

Data Path : C:\DOCUMENTS AND SETTINGS\AYUL\DESKTOP\BF051415\
 Data File : BF079240.D
 Acq On : 14 May 2015 18:51
 Operator : TP/IZ
 Sample : G2215-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-39D

Quant Time: Aug 05 04:08:05 2015
 Quant Method : C:\DOCUMENTS AND SETTINGS\AYUL\DESKTOP\BF051415\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 05:08:22 2015
 Response via : Initial Calibration

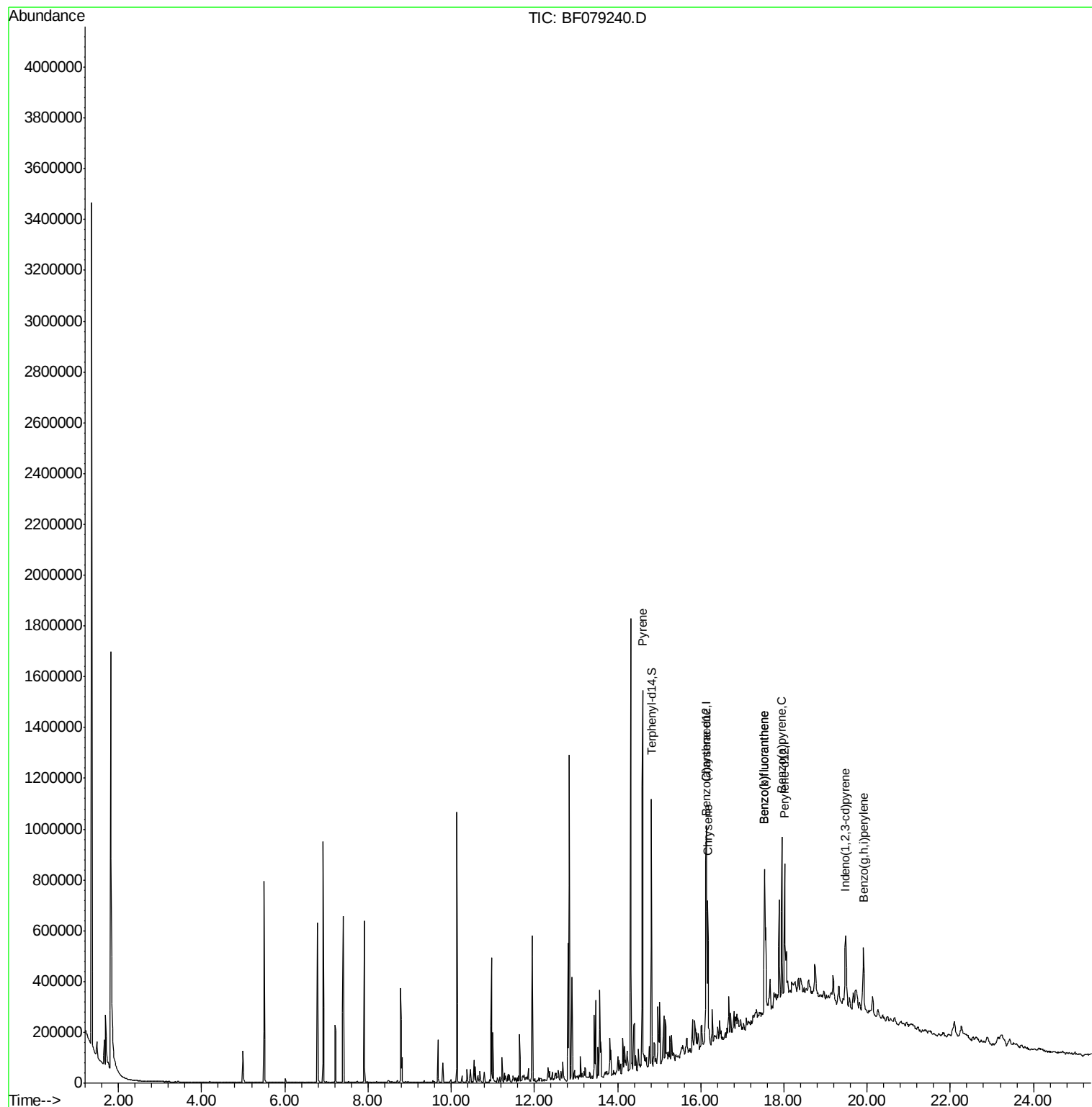
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.13
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.71
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.88
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.72
75) Chrysene-d12	16.14	240	225121	20.00	ng	0.11
86) Perylene-d12	18.02	264	251917	20.00	ng	0.21
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	14.81	244	379083	40.32	ng	0.09
Target Compounds						
77) Pyrene	14.61	202	779875	60.12	ng	Qvalue 100
80) Benzo(a)anthracene	16.13	228	360847	29.27	ng	95
82) Chrysene	16.17	228	316893	26.73	ng	97
85) Indeno(1,2,3-cd)pyrene	19.49	276	207455	13.73	ng	94
87) Benzo(b)fluoranthene	17.53	252	569086	41.27	ng	99
88) Benzo(k)fluoranthene	17.53	252	569086	42.63	ng	# 95
89) Benzo(a)pyrene	17.95	252	338747	26.68	ng	98
91) Benzo(g,h,i)perylene	19.91	276	205237	15.18	ng	95

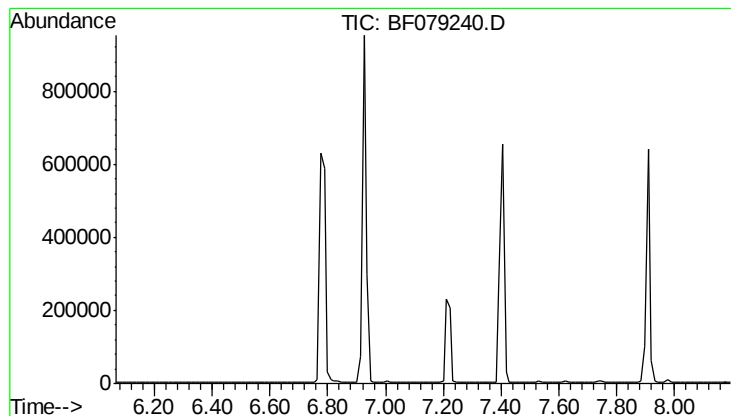
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 7.13 min

Lab File: BF079240.D

Acq: 14 May 2015 18:51

Instrument :

BNA_F

ClientSampleId :

SB-39D

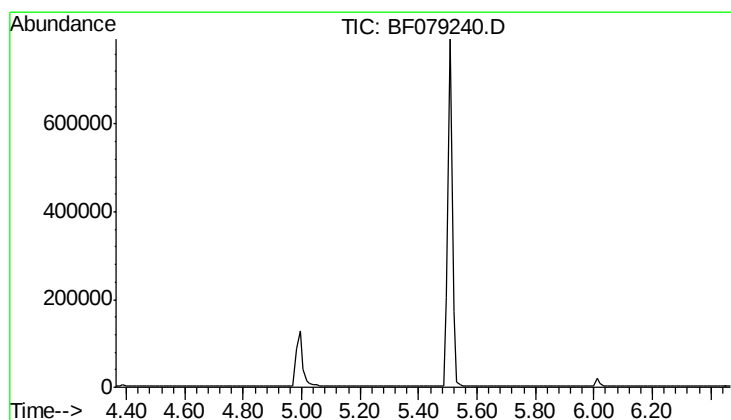
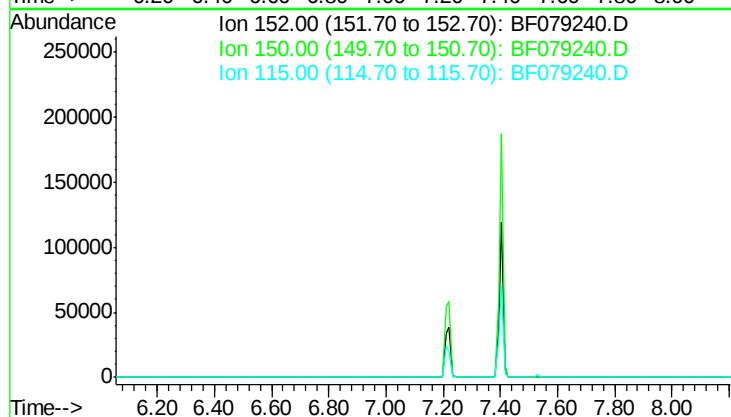
Tot Ion: 152

Sig Exp Ratio

152 100

150 154.8

115 61.7



#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 5.42 min

Lab File: BF079240.D

Acq: 14 May 2015 18:51

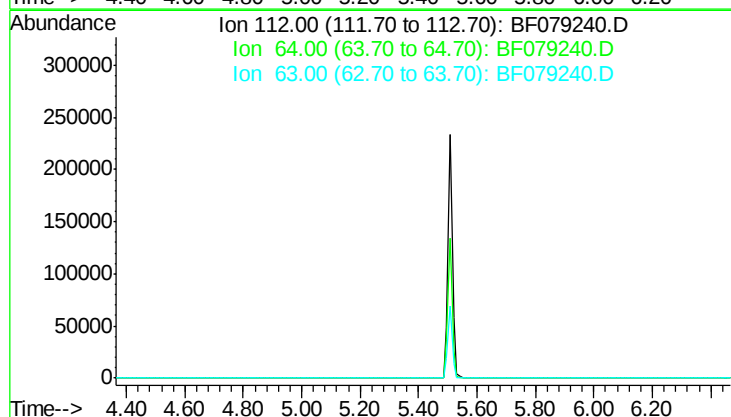
Tgt Ion: 112

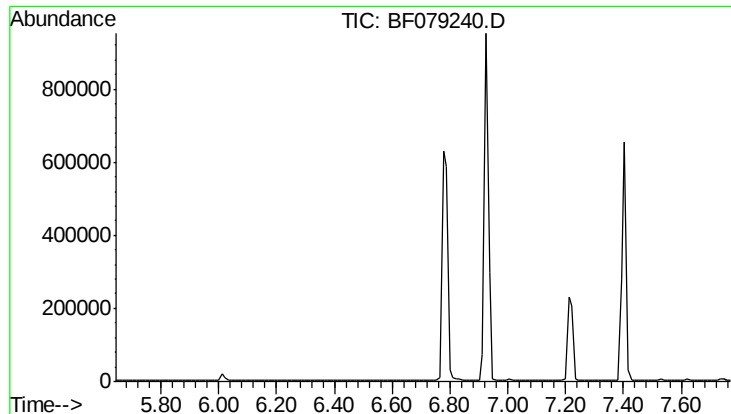
Sig Exp Ratio

112 100

64 55.2

63 28.4





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.71 min

Lab File: BF079240.D

Acq: 14 May 2015 18:51

Instrument :

BNA_F

ClientSampleId :

SB-39D

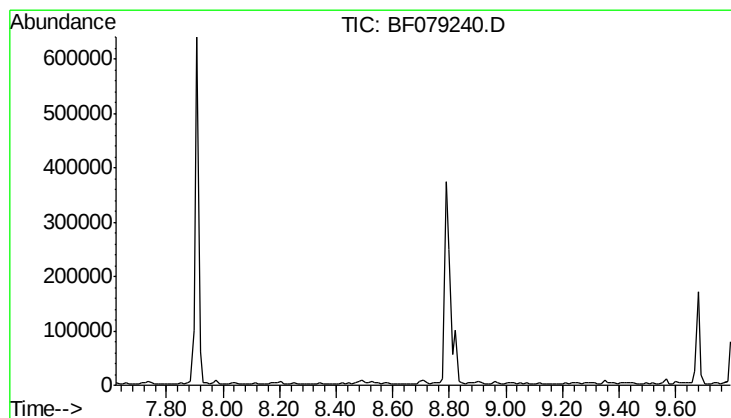
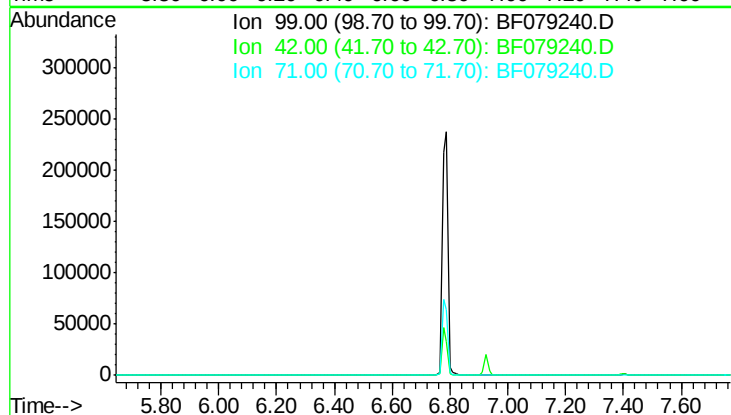
Tot Ion: 99

Sig Exp Ratio

99 100

42 21.4

71 32.9



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 8.71 min

Lab File: BF079240.D

Acq: 14 May 2015 18:51

Tgt Ion: 136

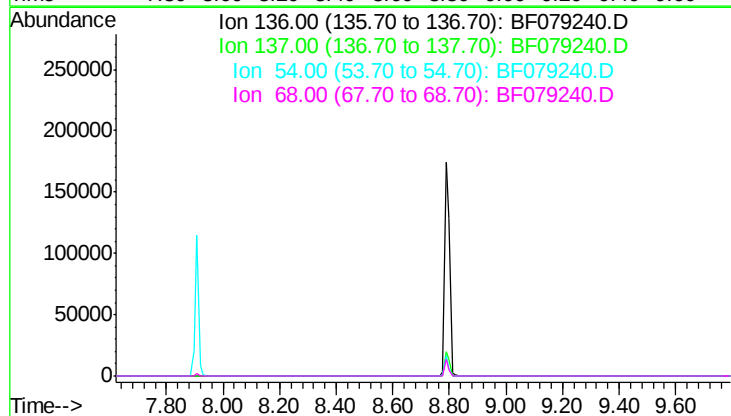
Sig Exp Ratio

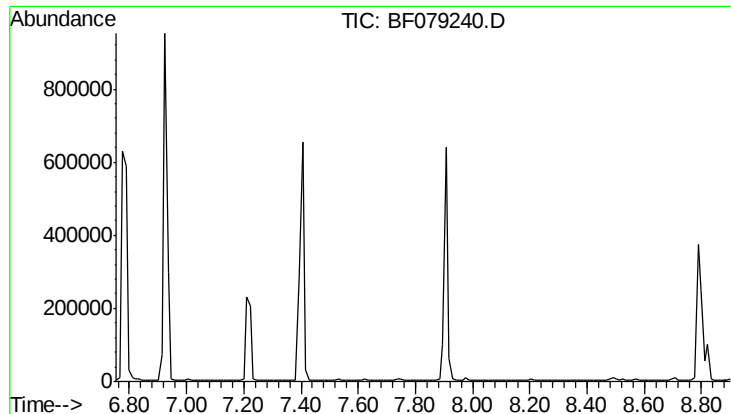
136 100

137 11.0

54 8.6

68 6.1

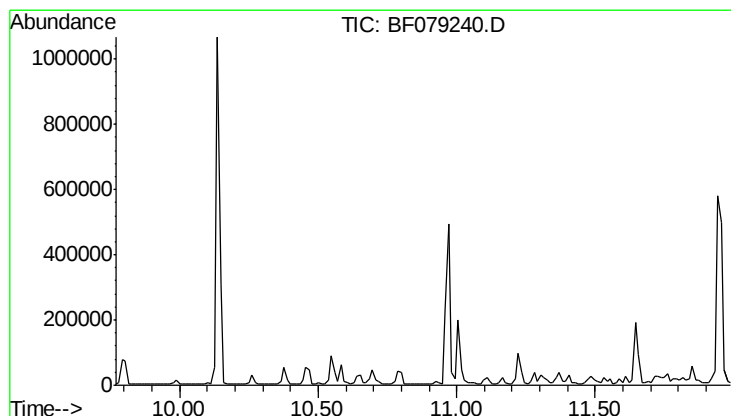
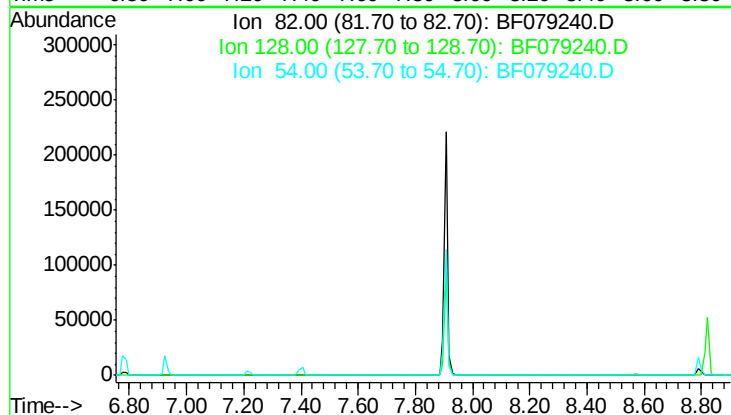




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.83 min
 Lab File: BF079240.D
 Acq: 14 May 2015 18:51

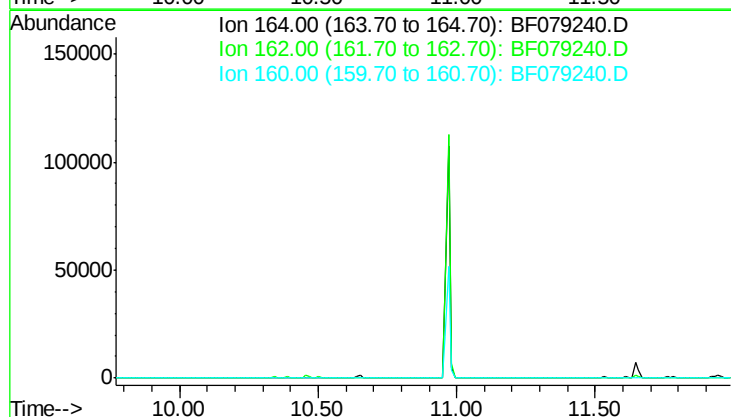
Instrument :
 BNA_F
 ClientSampleId :
 SB-39D

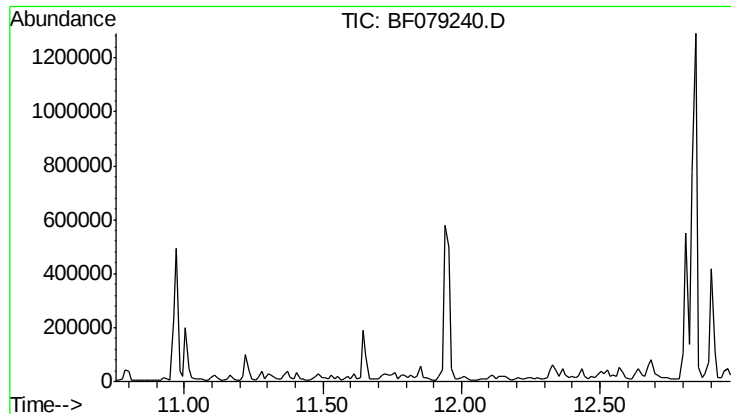
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 37.1
 54 57.8



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 10.88 min
 Lab File: BF079240.D
 Acq: 14 May 2015 18:51

Tgt Ion: 164
 Sig Exp Ratio
 164 100
 162 101.7
 160 45.7





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 11.86 min

Lab File: BF079240.D

Acq: 14 May 2015 18:51

Instrument :

BNA_F

ClientSampleId :

SB-39D

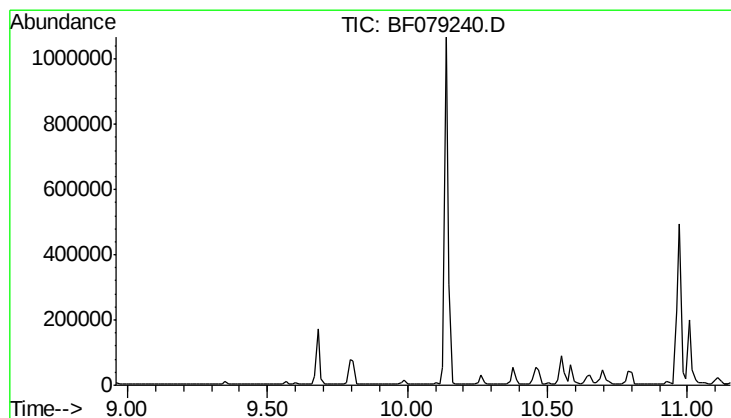
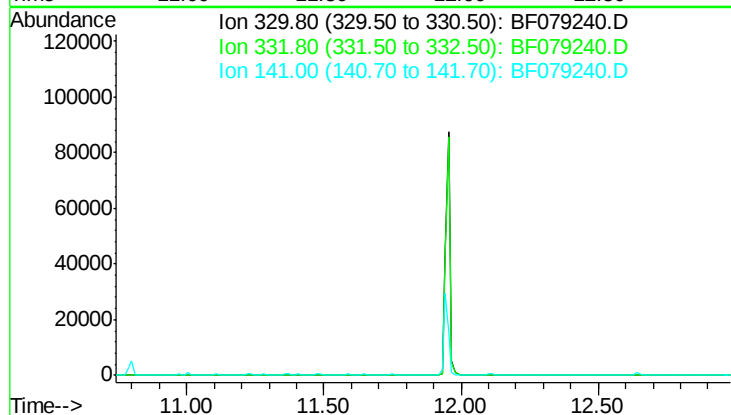
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.1

141 34.8



#44

2-Fluorobiphenyl

Concen: 0.00 ng

Expected RT: 10.06 min

Lab File: BF079240.D

Acq: 14 May 2015 18:51

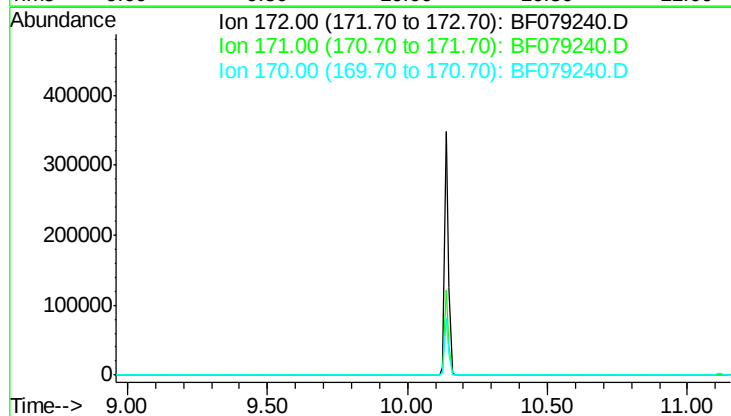
Tgt Ion: 172

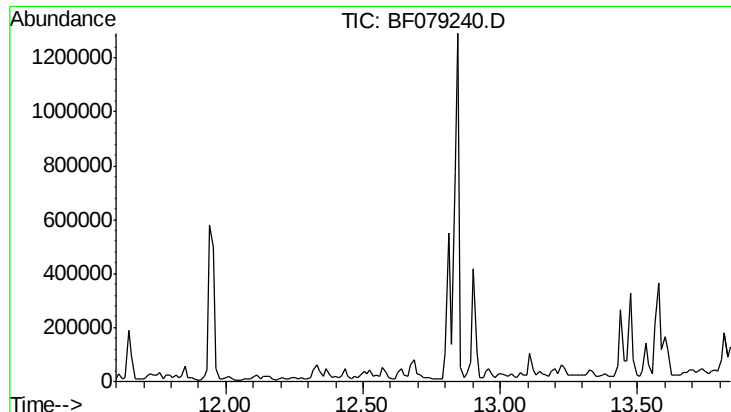
Sig Exp Ratio

172 100

171 35.4

170 24.3

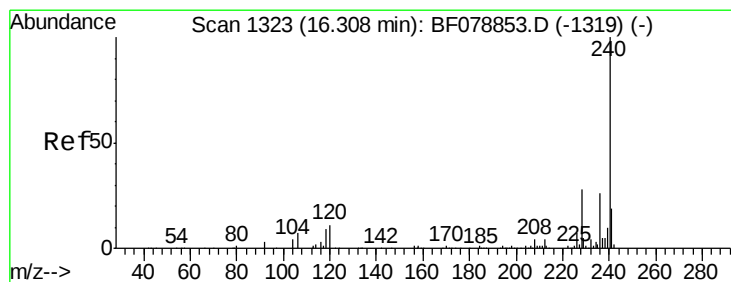
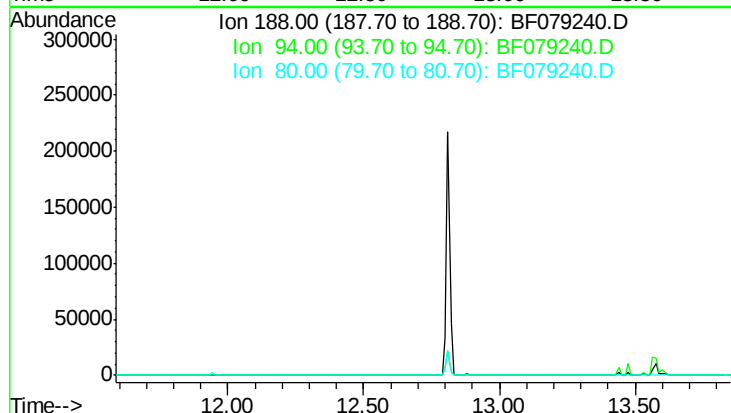




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.72 min
 Lab File: BF079240.D
 Acq: 14 May 2015 18:51

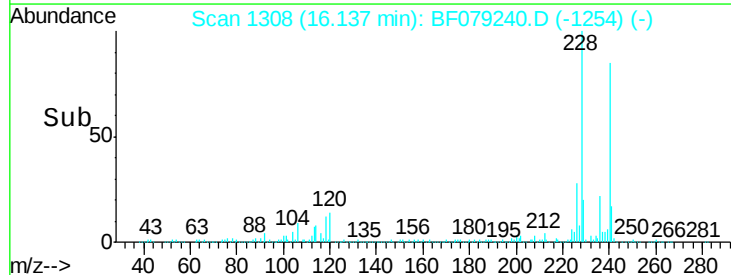
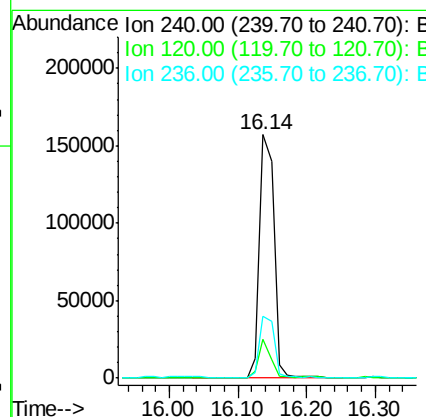
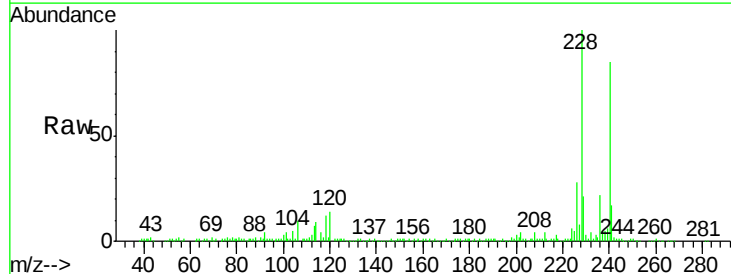
Instrument :
 BNA_F
 ClientSampleId :
 SB-39D

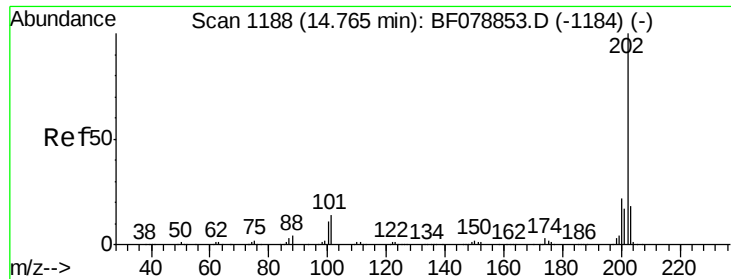
Tot Ion: 188
 Sig Exp Ratio
 188 100
 94 11.7
 80 12.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.14 min Scan# 1308
 Delta R.T. 0.11 min
 Lab File: BF079240.D
 Acq: 14 May 2015 18:51

Tgt Ion: 240 Resp: 225121
 Ion Ratio Lower Upper
 240 100
 120 15.9 8.6 12.8#
 236 25.5 21.0 31.6

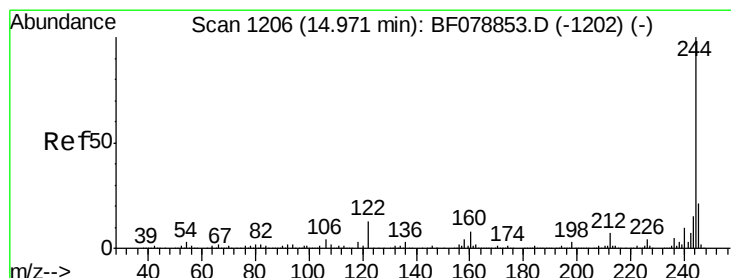
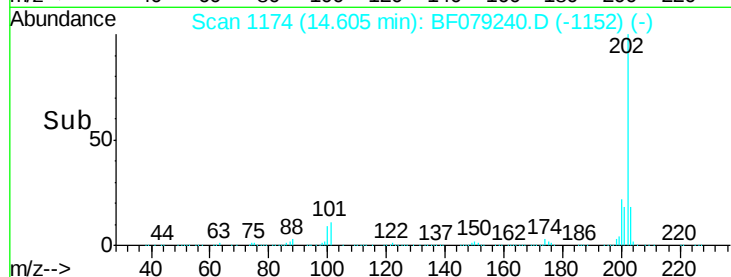
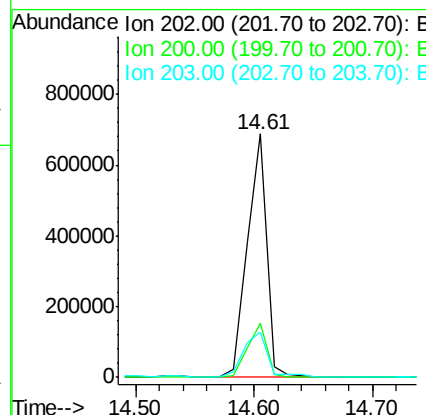
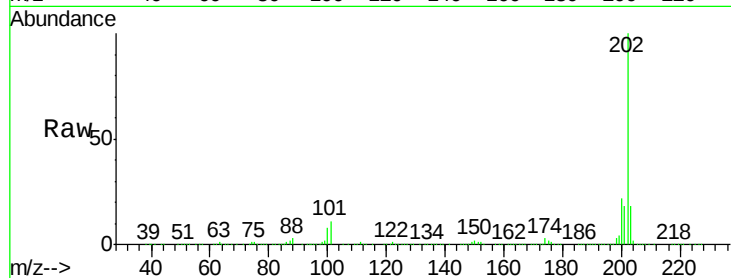




#77
Pvrene
Concen: 60.12 ng
RT: 14.61 min Scan# 1174
Delta R.T. 0.10 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

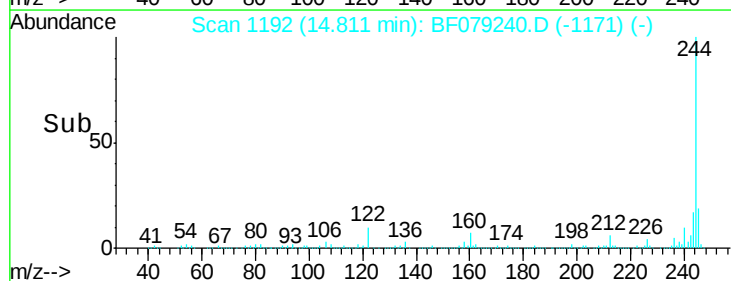
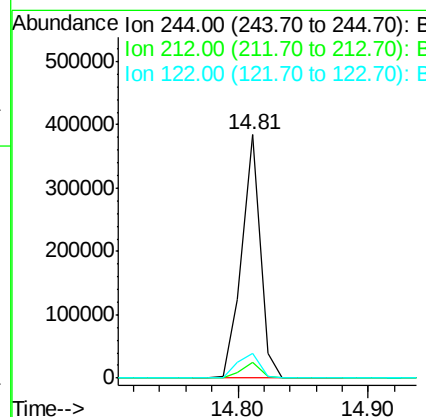
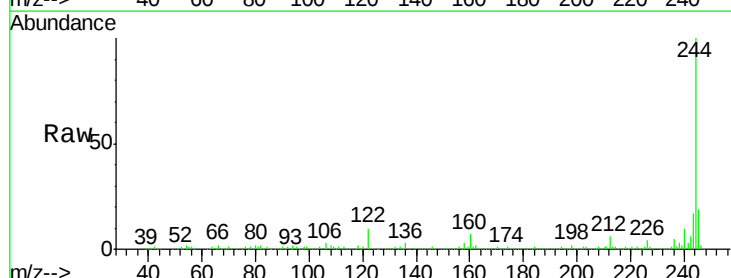
Instrument :
BNA_F
ClientSampleId :
SB-39D

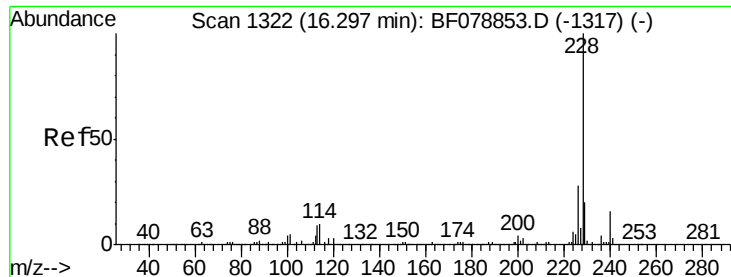
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.5	26.3
203	18.4	14.7	22.1



#78
Terphenyl-d14
Concen: 40.32 ng
RT: 14.81 min Scan# 1192
Delta R.T. 0.09 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	10.4	10.5	15.7#





#80

Benzo(a)anthracene

Concen: 29.27 ng

RT: 16.13 min Scan# 1307

Delta R.T. 0.11 min

Lab File: BF079240.D

Acq: 14 May 2015 18:51

Instrument :

BNA_F

ClientSampleId :

SB-39D

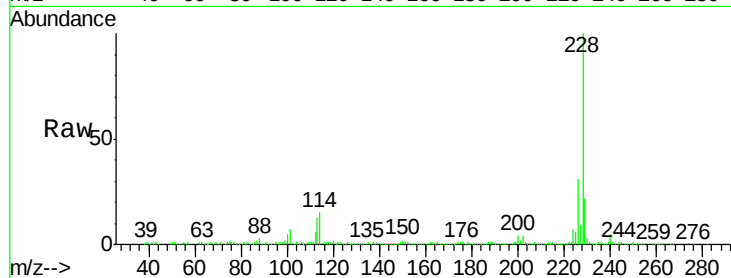
Tot Ion:228 Resp: 360847

Ion Ratio Lower Upper

228 100

226 31.5 22.3 33.5

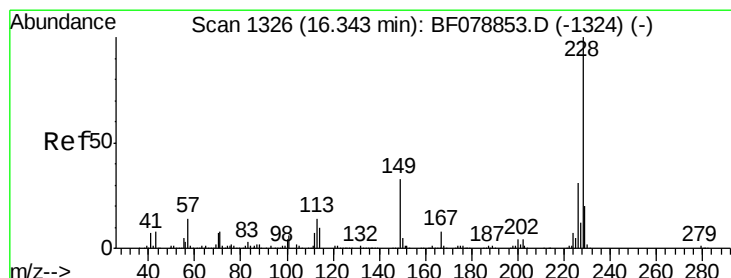
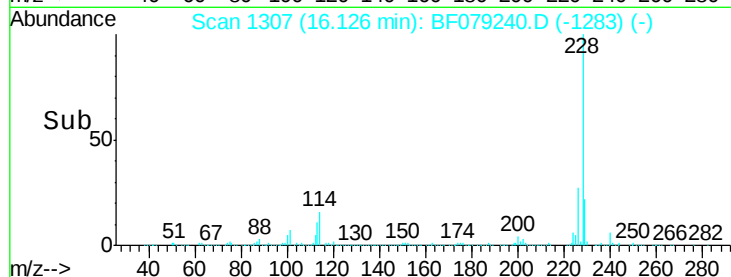
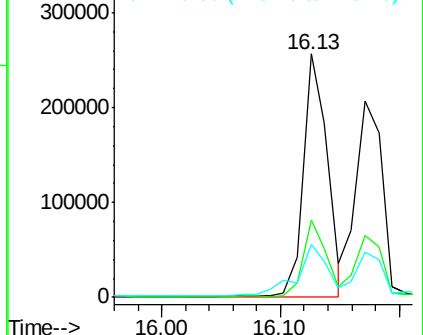
229 21.7 16.1 24.1



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: 26.73 ng

RT: 16.17 min Scan# 1311

Delta R.T. 0.11 min

Lab File: BF079240.D

Acq: 14 May 2015 18:51

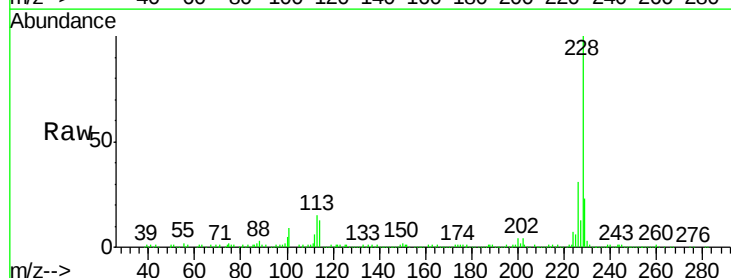
Tgt Ion:228 Resp: 316893

Ion Ratio Lower Upper

228 100

226 31.5 24.8 37.2

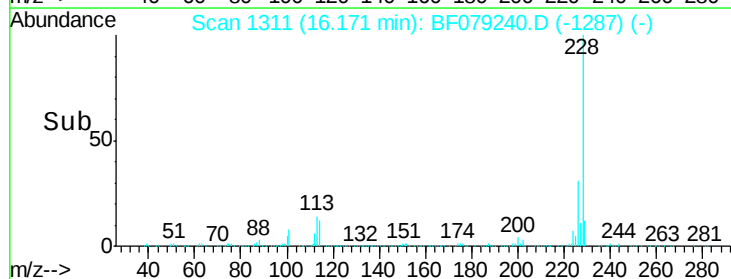
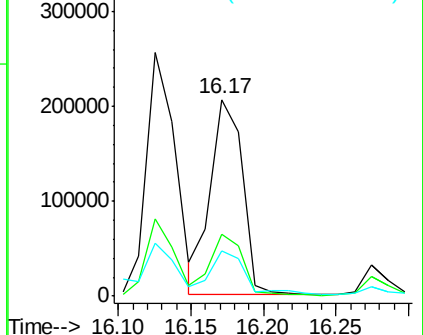
229 22.7 16.1 24.1

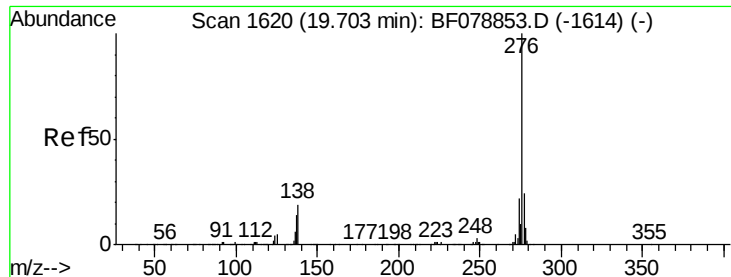


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

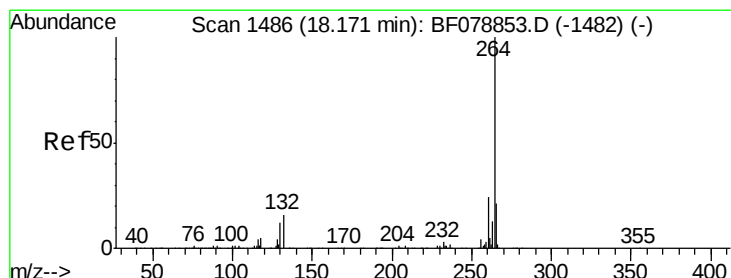
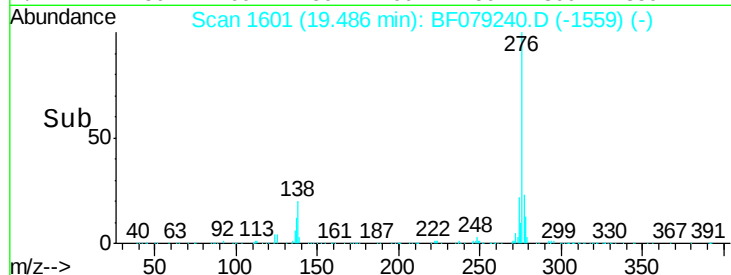
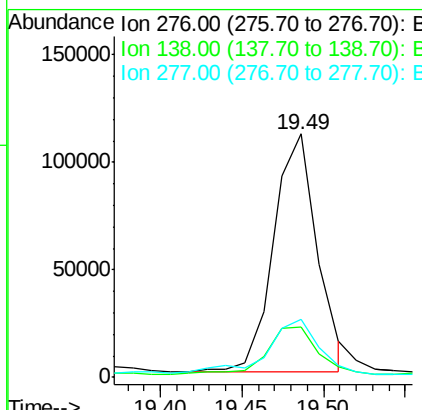
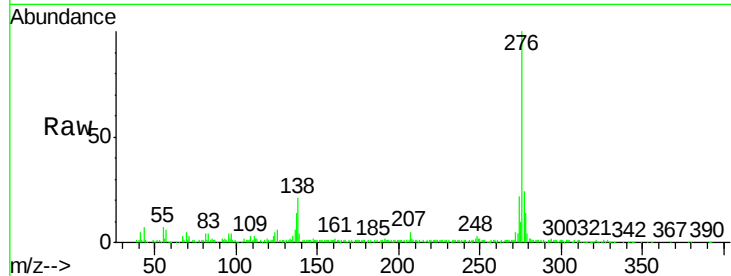




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 13.73 ng
 RT: 19.49 min Scan# 1601
 Delta R.T. 0.27 min
 Lab File: BF079240.D
 Acq: 14 May 2015 18:51

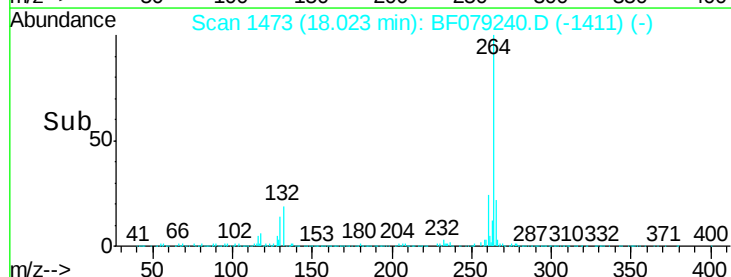
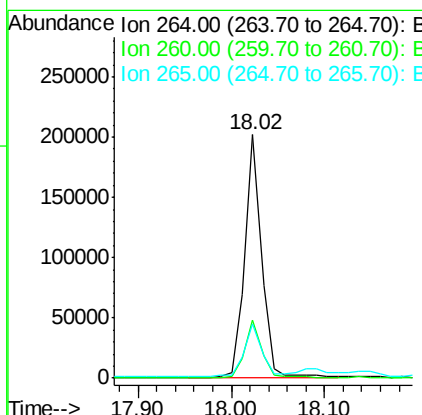
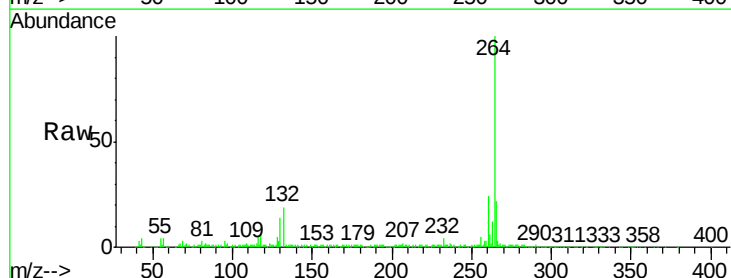
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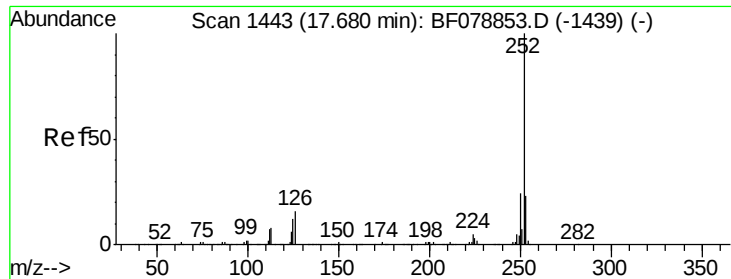
Tot Ion:276	Resp:	207455
Ion Ratio	Lower	Upper
276	100	
138	22.4	21.1 31.7
277	26.9	19.9 29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.02 min Scan# 1473
 Delta R.T. 0.21 min
 Lab File: BF079240.D
 Acq: 14 May 2015 18:51

Tgt Ion:264	Resp:	251917
Ion Ratio	Lower	Upper
264	100	
260	23.9	19.2 28.8
265	22.3	17.2 25.8

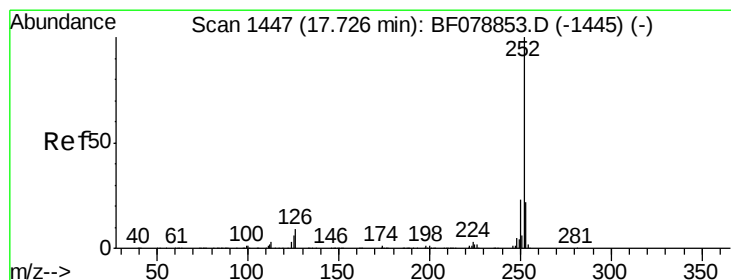
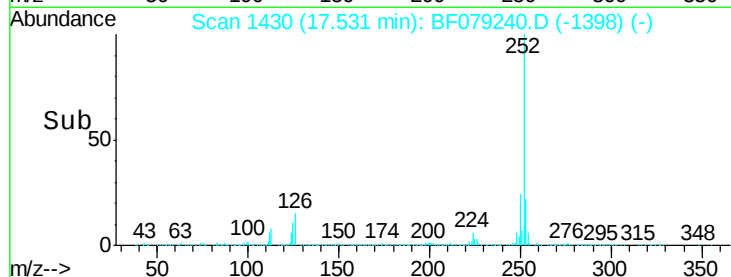
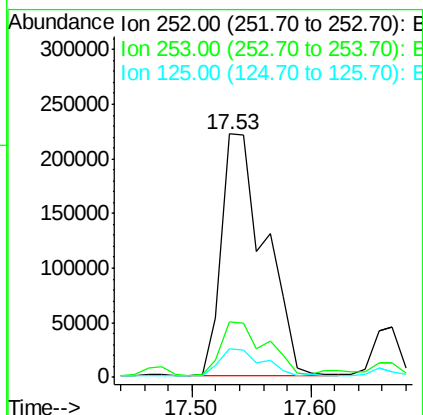
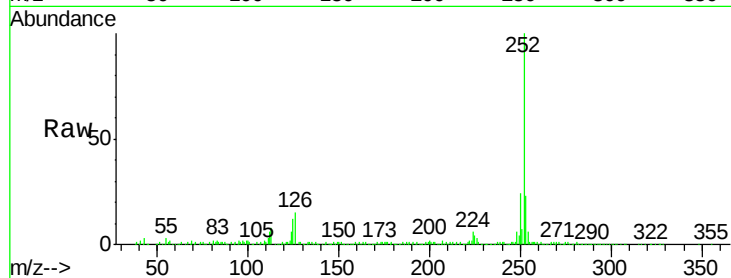




#87
Benzo(b)fluoranthene
Concen: 41.27 ng
RT: 17.53 min Scan# 1430
Delta R.T. 0.18 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

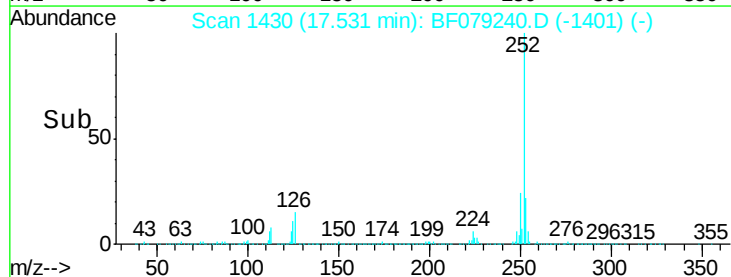
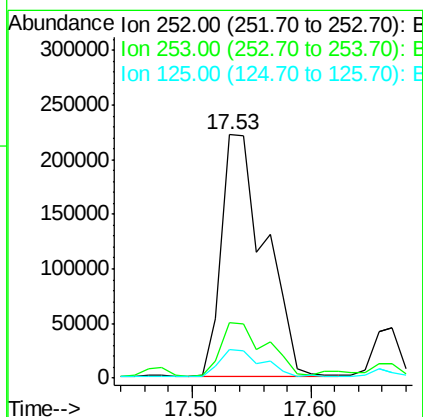
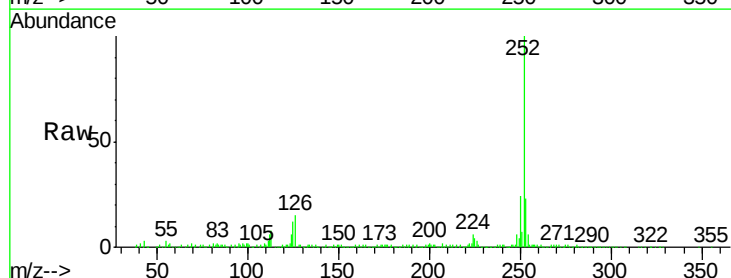
Instrument :
BNA_F
ClientSampleId :
SB-39D

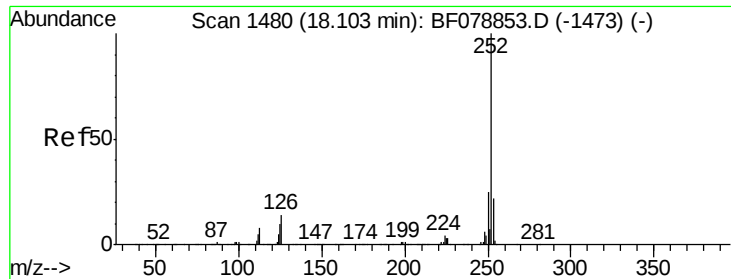
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	11.6	9.4	14.2



#88
Benzo(k)fluoranthene
Concen: 42.63 ng
RT: 17.53 min Scan# 1430
Delta R.T. 0.15 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	11.6	6.1	9.1#

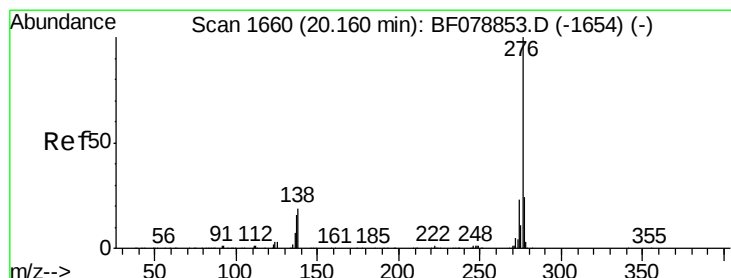
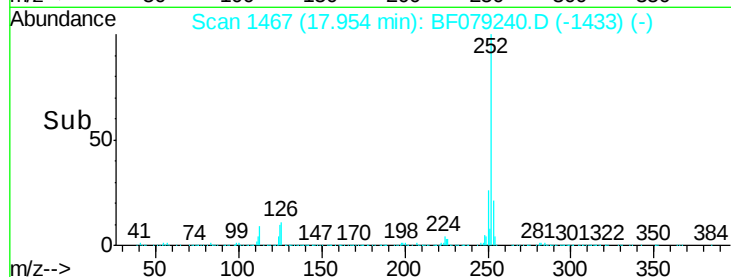
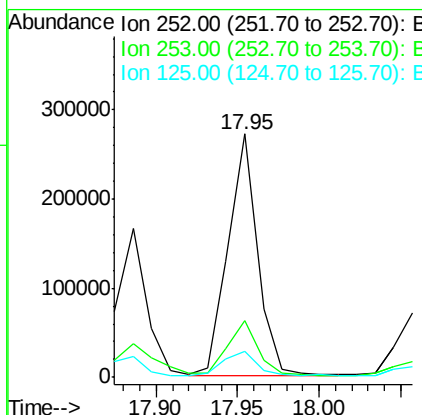
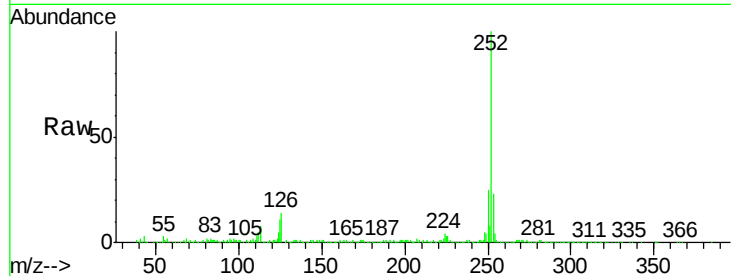




#89
Benzo(a)pyrene
Concen: 26.68 ng
RT: 17.95 min Scan# 1467
Delta R.T. 0.21 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	10.6	8.2	12.2



#91
Benzo(g,h,i)perylene
Concen: 15.18 ng
RT: 19.91 min Scan# 1638
Delta R.T. 0.29 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.8	28.2
138	22.5	15.2	22.8

