

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075537.D
 Acq On : 15 Nov 2014 13:00
 Operator : TP / JJ
 Sample : F4706-08
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09(37-39)-111114

Quant Time: Nov 17 12:48:05 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 16 02:30:12 2014
 Response via : Initial Calibration

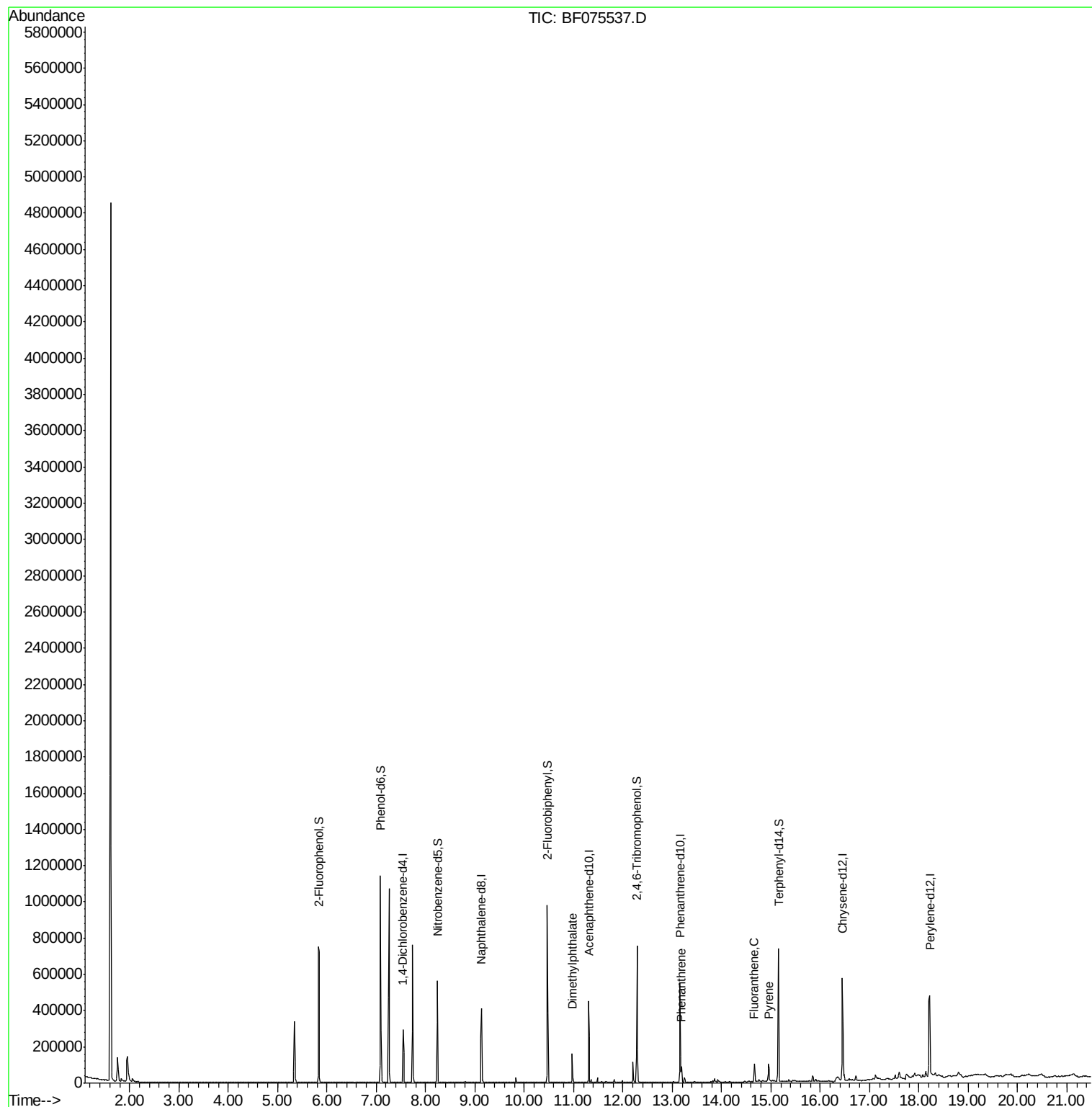
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	52607	20.00	ng	-0.01
21) Naphthalene-d8	9.13	136	232577	20.00	ng	0.00
38) Acenaphthene-d10	11.30	164	118937	20.00	ng	-0.01
63) Phenanthrene-d10	13.16	188	208820	20.00	ng	0.00
75) Chrysene-d12	16.45	240	241655	20.00	ng	-0.01
86) Perylene-d12	18.22	264	248993	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	309311	103.87	ng	0.01
7) Phenol-d6	7.09	99	374516	104.59	ng	0.00
23) Nitrobenzene-d5	8.24	82	210660	66.41	ng	0.00
41) 2,4,6-Tribromophenol	12.29	330	90464	90.81	ng	-0.01
44) 2-Fluorobiphenyl	10.47	172	339186	51.53	ng	-0.01
78) Terphenyl-d14	15.16	244	361578	40.28	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.97	163	63568	7.82	ng	98
70) Phenanthrene	13.19	178	44918	4.09	ng	99
74) Fluoranthene	14.67	202	41885	3.56	ng	99
77) Pyrene	14.95	202	40635	2.89	ng	97

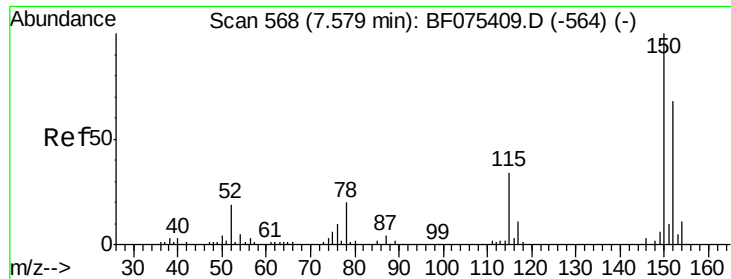
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF075537.D

Acq: 15 Nov 2014 13:00

Instrument :

BNA_F

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SB-09(37-39)-111114

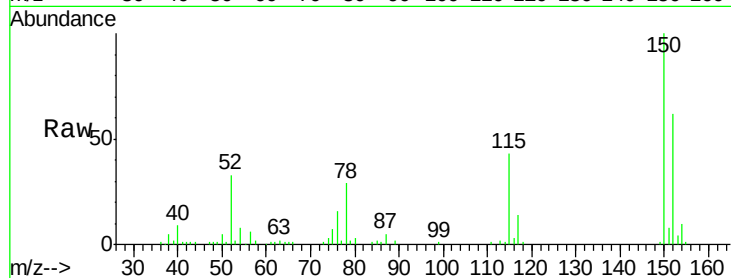
Tot Ion:152 Resp: 52607

Ion Ratio Lower Upper

152 100

150 160.8 127.2 190.8

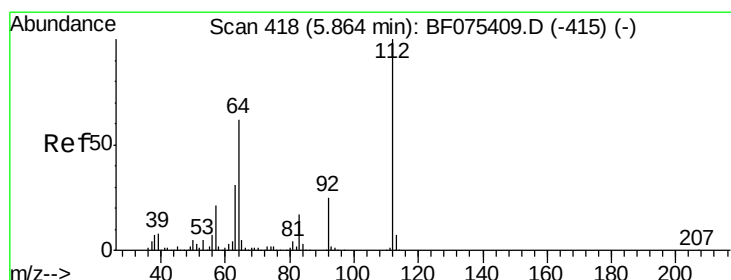
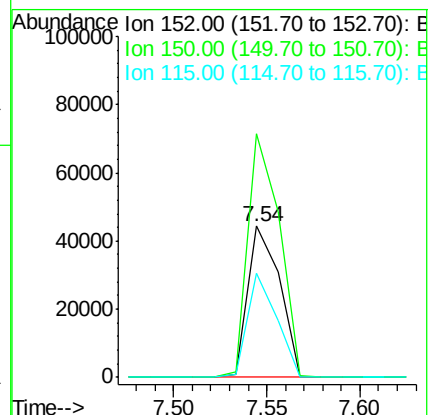
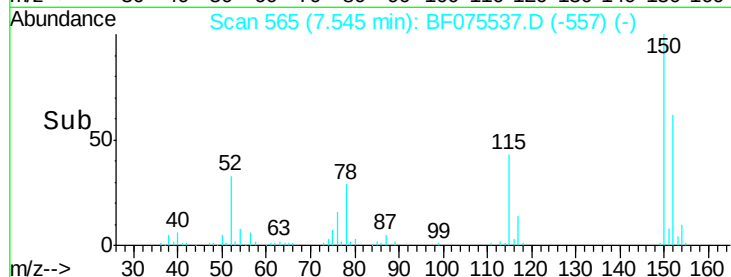
115 69.0 57.1 85.7



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: 103.87 ng

RT: 5.84 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF075537.D

Acq: 15 Nov 2014 13:00

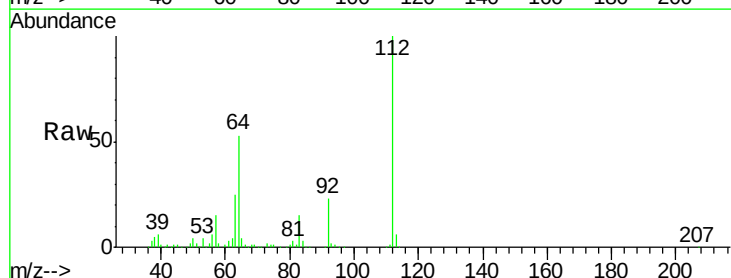
Tgt Ion:112 Resp: 309311

Ion Ratio Lower Upper

112 100

64 53.2 45.8 68.6

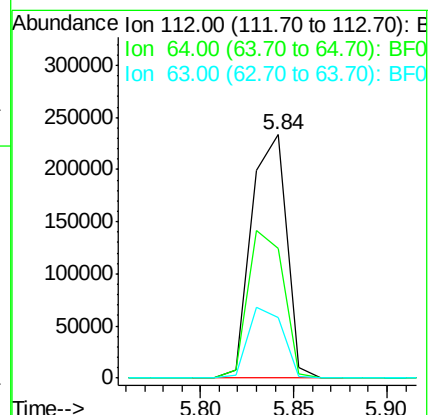
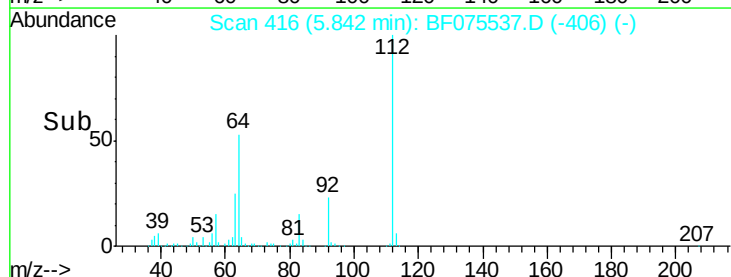
63 25.0 22.7 34.1

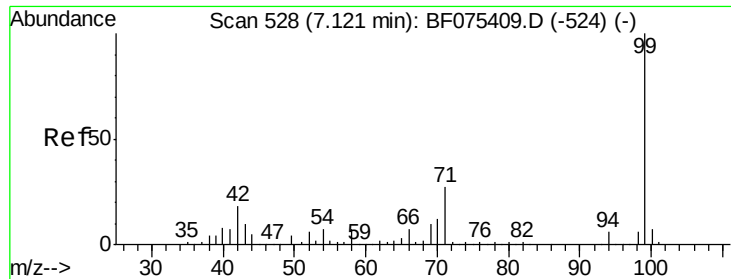


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.59 ng

RT: 7.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF075537.D

Acq: 15 Nov 2014 13:00

Instrument :

BNA_F

ClientSampleId :

SB-09(37-39)-111114

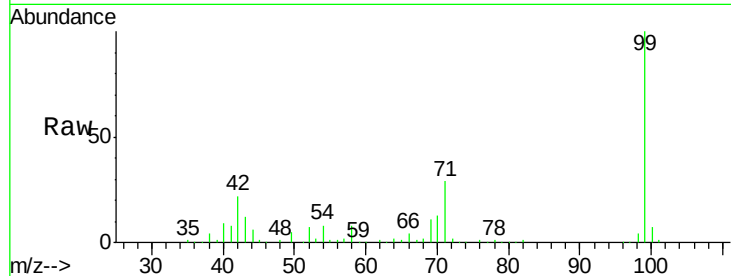
Tot Ion: 99 Resp: 374516

Ion Ratio Lower Upper

99 100

42 22.3 19.8 29.6

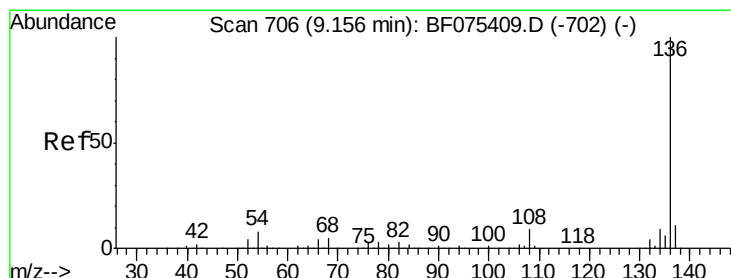
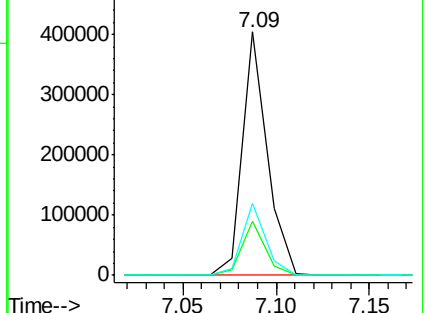
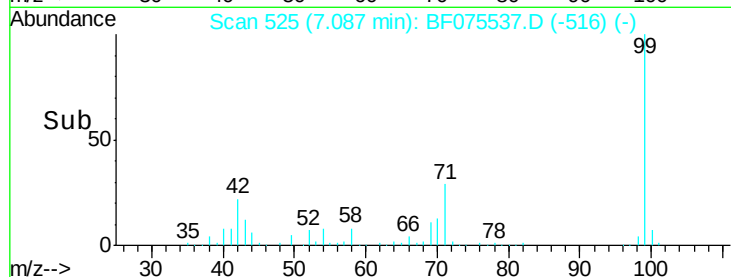
71 29.4 25.5 38.3



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: 9.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF075537.D

Acq: 15 Nov 2014 13:00

Tgt Ion: 136 Resp: 232577

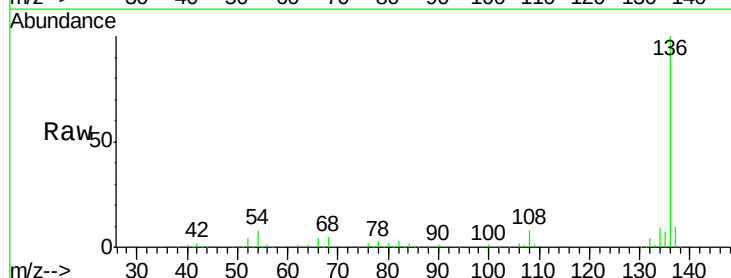
Ion Ratio Lower Upper

136 100

137 9.7 8.2 12.4

54 7.6 6.2 9.4

68 5.0 3.4 5.2

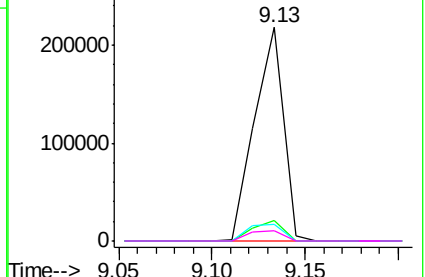
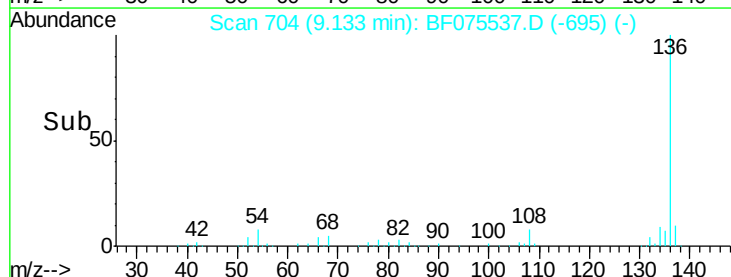


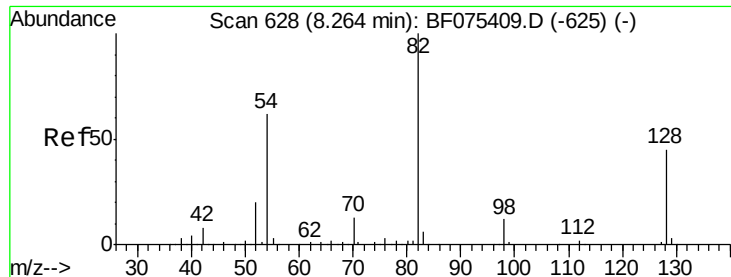
Abundance Ion 136.00 (135.70 to 136.70): E

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

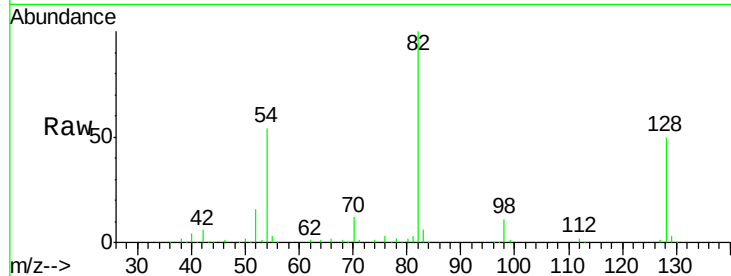




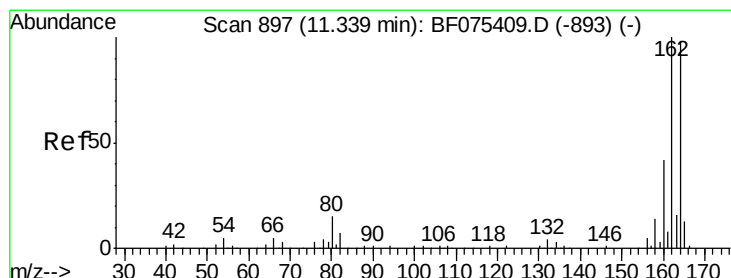
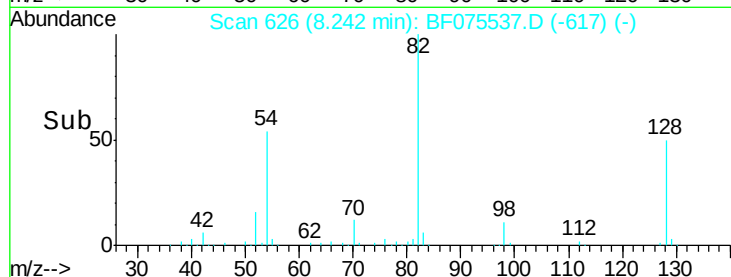
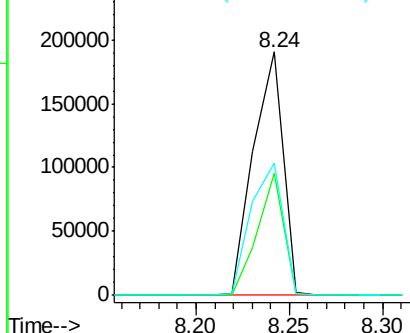
#23
 Nitrobenzene-d5
 Concen: 66.41 ng
 RT: 8.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF075537.D
 Acq: 15 Nov 2014 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-09(37-39)-111114

Tot Ion: 82 Resp: 210660
 Ion Ratio Lower Upper
 82 100
 128 50.4 37.8 56.6
 54 54.3 49.8 74.8

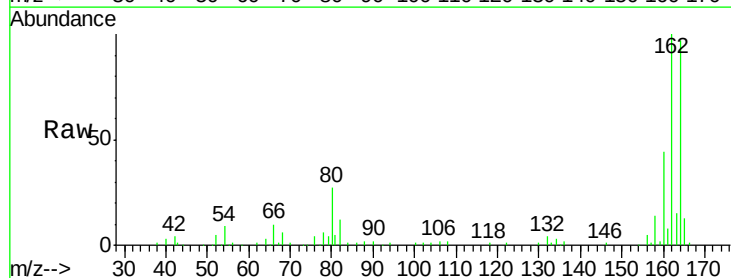


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

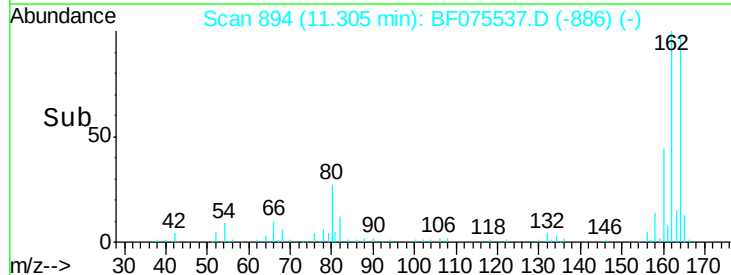
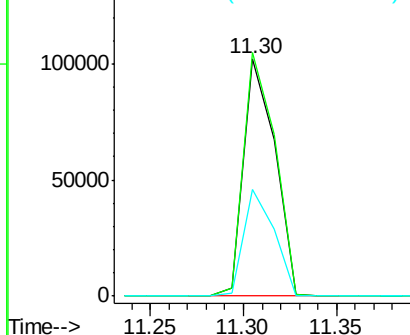


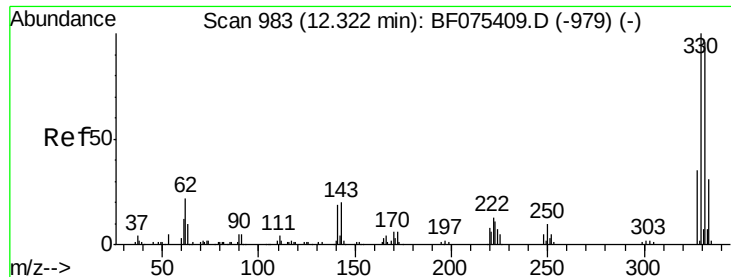
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF075537.D
 Acq: 15 Nov 2014 13:00

Tgt Ion:164 Resp: 118937
 Ion Ratio Lower Upper
 164 100
 162 102.6 79.1 118.7
 160 44.8 34.6 51.8



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

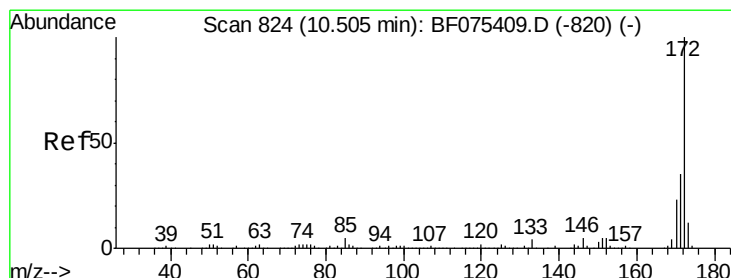
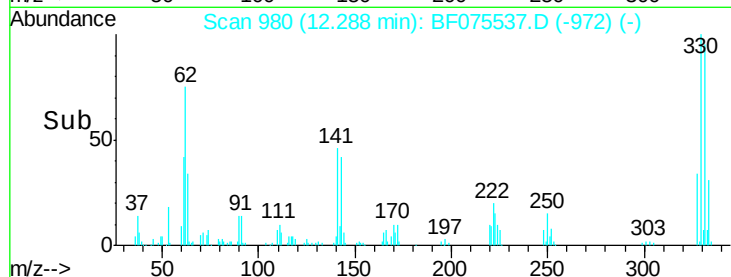
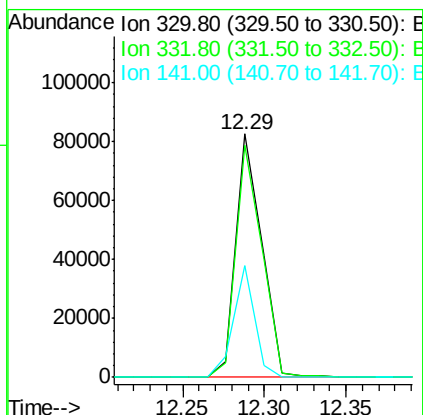
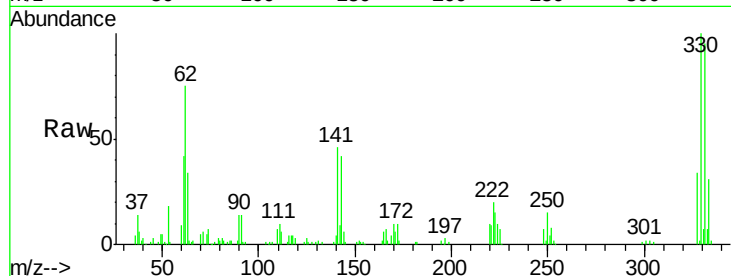




#41
 2,4,6-Tribromophenol
 Concen: 90.81 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF075537.D
 Acq: 15 Nov 2014 13:00

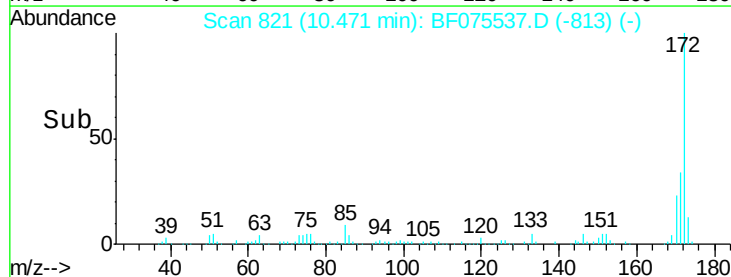
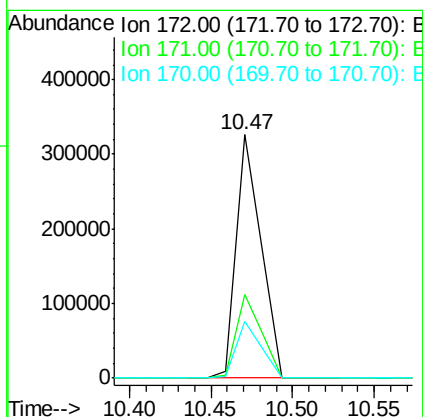
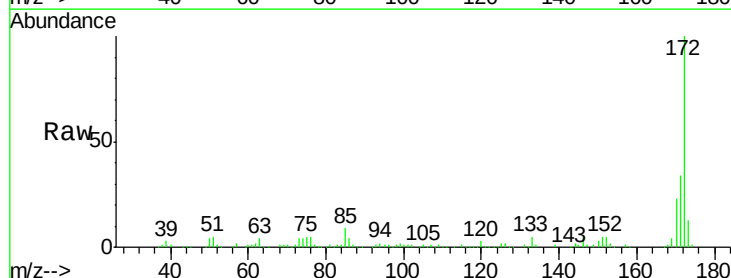
Instrument :
 BNA_F
 ClientSampleId :
 SB-09(37-39)-111114

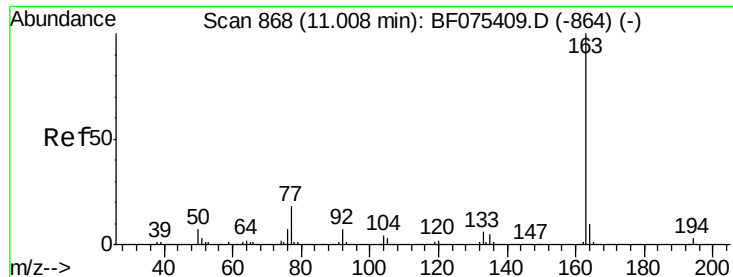
Tot Ion:330 Resp: 90464
 Ion Ratio Lower Upper
 330 100
 332 95.7 74.5 111.7
 141 37.4 30.7 46.1



#44
 2-Fluorobiphenyl
 Concen: 51.53 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF075537.D
 Acq: 15 Nov 2014 13:00

Tgt Ion:172 Resp: 339186
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.3 40.9
 170 23.4 18.4 27.6

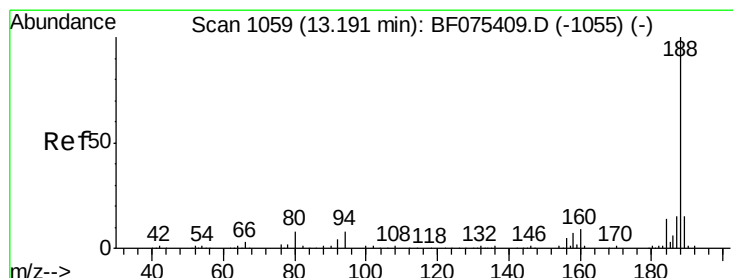
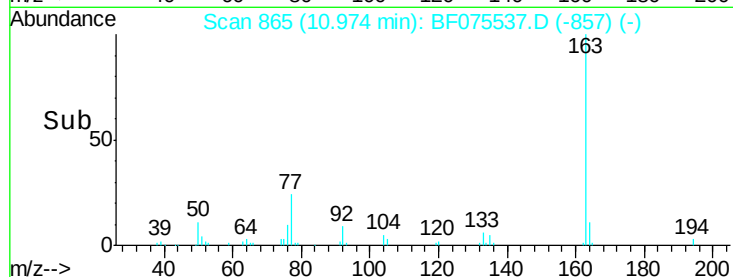
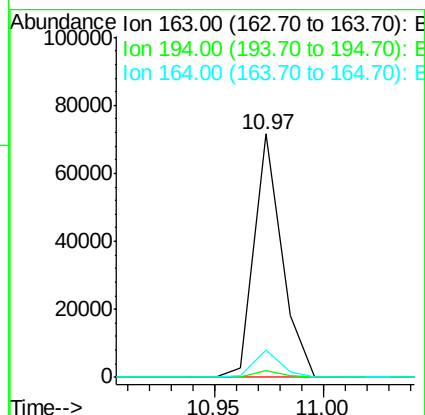
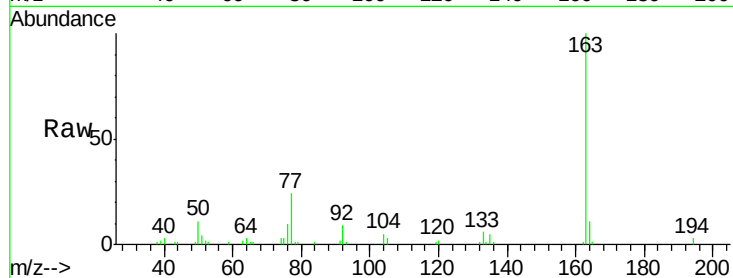




#49
Dimethylphthalate
Concen: 7.82 ng
RT: 10.97 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF075537.D
Acq: 15 Nov 2014 13:00

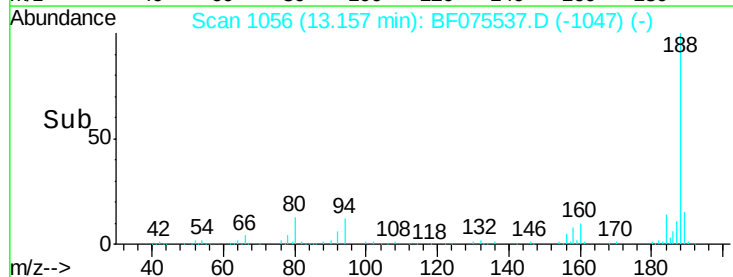
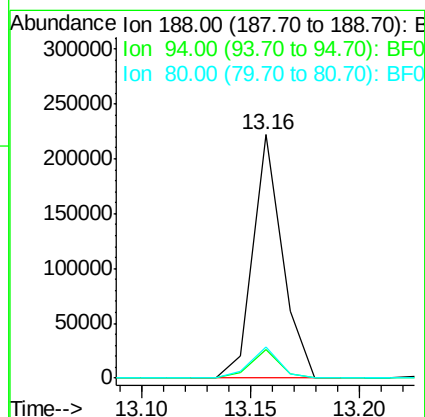
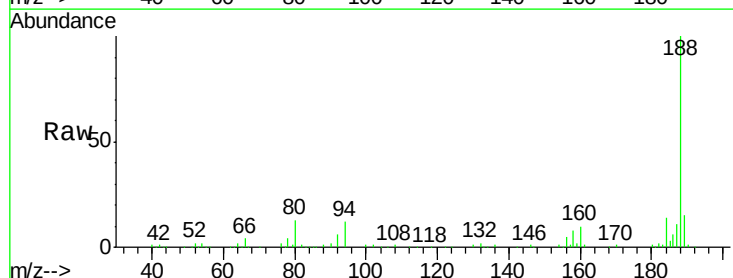
Instrument :
BNA_F
ClientSampleId :
SB-09(37-39)-111114

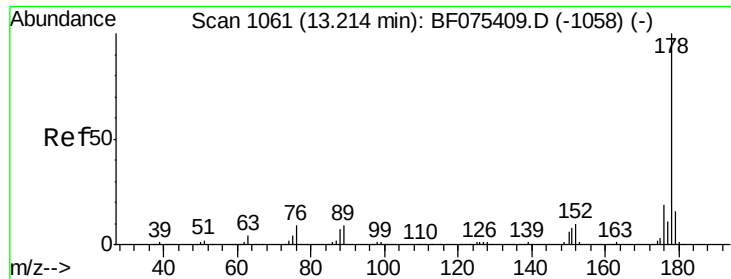
Tot Ion:163 Resp: 63568
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 11.0 8.0 12.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF075537.D
Acq: 15 Nov 2014 13:00

Tgt Ion:188 Resp: 208820
Ion Ratio Lower Upper
188 100
94 11.8 7.8 11.6#
80 12.8 8.0 12.0#





#70

Phenanthrene

Concen: 4.09 ng

RT: 13.19 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF075537.D

Acq: 15 Nov 2014 13:00

Instrument :

BNA_F

ClientSampleId :

SB-09(37-39)-111114

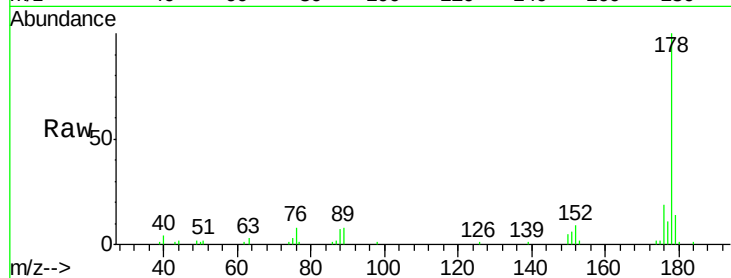
Tot Ion:178 Resp: 44918

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

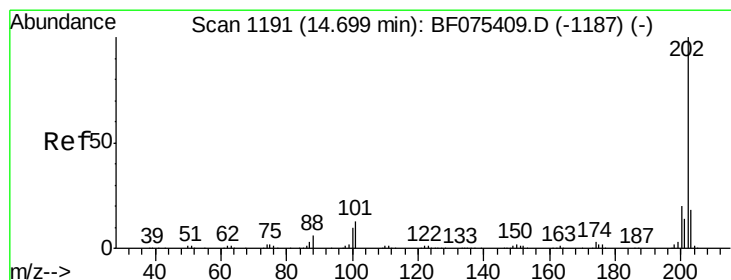
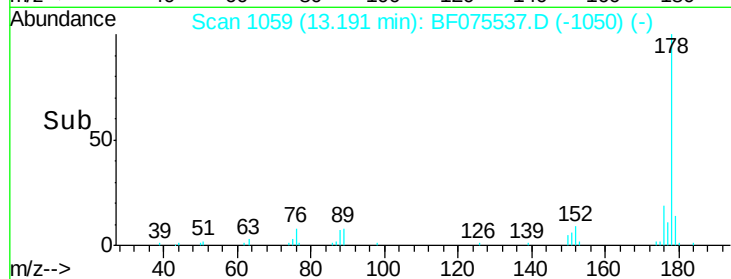
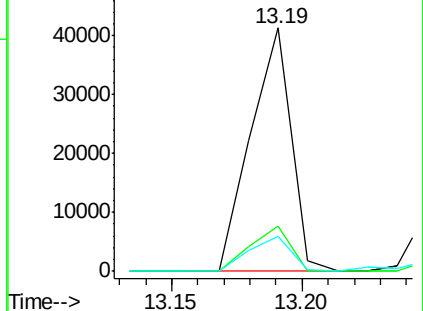
179 14.3 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 3.56 ng

RT: 14.67 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF075537.D

Acq: 15 Nov 2014 13:00

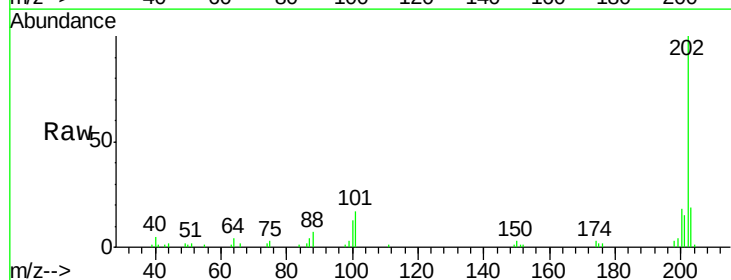
Tgt Ion:202 Resp: 41885

Ion Ratio Lower Upper

202 100

101 16.8 0.0 36.6

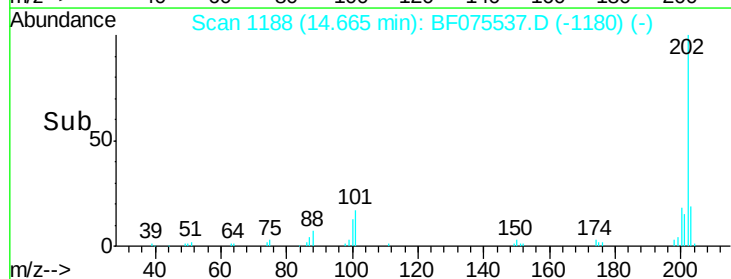
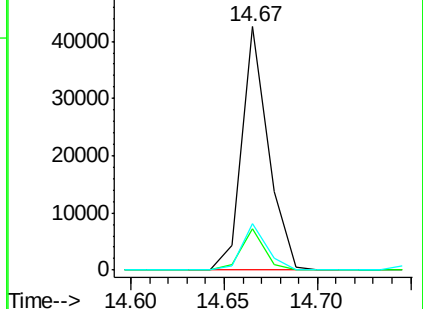
203 19.0 0.0 38.2

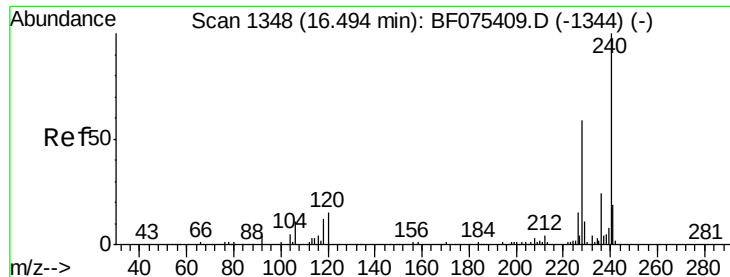


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.45 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF075537.D

Acq: 15 Nov 2014 13:00

Instrument :

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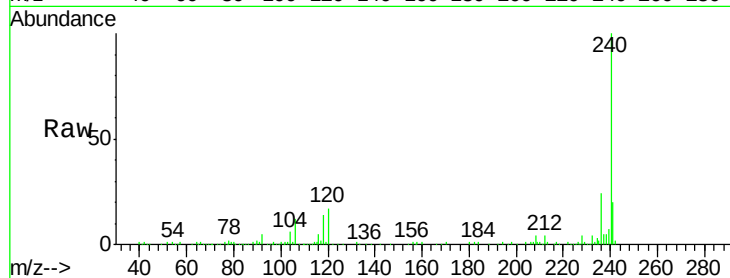
Tot Ion:240 Resp: 241655

Ion Ratio Lower Upper

240 100

120 17.3 9.6 14.4#

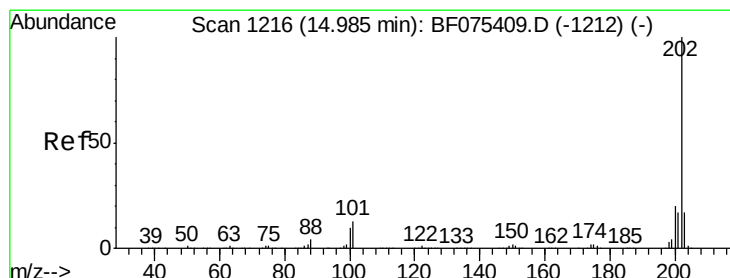
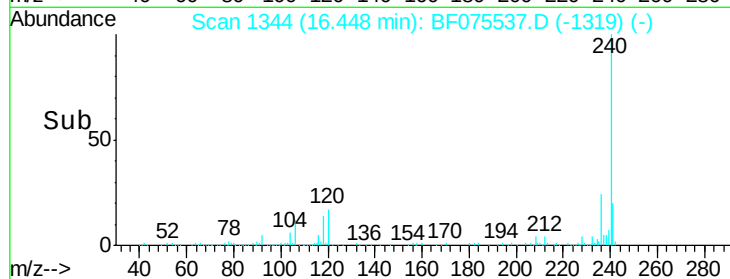
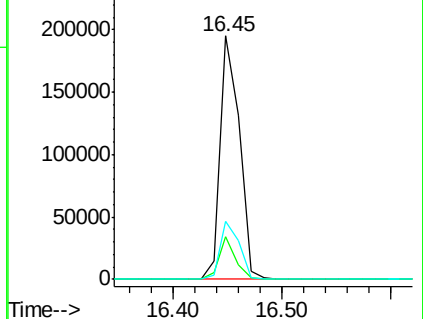
236 23.8 18.9 28.3



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: 2.89 ng

RT: 14.95 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF075537.D

Acq: 15 Nov 2014 13:00

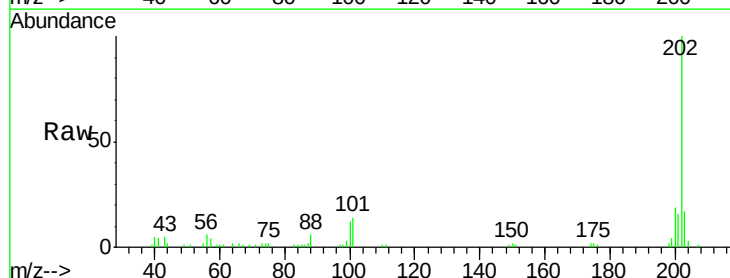
Tgt Ion:202 Resp: 40635

Ion Ratio Lower Upper

202 100

200 19.3 16.8 25.2

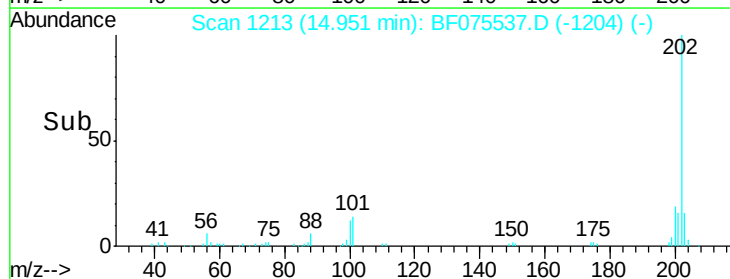
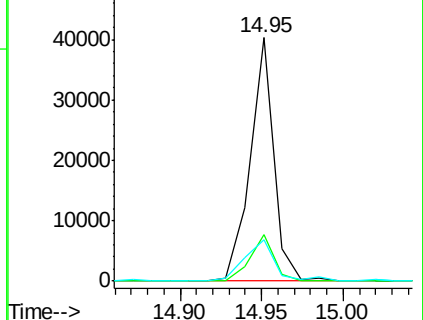
203 16.7 14.3 21.5

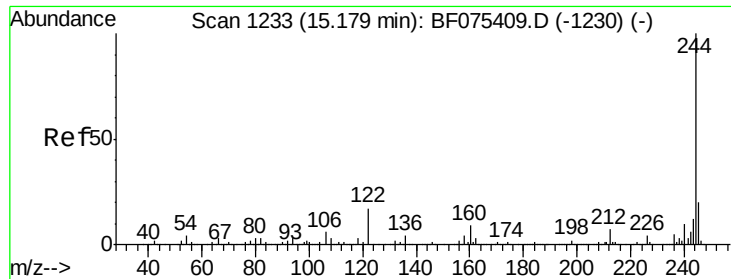


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 40.28 ng

RT: 15.16 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF075537.D

Acq: 15 Nov 2014 13:00

Instrument :

BNA_F

ClientSampleId :

SB-09(37-39)-111114

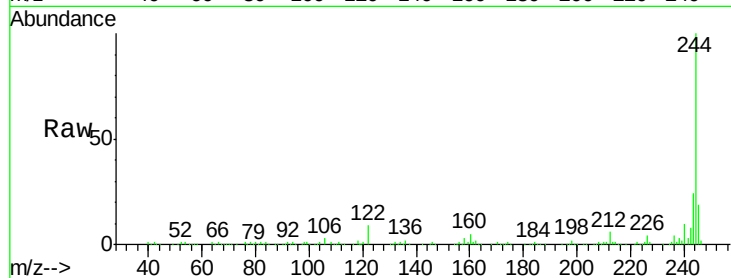
Tot Ion:244 Resp: 361578

Ion Ratio Lower Upper

244 100

212 5.6 5.5 8.3

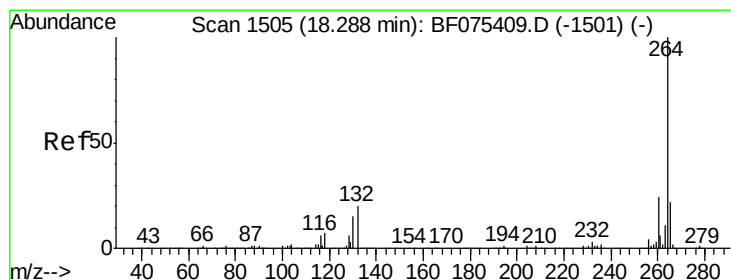
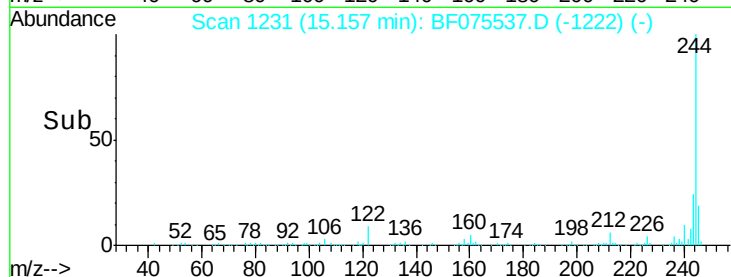
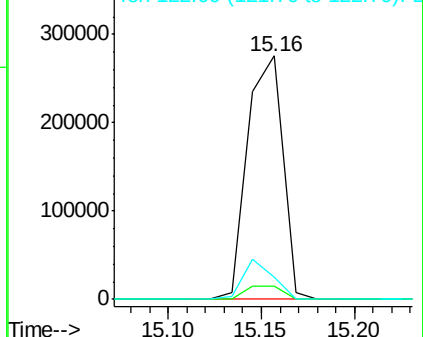
122 9.1 9.7 14.5#



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: 18.22 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BF075537.D

Acq: 15 Nov 2014 13:00

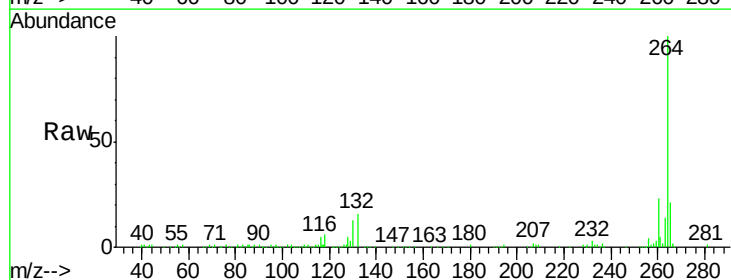
Tgt Ion:264 Resp: 248993

Ion Ratio Lower Upper

264 100

260 22.5 17.9 26.9

265 21.4 16.3 24.5



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

