

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022315\
 Data File : BF077408.D
 Acq On : 23 Feb 2015 16:38
 Operator : TP/IZ
 Sample : G1345-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UB10PX1

Quant Time: Feb 24 01:28:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 23 23:58:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	77586	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	327149	20.00	ng	0.00
38) Acenaphthene-d10	11.09	164	168997	20.00	ng	0.00
63) Phenanthrene-d10	12.93	188	323619	20.00	ng	0.00
75) Chrysene-d12	16.24	240	348059	20.00	ng	-0.02
86) Perylene-d12	17.99	264	338730	20.00	ng	-0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	538214	115.81	ng	0.01
7) Phenol-d6	6.89	99	662177	110.82	ng	0.00
23) Nitrobenzene-d5	8.02	82	404726	76.93	ng	-0.01
41) 2,4,6-Tribromophenol	12.08	330	194658	119.63	ng	0.01
44) 2-Fluorobiphenyl	10.26	172	935608	86.32	ng	0.00
78) Terphenyl-d14	14.93	244	1062453	71.36	ng	0.00

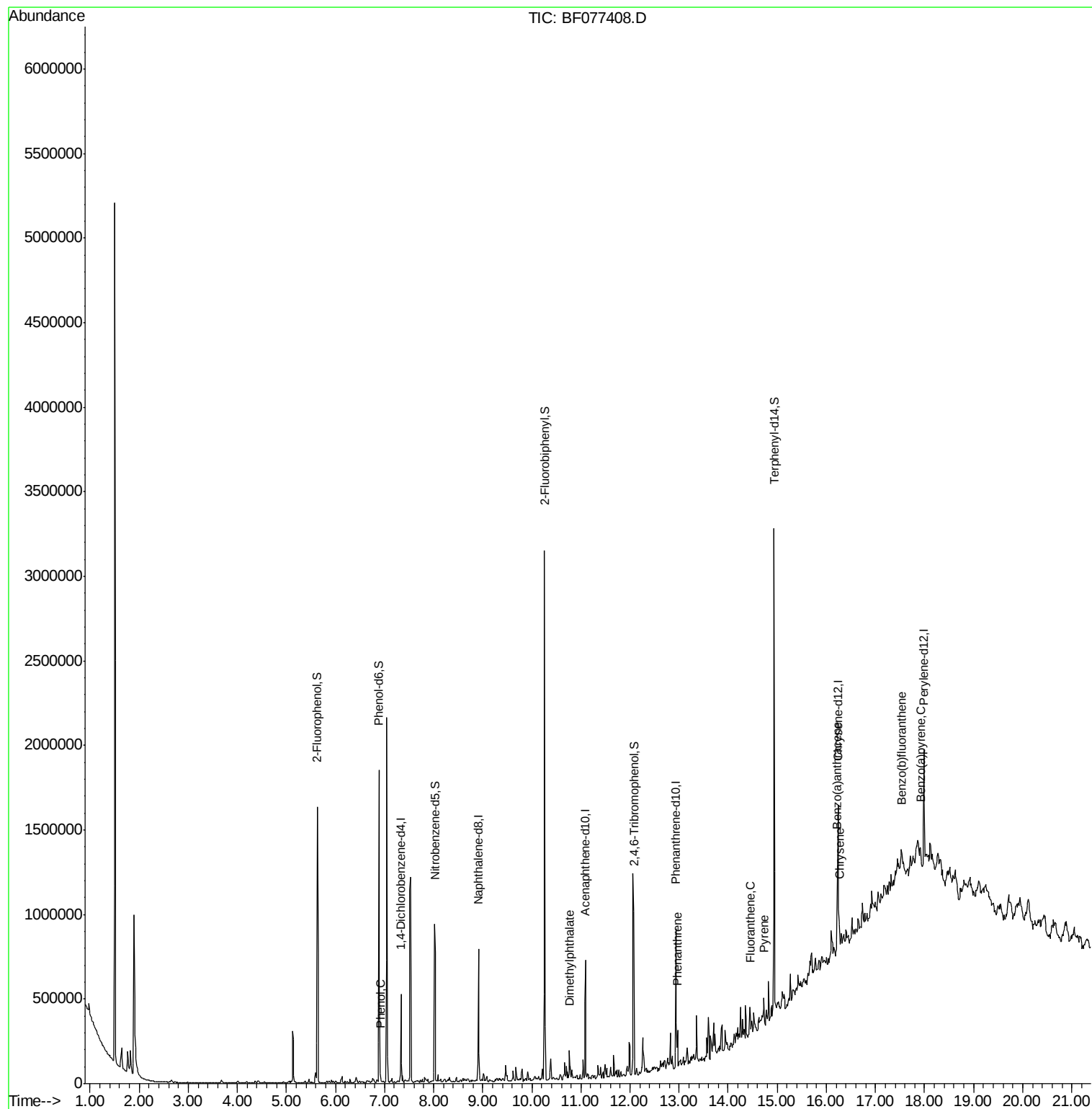
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.91	94	20831	2.94	ng	91
49) Dimethylphthalate	10.76	163	64601	5.44	ng	99
70) Phenanthrene	12.97	178	102375	5.46	ng	99
74) Fluoranthene	14.44	202	84267	4.11	ng	97
77) Pyrene	14.73	202	73271	3.44	ng	98
80) Benzo(a)anthracene	16.23	228	51442	2.52	ng	# 84
82) Chrysene	16.27	228	82157	4.29	ng	# 89
87) Benzo(b)fluoranthene	17.53	252	65611m	3.33	ng	
89) Benzo(a)pyrene	17.92	252	39002	2.08	ng	# 55

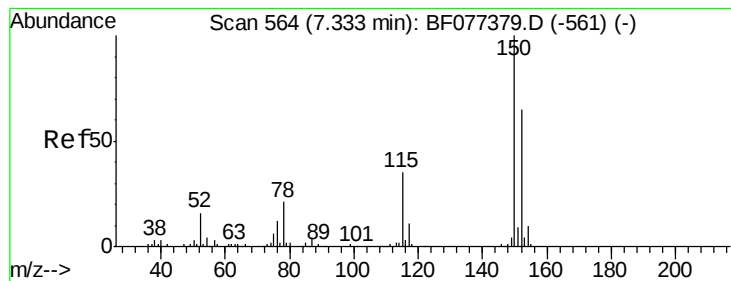
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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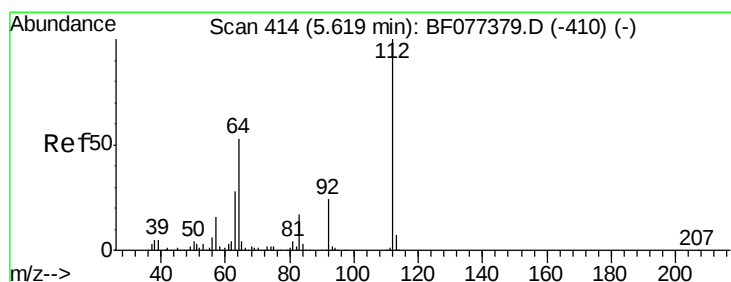
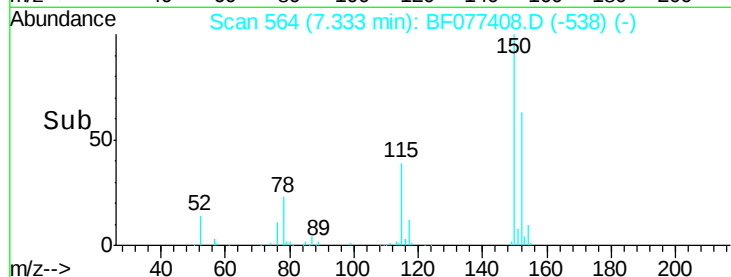
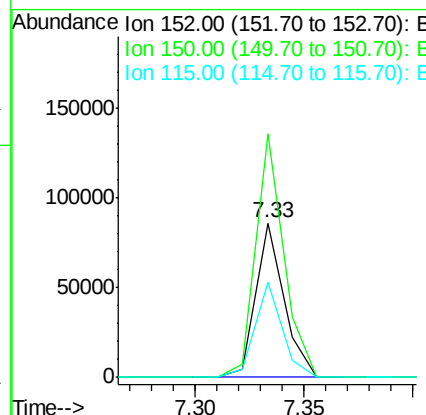
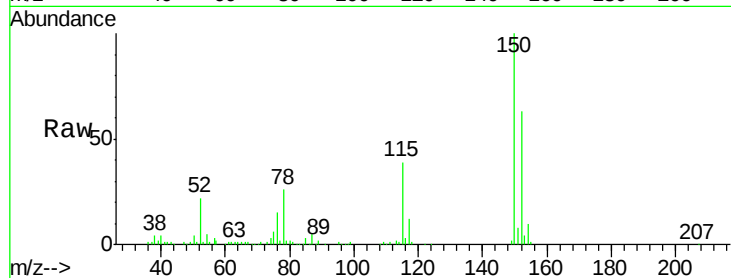




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.33 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF077408.D
 Acq: 23 Feb 2015 16:38

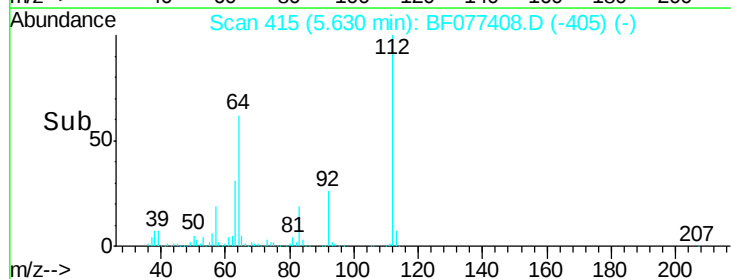
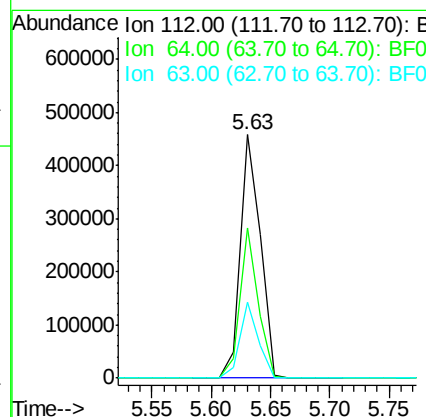
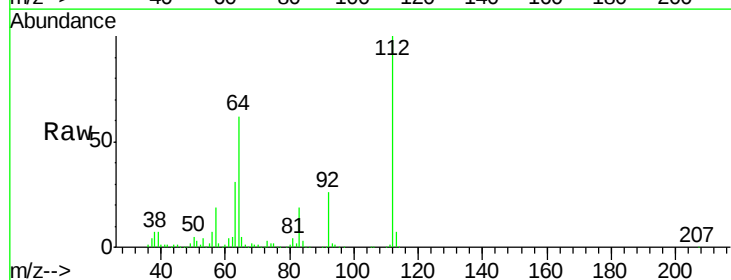
Instrument :
 BNA_F
 ClientSampleId :
 UB10PX1

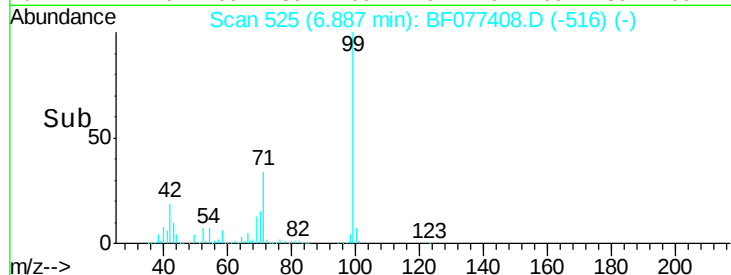
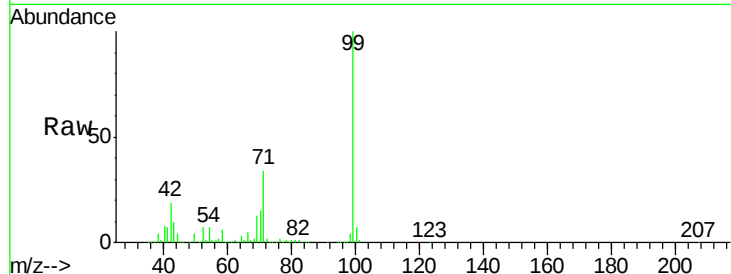
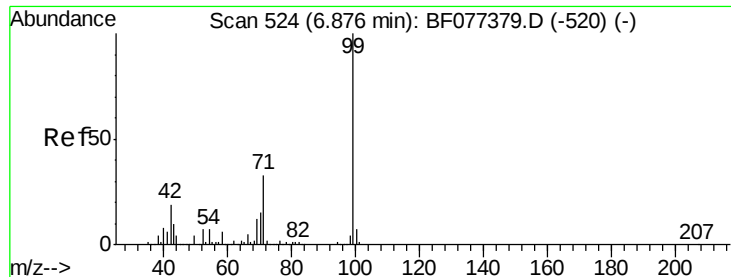
Tot Ion:152 Resp: 77586
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.0 186.0
 115 61.7 49.4 74.2



#5
 2-Fluorophenol
 Concen: 115.81 ng
 RT: 5.63 min Scan# 415
 Delta R.T. 0.01 min
 Lab File: BF077408.D
 Acq: 23 Feb 2015 16:38

Tgt Ion:112 Resp: 538214
 Ion Ratio Lower Upper
 112 100
 64 61.6 48.5 72.7
 63 31.4 25.0 37.4





#7

Phenol-d6

Concen: 110.82 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF077408.D

Acq: 23 Feb 2015 16:38

Instrument :

BNA_F

ClientSampleId :

UB10PX1

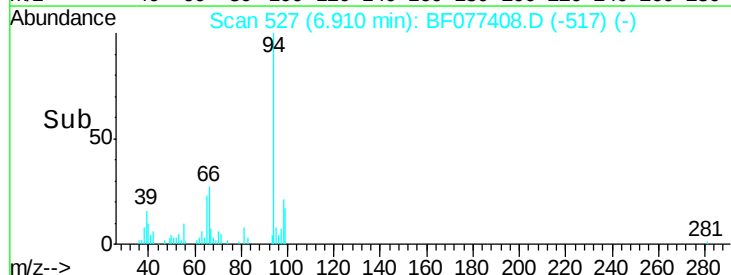
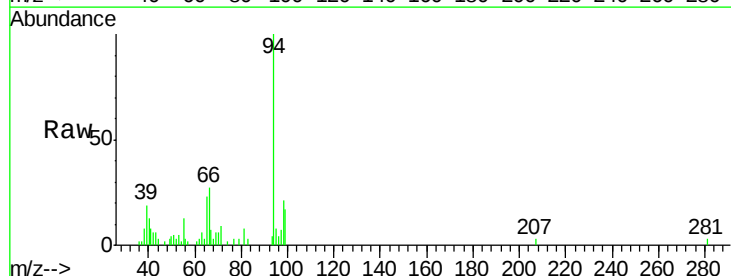
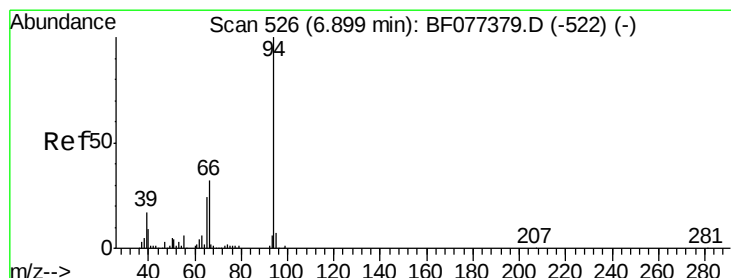
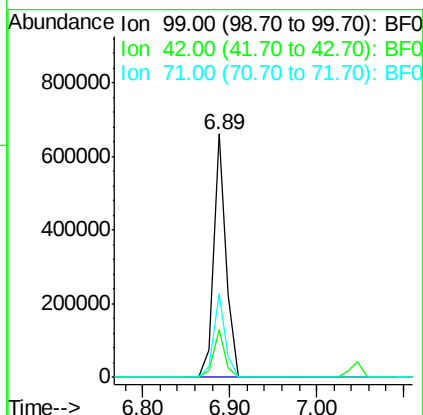
Tot Ion: 99 Resp: 662177

Ion Ratio Lower Upper

99 100

42 19.5 16.2 24.4

71 34.1 26.7 40.1



#10

Phenol

Concen: 2.94 ng

RT: 6.91 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF077408.D

Acq: 23 Feb 2015 16:38

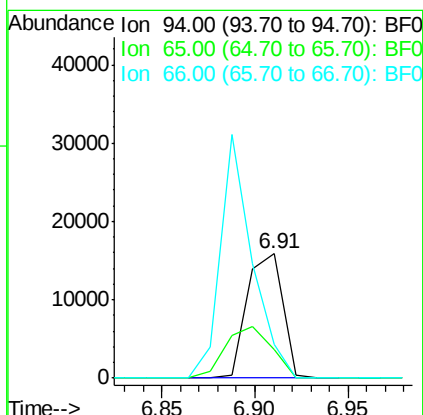
Tgt Ion: 94 Resp: 20831

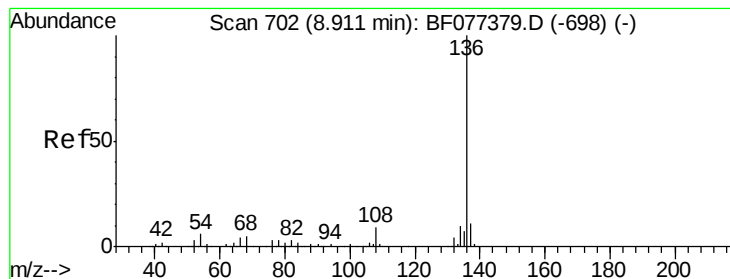
Ion Ratio Lower Upper

94 100

65 22.6 5.7 45.7

66 27.0 13.6 53.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.91 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF077408.D

Acq: 23 Feb 2015 16:38

Instrument :

BNA_F

ClientSampleId :

UB10PX1

Tot Ion:136 Resp: 327149

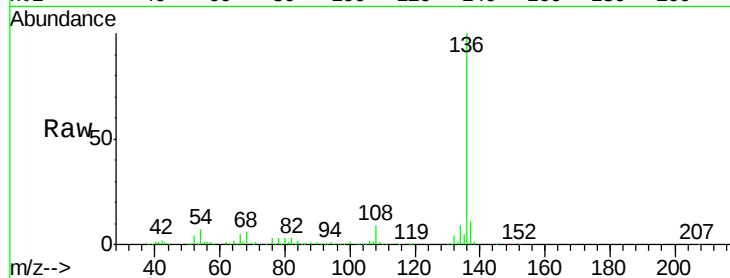
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 7.2 6.2 9.4

68 5.9 5.0 7.6

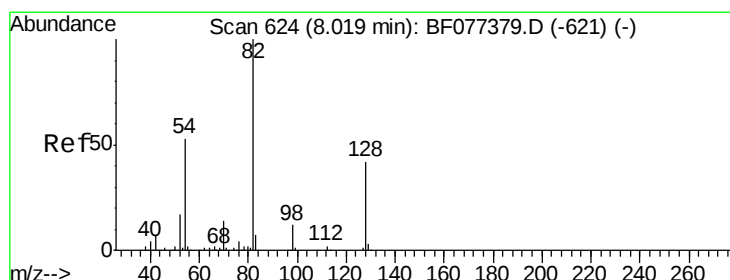
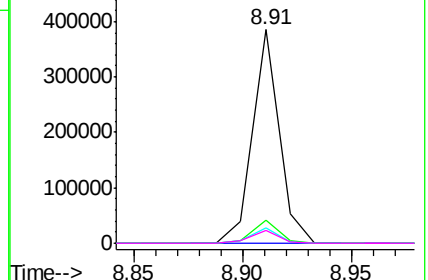
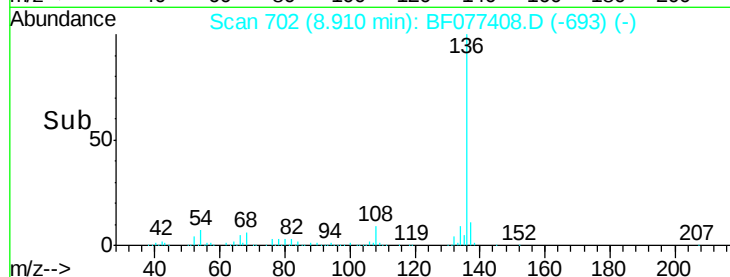


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.93 ng

RT: 8.02 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF077408.D

Acq: 23 Feb 2015 16:38

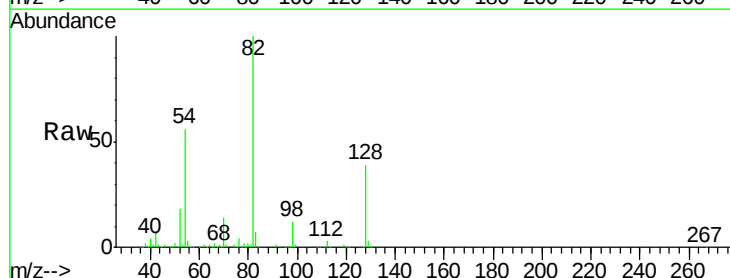
Tgt Ion: 82 Resp: 404726

Ion Ratio Lower Upper

82 100

128 38.9 43.8 65.8#

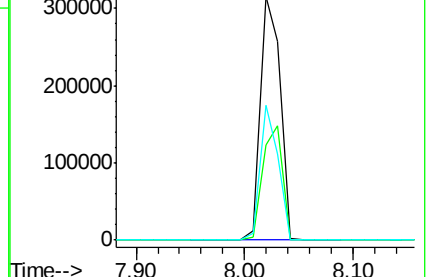
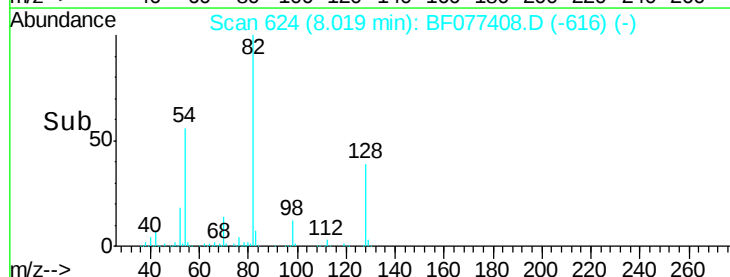
54 55.5 36.7 55.1#

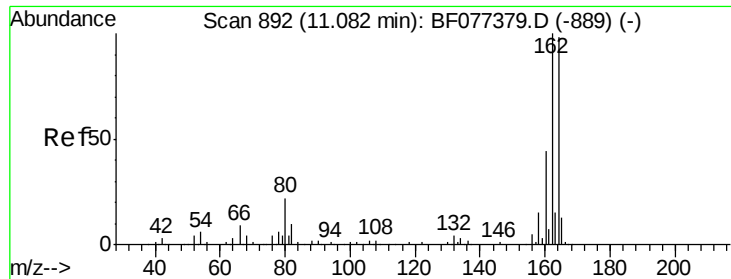


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 11.09 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF077408.D

Acq: 23 Feb 2015 16:38

Instrument :

BNA_F

ClientSampleId :

UB10PX1

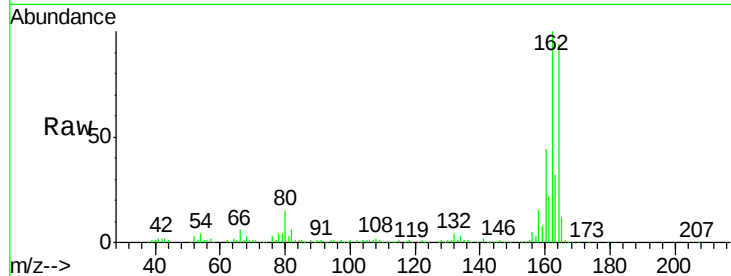
Tot Ion:164 Resp: 168997

Ion Ratio Lower Upper

164 100

162 106.3 83.2 124.8

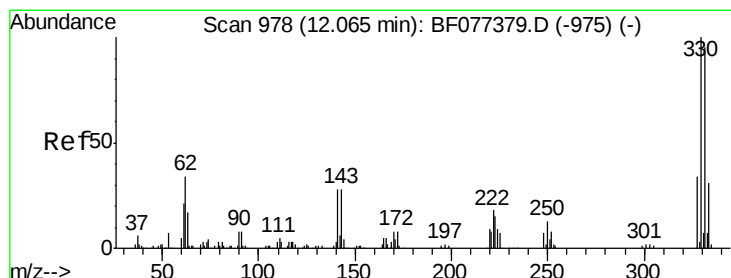
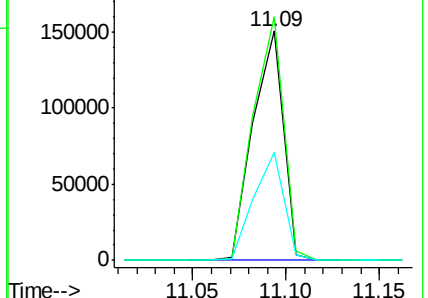
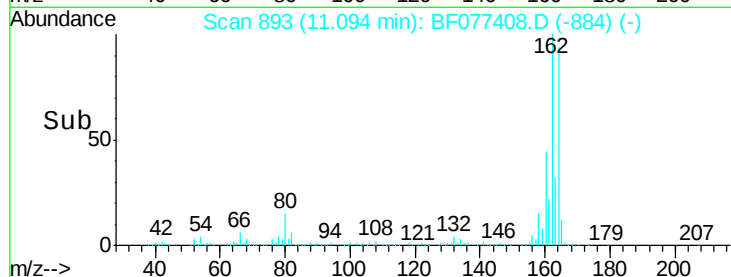
160 47.0 34.6 52.0



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: 119.63 ng

RT: 12.08 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF077408.D

Acq: 23 Feb 2015 16:38

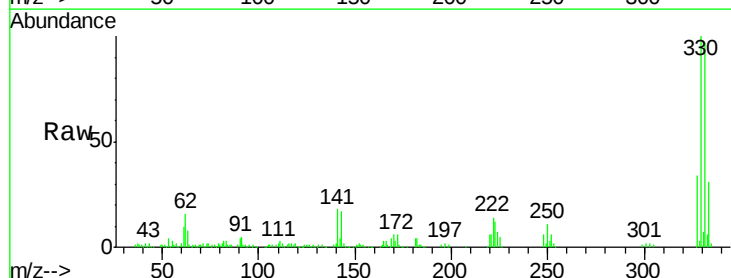
Tgt Ion:330 Resp: 194658

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

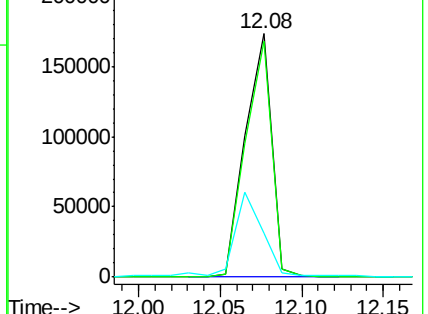
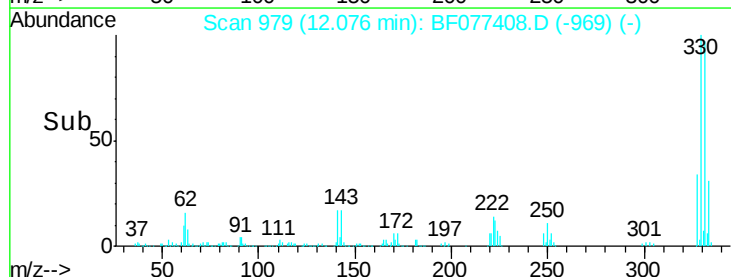
141 35.9 28.8 43.2

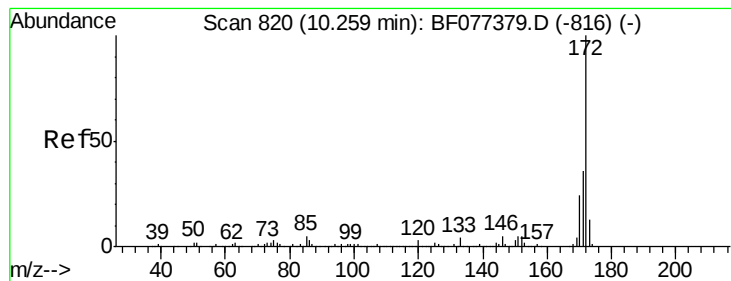


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 86.32 ng

RT: 10.26 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF077408.D

Acq: 23 Feb 2015 16:38

Instrument :

BNA_F

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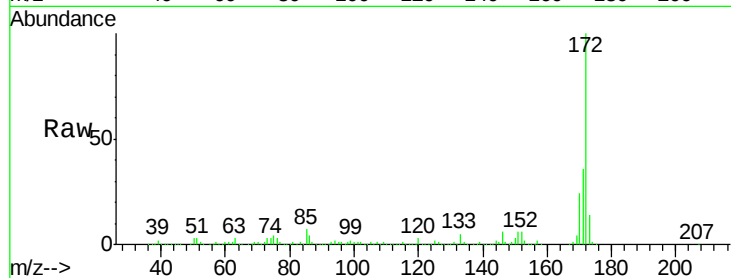
Tot Ion:172 Resp: 935608

Ion Ratio Lower Upper

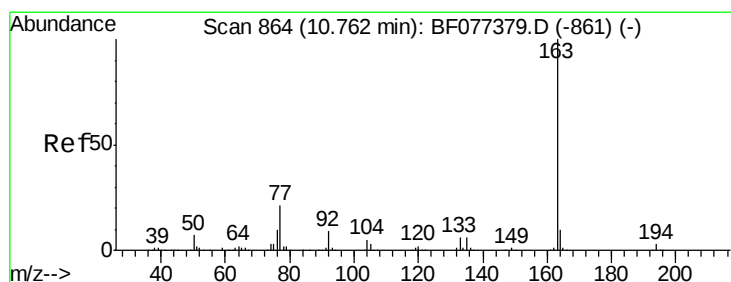
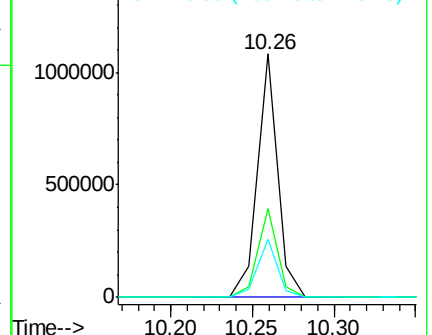
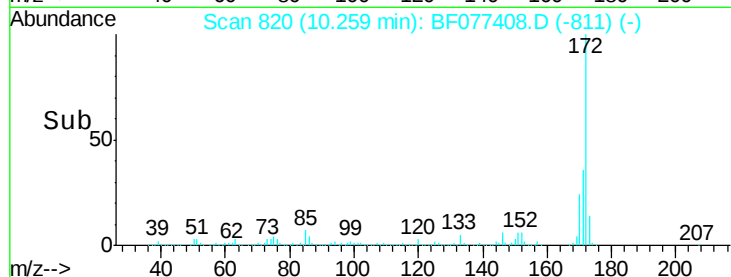
172 100

171 36.3 28.9 43.3

170 24.0 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: 5.44 ng

RT: 10.76 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF077408.D

Acq: 23 Feb 2015 16:38

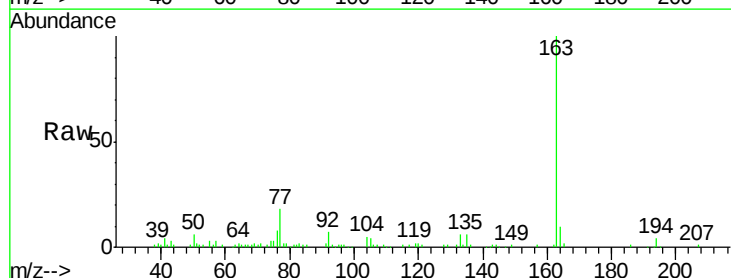
Tgt Ion:163 Resp: 64601

Ion Ratio Lower Upper

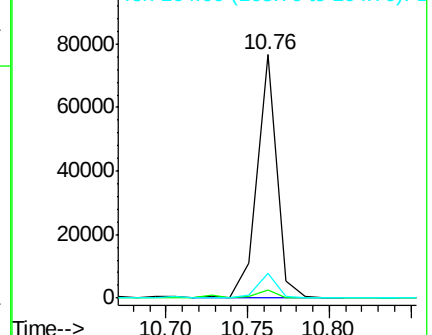
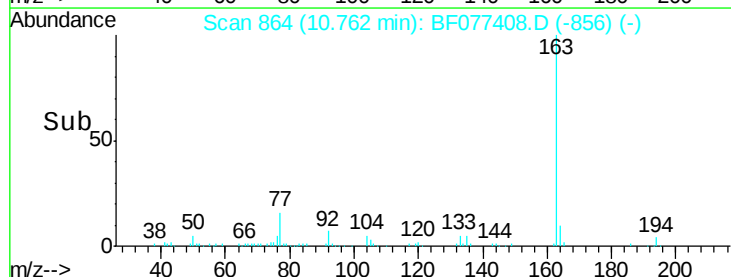
163 100

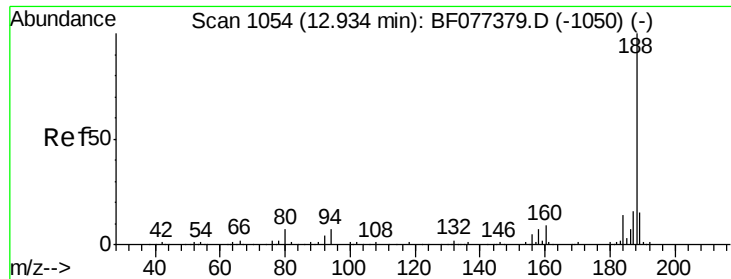
194 3.6 2.6 4.0

164 10.2 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

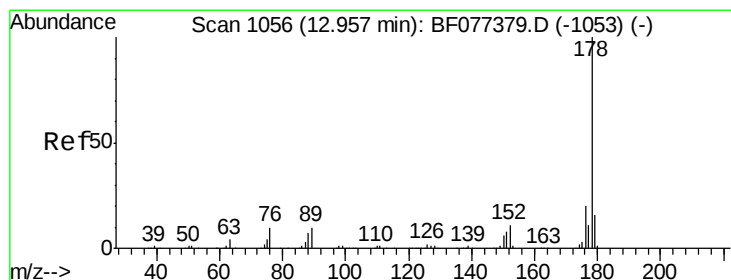
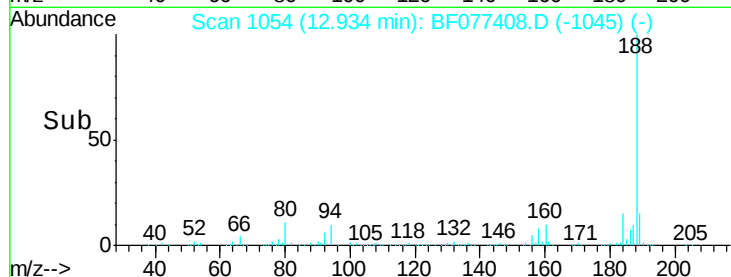
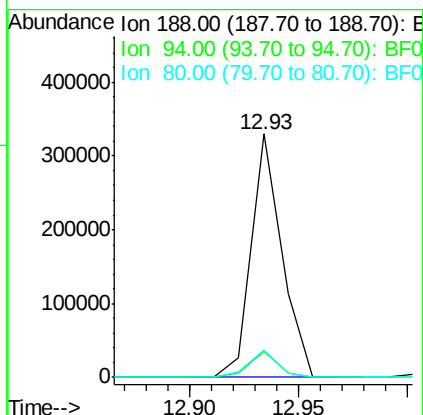
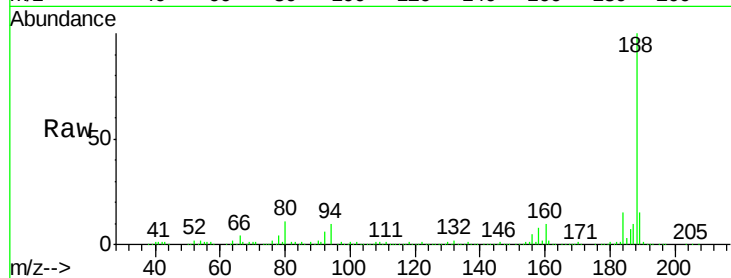




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.93 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF077408.D
Acq: 23 Feb 2015 16:38

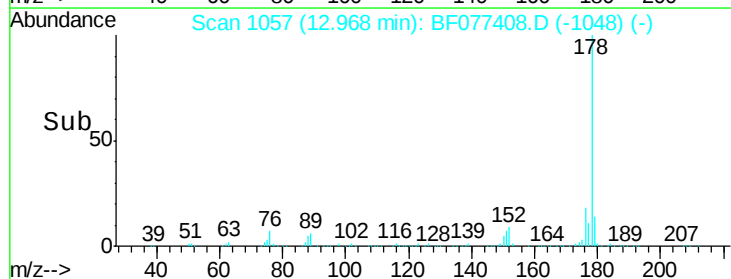
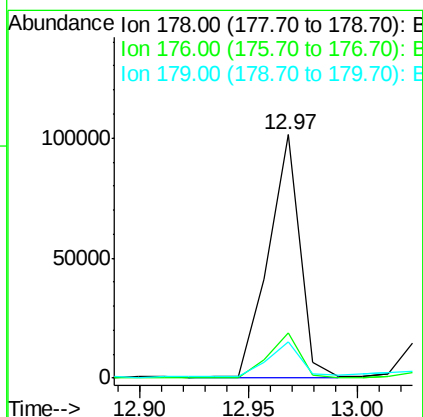
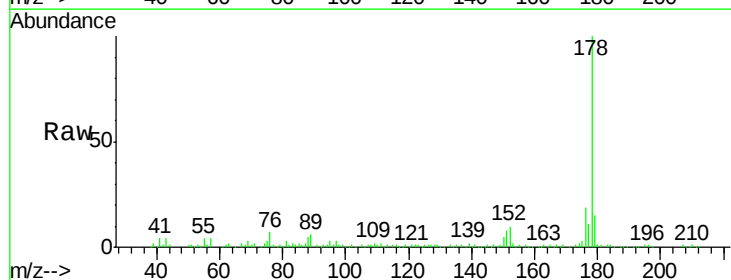
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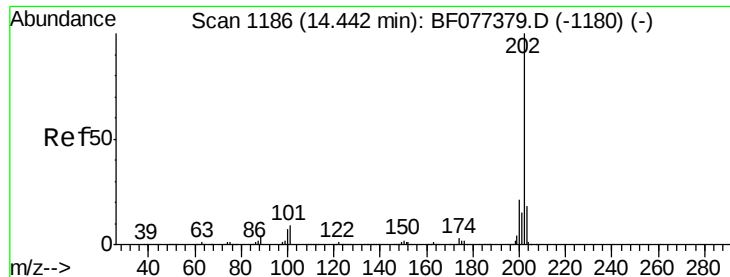
Tot Ion:188 Resp: 323619
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 11.3 8.0 12.0



#70
Phenanthrene
Concen: 5.46 ng
RT: 12.97 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF077408.D
Acq: 23 Feb 2015 16:38

Tgt Ion:178 Resp: 102375
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 15.1 12.2 18.2





#74

Fluoranthene

Concen: 4.11 ng

RT: 14.44 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF077408.D

Acq: 23 Feb 2015 16:38

Instrument :

BNA_F

ClientSampleId :

UB10PX1

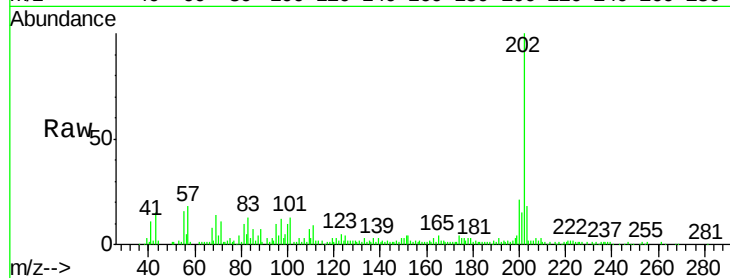
Tot Ion:202 Resp: 84267

Ion Ratio Lower Upper

202 100

101 13.1 0.0 30.8

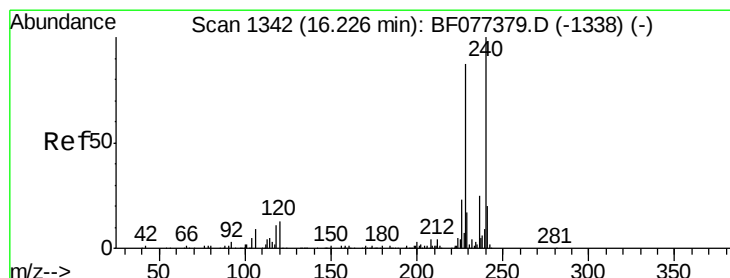
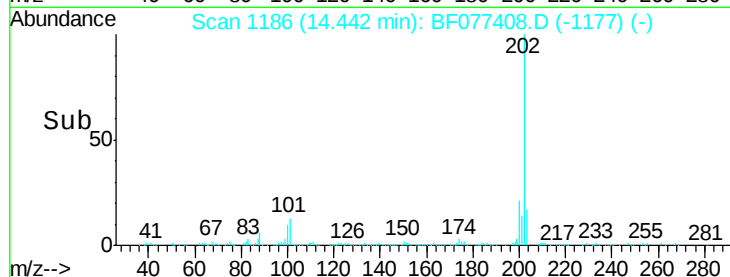
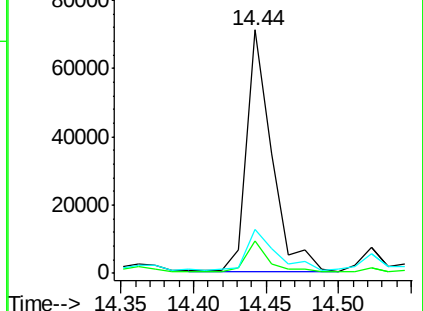
203 18.1 0.0 37.7



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: 16.24 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BF077408.D

Acq: 23 Feb 2015 16:38

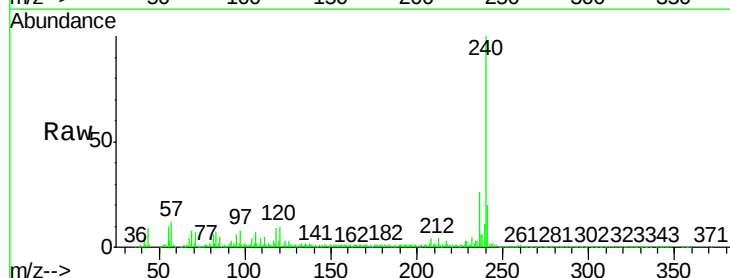
Tgt Ion:240 Resp: 348059

Ion Ratio Lower Upper

240 100

120 10.3 8.8 13.2

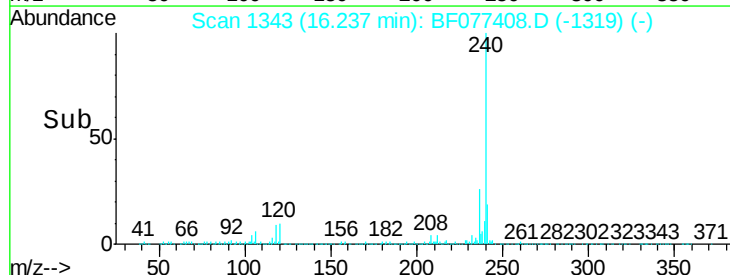
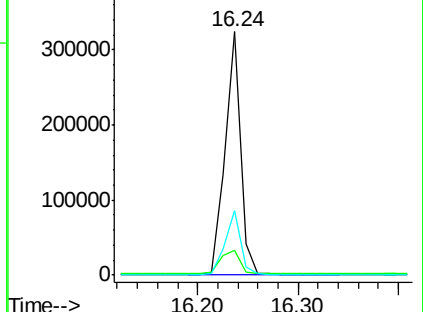
236 26.4 20.7 31.1

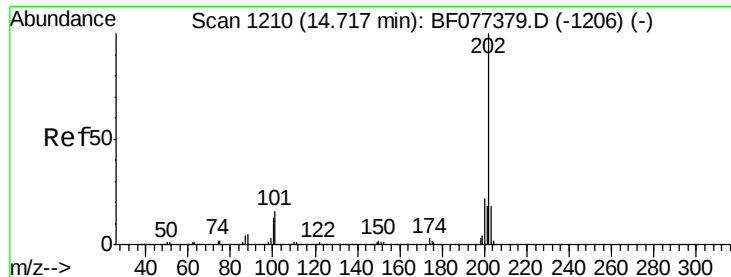


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.44 ng

RT: 14.73 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF077408.D

Acq: 23 Feb 2015 16:38

Instrument :

BNA_F

ClientSampleId :

UB10PX1

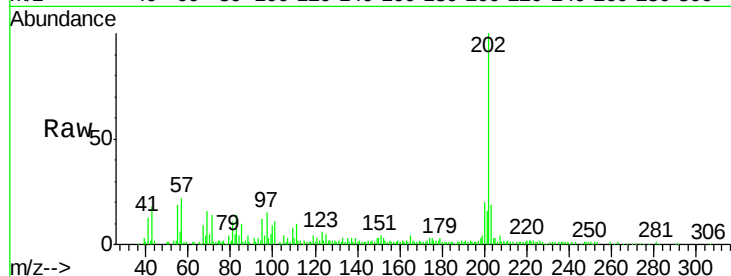
Tot Ion:202 Resp: 73271

Ion Ratio Lower Upper

202 100

200 20.5 17.1 25.7

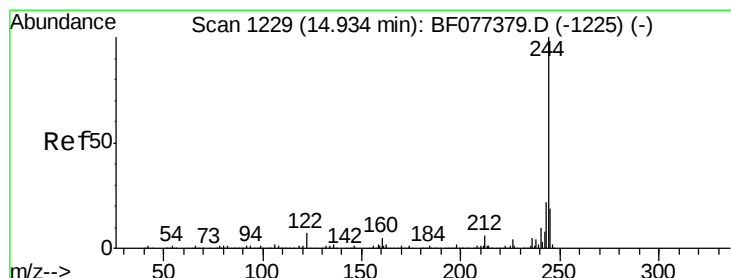
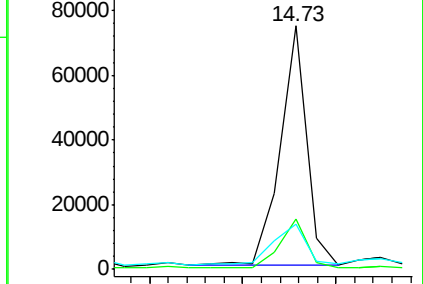
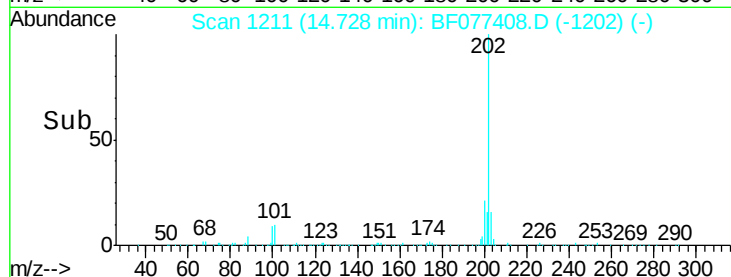
203 18.7 14.2 21.2



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: 71.36 ng

RT: 14.93 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF077408.D

Acq: 23 Feb 2015 16:38

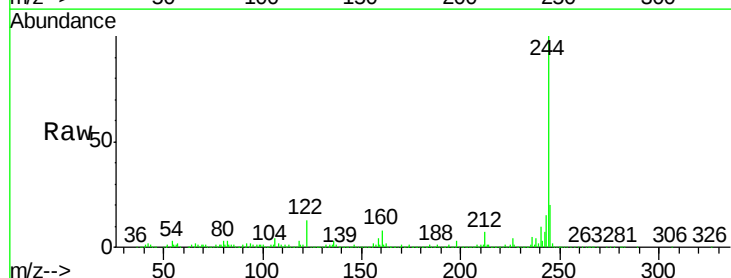
Tgt Ion:244 Resp: 1062453

Ion Ratio Lower Upper

244 100

212 7.1 5.2 7.8

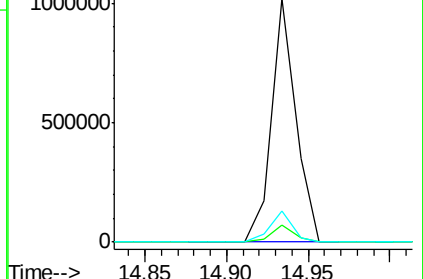
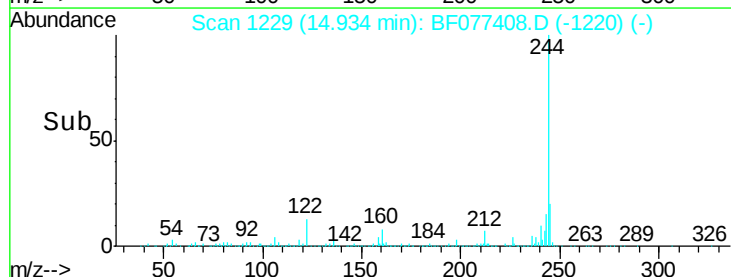
122 13.0 7.8 11.8#

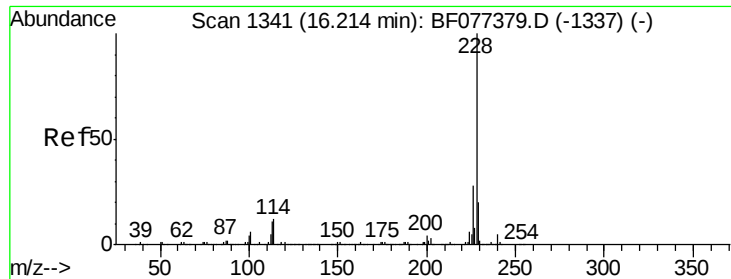


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

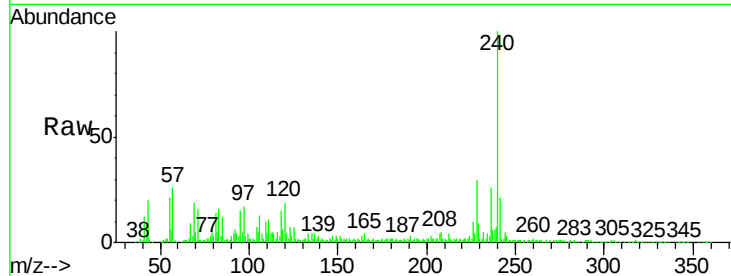




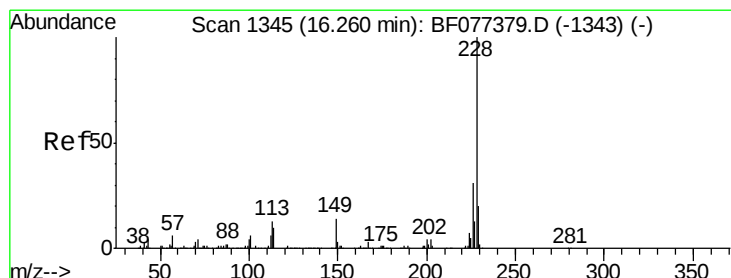
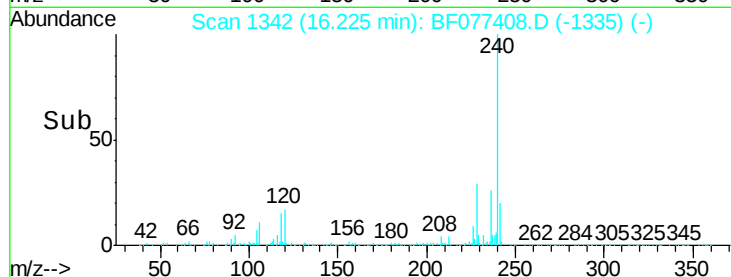
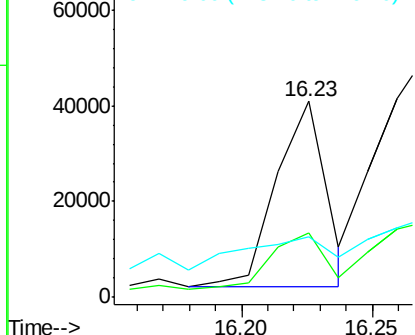
#80
Benzo(a)anthracene
Concen: 2.52 ng
RT: 16.23 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF077408.D
Acq: 23 Feb 2015 16:38

Instrument :
BNA_F
ClientSampleId :
UB10PX1

Tot Ion:228 Resp: 51442
Ion Ratio Lower Upper
228 100
226 32.8 22.0 33.0
229 31.2 15.8 23.8#

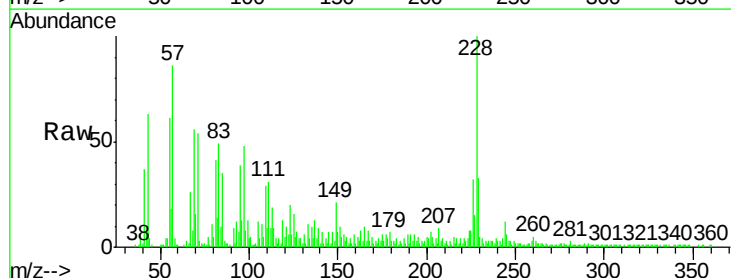


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

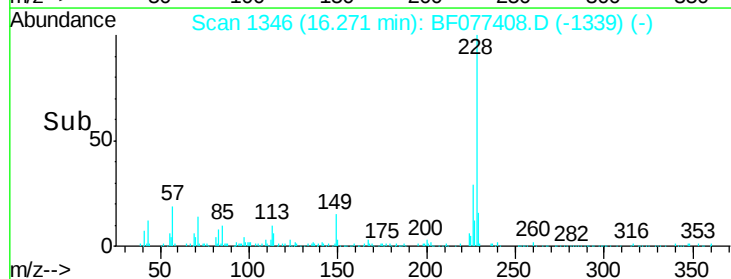
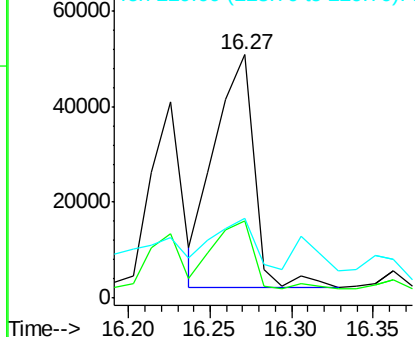


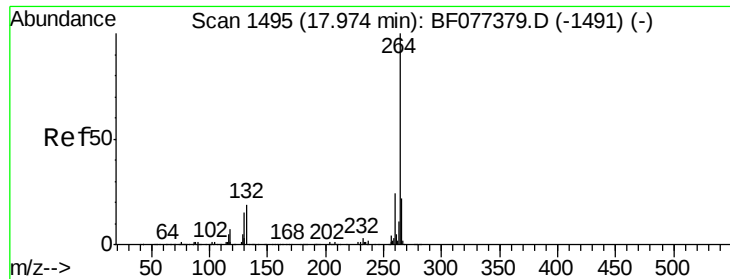
#82
Chrysene
Concen: 4.29 ng
RT: 16.27 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF077408.D
Acq: 23 Feb 2015 16:38

Tgt Ion:228 Resp: 82157
Ion Ratio Lower Upper
228 100
226 31.7 24.9 37.3
229 32.8 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

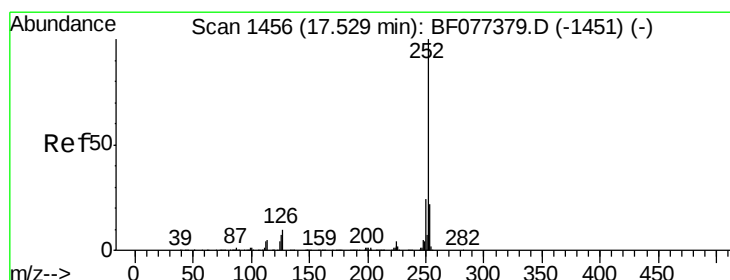
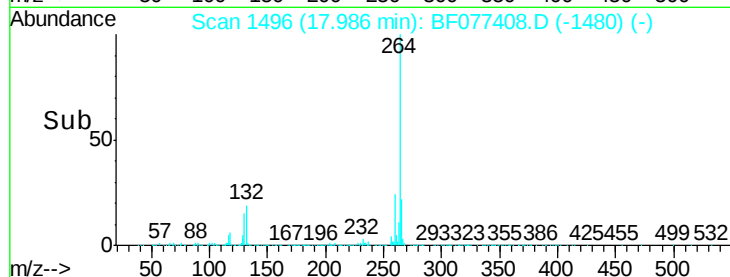
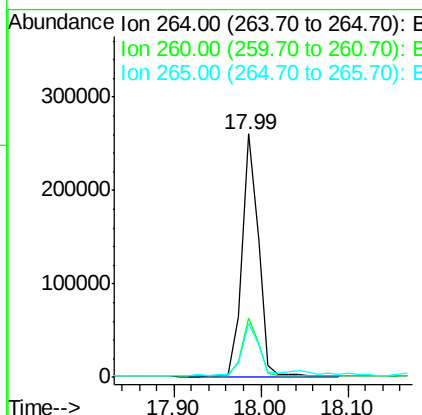
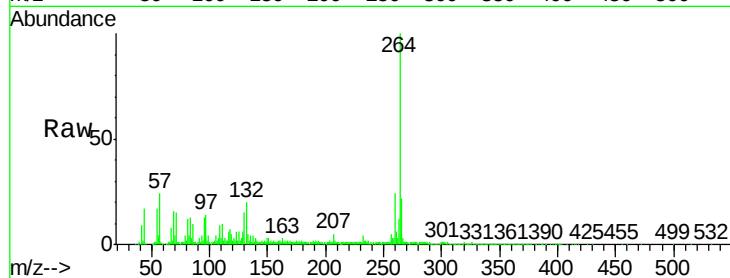




#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.99 min Scan# 1496
Delta R.T. -0.11 min
Lab File: BF077408.D
Acq: 23 Feb 2015 16:38

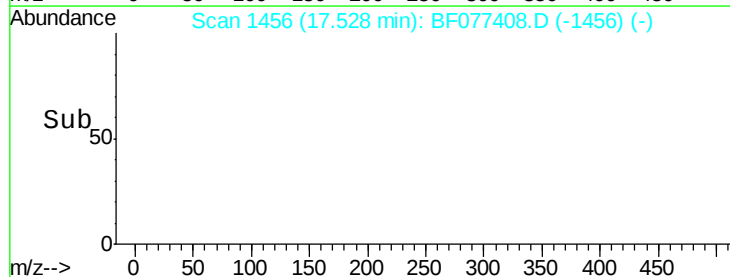
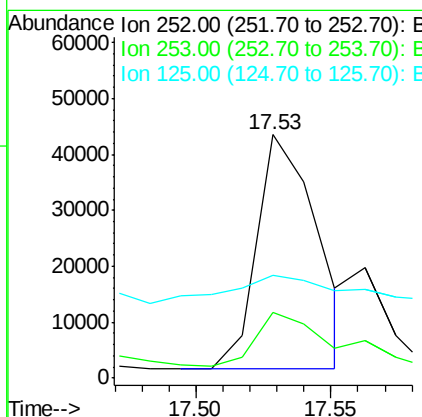
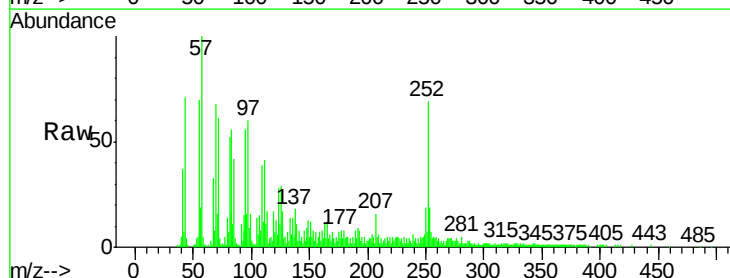
Instrument :
BNA_F
ClientSampleId :
UB10PX1

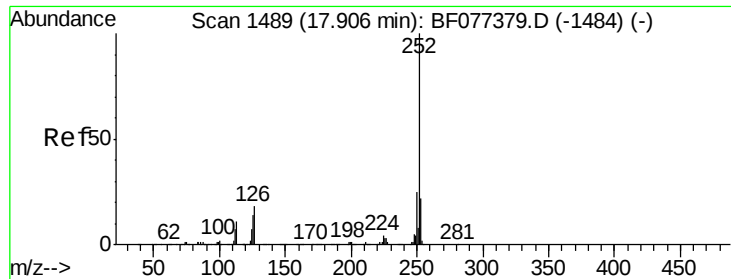
Tot Ion:264 Resp: 338730
Ion Ratio Lower Upper
264 100
260 24.2 19.3 28.9
265 22.4 16.8 25.2



#87
Benzo(b)fluoranthene
Concen: 3.33 ng m
RT: 17.53 min Scan# 1456
Delta R.T. -0.10 min
Lab File: BF077408.D
Acq: 23 Feb 2015 16:38

Tgt Ion:252 Resp: 65611
Ion Ratio Lower Upper
252 100
253 26.8 17.6 26.4#
125 42.2 5.4 8.2#





#89

Benzo(a)pyrene

Concen: 2.08 ng

RT: 17.92 min Scan# 1490

Delta R.T. -0.13 min

Lab File: BF077408.D

Acq: 23 Feb 2015 16:38

Instrument :

BNA_F

ClientSampleId :

UB10PX1

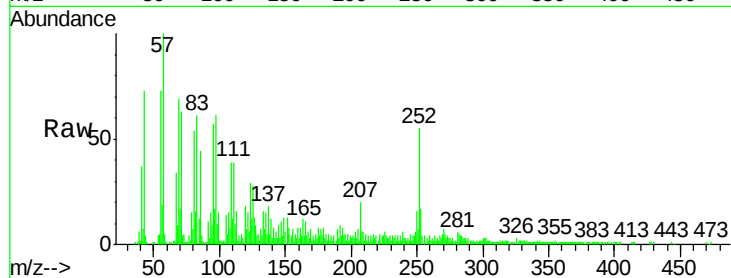
Tot Ion: 252 Resp: 39002

Ion Ratio Lower Upper

252 100

253 30.8 18.2 27.2#

125 50.7 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

