

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075548.D
 Acq On : 15 Nov 2014 18:39
 Operator : TP / JJ
 Sample : F4695-02
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-75(15-20)

Quant Time: Nov 16 06:11:38 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 18:46:55 2014
 Response via : Initial Calibration

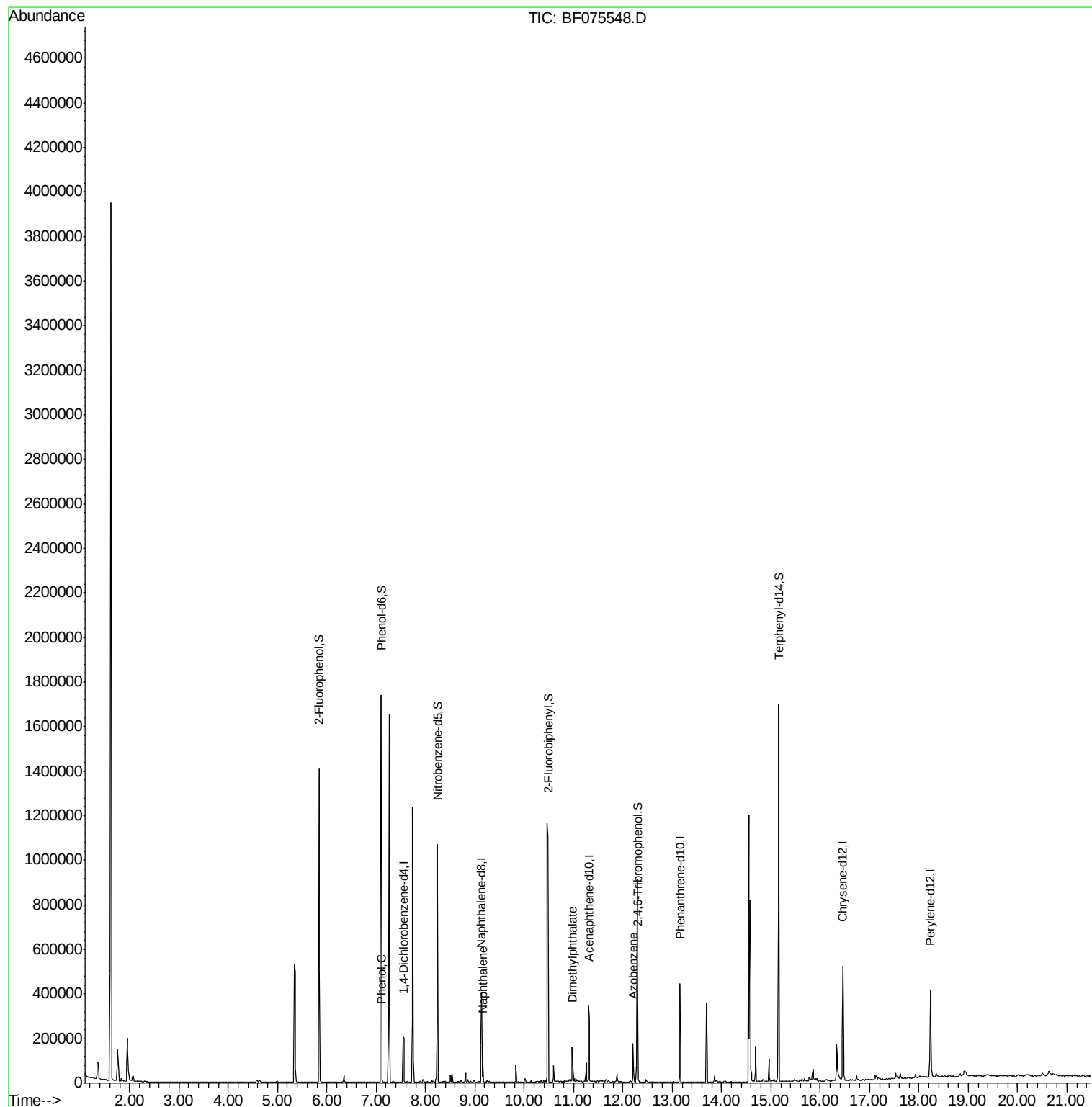
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	48236	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	203129	20.00	ng	-0.02
38) Acenaphthene-d10	11.30	164	103384	20.00	ng	-0.03
63) Phenanthrene-d10	13.16	188	175524	20.00	ng	-0.03
75) Chrysene-d12	16.46	240	198024	20.00	ng	-0.08
86) Perylene-d12	18.23	264	204779	20.00	ng	-0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	429278	157.22	ng	-0.02
7) Phenol-d6	7.10	99	547833	166.85	ng	-0.01
23) Nitrobenzene-d5	8.24	82	320486	115.67	ng	-0.02
41) 2,4,6-Tribromophenol	12.30	330	127879	147.68	ng	-0.02
44) 2-Fluorobiphenyl	10.48	172	563929	98.57	ng	-0.01
78) Terphenyl-d14	15.16	244	609649	82.88	ng	-0.03
Target Compounds						
10) Phenol	7.11	94	11333	2.83	ng	Qvalue 94
31) Naphthalene	9.16	128	32868	3.63	ng	98
49) Dimethylphthalate	10.97	163	64273	9.09	ng	# 96
62) Azobenzene	12.21	77	29986	4.65	ng	# 1

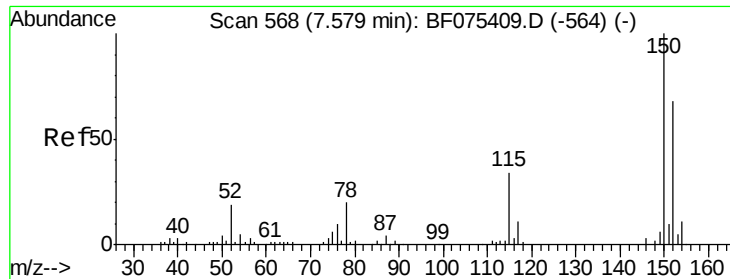
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-75(15-20)

Quant Time: Nov 16 06:11:38 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

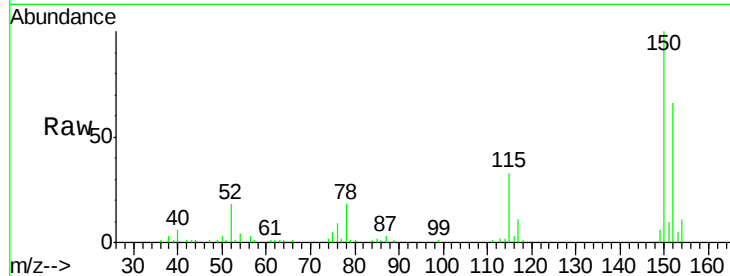




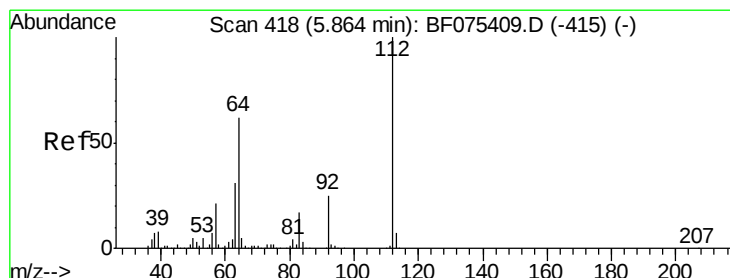
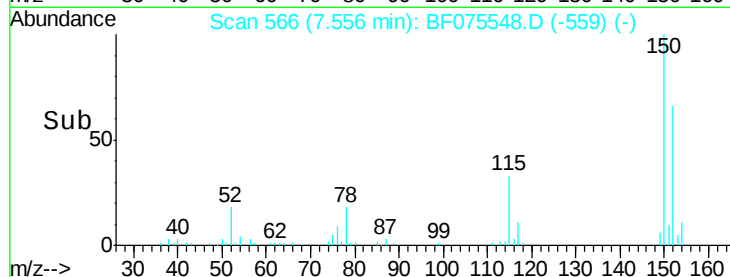
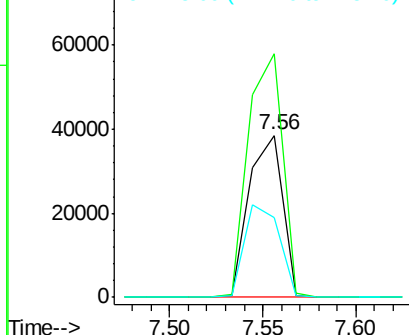
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.56 min Scan# 566
 Delta R.T. -0.02 min
 Lab File: BF075548.D
 Acq: 15 Nov 2014 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-75(15-20)

Tgt Ion:152 Resp: 48236
 Ion Ratio Lower Upper
 152 100
 150 150.6 127.2 190.8
 115 49.6 57.1 85.7#

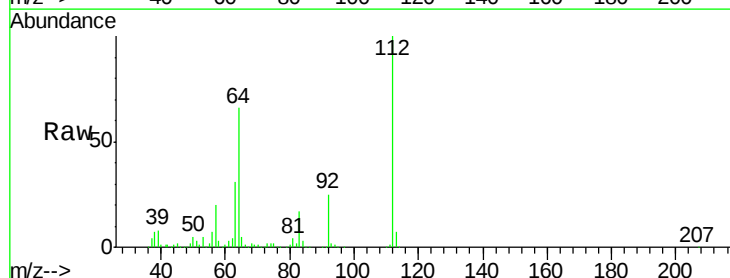


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

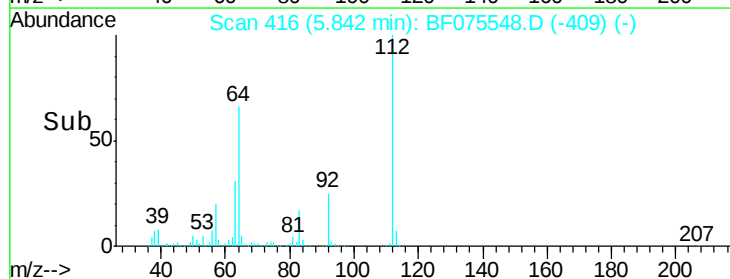
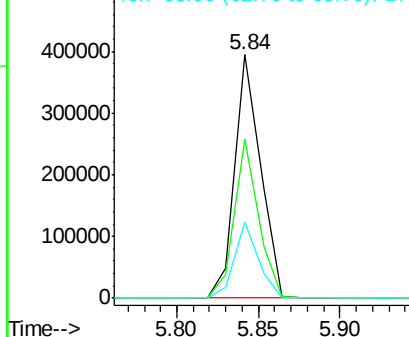


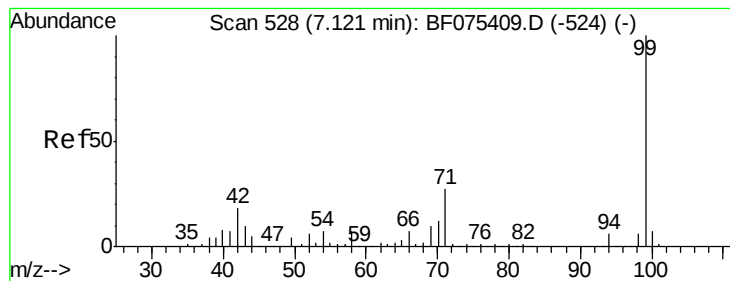
#5
 2-Fluorophenol
 Concen: 157.22 ng
 RT: 5.84 min Scan# 416
 Delta R.T. -0.02 min
 Lab File: BF075548.D
 Acq: 15 Nov 2014 18:39

Tgt Ion:112 Resp: 429278
 Ion Ratio Lower Upper
 112 100
 64 65.6 45.8 68.6
 63 31.1 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: 166.85 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF075548.D

Acq: 15 Nov 2014 18:39

Instrument :

BNA_F

ClientSampleId :

SB-75(15-20)

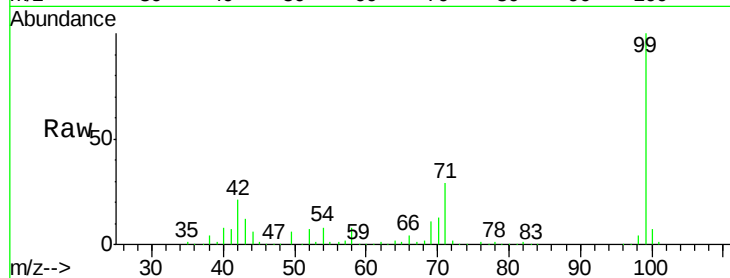
Tgt Ion: 99 Resp: 547833

Ion Ratio Lower Upper

99 100

42 21.2 19.8 29.6

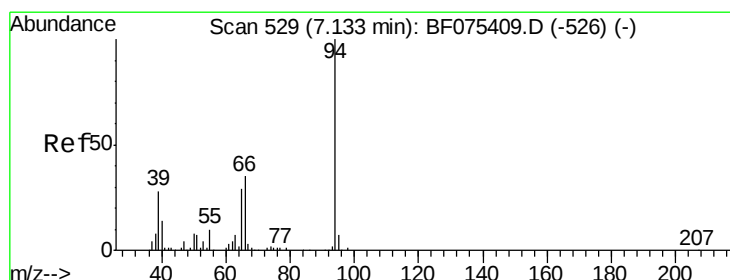
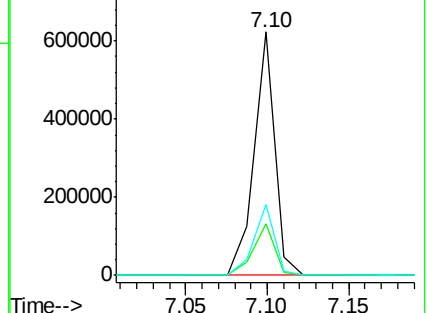
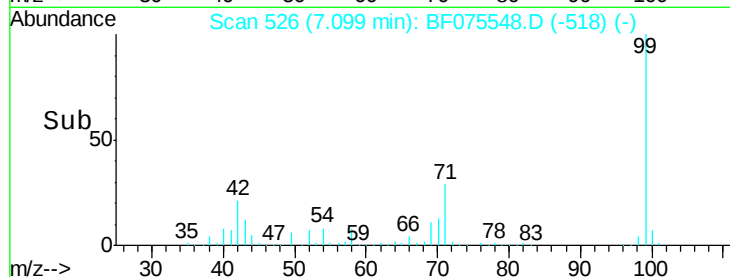
71 29.3 25.5 38.3



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



#10

Phenol

Concen: 2.83 ng

RT: 7.11 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF075548.D

Acq: 15 Nov 2014 18:39

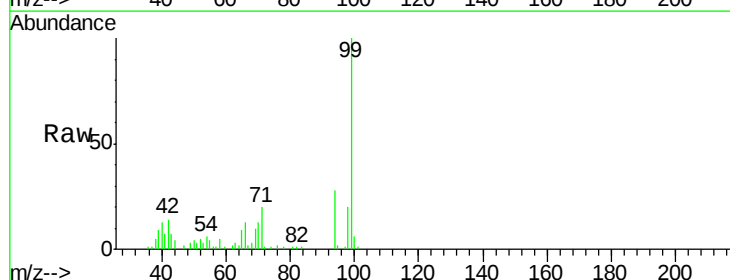
Tgt Ion: 94 Resp: 11333

Ion Ratio Lower Upper

94 100

65 30.8 13.1 53.1

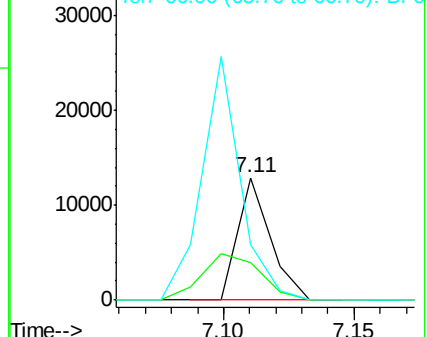
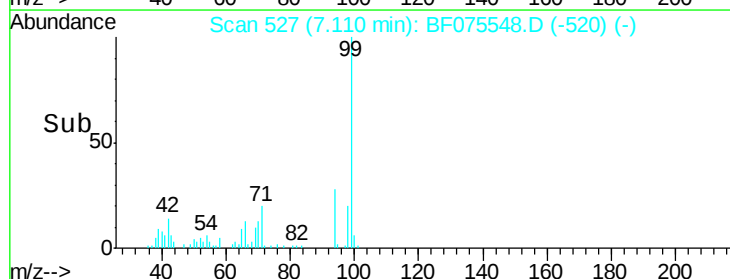
66 45.4 20.8 60.8

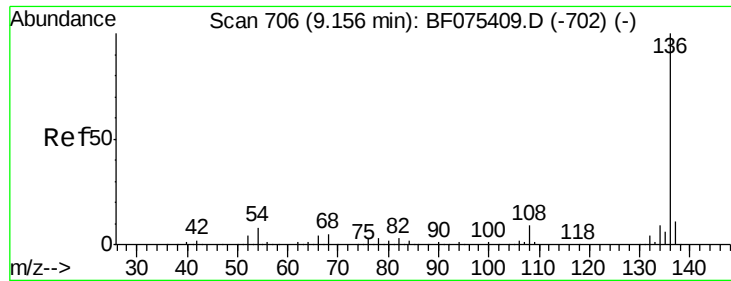


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

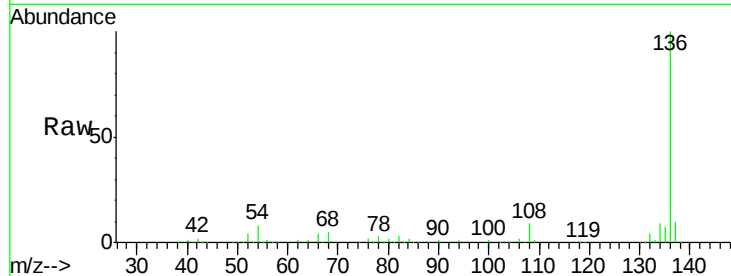




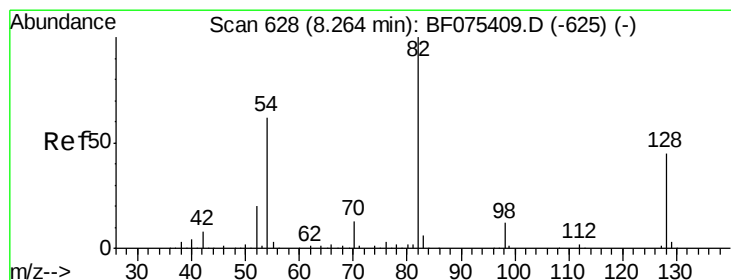
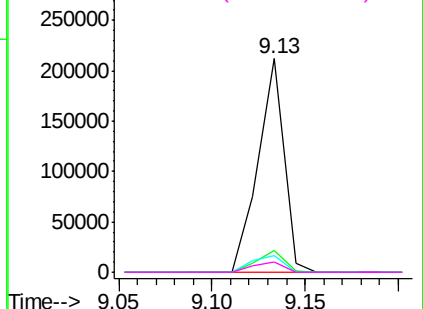
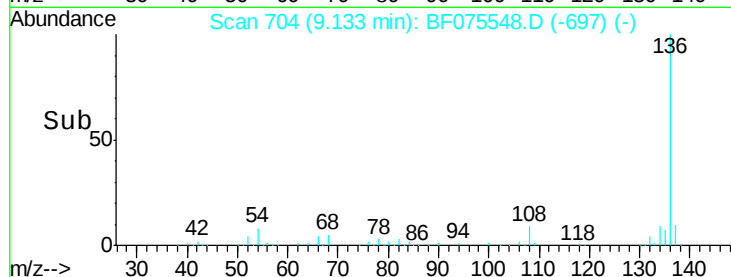
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF075548.D
Acq: 15 Nov 2014 18:39

Instrument :
BNA_F
ClientSampleId :
SB-75(15-20)

Tgt Ion:	136	Resp:	203129
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.4
54	7.8	6.2	9.4
68	4.8	3.4	5.2

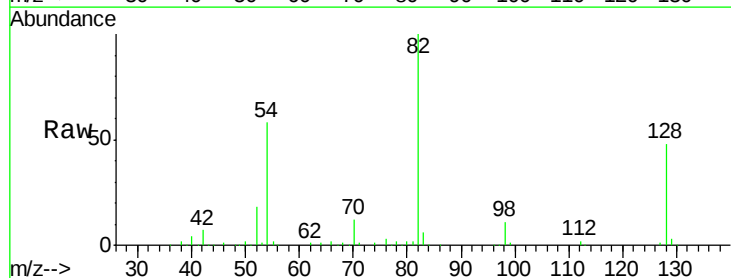


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

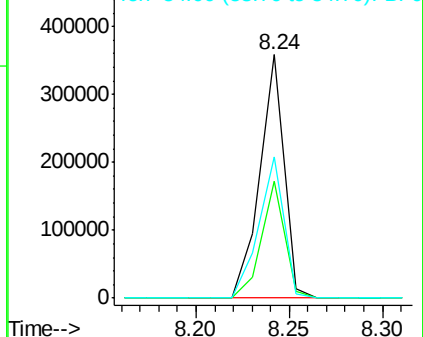
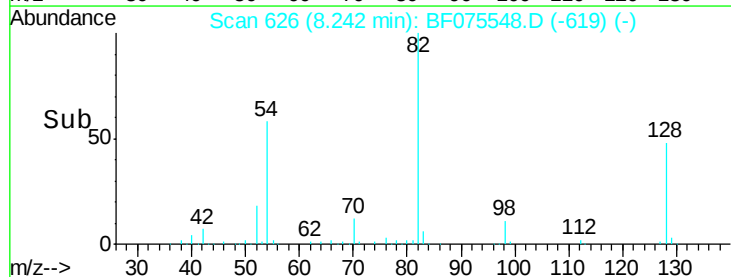


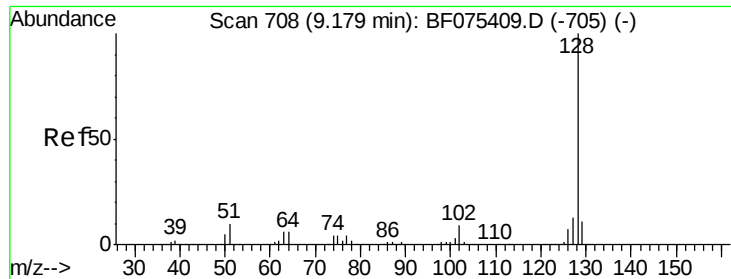
#23
Nitrobenzene-d5
Concen: 115.67 ng
RT: 8.24 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF075548.D
Acq: 15 Nov 2014 18:39

Tgt Ion:	82	Resp:	320486
Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.8	56.6
54	58.2	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

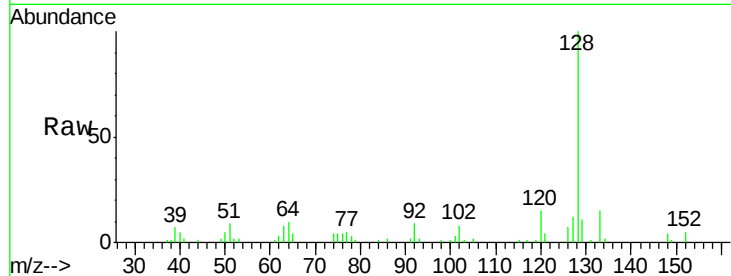




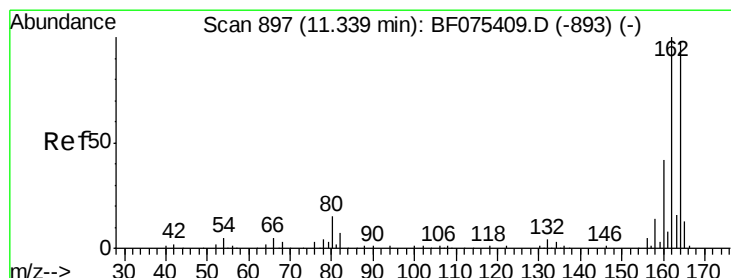
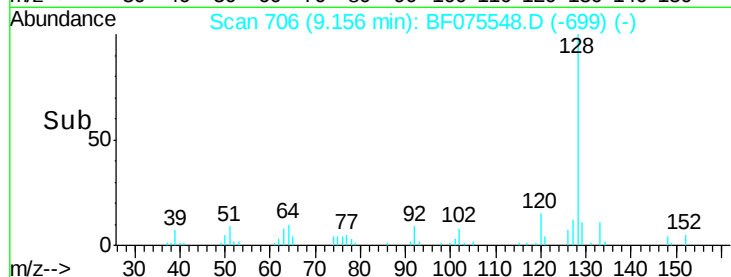
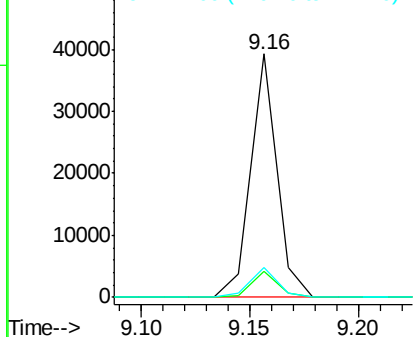
#31
Naphthalene
Concen: 3.63 ng
RT: 9.16 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF075548.D
Acq: 15 Nov 2014 18:39

Instrument :
BNA_F
ClientSampleId :
SB-75(15-20)

Tgt Ion:128 Resp: 32868
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 12.2 10.2 15.4

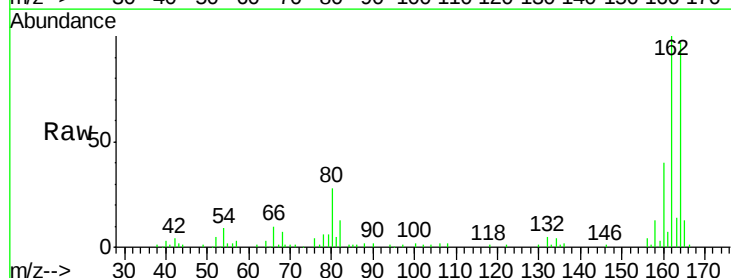


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

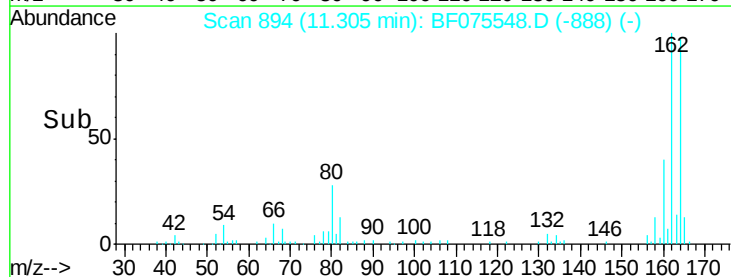
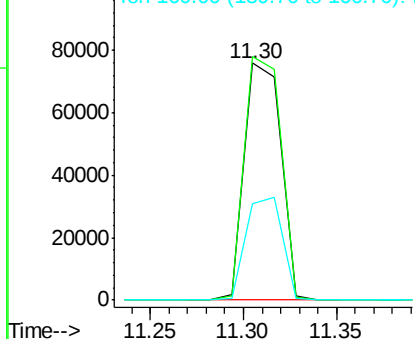


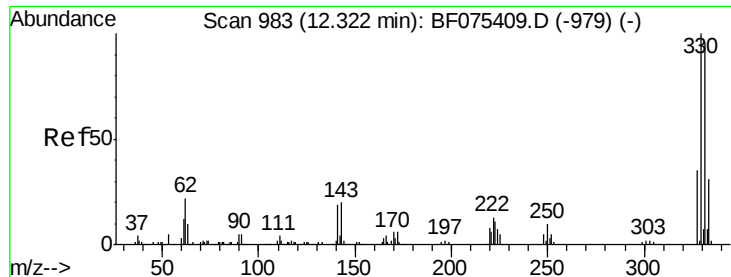
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 894
Delta R.T. -0.03 min
Lab File: BF075548.D
Acq: 15 Nov 2014 18:39

Tgt Ion:164 Resp: 103384
Ion Ratio Lower Upper
164 100
162 102.9 79.1 118.7
160 41.0 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

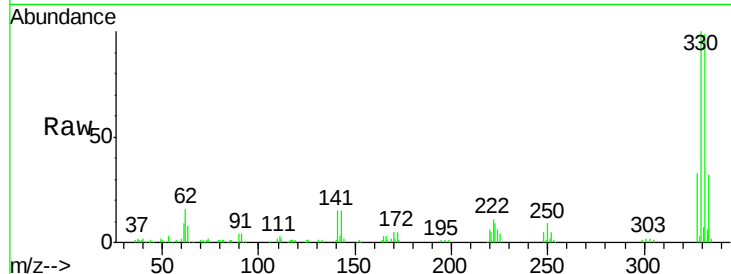




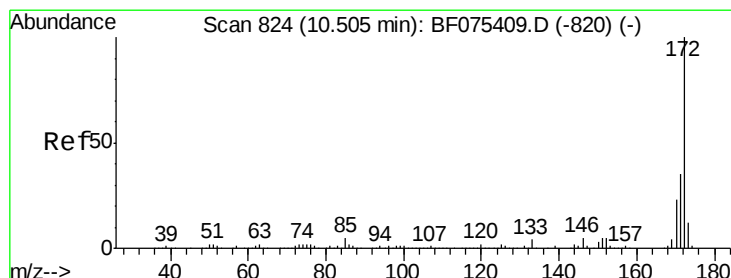
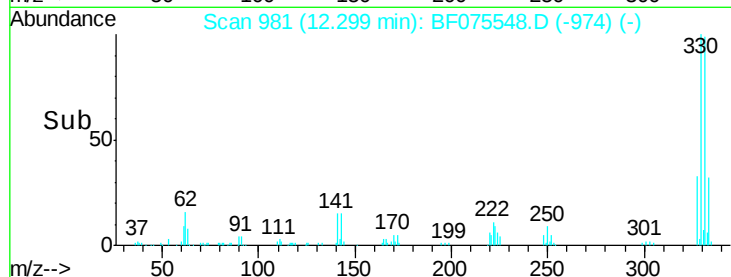
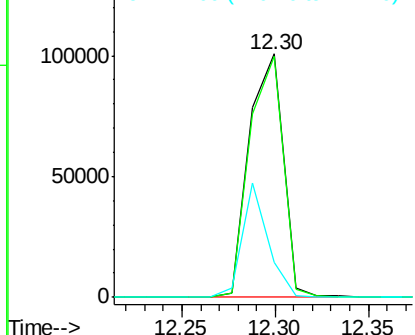
#41
 2,4,6-Tribromophenol
 Concen: 147.68 ng
 RT: 12.30 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BF075548.D
 Acq: 15 Nov 2014 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-75(15-20)

Tgt Ion:330 Resp: 127879
 Ion Ratio Lower Upper
 330 100
 332 97.8 74.5 111.7
 141 35.6 30.7 46.1

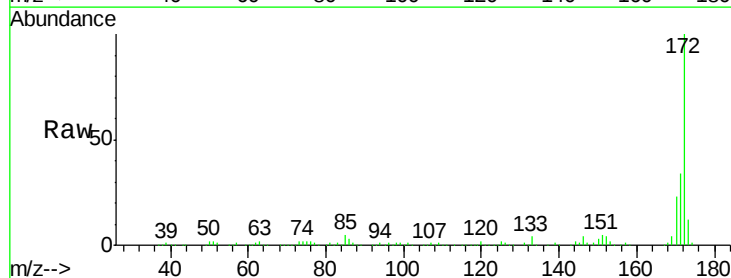


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

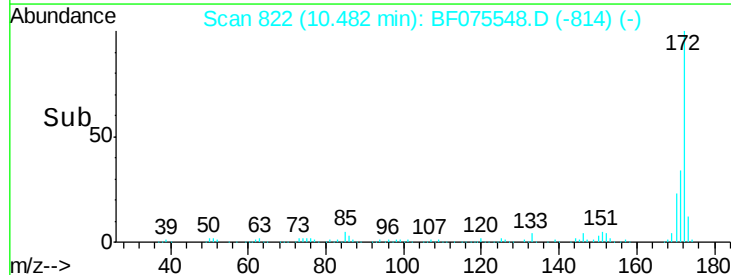
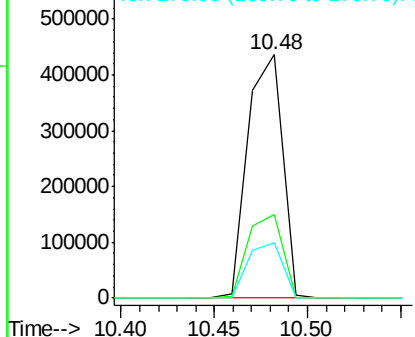


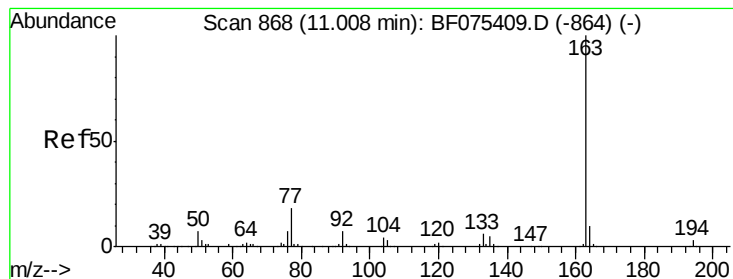
#44
 2-Fluorobiphenyl
 Concen: 98.57 ng
 RT: 10.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF075548.D
 Acq: 15 Nov 2014 18:39

Tgt Ion:172 Resp: 563929
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.3 40.9
 170 22.7 18.4 27.6



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: 9.09 ng

RT: 10.97 min Scan# 865

Delta R.T. -0.03 min

Lab File: BF075548.D

Acq: 15 Nov 2014 18:39

Instrument :

BNA_F

ClientSampleId :

SB-75(15-20)

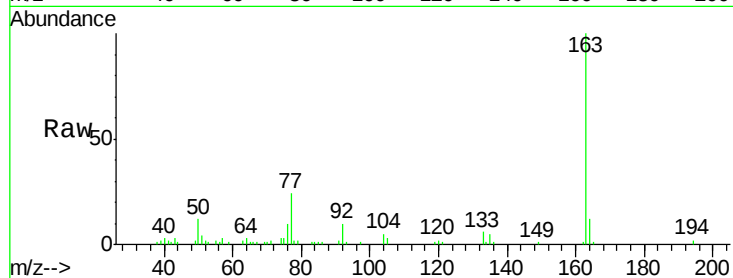
Tgt Ion:163 Resp: 64273

Ion Ratio Lower Upper

163 100

194 2.4 2.7 4.1#

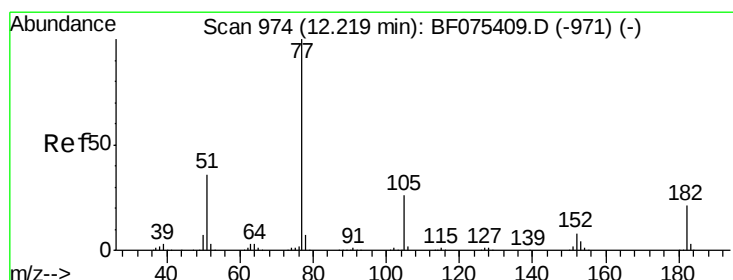
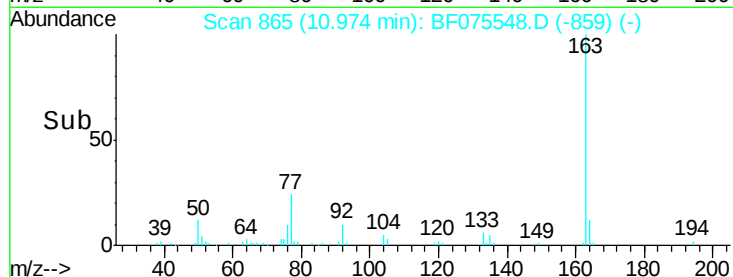
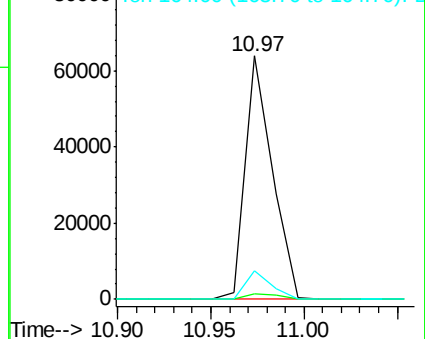
164 11.5 8.0 12.0



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



#62

Azobenzene

Concen: 4.65 ng

RT: 12.21 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF075548.D

Acq: 15 Nov 2014 18:39

Tgt Ion: 77 Resp: 29986

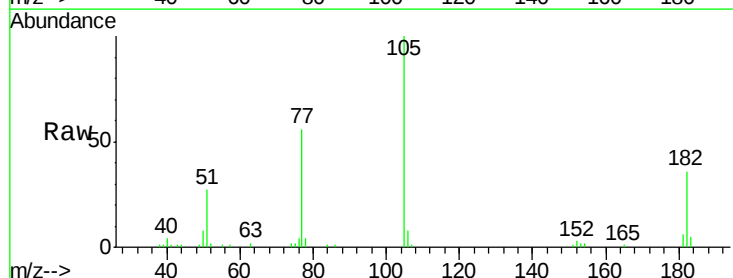
Ion Ratio Lower Upper

77 100

182 64.3 0.0 37.1#

105 178.3 3.7 43.7#

51 48.0 18.7 58.7

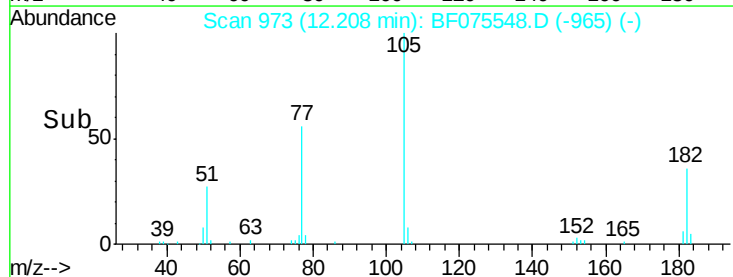
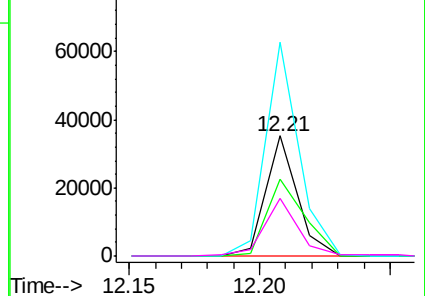


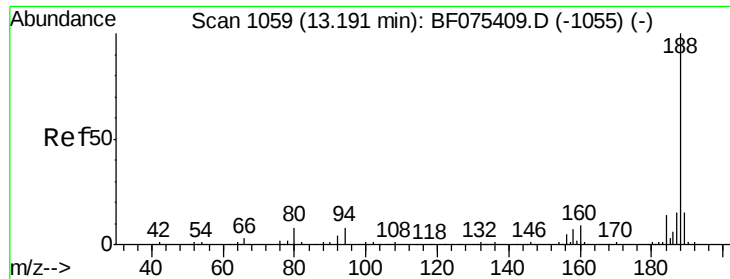
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

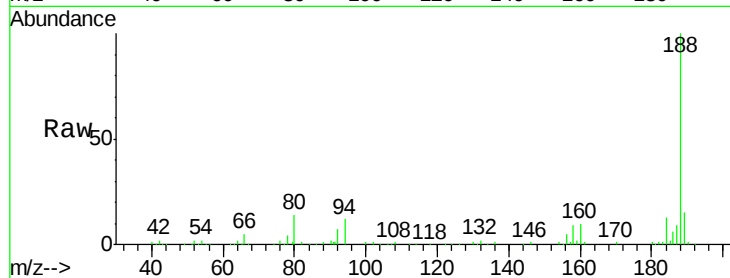




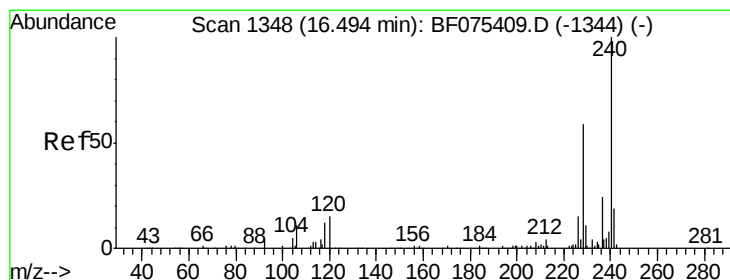
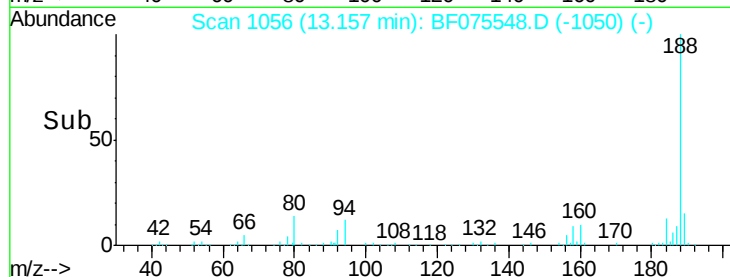
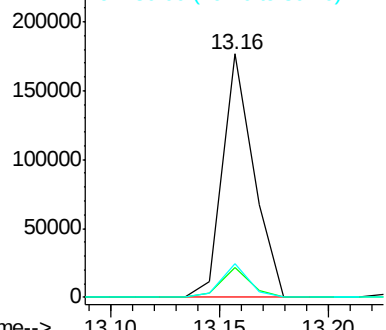
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BF075548.D
Acq: 15 Nov 2014 18:39

Instrument :
BNA_F
ClientSampleId :
SB-75(15-20)

Tgt Ion:188 Resp: 175524
Ion Ratio Lower Upper
188 100
94 12.3 7.8 11.6#
80 13.8 8.0 12.0#

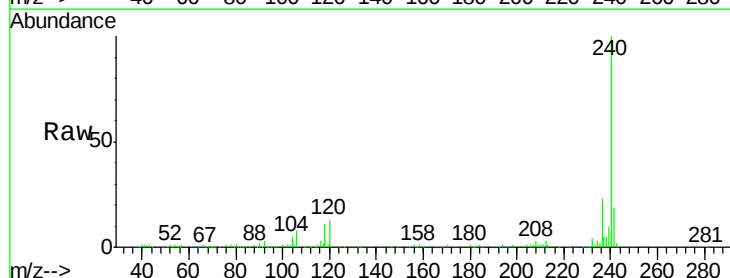


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

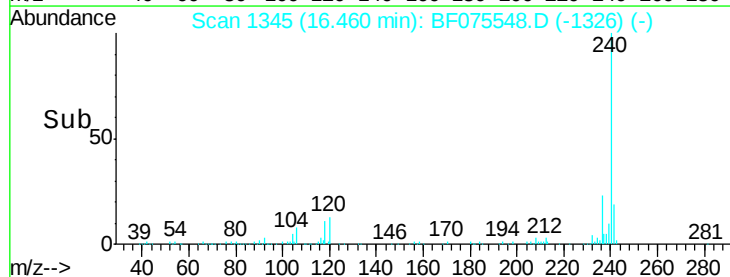
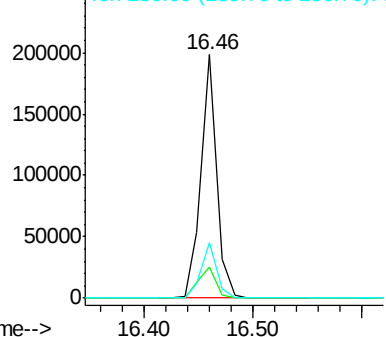


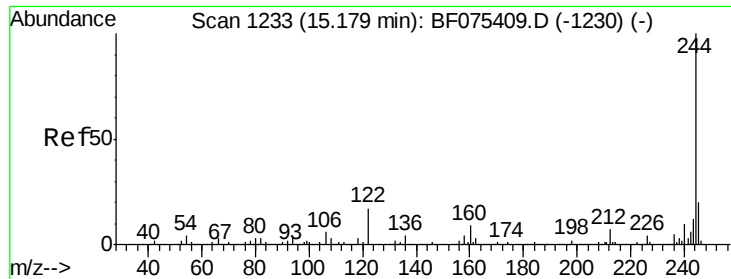
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.46 min Scan# 1345
Delta R.T. -0.08 min
Lab File: BF075548.D
Acq: 15 Nov 2014 18:39

Tgt Ion:240 Resp: 198024
Ion Ratio Lower Upper
240 100
120 12.5 9.6 14.4
236 23.0 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

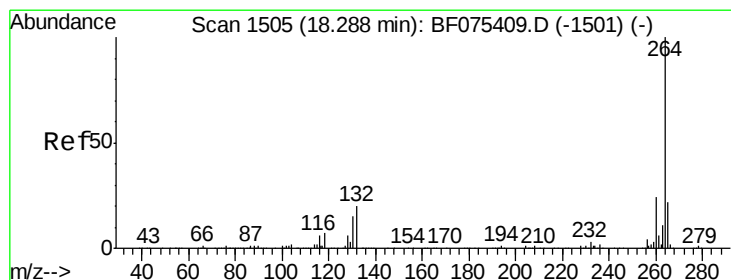
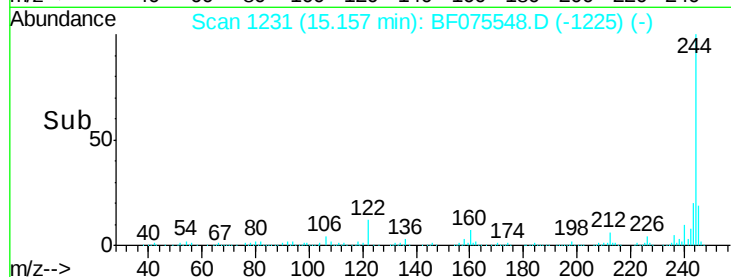
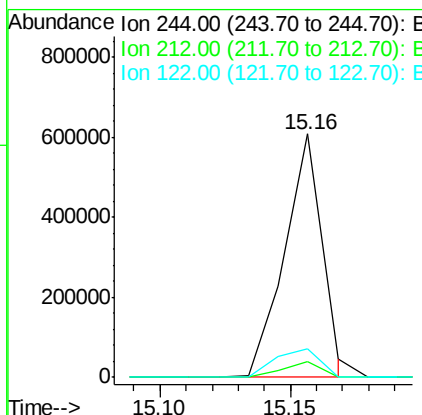
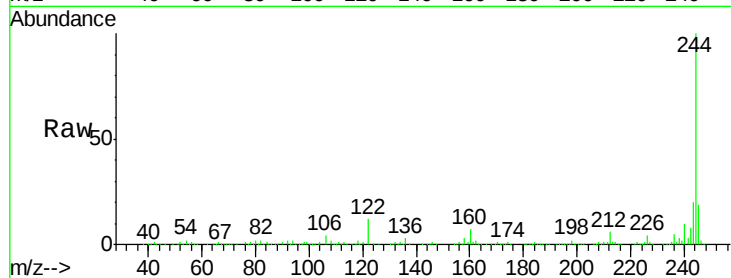




#78
 Terphenyl-d14
 Concen: 82.88 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.03 min
 Lab File: BF075548.D
 Acq: 15 Nov 2014 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-75(15-20)

Tgt Ion:244 Resp: 609649
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.5 8.3
 122 11.7 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.23 min Scan# 1500
 Delta R.T. -0.21 min
 Lab File: BF075548.D
 Acq: 15 Nov 2014 18:39

Tgt Ion:264 Resp: 204779
 Ion Ratio Lower Upper
 264 100
 260 22.9 17.9 26.9
 265 21.6 16.3 24.5

