

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
 Data File : BF077527.D
 Acq On : 2 Mar 2015 17:30
 Operator : TP/IZ
 Sample : G1399-11 2X
 Misc : S
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB5

Quant Time: Mar 03 00:02:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 23:46:07 2015
 Response via : Initial Calibration

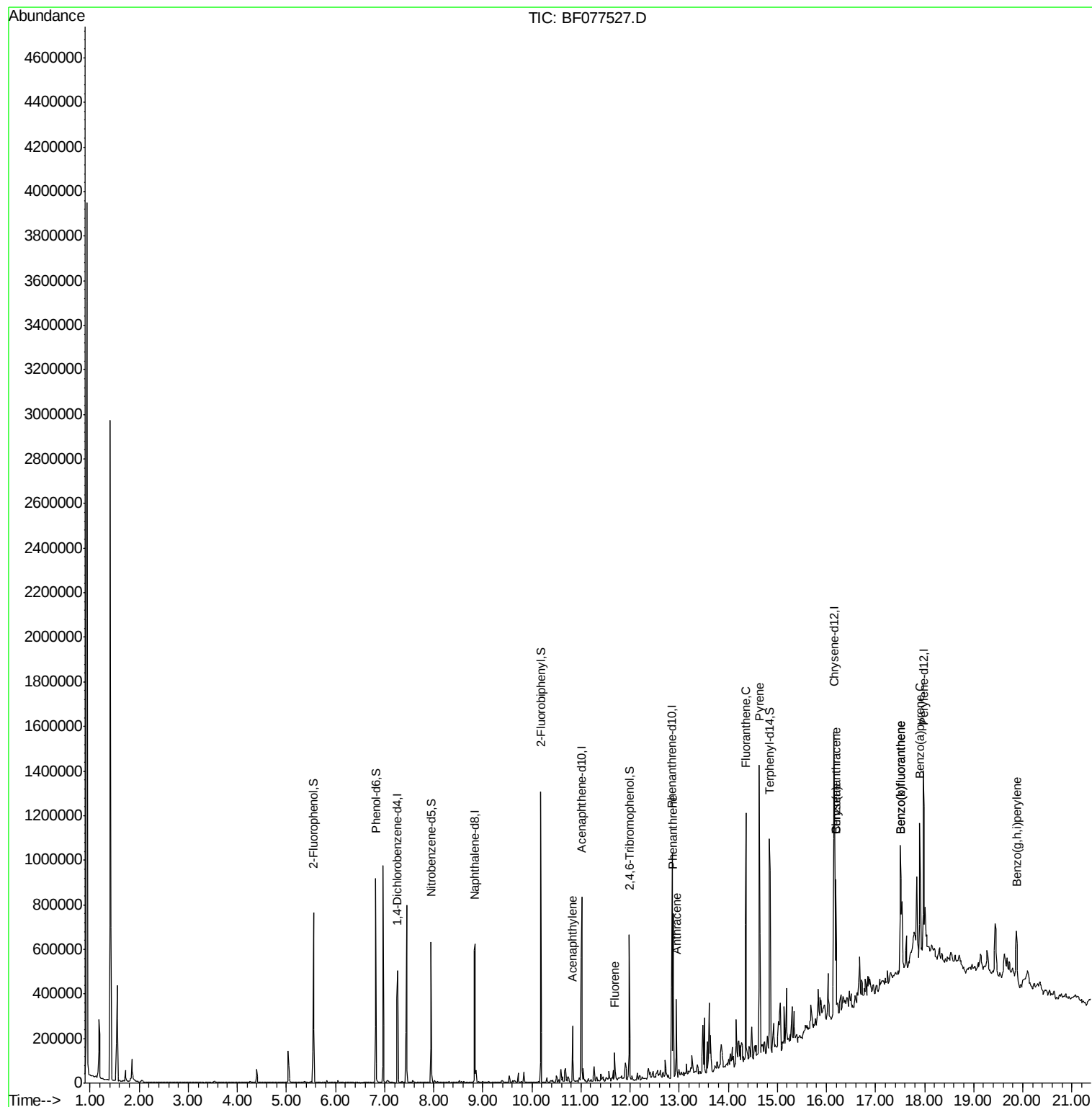
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	105302	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	420736	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	210121	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	415442	20.00	ng	0.00
75) Chrysene-d12	16.16	240	450027	20.00	ng	0.03
86) Perylene-d12	17.98	264	452257	20.00	ng	0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	236908	37.56	ng	0.00
7) Phenol-d6	6.82	99	325675	40.16	ng	0.00
23) Nitrobenzene-d5	7.95	82	192323	28.43	ng	0.00
41) 2,4,6-Tribromophenol	11.99	330	74323	36.74	ng	0.00
44) 2-Fluorobiphenyl	10.18	172	395666	29.36	ng	0.00
78) Terphenyl-d14	14.85	244	449669	23.36	ng	0.00
Target Compounds						
48) Acenaphthylene	10.83	152	119131	6.03	ng	Qvalue 98
57) Fluorene	11.68	166	48736	3.35	ng	94
70) Phenanthrene	12.88	178	337102	14.00	ng	99
71) Anthracene	12.94	178	141795	5.93	ng	100
74) Fluoranthene	14.36	202	555856	21.13	ng	98
77) Pyrene	14.64	202	616053	22.38	ng	98
80) Benzo(a)anthracene	16.19	228	228969	8.68	ng	95
82) Chrysene	16.19	228	310644	12.54	ng	96
87) Benzo(b)fluoranthene	17.52	252	521934	19.85	ng	# 92
88) Benzo(k)fluoranthene	17.52	252	458390	17.79	ng	98
89) Benzo(a)pyrene	17.91	252	302846	12.09	ng	# 97
91) Benzo(g,h,i)perylene	19.88	276	189259	7.85	ng	98

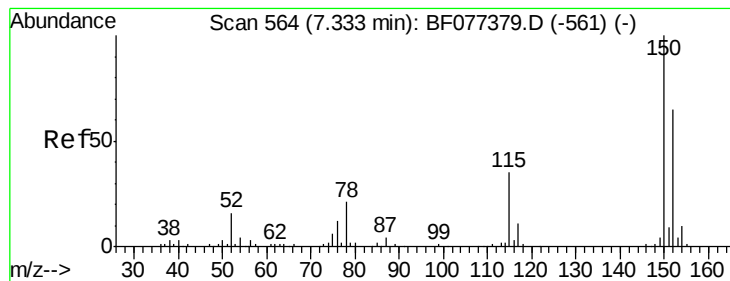
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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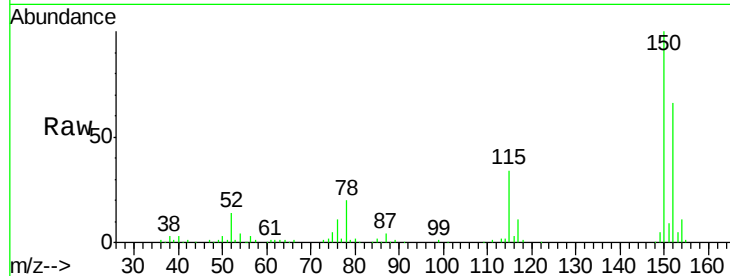




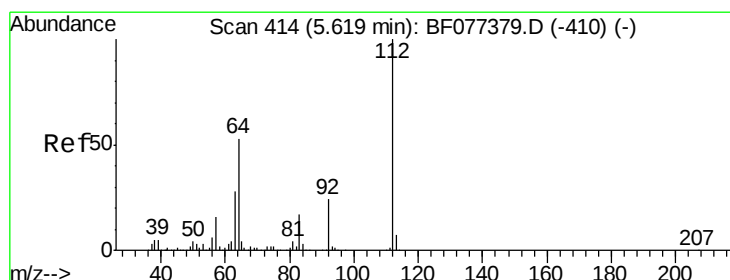
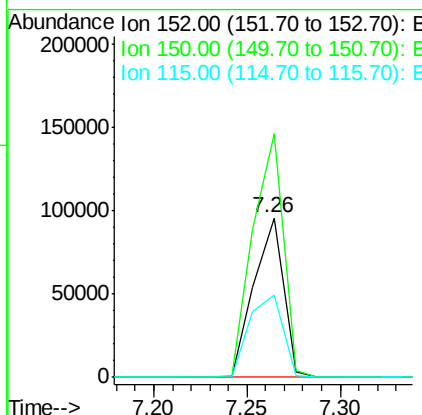
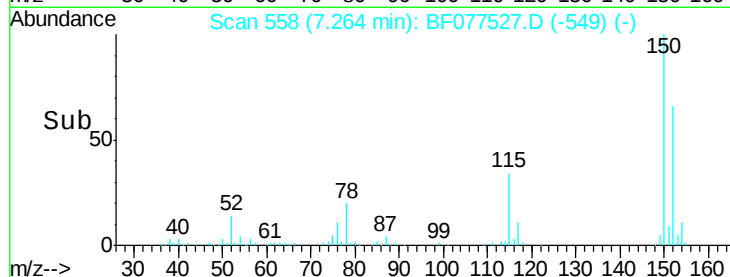
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.26 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF077527.D
 Acq: 2 Mar 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SB5

Tgt Ion:152 Resp: 105302
 Ion Ratio Lower Upper
 152 100
 150 152.5 124.0 186.0
 115 51.4 49.4 74.2

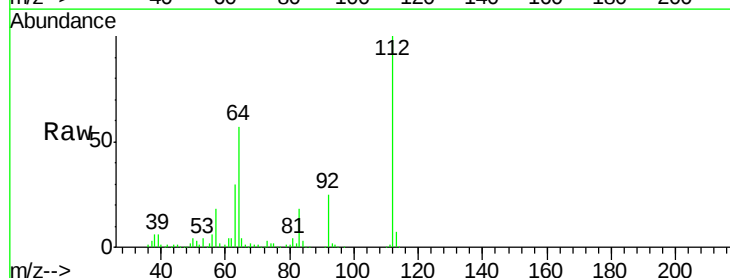


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

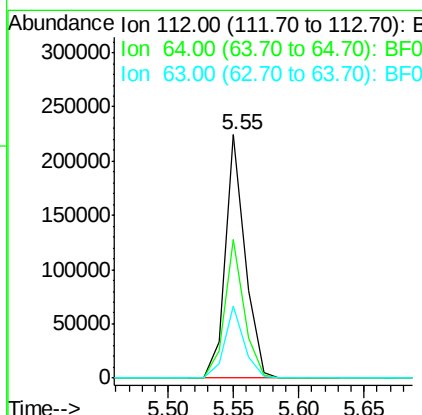
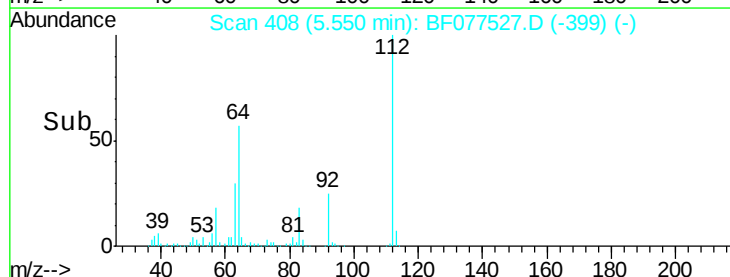


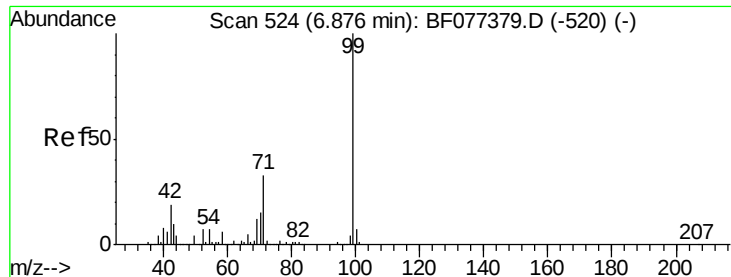
#5
 2-Fluorophenol
 Concen: 37.56 ng
 RT: 5.55 min Scan# 408
 Delta R.T. 0.01 min
 Lab File: BF077527.D
 Acq: 2 Mar 2015 17:30

Tgt Ion:112 Resp: 236908
 Ion Ratio Lower Upper
 112 100
 64 56.9 48.5 72.7
 63 29.5 25.0 37.4



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: 40.16 ng

RT: 6.82 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF077527.D

Acq: 2 Mar 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SB5

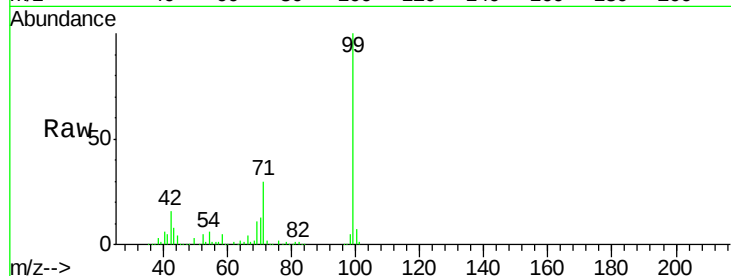
Tgt Ion: 99 Resp: 325675

Ion Ratio Lower Upper

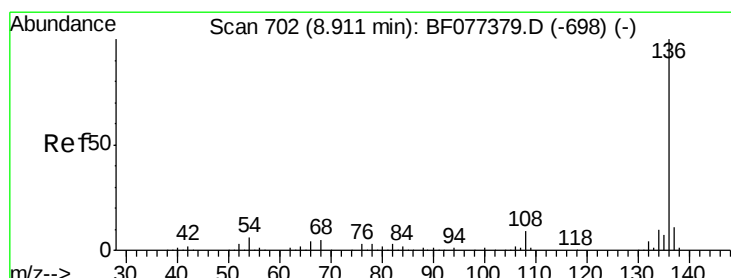
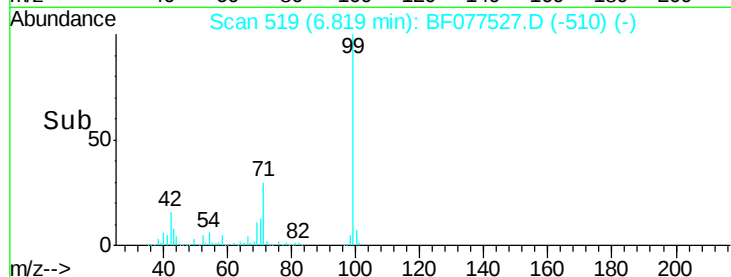
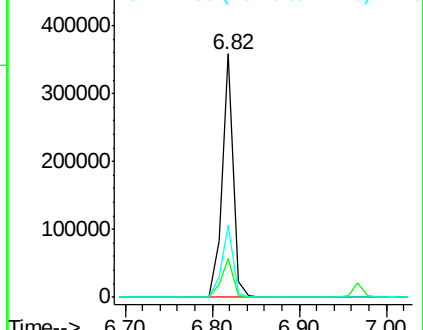
99 100

42 16.1 16.2 24.4#

71 29.8 26.7 40.1



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: 8.84 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF077527.D

Acq: 2 Mar 2015 17:30

Tgt Ion: 136 Resp: 420736

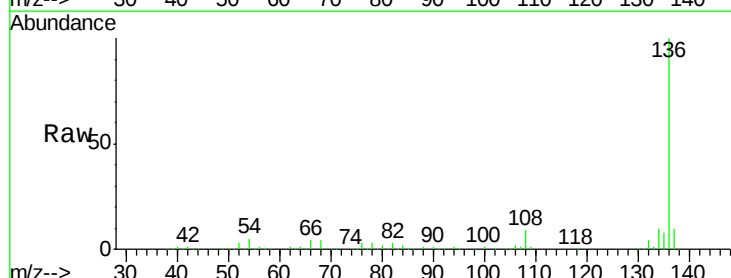
Ion Ratio Lower Upper

136 100

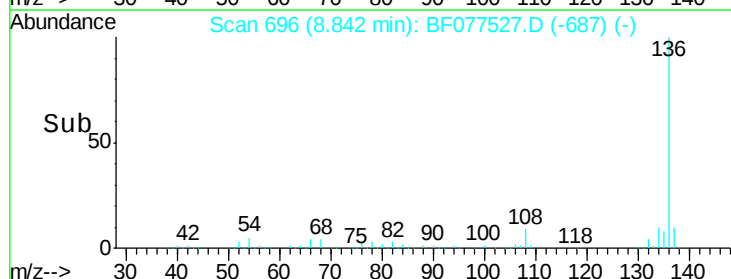
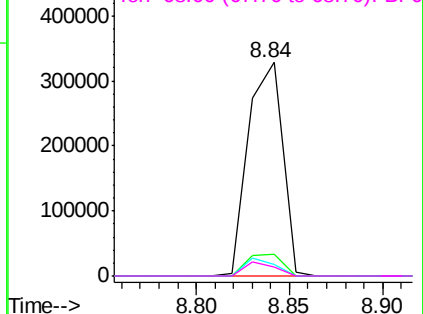
137 10.4 8.6 13.0

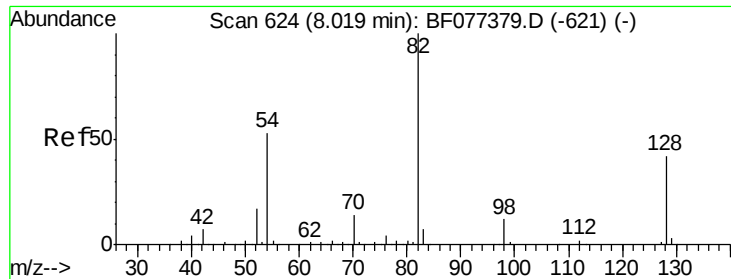
54 5.4 6.2 9.4#

68 4.4 5.0 7.6#



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

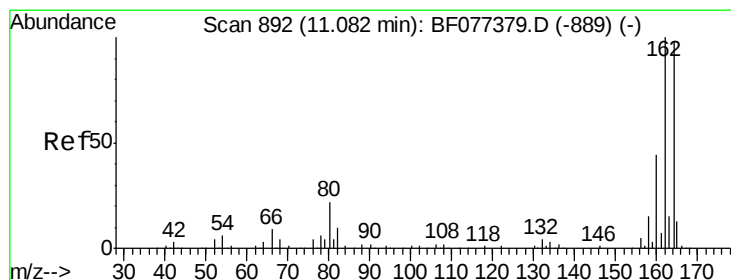
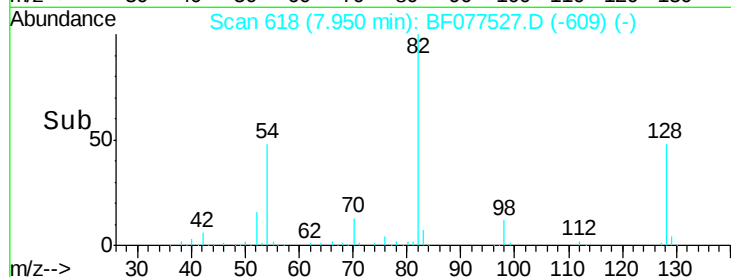
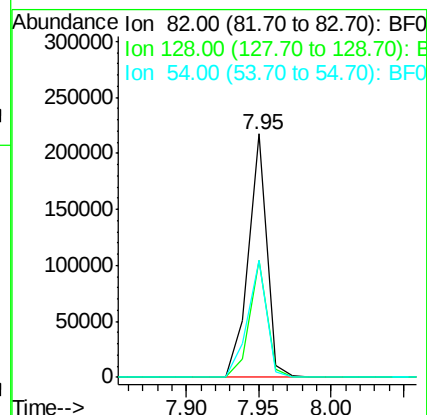
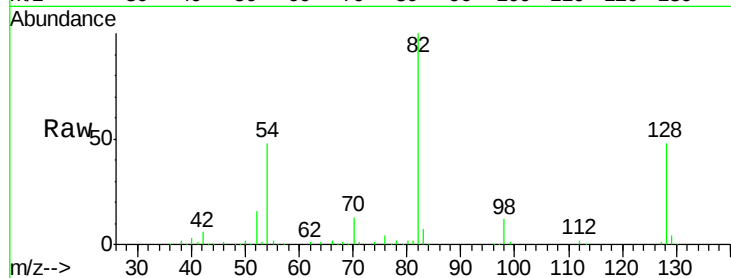




#23
 Nitrobenzene-d5
 Concen: 28.43 ng
 RT: 7.95 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF077527.D
 Acq: 2 Mar 2015 17:30

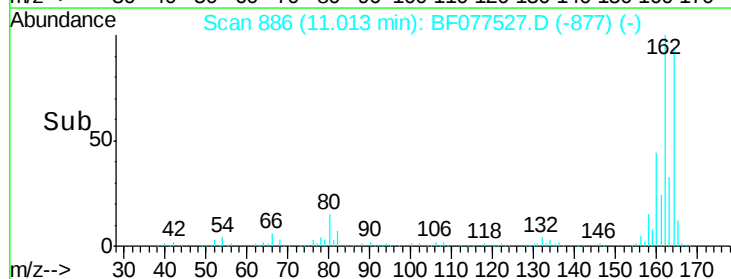
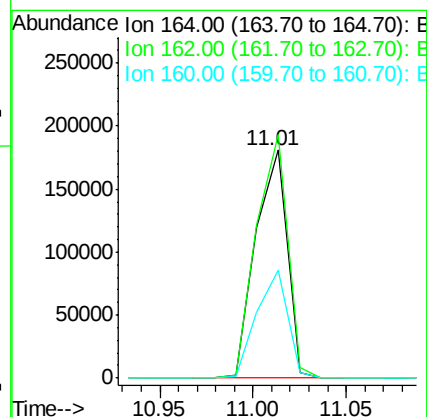
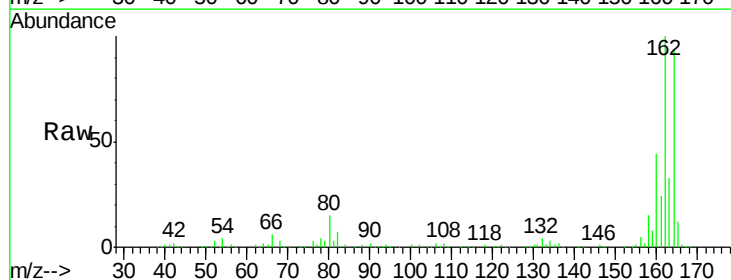
Instrument :
 BNA_F
 ClientSampleId :
 SB5

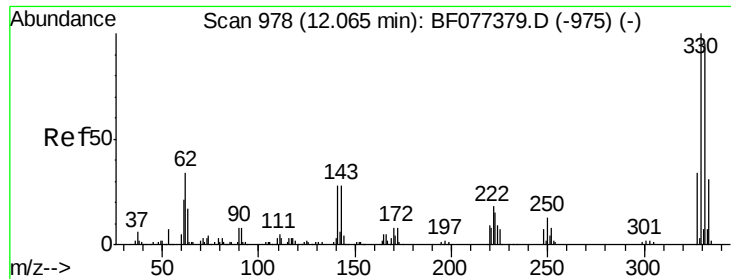
Tgt Ion	Resp	Lower	Upper
82	192323		
128	48.1	43.8	65.8
54	47.8	36.7	55.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF077527.D
 Acq: 2 Mar 2015 17:30

Tgt Ion	Resp	Lower	Upper
164	210121		
162	106.9	83.2	124.8
160	47.2	34.6	52.0

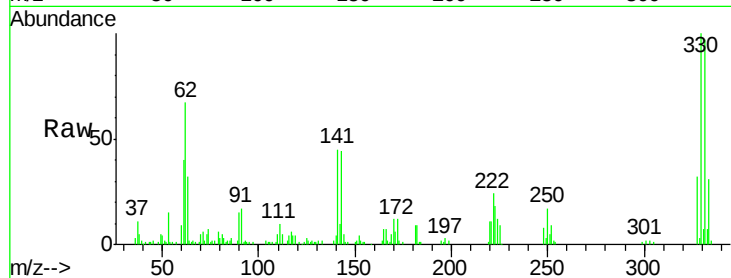




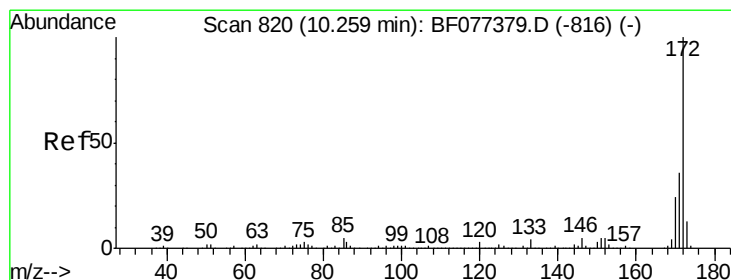
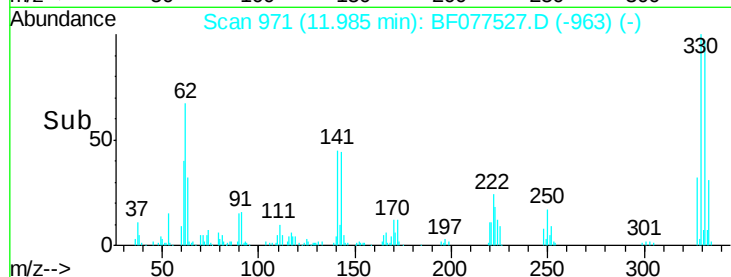
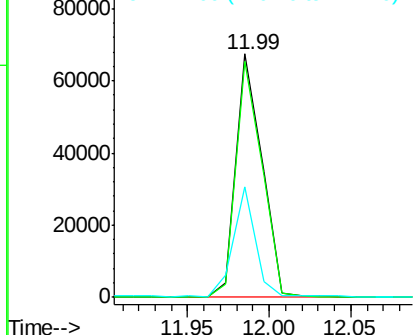
#41
 2,4,6-Tribromophenol
 Concen: 36.74 ng
 RT: 11.99 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BF077527.D
 Acq: 2 Mar 2015 17:30

Instrument :
 BNA_F
 ClientSampled :
 SB5

Tgt Ion:330 Resp: 74323
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 39.3 28.8 43.2

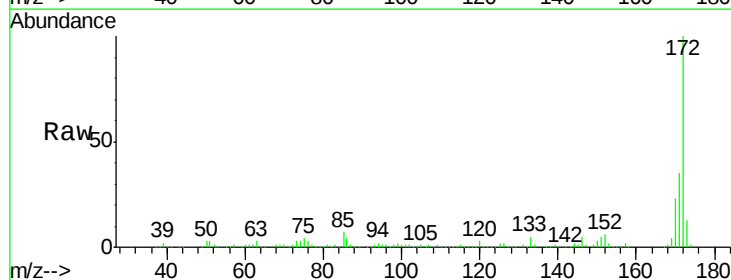


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

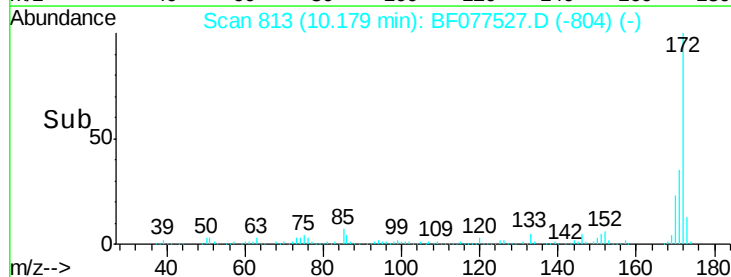
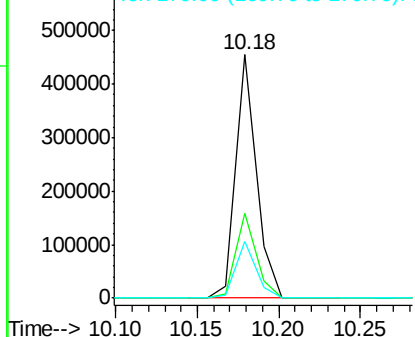


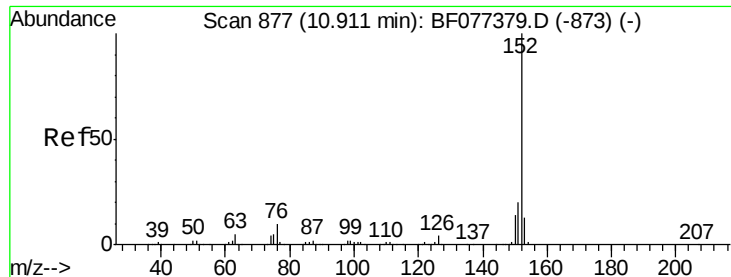
#44
 2-Fluorobiphenyl
 Concen: 29.36 ng
 RT: 10.18 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF077527.D
 Acq: 2 Mar 2015 17:30

Tgt Ion:172 Resp: 395666
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.9 43.3
 170 23.2 19.4 29.2



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





#48

Acenaphthylene

Concen: 6.03 ng

RT: 10.83 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF077527.D

Acq: 2 Mar 2015 17:30

Instrument :

BNA_F

ClientSampled :

SB5

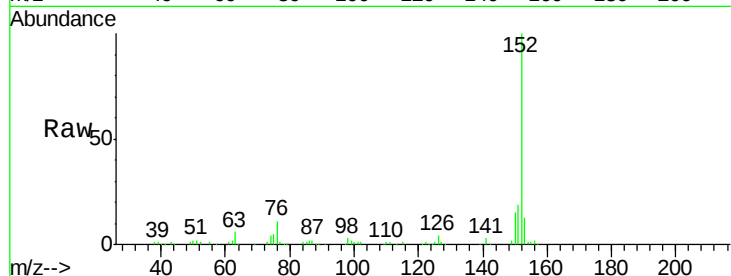
Tgt Ion:152 Resp: 119131

Ion Ratio Lower Upper

152 100

151 19.1 16.1 24.1

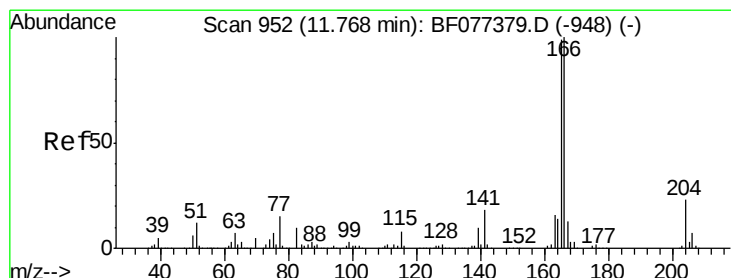
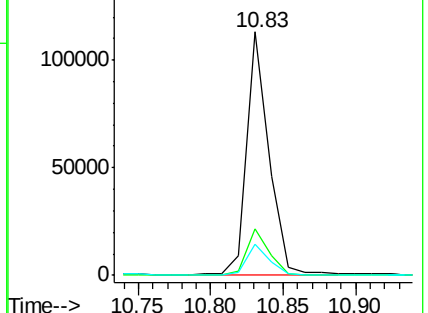
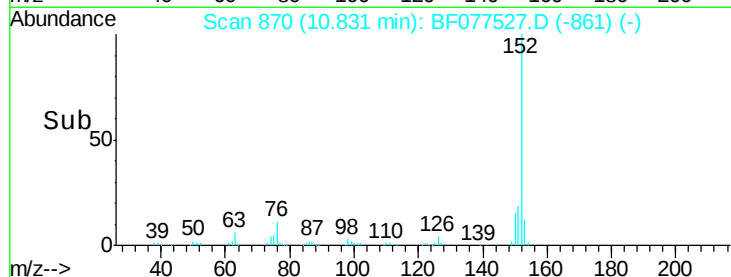
153 12.9 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#57

Fluorene

Concen: 3.35 ng

RT: 11.68 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF077527.D

Acq: 2 Mar 2015 17:30

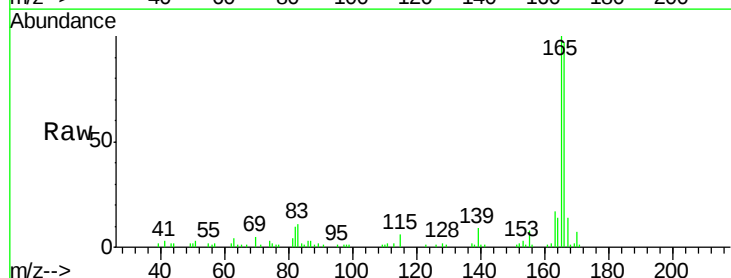
Tgt Ion:166 Resp: 48736

Ion Ratio Lower Upper

166 100

165 103.3 77.6 116.4

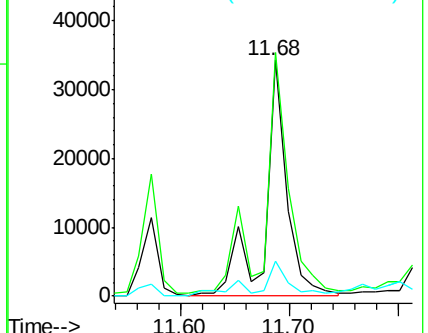
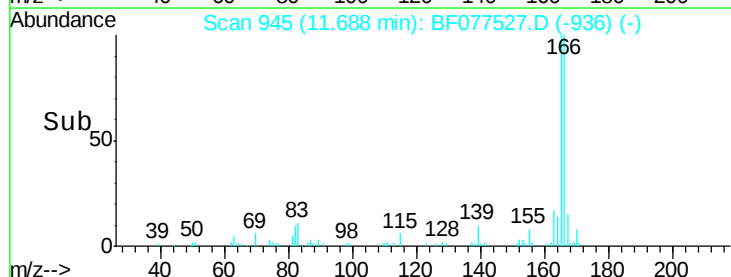
167 14.6 10.6 16.0

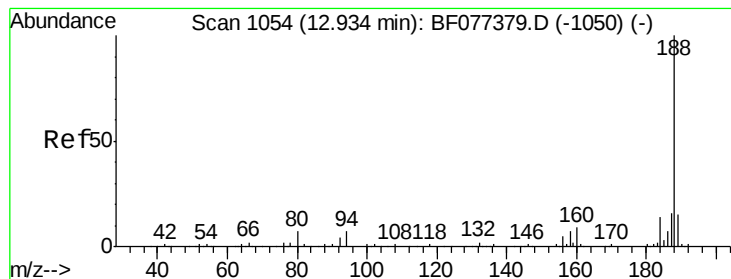


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.85 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF077527.D

Acq: 2 Mar 2015 17:30

Instrument :

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ClientSampled :

SB5

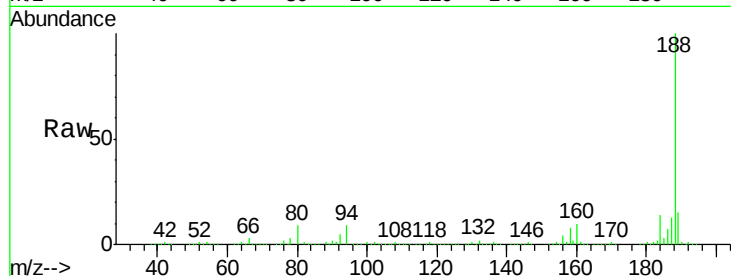
Tgt Ion:188 Resp: 415442

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

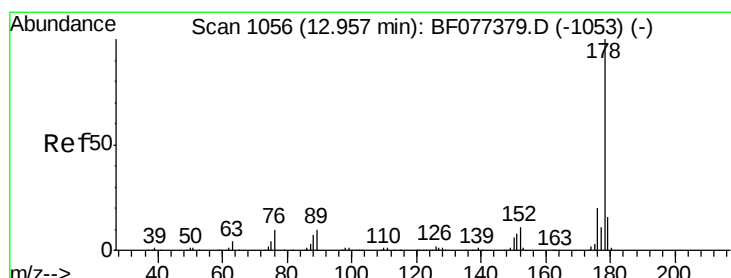
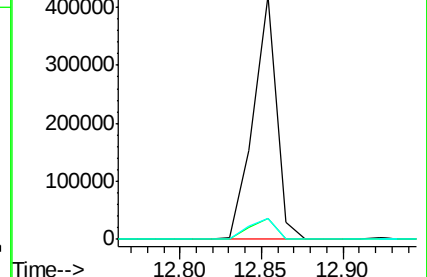
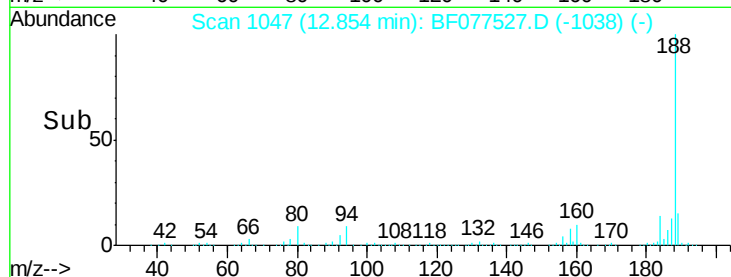
80 8.7 8.0 12.0



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: 14.00 ng

RT: 12.88 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF077527.D

Acq: 2 Mar 2015 17:30

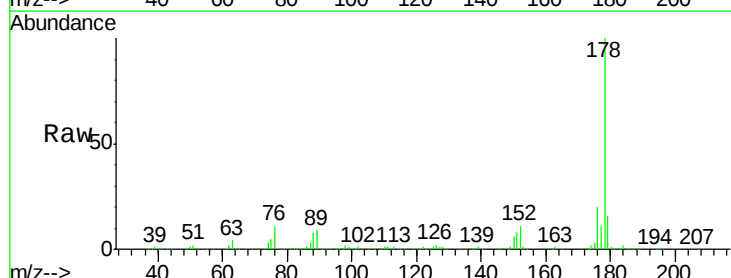
Tgt Ion:178 Resp: 337102

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

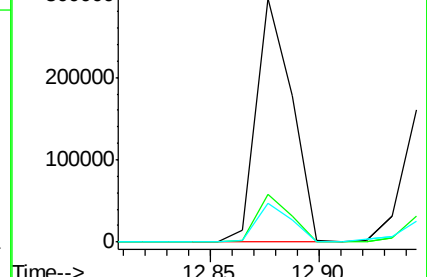
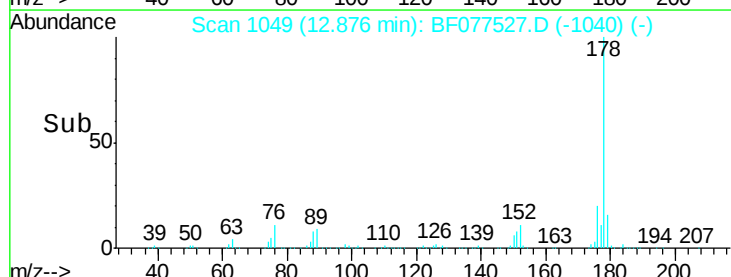
179 15.9 12.2 18.2

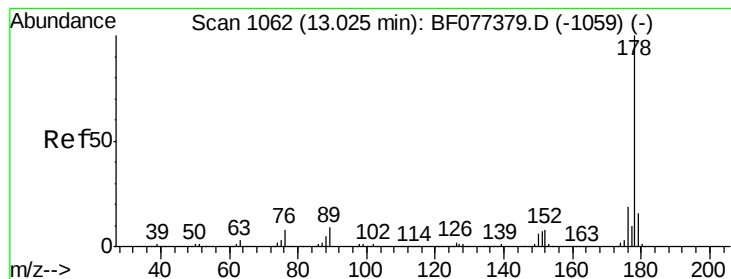


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 5.93 ng

RT: 12.94 min Scan# 1055

Delta R.T. 0.00 min

Lab File: BF077527.D

Acq: 2 Mar 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SB5

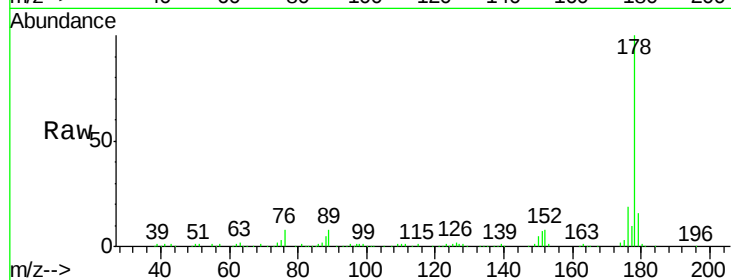
Tgt Ion:178 Resp: 141795

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

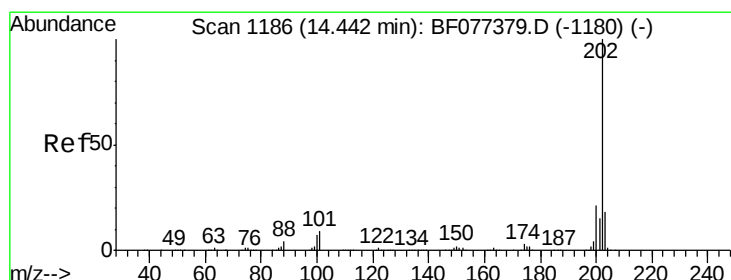
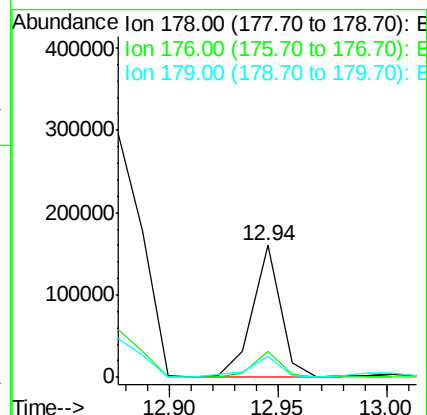
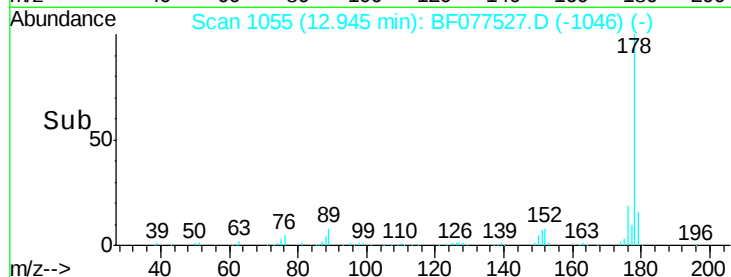
179 15.9 12.9 19.3



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: 21.13 ng

RT: 14.36 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF077527.D

Acq: 2 Mar 2015 17:30

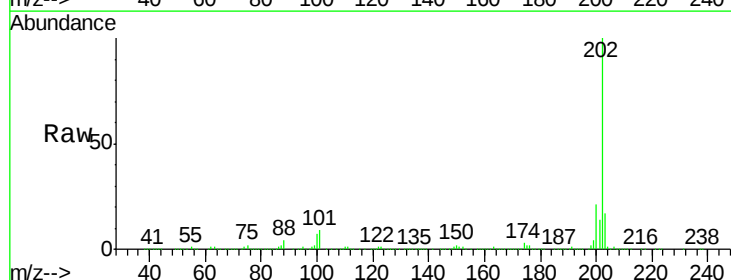
Tgt Ion:202 Resp: 555856

Ion Ratio Lower Upper

202 100

101 9.0 0.0 30.8

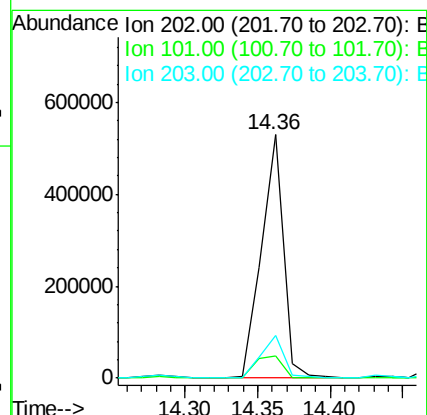
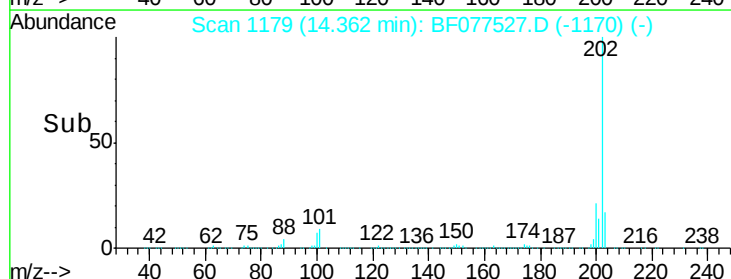
203 17.4 0.0 37.7

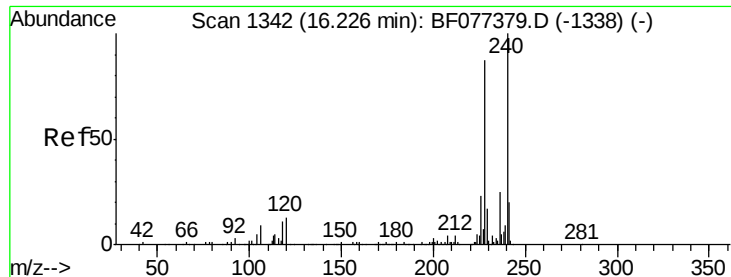


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.16 min Scan# 1336

Delta R.T. 0.03 min

Lab File: BF077527.D

Acq: 2 Mar 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SB5

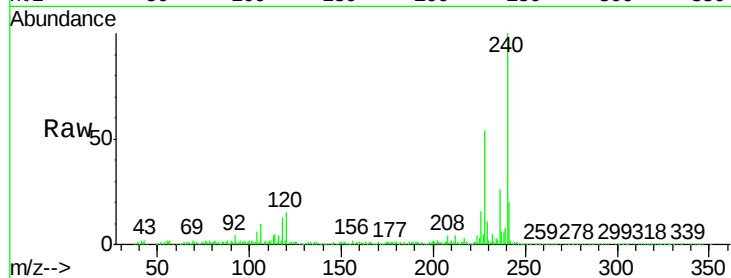
Tgt Ion:240 Resp: 450027

Ion Ratio Lower Upper

240 100

120 14.7 8.8 13.2#

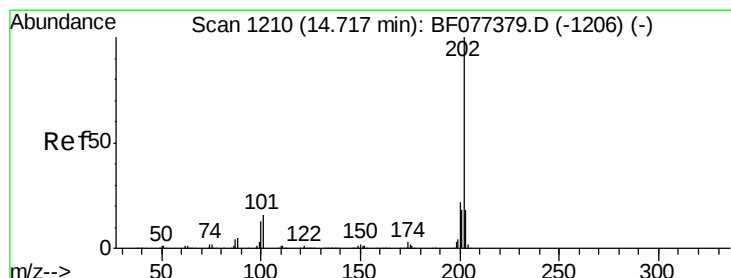
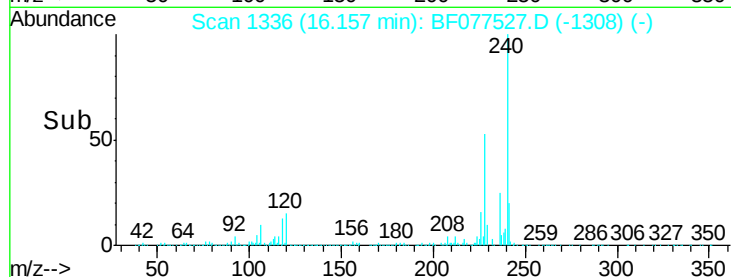
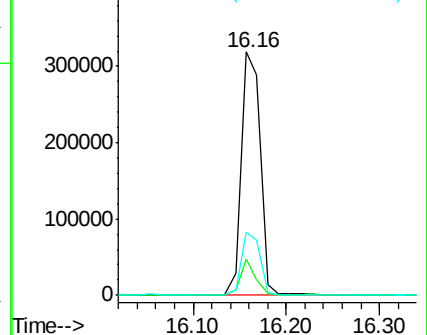
236 26.2 20.7 31.1



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: 22.38 ng

RT: 14.64 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF077527.D

Acq: 2 Mar 2015 17:30

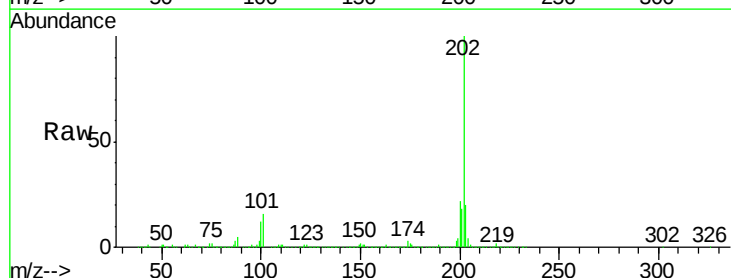
Tgt Ion:202 Resp: 616053

Ion Ratio Lower Upper

202 100

200 21.6 17.1 25.7

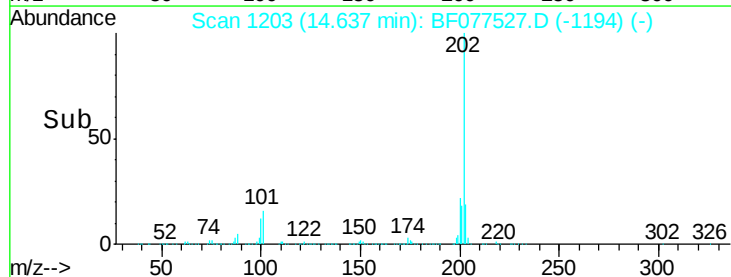
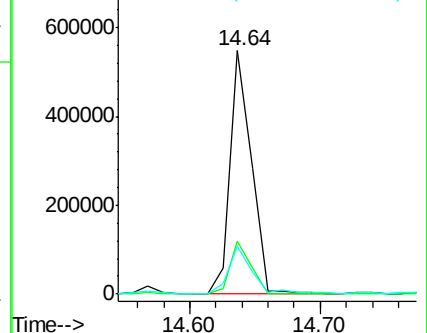
203 19.7 14.2 21.2

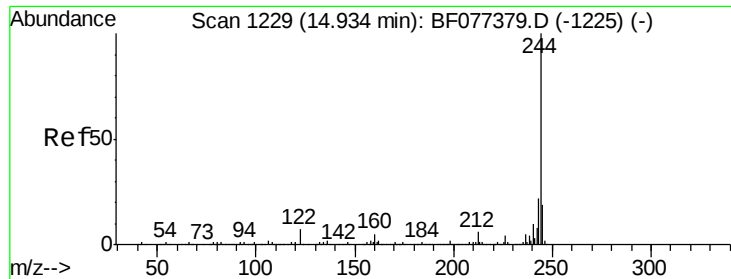


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

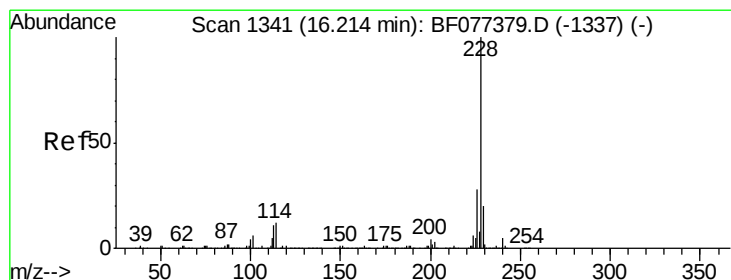
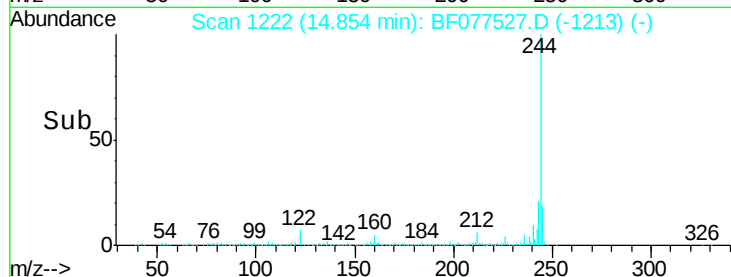
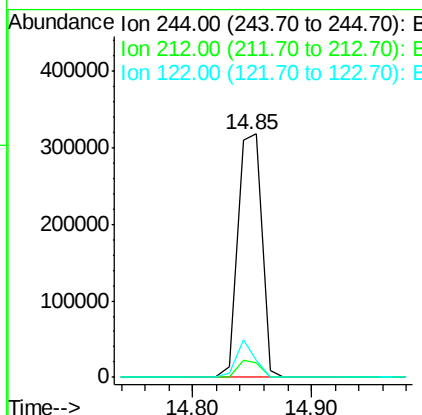
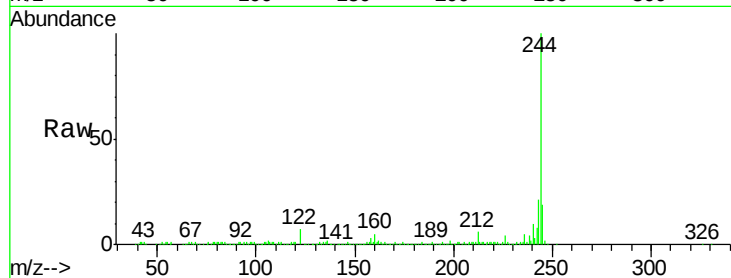




#78
 Terphenyl-d14
 Concen: 23.36 ng
 RT: 14.85 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF077527.D
 Acq: 2 Mar 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SB5

Tgt Ion:244 Resp: 449669
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.2 7.8
 122 7.1 7.8 11.8#



#80
 Benzo(a)anthracene
 Concen: 8.68 ng
 RT: 16.19 min Scan# 1339
 Delta R.T. 0.07 min
 Lab File: BF077527.D
 Acq: 2 Mar 2015 17:30

Tgt Ion:228 Resp: 228969
 Ion Ratio Lower Upper
 228 100
 226 29.3 22.0 33.0
 229 22.6 15.8 23.8

