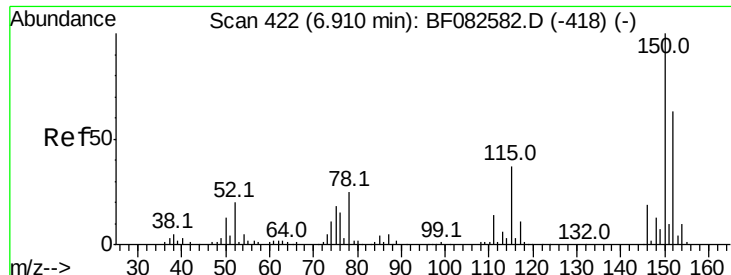
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082731.D

Acq: 5 Nov 2015 16:06

Instrument :

BNA_F

ClientSampleId :

SB-4

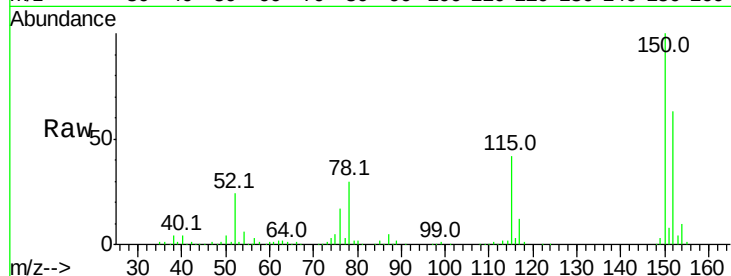
Tot Ion:152 Resp: 151437

Ion Ratio Lower Upper

152 100

150 158.8 127.0 190.4

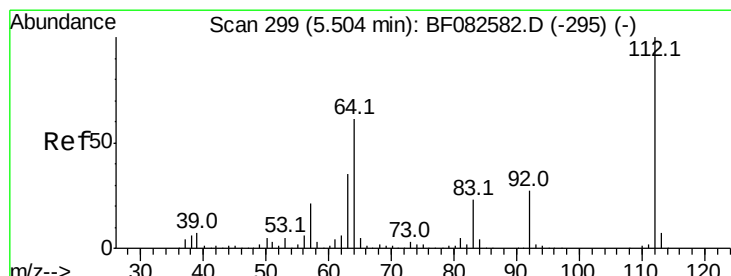
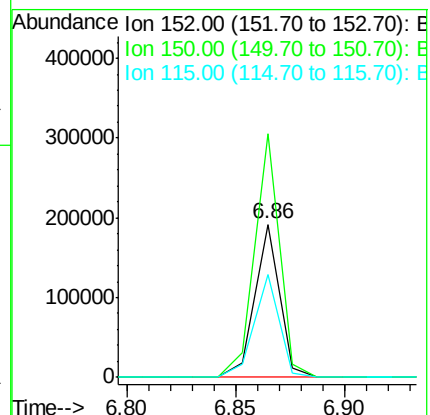
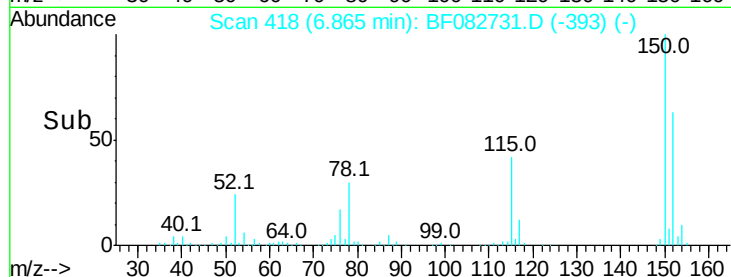
115 66.7 47.0 70.6



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: 116.34 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF082731.D

Acq: 5 Nov 2015 16:06

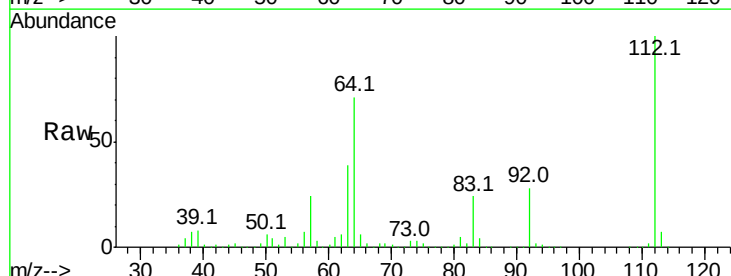
Tgt Ion:112 Resp: 1169794

Ion Ratio Lower Upper

112 100

64 70.8 48.9 73.3

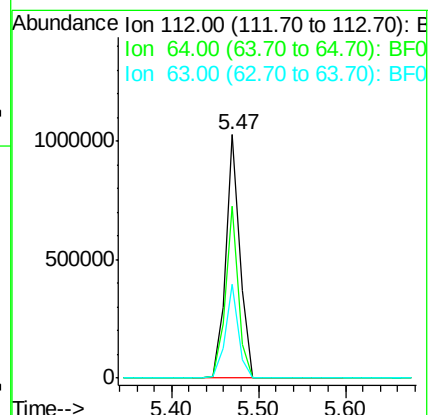
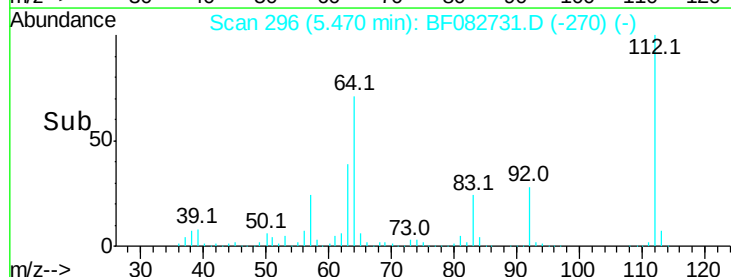
63 38.8 28.1 42.1

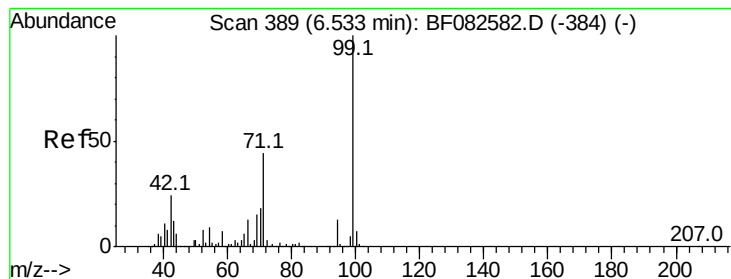


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.97 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082731.D

Acq: 5 Nov 2015 16:06

Instrument :

BNA_F

ClientSampleId :

SB-4

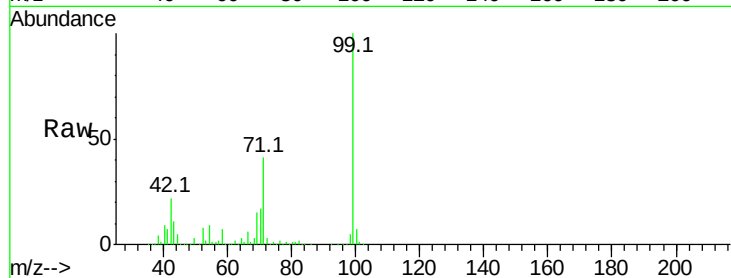
Tot Ion: 99 Resp: 1562396

Ion Ratio Lower Upper

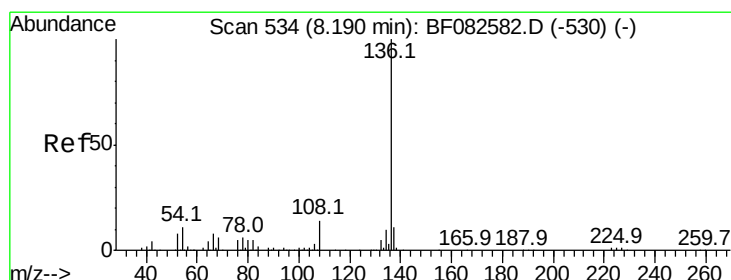
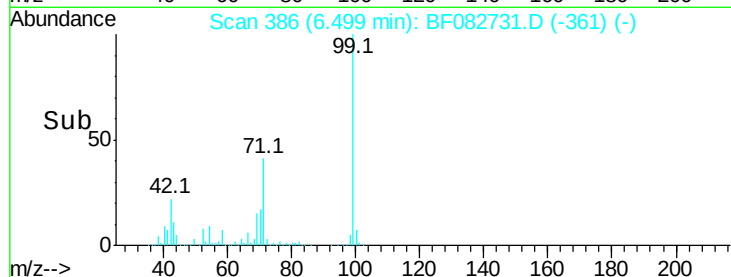
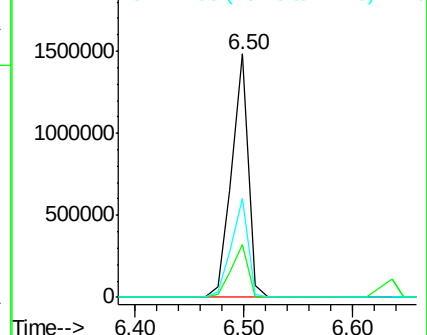
99 100

42 21.9 19.2 28.8

71 40.7 35.0 52.4



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: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF082731.D

Acq: 5 Nov 2015 16:06

Tgt Ion: 136 Resp: 529458

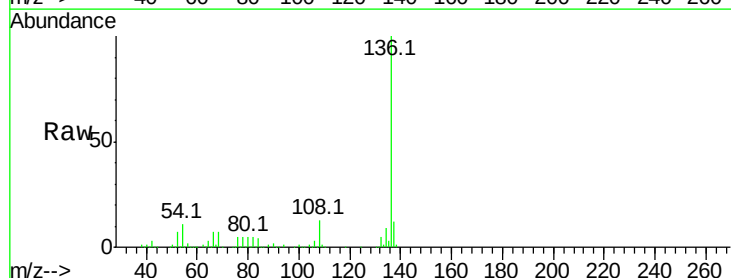
Ion Ratio Lower Upper

136 100

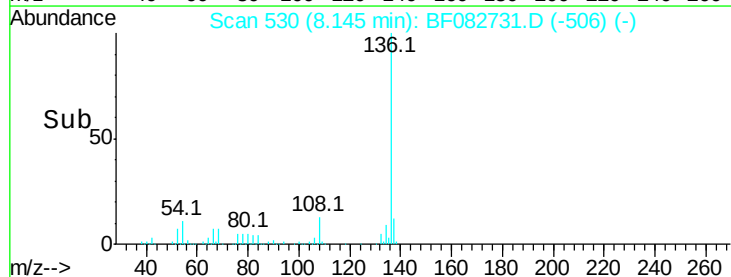
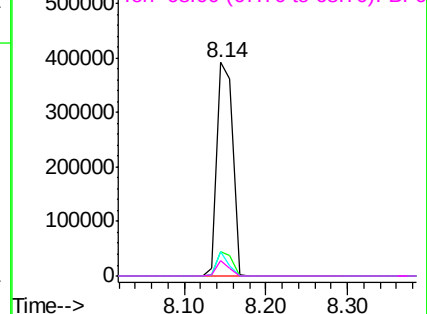
137 11.6 9.1 13.7

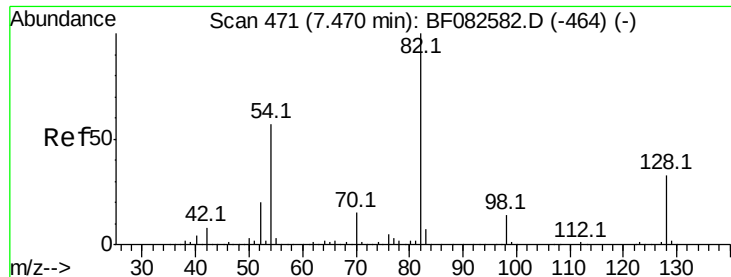
54 11.3 9.1 13.7

68 7.0 4.8 7.2



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

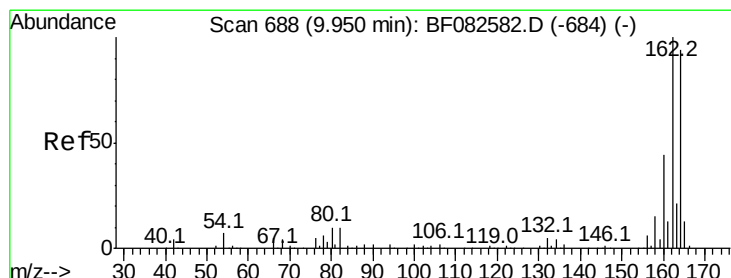
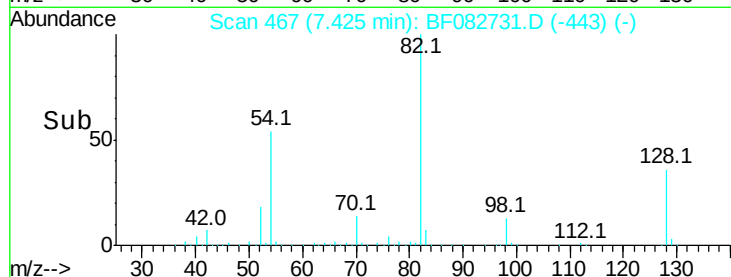
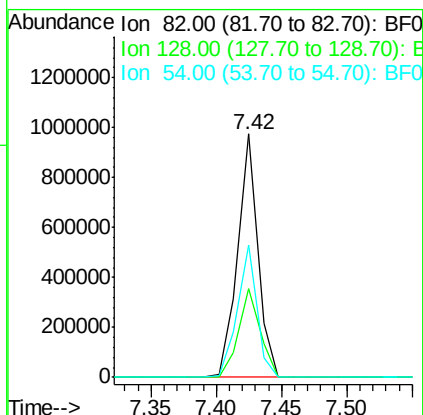
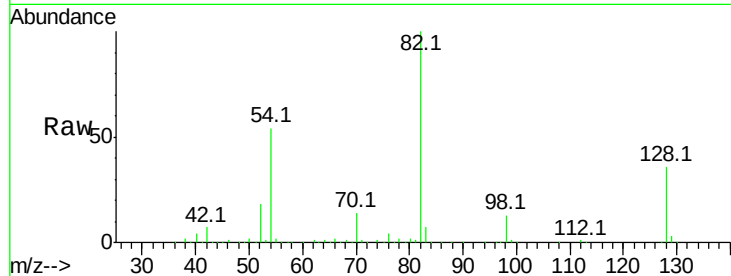




#23
Nitrobenzene-d5
Concen: 80.62 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF082731.D
Acq: 5 Nov 2015 16:06

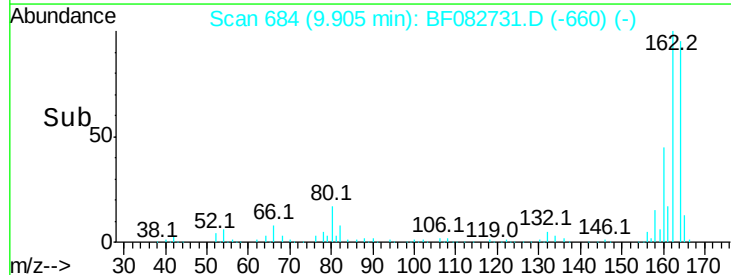
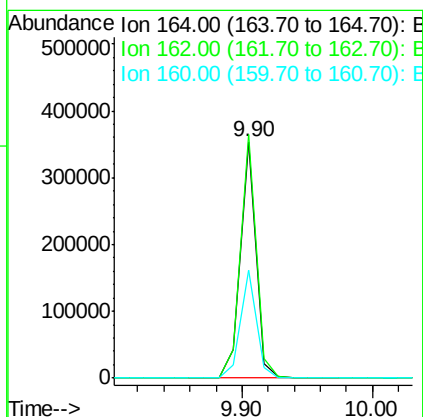
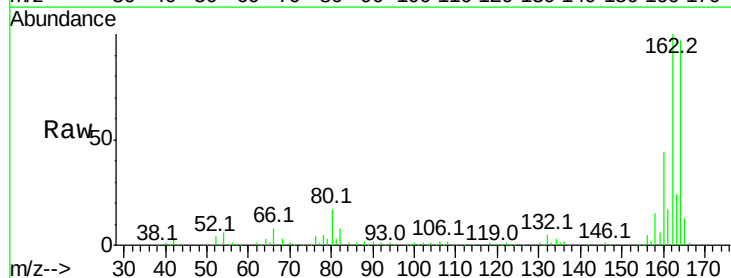
Instrument :
BNA_F
ClientSampled :
SB-4

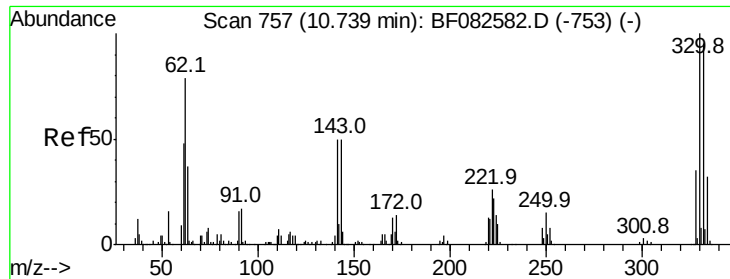
Tot Ion: 82 Resp: 1045348
Ion Ratio Lower Upper
82 100
128 36.4 26.8 40.2
54 54.1 45.7 68.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF082731.D
Acq: 5 Nov 2015 16:06

Tgt Ion: 164 Resp: 289665
Ion Ratio Lower Upper
164 100
162 103.1 84.9 127.3
160 45.8 37.5 56.3

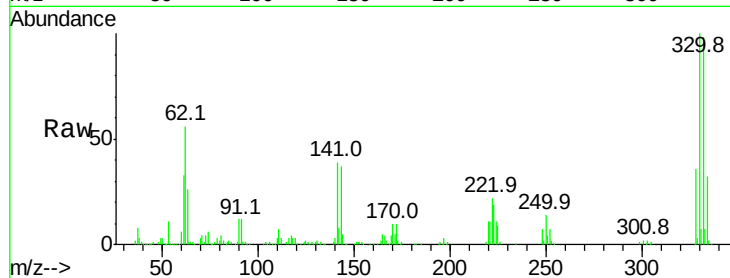




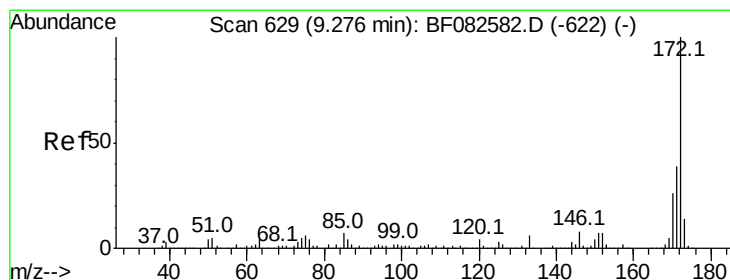
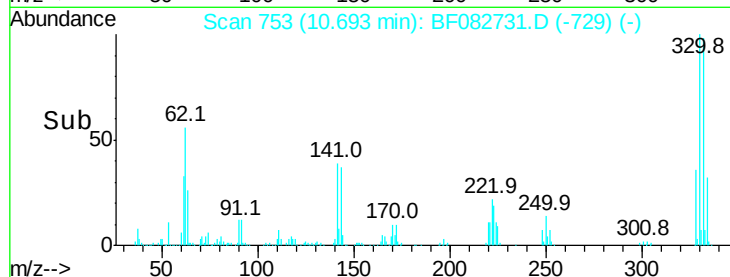
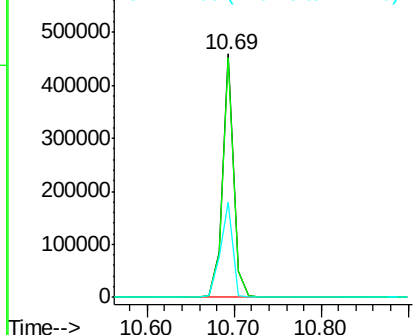
#41
 2,4,6-Tribromophenol
 Concen: 130.88 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082731.D
 Acq: 5 Nov 2015 16:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Tot Ion:330 Resp: 414894
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 43.4 41.2 61.8

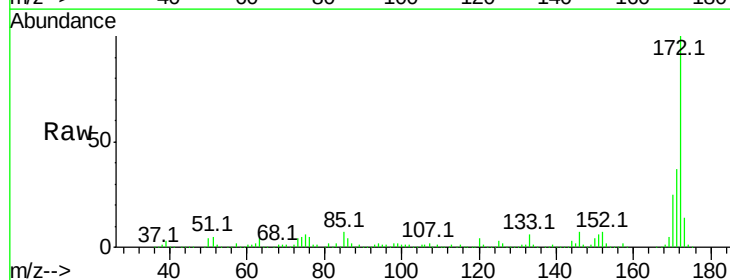


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

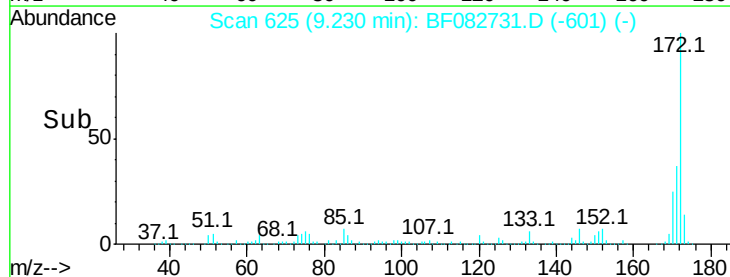
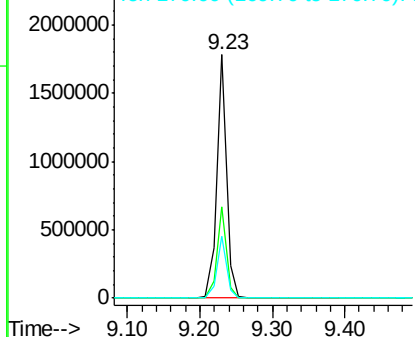


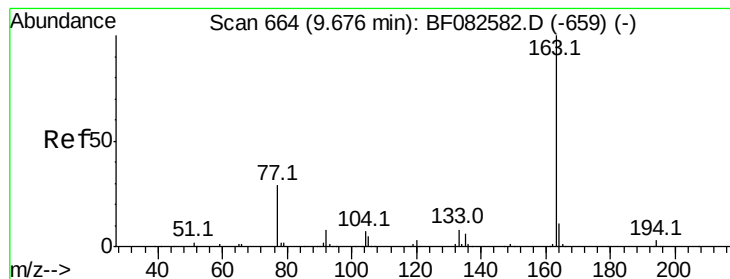
#44
 2-Fluorobiphenyl
 Concen: 81.72 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082731.D
 Acq: 5 Nov 2015 16:06

Tgt Ion:172 Resp: 1667251
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.4 21.2 31.8



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: 18.73 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF082731.D

Acq: 5 Nov 2015 16:06

Instrument :

BNA_F

ClientSampleId :

SB-4

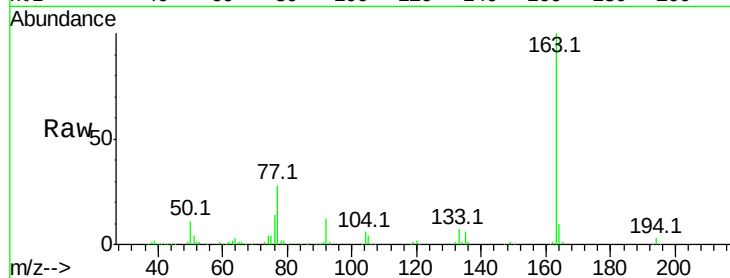
Tot Ion:163 Resp: 443126

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

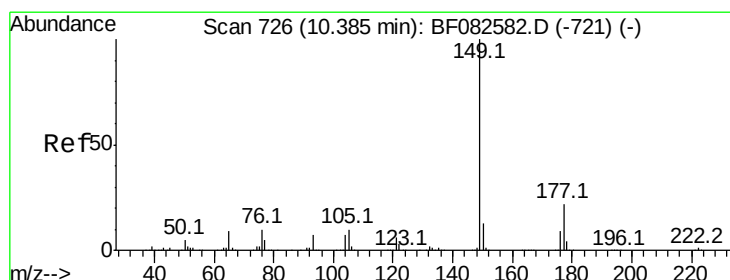
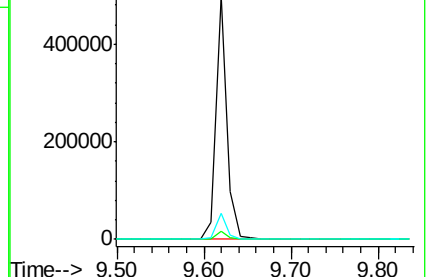
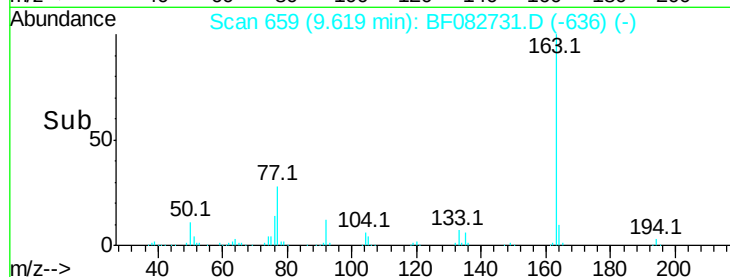
164 10.5 8.7 13.1



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



#59

Diethylphthalate

Concen: 2.72 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF082731.D

Acq: 5 Nov 2015 16:06

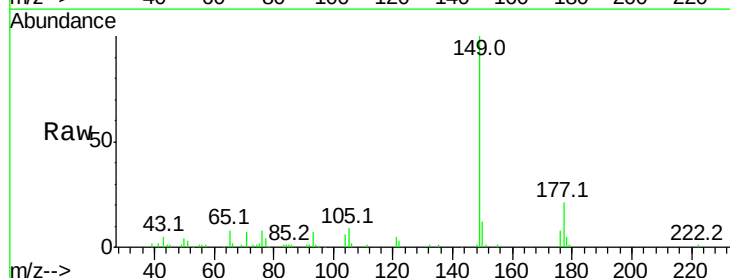
Tgt Ion:149 Resp: 65451

Ion Ratio Lower Upper

149 100

177 20.5 17.9 26.9

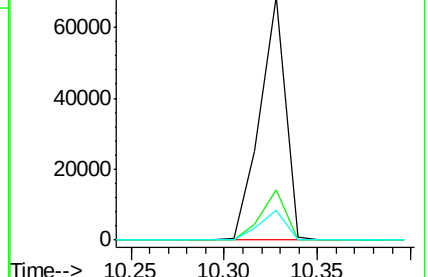
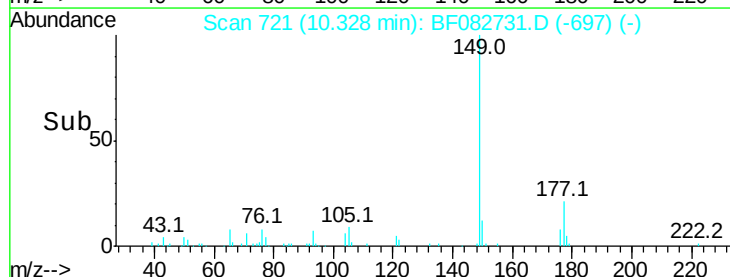
150 12.1 10.1 15.1

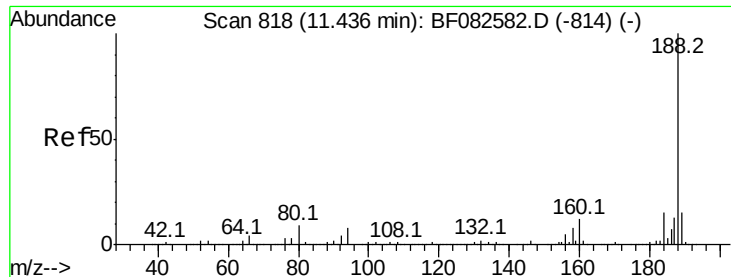


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

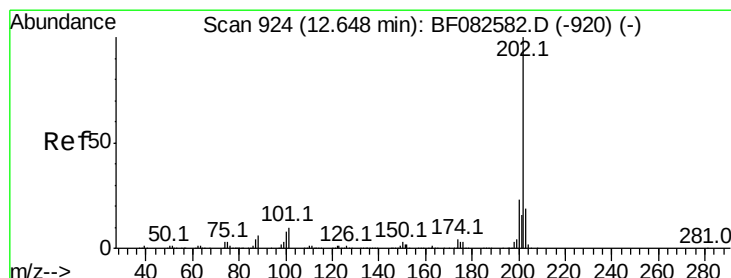
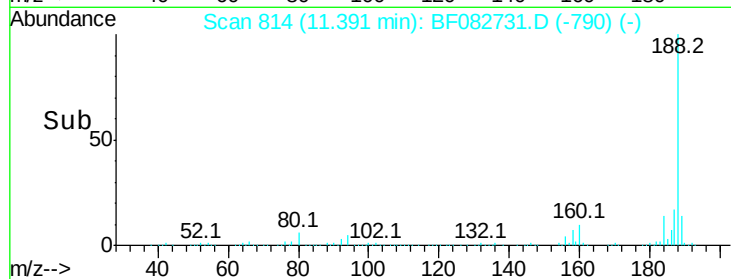
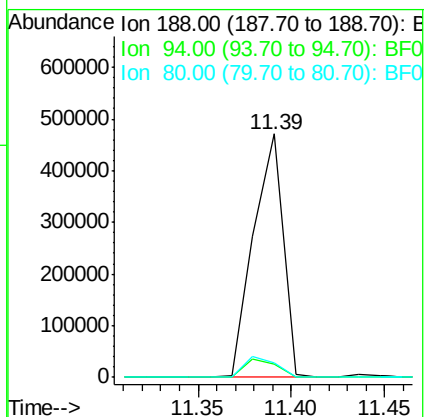
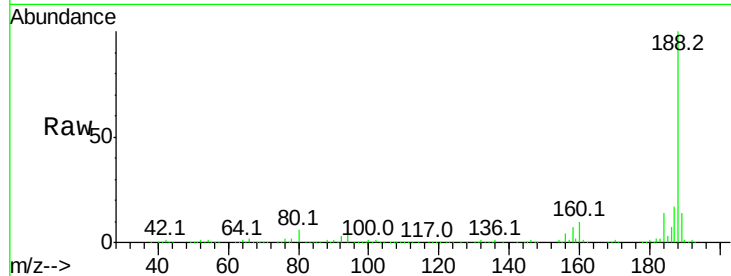




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF082731.D
Acq: 5 Nov 2015 16:06

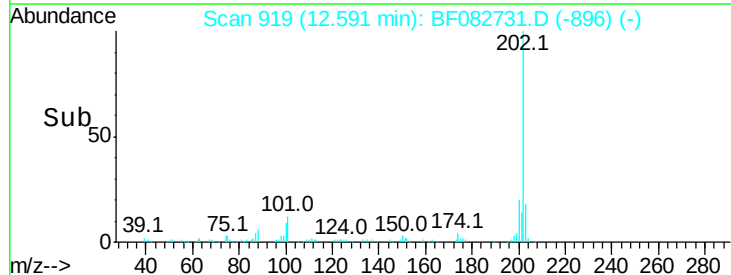
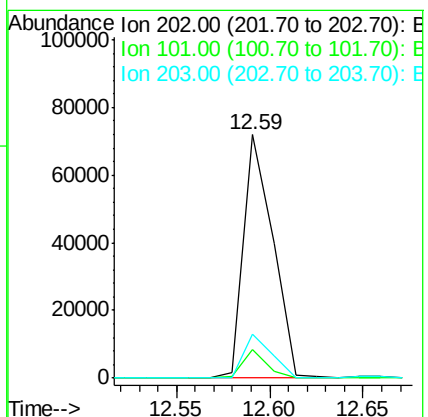
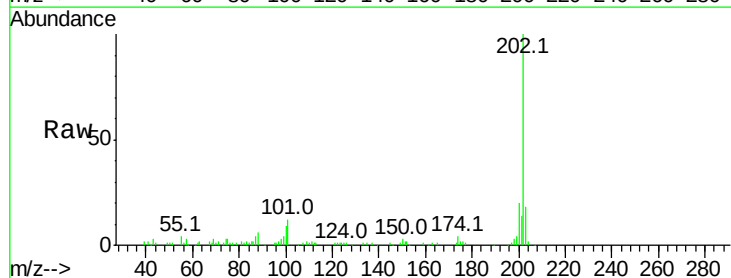
Instrument :
BNA_F
ClientSampleId :
SB-4

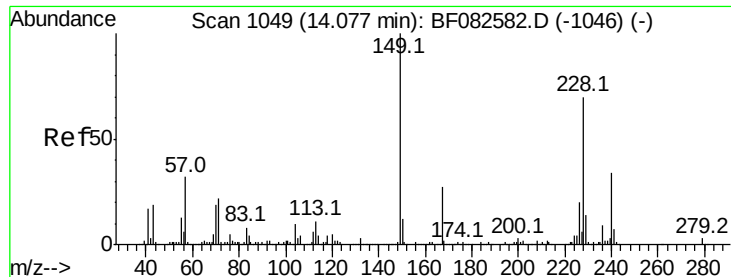
Tot Ion:188 Resp: 518635
Ion Ratio Lower Upper
188 100
94 5.3 6.1 9.1#
80 5.8 7.0 10.6#



#74
Fluoranthene
Concen: 2.63 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.03 min
Lab File: BF082731.D
Acq: 5 Nov 2015 16:06

Tgt Ion:202 Resp: 78659
Ion Ratio Lower Upper
202 100
101 11.8 0.0 30.5
203 18.0 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082731.D

Acq: 5 Nov 2015 16:06

Instrument :

BNA_F

ClientSampled :

SB-4

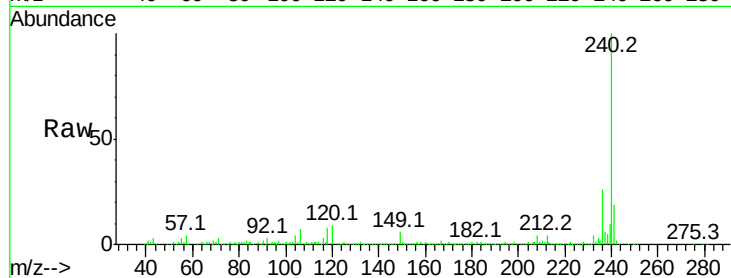
Tot Ion:240 Resp: 350983

Ion Ratio Lower Upper

240 100

120 8.7 10.9 16.3#

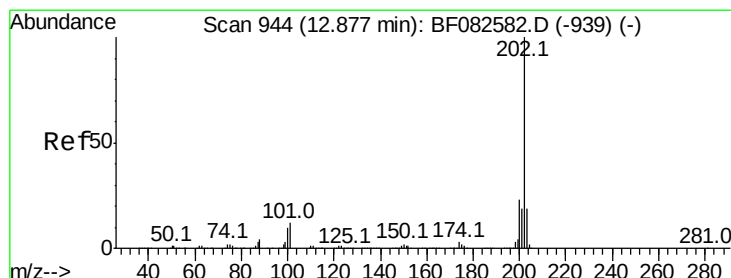
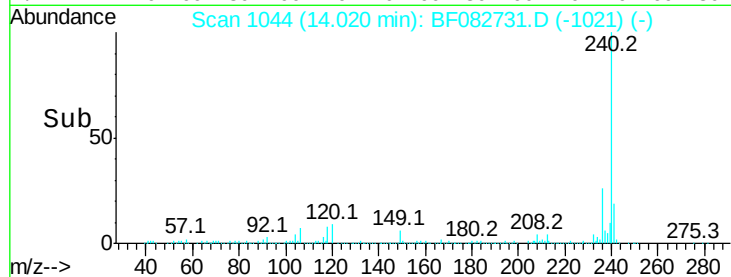
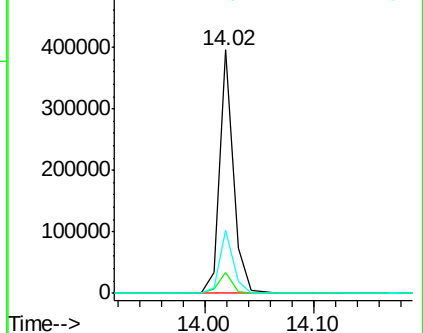
236 25.8 21.6 32.4



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: 2.03 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.03 min

Lab File: BF082731.D

Acq: 5 Nov 2015 16:06

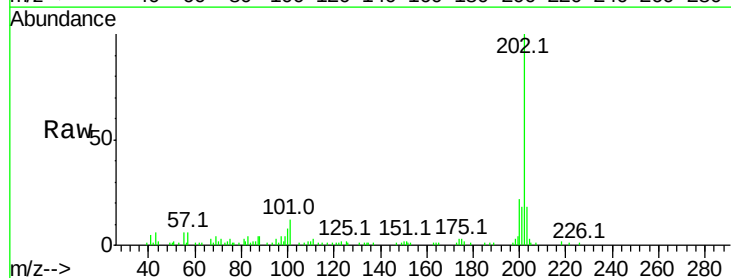
Tgt Ion:202 Resp: 52655

Ion Ratio Lower Upper

202 100

200 22.4 18.7 28.1

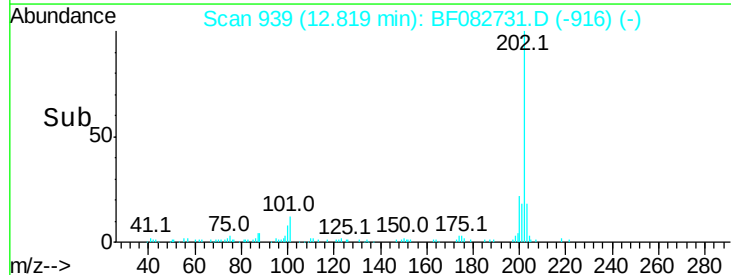
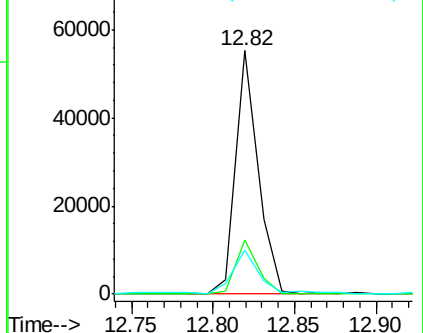
203 18.2 14.8 22.2

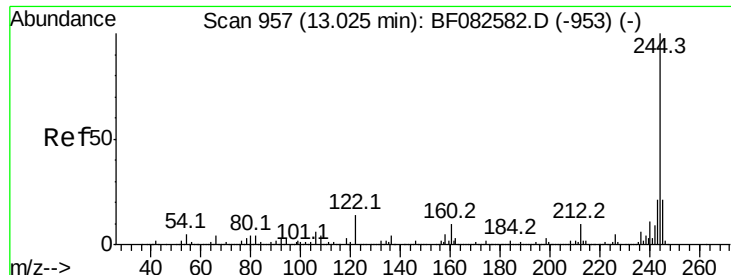


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

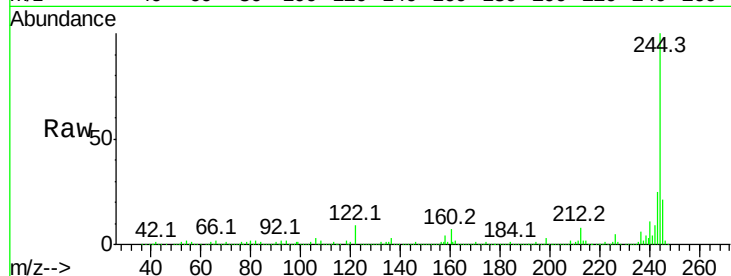




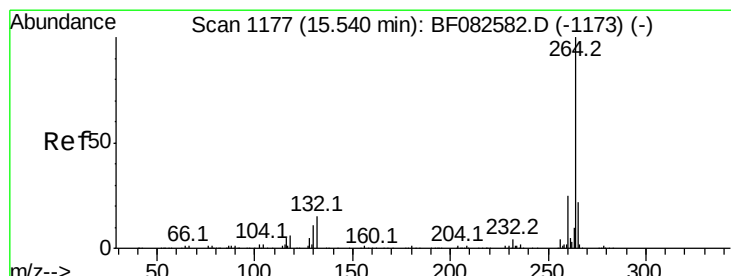
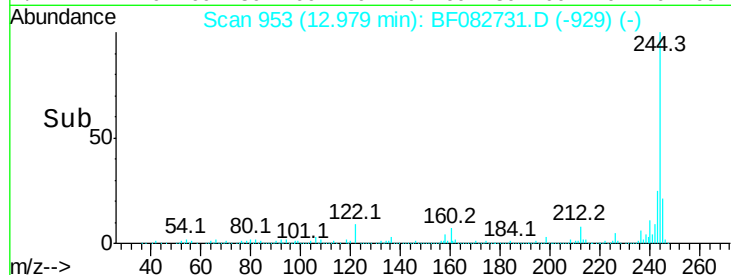
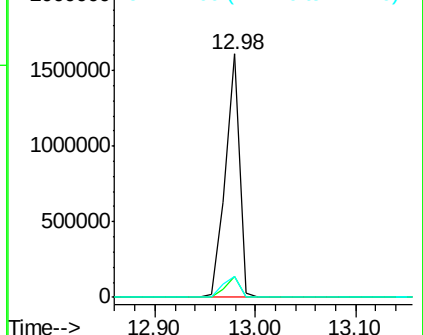
#78
 Terphenyl-d14
 Concen: 98.34 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.02 min
 Lab File: BF082731.D
 Acq: 5 Nov 2015 16:06

Instrument :
 BNA_F
 ClientSampleID :
 SB-4

Tot Ion:244 Resp: 1577132
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.6 11.4
 122 8.8 11.3 16.9#

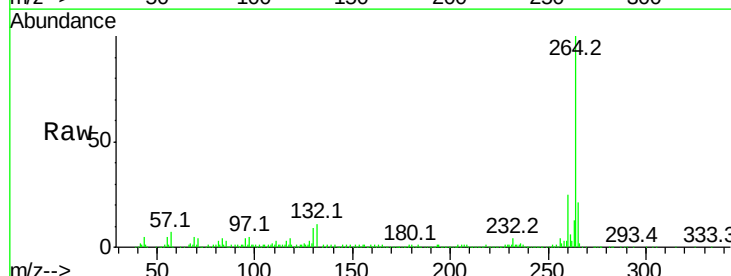


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.05 min
 Lab File: BF082731.D
 Acq: 5 Nov 2015 16:06

Tgt Ion:264 Resp: 311198
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.8 29.6
 265 21.4 17.4 26.0



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

