

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051415\
 Data File : BF079237.D
 Acq On : 14 May 2015 17:13
 Operator : TP/IZ
 Sample : G2215-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-39S

Quant Time: May 15 01:11:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 00:55:32 2015
 Response via : Initial Calibration

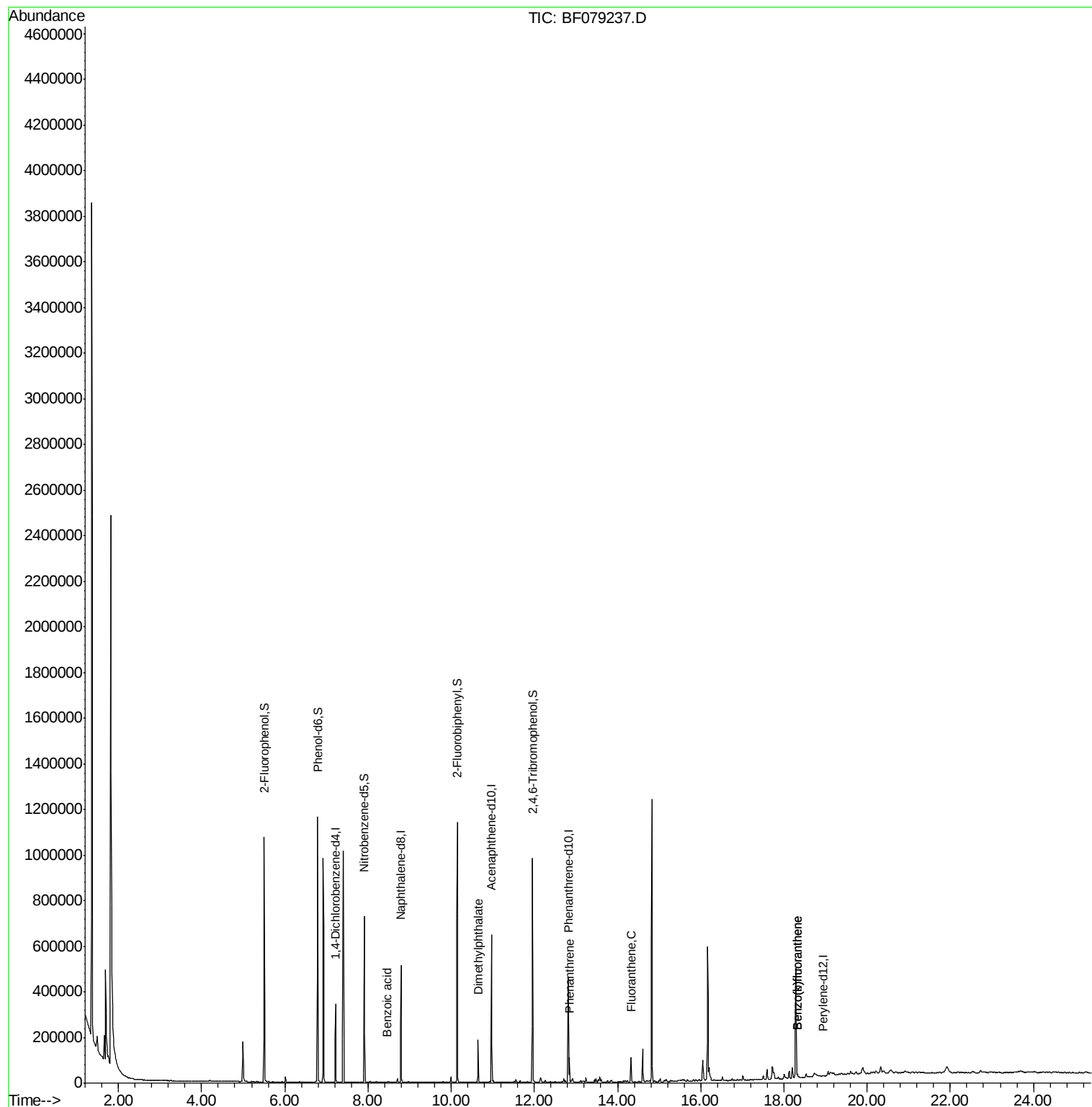
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	64564	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	270112	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	132202	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	257655	20.00	ng	0.00
75) Chrysene-d12	0.00	240	0	0.00	ng	-16.50
86) Perylene-d12	18.95	264	1181	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	321147	85.62	ng	0.00
7) Phenol-d6	6.79	99	445802	89.92	ng	0.00
23) Nitrobenzene-d5	7.91	82	233491	49.68	ng	-0.01
41) 2,4,6-Tribromophenol	11.95	330	123454	86.32	ng	0.00
44) 2-Fluorobiphenyl	10.15	172	445971	47.00	ng	0.00
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
32) Benzoic acid	8.46	122	306	6.42	ng	# 87
49) Dimethylphthalate	10.65	163	74830	7.71	ng	98
70) Phenanthrene	12.85	178	43608	3.03	ng	97
74) Fluoranthene	14.33	202	67691	4.51	ng	92
87) Benzo(b)fluoranthene	18.33	252	9475	146.58	ng	# 92
88) Benzo(k)fluoranthene	18.33	252	8342	133.30	ng	# 93

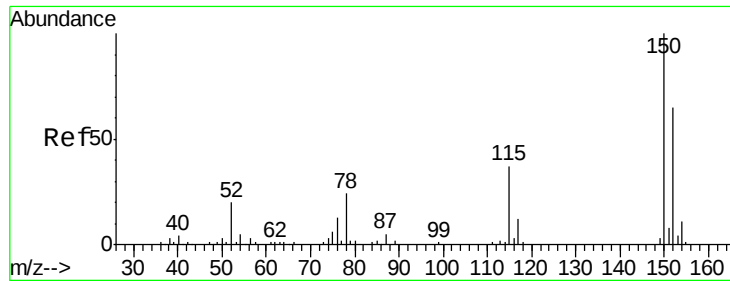
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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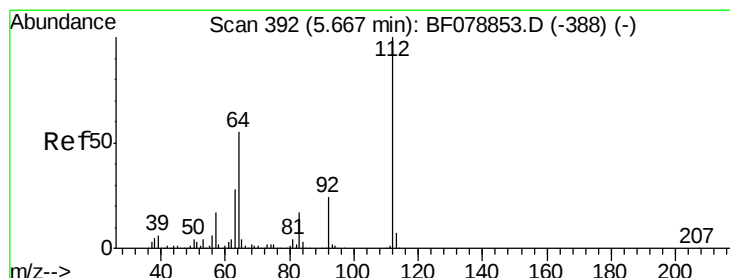
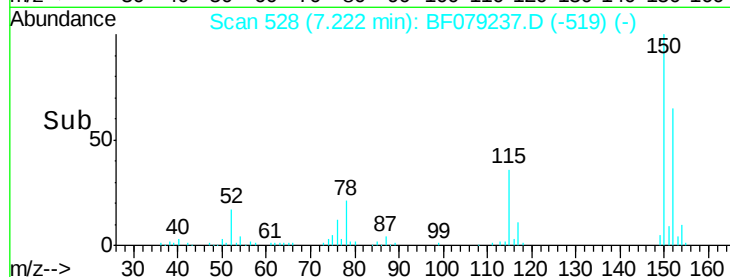
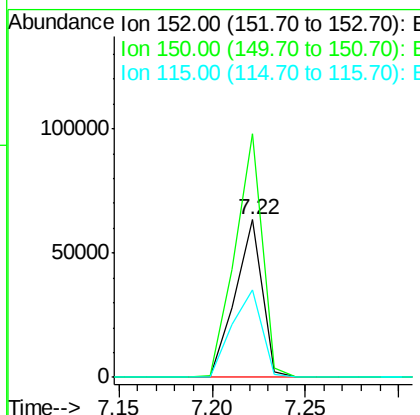
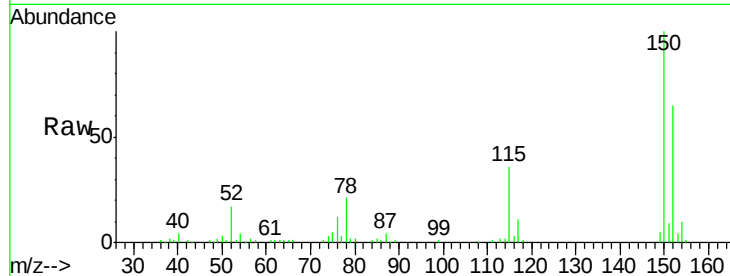




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.22 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF079237.D
 Acq: 14 May 2015 17:13

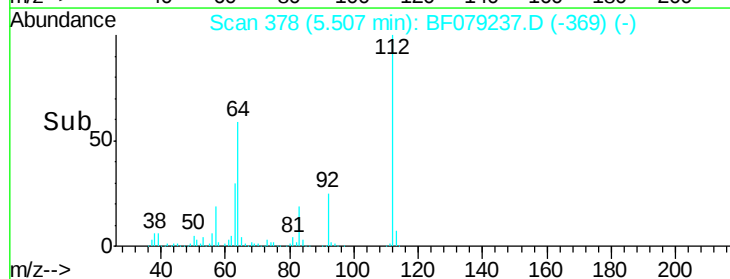
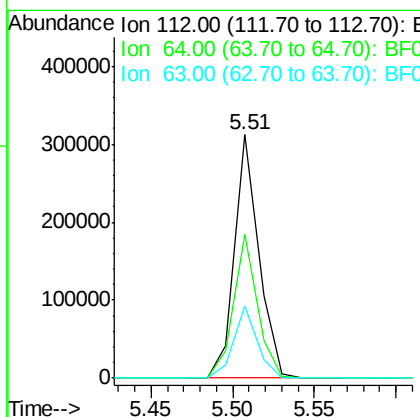
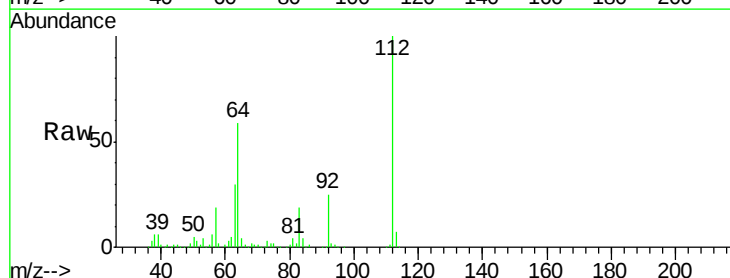
Instrument :
 BNA_F
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 SB-39S

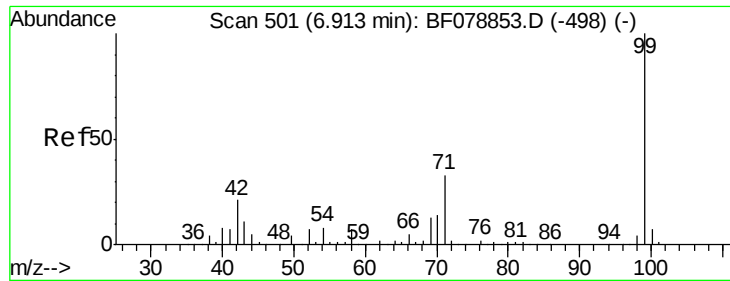
Tgt Ion:152 Resp: 64564
 Ion Ratio Lower Upper
 152 100
 150 154.5 122.0 183.0
 115 55.2 46.3 69.5



#5
 2-Fluorophenol
 Concen: 85.62 ng
 RT: 5.51 min Scan# 378
 Delta R.T. -0.00 min
 Lab File: BF079237.D
 Acq: 14 May 2015 17:13

Tgt Ion:112 Resp: 321147
 Ion Ratio Lower Upper
 112 100
 64 59.1 53.5 80.3
 63 29.7 27.5 41.3





#7

Phenol-d6

Concen: 89.92 ng

RT: 6.79 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF079237.D

Acq: 14 May 2015 17:13

Instrument :

BNA_F

ClientSampleId :

SB-39S

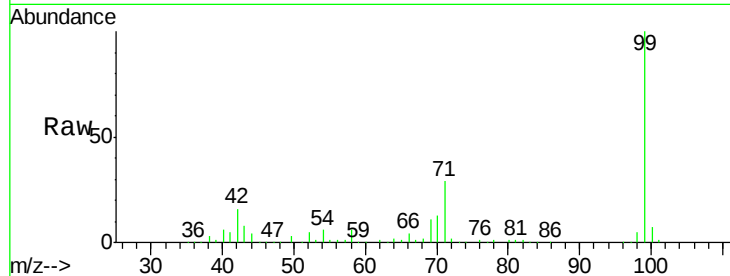
Tgt Ion: 99 Resp: 445802

Ion Ratio Lower Upper

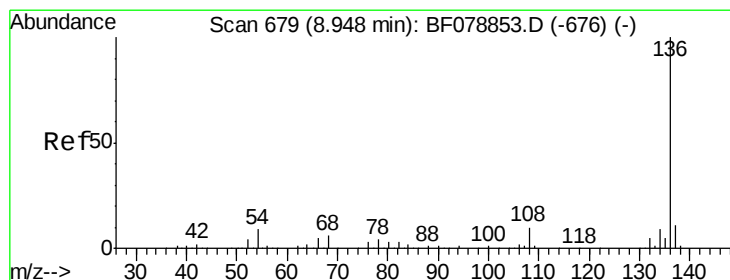
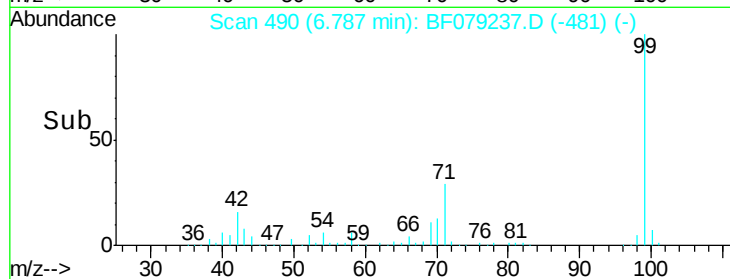
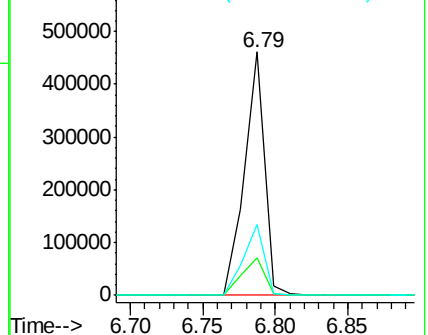
99 100

42 15.6 12.8 19.2

71 29.1 23.4 35.2



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: 8.80 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF079237.D

Acq: 14 May 2015 17:13

Tgt Ion: 136 Resp: 270112

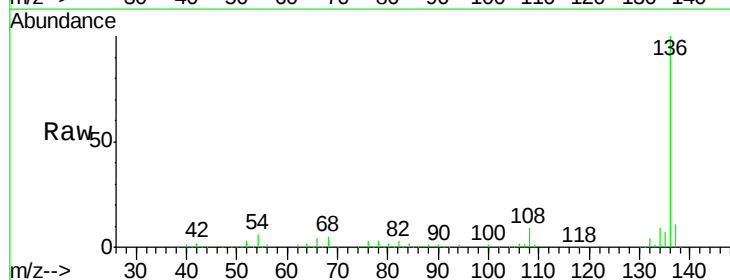
Ion Ratio Lower Upper

136 100

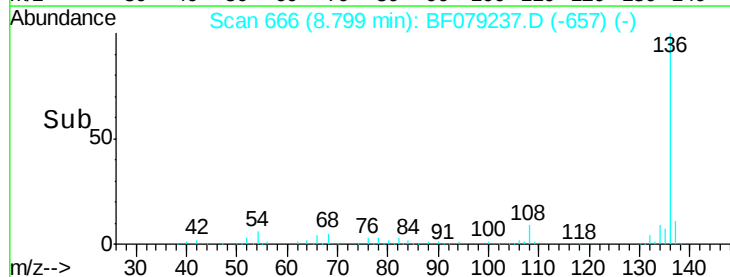
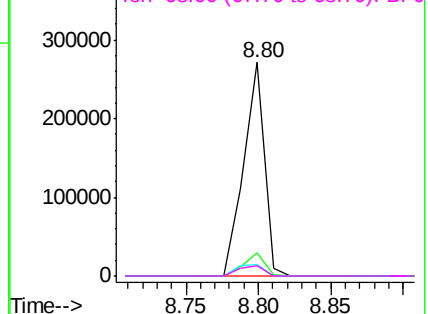
137 10.6 8.7 13.1

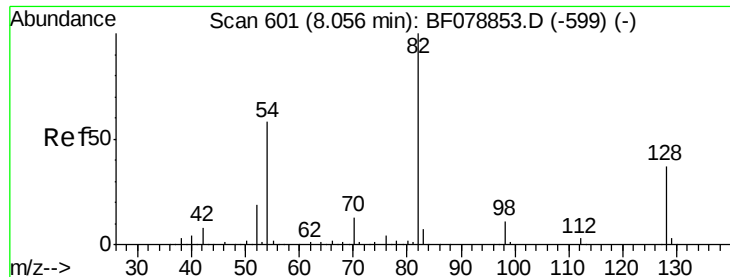
54 5.6 5.8 8.8#

68 4.9 4.2 6.4



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

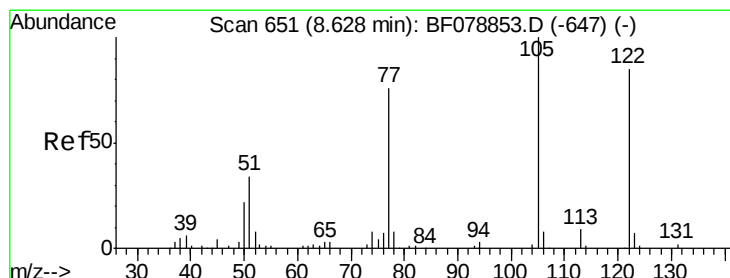
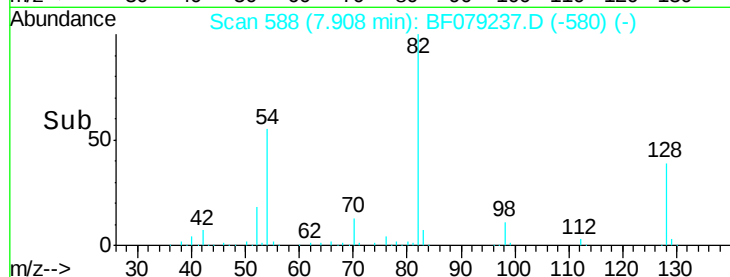
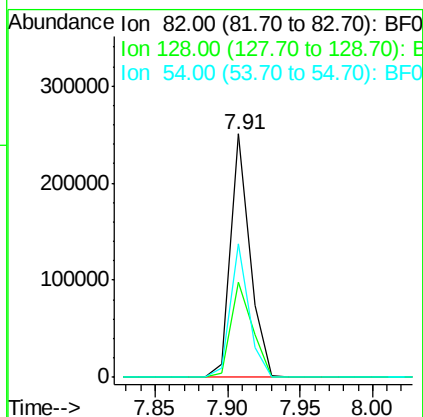
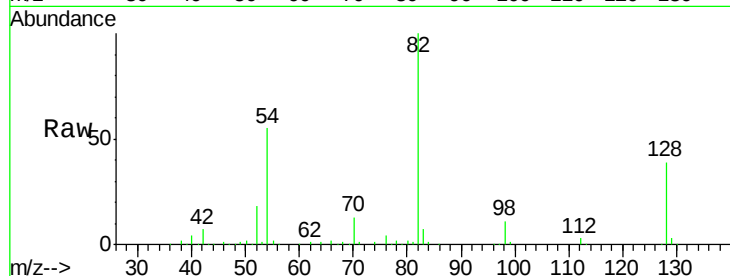




#23
 Nitrobenzene-d5
 Concen: 49.68 ng
 RT: 7.91 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF079237.D
 Acq: 14 May 2015 17:13

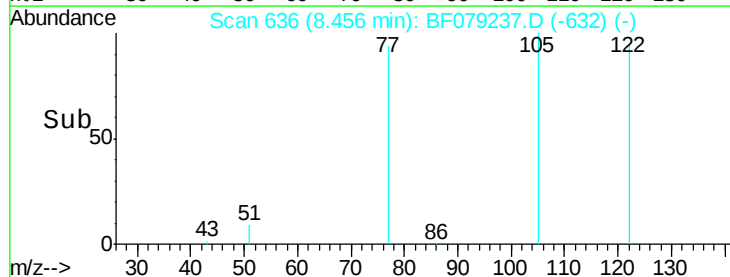
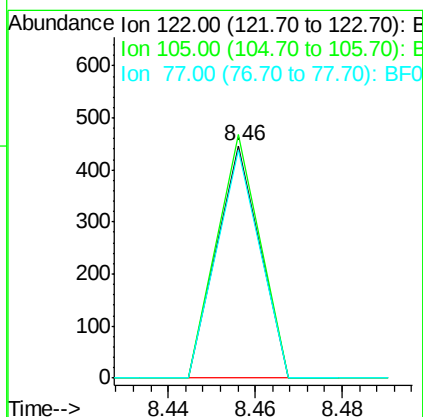
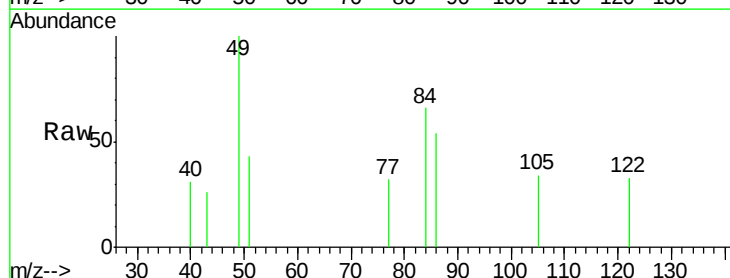
Instrument :
 BNA_F
 ClientSampleId :
 SB-39S

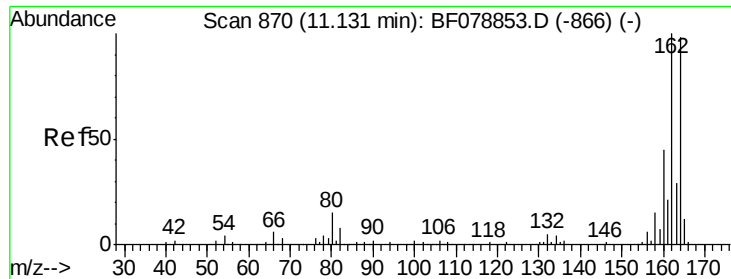
Tgt Ion: 82 Resp: 233491
 Ion Ratio Lower Upper
 82 100
 128 39.3 30.0 45.0
 54 54.8 46.4 69.6



#32
 Benzoic acid
 Concen: 6.42 ng
 RT: 8.46 min Scan# 636
 Delta R.T. -0.06 min
 Lab File: BF079237.D
 Acq: 14 May 2015 17:13

Tgt Ion: 122 Resp: 306
 Ion Ratio Lower Upper
 122 100
 105 104.9 107.1 147.1#
 77 98.2 73.9 113.9

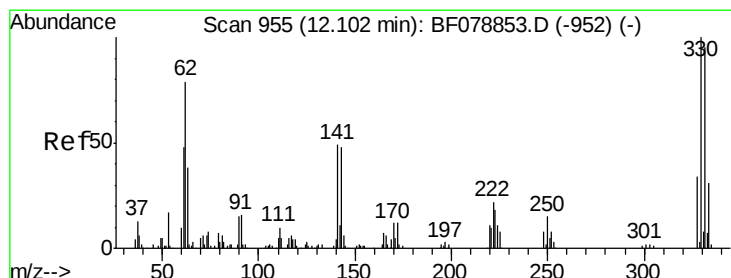
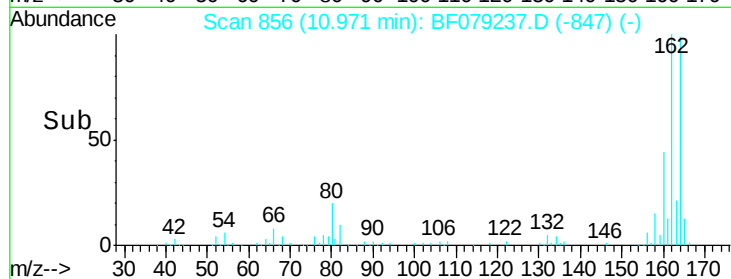
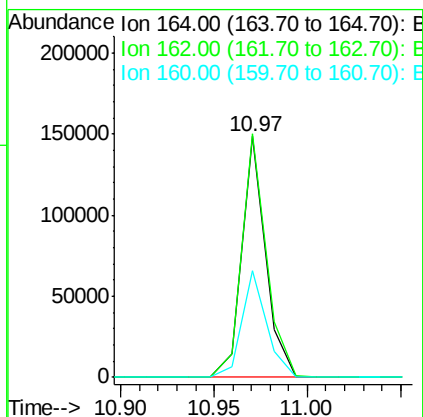
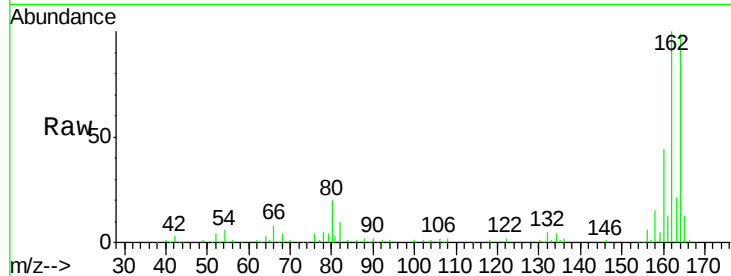




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BF079237.D
 Acq: 14 May 2015 17:13

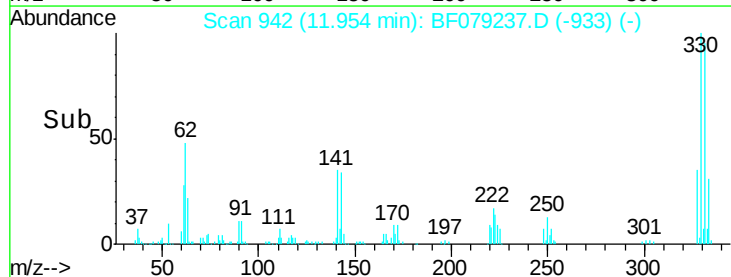
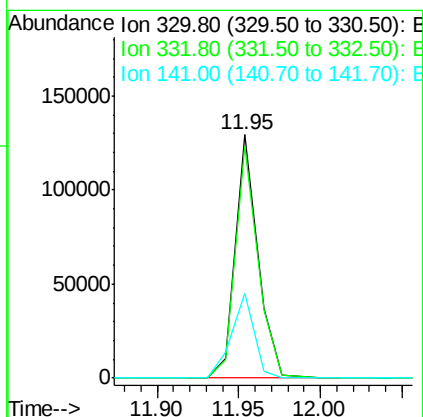
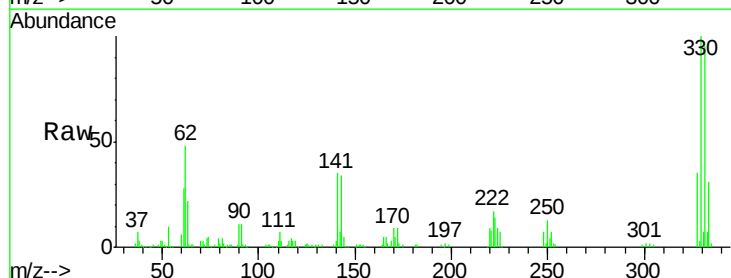
Instrument :
 BNA_F
 ClientSampleId :
 SB-39S

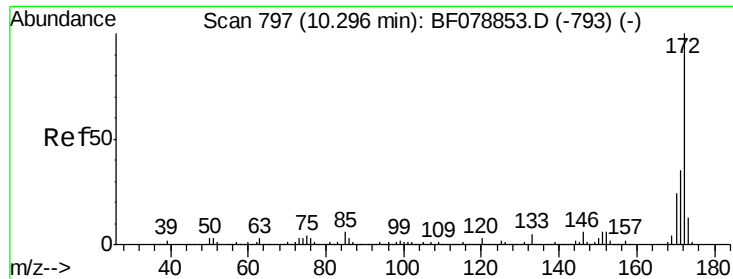
Tgt Ion:164 Resp: 132202
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.7 124.1
 160 44.4 35.8 53.8



#41
 2,4,6-Tribromophenol
 Concen: 86.32 ng
 RT: 11.95 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF079237.D
 Acq: 14 May 2015 17:13

Tgt Ion:330 Resp: 123454
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 35.4 0.0 0.0#

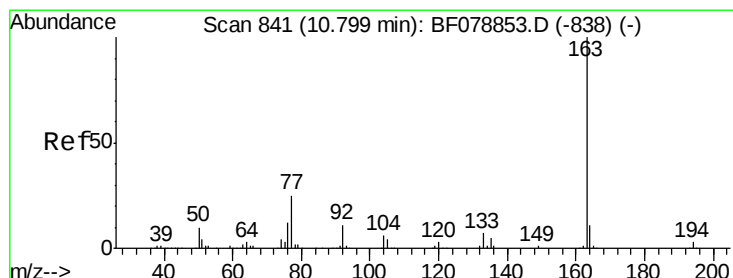
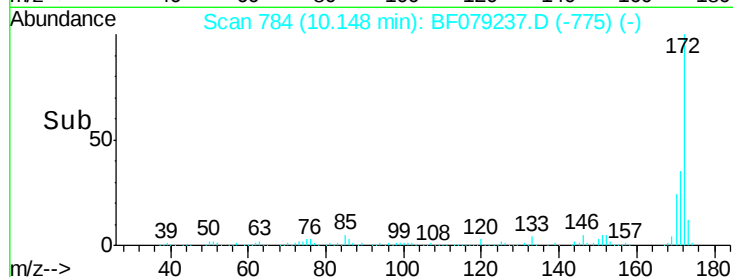
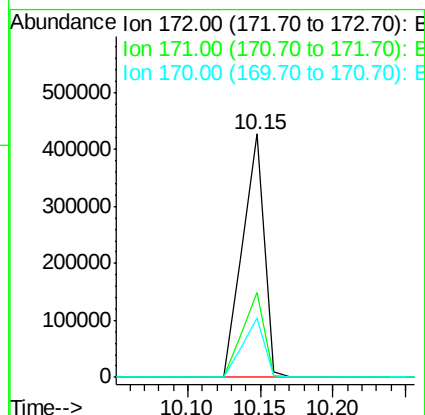
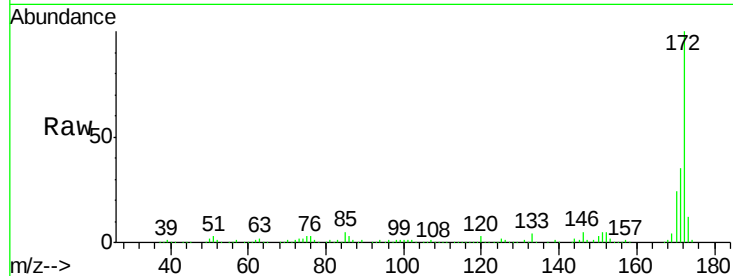




#44
 2-Fluorobiphenyl
 Concen: 47.00 ng
 RT: 10.15 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF079237.D
 Acq: 14 May 2015 17:13

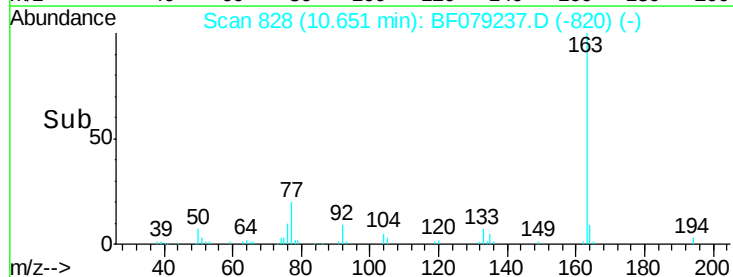
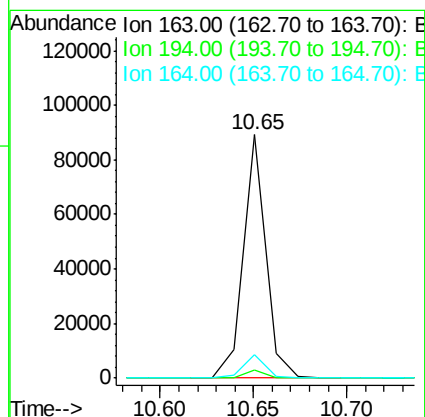
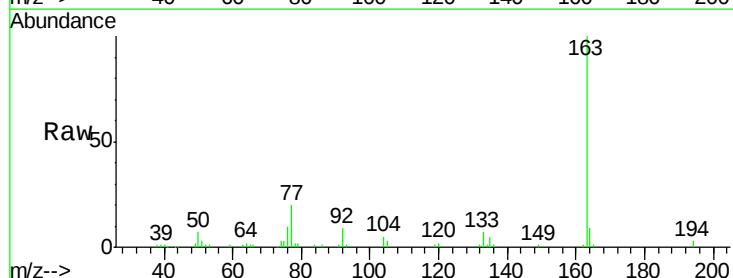
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 BNA_F
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 SB-39S

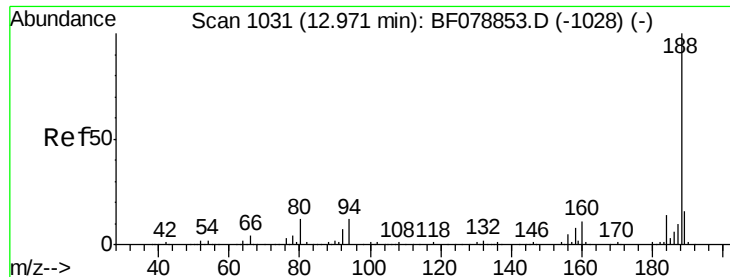
Tgt Ion:172 Resp: 445971
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.9 41.9
 170 24.1 19.4 29.0



#49
 Dimethylphthalate
 Concen: 7.71 ng
 RT: 10.65 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF079237.D
 Acq: 14 May 2015 17:13

Tgt Ion:163 Resp: 74830
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.6 4.0
 164 9.4 8.1 12.1

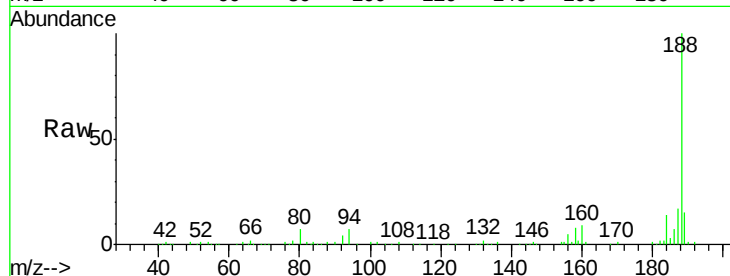




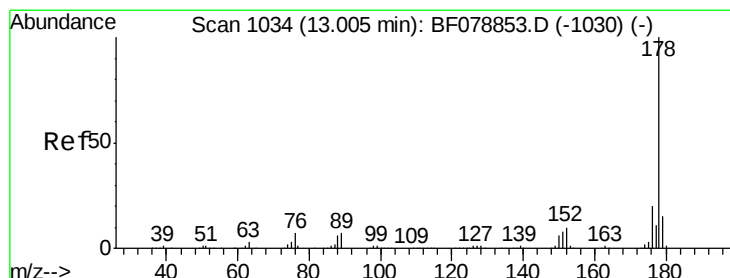
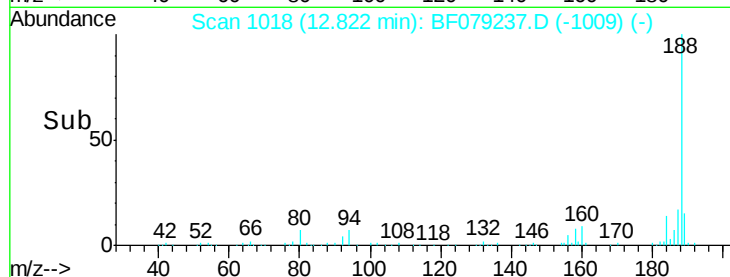
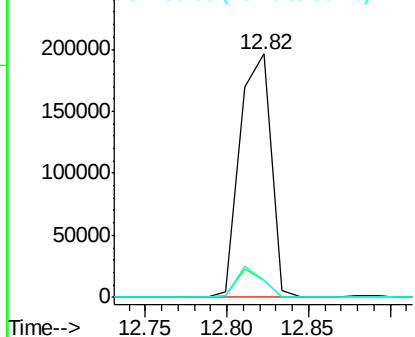
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Instrument :
BNA_F
ClientSampleId :
SB-39S

Tgt Ion:188 Resp: 257655
Ion Ratio Lower Upper
188 100
94 6.9 8.2 12.2#
80 6.8 8.9 13.3#

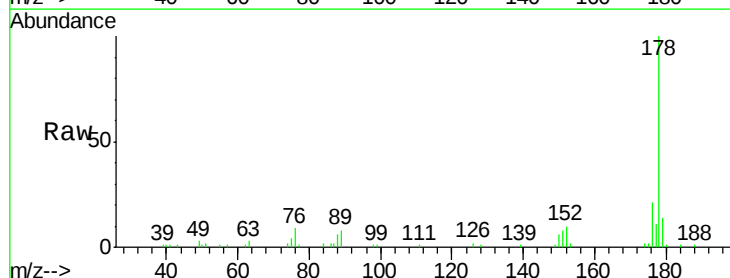


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

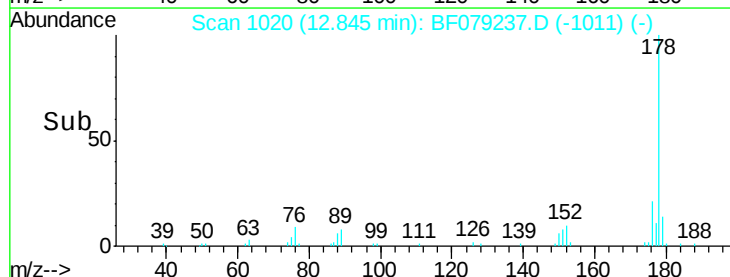
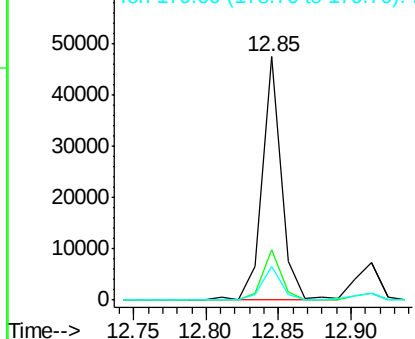


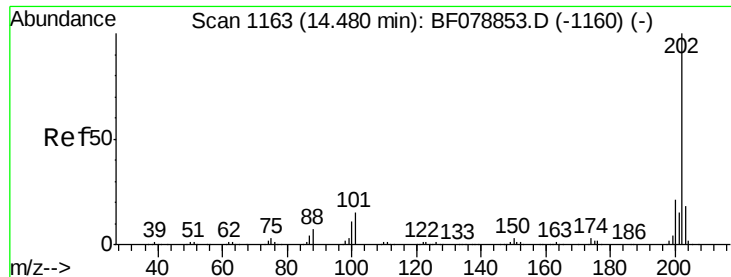
#70
Phenanthrene
Concen: 3.03 ng
RT: 12.85 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Tgt Ion:178 Resp: 43608
Ion Ratio Lower Upper
178 100
176 20.6 15.8 23.8
179 14.1 12.5 18.7



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

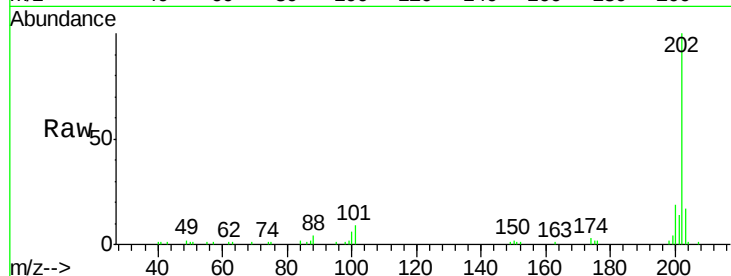




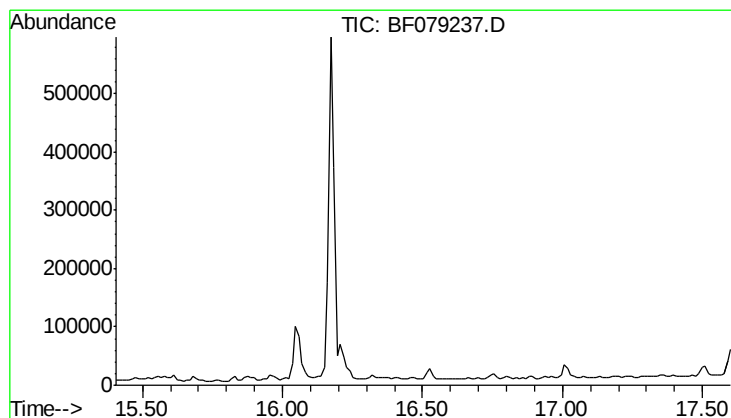
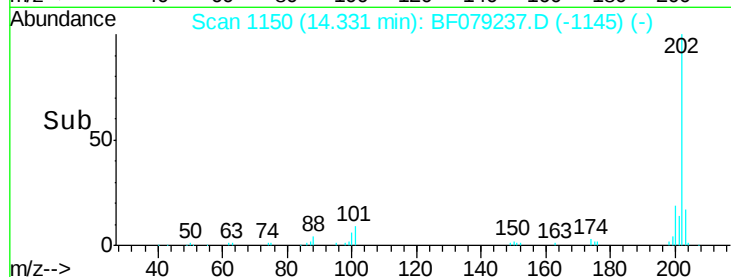
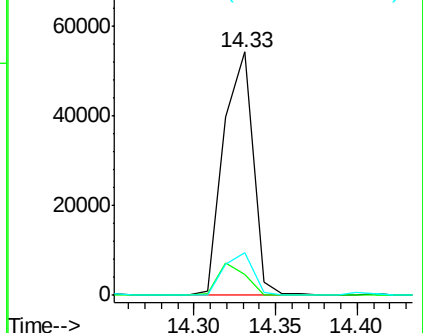
#74
 Fluoranthene
 Concen: 4.51 ng
 RT: 14.33 min Scan# 1150
 Delta R.T. -0.05 min
 Lab File: BF079237.D
 Acq: 14 May 2015 17:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-39S

Tgt Ion: 202 Resp: 67691
 Ion Ratio Lower Upper
 202 100
 101 8.8 0.0 34.6
 203 17.3 0.0 38.4

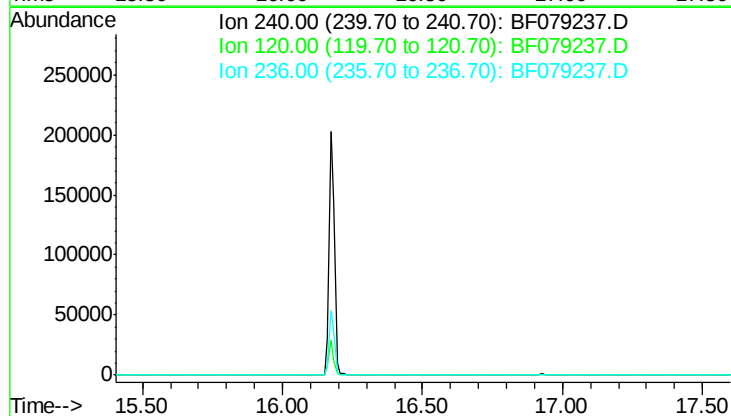


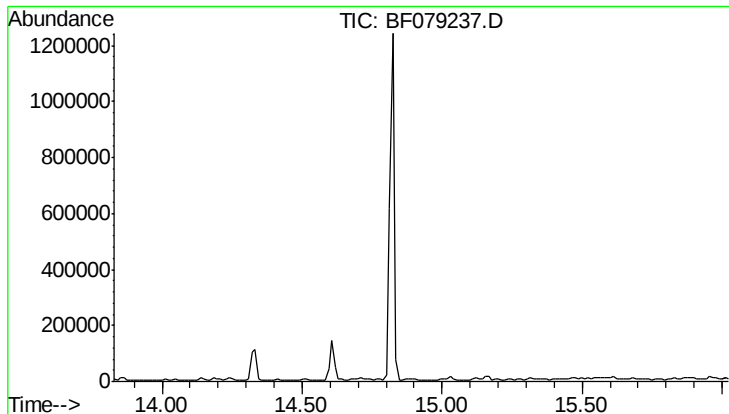
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 16.50 min
 Lab File: BF079237.D
 Acq: 14 May 2015 17:13

Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 12.1
 236 25.3



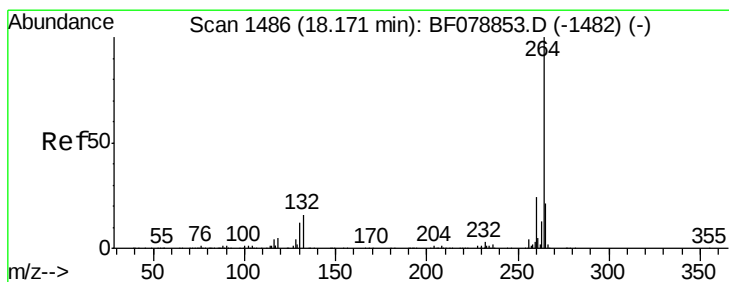
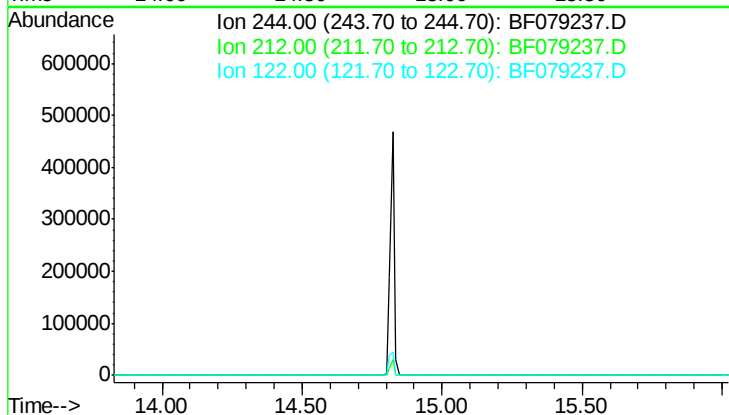


#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 14.93 min
 Lab File: BF079237.D
 Acq: 14 May 2015 17:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-39S

Tgt Ion: 244

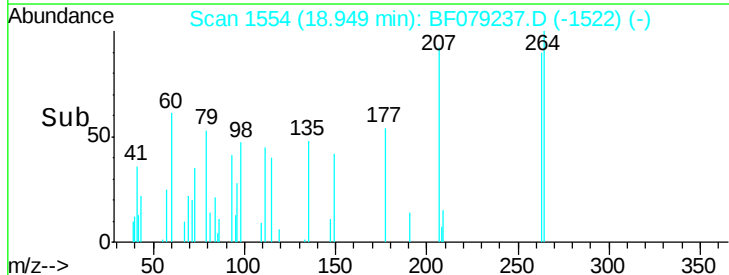
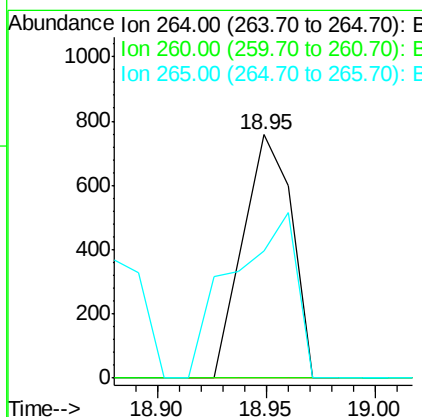
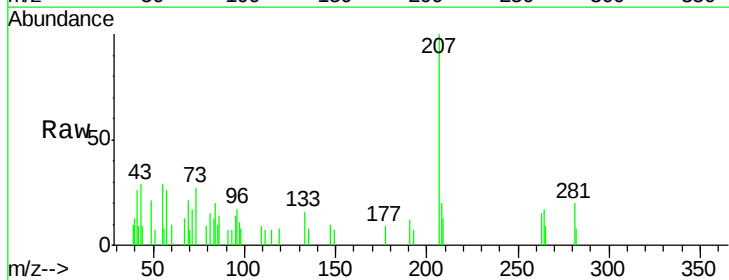
Sig	Exp Ratio
244	100
212	7.0
122	12.9

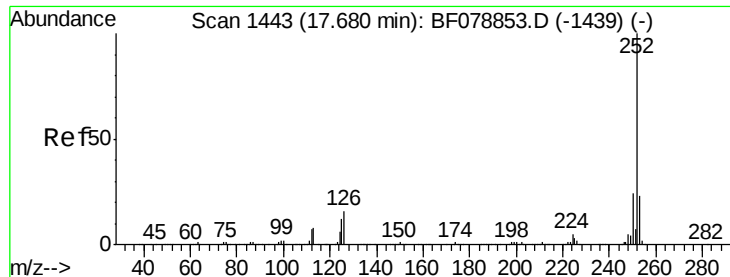


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.95 min Scan# 1554
 Delta R.T. 0.07 min
 Lab File: BF079237.D
 Acq: 14 May 2015 17:13

Tgt Ion: 264 Resp: 1181

Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.4	29.2#
265	52.4	18.3	27.5#

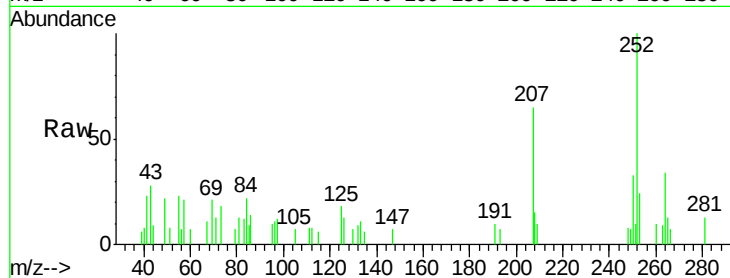




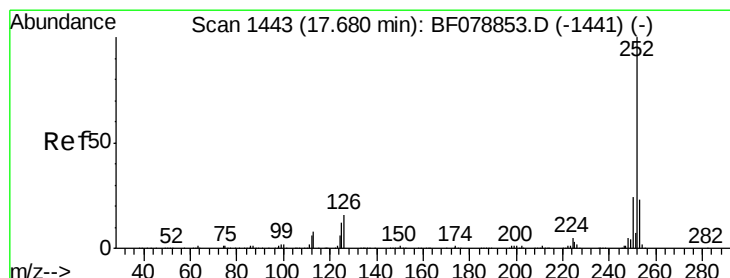
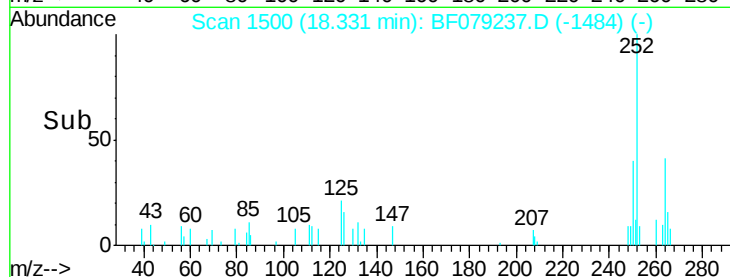
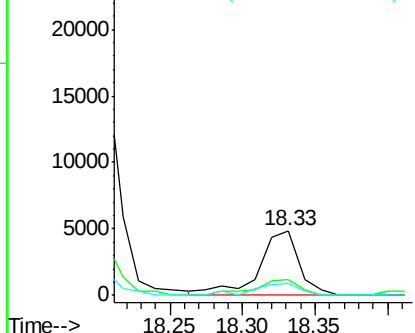
#87
Benzo(b)fluoranthene
Concen: 146.58 ng
RT: 18.33 min Scan# 1500
Delta R.T. 0.08 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Instrument :
BNA_F
ClientSampleId :
SB-39S

Tgt Ion:252 Resp: 9475
Ion Ratio Lower Upper
252 100
253 24.5 17.7 26.5
125 17.6 9.5 14.3#

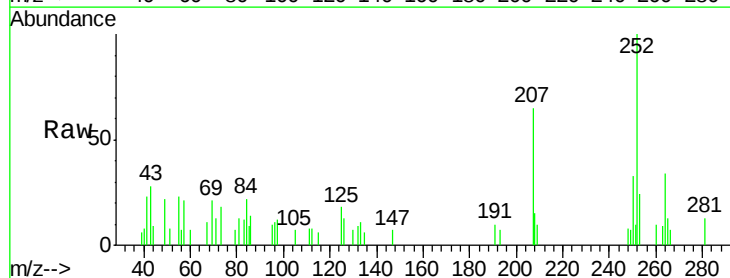


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 133.30 ng
RT: 18.33 min Scan# 1500
Delta R.T. 0.03 min
Lab File: BF079237.D
Acq: 14 May 2015 17:13

Tgt Ion:252 Resp: 8342
Ion Ratio Lower Upper
252 100
253 24.5 18.1 27.1
125 17.6 10.0 15.0#



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

