

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051415\
 Data File : BF079244.D
 Acq On : 14 May 2015 21:01
 Operator : TP/IZ
 Sample : G2246-01 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06

Quant Time: May 15 01:14:22 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

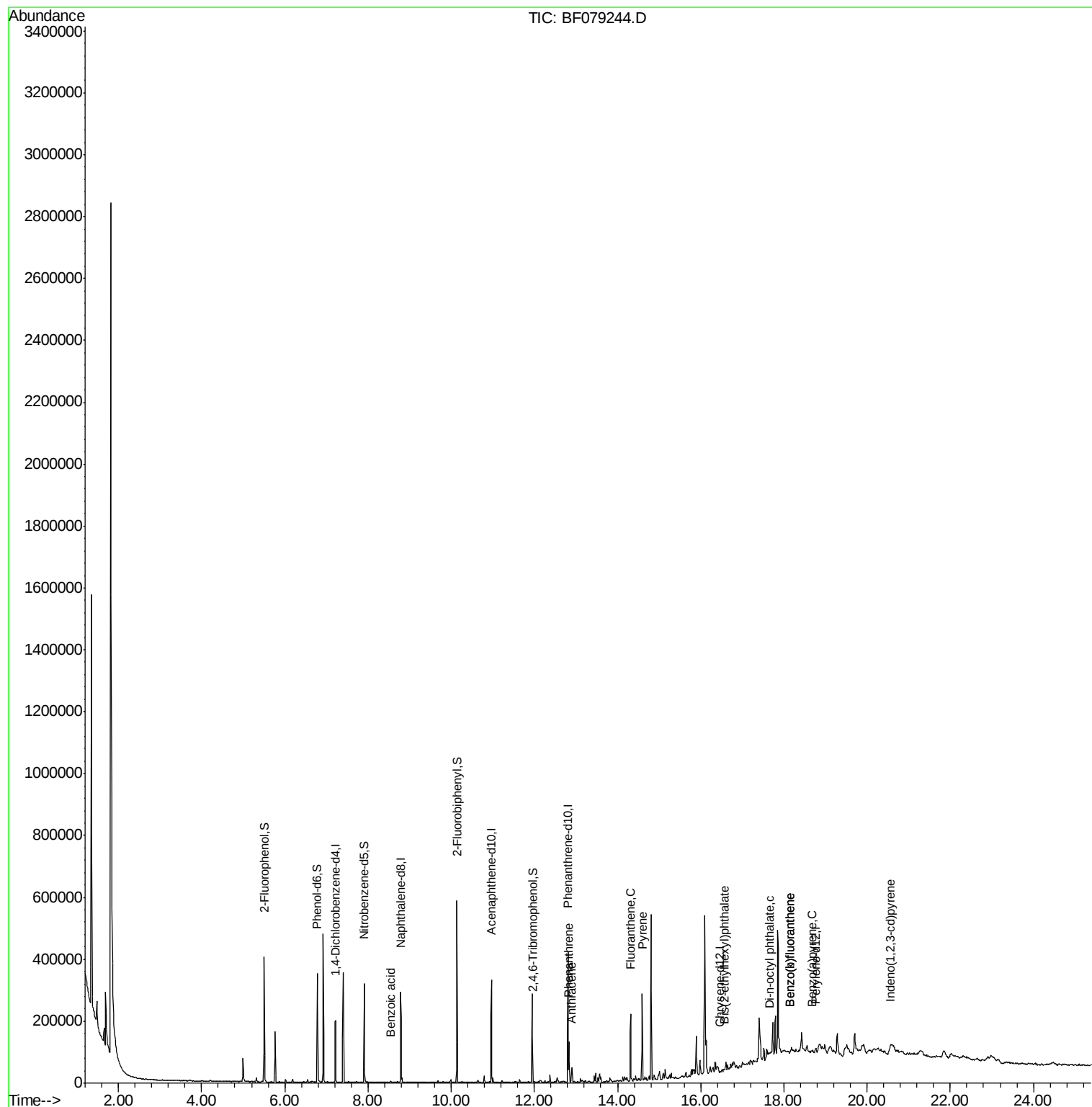
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	46000	20.00	ng	0.00
21) Naphthalene-d8	8.79	136	179900	20.00	ng	-0.01
38) Acenaphthene-d10	10.97	164	85837	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	170094	20.00	ng	-0.01
75) Chrysene-d12	16.47	240	571	20.00	ng	-0.03
86) Perylene-d12	18.77	264	207	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	122280	45.76	ng	0.00
7) Phenol-d6	6.78	99	165822	46.94	ng	-0.01
23) Nitrobenzene-d5	7.91	82	94206	30.10	ng	-0.01
41) 2,4,6-Tribromophenol	11.95	330	42812	46.10	ng	0.00
44) 2-Fluorobiphenyl	10.14	172	180320	29.27	ng	-0.01
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
32) Benzoic acid	8.55	122	854	6.77	ng	Qvalue # 19
70) Phenanthrene	12.83	178	62265	6.54	ng	97
71) Anthracene	12.90	178	19696	2.11	ng	97
74) Fluoranthene	14.32	202	121337	12.24	ng	92
77) Pyrene	14.59	202	107062	3253.80	ng	98
83) Bis(2-ethylhexyl)phthalate	16.58	149	448	20.56	ng	# 52
84) Di-n-octyl phthalate	17.67	149	305	7.95	ng	# 100
85) Indeno(1,2,3-cd)pyrene	20.56	276	236	6.16	ng	# 100
87) Benzo(b)fluoranthene	18.15	252	1748	154.28	ng	# 1
88) Benzo(k)fluoranthene	18.15	252	133	12.13	ng	# 1
89) Benzo(a)pyrene	18.67	252	471	45.15	ng	# 1

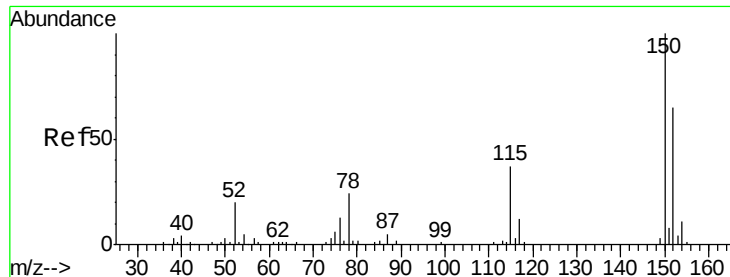
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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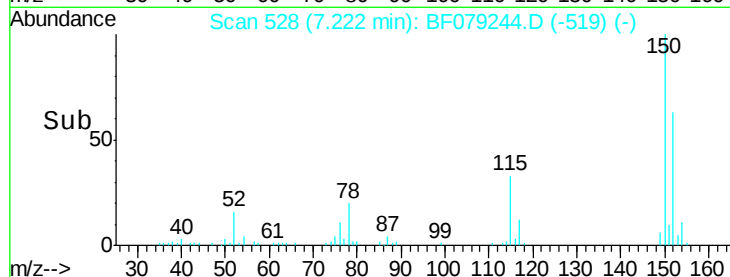
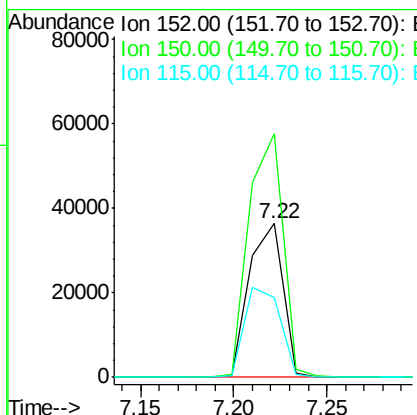
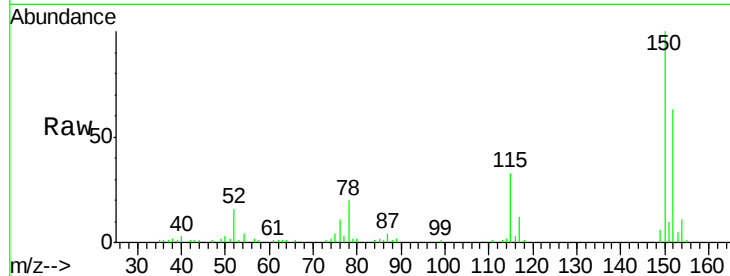




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.22 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF079244.D
 Acq: 14 May 2015 21:01

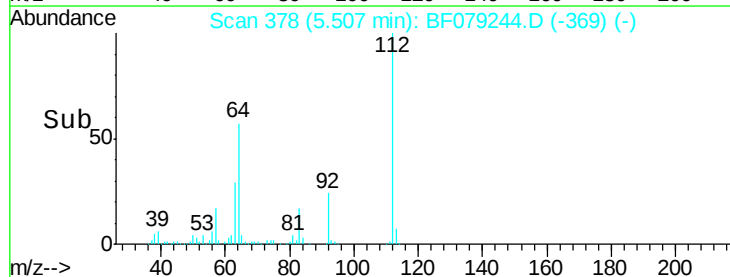
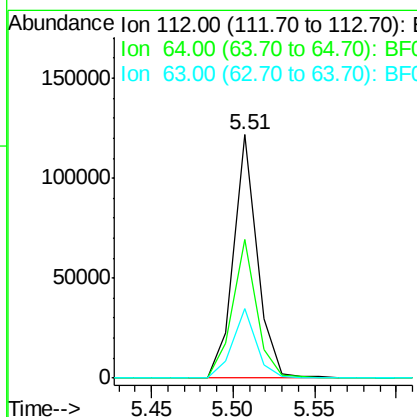
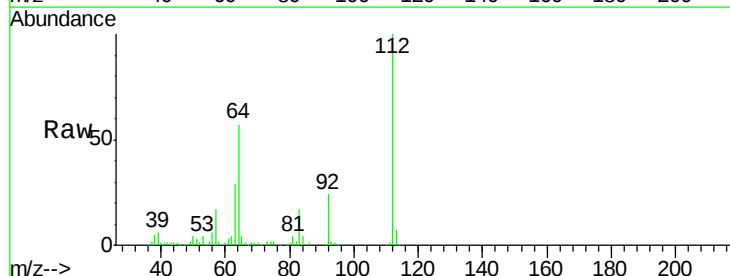
Instrument :
 BNA_F
 ClientSampleId :
 SB-06

Tgt Ion:	152	Resp:	46000
Ion	Ratio	Lower	Upper
152	100		
150	158.3	122.0	183.0
115	52.0	46.3	69.5



#5
 2-Fluorophenol
 Concen: 45.76 ng
 RT: 5.51 min Scan# 378
 Delta R.T. -0.00 min
 Lab File: BF079244.D
 Acq: 14 May 2015 21:01

Tgt Ion:	112	Resp:	122280
Ion	Ratio	Lower	Upper
112	100		
64	57.0	53.5	80.3
63	28.7	27.5	41.3





#7

Phenol-d6

Concen: 46.94 ng

RT: 6.78 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF079244.D

Acq: 14 May 2015 21:01

Instrument :

BNA_F

ClientSampleId :

SB-06

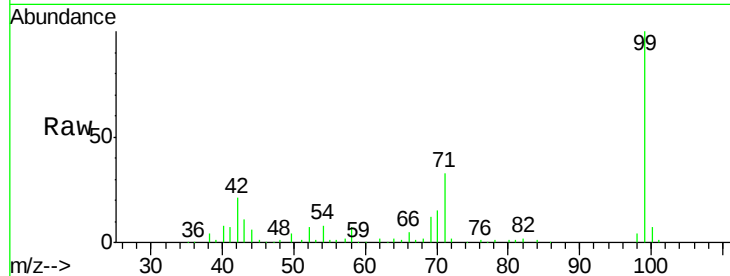
Tgt Ion: 99 Resp: 165822

Ion Ratio Lower Upper

99 100

42 21.0 12.8 19.2#

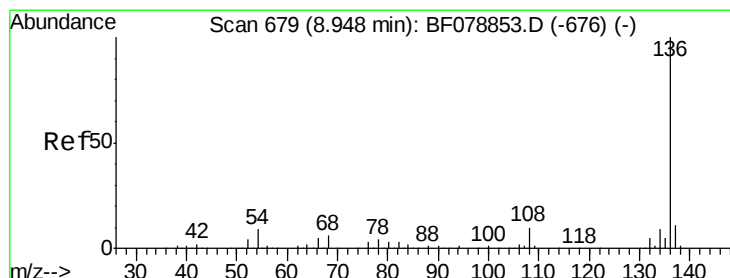
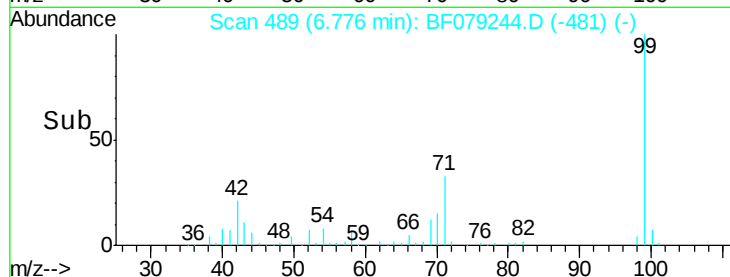
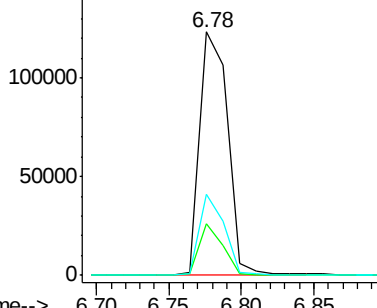
71 33.3 23.4 35.2



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: 8.79 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF079244.D

Acq: 14 May 2015 21:01

Tgt Ion: 136 Resp: 179900

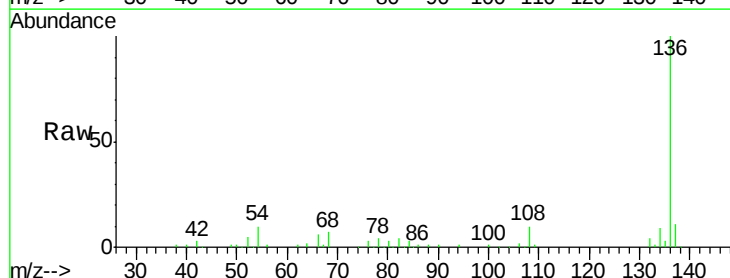
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.6 5.8 8.8#

68 7.2 4.2 6.4#

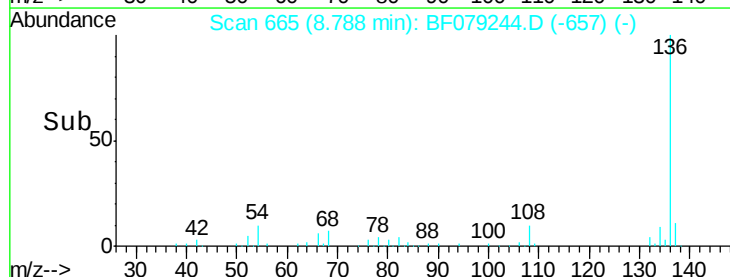
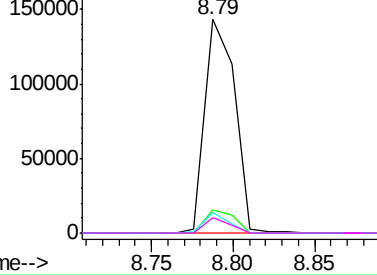


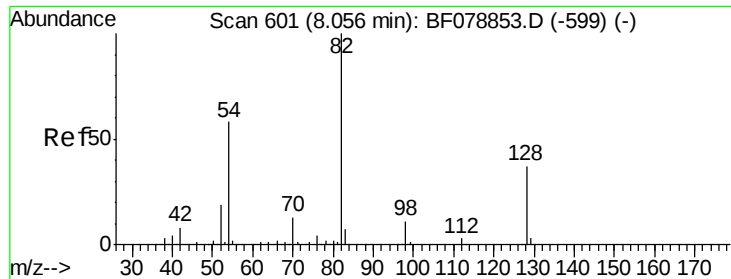
Abundance Ion 136.00 (135.70 to 136.70): E

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

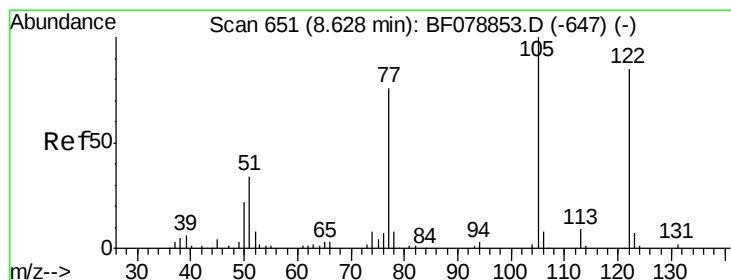
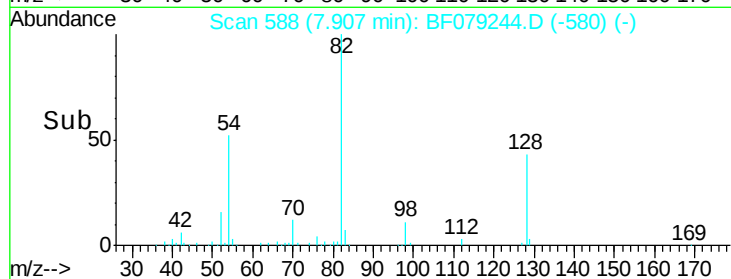
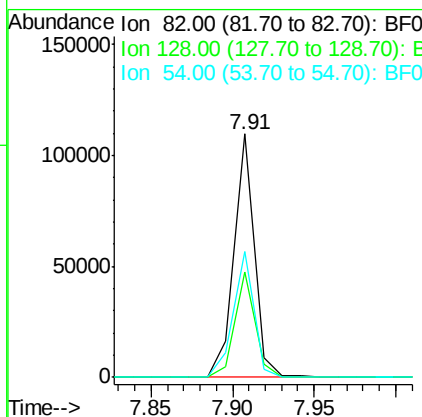
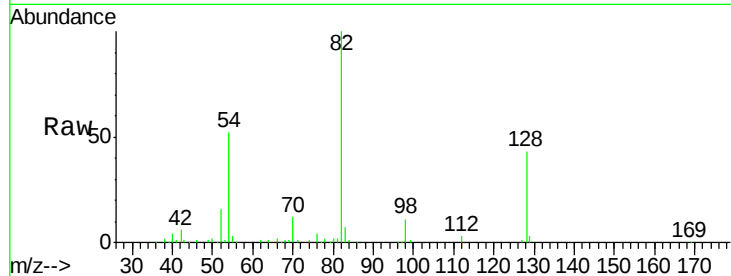




#23
 Nitrobenzene-d5
 Concen: 30.10 ng
 RT: 7.91 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF079244.D
 Acq: 14 May 2015 21:01

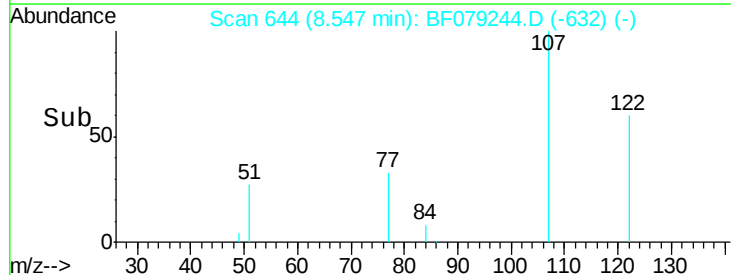
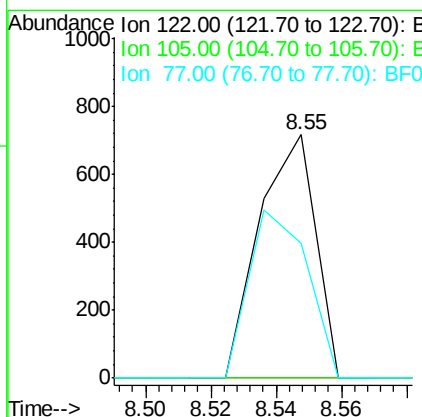
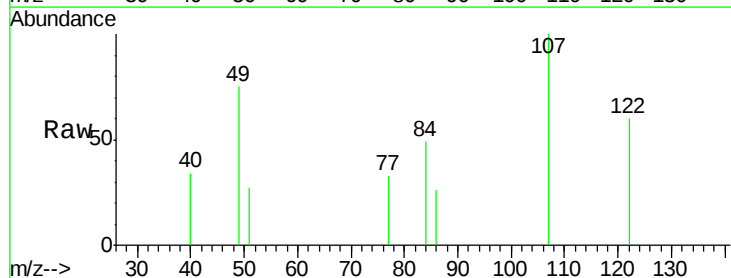
Instrument :
 BNA_F
 ClientSampled :
 SB-06

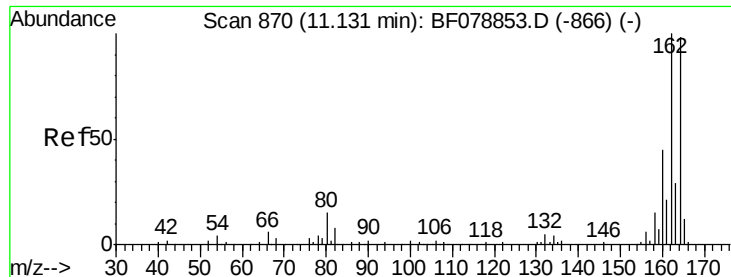
Tgt Ion: 82 Resp: 94206
 Ion Ratio Lower Upper
 82 100
 128 43.3 30.0 45.0
 54 51.9 46.4 69.6



#32
 Benzoic acid
 Concen: 6.77 ng
 RT: 8.55 min Scan# 644
 Delta R.T. 0.03 min
 Lab File: BF079244.D
 Acq: 14 May 2015 21:01

Tgt Ion: 122 Resp: 854
 Ion Ratio Lower Upper
 122 100
 105 0.0 107.1 147.1#
 77 55.1 73.9 113.9#

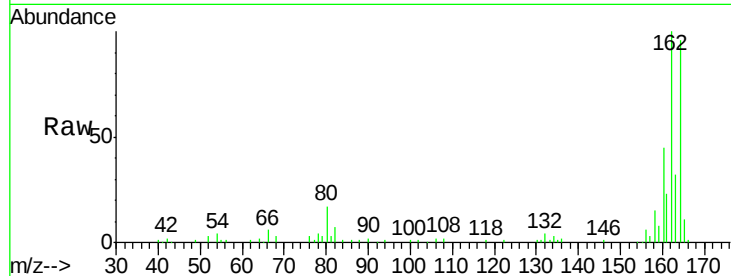




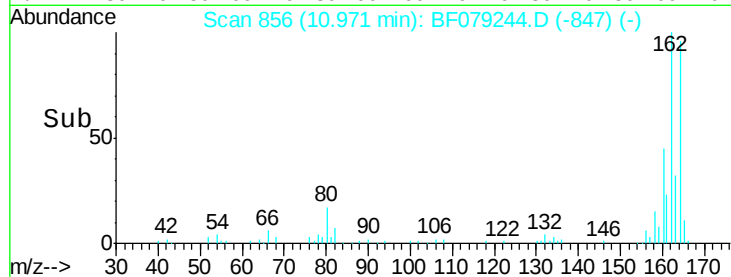
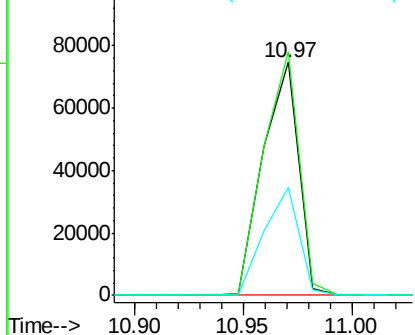
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF079244.D
Acq: 14 May 2015 21:01

Instrument :
BNA_F
ClientSampled :
SB-06

Tgt Ion:164 Resp: 85837
Ion Ratio Lower Upper
164 100
162 104.6 82.7 124.1
160 46.5 35.8 53.8

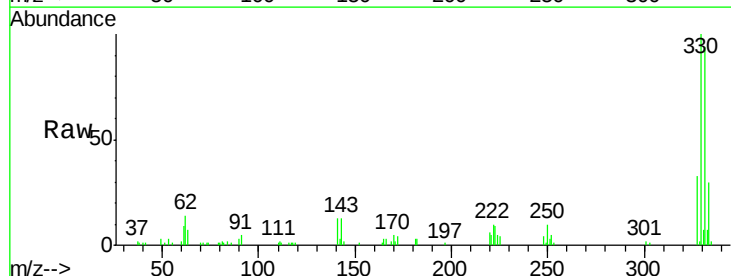


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

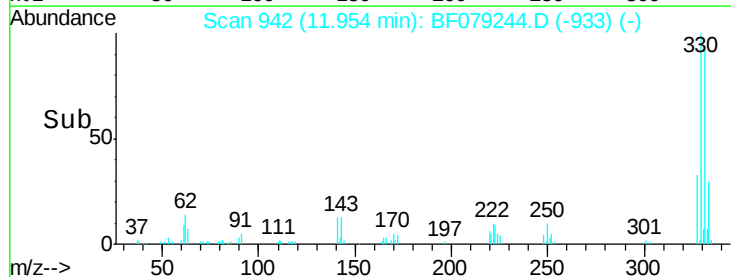
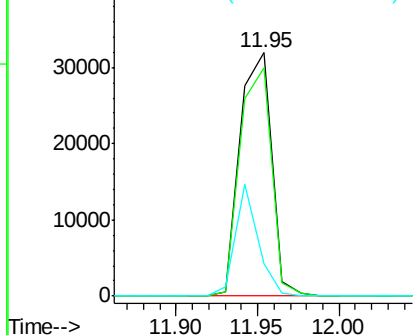


#41
2,4,6-Tribromophenol
Concen: 46.10 ng
RT: 11.95 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF079244.D
Acq: 14 May 2015 21:01

Tgt Ion:330 Resp: 42812
Ion Ratio Lower Upper
330 100
332 93.9 0.0 0.0#
141 32.8 0.0 0.0#



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

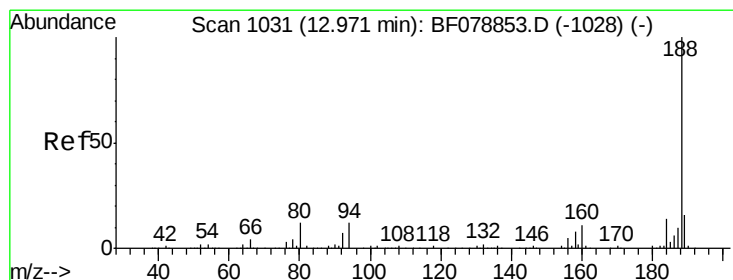
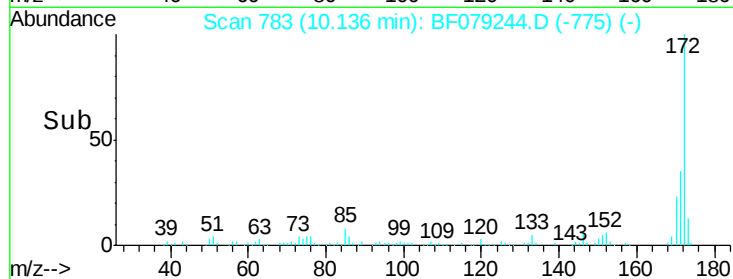
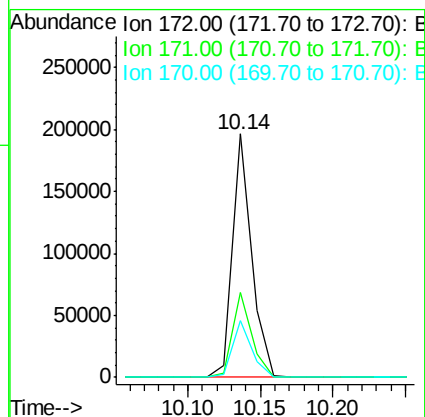
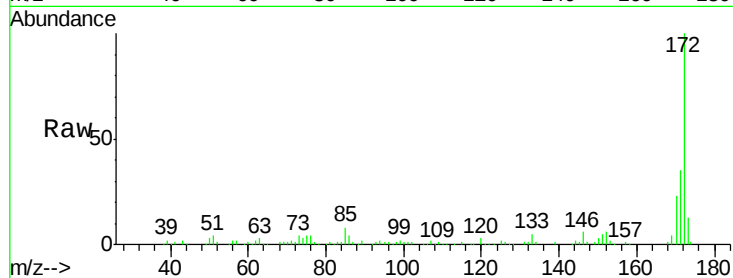




#44
 2-Fluorobiphenyl
 Concen: 29.27 ng
 RT: 10.14 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF079244.D
 Acq: 14 May 2015 21:01

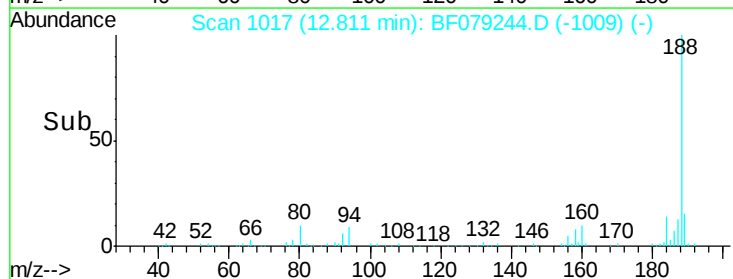
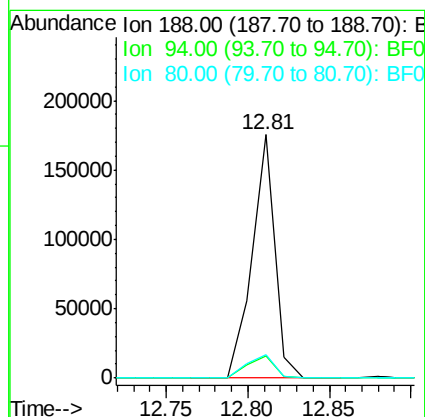
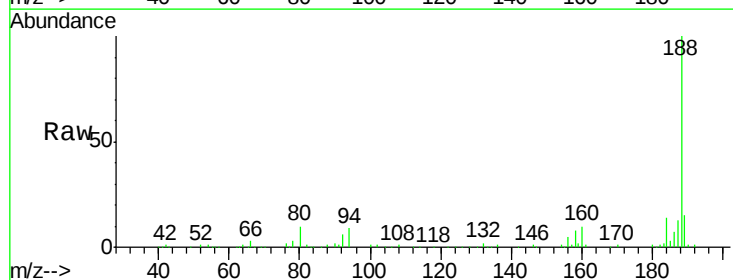
Instrument :
 BNA_F
 ClientSampled :
 SB-06

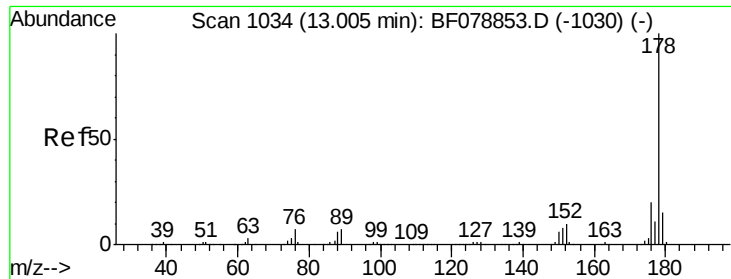
Tgt Ion:172 Resp: 180320
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.9 41.9
 170 23.3 19.4 29.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.81 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF079244.D
 Acq: 14 May 2015 21:01

Tgt Ion:188 Resp: 170094
 Ion Ratio Lower Upper
 188 100
 94 8.9 8.2 12.2
 80 9.5 8.9 13.3

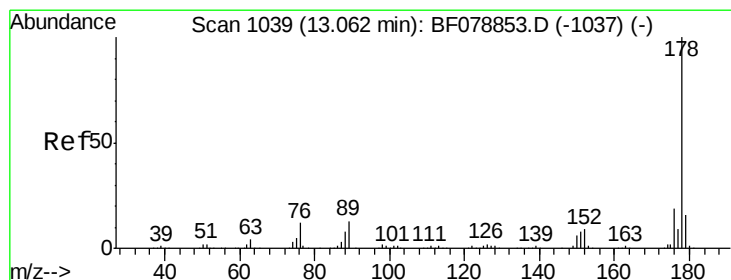
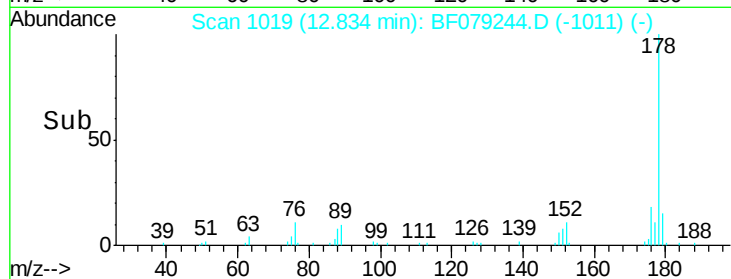
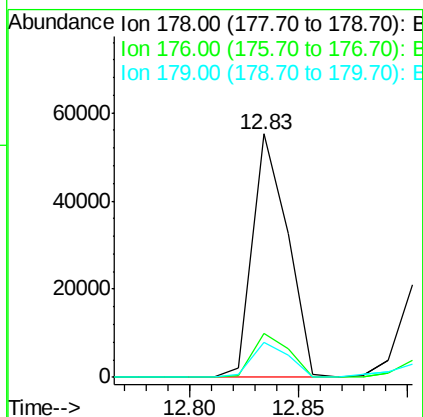
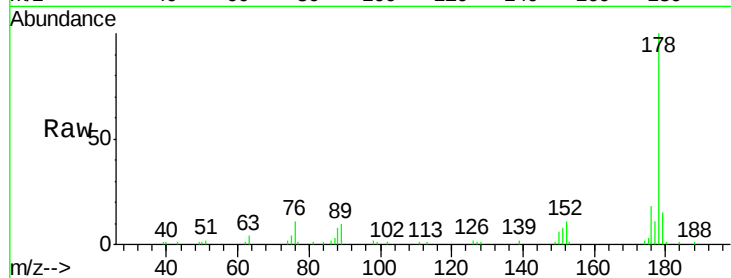




#70
Phenanthrene
Concen: 6.54 ng
RT: 12.83 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF079244.D
Acq: 14 May 2015 21:01

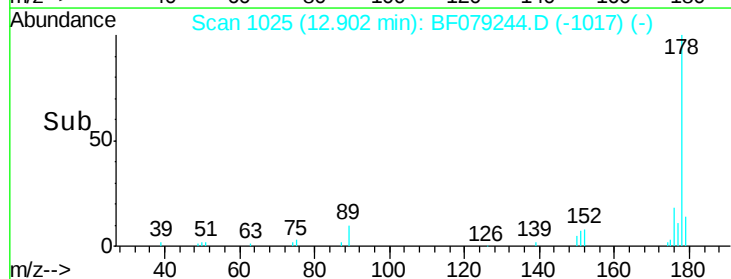
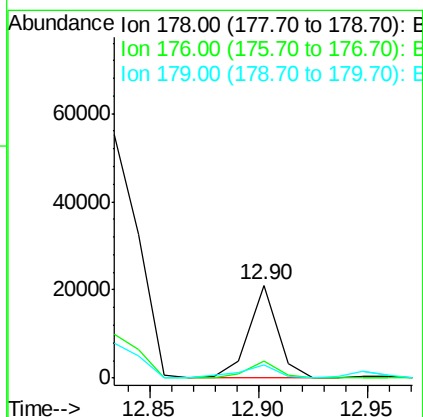
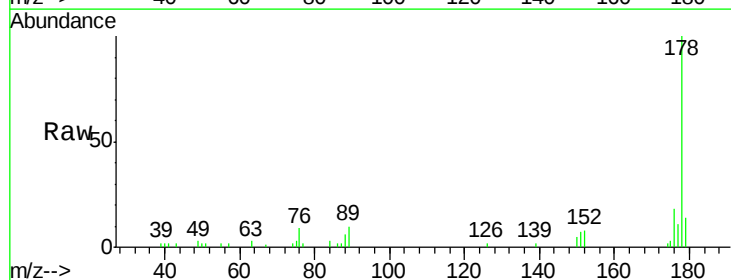
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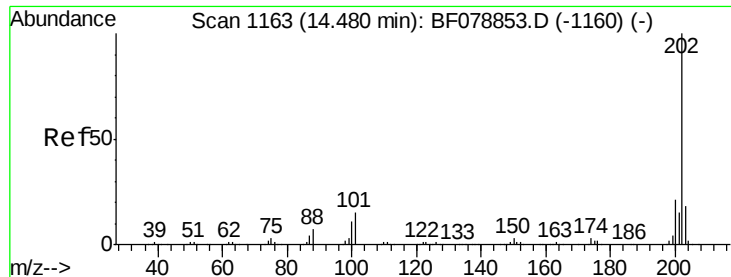
Tgt Ion:178 Resp: 62265
Ion Ratio Lower Upper
178 100
176 18.3 15.8 23.8
179 14.6 12.5 18.7



#71
Anthracene
Concen: 2.11 ng
RT: 12.90 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF079244.D
Acq: 14 May 2015 21:01

Tgt Ion:178 Resp: 19696
Ion Ratio Lower Upper
178 100
176 18.0 15.5 23.3
179 14.4 12.7 19.1

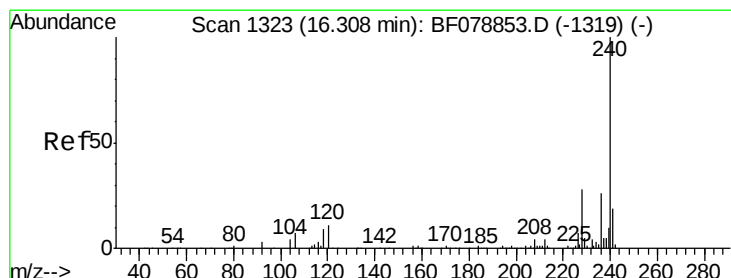
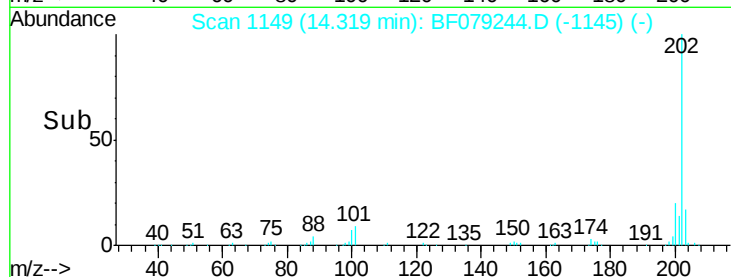
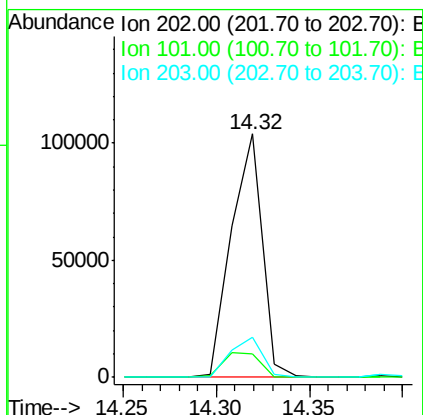
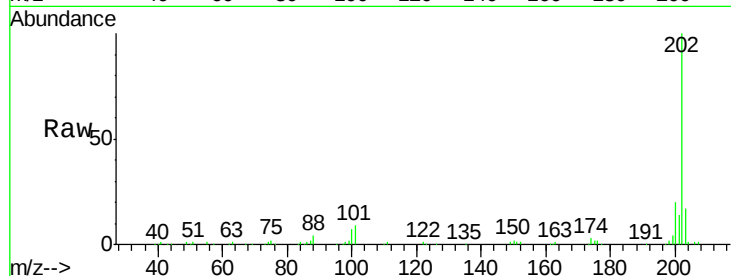




#74
 Fluoranthene
 Concen: 12.24 ng
 RT: 14.32 min Scan# 1149
 Delta R.T. -0.06 min
 Lab File: BF079244.D
 Acq: 14 May 2015 21:01

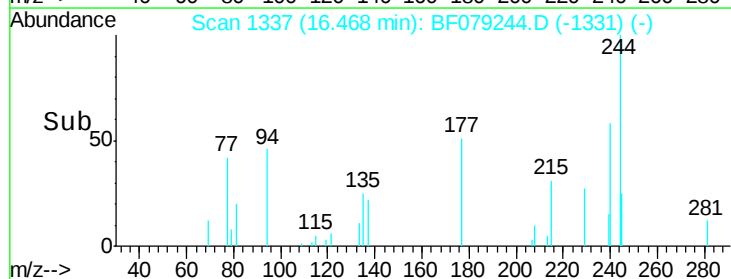
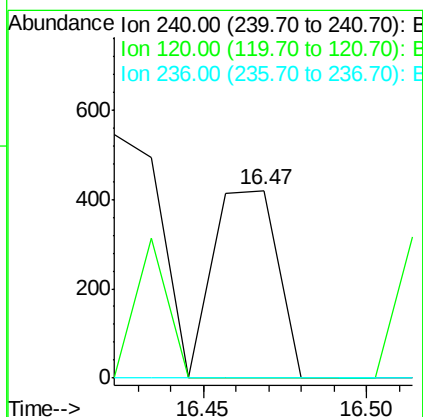
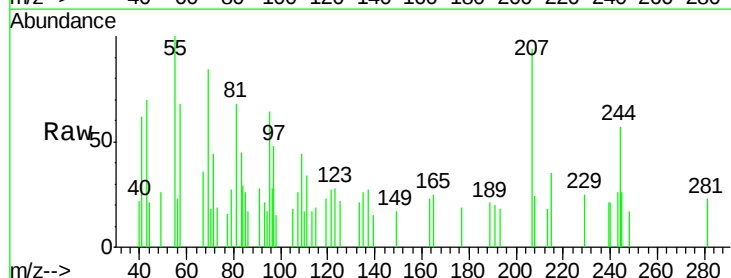
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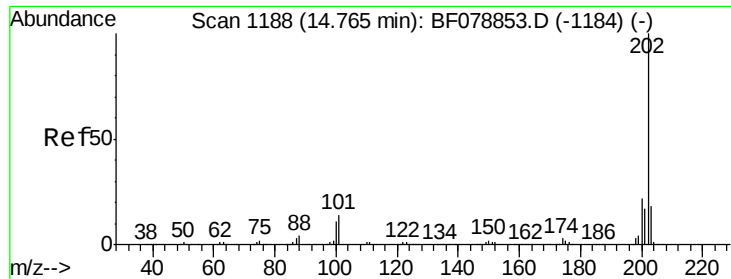
Tgt Ion:	202	Resp:	121337
Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	34.6
203	16.6	0.0	38.4



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.47 min Scan# 1337
 Delta R.T. -0.03 min
 Lab File: BF079244.D
 Acq: 14 May 2015 21:01

Tgt Ion:	240	Resp:	571
Ion	Ratio	Lower	Upper
240	100		
120	0.0	9.7	14.5#
236	0.0	20.2	30.4#

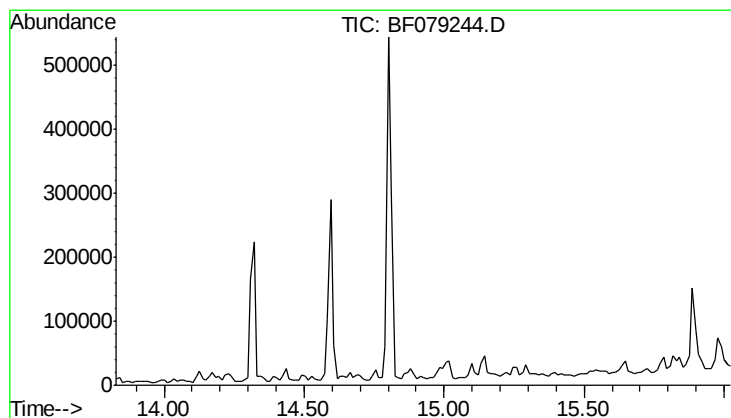
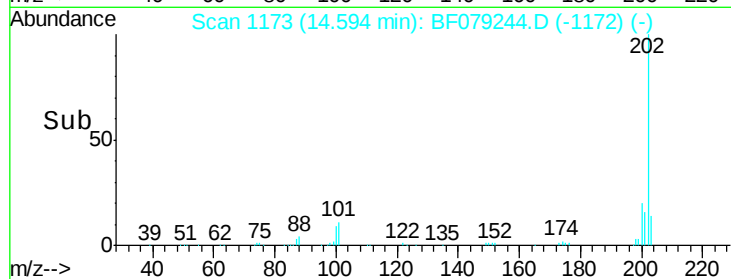
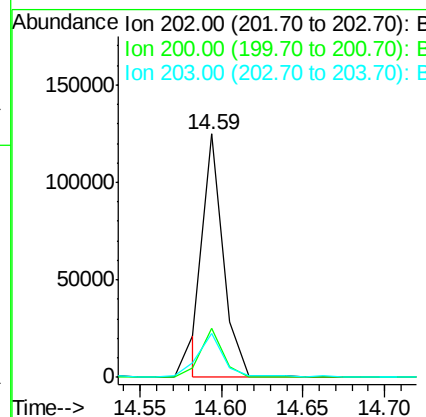
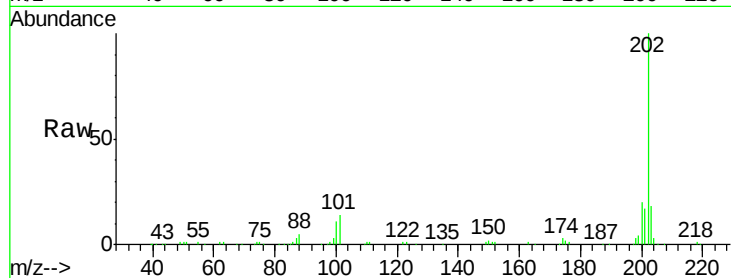




#77
 Pyrene
 Concen: 3253.80 ng
 RT: 14.59 min Scan# 1173
 Delta R.T. -0.09 min
 Lab File: BF079244.D
 Acq: 14 May 2015 21:01

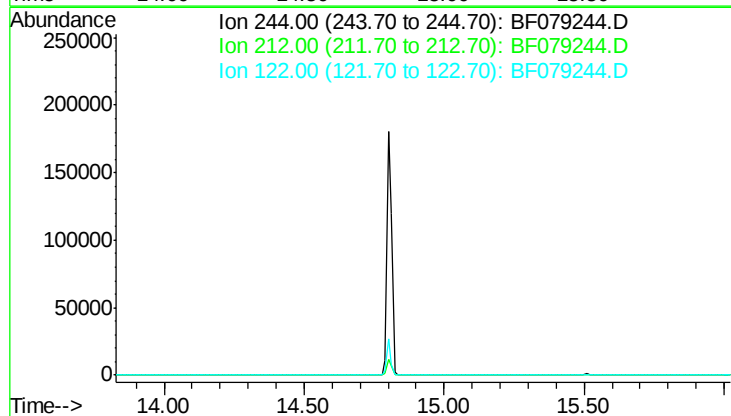
Instrument :
 BNA_F
 ClientSampleId :
 SB-06

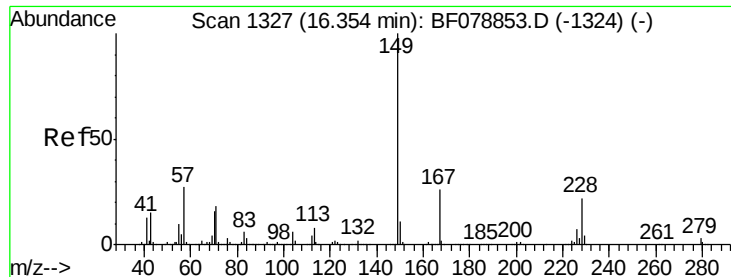
Tgt Ion: 202 Resp: 107062
 Ion Ratio Lower Upper
 202 100
 200 20.3 17.5 26.3
 203 17.9 13.9 20.9



#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 14.93 min
 Lab File: BF079244.D
 Acq: 14 May 2015 21:01

Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 7.0
 122 12.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 20.56 ng

RT: 16.58 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF079244.D

Acq: 14 May 2015 21:01

Instrument :

BNA_F

ClientSampleId :

SB-06

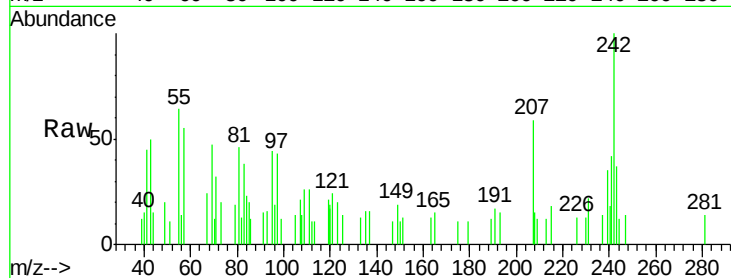
Tgt Ion:149 Resp: 448

Ion Ratio Lower Upper

149 100

167 0.0 21.8 32.8#

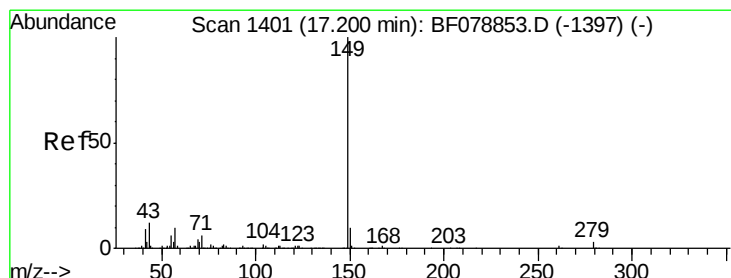
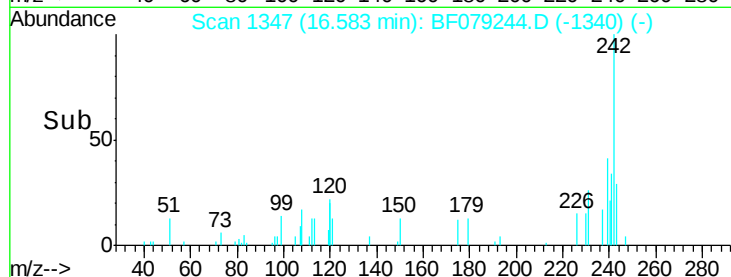
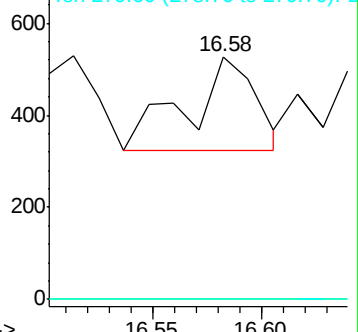
279 0.0 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 7.95 ng

RT: 17.67 min Scan# 1442

Delta R.T. -0.03 min

Lab File: BF079244.D

Acq: 14 May 2015 21:01

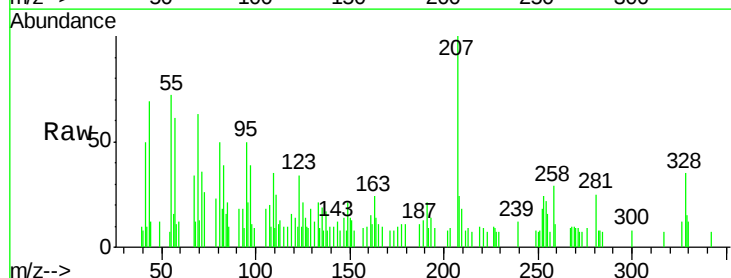
Tgt Ion:149 Resp: 305

Ion Ratio Lower Upper

149 100

167 537.0 0.0 0.0#

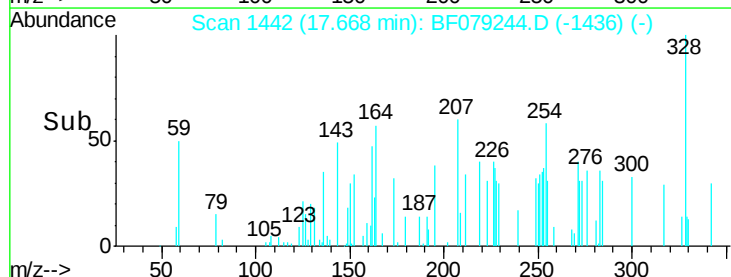
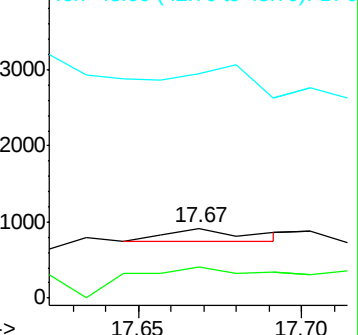
43 0.0 0.0 0.0

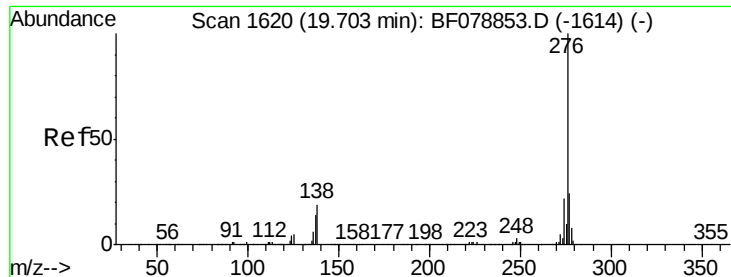


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 6.16 ng

RT: 20.56 min Scan# 1695

Delta R.T. -0.08 min

Lab File: BF079244.D

Acq: 14 May 2015 21:01

Instrument :

BNA_F

ClientSampleId :

SB-06

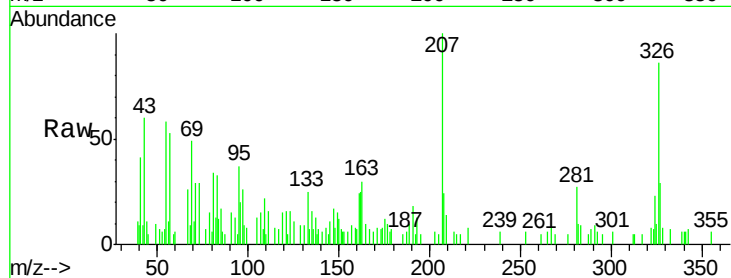
Tgt Ion: 276 Resp: 236

Ion Ratio Lower Upper

276 100

138 859.7 0.0 0.0#

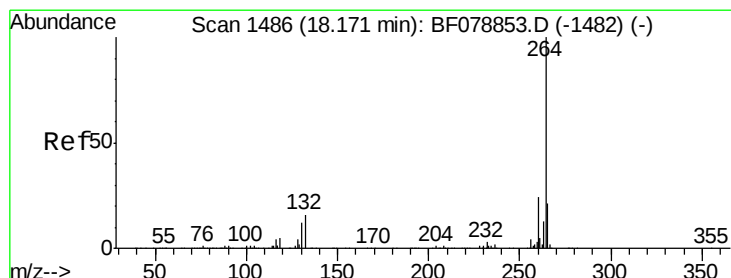
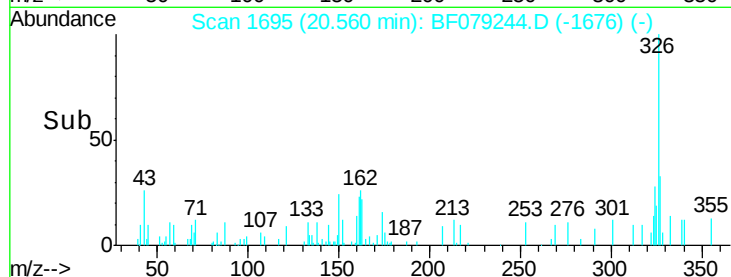
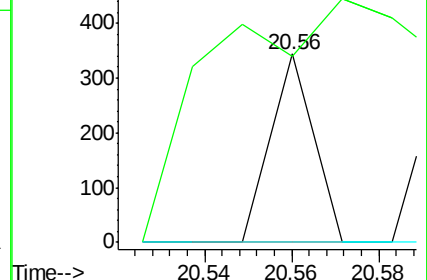
277 0.0 0.0 0.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.77 min Scan# 1538

Delta R.T. -0.11 min

Lab File: BF079244.D

Acq: 14 May 2015 21:01

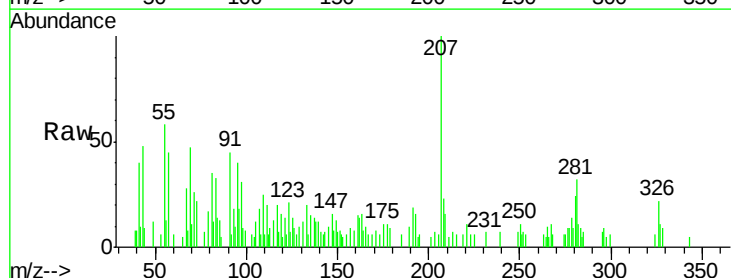
Tgt Ion: 264 Resp: 207

Ion Ratio Lower Upper

264 100

260 0.0 19.4 29.2#

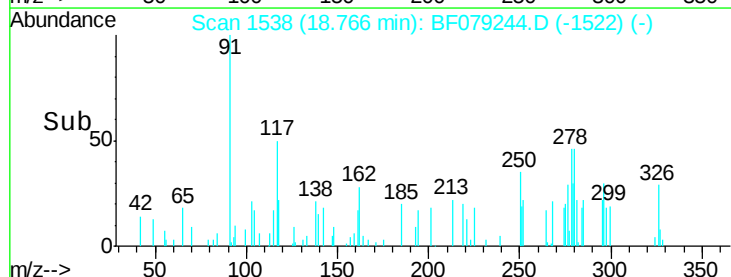
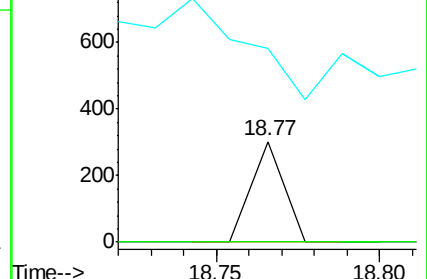
265 192.4 18.3 27.5#

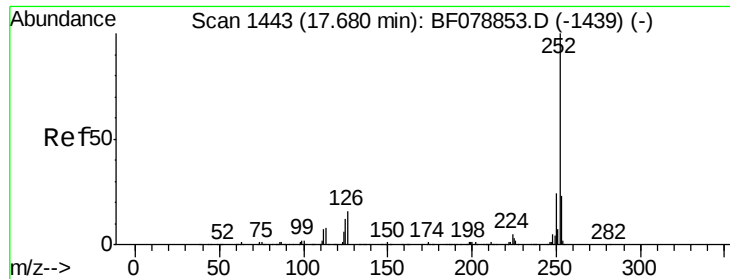


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

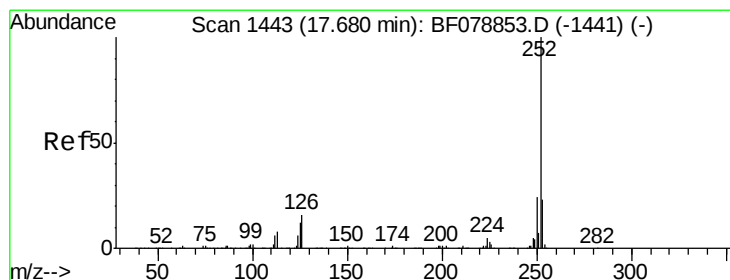
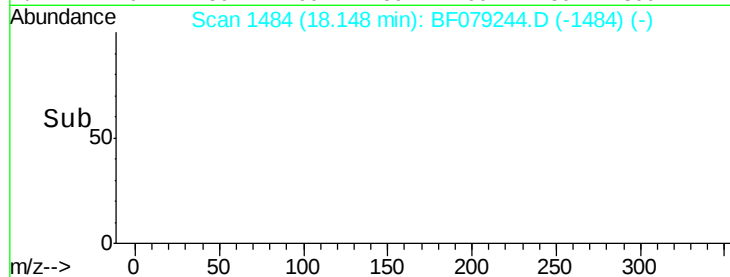
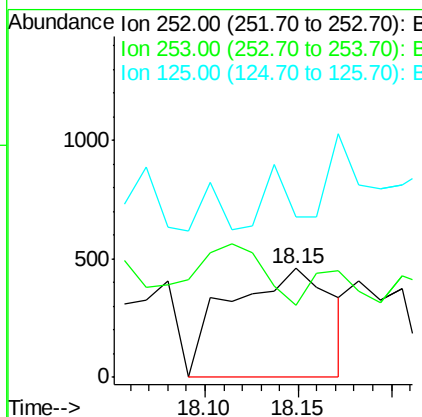
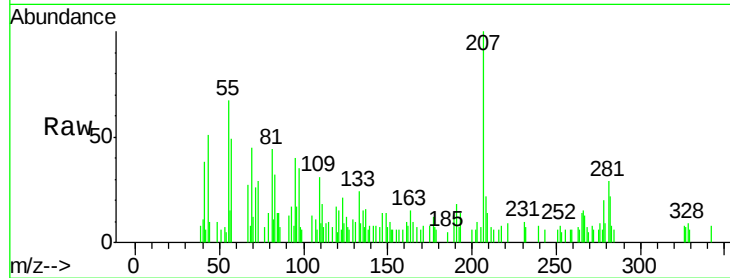




#87
Benzo(b)fluoranthene
Concen: 154.28 ng
RT: 18.15 min Scan# 1484
Delta R.T. -0.10 min
Lab File: BF079244.D
Acq: 14 May 2015 21:01

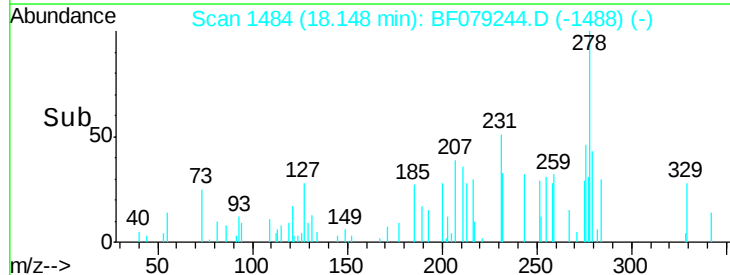
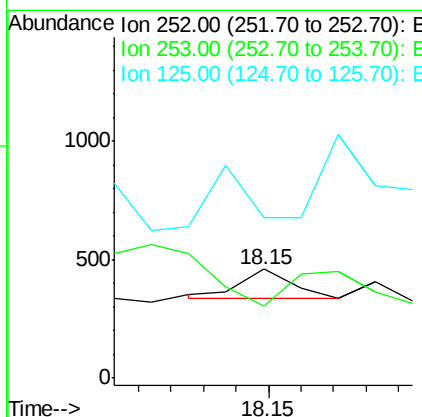
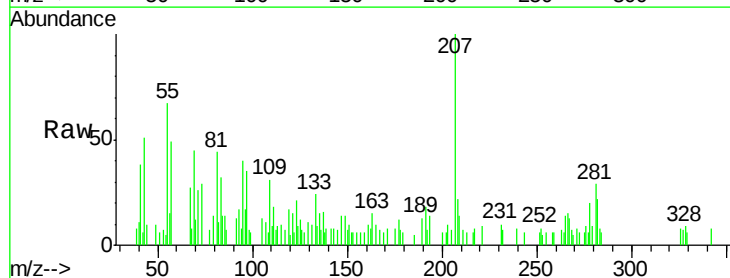
Instrument :
BNA_F
ClientSampled :
SB-06

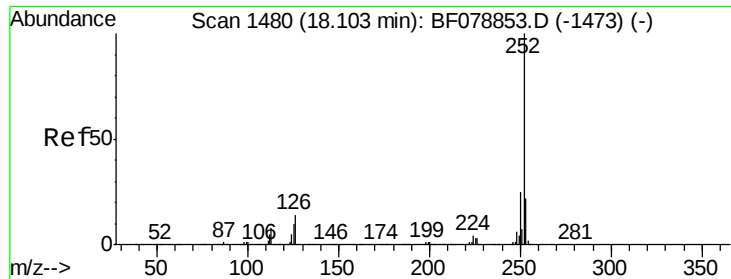
Tgt Ion:252 Resp: 1748
Ion Ratio Lower Upper
252 100
253 65.9 17.7 26.5#
125 147.4 9.5 14.3#



#88
Benzo(k)fluoranthene
Concen: 12.13 ng
RT: 18.15 min Scan# 1484
Delta R.T. -0.15 min
Lab File: BF079244.D
Acq: 14 May 2015 21:01

Tgt Ion:252 Resp: 133
Ion Ratio Lower Upper
252 100
253 65.9 18.1 27.1#
125 147.4 10.0 15.0#





#89

Benzo(a)pyrene

Concen: 45.15 ng

RT: 18.67 min Scan# 1530

Delta R.T. -0.11 min

Lab File: BF079244.D

Acq: 14 May 2015 21:01

Instrument :

BNA_F

ClientSampleId :

SB-06

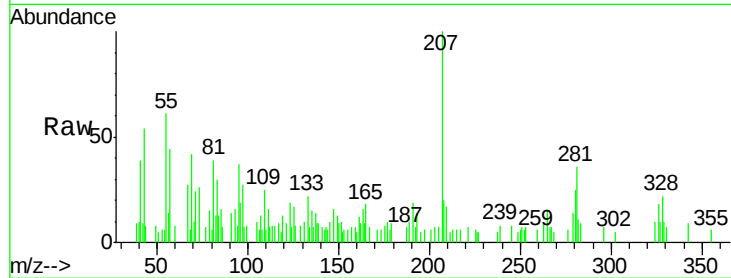
Tgt Ion:252 Resp: 471

Ion Ratio Lower Upper

252 100

253 115.4 17.3 25.9#

125 280.8 7.0 10.6#



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

