

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 02:37:45 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

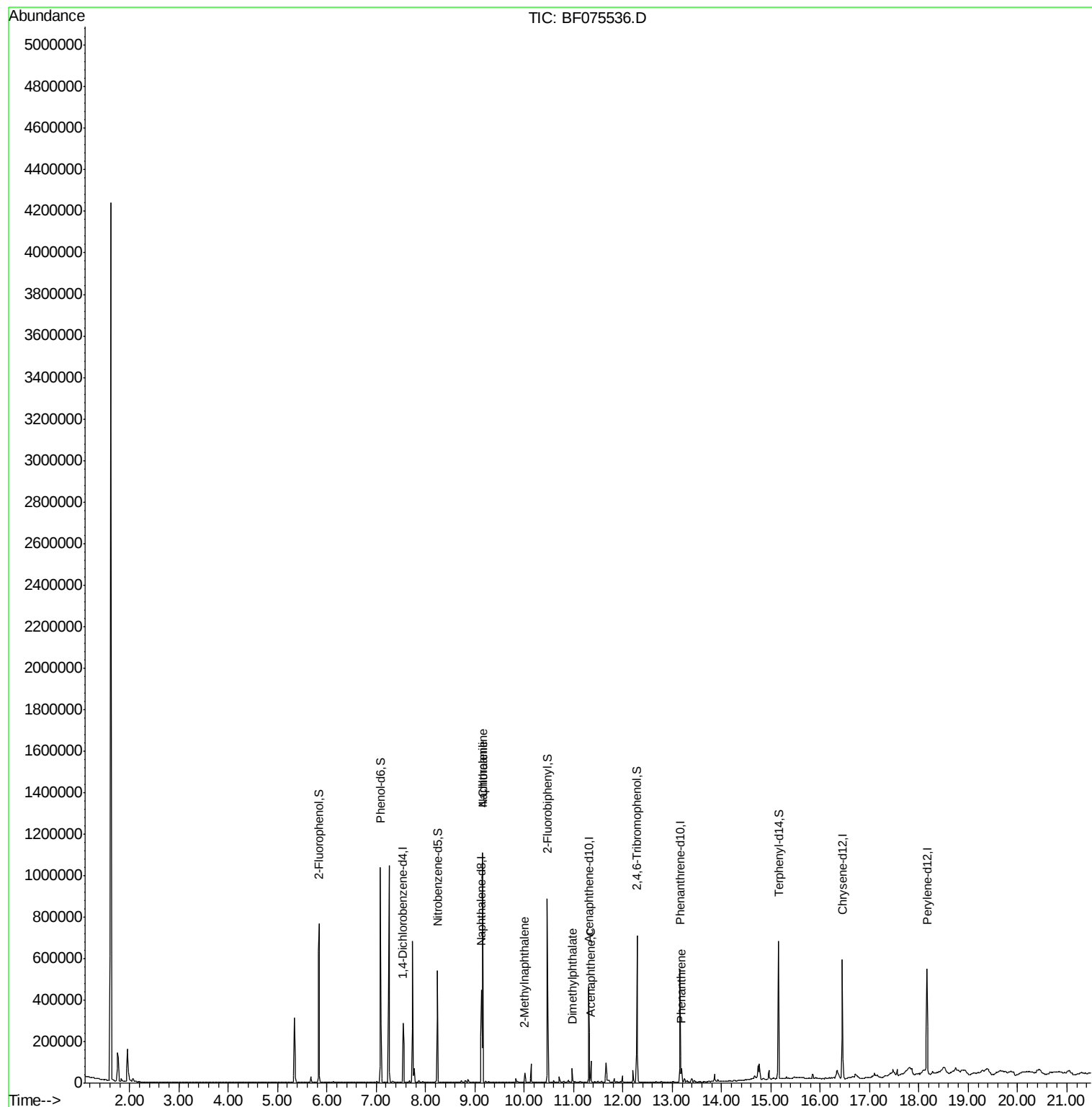
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	55081	20.00	ng	-0.01
21) Naphthalene-d8	9.13	136	233756	20.00	ng	0.00
38) Acenaphthene-d10	11.30	164	117941	20.00	ng	-0.01
63) Phenanthrene-d10	13.16	188	202715	20.00	ng	0.00
75) Chrysene-d12	16.45	240	224366	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
33) 4-Chloroaniline	9.16	127	55886	12.34	ng	# 33
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

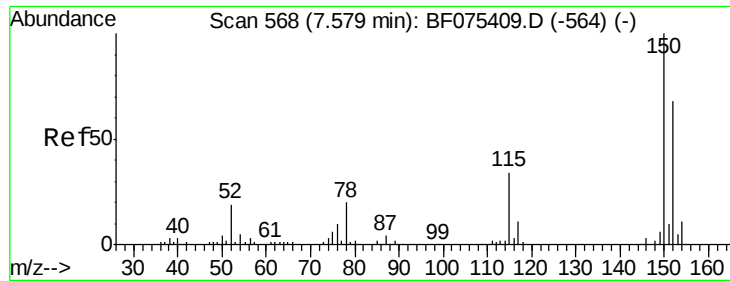
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 16 02:37:45 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





#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 :

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SB-09(25-27)-111114

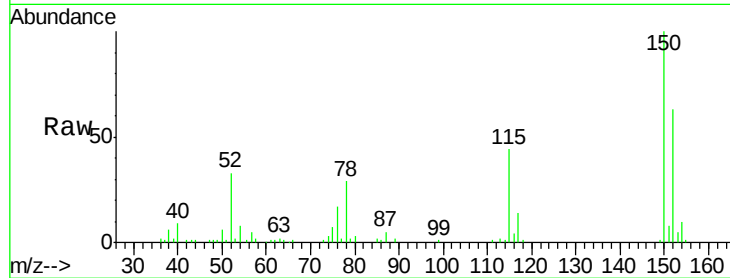
Tgt Ion:152 Resp: 55081

Ion Ratio Lower Upper

152 100

150 158.5 127.2 190.8

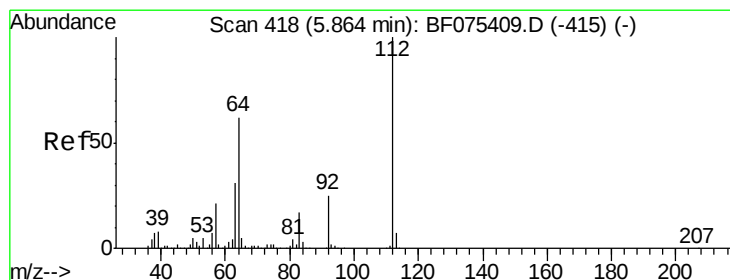
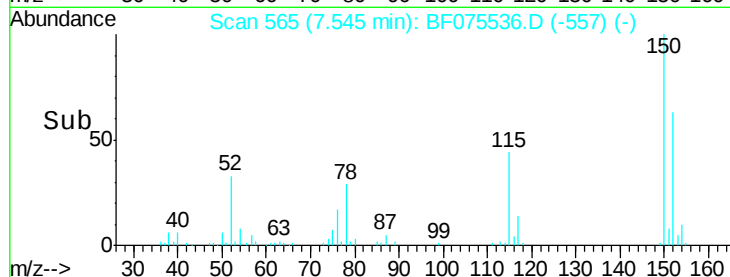
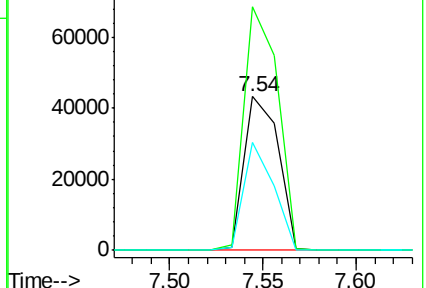
115 70.1 57.1 85.7



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

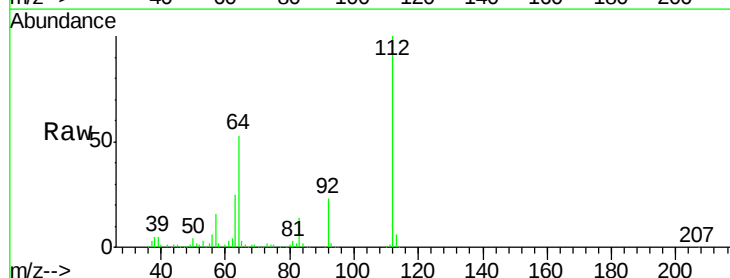
Tgt Ion:112 Resp: 296187

Ion Ratio Lower Upper

112 100

64 53.1 45.8 68.6

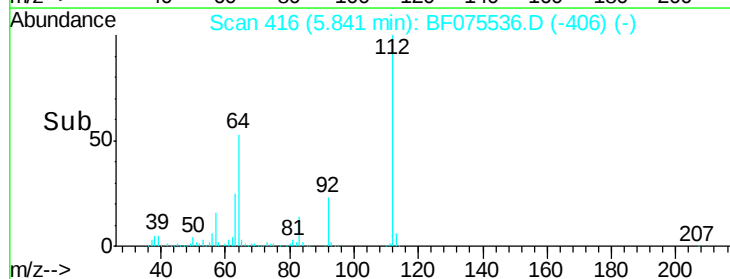
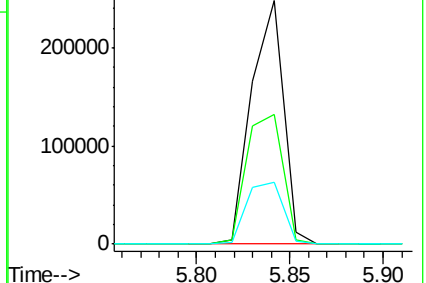
63 25.2 22.7 34.1



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

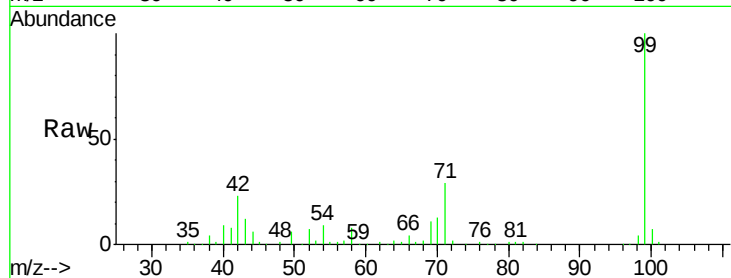
Tgt Ion: 99 Resp: 345865

Ion Ratio Lower Upper

99 100

42 22.7 19.8 29.6

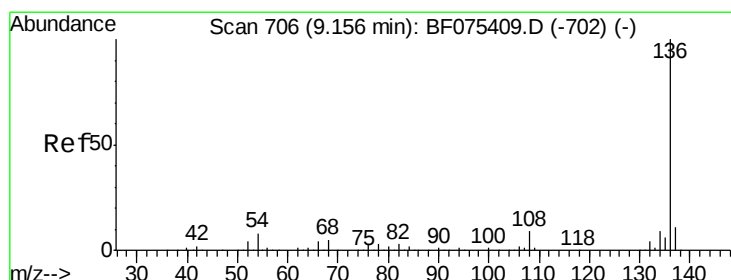
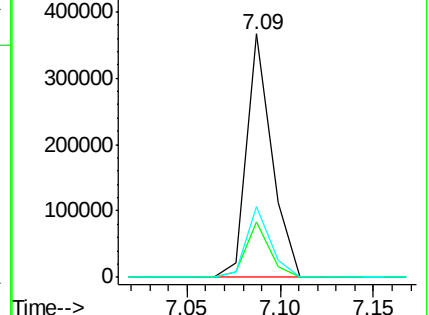
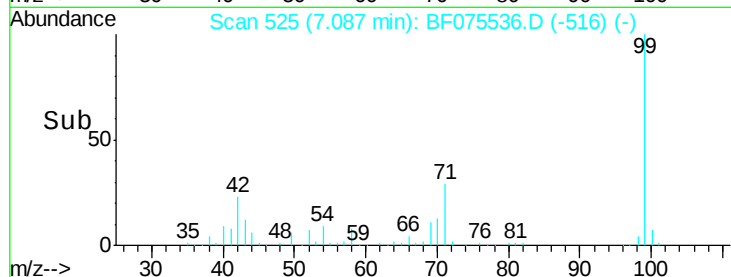
71 28.8 25.5 38.3



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

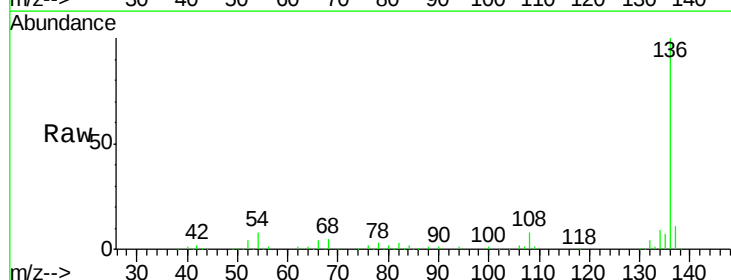
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.4

54 8.0 6.2 9.4

68 5.0 3.4 5.2

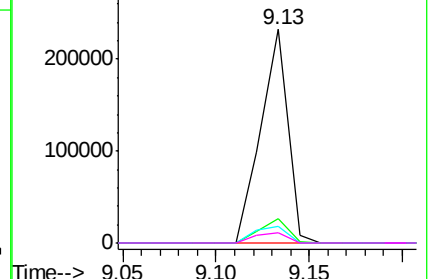
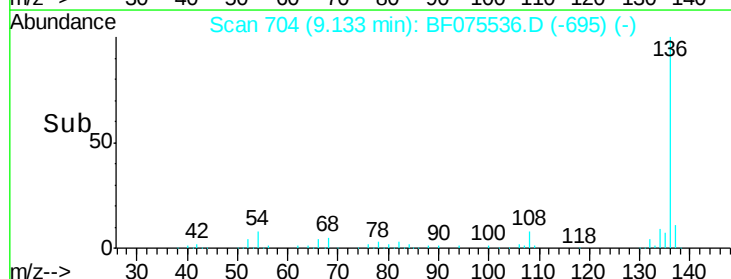


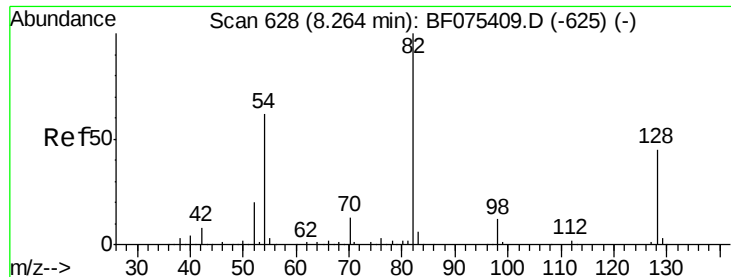
Abundance Ion 136.00 (135.70 to 136.70): E

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

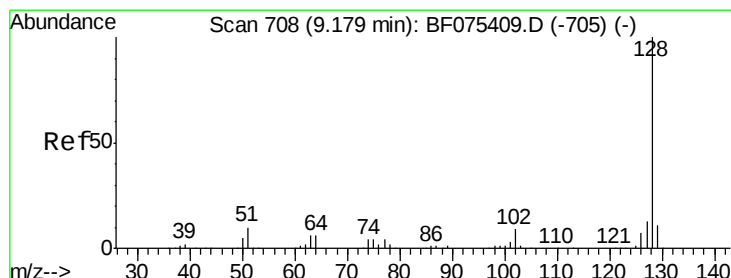
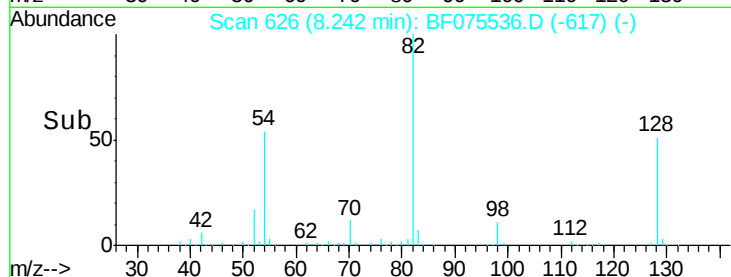
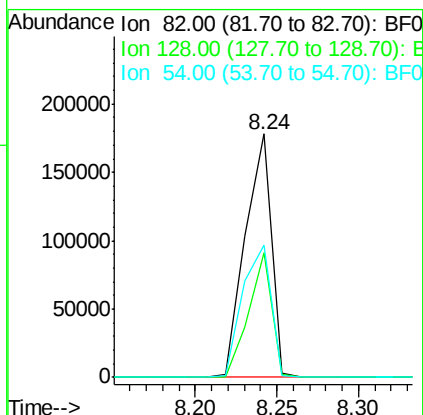
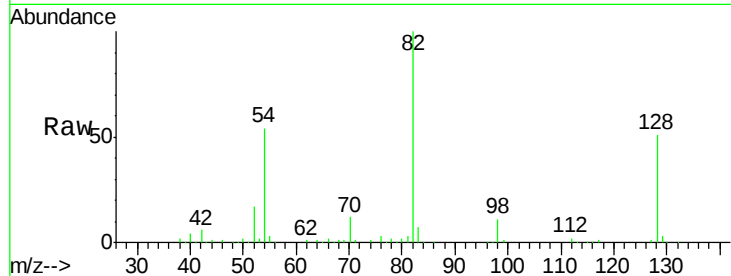




#23
Nitrobenzene-d5
Concen: 61.57 ng
RT: 8.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF075536.D
Acq: 15 Nov 2014 12:32

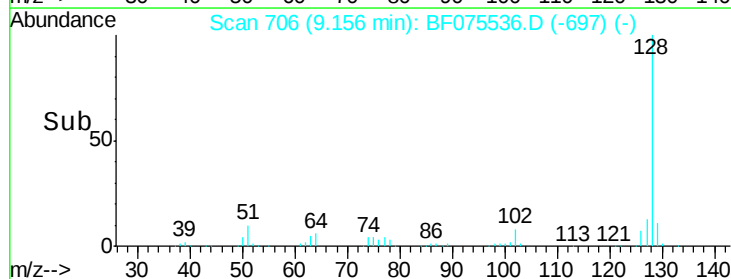
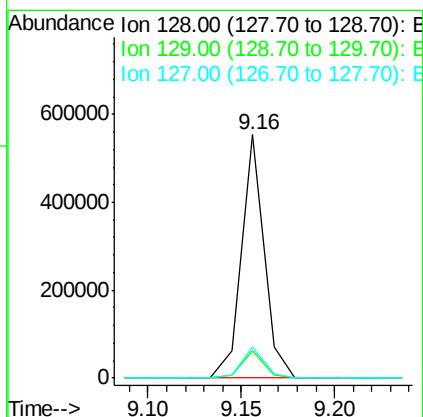
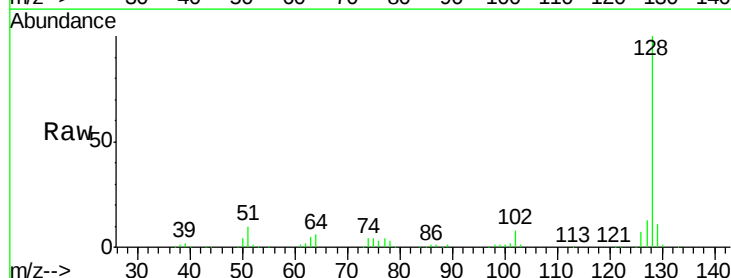
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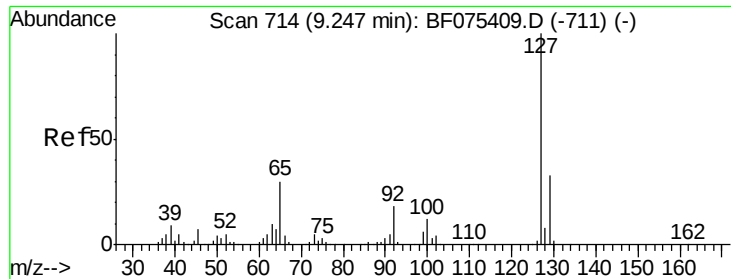
Tgt Ion: 82 Resp: 196314
Ion Ratio Lower Upper
82 100
128 51.3 37.8 56.6
54 54.5 49.8 74.8



#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

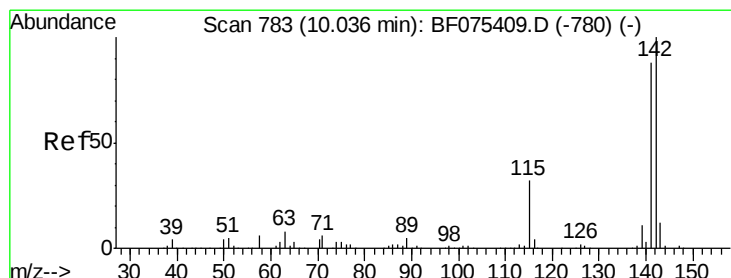
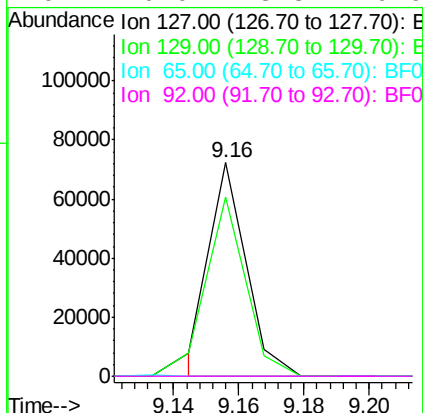
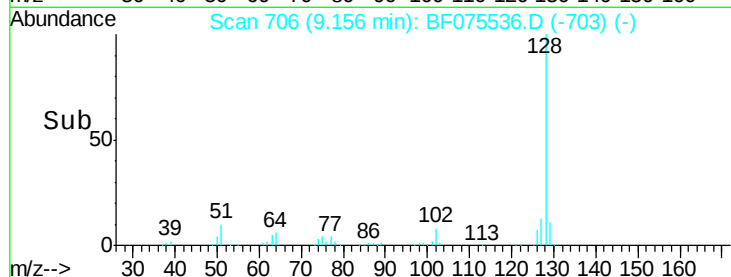
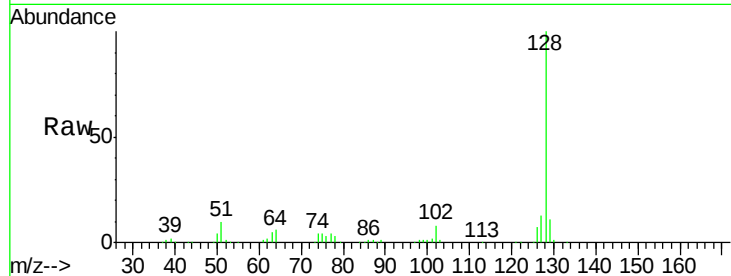




#33
4-Chloroaniline
Concen: 12.34 ng
RT: 9.16 min Scan# 706
Delta R.T. -0.07 min
Lab File: BF075536.D
Acq: 15 Nov 2014 12:32

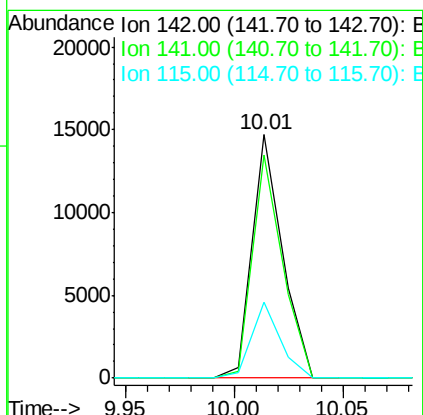
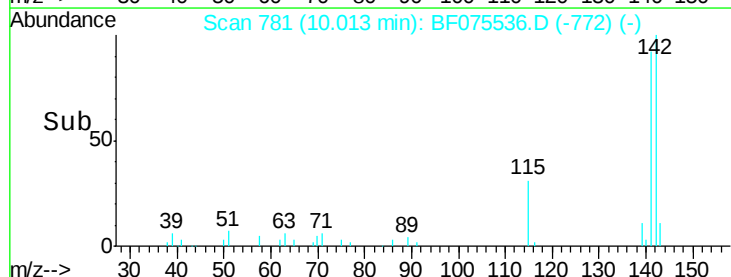
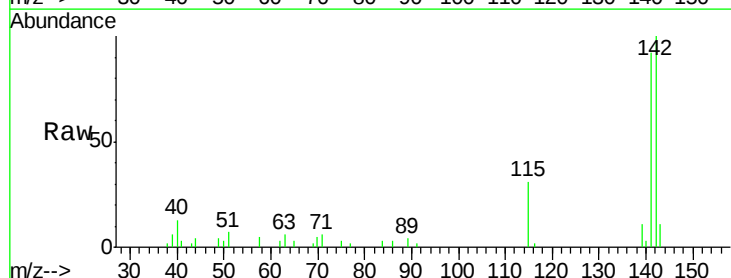
Instrument :
BNA_F
ClientSampleId :
SB-09(25-27)-111114

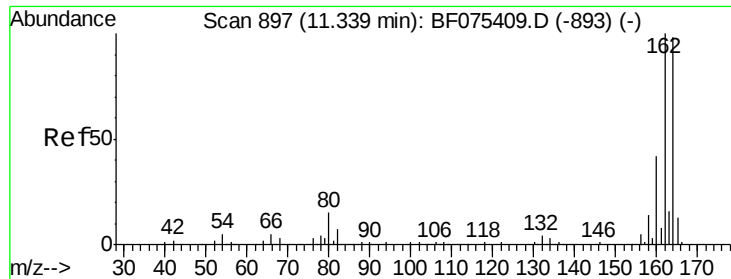
Tgt Ion:	127	Resp:	55886
Ion	Ratio	Lower	Upper
127	100		
129	84.1	25.5	38.3#
65	0.0	22.8	34.2#
92	0.0	13.8	20.6#



#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

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

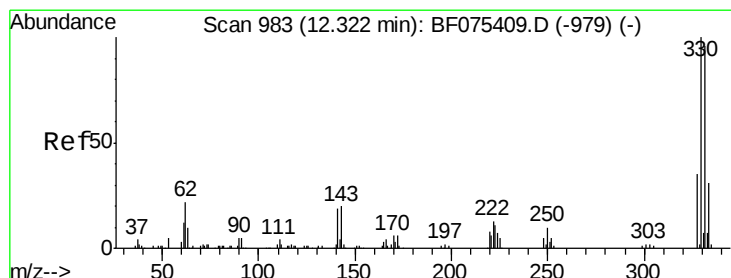
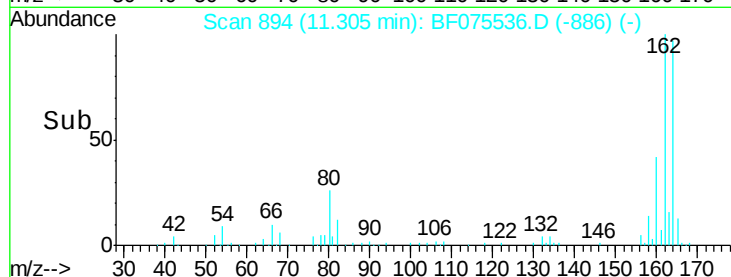
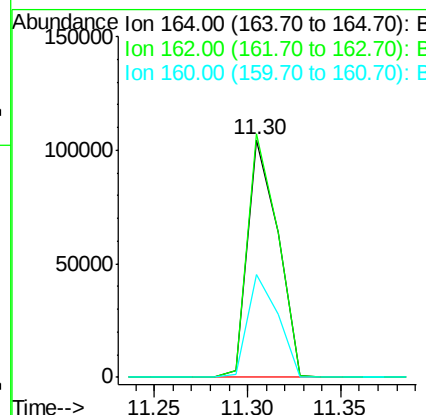
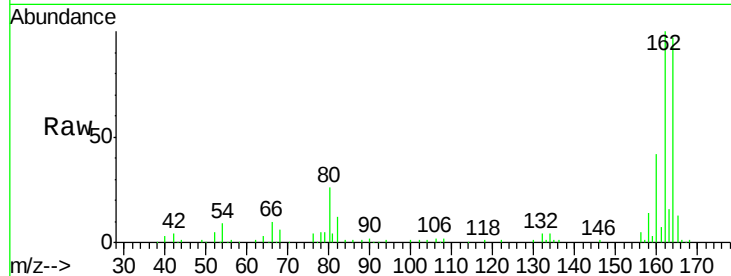




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF075536.D
Acq: 15 Nov 2014 12:32

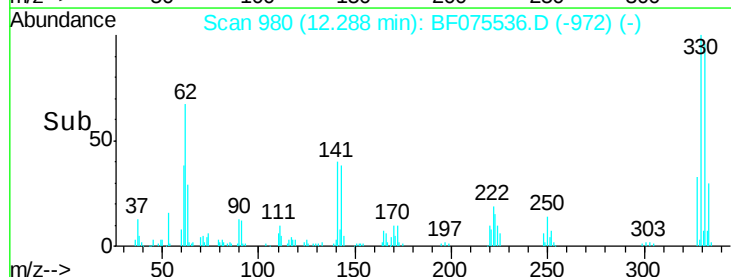
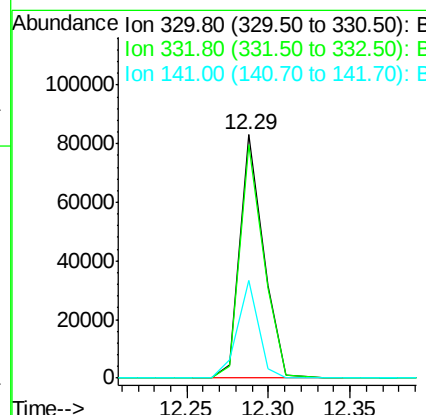
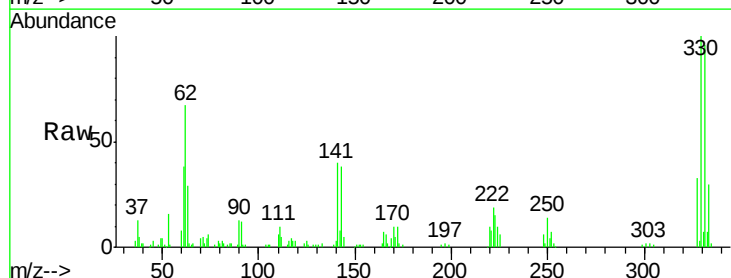
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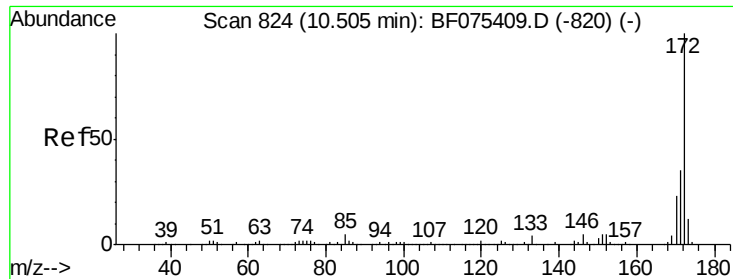
Tgt Ion:164 Resp: 117941
Ion Ratio Lower Upper
164 100
162 102.6 79.1 118.7
160 43.3 34.6 51.8



#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

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

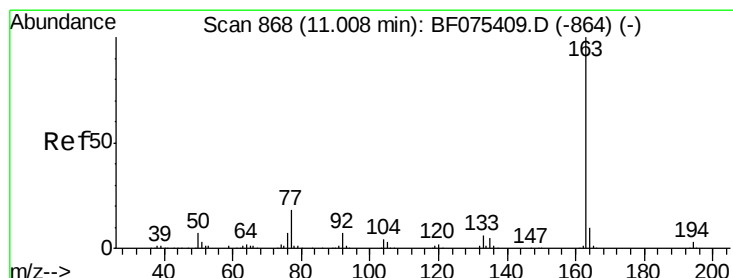
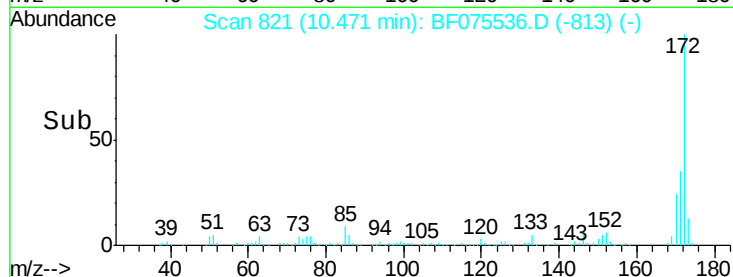
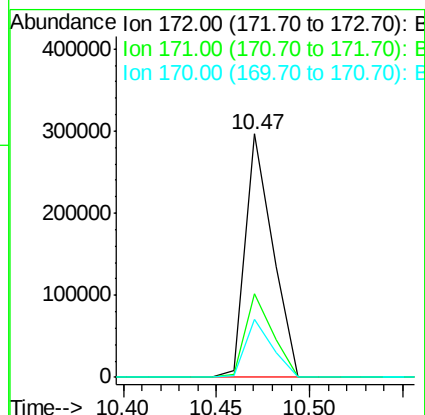
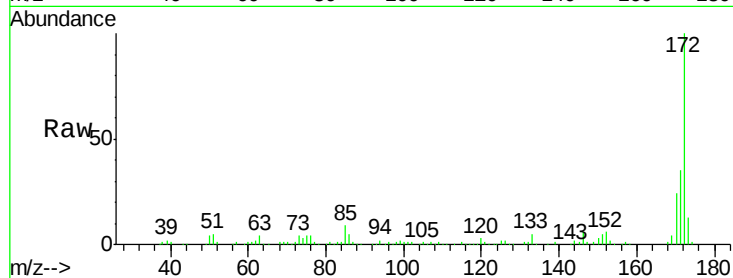




#44
 2-Fluorobiphenyl
 Concen: 46.40 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF075536.D
 Acq: 15 Nov 2014 12:32

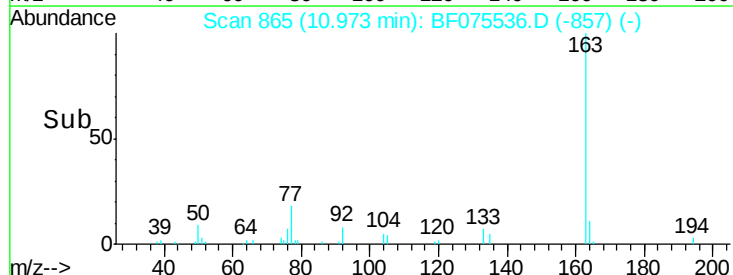
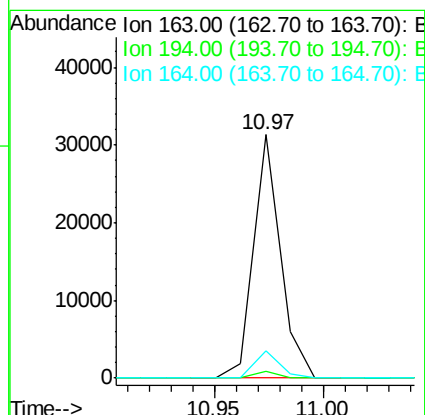
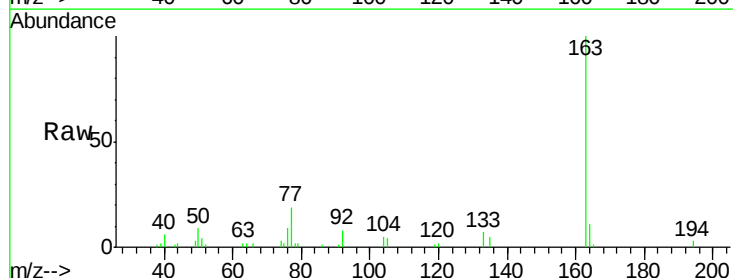
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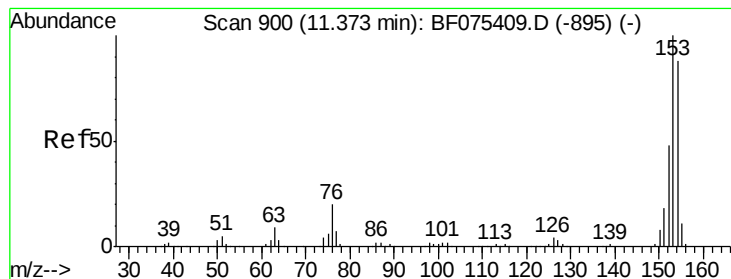
Tgt Ion:172 Resp: 302877
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.3 40.9
 170 23.6 18.4 27.6



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

SB-09(25-27)-111114

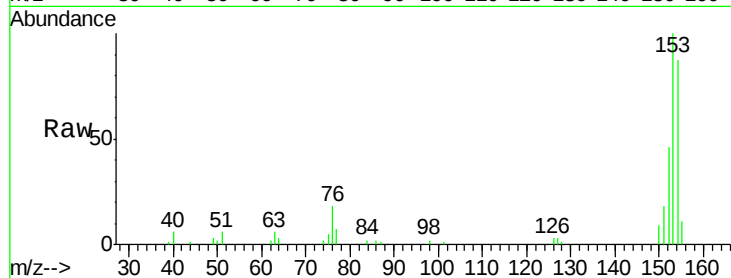
Tgt Ion:154 Resp: 23815

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

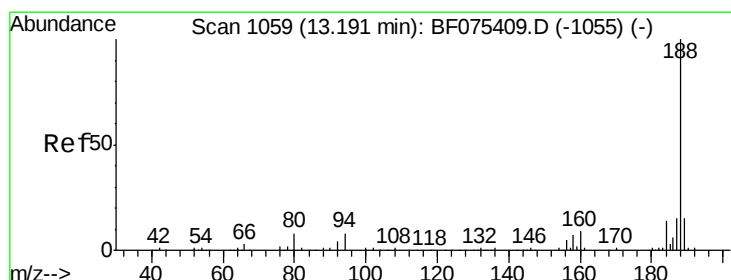
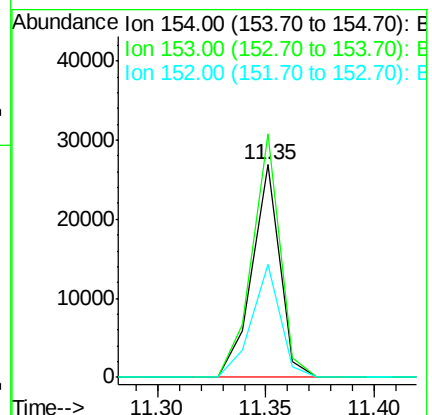
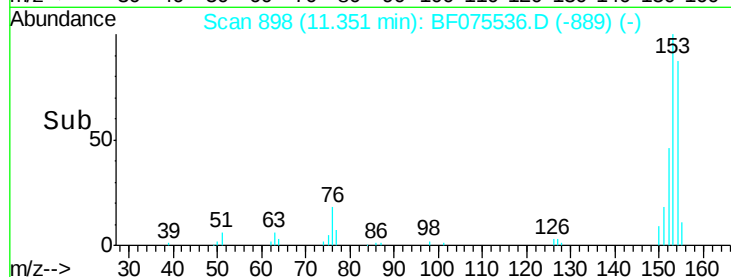
152 53.0 43.4 65.0



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

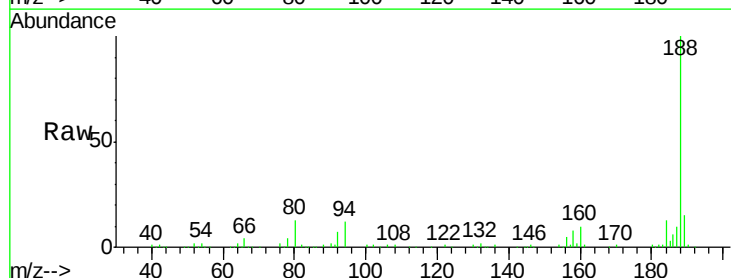
Tgt Ion:188 Resp: 202715

Ion Ratio Lower Upper

188 100

94 12.3 7.8 11.6#

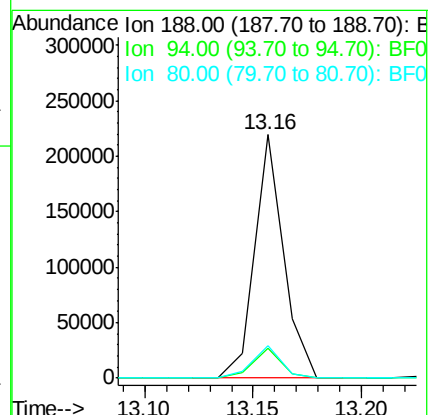
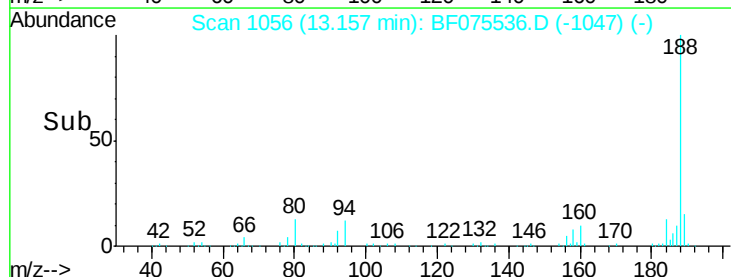
80 13.2 8.0 12.0#

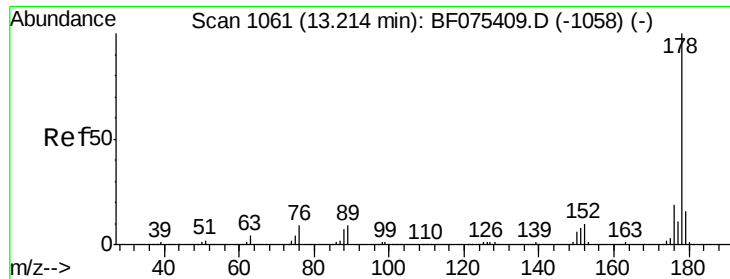


Abundance Ion 188.00 (187.70 to 188.70): E

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

Instrument :

BNA_F

ClientSampleId :

SB-09(25-27)-111114

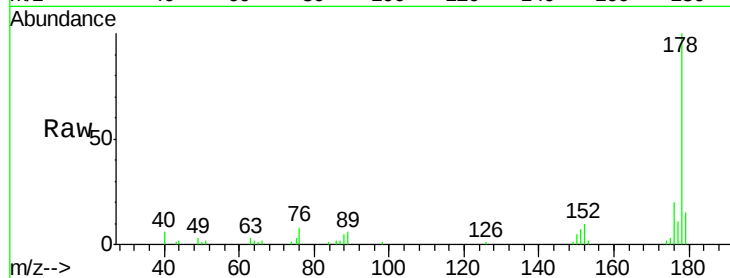
Tgt Ion:178 Resp: 33156

Ion Ratio Lower Upper

178 100

176 20.0 15.3 22.9

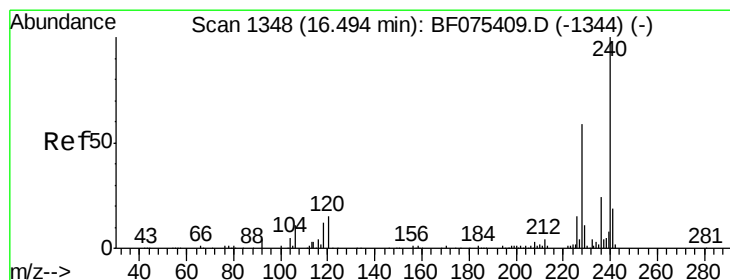
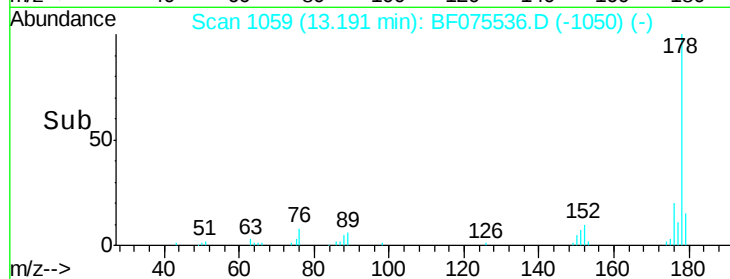
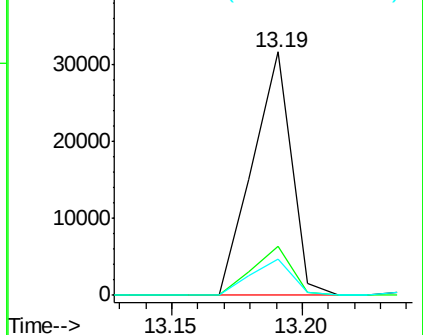
179 15.1 12.2 18.4



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

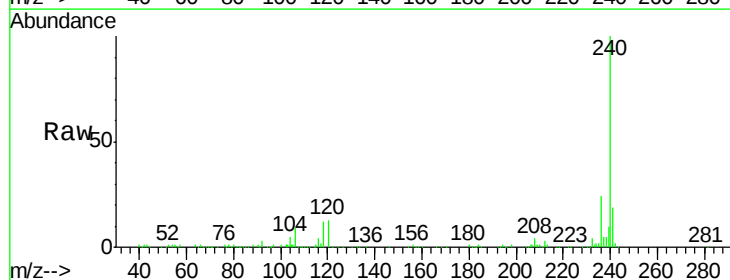
Tgt Ion:240 Resp: 224366

Ion Ratio Lower Upper

240 100

120 13.0 9.6 14.4

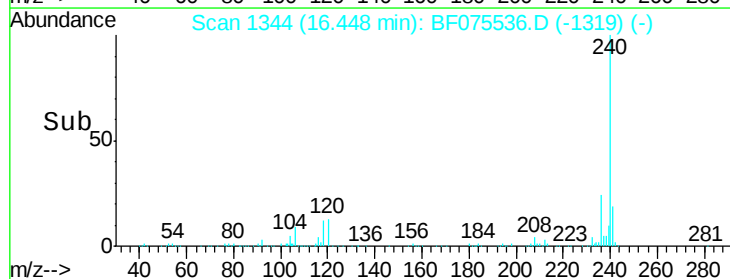
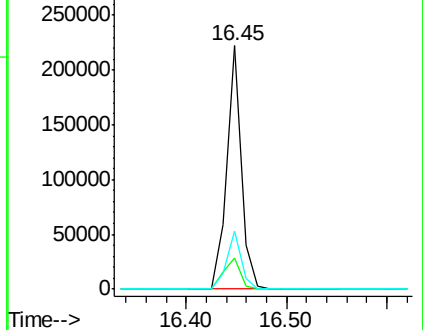
236 24.0 18.9 28.3

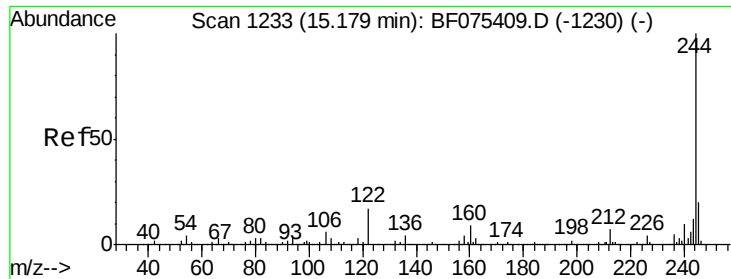


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

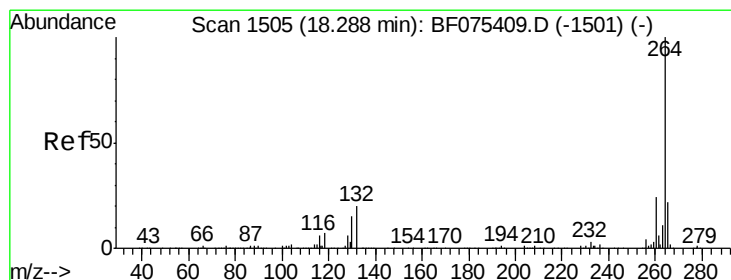
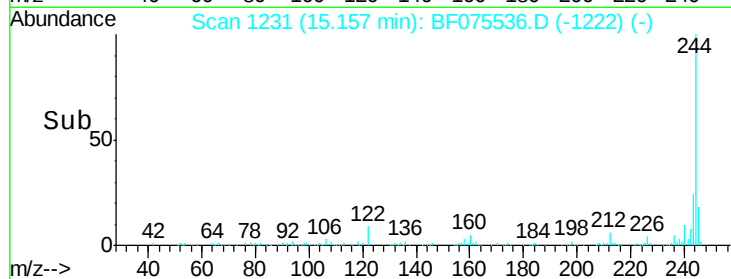
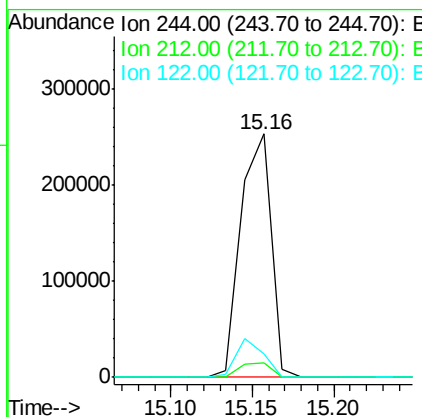
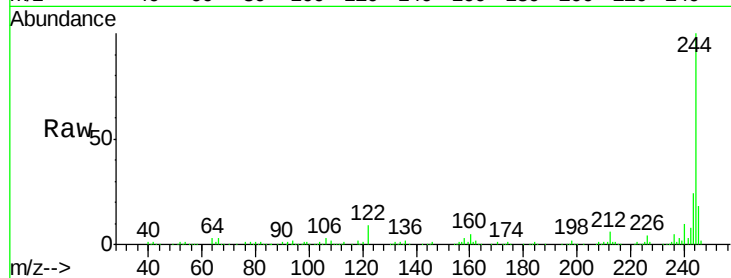




#78
 Terphenyl-d14
 Concen: 39.00 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF075536.D
 Acq: 15 Nov 2014 12:32

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

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#



#86
 Perylene-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

Tgt Ion: 264 Resp: 227279
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.9 26.9
 265 21.0 16.3 24.5

