

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075536.D
 Acq On : 15 Nov 2014 12:32
 Operator : TP / JJ
 Sample : F4706-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09(25-27)-111114

Quant Time: Nov 16 03:22:08 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

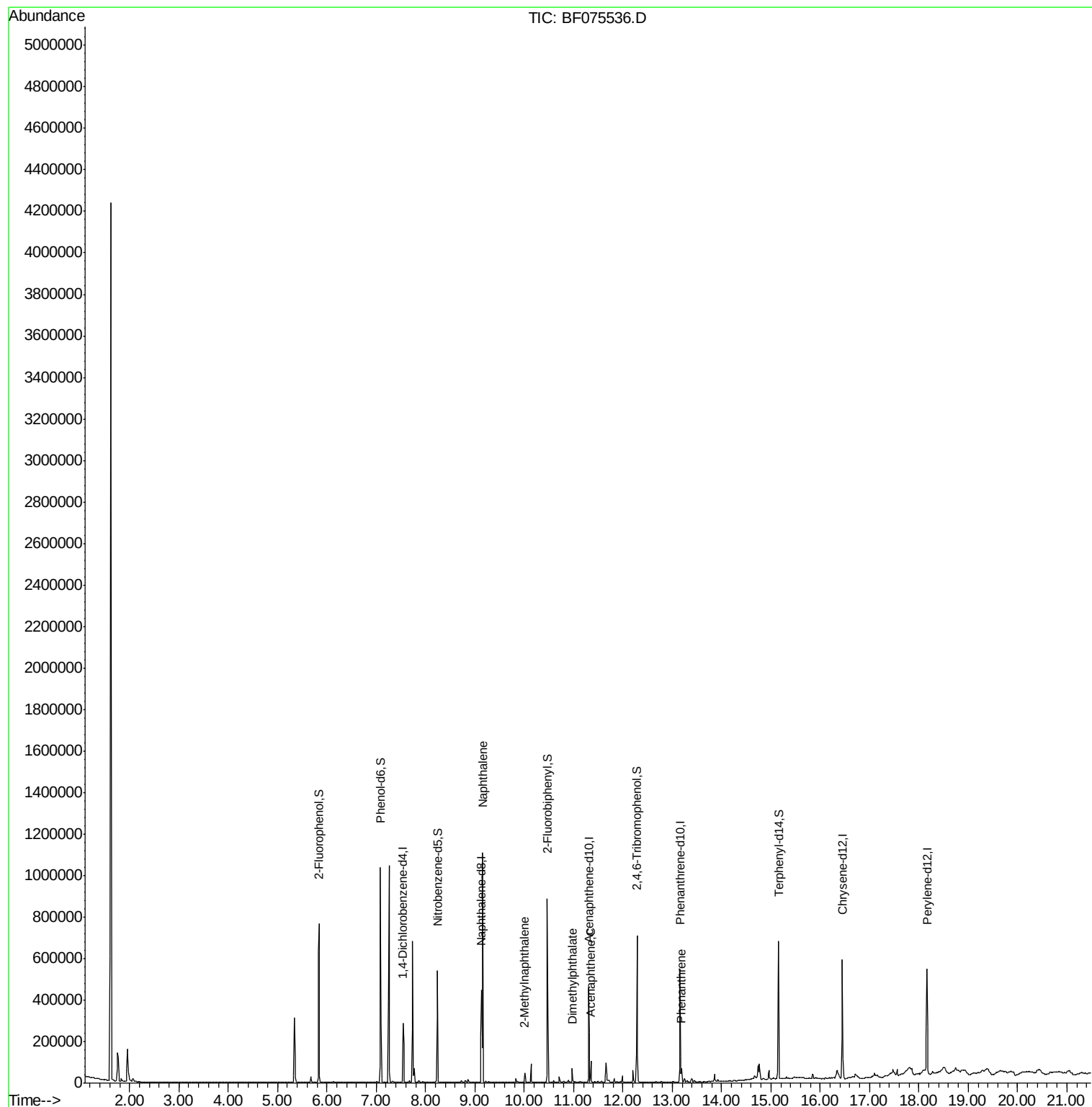
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	55081	20.00	ng	-0.01
21) Naphthalene-d8	9.13	136	233756	20.00	ng	0.00
38) Acenaphthene-d10	11.30	164	117941	20.00	ng	-0.01
63) Phenanthrene-d10	13.16	188	202715	20.00	ng	0.00
75) Chrysene-d12	16.45	240	224366	20.00	ng	-0.01
86) Perylene-d12	18.16	264	227279	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	296187	95.00	ng	0.01
7) Phenol-d6	7.09	99	345865	92.25	ng	0.00
23) Nitrobenzene-d5	8.24	82	196314	61.57	ng	0.00
41) 2,4,6-Tribromophenol	12.29	330	83171	84.19	ng	-0.01
44) 2-Fluorobiphenyl	10.47	172	302877	46.40	ng	-0.01
78) Terphenyl-d14	15.16	244	325043	39.00	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	9.16	128	472080	45.30	ng	99
37) 2-Methylnaphthalene	10.01	142	14242	2.00	ng	95
49) Dimethylphthalate	10.97	163	26865	3.33	ng	97
51) Acenaphthene	11.35	154	23815	3.85	ng	99
70) Phenanthrene	13.19	178	33156	3.11	ng	99

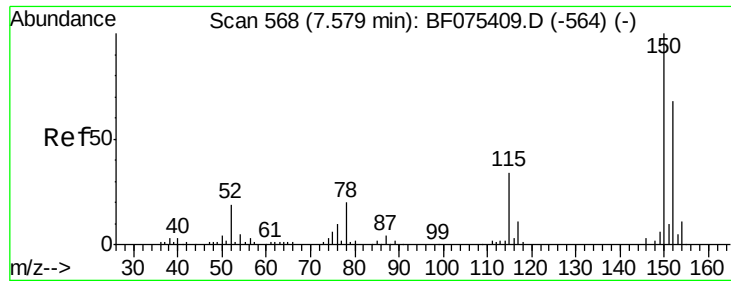
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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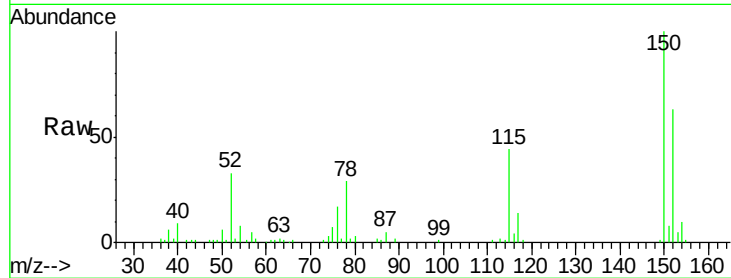


#1

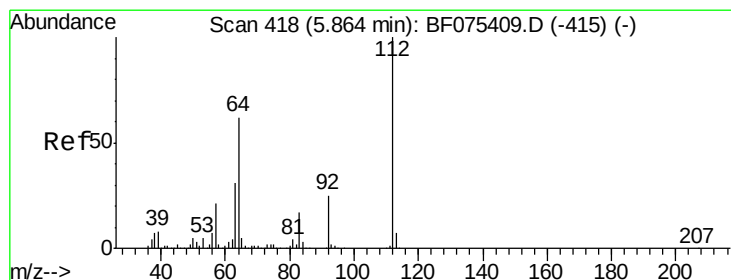
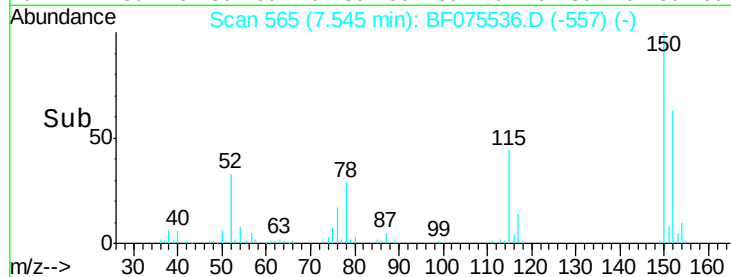
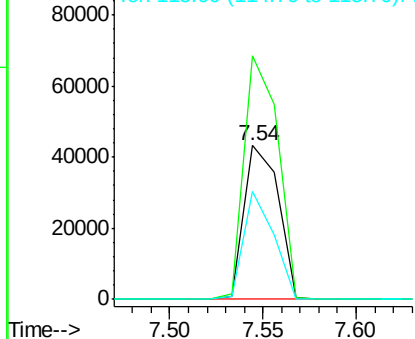
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF075536.D
Acq: 15 Nov 2014 12:32

Instrument :
BNA_F
ClientSampleId :
SB-09(25-27)-111114

Tot Ion:152 Resp: 55081
Ion Ratio Lower Upper
152 100
150 158.5 127.2 190.8
115 70.1 57.1 85.7



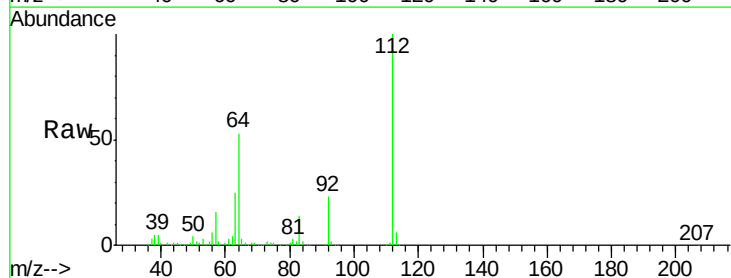
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



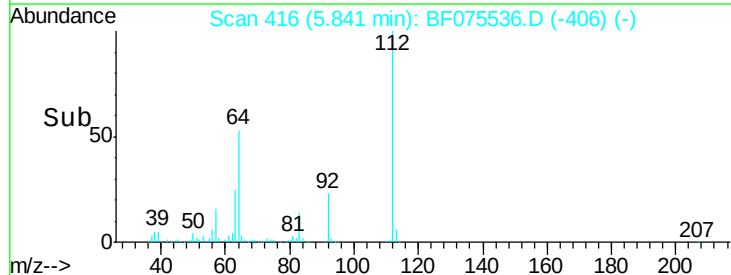
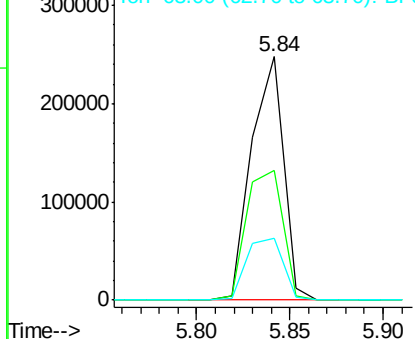
#5

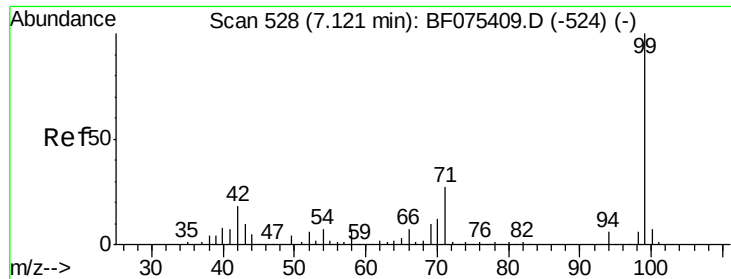
2-Fluorophenol
Concen: 95.00 ng
RT: 5.84 min Scan# 416
Delta R.T. 0.01 min
Lab File: BF075536.D
Acq: 15 Nov 2014 12:32

Tgt Ion:112 Resp: 296187
Ion Ratio Lower Upper
112 100
64 53.1 45.8 68.6
63 25.2 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: 92.25 ng

RT: 7.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF075536.D

Acq: 15 Nov 2014 12:32

Instrument :

BNA_F

ClientSampleId :

SB-09(25-27)-111114

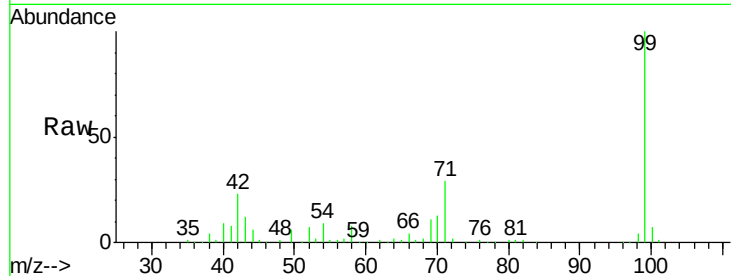
Tot Ion: 99 Resp: 345865

Ion Ratio Lower Upper

99 100

42 22.7 19.8 29.6

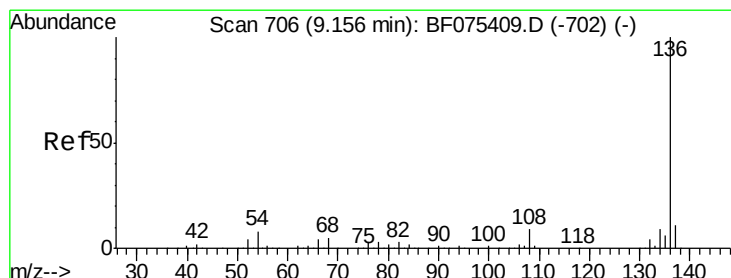
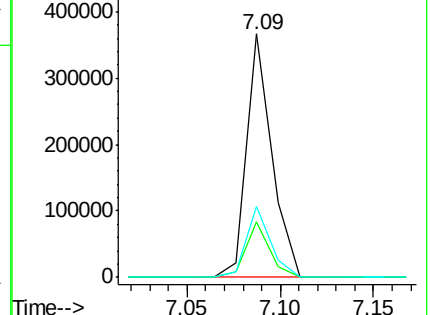
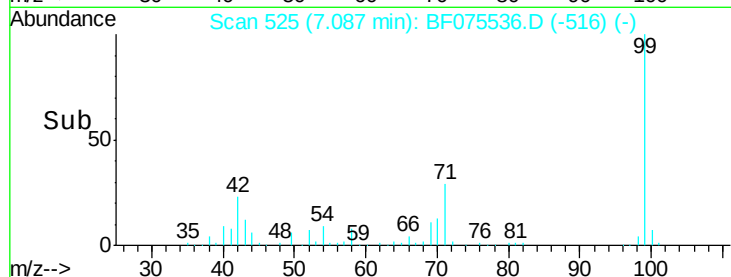
71 28.8 25.5 38.3



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: BF075536.D

Acq: 15 Nov 2014 12:32

Tgt Ion: 136 Resp: 233756

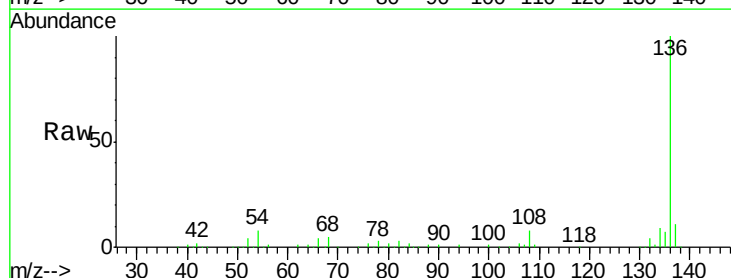
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.4

54 8.0 6.2 9.4

68 5.0 3.4 5.2

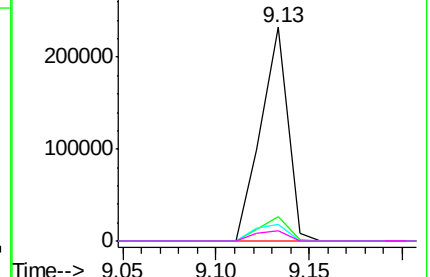
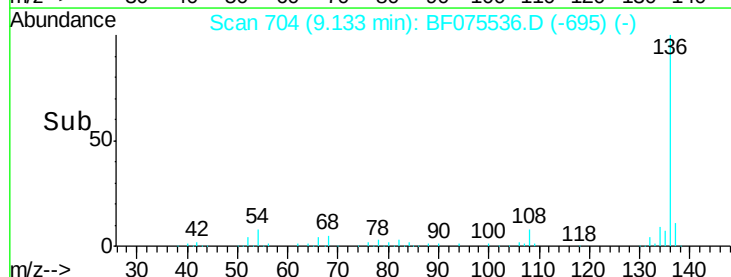


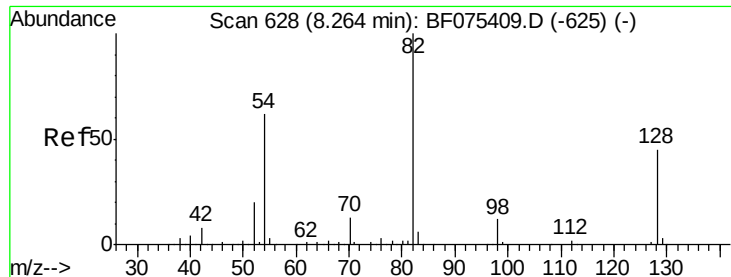
Abundance Ion 136.00 (135.70 to 136.70): E

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

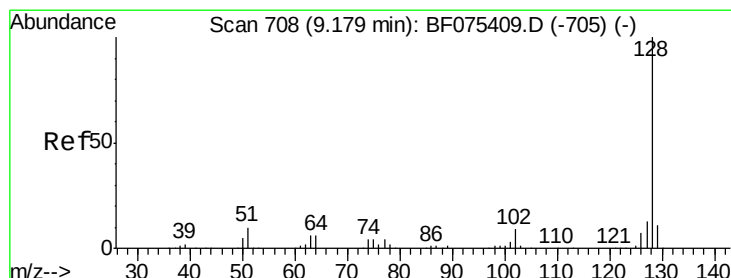
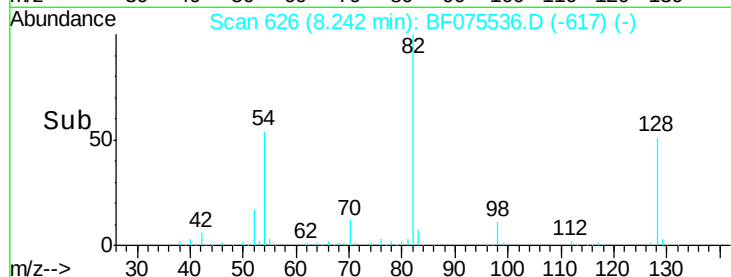
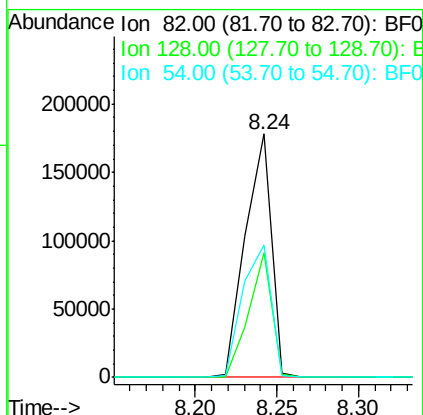
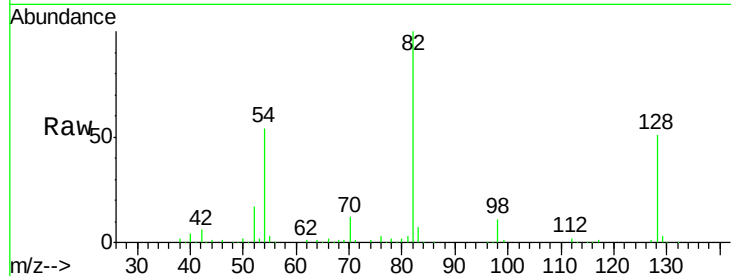




#23
Nitrobenzene-d5
Concen: 61.57 ng
RT: 8.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF075536.D
Acq: 15 Nov 2014 12:32

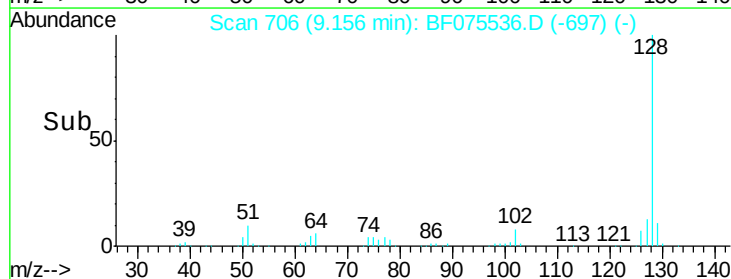
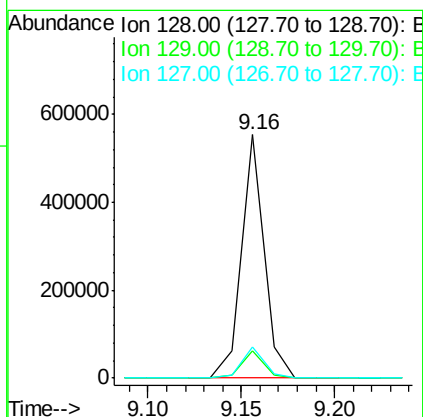
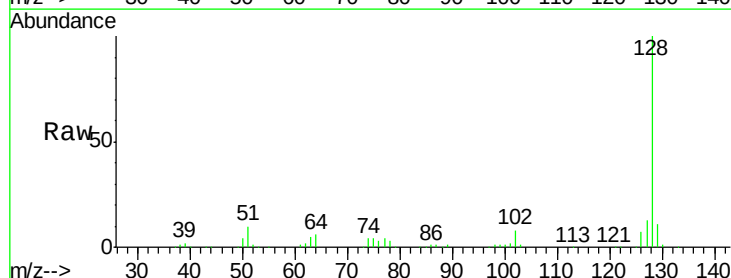
Instrument :
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ClientSampleId :
SB-09(25-27)-111114

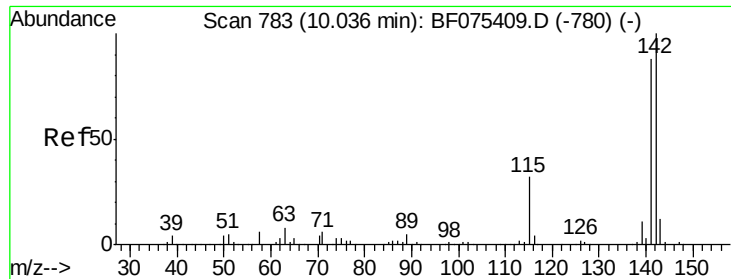
Tot Ion: 82 Resp: 196314
Ion Ratio Lower Upper
82 100
128 51.3 37.8 56.6
54 54.5 49.8 74.8



#31
Naphthalene
Concen: 45.30 ng
RT: 9.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF075536.D
Acq: 15 Nov 2014 12:32

Tgt Ion: 128 Resp: 472080
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.1 10.2 15.4

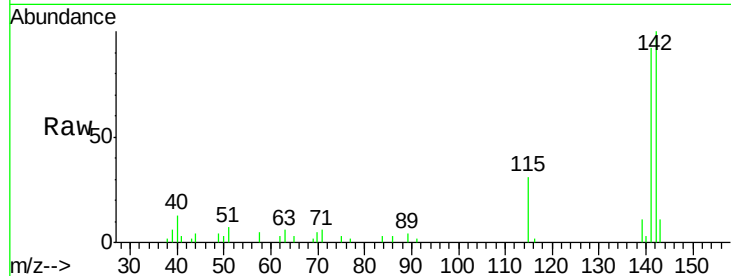




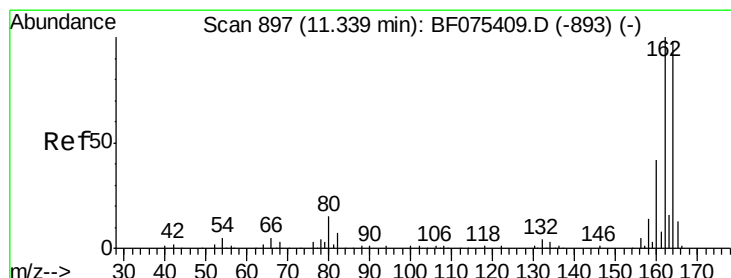
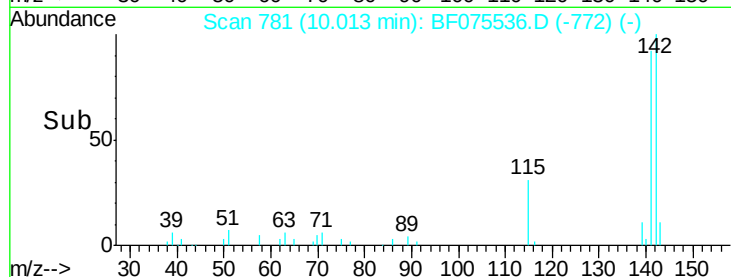
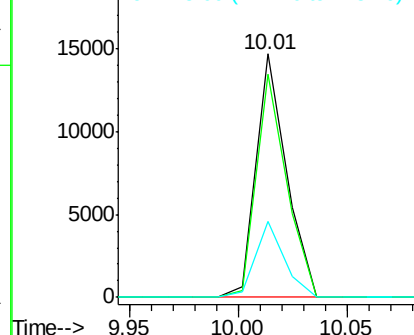
#37
2-Methylnaphthalene
Concen: 2.00 ng
RT: 10.01 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF075536.D
Acq: 15 Nov 2014 12:32

Instrument :
BNA_F
ClientSampleId :
SB-09(25-27)-111114

Tot Ion:142 Resp: 14242
Ion Ratio Lower Upper
142 100
141 91.6 69.9 104.9
115 31.2 27.6 41.4

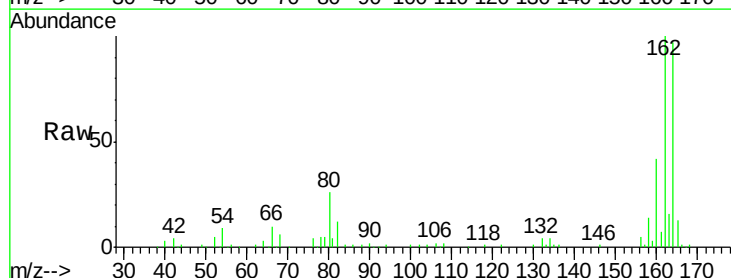


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

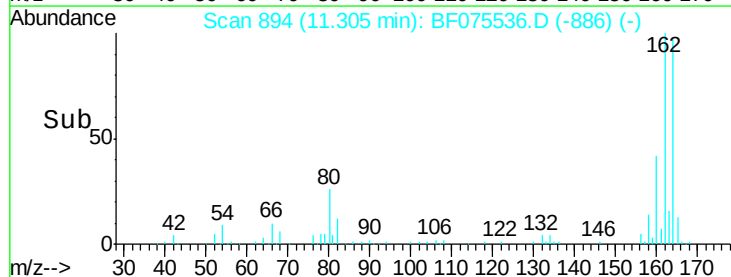
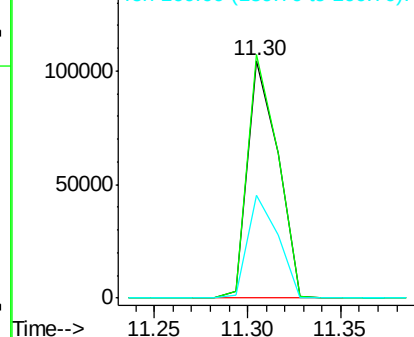


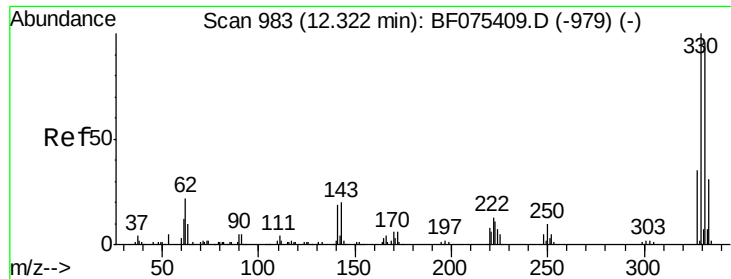
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF075536.D
Acq: 15 Nov 2014 12:32

Tgt Ion:164 Resp: 117941
Ion Ratio Lower Upper
164 100
162 102.6 79.1 118.7
160 43.3 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

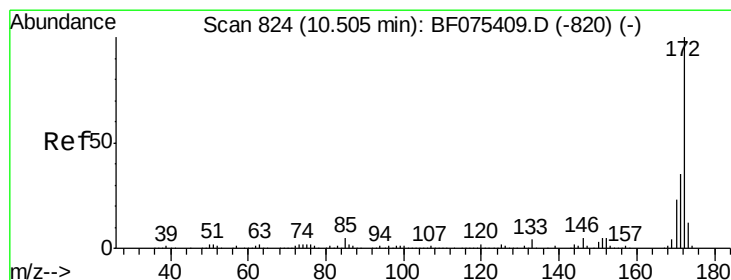
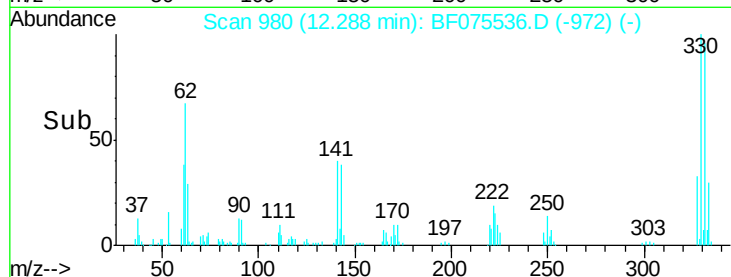
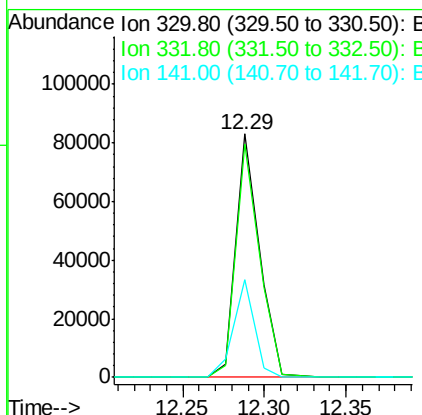
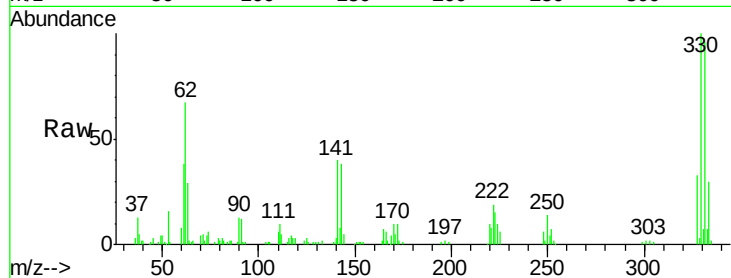




#41
 2,4,6-Tribromophenol
 Concen: 84.19 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF075536.D
 Acq: 15 Nov 2014 12:32

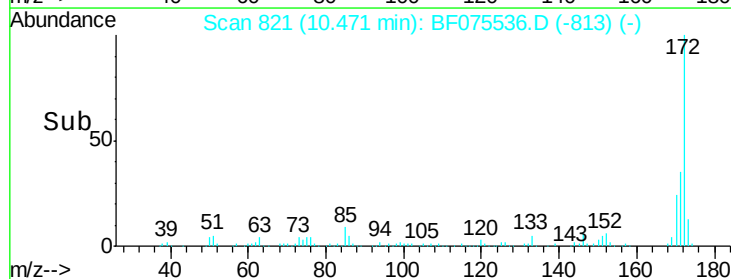
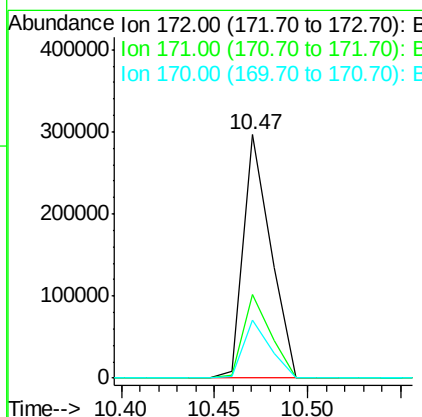
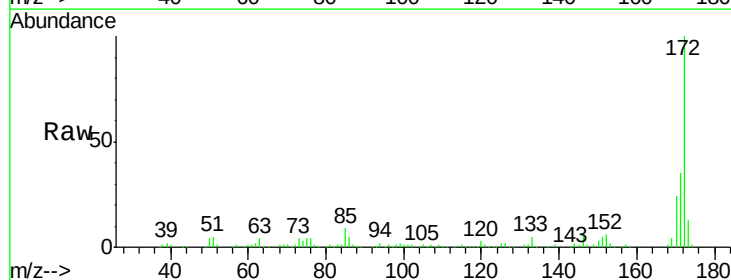
Instrument :
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 ClientSampleId :
 SB-09(25-27)-111114

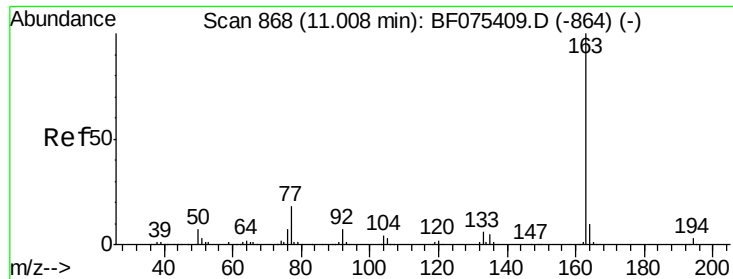
Tot Ion:330 Resp: 83171
 Ion Ratio Lower Upper
 330 100
 332 95.6 74.5 111.7
 141 35.2 30.7 46.1



#44
 2-Fluorobiphenyl
 Concen: 46.40 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF075536.D
 Acq: 15 Nov 2014 12:32

Tgt Ion:172 Resp: 302877
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.3 40.9
 170 23.6 18.4 27.6

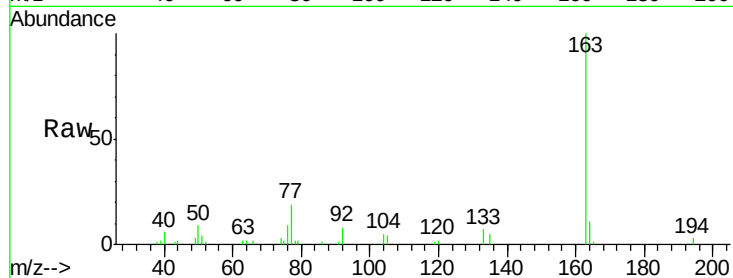




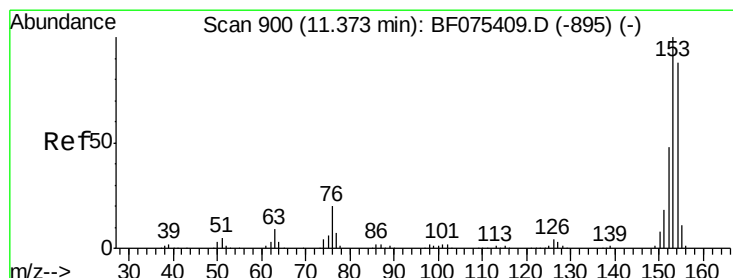
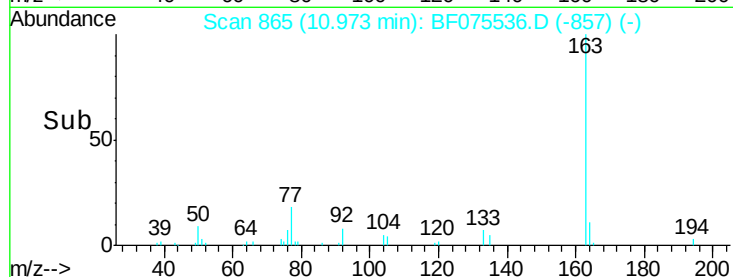
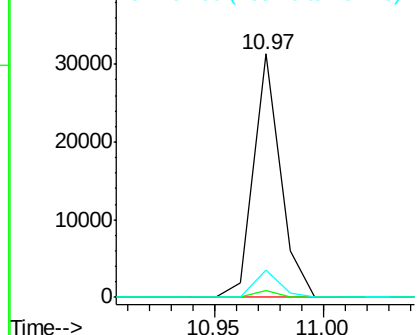
#49
Dimethylphthalate
Concen: 3.33 ng
RT: 10.97 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF075536.D
Acq: 15 Nov 2014 12:32

Instrument :
BNA_F
ClientSampleId :
SB-09(25-27)-111114

Tot Ion:163 Resp: 26865
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 11.2 8.0 12.0

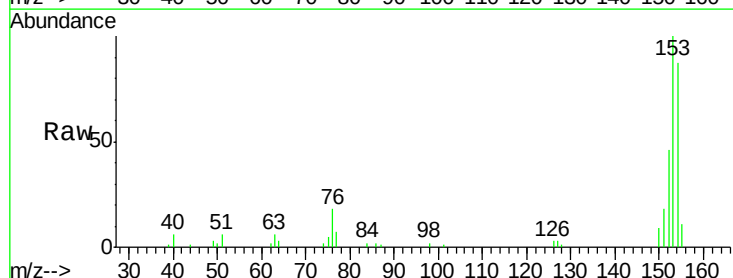


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

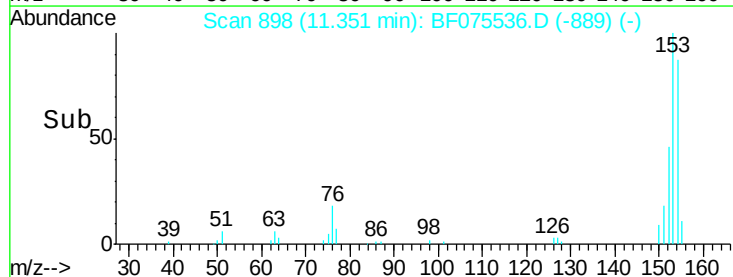
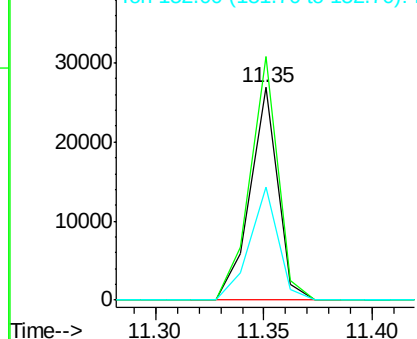


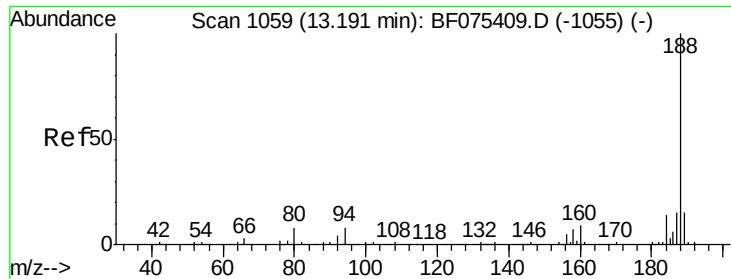
#51
Acenaphthene
Concen: 3.85 ng
RT: 11.35 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF075536.D
Acq: 15 Nov 2014 12:32

Tgt Ion:154 Resp: 23815
Ion Ratio Lower Upper
154 100
153 114.4 91.2 136.8
152 53.0 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

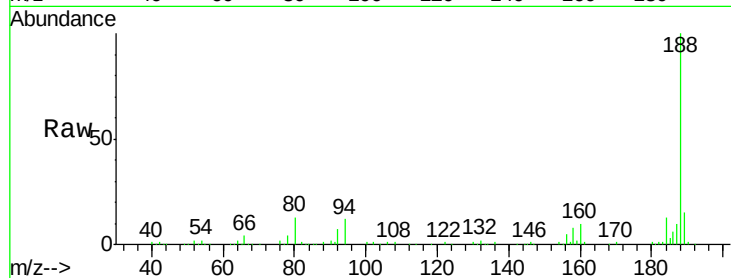




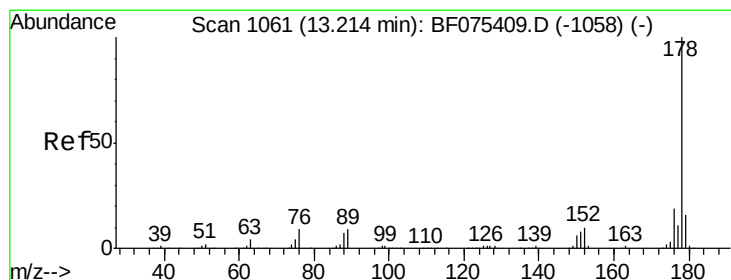
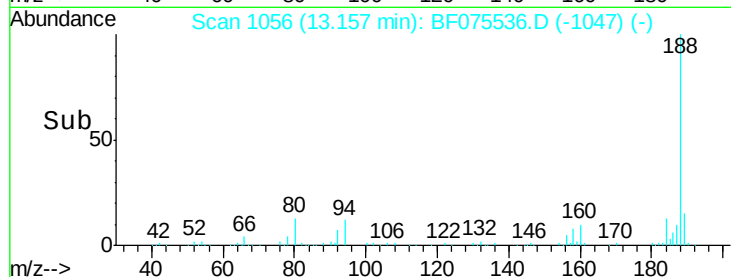
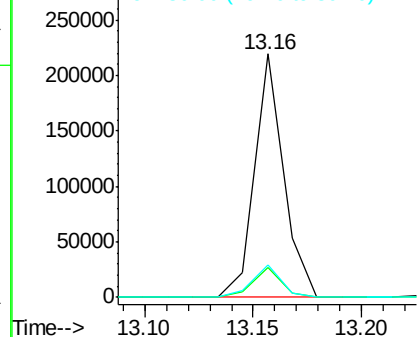
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF075536.D
Acq: 15 Nov 2014 12:32

Instrument :
BNA_F
ClientSampleId :
SB-09(25-27)-111114

Tot Ion:188 Resp: 202715
Ion Ratio Lower Upper
188 100
94 12.3 7.8 11.6#
80 13.2 8.0 12.0#

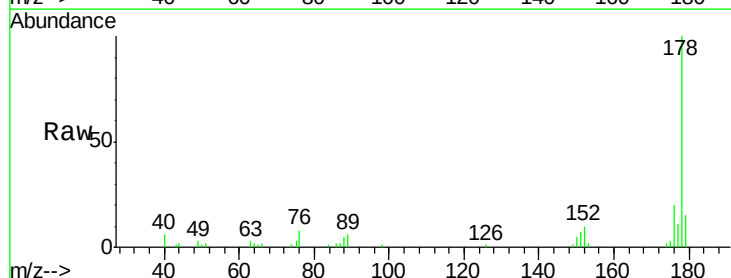


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

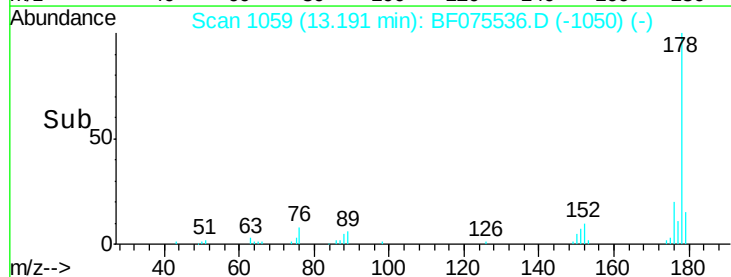
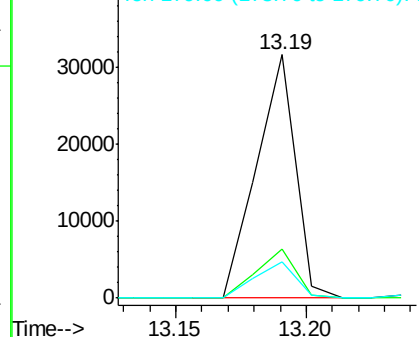


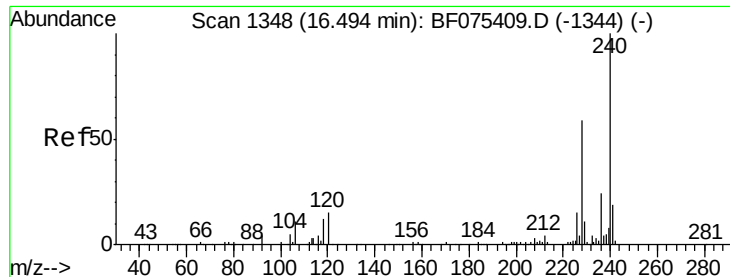
#70
Phenanthrene
Concen: 3.11 ng
RT: 13.19 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF075536.D
Acq: 15 Nov 2014 12:32

Tgt Ion:178 Resp: 33156
Ion Ratio Lower Upper
178 100
176 20.0 15.3 22.9
179 15.1 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.45 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF075536.D

Acq: 15 Nov 2014 12:32

Instrument :

BNA_F

ClientSampleId :

SB-09(25-27)-111114

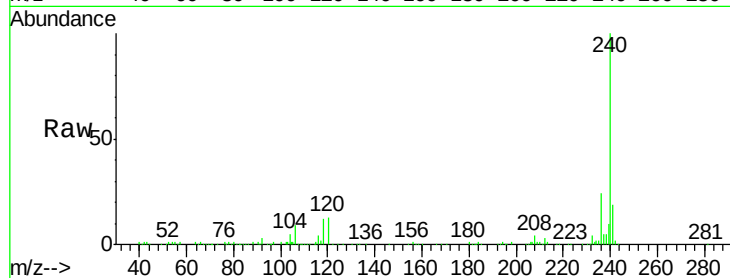
Tot Ion:240 Resp: 224366

Ion Ratio Lower Upper

240 100

120 13.0 9.6 14.4

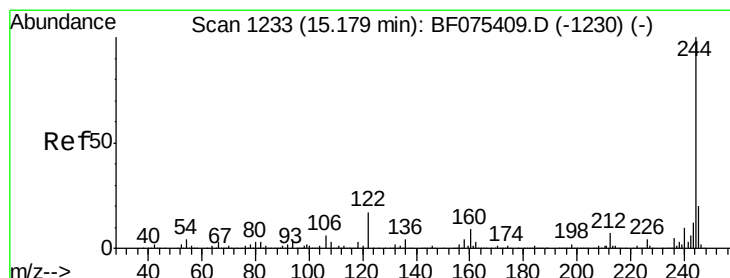
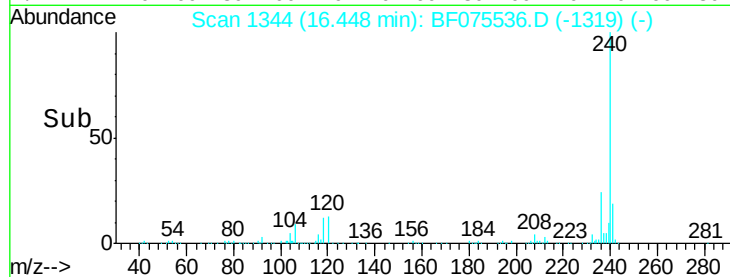
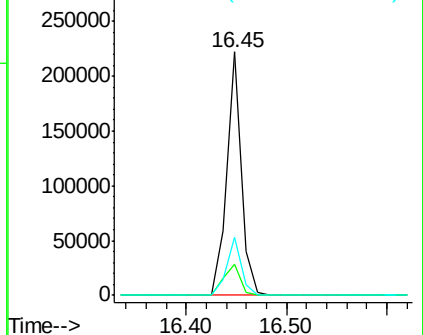
236 24.0 18.9 28.3



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



#78

Terphenyl-d14

Concen: 39.00 ng

RT: 15.16 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF075536.D

Acq: 15 Nov 2014 12:32

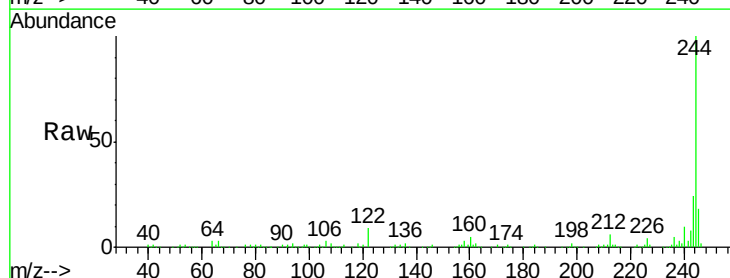
Tgt Ion:244 Resp: 325043

Ion Ratio Lower Upper

244 100

212 5.7 5.5 8.3

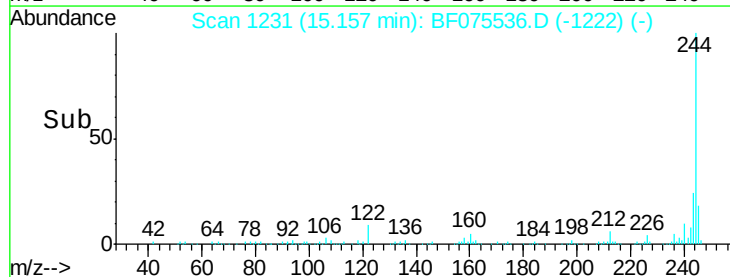
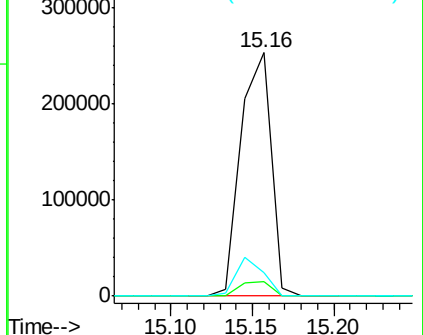
122 9.4 9.7 14.5#

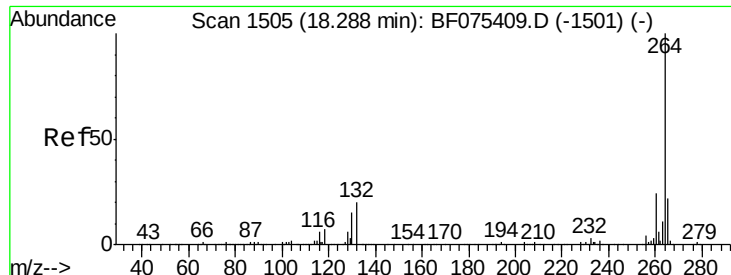


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

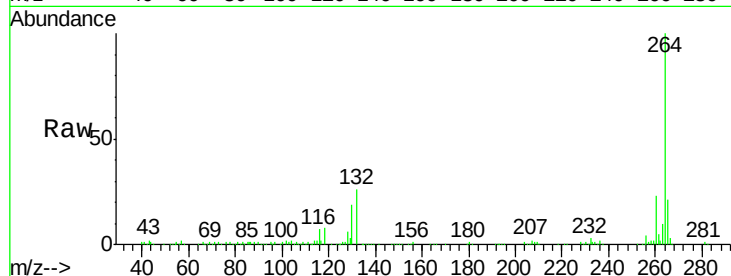




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 18.16 min Scan# 1494
 Delta R.T. -0.07 min
 Lab File: BF075536.D
 Acq: 15 Nov 2014 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-09(25-27)-111114

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.9	26.9
265	21.0	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

