

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
 Data File : BF077533.D
 Acq On : 2 Mar 2015 20:21
 Operator : TP/IZ
 Sample : G1399-06
 Misc : S
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB14

Quant Time: Mar 03 03:16:59 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

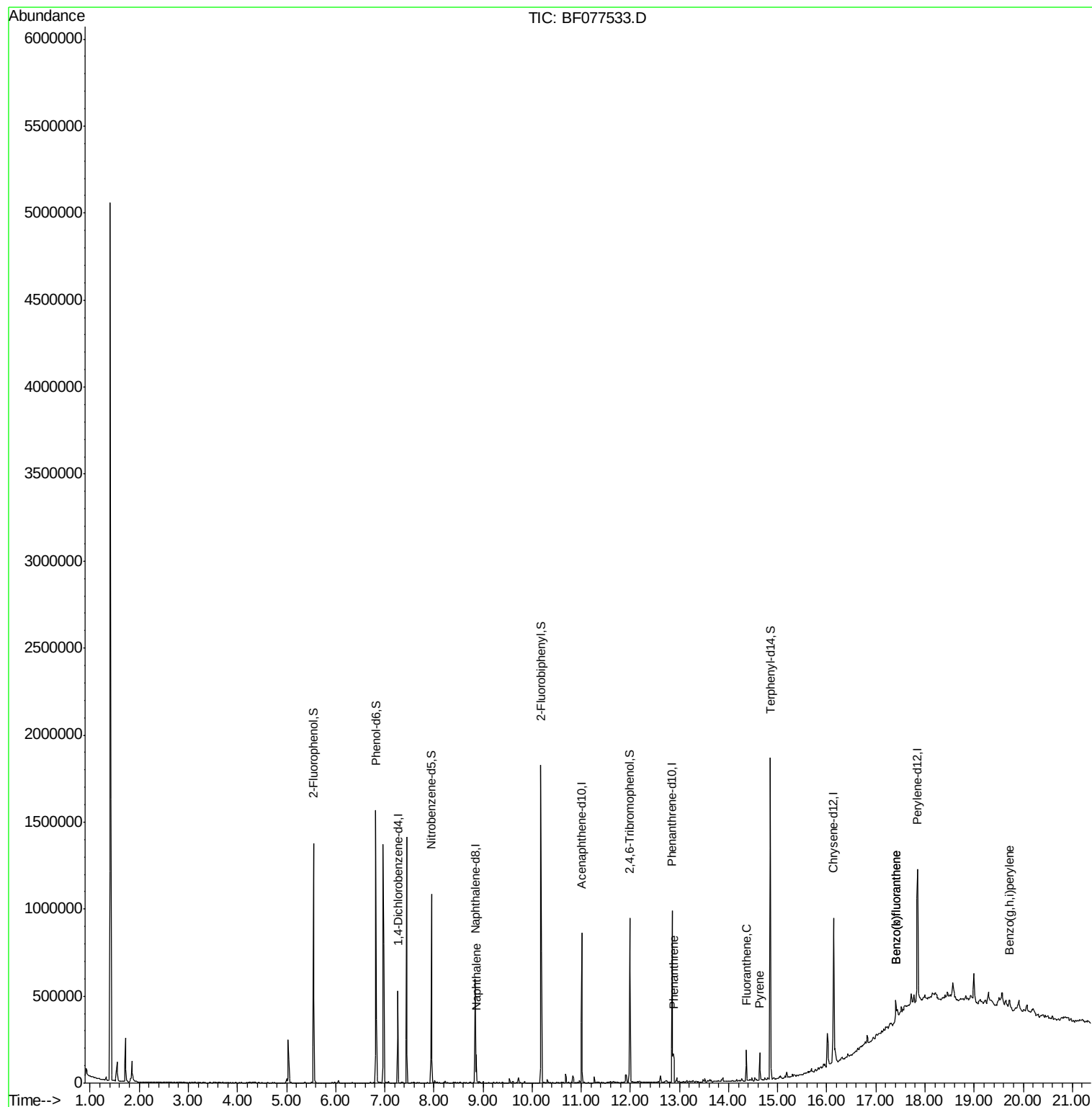
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	96122	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	377756	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	191086	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	366105	20.00	ng	0.00
75) Chrysene-d12	16.14	240	415334	20.00	ng	0.00
86) Perylene-d12	17.85	264	406582	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	427828	74.30	ng	0.00
7) Phenol-d6	6.82	99	528410	71.38	ng	0.00
23) Nitrobenzene-d5	7.95	82	319689	52.63	ng	0.00
41) 2,4,6-Tribromophenol	11.99	330	143077	77.76	ng	0.00
44) 2-Fluorobiphenyl	10.18	172	656385	53.56	ng	0.00
78) Terphenyl-d14	14.85	244	813762	45.80	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.86	128	72485	3.84	ng	99
70) Phenanthrene	12.88	178	89518	4.22	ng	98
74) Fluoranthene	14.36	202	86507	3.73	ng	97
77) Pyrene	14.64	202	71682	2.82	ng	98
87) Benzo(b)fluoranthene	17.41	252	84427	3.57	ng	# 86
88) Benzo(k)fluoranthene	17.41	252	84918	3.66	ng	# 89
91) Benzo(g,h,i)perylene	19.72	276	46727	2.16	ng	97

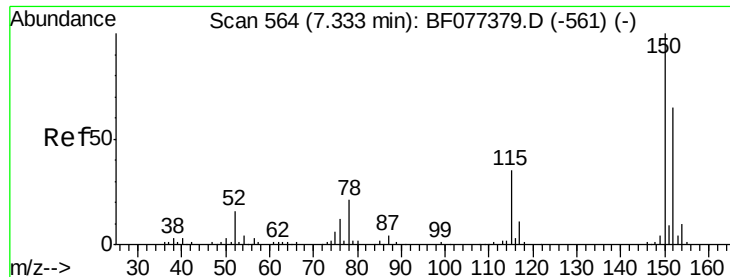
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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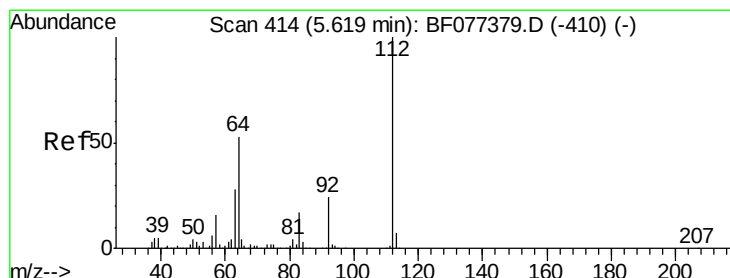
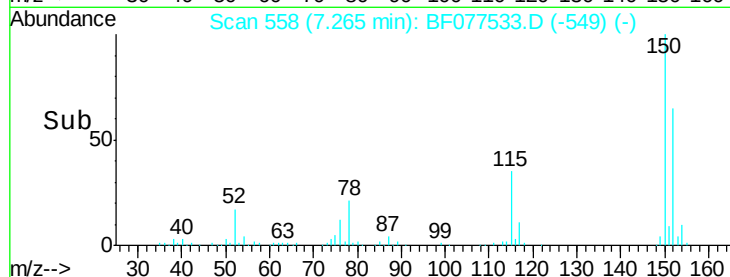
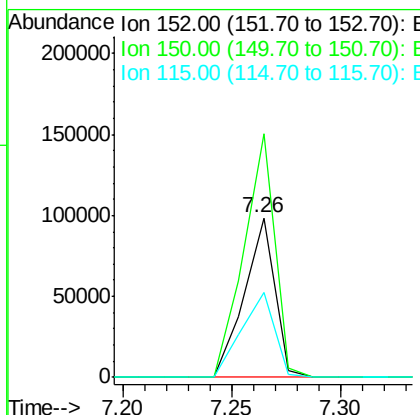
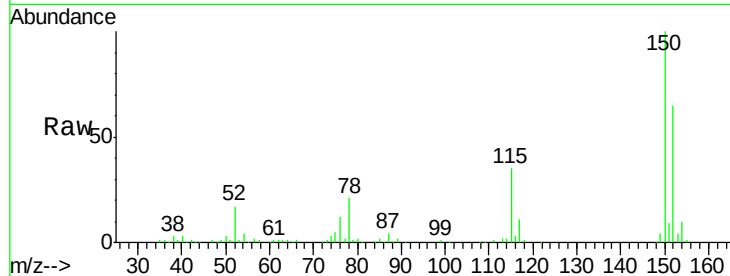




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.26 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF077533.D
 Acq: 2 Mar 2015 20:21

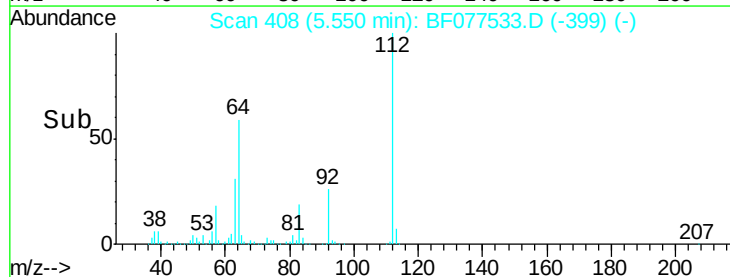
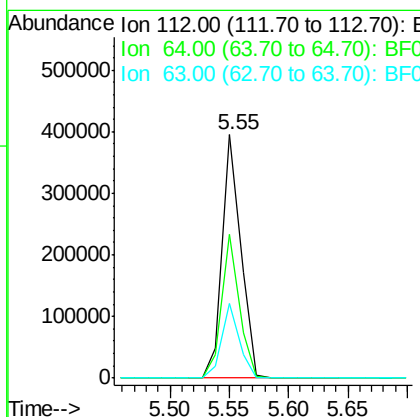
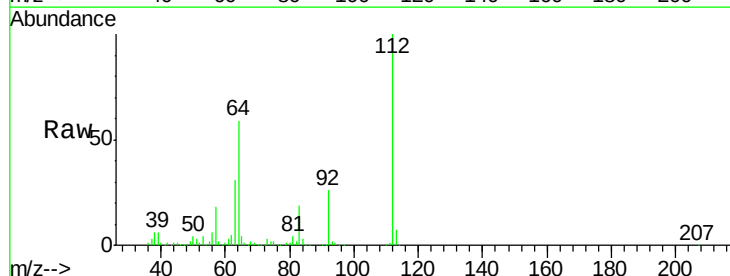
Instrument :
 BNA_F
 ClientSampleId :
 SB14

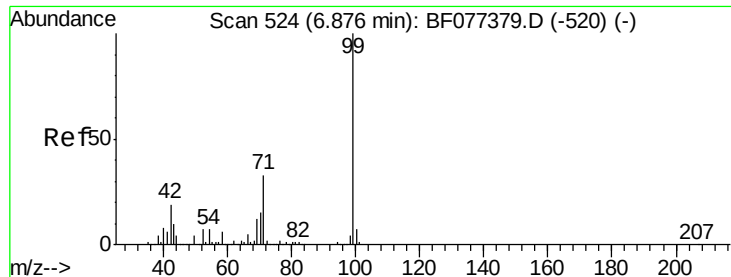
Tgt Ion:152 Resp: 96122
 Ion Ratio Lower Upper
 152 100
 150 152.8 124.0 186.0
 115 53.5 49.4 74.2



#5
 2-Fluorophenol
 Concen: 74.30 ng
 RT: 5.55 min Scan# 408
 Delta R.T. 0.01 min
 Lab File: BF077533.D
 Acq: 2 Mar 2015 20:21

Tgt Ion:112 Resp: 427828
 Ion Ratio Lower Upper
 112 100
 64 59.2 48.5 72.7
 63 30.9 25.0 37.4





#7

Phenol-d6

Concen: 71.38 ng

RT: 6.82 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF077533.D

Acq: 2 Mar 2015 20:21

Instrument :

BNA_F

ClientSampleId :

SB14

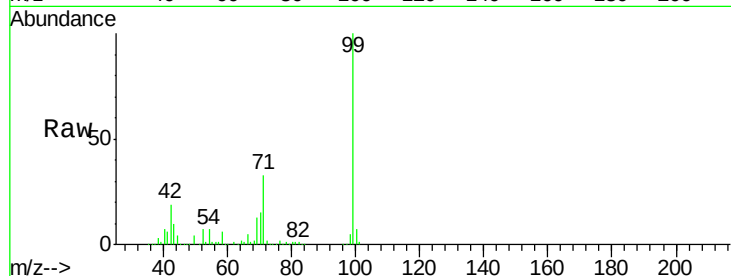
Tgt Ion: 99 Resp: 528410

Ion Ratio Lower Upper

99 100

42 18.8 16.2 24.4

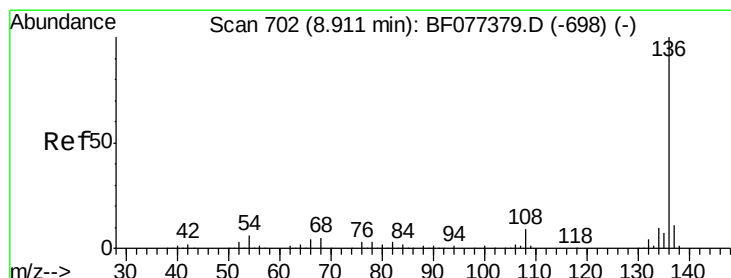
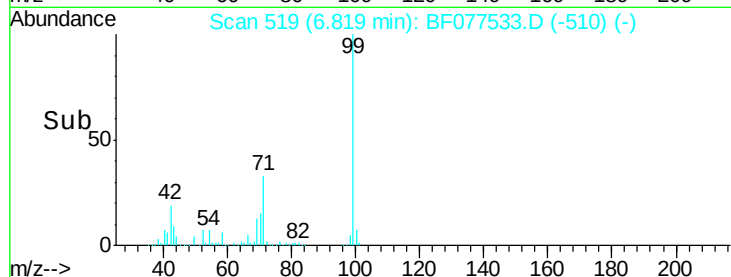
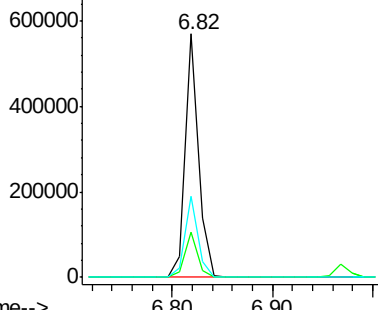
71 33.4 26.7 40.1



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: BF077533.D

Acq: 2 Mar 2015 20:21

Tgt Ion: 136 Resp: 377756

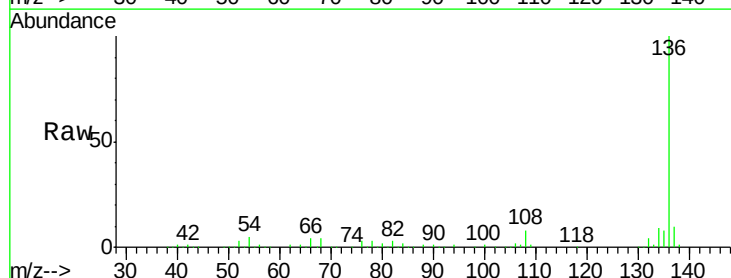
Ion Ratio Lower Upper

136 100

137 10.1 8.6 13.0

54 5.4 6.2 9.4#

68 4.2 5.0 7.6#

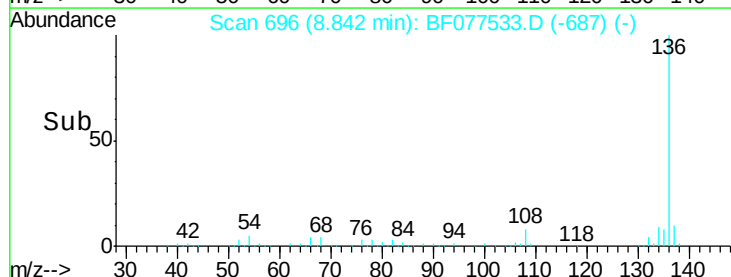
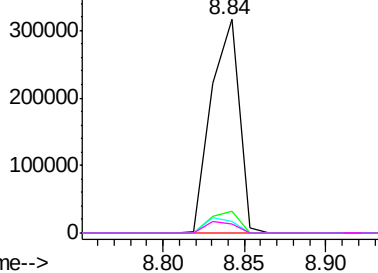


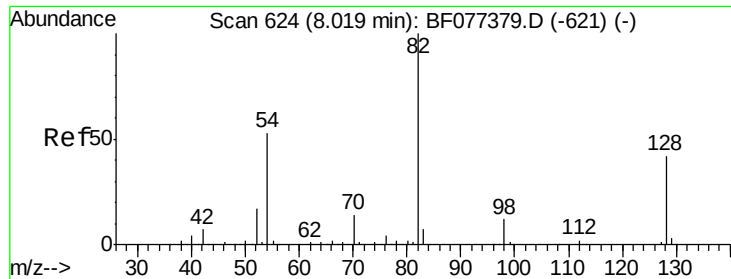
Abundance Ion 136.00 (135.70 to 136.70): E

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

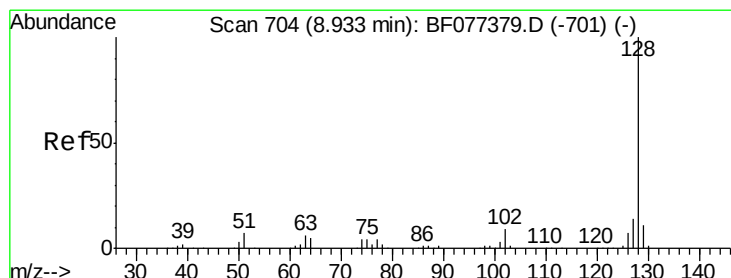
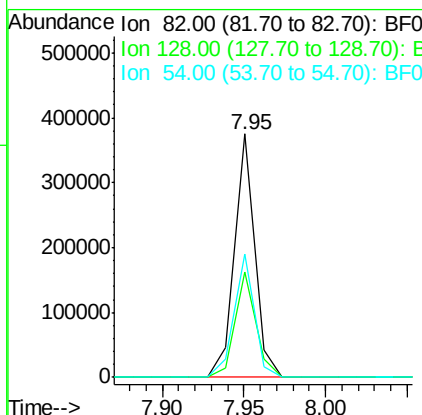
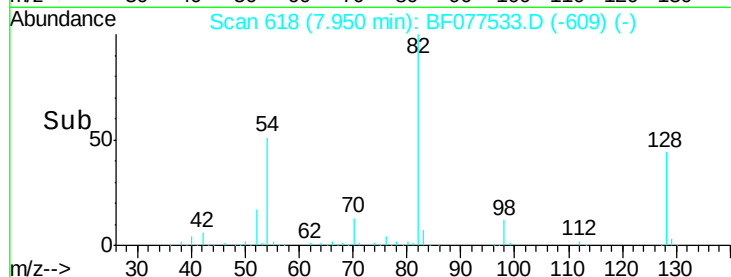
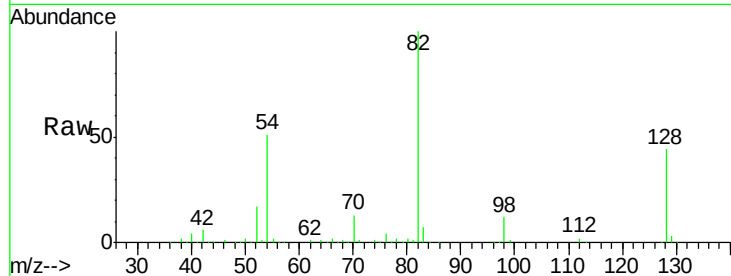




#23
 Nitrobenzene-d5
 Concen: 52.63 ng
 RT: 7.95 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF077533.D
 Acq: 2 Mar 2015 20:21

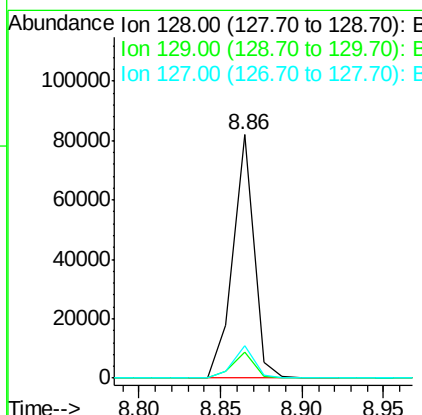
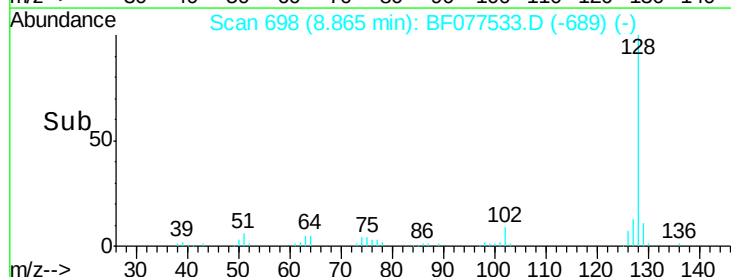
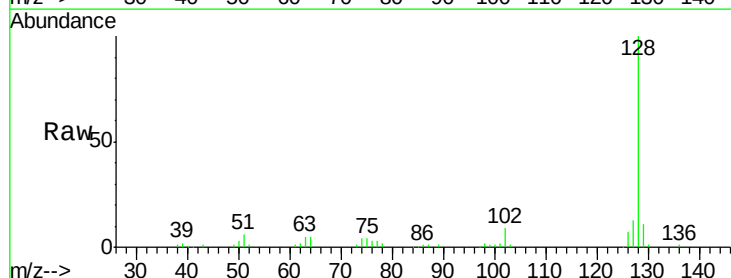
Instrument :
 BNA_F
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 SB14

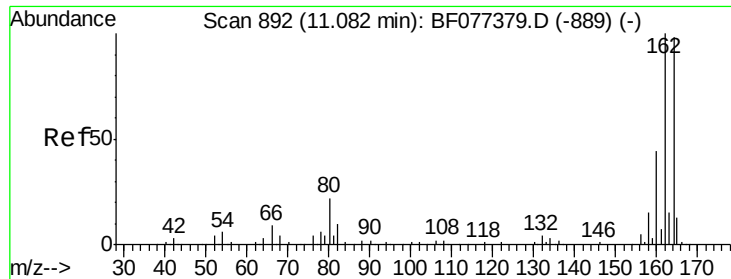
Tgt Ion: 82 Resp: 319689
 Ion Ratio Lower Upper
 82 100
 128 43.5 43.8 65.8#
 54 50.9 36.7 55.1



#31
 Naphthalene
 Concen: 3.84 ng
 RT: 8.86 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF077533.D
 Acq: 2 Mar 2015 20:21

Tgt Ion: 128 Resp: 72485
 Ion Ratio Lower Upper
 128 100
 129 10.7 9.4 14.0
 127 13.1 10.6 15.8

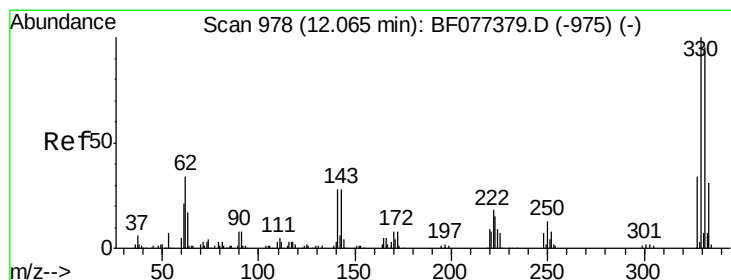
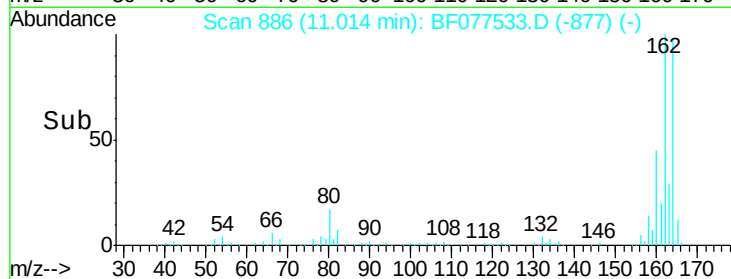
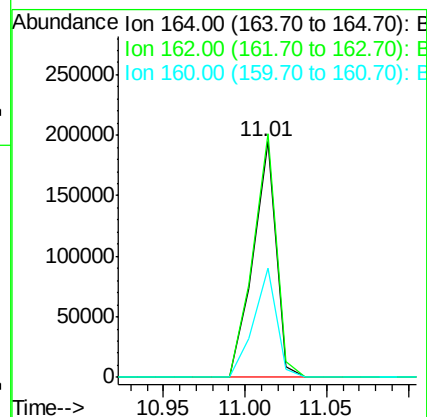
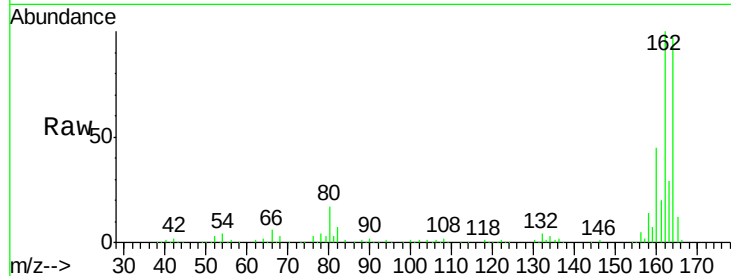




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF077533.D
 Acq: 2 Mar 2015 20:21

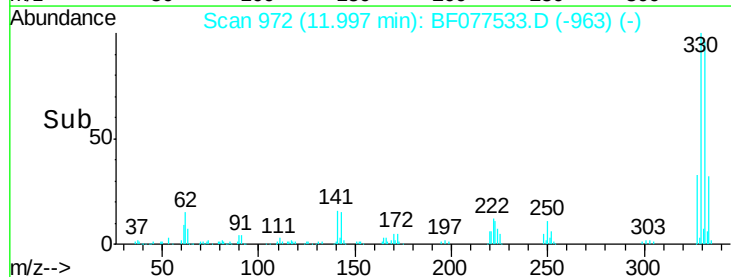
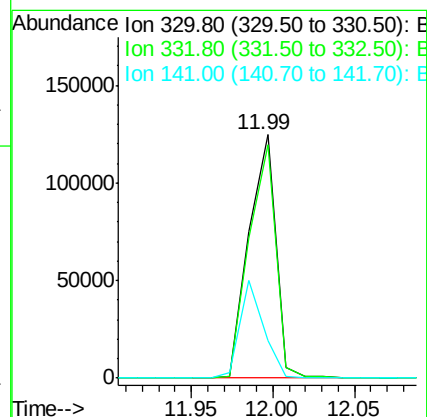
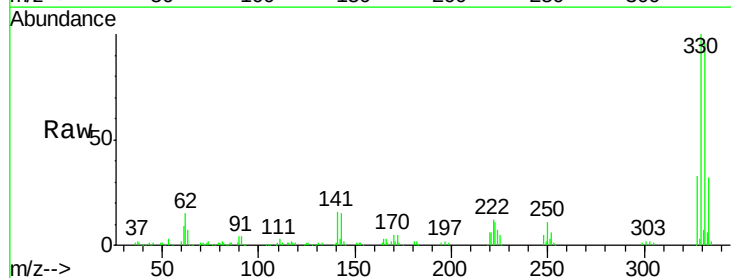
Instrument :
 BNA_F
 ClientSampleId :
 SB14

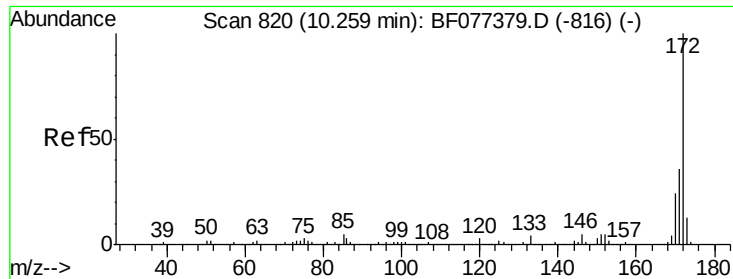
Tgt Ion:164 Resp: 191086
 Ion Ratio Lower Upper
 164 100
 162 103.4 83.2 124.8
 160 46.5 34.6 52.0



#41
 2,4,6-Tribromophenol
 Concen: 77.76 ng
 RT: 11.99 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF077533.D
 Acq: 2 Mar 2015 20:21

Tgt Ion:330 Resp: 143077
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 35.6 28.8 43.2

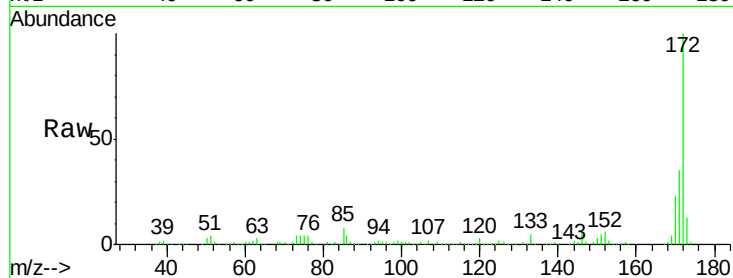




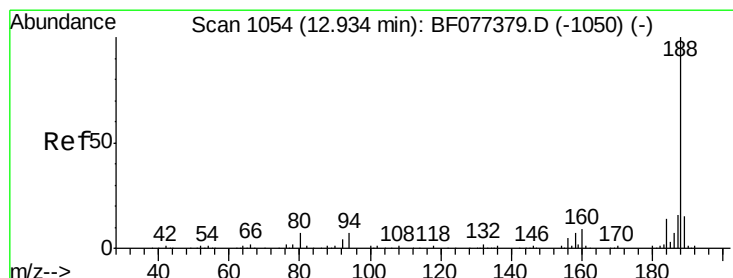
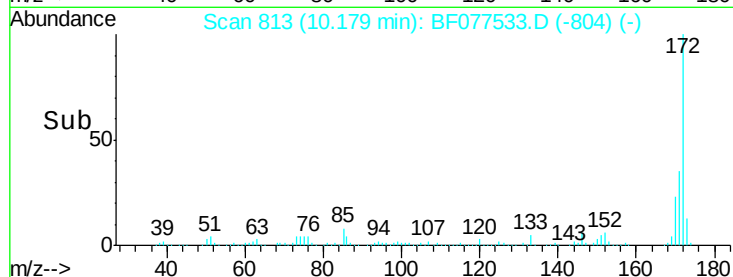
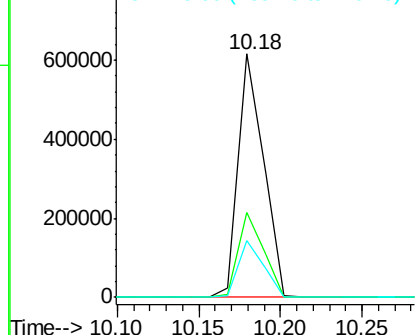
#44
 2-Fluorobiphenyl
 Concen: 53.56 ng
 RT: 10.18 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF077533.D
 Acq: 2 Mar 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 SB14

Tgt Ion:172 Resp: 656385
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.9 43.3
 170 23.5 19.4 29.2

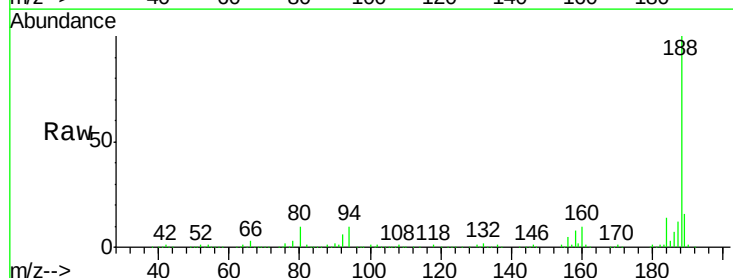


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

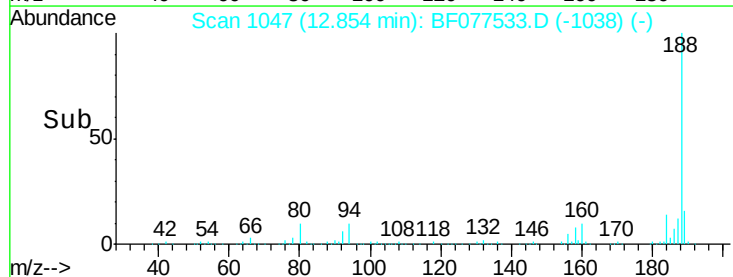
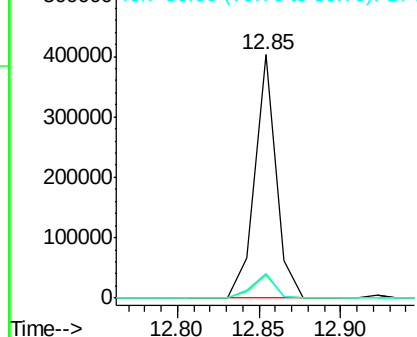


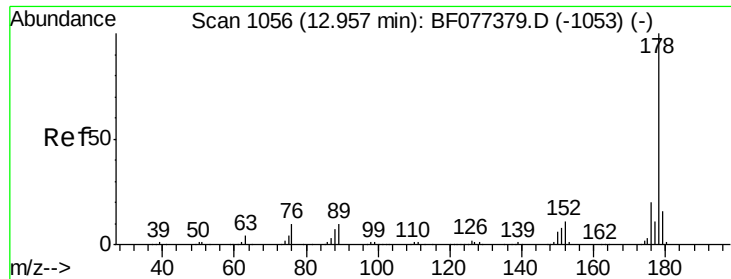
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.85 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF077533.D
 Acq: 2 Mar 2015 20:21

Tgt Ion:188 Resp: 366105
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.4 11.2
 80 9.9 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

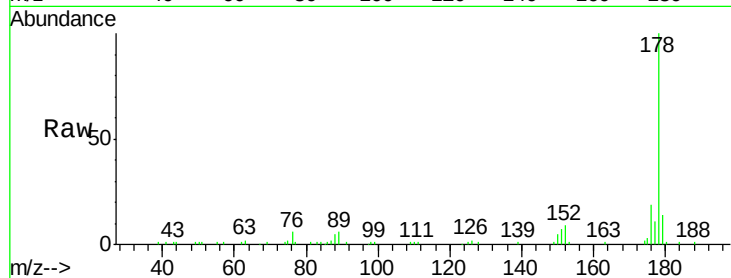




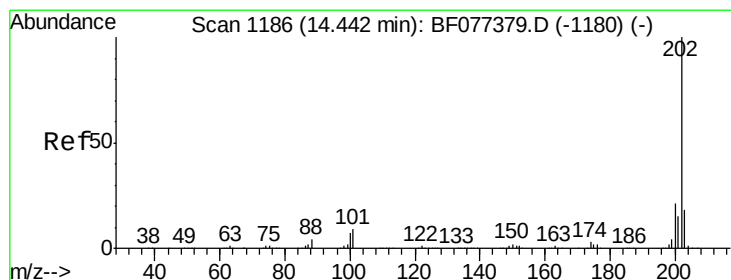
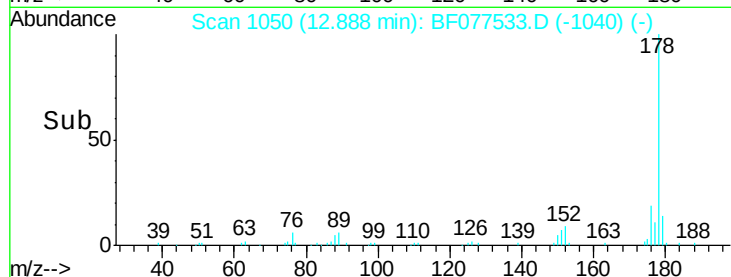
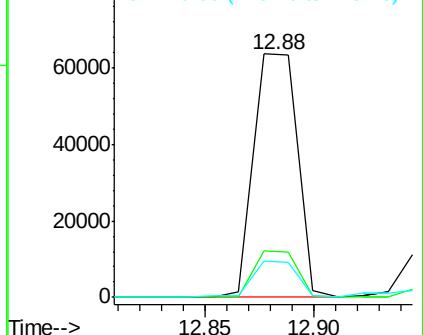
#70
Phenanthrene
Concen: 4.22 ng
RT: 12.88 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF077533.D
Acq: 2 Mar 2015 20:21

Instrument :
BNA_F
ClientSampleId :
SB14

Tgt Ion:178 Resp: 89518
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 14.2 12.2 18.2

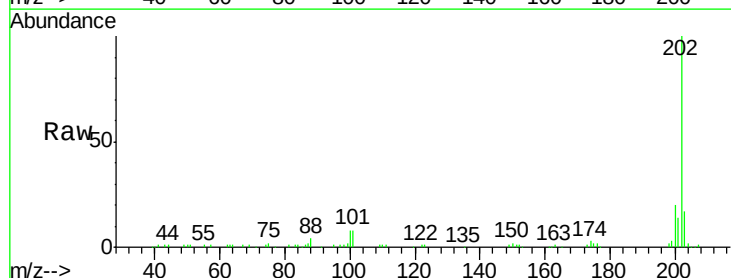


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

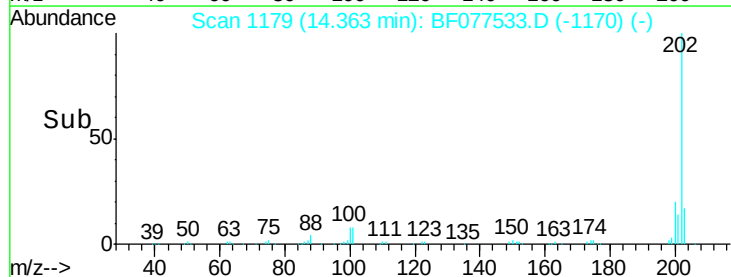
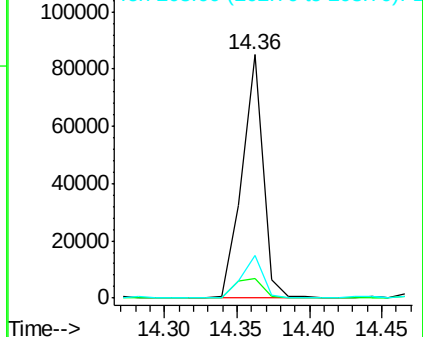


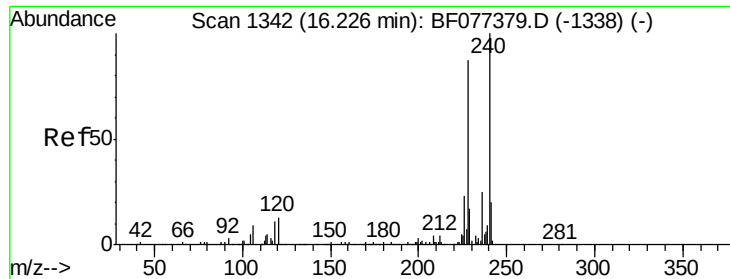
#74
Fluoranthene
Concen: 3.73 ng
RT: 14.36 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BF077533.D
Acq: 2 Mar 2015 20:21

Tgt Ion:202 Resp: 86507
Ion Ratio Lower Upper
202 100
101 8.2 0.0 30.8
203 17.5 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: 16.14 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF077533.D

Acq: 2 Mar 2015 20:21

Instrument :

BNA_F

ClientSampleId :

SB14

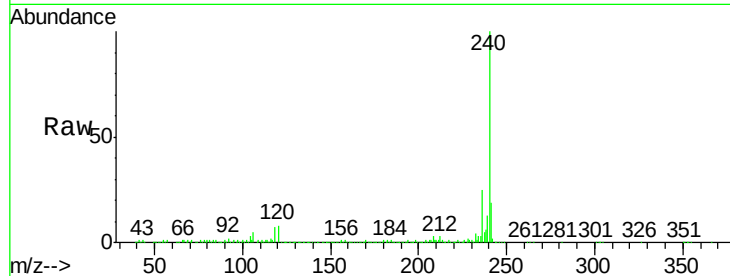
Tgt Ion:240 Resp: 415334

Ion Ratio Lower Upper

240 100

120 7.6 8.8 13.2#

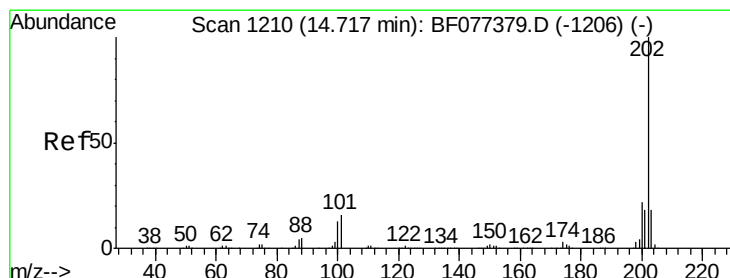
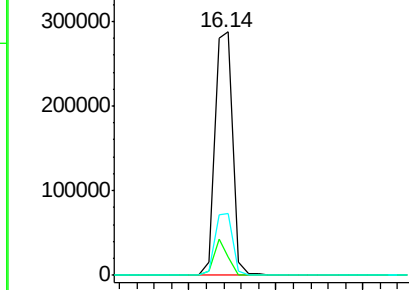
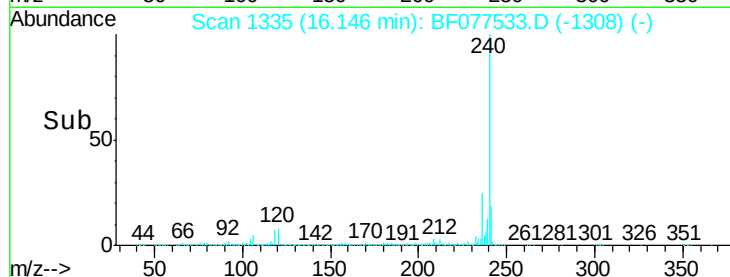
236 25.2 20.7 31.1



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: 2.82 ng

RT: 14.64 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF077533.D

Acq: 2 Mar 2015 20:21

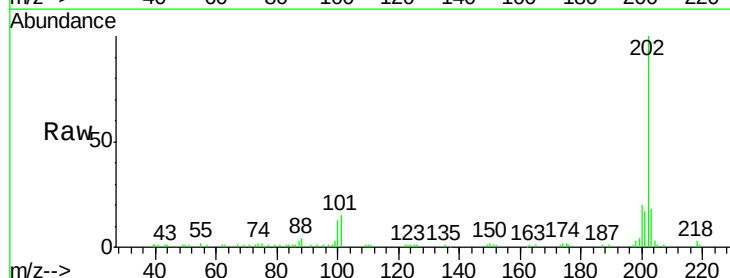
Tgt Ion:202 Resp: 71682

Ion Ratio Lower Upper

202 100

200 19.9 17.1 25.7

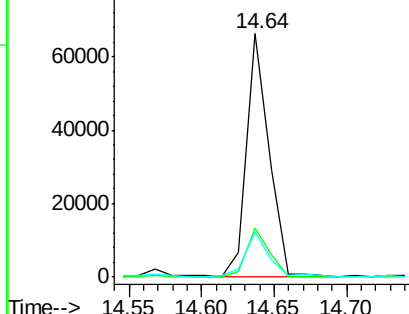
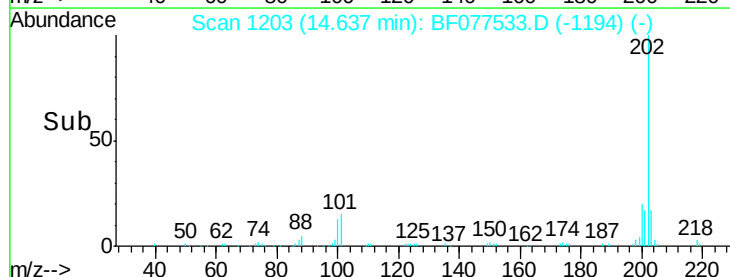
203 18.4 14.2 21.2

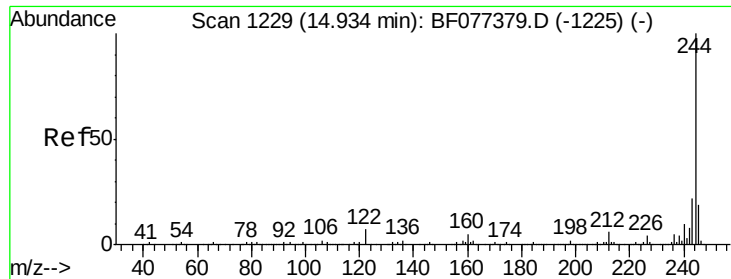


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

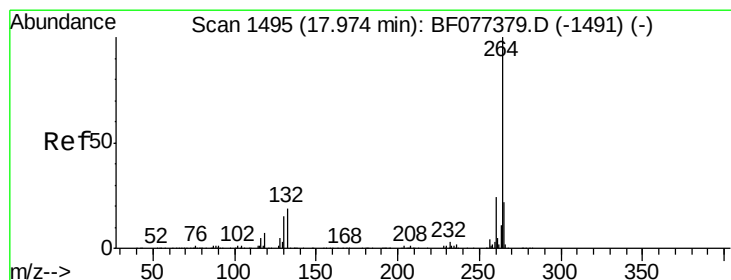
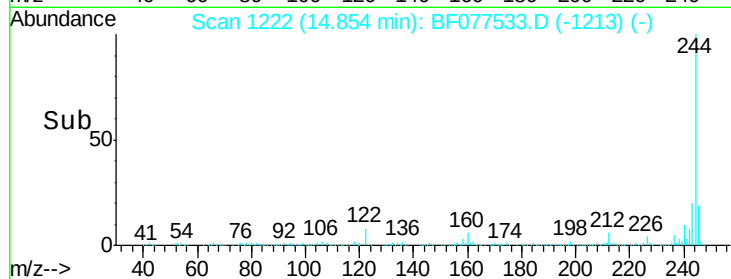
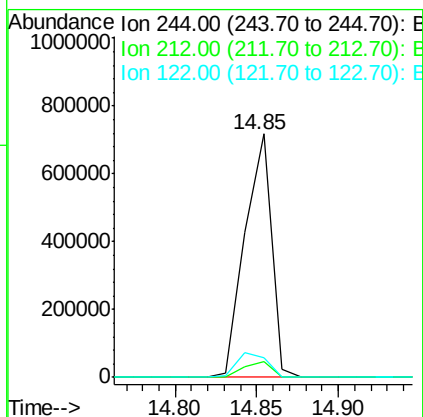
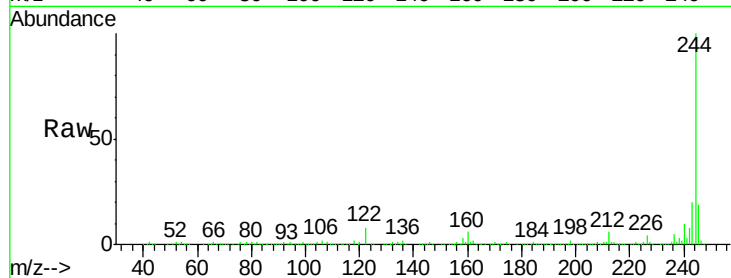




#78
 Terphenyl-d14
 Concen: 45.80 ng
 RT: 14.85 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF077533.D
 Acq: 2 Mar 2015 20:21

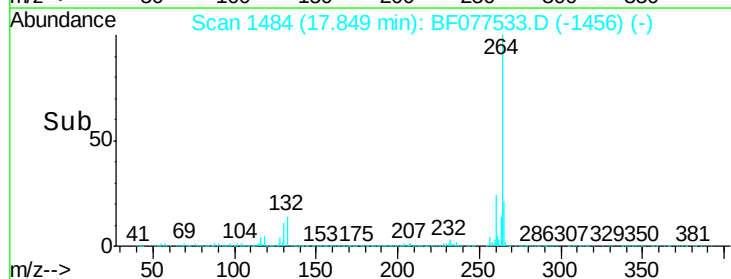
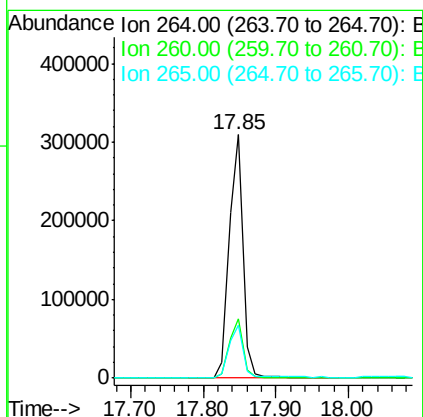
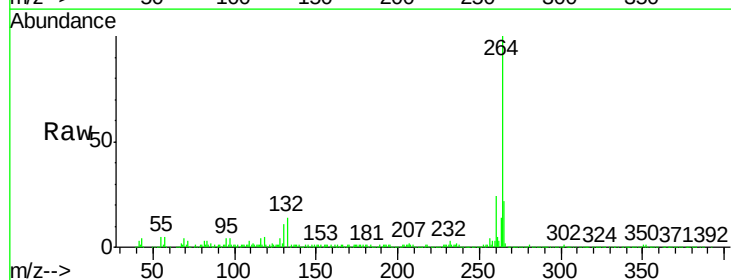
Instrument :
 BNA_F
 ClientSampleId :
 SB14

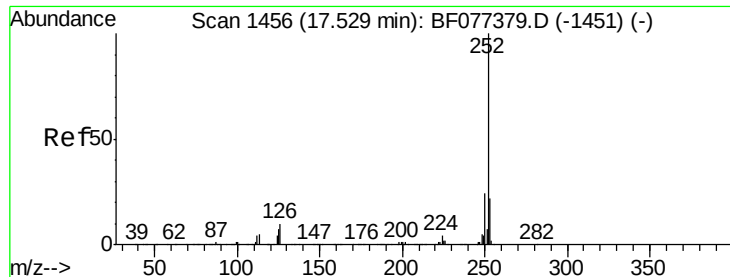
Tgt Ion: 244 Resp: 813762
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.2 7.8
 122 8.0 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.85 min Scan# 1484
 Delta R.T. 0.02 min
 Lab File: BF077533.D
 Acq: 2 Mar 2015 20:21

Tgt Ion: 264 Resp: 406582
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 21.7 16.8 25.2





#87

Benzo(b)fluoranthene

Concen: 3.57 ng

RT: 17.41 min Scan# 1446

Delta R.T. 0.02 min

Lab File: BF077533.D

Acq: 2 Mar 2015 20:21

Instrument :

BNA_F

ClientSampled :

SB14

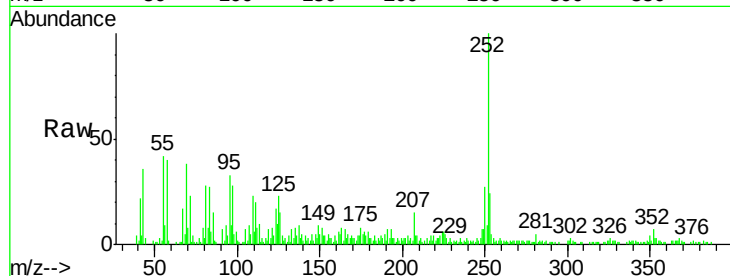
Tgt Ion:252 Resp: 84427

Ion Ratio Lower Upper

252 100

253 23.8 17.6 26.4

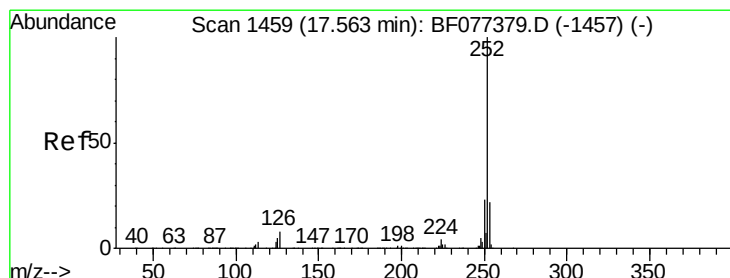
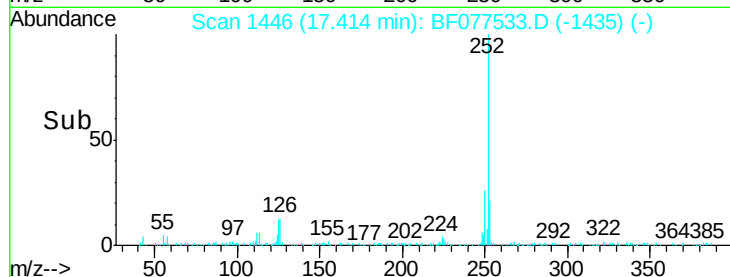
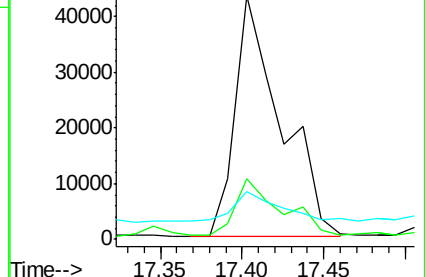
125 22.9 5.4 8.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 3.66 ng

RT: 17.41 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF077533.D

Acq: 2 Mar 2015 20:21

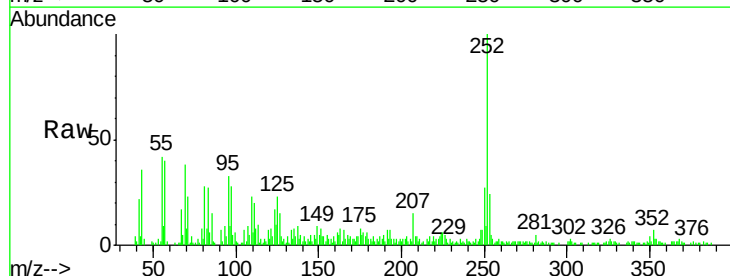
Tgt Ion:252 Resp: 84918

Ion Ratio Lower Upper

252 100

253 23.8 18.1 27.1

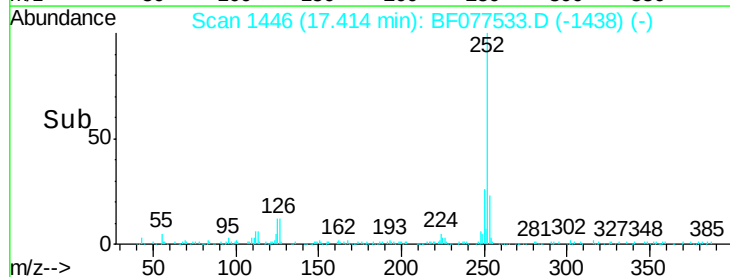
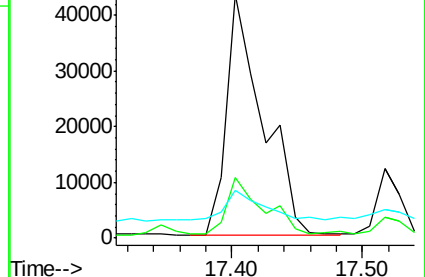
125 22.9 10.1 15.1#

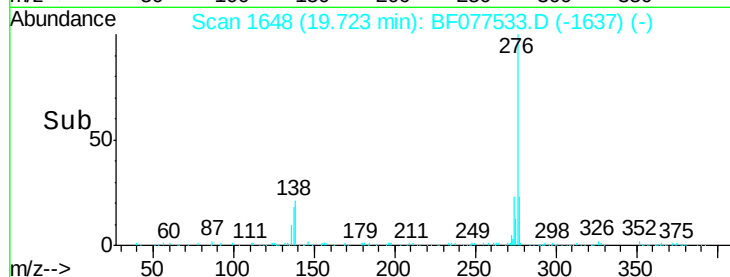
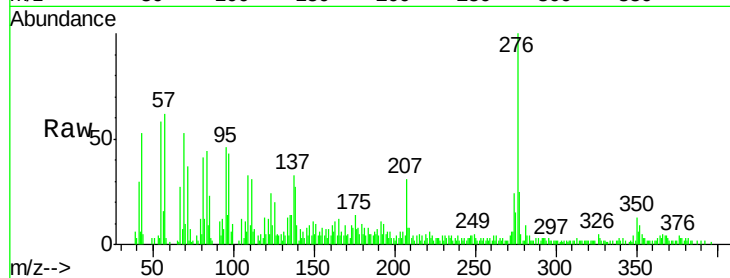
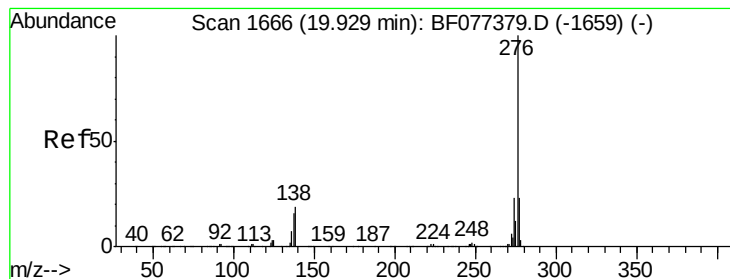


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(g,h,i)perylene

Concen: 2.16 ng

RT: 19.72 min Scan# 1648

Delta R.T. 0.02 min

Lab File: BF077533.D

Acq: 2 Mar 2015 20:21

Instrument :

BNA_F

ClientSampleId :

SB14

Tgt Ion: 276 Resp: 46727

Ion Ratio Lower Upper

276 100

277 25.3 18.9 28.3

138 27.1 20.5 30.7

