

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077491.D
 Acq On : 27 Feb 2015 5:29
 Operator : TP/IZ
 Sample : G1385-13
 Misc : S
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-13-D9

Quant Time: Feb 27 07:18:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 07:02:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	76301	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	310674	20.00	ng	0.00
38) Acenaphthene-d10	11.02	164	161565	20.00	ng	0.00
63) Phenanthrene-d10	12.86	188	349019	20.00	ng	0.00
75) Chrysene-d12	16.16	240	367274	20.00	ng	0.00
86) Perylene-d12	17.90	264	335297	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	318769	69.75	ng	0.01
7) Phenol-d6	6.83	99	423018	71.99	ng	0.00
23) Nitrobenzene-d5	7.96	82	247125	49.46	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	111727	71.82	ng	0.00
44) 2-Fluorobiphenyl	10.19	172	471166	45.47	ng	0.00
78) Terphenyl-d14	14.86	244	610900	38.89	ng	0.00

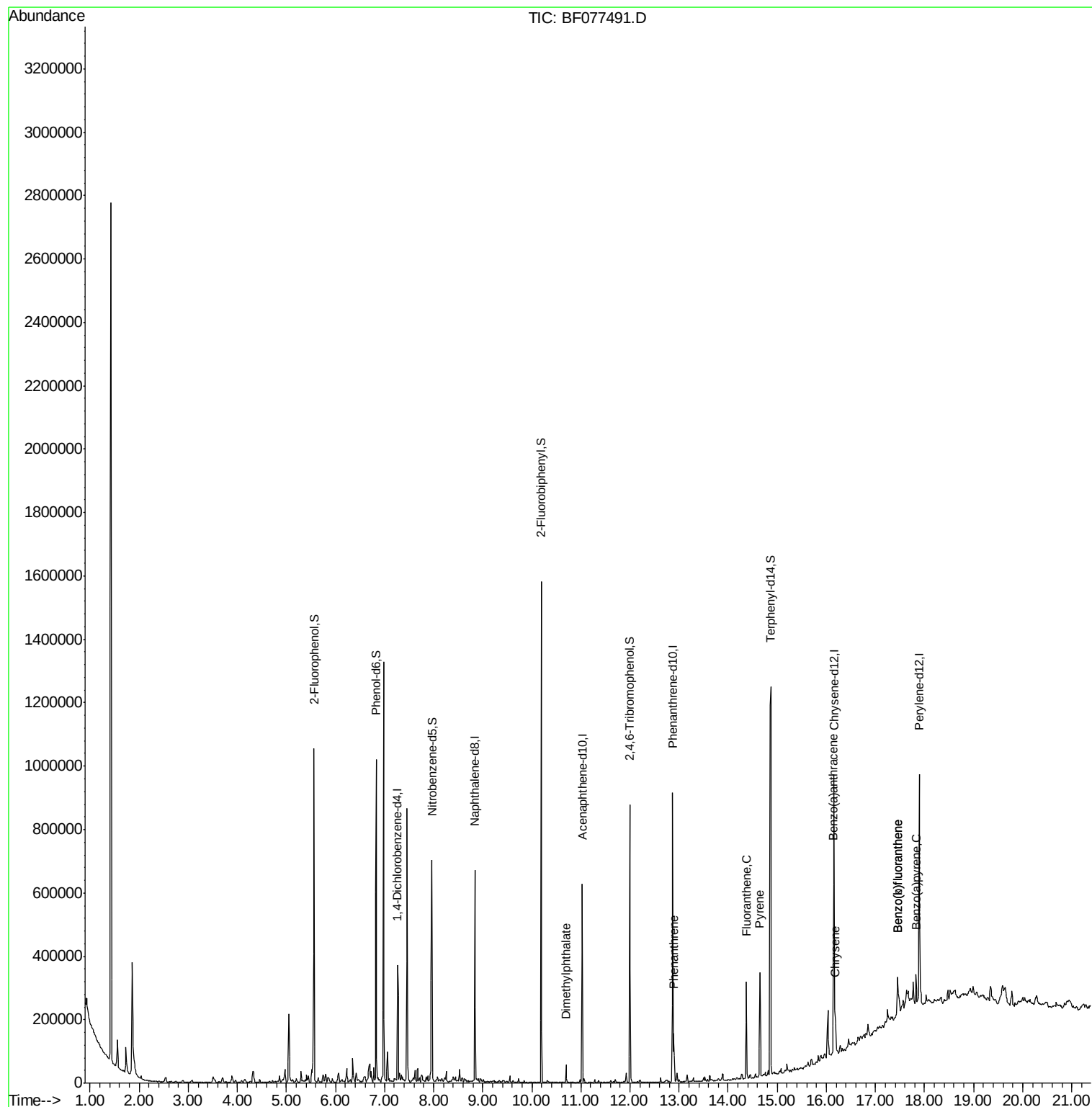
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	10.70	163	23447	2.06	ng	# 99
70) Phenanthrene	12.89	178	73625	3.64	ng	98
74) Fluoranthene	14.37	202	155758	7.05	ng	97
77) Pyrene	14.65	202	137433	6.12	ng	99
80) Benzo(a)anthracene	16.14	228	49766	2.31	ng	99
82) Chrysene	16.18	228	60991	3.02	ng	98
87) Benzo(b)fluoranthene	17.46	252	103726	5.32	ng	# 90
88) Benzo(k)fluoranthene	17.46	252	104259	5.46	ng	# 93
89) Benzo(a)pyrene	17.83	252	41577	2.24	ng	# 88

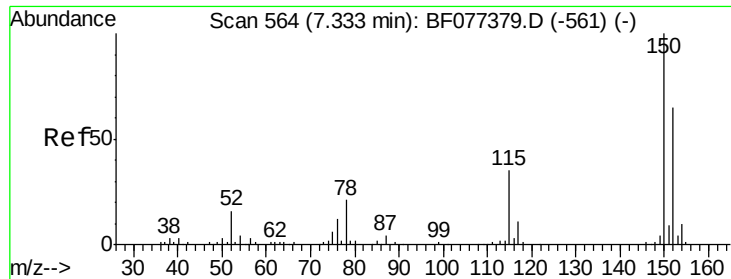
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077491.D
Acq On : 27 Feb 2015 5:29
Operator : TP/IZ
Sample : G1385-13
Misc : S
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-13-D9

Quant Time: Feb 27 07:18:18 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 27 07:02:57 2015
Response via : Initial Calibration

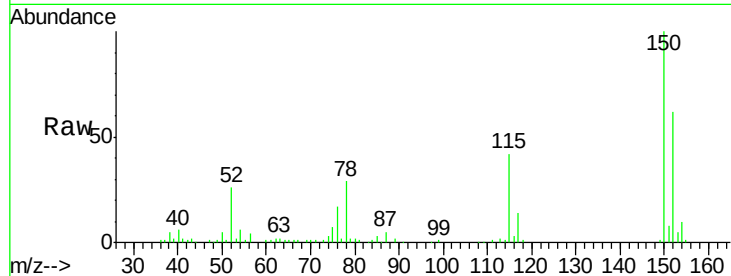




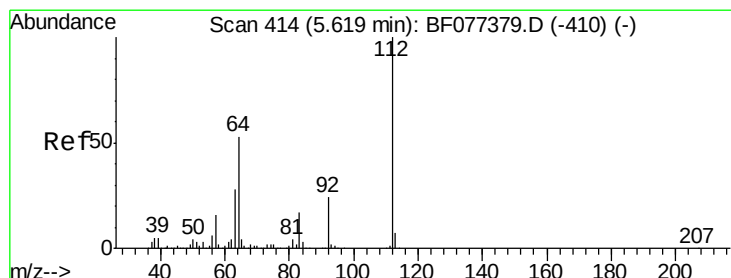
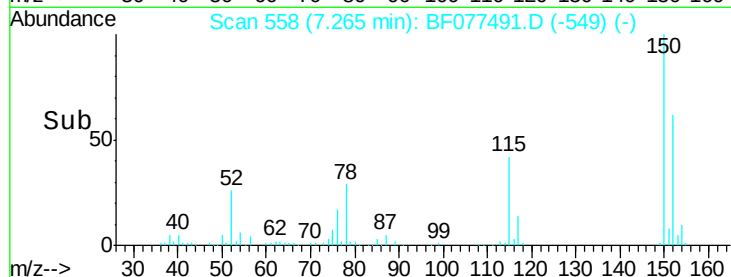
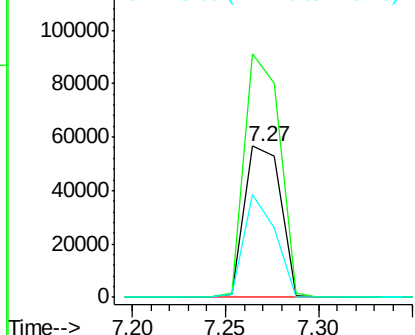
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.27 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: BF077491.D
 Acq: 27 Feb 2015 5:29

Instrument :
 BNA_F
 ClientSampleId :
 B-13-D9

Tgt Ion:152 Resp: 76301
 Ion Ratio Lower Upper
 152 100
 150 161.0 124.0 186.0
 115 67.6 49.4 74.2

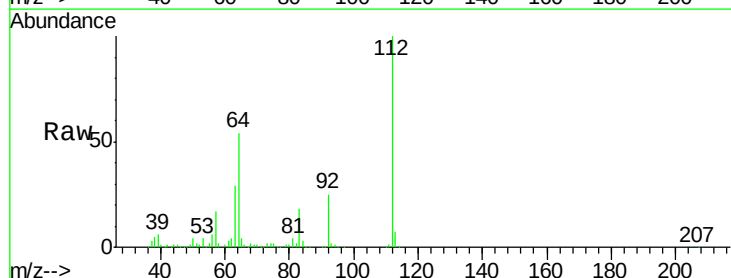


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

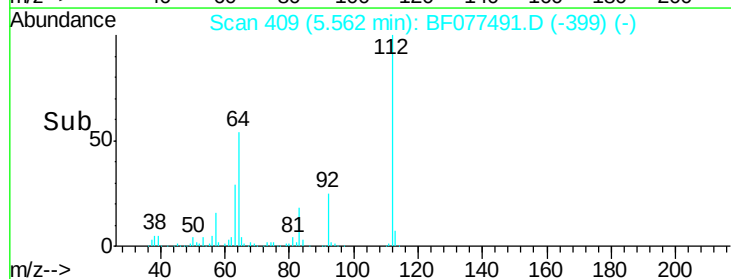
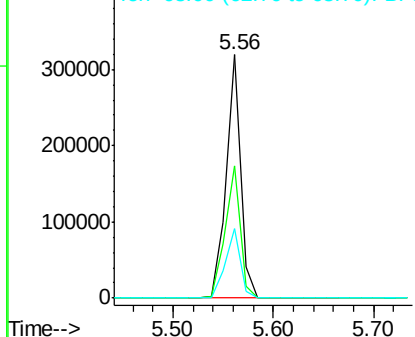


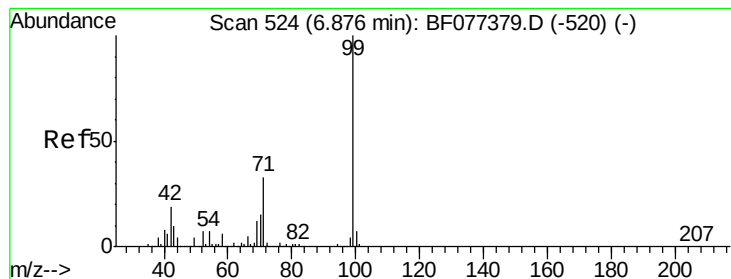
#5
 2-Fluorophenol
 Concen: 69.75 ng
 RT: 5.56 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: BF077491.D
 Acq: 27 Feb 2015 5:29

Tgt Ion:112 Resp: 318769
 Ion Ratio Lower Upper
 112 100
 64 54.4 48.5 72.7
 63 28.8 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: 71.99 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.01 min

Lab File: BF077491.D

Acq: 27 Feb 2015 5:29

Instrument :

BNA_F

ClientSampled :

B-13-D9

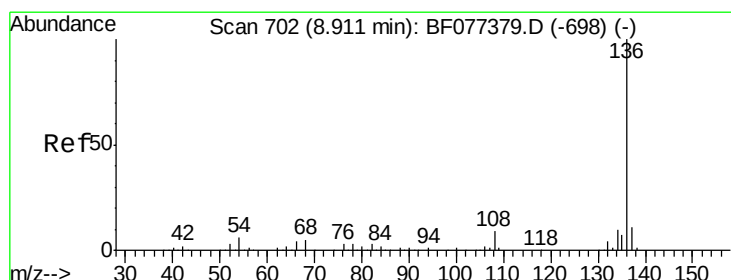
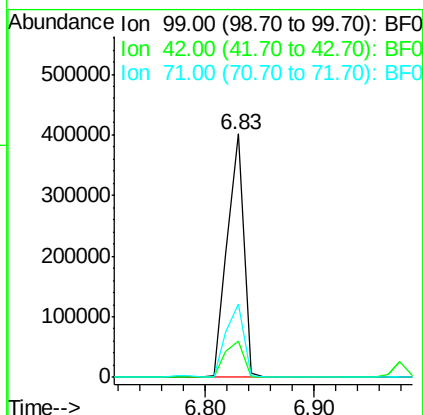
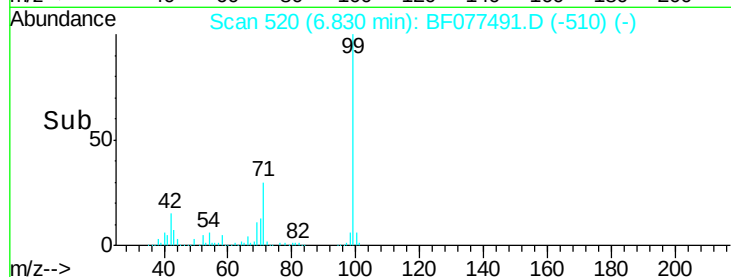
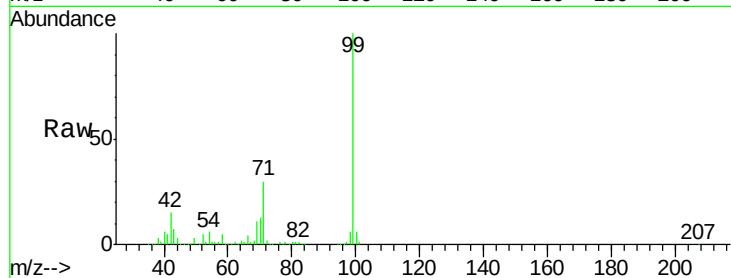
Tgt Ion: 99 Resp: 423018

Ion Ratio Lower Upper

99 100

42 14.7 16.2 24.4#

71 29.9 26.7 40.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.84 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF077491.D

Acq: 27 Feb 2015 5:29

Tgt Ion: 136 Resp: 310674

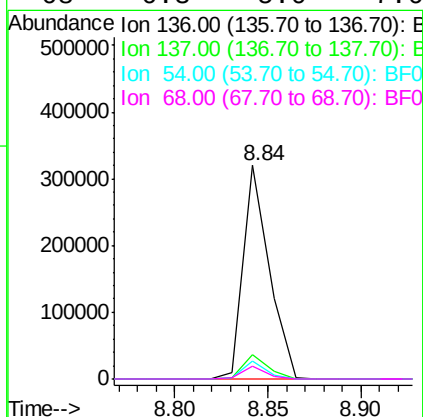
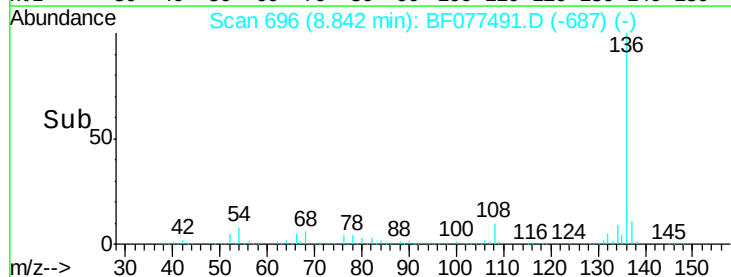
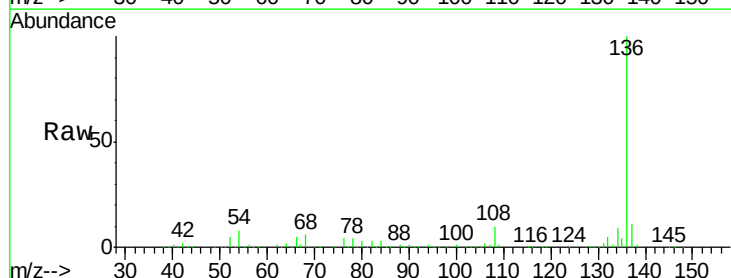
Ion Ratio Lower Upper

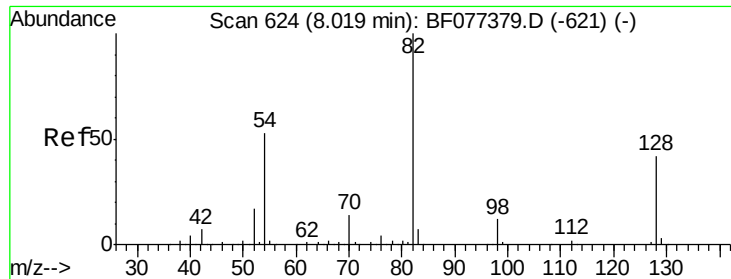
136 100

137 11.4 8.6 13.0

54 8.4 6.2 9.4

68 6.3 5.0 7.6

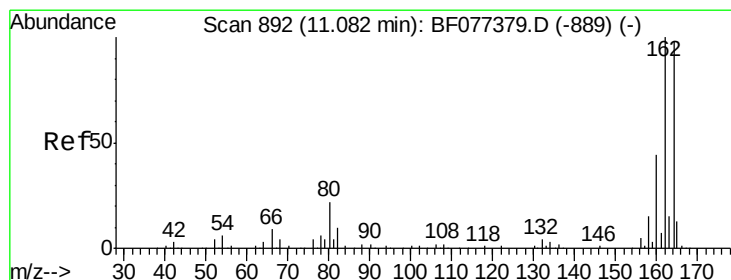
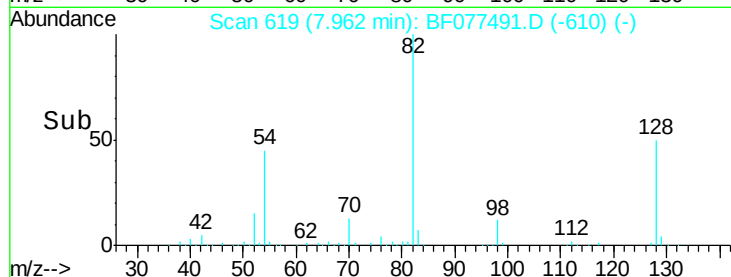
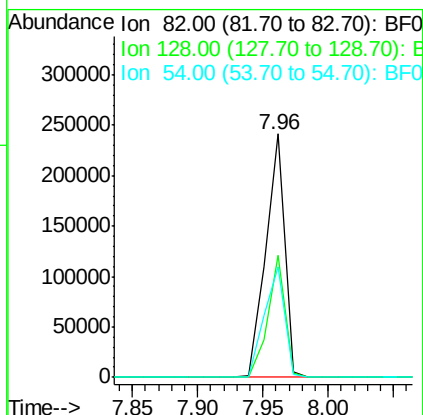
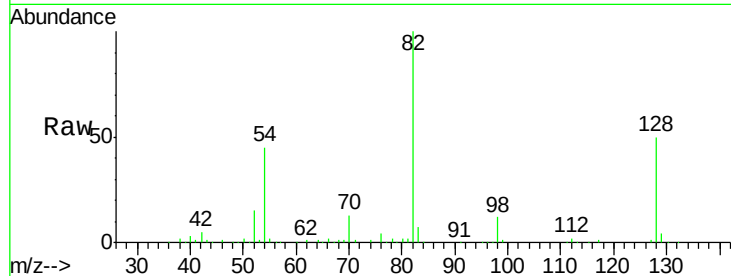




#23
 Nitrobenzene-d5
 Concen: 49.46 ng
 RT: 7.96 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF077491.D
 Acq: 27 Feb 2015 5:29

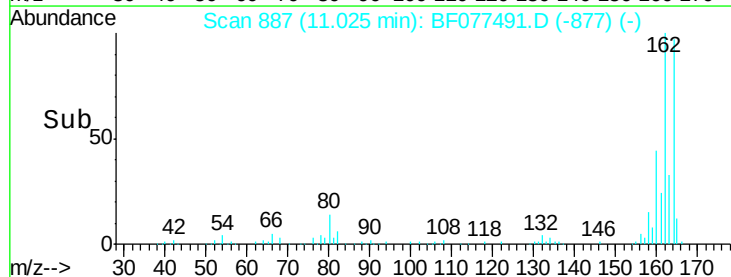
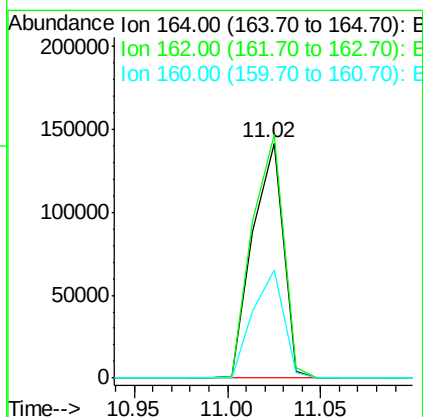
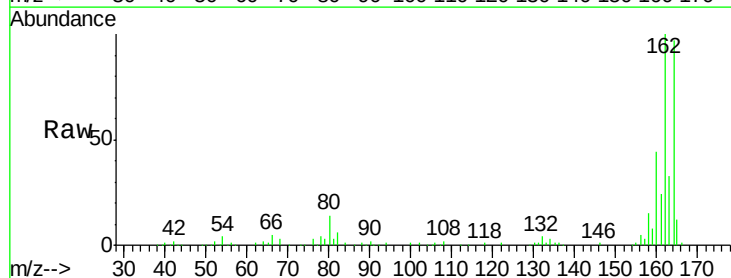
Instrument :
 BNA_F
 ClientSampleId :
 B-13-D9

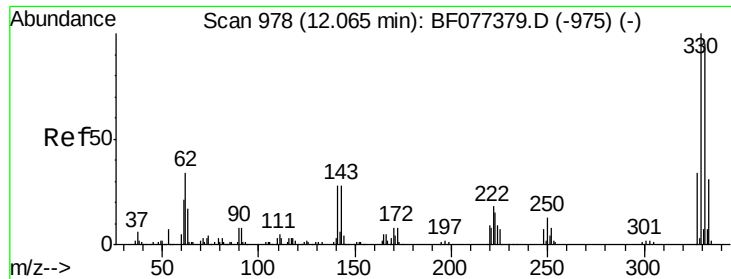
Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.0	43.8	65.8
54	45.3	36.7	55.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: BF077491.D
 Acq: 27 Feb 2015 5:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.2	124.8
160	45.8	34.6	52.0

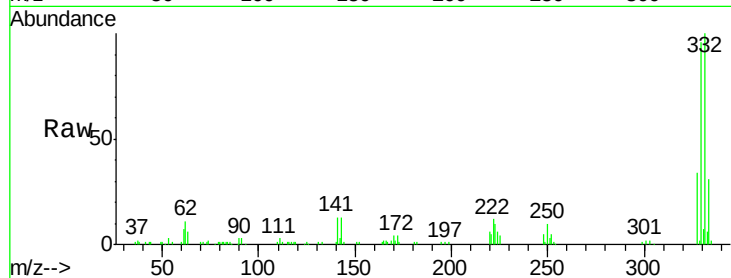




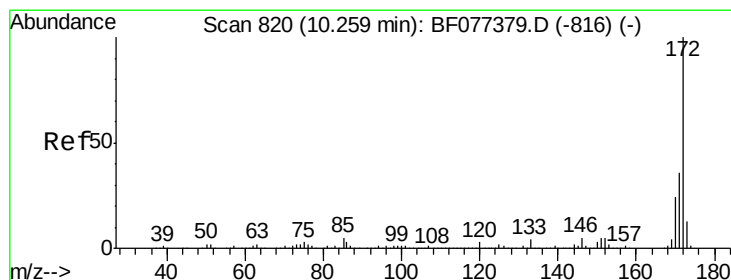
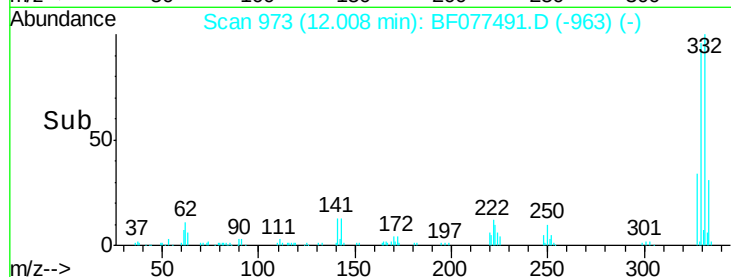
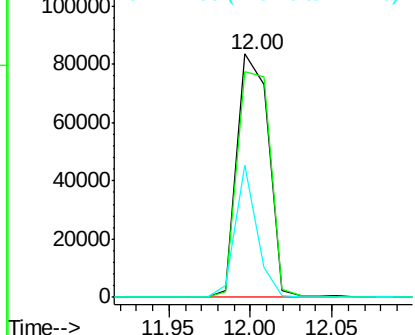
#41
 2,4,6-Tribromophenol
 Concen: 71.82 ng
 RT: 12.00 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BF077491.D
 Acq: 27 Feb 2015 5:29

Instrument :
 BNA_F
 ClientSampleId :
 B-13-D9

Tgt Ion:330 Resp: 111727
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.2
 141 36.9 28.8 43.2

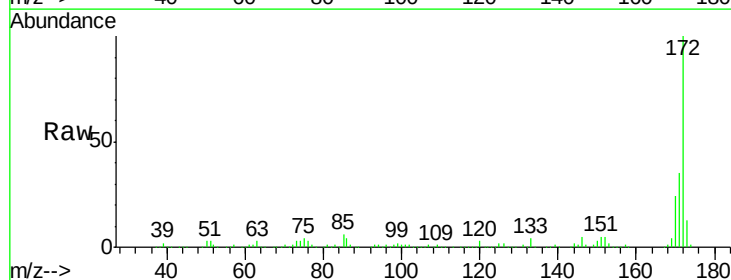


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

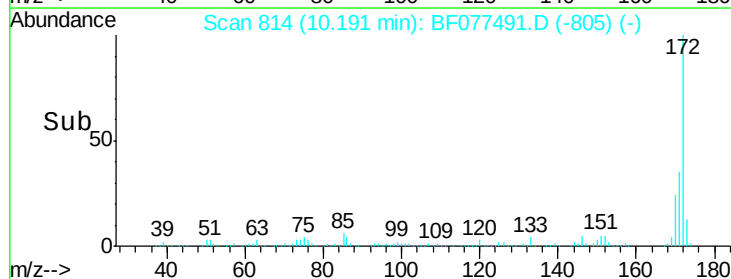
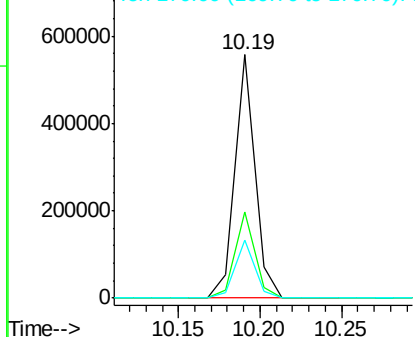


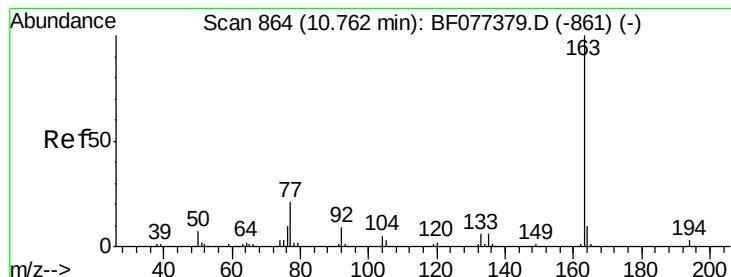
#44
 2-Fluorobiphenyl
 Concen: 45.47 ng
 RT: 10.19 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF077491.D
 Acq: 27 Feb 2015 5:29

Tgt Ion:172 Resp: 471166
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.9 43.3
 170 23.6 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





#49

Dimethylphthalate

Concen: 2.06 ng

RT: 10.70 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF077491.D

Acq: 27 Feb 2015 5:29

Instrument :

BNA_F

ClientSampleId :

B-13-D9

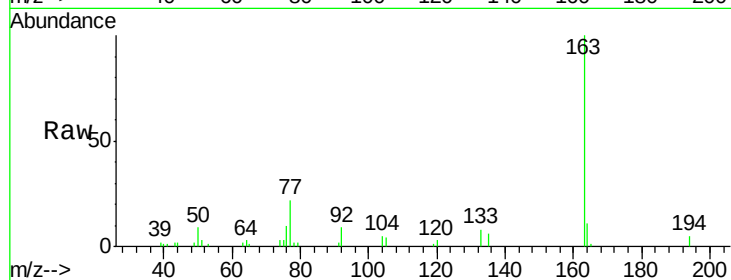
Tgt Ion:163 Resp: 23447

Ion Ratio Lower Upper

163 100

194 4.5 2.6 4.0#

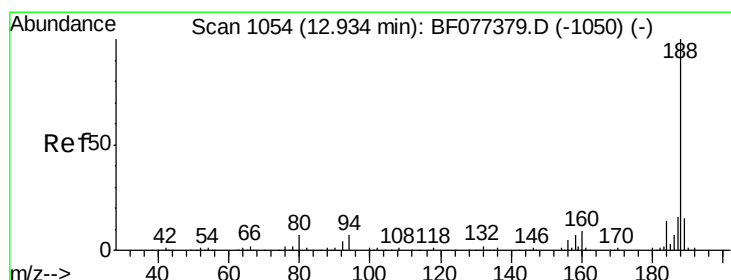
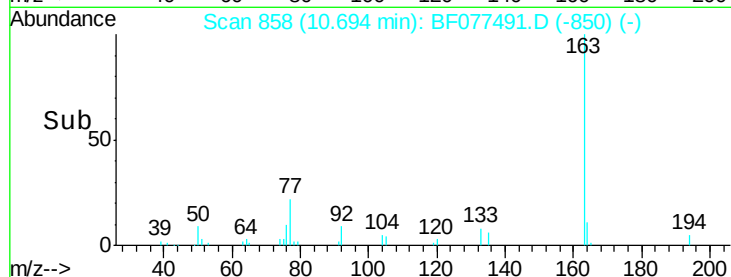
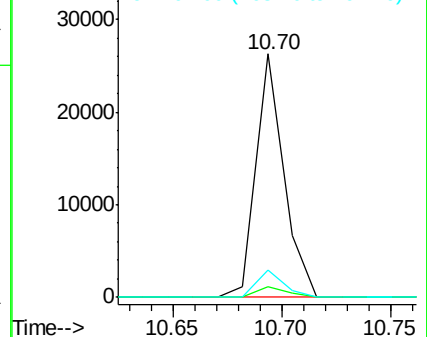
164 11.1 8.6 13.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.86 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF077491.D

Acq: 27 Feb 2015 5:29

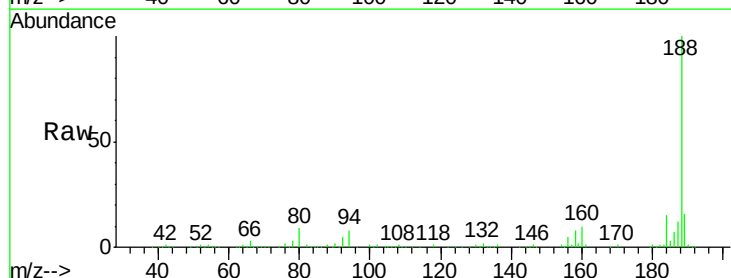
Tgt Ion:188 Resp: 349019

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

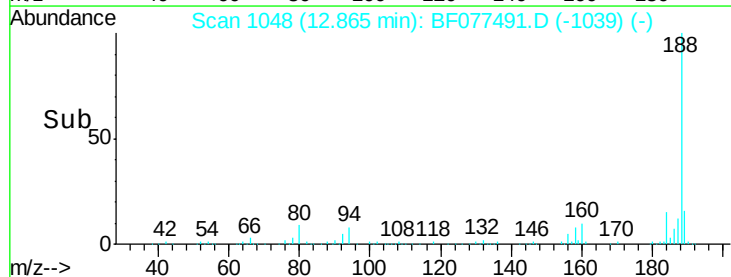
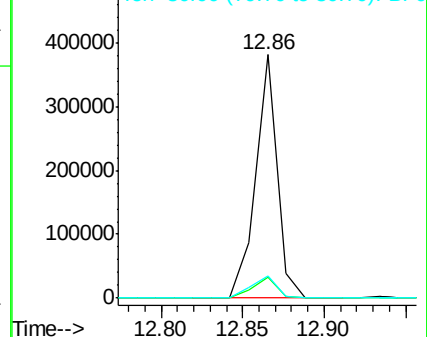
80 8.9 8.0 12.0

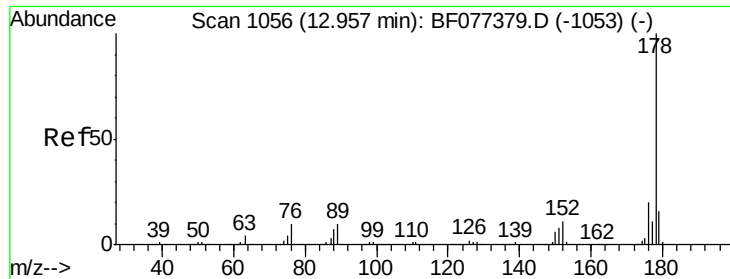


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 3.64 ng

RT: 12.89 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF077491.D

Acq: 27 Feb 2015 5:29

Instrument :

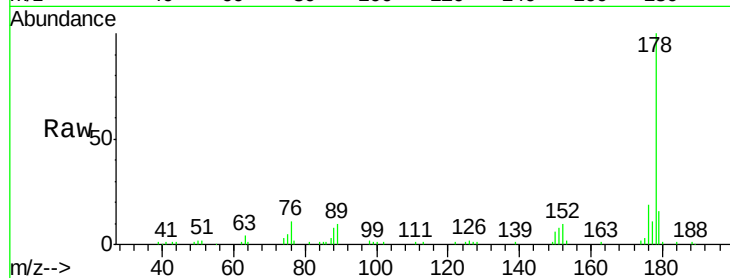
BNA_F

ClientSampleId :

B-13-D9

Tgt Ion:178 Resp: 73625

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.7	12.2	18.2

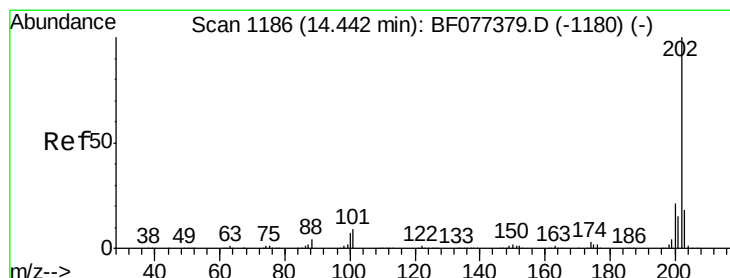
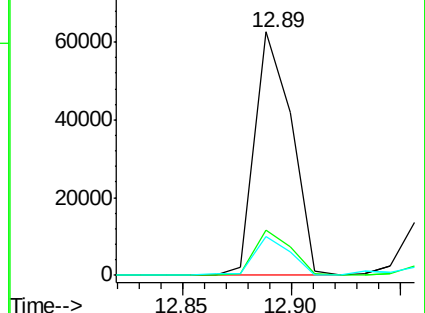
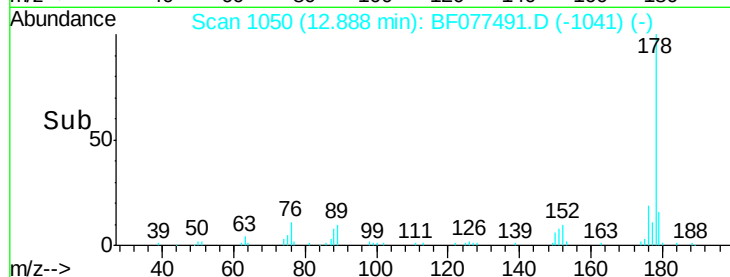


Abundance

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: 7.05 ng

RT: 14.37 min Scan# 1180

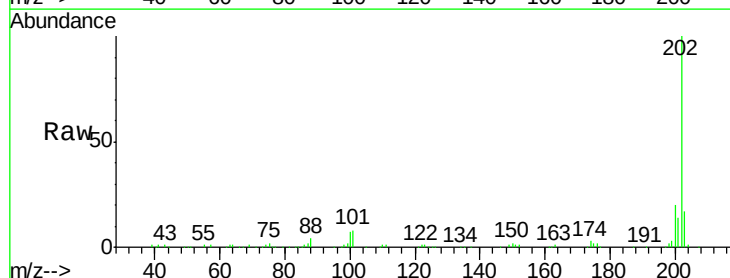
Delta R.T. 0.01 min

Lab File: BF077491.D

Acq: 27 Feb 2015 5:29

Tgt Ion:202 Resp: 155758

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	30.8
203	17.5	0.0	37.7

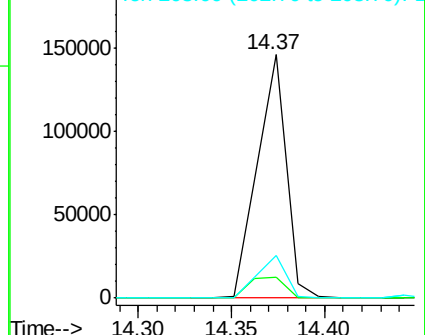
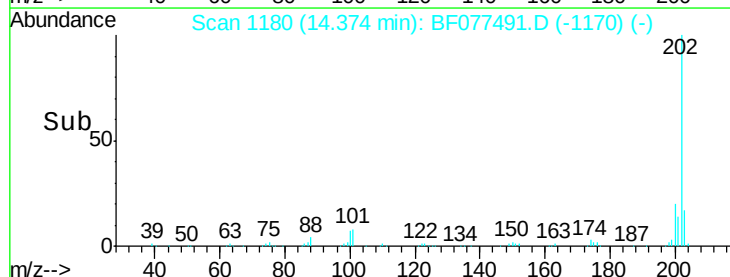


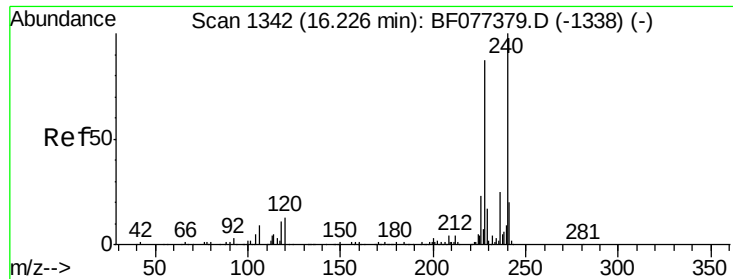
Abundance

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

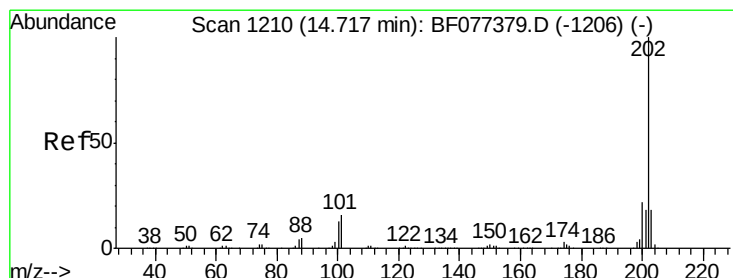
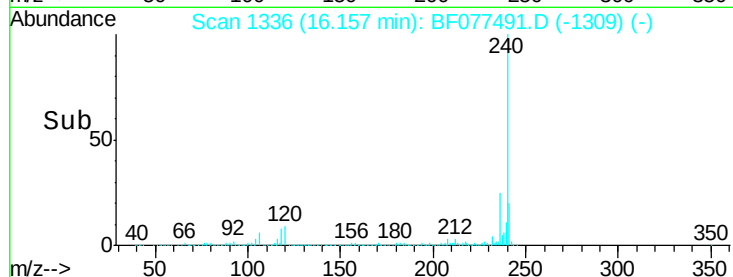
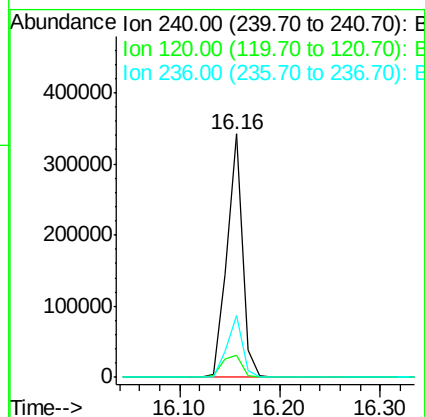
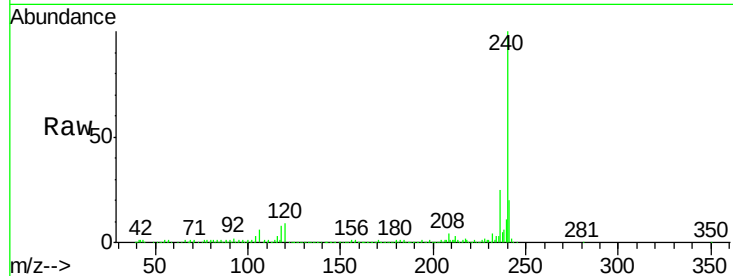




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.16 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF077491.D
Acq: 27 Feb 2015 5:29

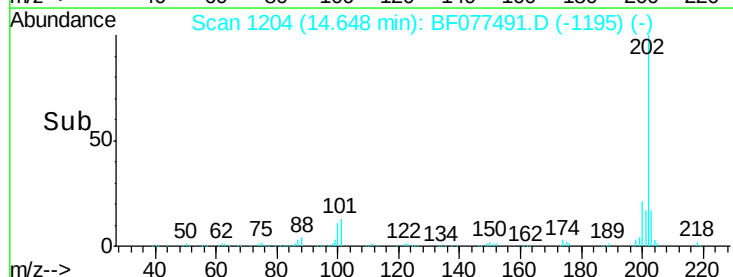
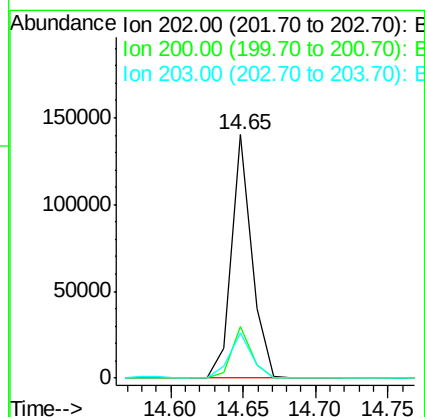
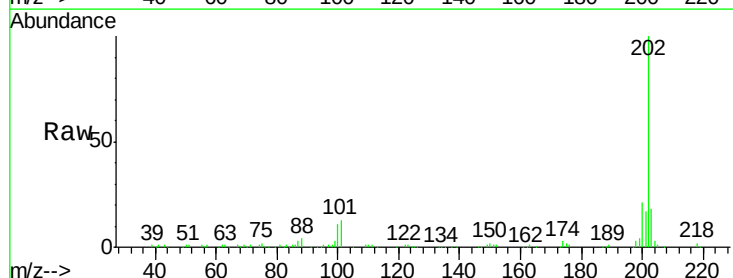
Instrument :
BNA_F
ClientSampleId :
B-13-D9

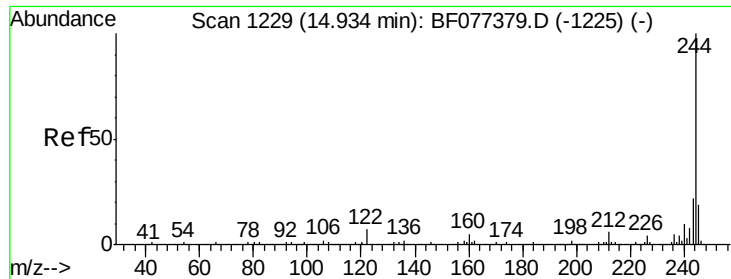
Tgt Ion:240 Resp: 367274
Ion Ratio Lower Upper
240 100
120 9.3 8.8 13.2
236 25.2 20.7 31.1



#77
Pyrene
Concen: 6.12 ng
RT: 14.65 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF077491.D
Acq: 27 Feb 2015 5:29

Tgt Ion:202 Resp: 137433
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 18.4 14.2 21.2

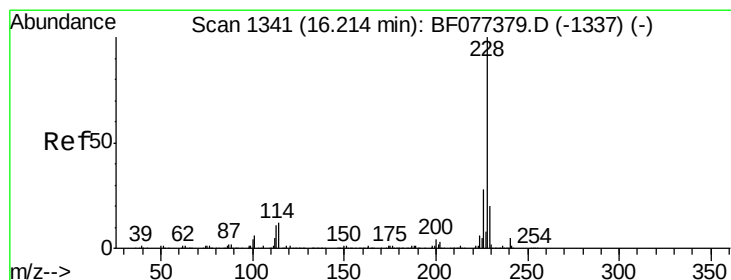
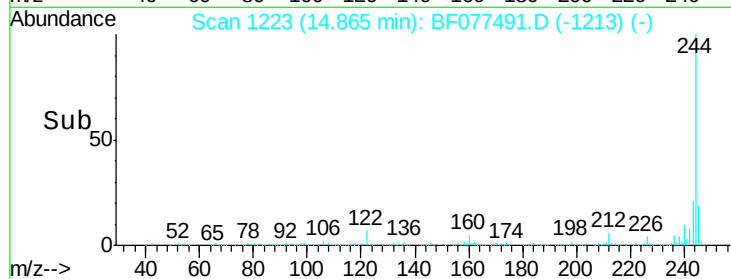
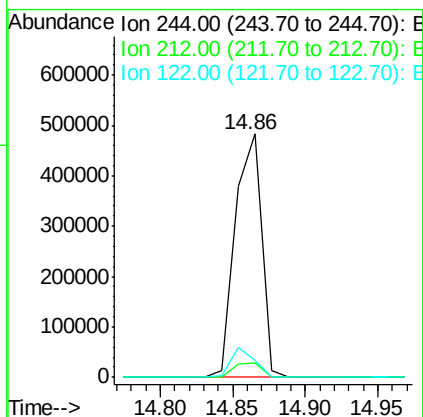
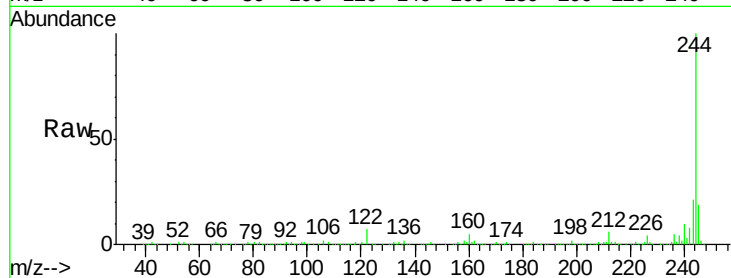




#78
 Terphenyl-d14
 Concen: 38.89 ng
 RT: 14.86 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF077491.D
 Acq: 27 Feb 2015 5:29

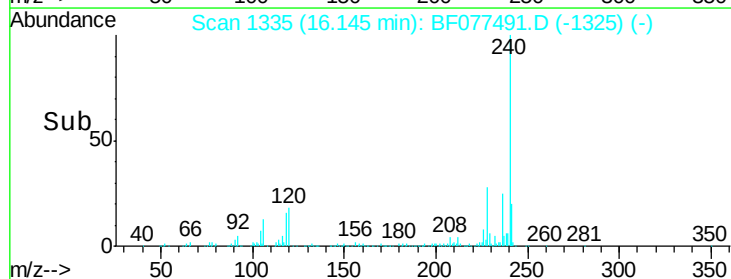
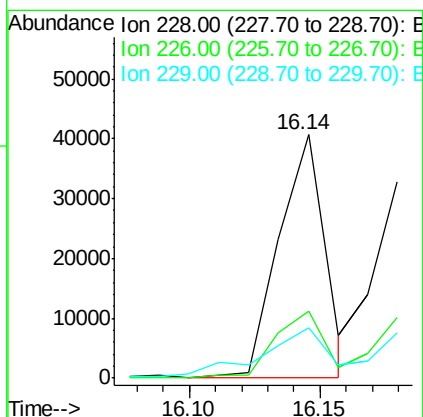
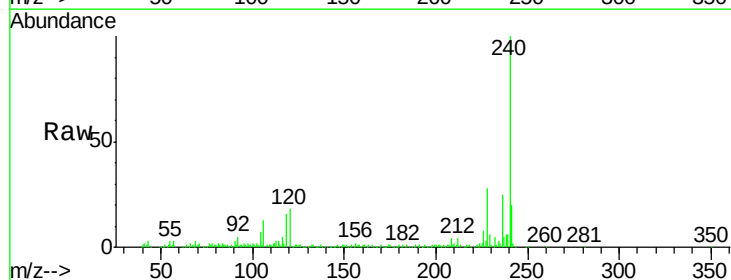
Instrument :
 BNA_F
 ClientSampleId :
 B-13-D9

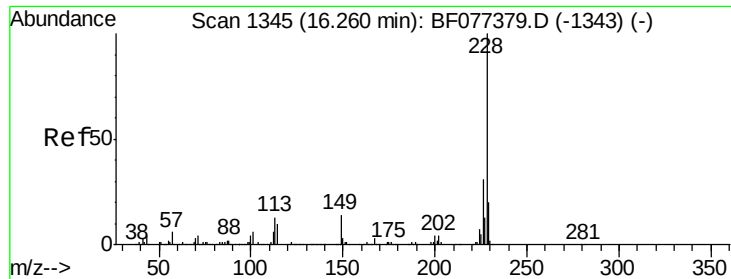
Tgt Ion: 244 Resp: 610900
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.2 7.8
 122 7.0 7.8 11.8#



#80
 Benzo(a)anthracene
 Concen: 2.31 ng
 RT: 16.14 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF077491.D
 Acq: 27 Feb 2015 5:29

Tgt Ion: 228 Resp: 49766
 Ion Ratio Lower Upper
 228 100
 226 27.6 22.0 33.0
 229 20.6 15.8 23.8





#82

Chrysene

Concen: 3.02 ng

RT: 16.18 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF077491.D

Acq: 27 Feb 2015 5:29

Instrument :

BNA_F

ClientSampleId :

B-13-D9

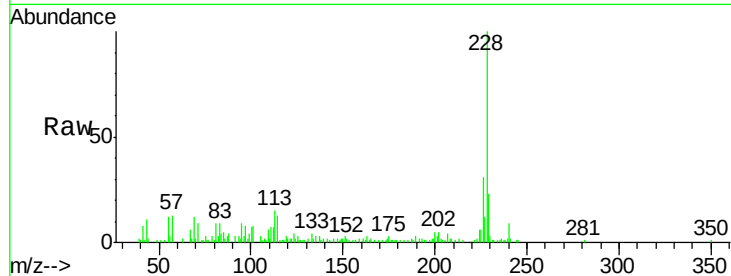
Tgt Ion:228 Resp: 60991

Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

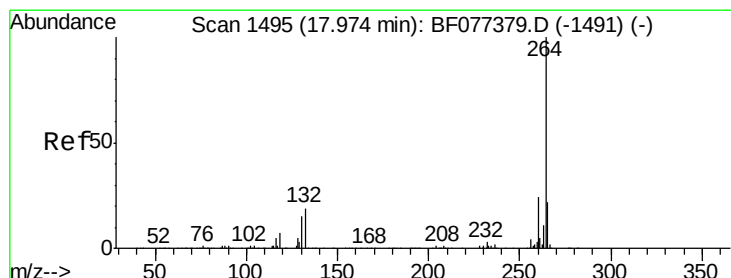
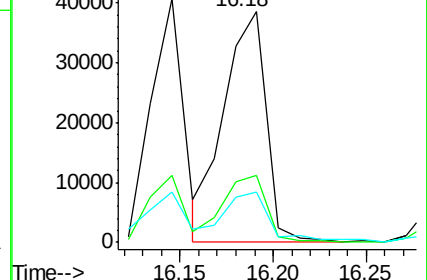
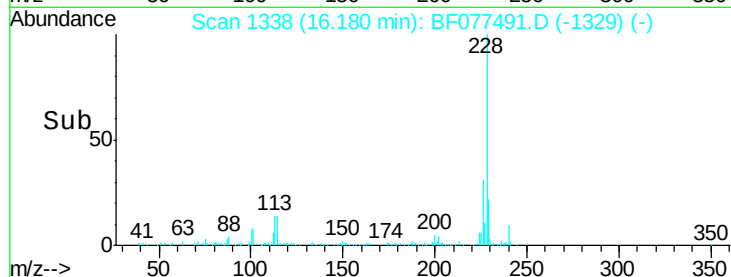
229 23.3 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.90 min Scan# 1488

Delta R.T. 0.01 min

Lab File: BF077491.D

Acq: 27 Feb 2015 5:29

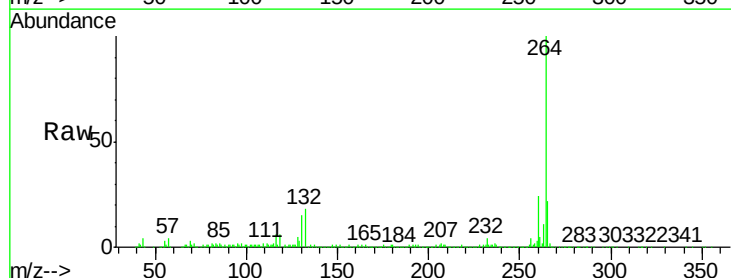
Tgt Ion:264 Resp: 335297

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

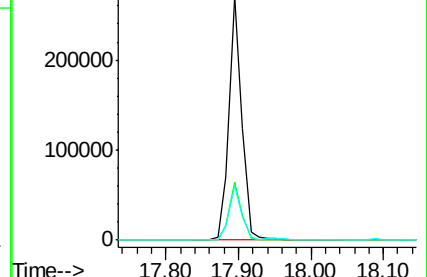
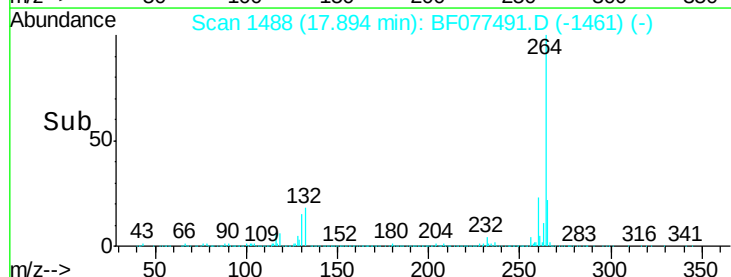
265 22.2 16.8 25.2

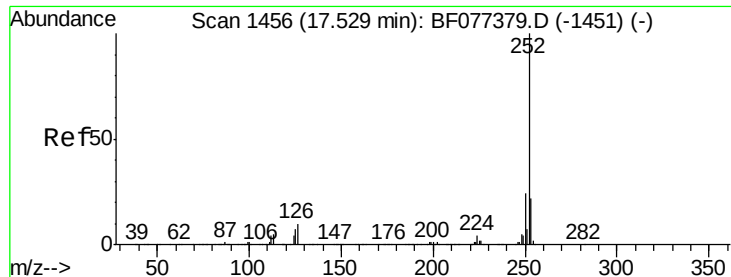


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

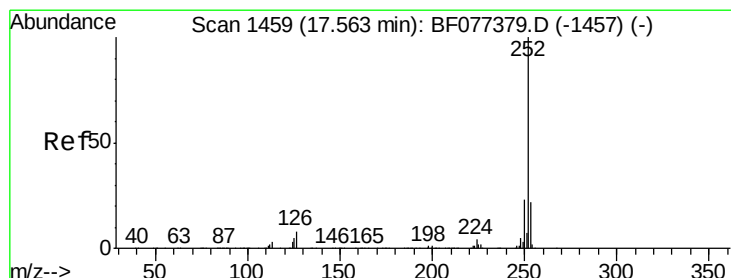
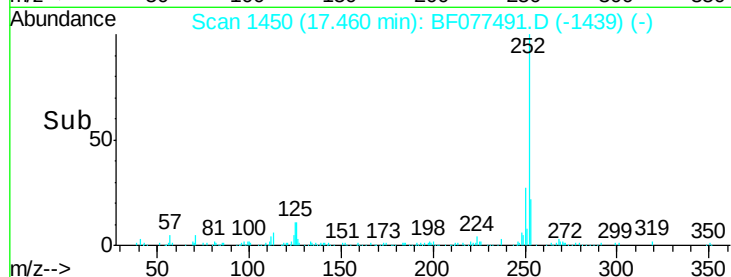
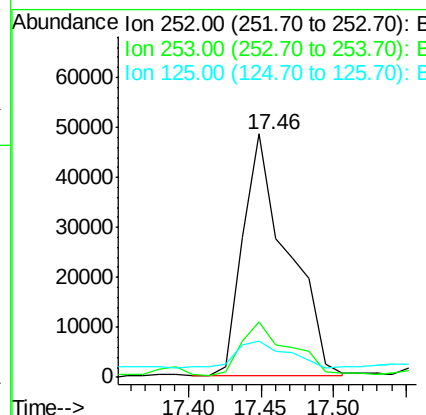
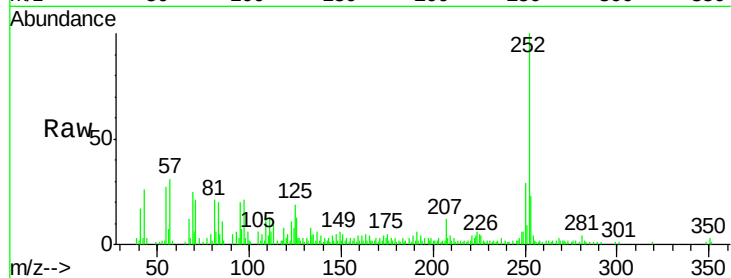




#87
Benzo(b)fluoranthene
Concen: 5.32 ng
RT: 17.46 min Scan# 1450
Delta R.T. 0.02 min
Lab File: BF077491.D
Acq: 27 Feb 2015 5:29

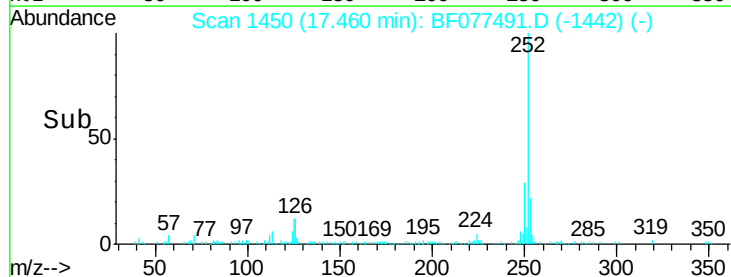
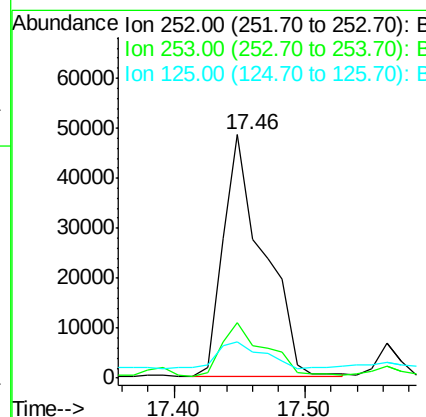
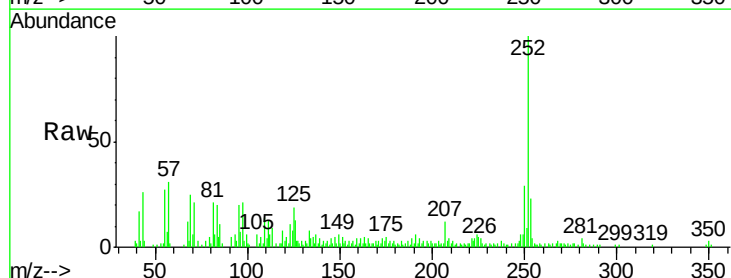
Instrument :
BNA_F
ClientSampleId :
B-13-D9

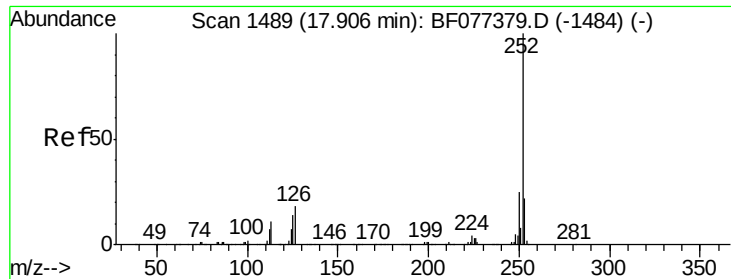
Tgt Ion:252 Resp: 103726
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 19.0 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 5.46 ng
RT: 17.46 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF077491.D
Acq: 27 Feb 2015 5:29

Tgt Ion:252 Resp: 104259
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 19.0 10.1 15.1#





#89

Benzo(a)pyrene

Concen: 2.24 ng

RT: 17.83 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BF077491.D

Acq: 27 Feb 2015 5:29

Instrument :

BNA_F

ClientSampleId :

B-13-D9

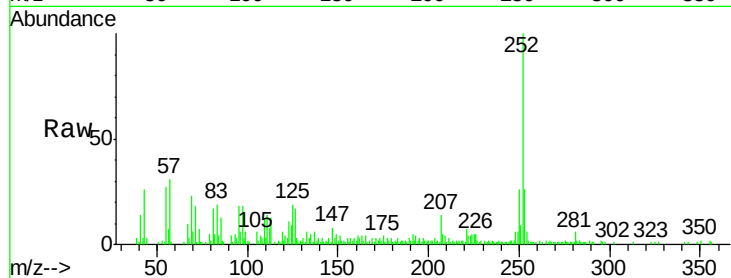
Tgt Ion: 252 Resp: 41577

Ion Ratio Lower Upper

252 100

253 26.0 18.2 27.2

125 18.8 8.3 12.5#



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

