

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 16 02:37:57 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

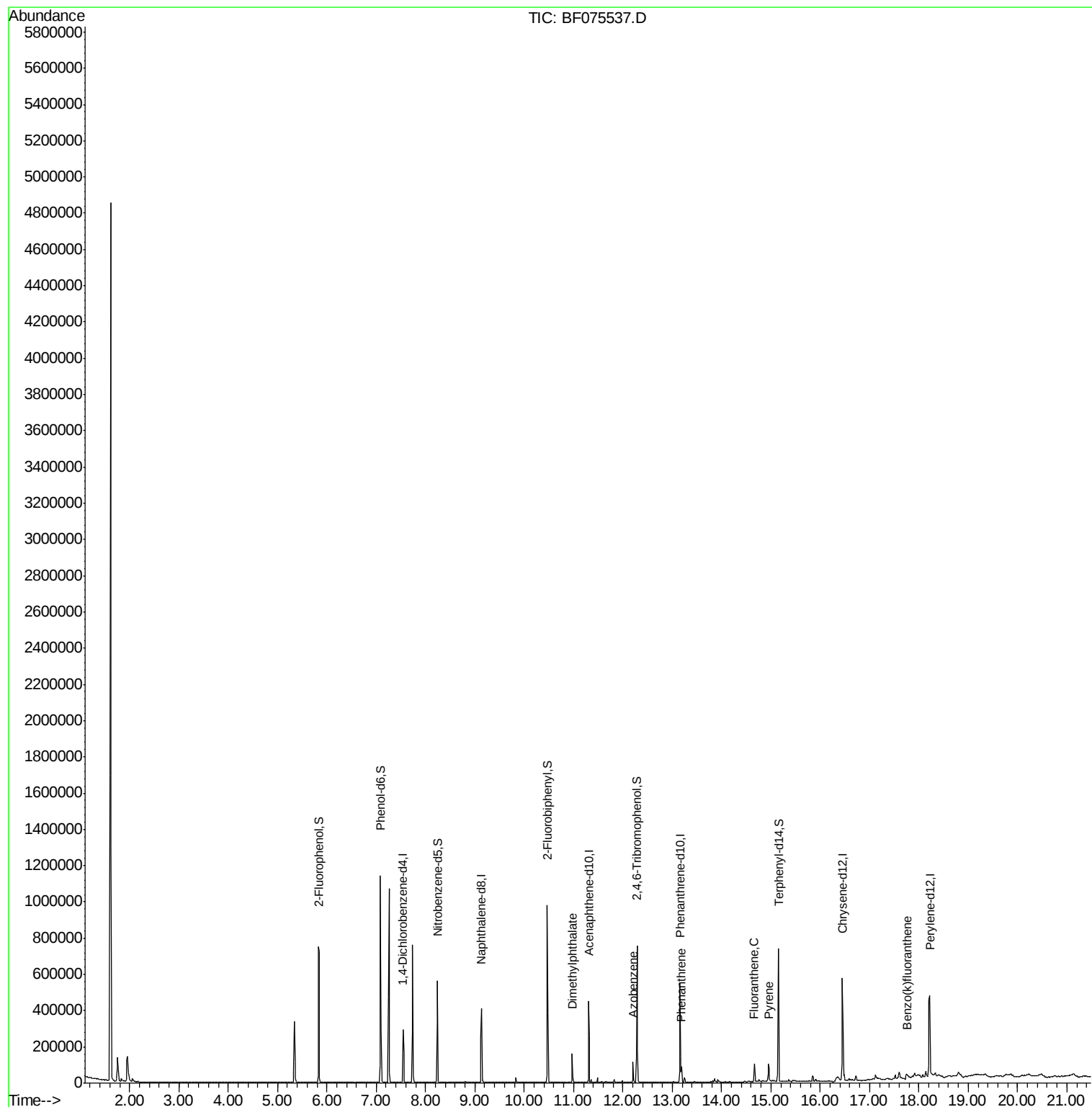
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	52607	20.00	ng	-0.01
21) Naphthalene-d8	9.13	136	232577	20.00	ng	0.00
38) Acenaphthene-d10	11.30	164	118937	20.00	ng	-0.01
63) Phenanthrene-d10	13.16	188	208820	20.00	ng	0.00
75) Chrysene-d12	16.45	240	241655	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						
49) Dimethylphthalate	10.97	163	63568	7.82	ng	98
62) Azobenzene	12.21	77	19022	2.56	ng	# 1
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
88) Benzo(k)fluoranthene	17.75	252	24630	2.06	ng	99

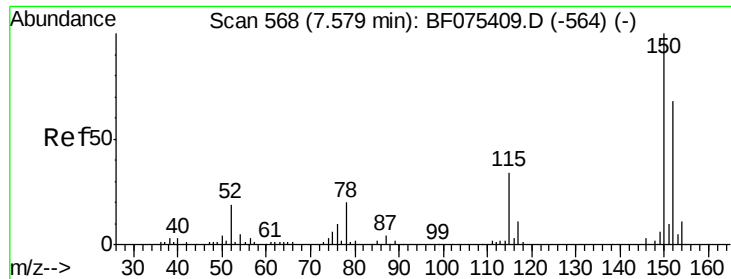
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
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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: BF075537.D

Acq: 15 Nov 2014 13:00

Instrument :

BNA_F

ClientSampleId :

SB-09(37-39)-111114

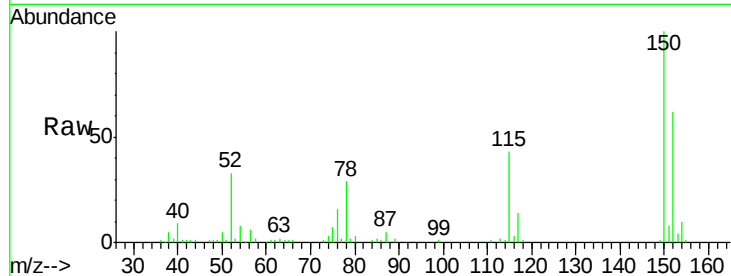
Tgt Ion:152 Resp: 52607

Ion Ratio Lower Upper

152 100

150 160.8 127.2 190.8

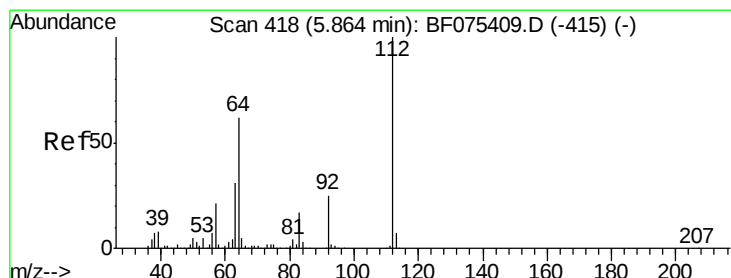
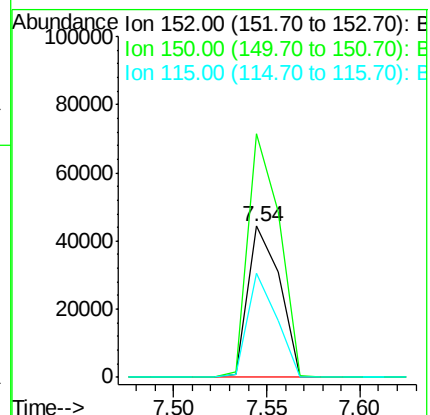
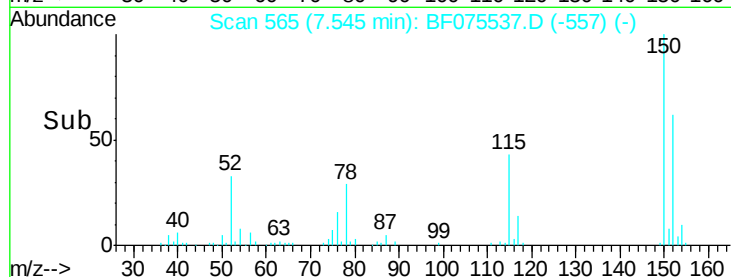
115 69.0 57.1 85.7



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

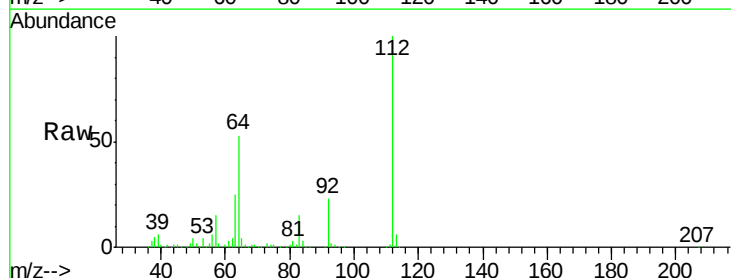
Tgt Ion:112 Resp: 309311

Ion Ratio Lower Upper

112 100

64 53.2 45.8 68.6

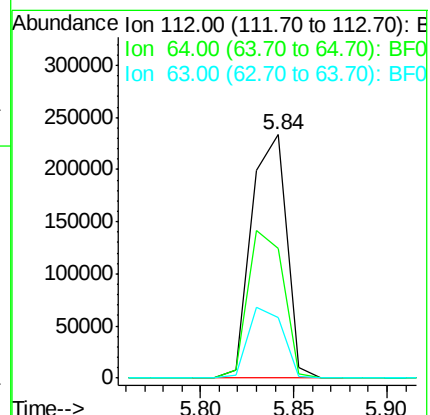
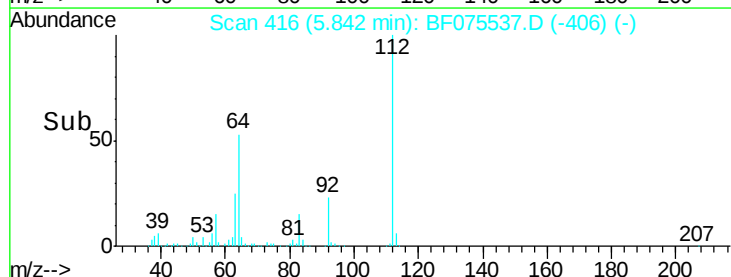
63 25.0 22.7 34.1



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

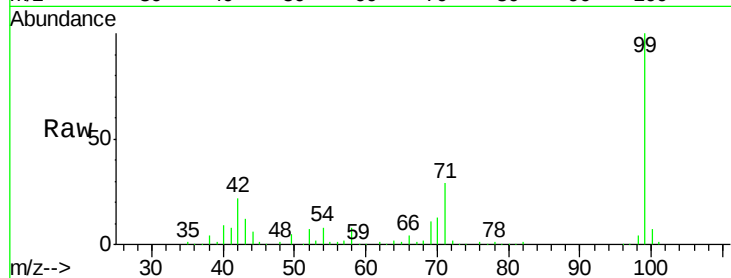
Tgt Ion: 99 Resp: 374516

Ion Ratio Lower Upper

99 100

42 22.3 19.8 29.6

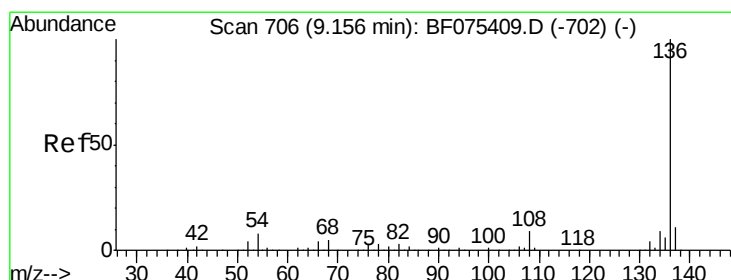
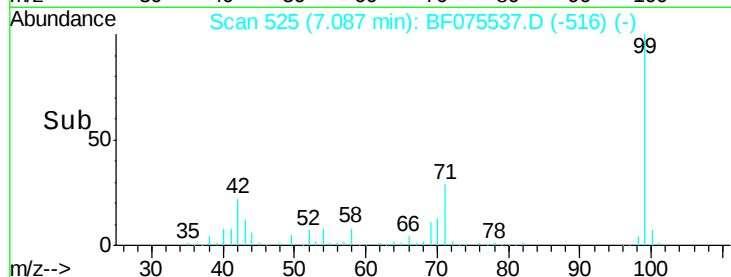
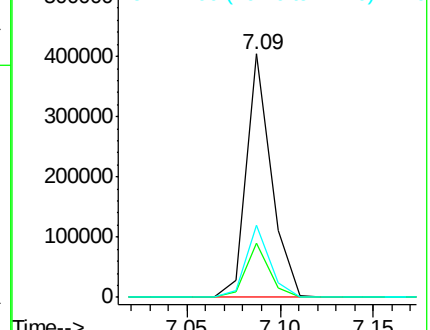
71 29.4 25.5 38.3



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

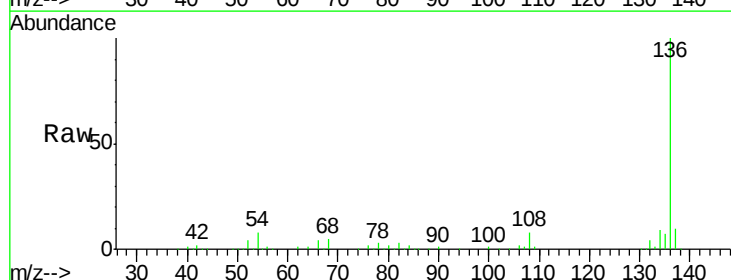
Ion Ratio Lower Upper

136 100

137 9.7 8.2 12.4

54 7.6 6.2 9.4

68 5.0 3.4 5.2

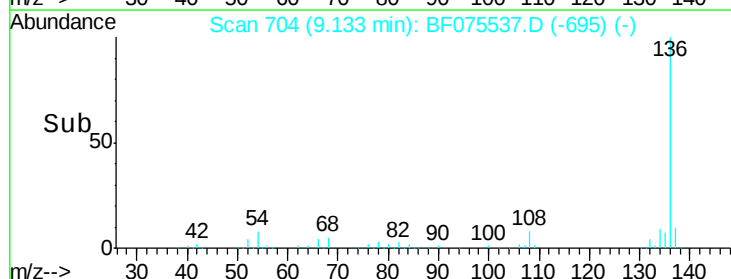
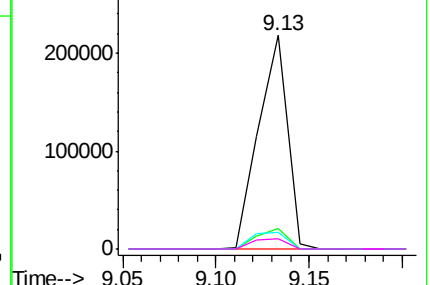


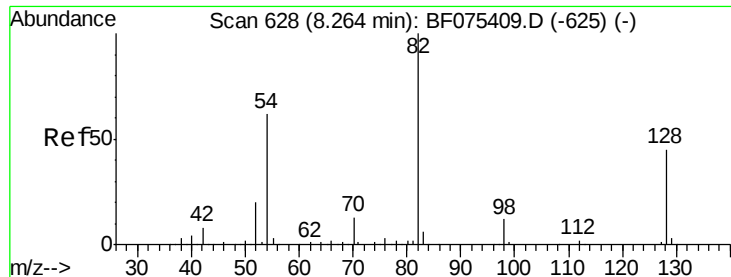
Abundance Ion 136.00 (135.70 to 136.70): E

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

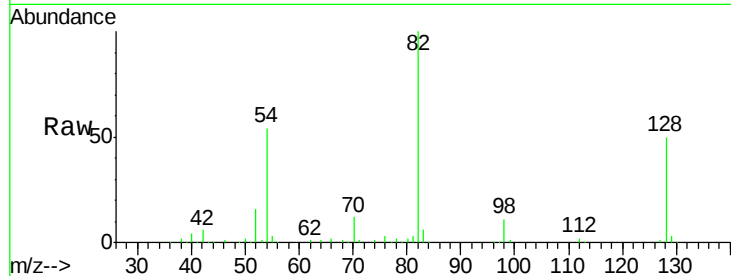




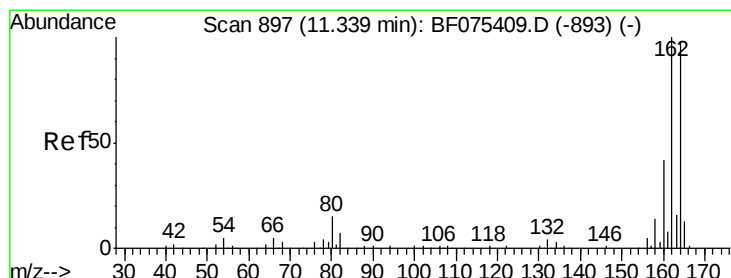
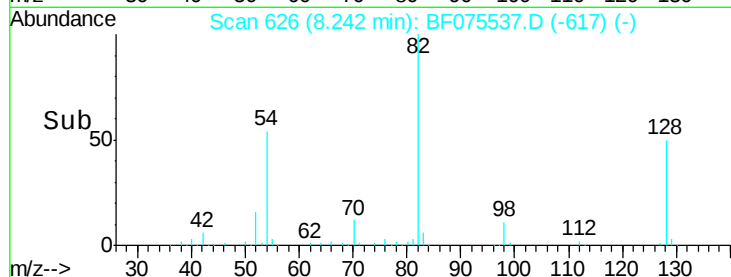
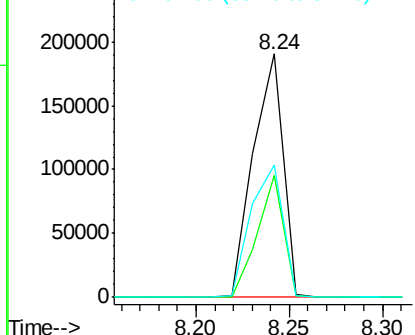
#23
Nitrobenzene-d5
Concen: 66.41 ng
RT: 8.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF075537.D
Acq: 15 Nov 2014 13:00

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

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

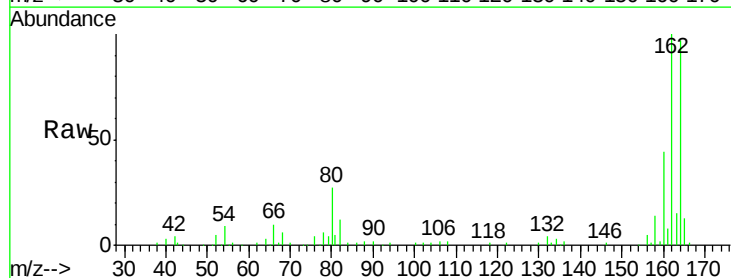


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

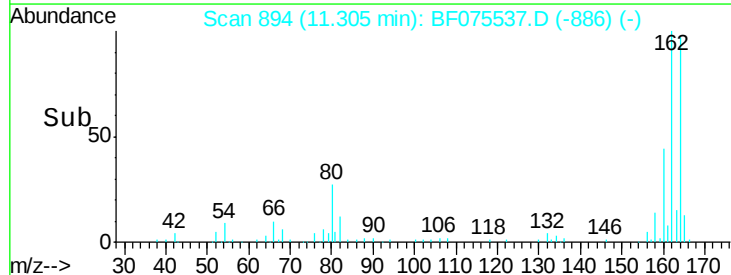
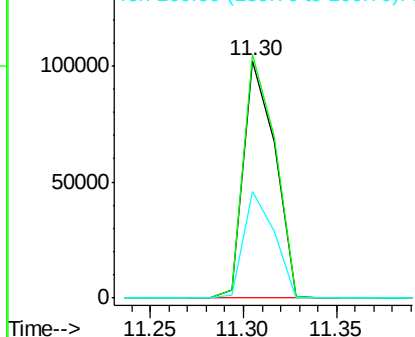


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF075537.D
Acq: 15 Nov 2014 13:00

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

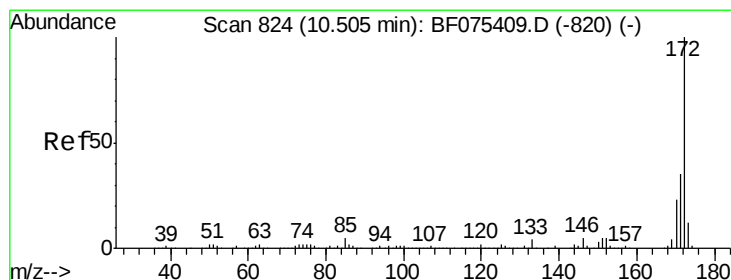
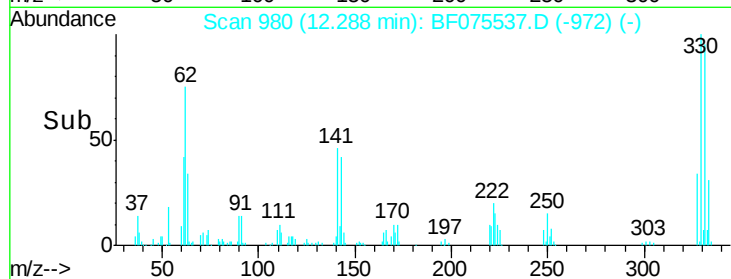
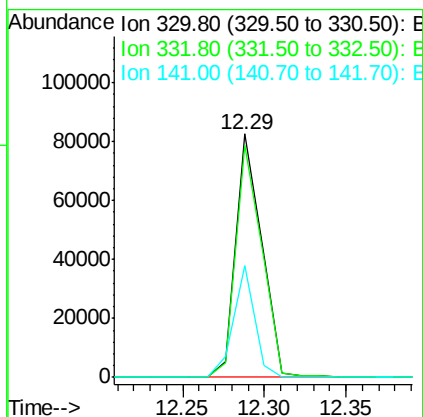
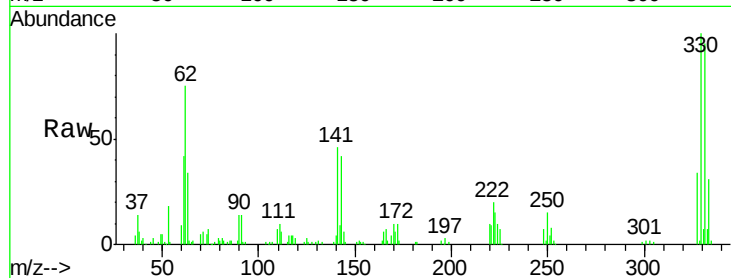




#41
 2,4,6-Tribromophenol
 Concen: 90.81 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF075537.D
 Acq: 15 Nov 2014 13:00

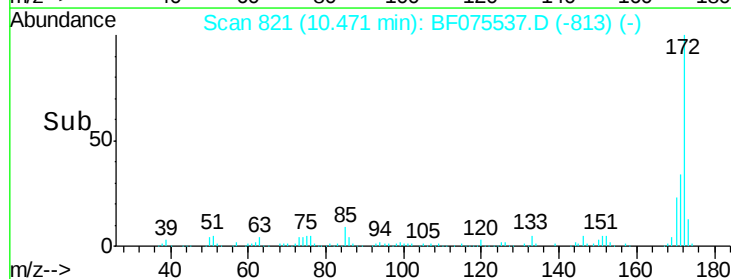
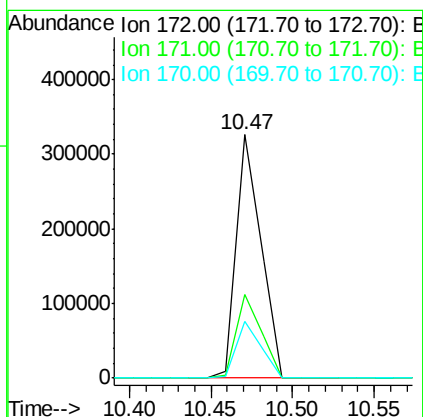
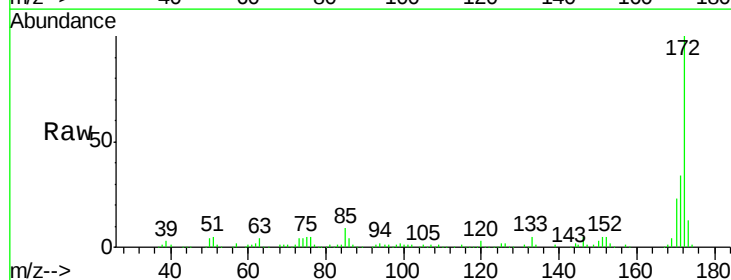
Instrument :
 BNA_F
 ClientSampleId :
 SB-09(37-39)-111114

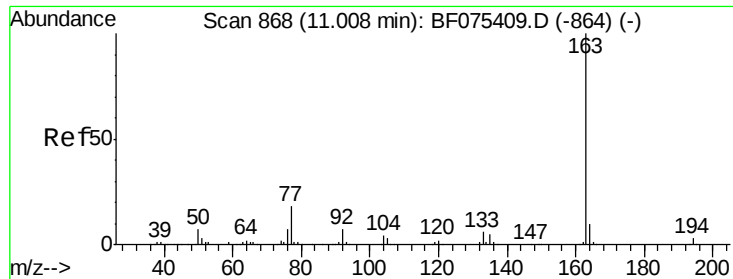
Tgt Ion:330 Resp: 90464
 Ion Ratio Lower Upper
 330 100
 332 95.7 74.5 111.7
 141 37.4 30.7 46.1



#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

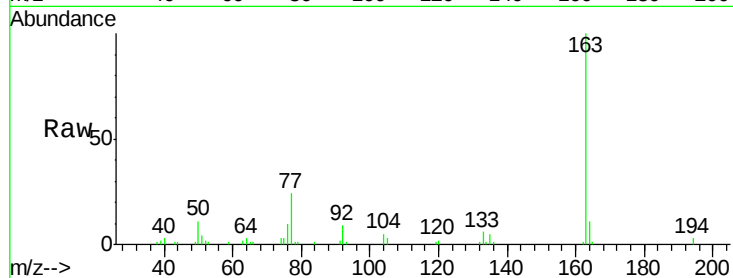




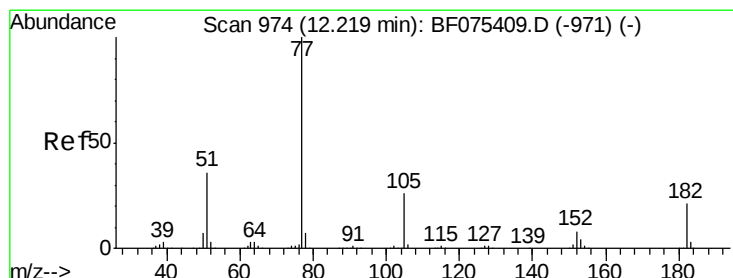
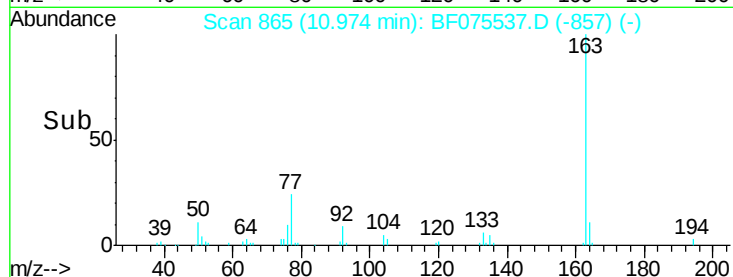
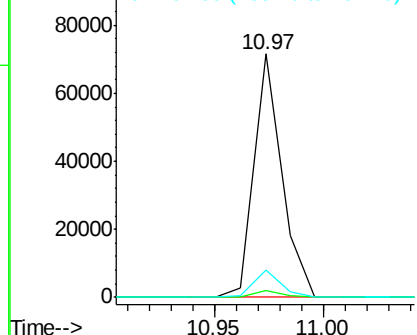
#49
Dimethylphthalate
Concen: 7.82 ng
RT: 10.97 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF075537.D
Acq: 15 Nov 2014 13:00

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

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

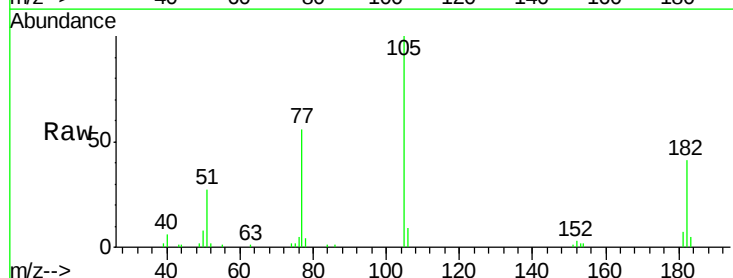


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

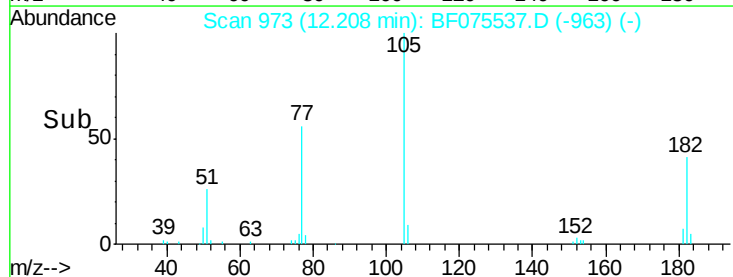
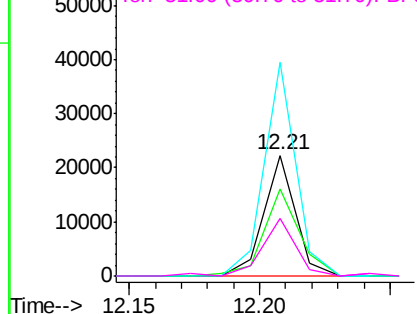


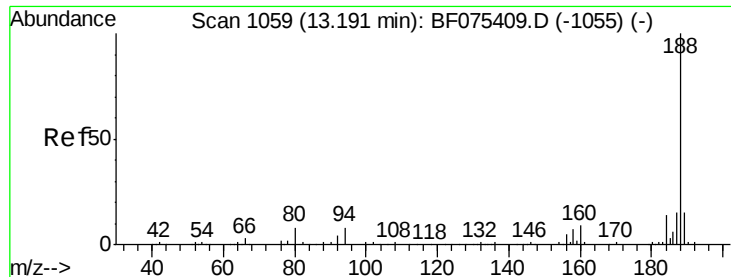
#62
Azobenzene
Concen: 2.56 ng
RT: 12.21 min Scan# 973
Delta R.T. 0.01 min
Lab File: BF075537.D
Acq: 15 Nov 2014 13:00

Tgt Ion: 77 Resp: 19022
Ion Ratio Lower Upper
77 100
182 72.0 0.0 37.1#
105 177.3 3.7 43.7#
51 47.9 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

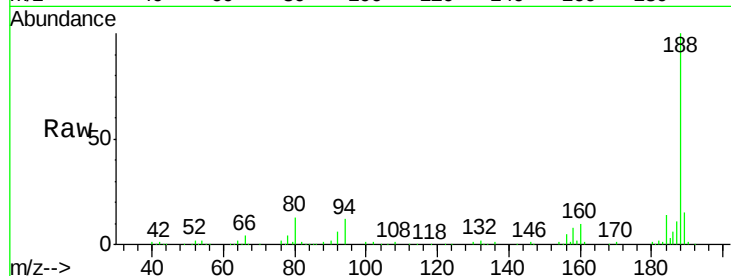




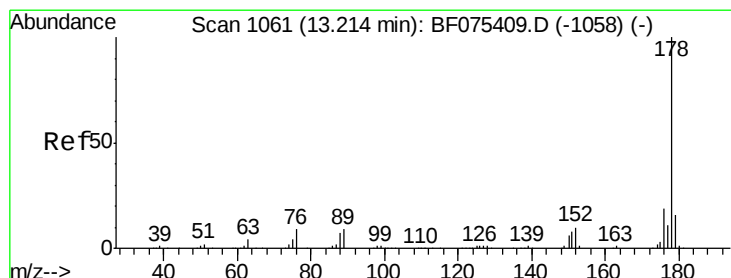
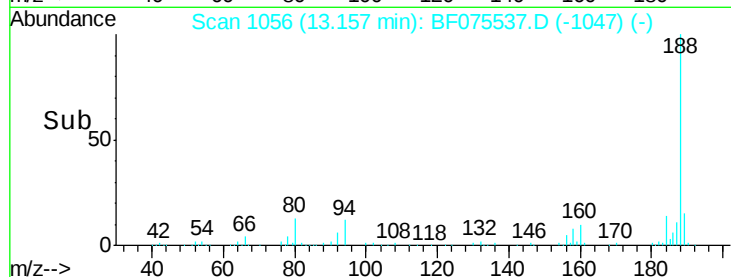
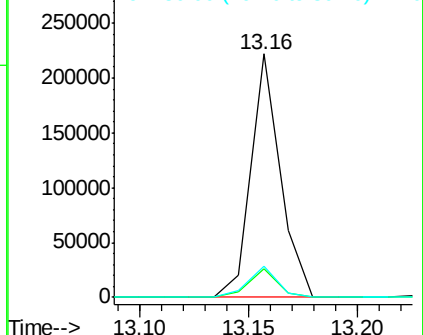
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF075537.D
Acq: 15 Nov 2014 13:00

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

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#

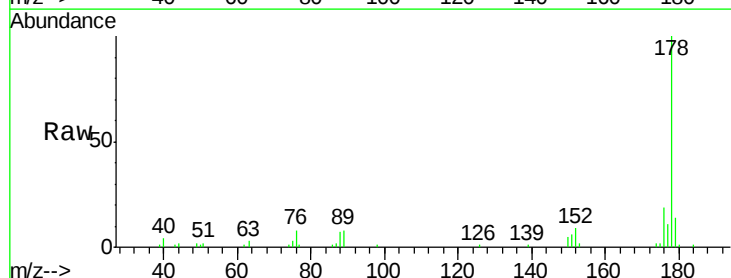


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

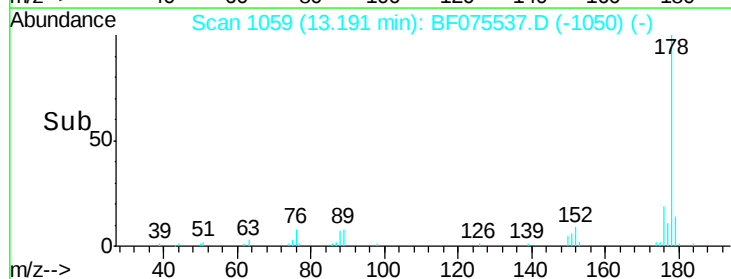
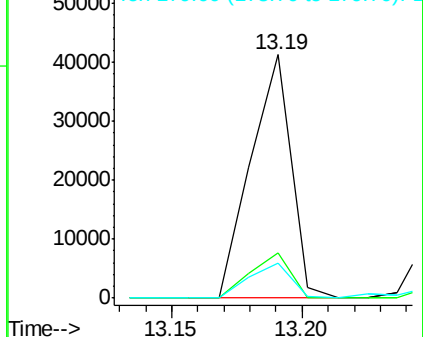


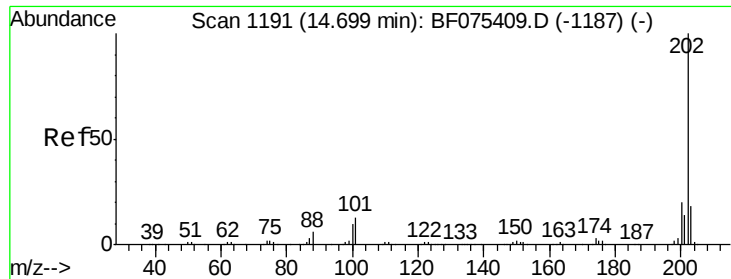
#70
Phenanthrene
Concen: 4.09 ng
RT: 13.19 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF075537.D
Acq: 15 Nov 2014 13:00

Tgt 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

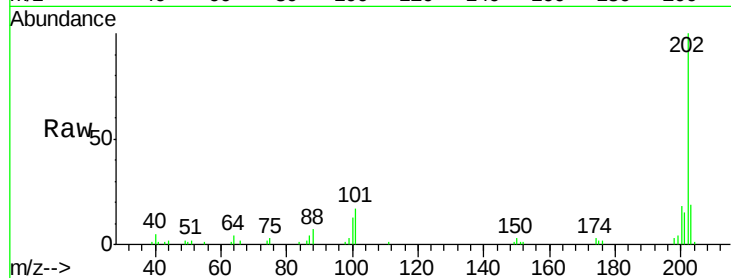




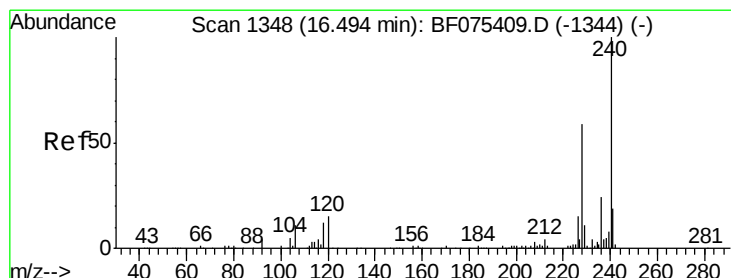
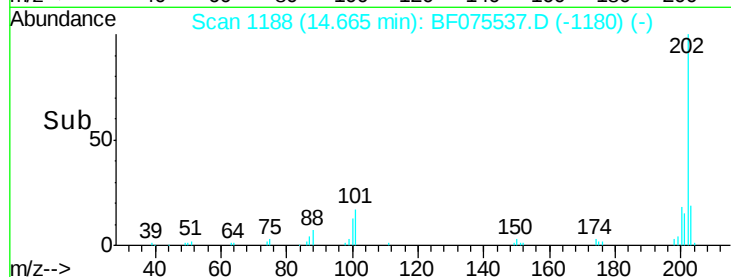
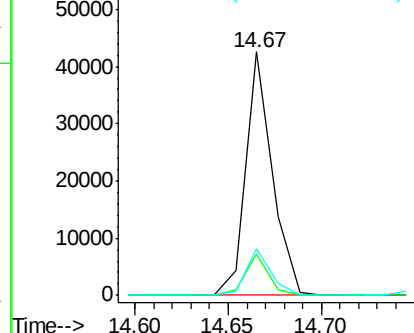
#74
 Fluoranthene
 Concen: 3.56 ng
 RT: 14.67 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF075537.D
 Acq: 15 Nov 2014 13:00

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

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.8	0.0	36.6
203	19.0	0.0	38.2

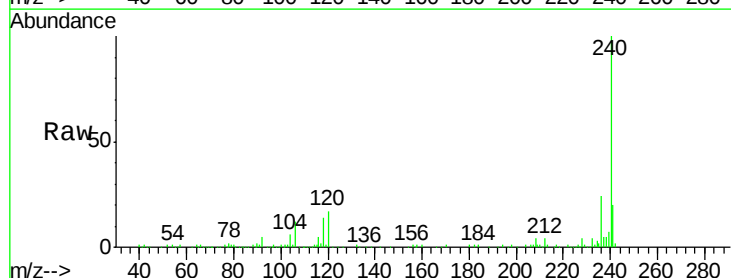


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

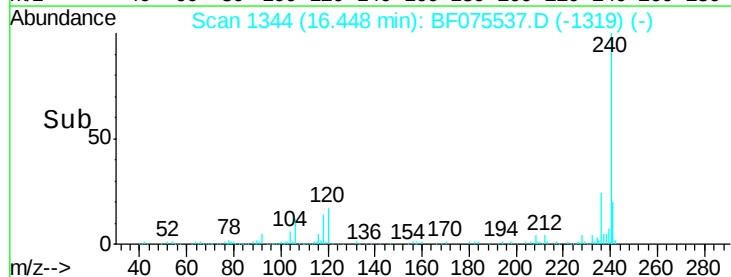
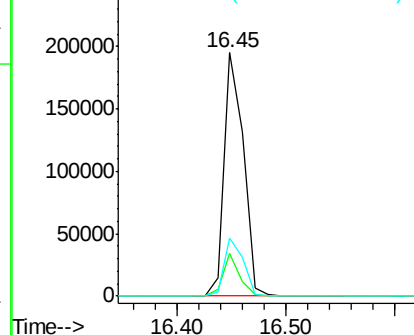


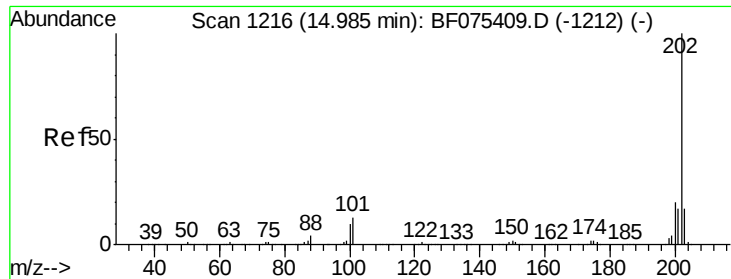
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.45 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF075537.D
 Acq: 15 Nov 2014 13:00

Tgt 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

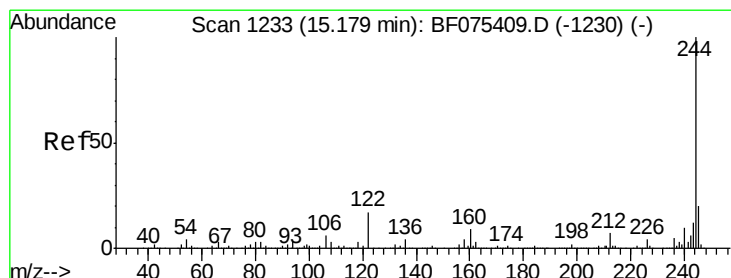
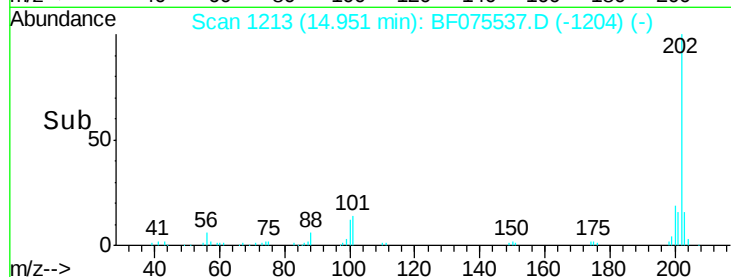
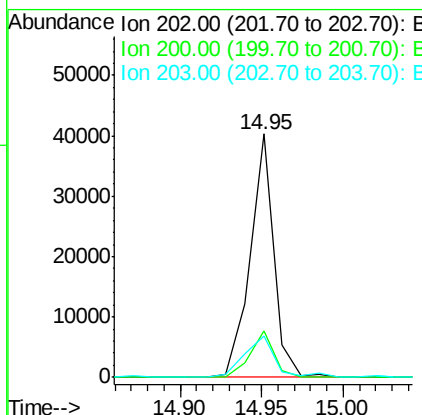
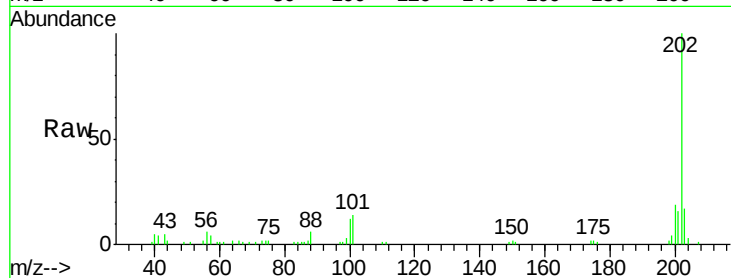




#77
 Pyrene
 Concen: 2.89 ng
 RT: 14.95 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF075537.D
 Acq: 15 Nov 2014 13:00

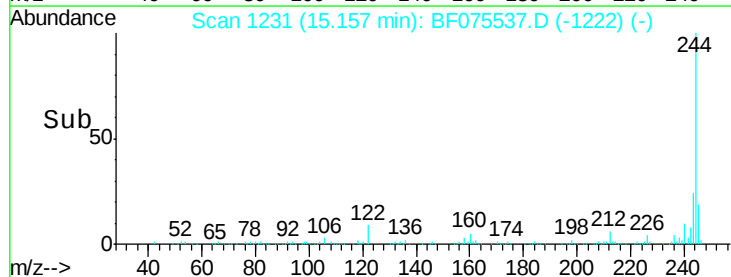
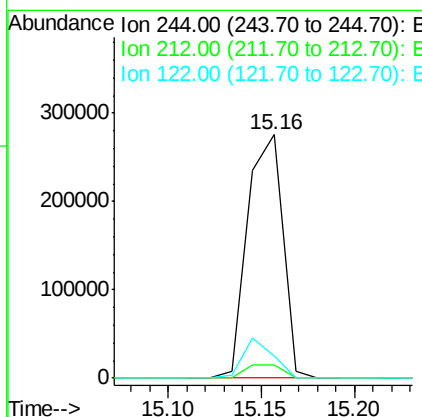
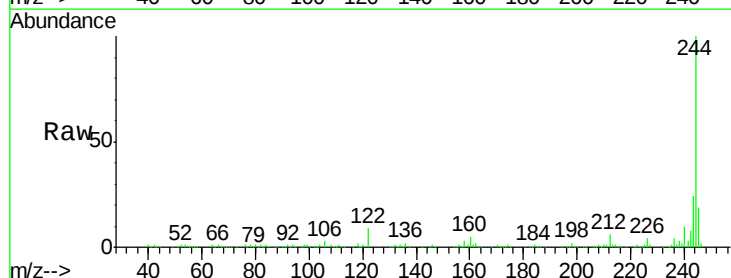
Instrument :
 BNA_F
 ClientSampleId :
 SB-09(37-39)-111114

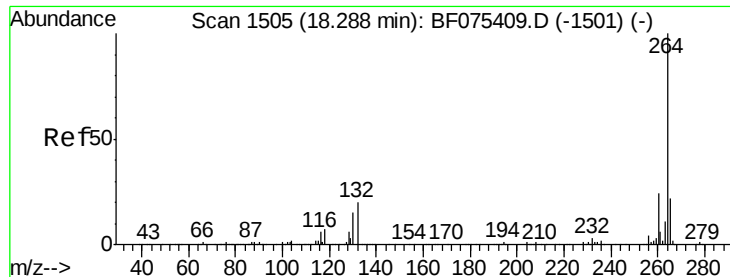
Tgt Ion: 202 Resp: 40635
 Ion Ratio Lower Upper
 202 100
 200 19.3 16.8 25.2
 203 16.7 14.3 21.5



#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

Tgt Ion: 244 Resp: 361578
 Ion Ratio Lower Upper
 244 100
 212 5.6 5.5 8.3
 122 9.1 9.7 14.5#

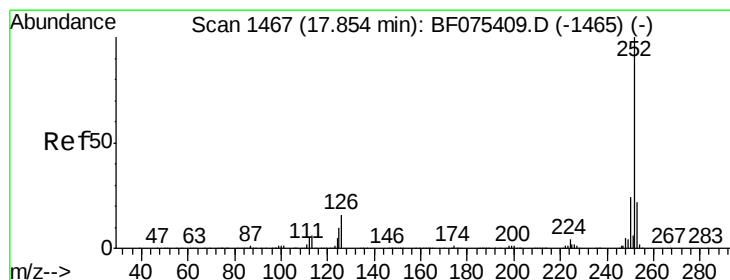
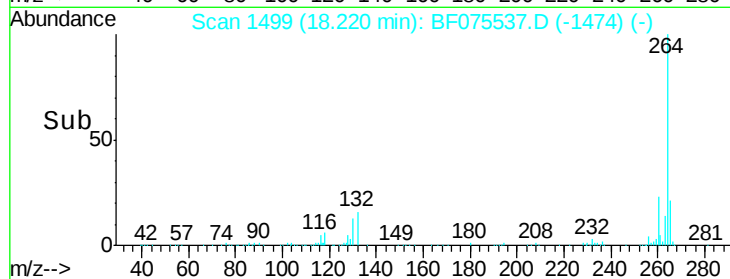
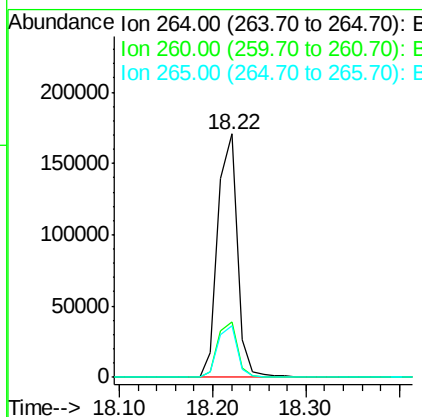
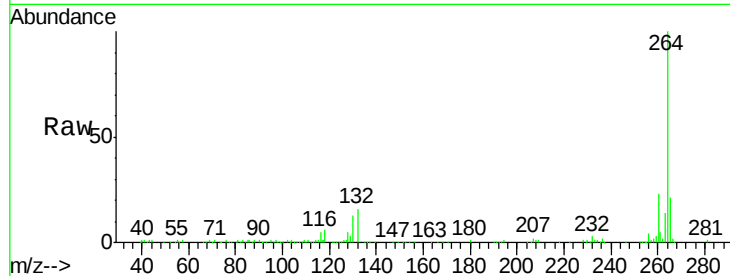




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.22 min Scan# 1499
 Delta R.T. -0.01 min
 Lab File: BF075537.D
 Acq: 15 Nov 2014 13:00

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

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



#88
 Benzo(k)fluoranthene
 Concen: 2.06 ng
 RT: 17.75 min Scan# 1458
 Delta R.T. -0.05 min
 Lab File: BF075537.D
 Acq: 15 Nov 2014 13:00

Tgt Ion: 252 Resp: 24630
 Ion Ratio Lower Upper
 252 100
 253 23.2 18.1 27.1
 125 14.9 11.6 17.4

