

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
 Data File : BF078688.D
 Acq On : 21 Apr 2015 17:30
 Operator : TP/IZ
 Sample : G1943-03RE 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-3RE

Quant Time: Apr 22 02:25:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 00:52:13 2015
 Response via : Initial Calibration

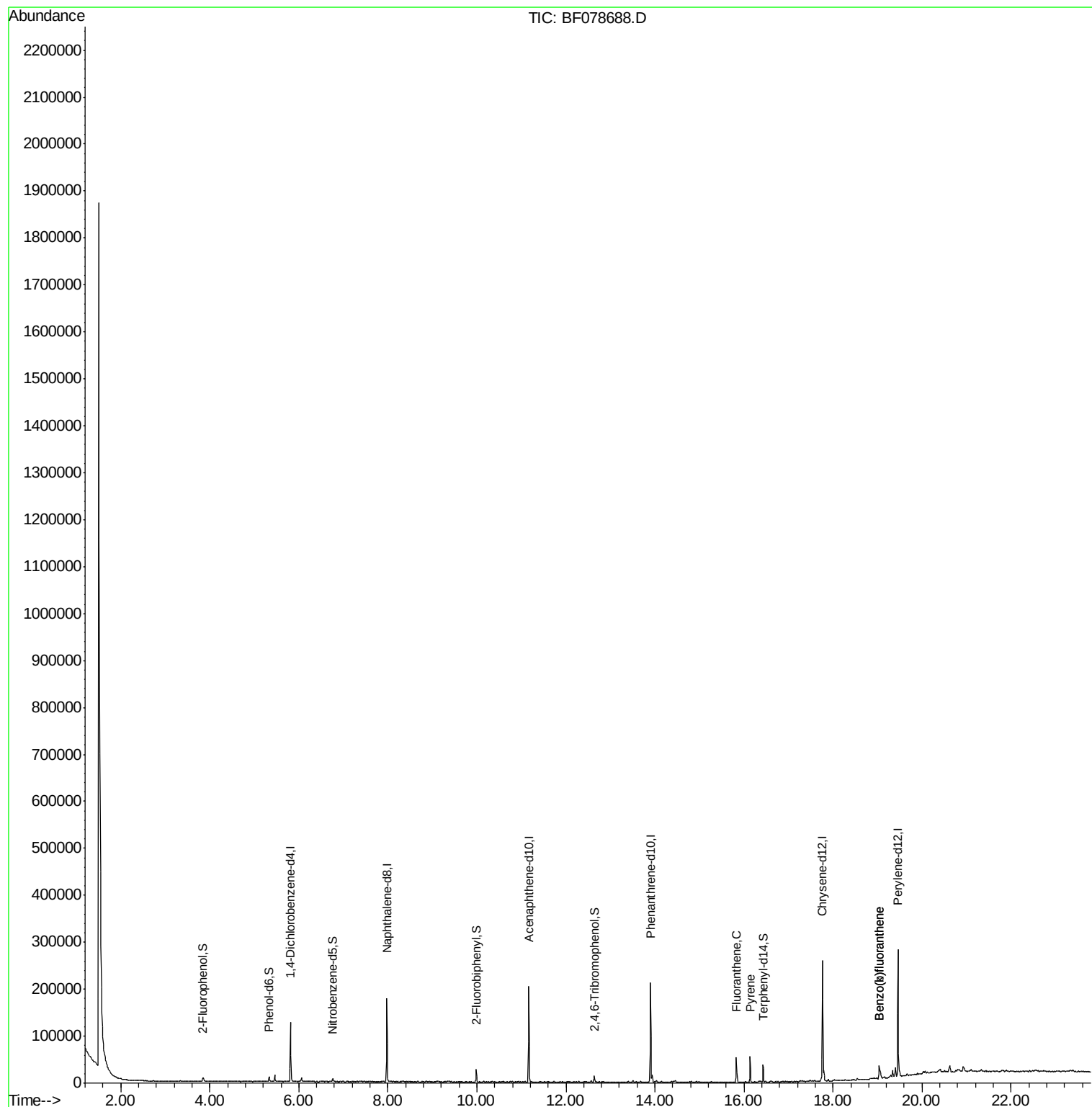
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	25908	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	112322	20.00	ng	-0.01
38) Acenaphthene-d10	11.16	164	57075	20.00	ng	-0.01
63) Phenanthrene-d10	13.90	188	111140	20.00	ng	-0.01
75) Chrysene-d12	17.76	240	119028	20.00	ng	-0.02
86) Perylene-d12	19.46	264	119428	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	3.85	112	5228	3.33	ng	0.02
7) Phenol-d6	5.34	99	8080	4.10	ng	0.01
23) Nitrobenzene-d5	6.76	82	4538	2.45	ng	0.00
41) 2,4,6-Tribromophenol	12.64	330	2950	6.23	ng	-0.01
44) 2-Fluorobiphenyl	9.99	172	14115	3.54	ng	-0.01
78) Terphenyl-d14	16.42	244	21688	4.12	ng	-0.01
Target Compounds						
74) Fluoranthene	15.83	202	27571	4.07	ng	Qvalue 97
77) Pyrene	16.14	202	26389	3.53	ng	# 93
87) Benzo(b)fluoranthene	19.04	252	22432	3.04	ng	# 96
88) Benzo(k)fluoranthene	19.04	252	22432	3.42	ng	98

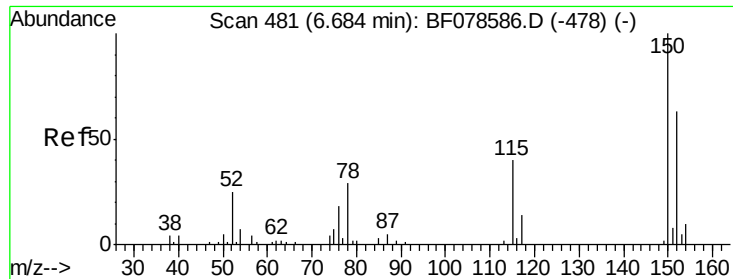
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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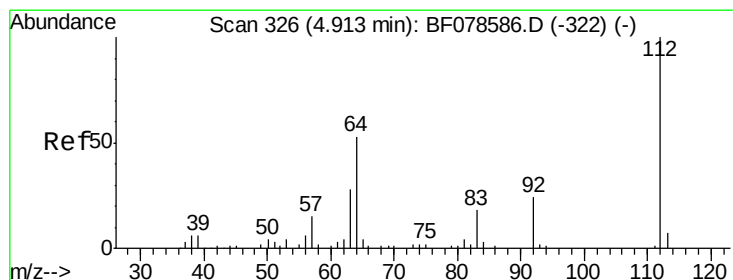
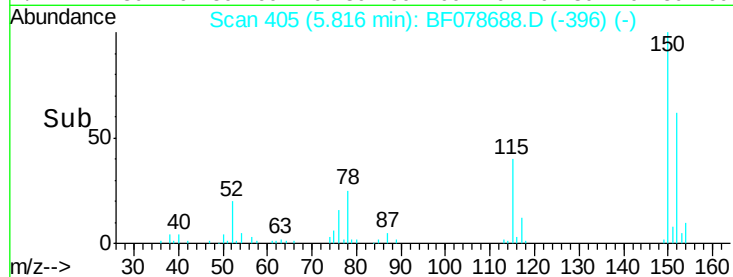
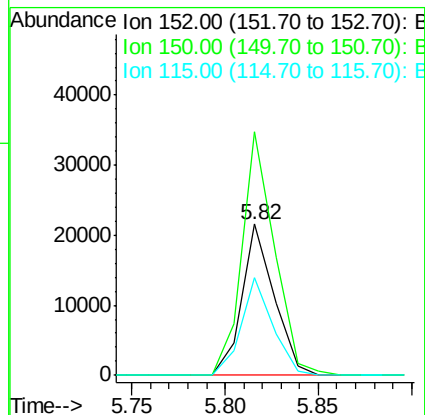
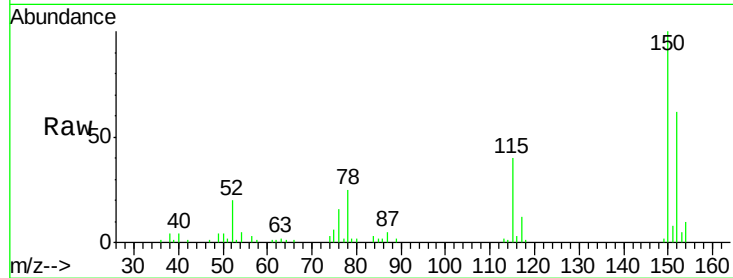


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF078688.D
Acq: 21 Apr 2015 17:30

Instrument :
BNA_F
ClientSampleId :
SP-A-3RE

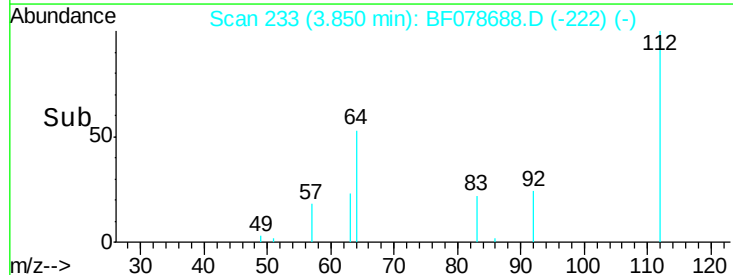
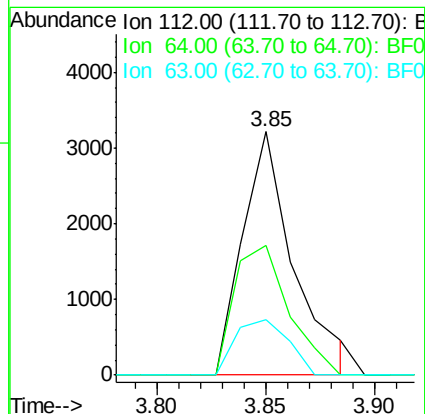
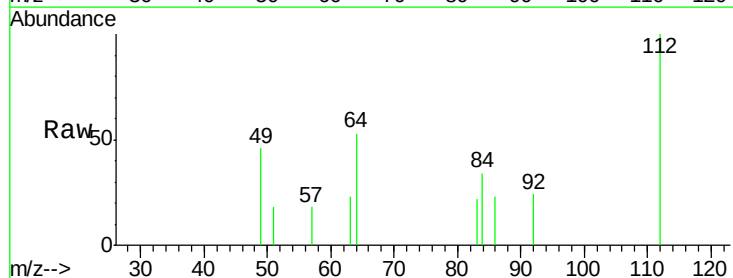
Tgt Ion:152 Resp: 25908
Ion Ratio Lower Upper
152 100
150 161.2 125.9 188.9
115 64.7 52.7 79.1

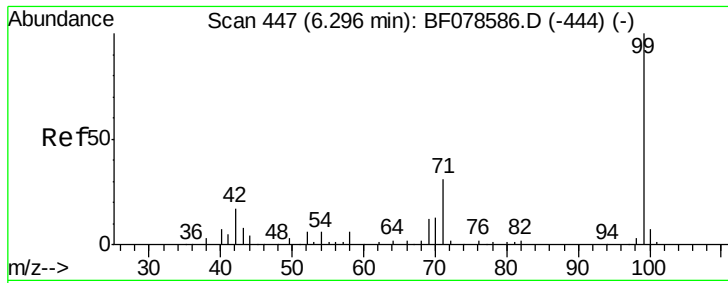


#5

2-Fluorophenol
Concen: 3.33 ng
RT: 3.85 min Scan# 233
Delta R.T. 0.02 min
Lab File: BF078688.D
Acq: 21 Apr 2015 17:30

Tgt Ion:112 Resp: 5228
Ion Ratio Lower Upper
112 100
64 53.3 39.9 59.9
63 22.7 20.2 30.4





#7

Phenol-d6

Concen: 4.10 ng

RT: 5.34 min Scan# 363

Delta R.T. 0.01 min

Lab File: BF078688.D

Acq: 21 Apr 2015 17:30

Instrument :

BNA_F

ClientSampleId :

SP-A-3RE

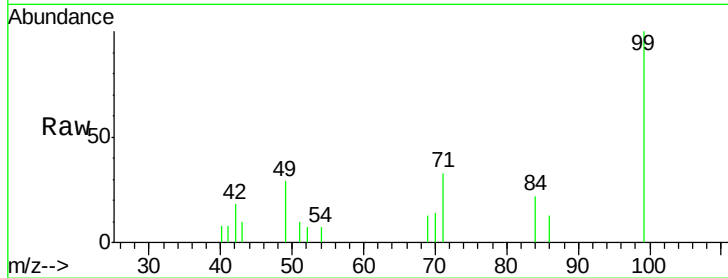
Tgt Ion: 99 Resp: 8080

Ion Ratio Lower Upper

99 100

42 17.7 14.8 22.2

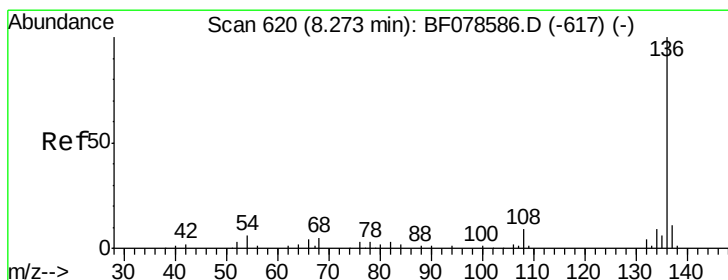
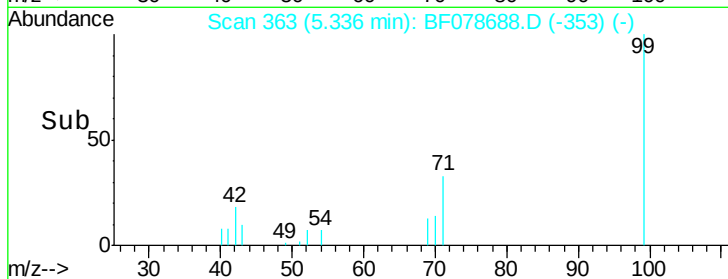
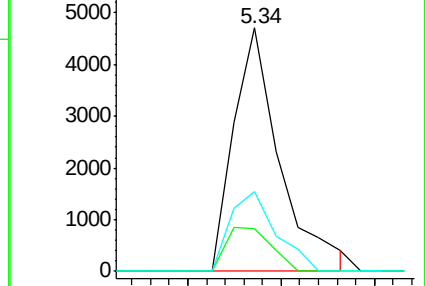
71 33.0 26.6 39.8



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: 7.98 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF078688.D

Acq: 21 Apr 2015 17:30

Tgt Ion: 136 Resp: 112322

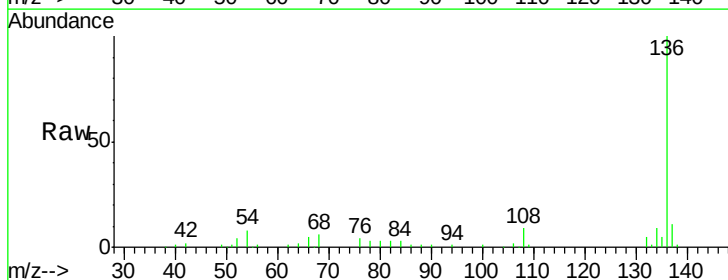
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.5 7.0 10.6

68 5.7 5.4 8.2

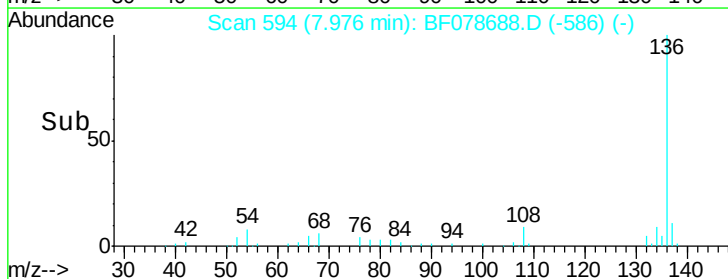
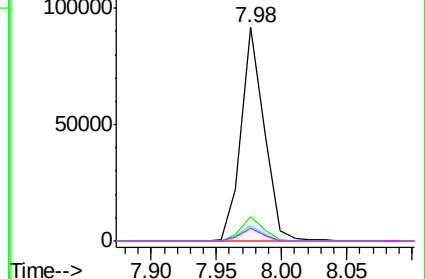


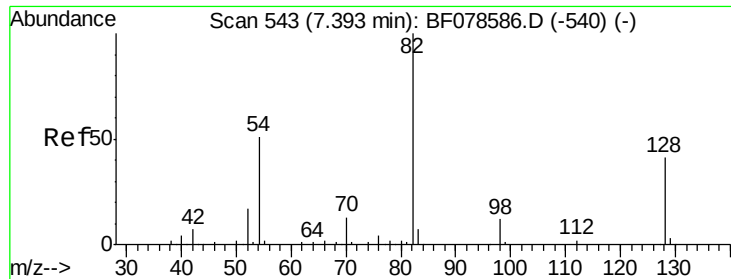
Abundance Ion 136.00 (135.70 to 136.70): E

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

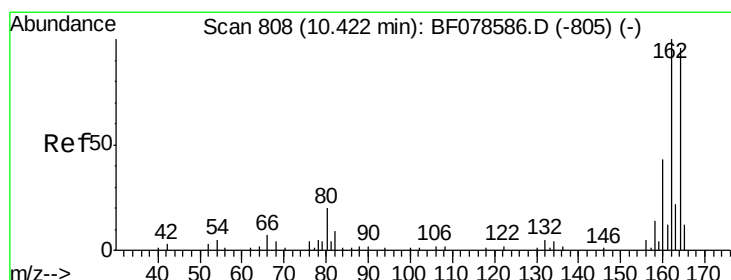
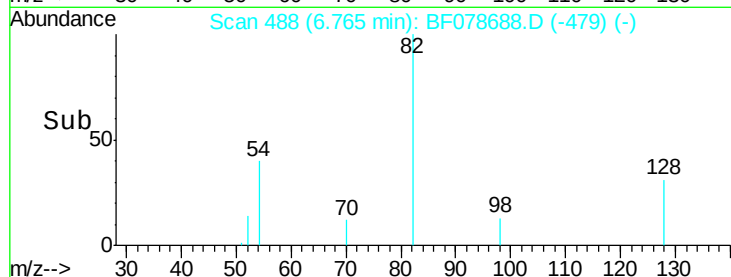
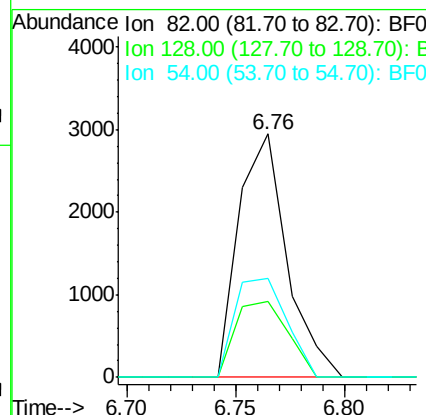
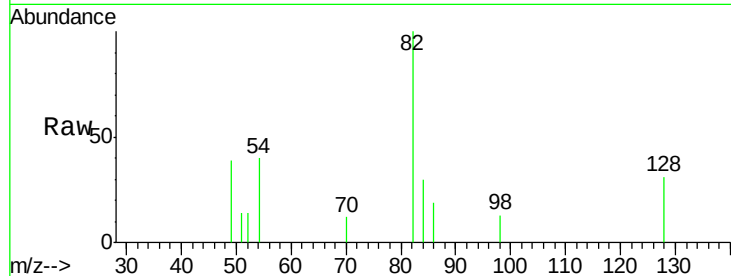




#23
 Nitrobenzene-d5
 Concen: 2.45 ng
 RT: 6.76 min Scan# 488
 Delta R.T. -0.00 min
 Lab File: BF078688.D
 Acq: 21 Apr 2015 17:30

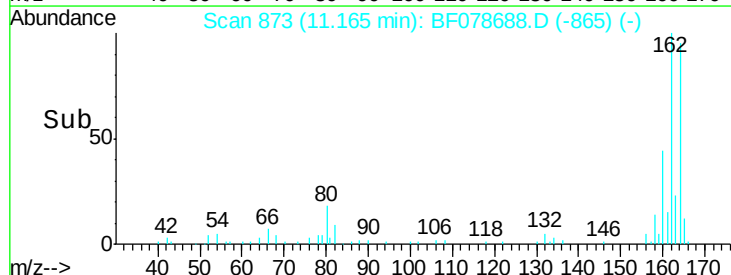
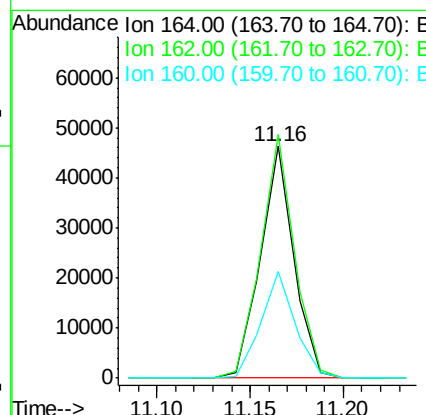
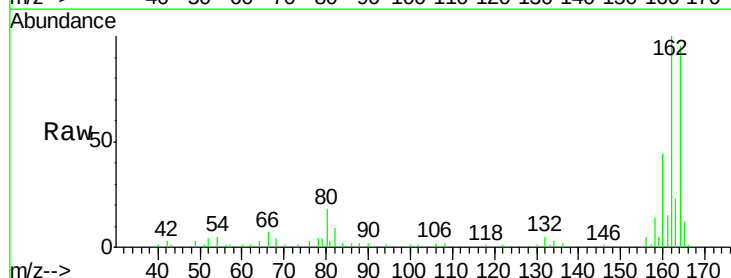
Instrument :
 BNA_F
 ClientSampleId :
 SP-A-3RE

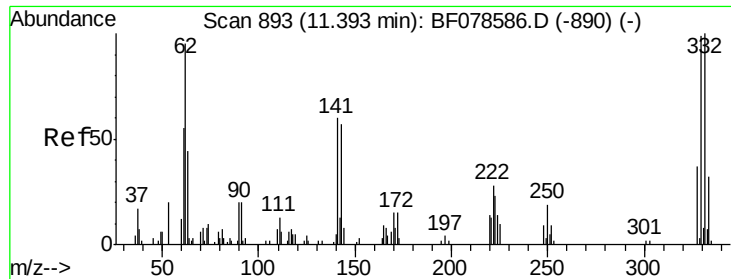
Tgt Ion: 82 Resp: 4538
 Ion Ratio Lower Upper
 82 100
 128 31.3 31.8 47.8#
 54 40.4 41.5 62.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF078688.D
 Acq: 21 Apr 2015 17:30

Tgt Ion: 164 Resp: 57075
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.2 123.2
 160 46.2 34.7 52.1

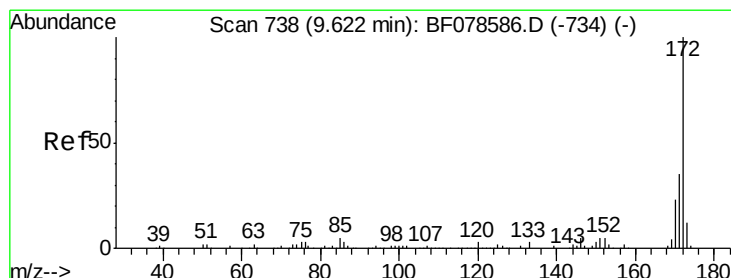
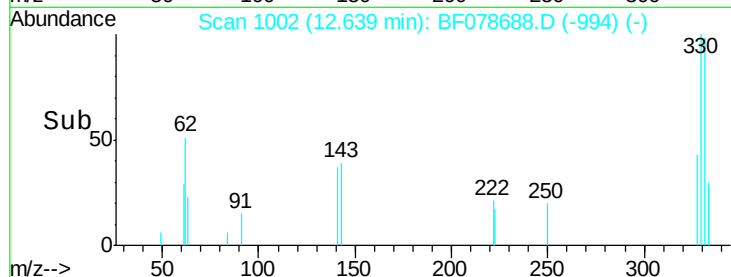
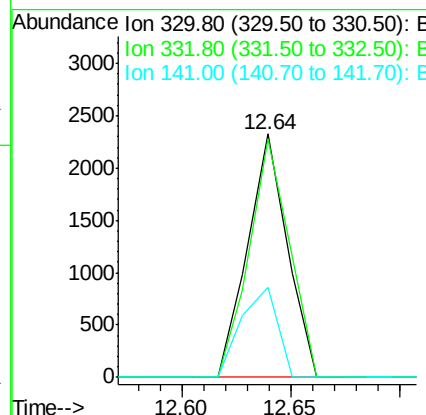
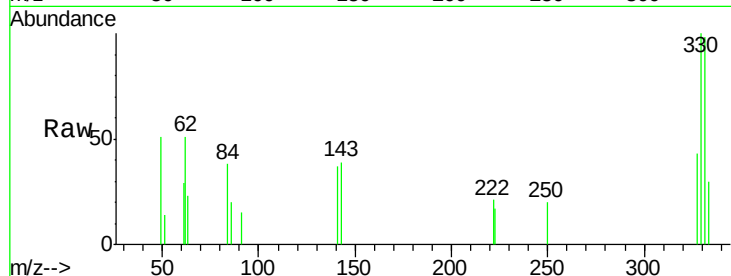




#41
 2,4,6-Tribromophenol
 Concen: 6.23 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF078688.D
 Acq: 21 Apr 2015 17:30

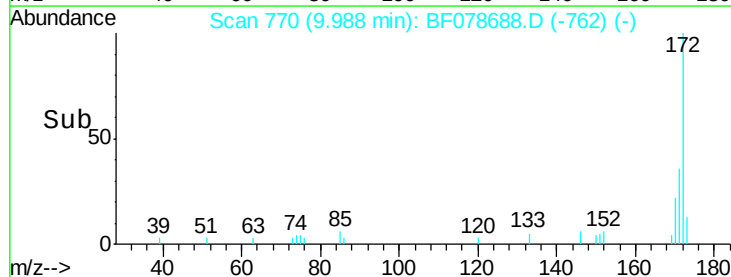
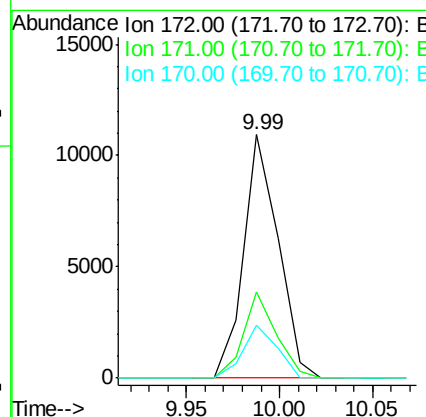
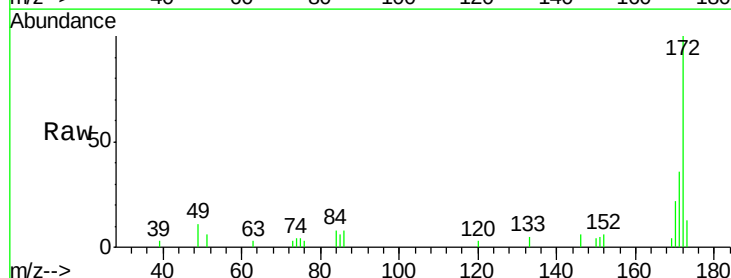
Instrument :
 BNA_F
 ClientSampleId :
 SP-A-3RE

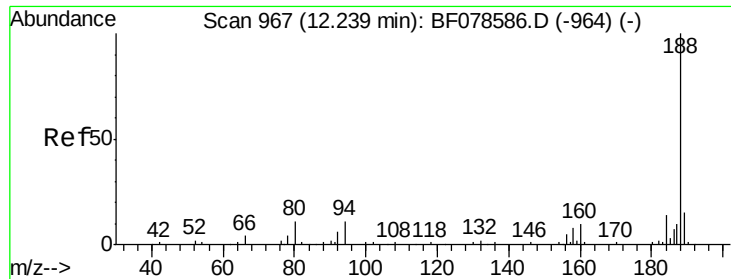
Tgt Ion: 330 Resp: 2950
 Ion Ratio Lower Upper
 330 100
 332 99.5 78.6 117.8
 141 33.6 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 3.54 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF078688.D
 Acq: 21 Apr 2015 17:30

Tgt Ion: 172 Resp: 14115
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 42.8
 170 21.9 18.5 27.7

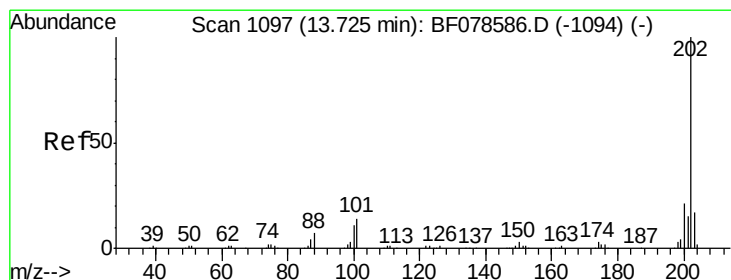
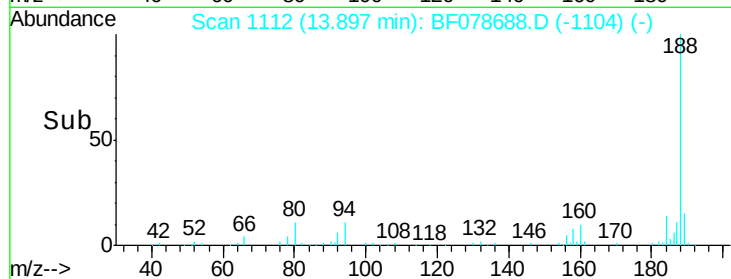
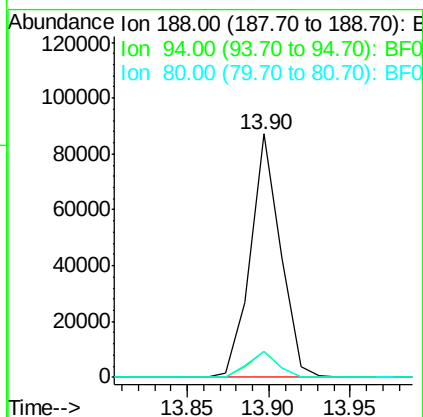
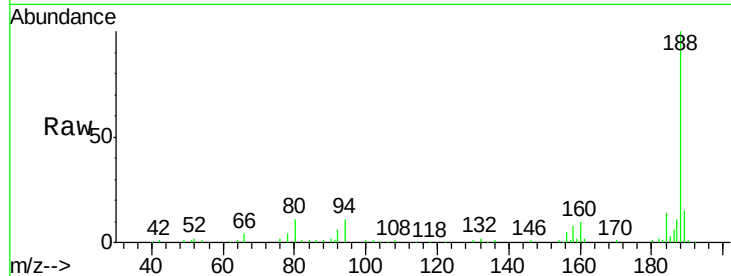




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.90 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF078688.D
Acq: 21 Apr 2015 17:30

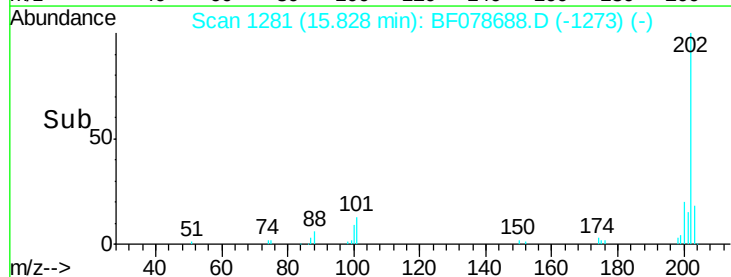
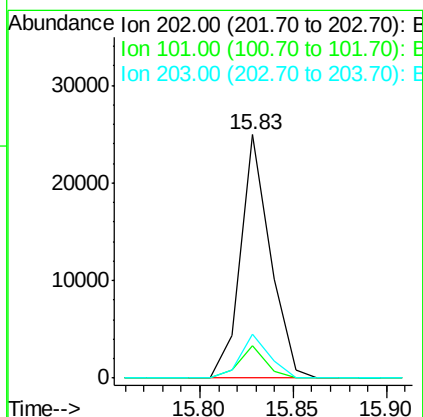
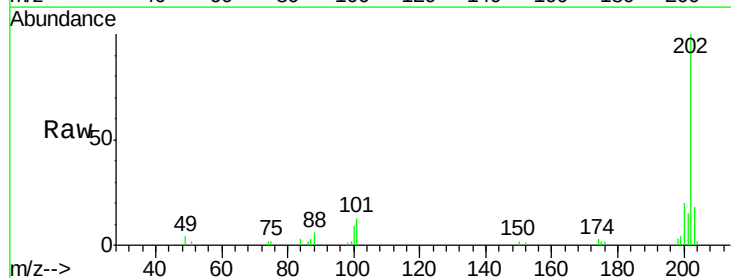
Instrument :
BNA_F
ClientSampleId :
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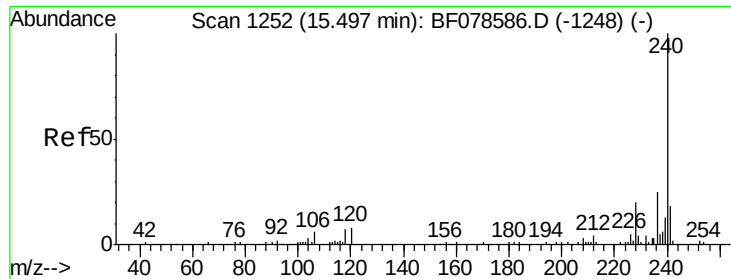
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.0	13.4
80	10.7	9.5	14.3



#74
Fluoranthene
Concen: 4.07 ng
RT: 15.83 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF078688.D
Acq: 21 Apr 2015 17:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	35.2
203	17.9	0.0	38.5

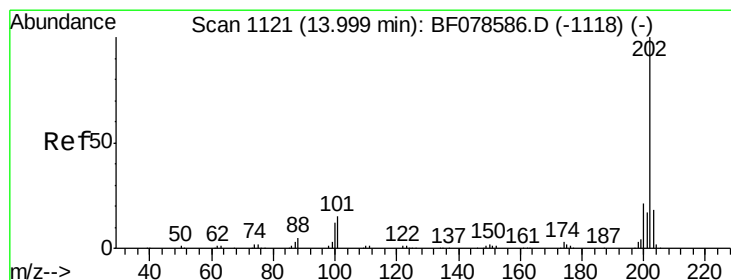
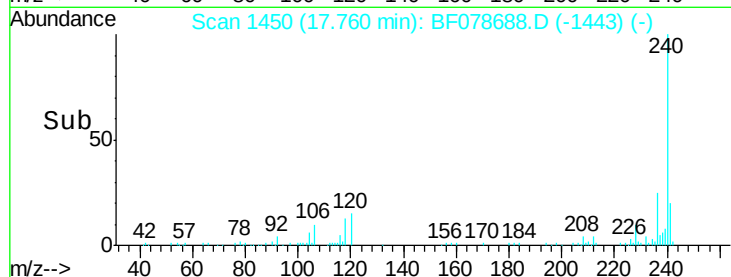
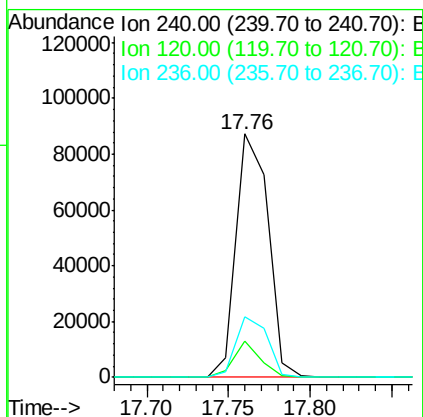
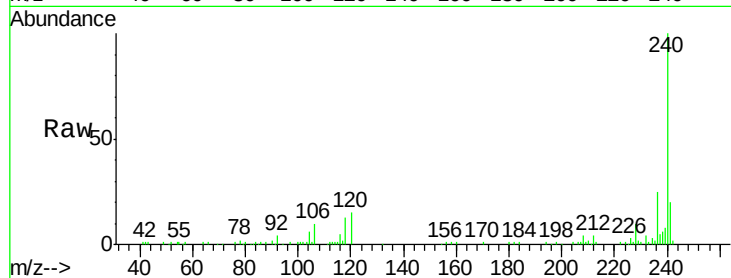




#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.76 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF078688.D
Acq: 21 Apr 2015 17:30

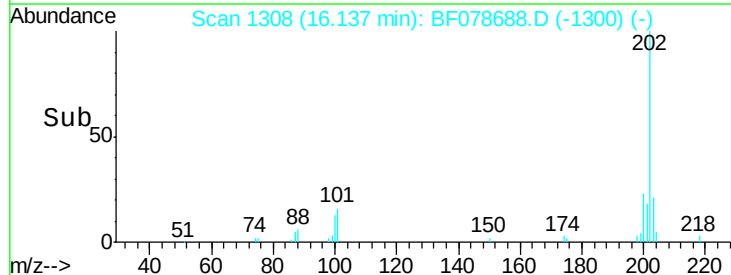
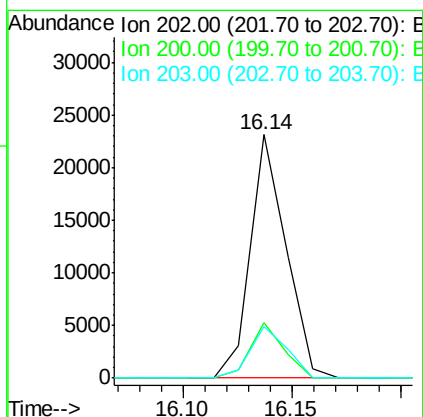
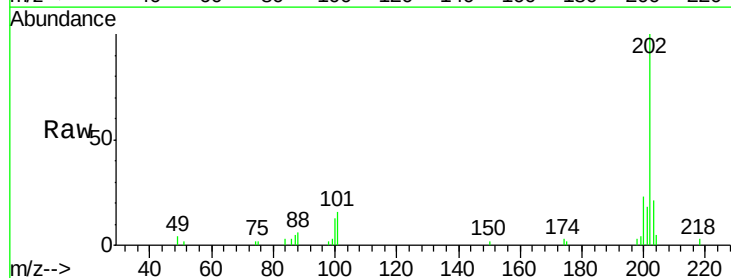
Instrument :
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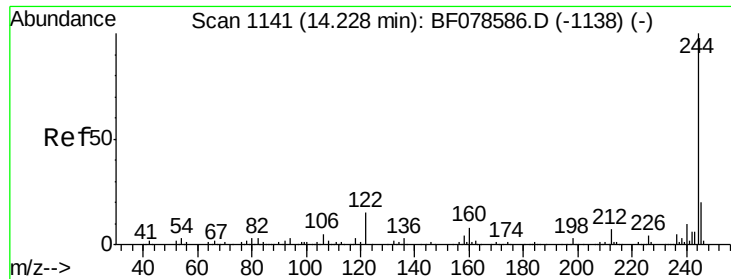
Tgt Ion: 240 Resp: 119028
Ion Ratio Lower Upper
240 100
120 14.9 7.1 10.7#
236 25.0 21.4 32.2



#77
Pyrene
Concen: 3.53 ng
RT: 16.14 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF078688.D
Acq: 21 Apr 2015 17:30

Tgt Ion: 202 Resp: 26389
Ion Ratio Lower Upper
202 100
200 22.7 16.3 24.5
203 21.1 13.8 20.6#

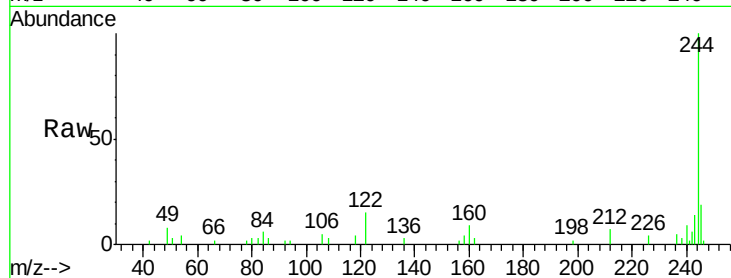




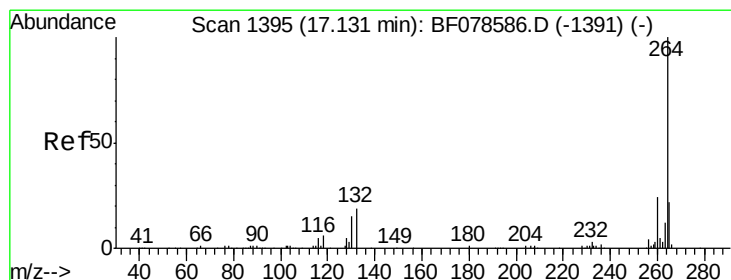
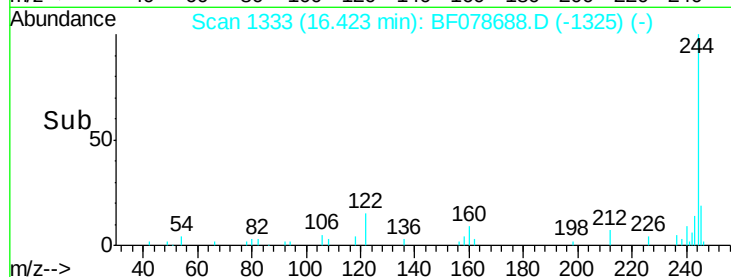
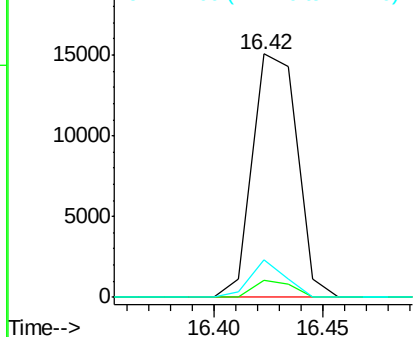
#78
 Terphenyl-d14
 Concen: 4.12 ng
 RT: 16.42 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF078688.D
 Acq: 21 Apr 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-3RE

Tgt Ion:244 Resp: 21688
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 15.4 7.1 10.7#

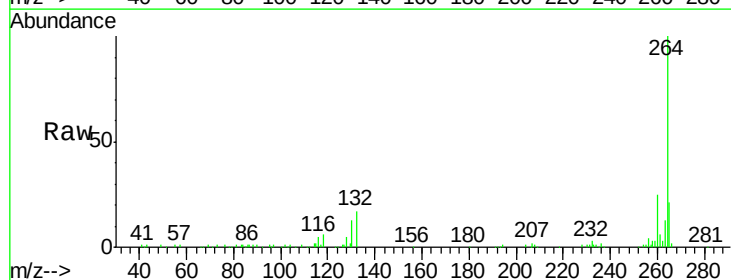


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

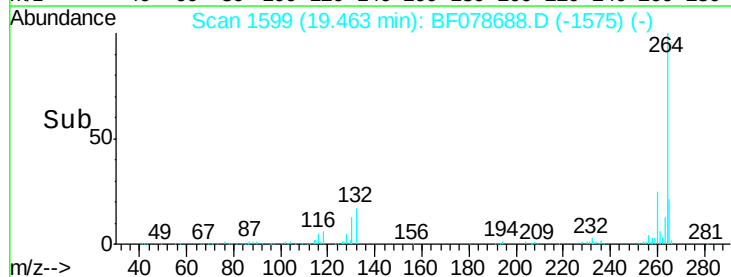
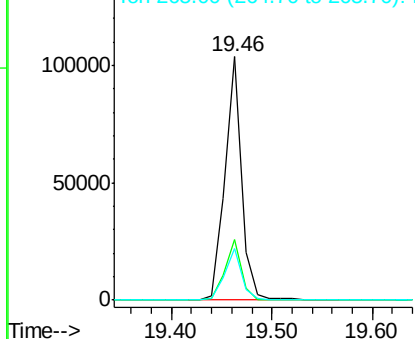


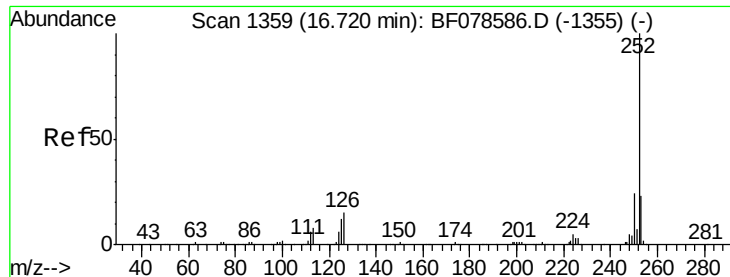
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.46 min Scan# 1599
 Delta R.T. -0.02 min
 Lab File: BF078688.D
 Acq: 21 Apr 2015 17:30

Tgt Ion:264 Resp: 119428
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.6 27.8
 265 21.1 17.0 25.6



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

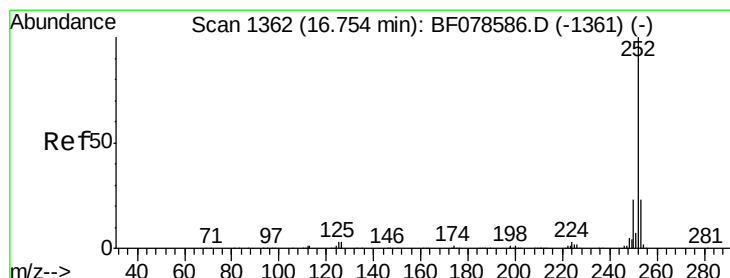
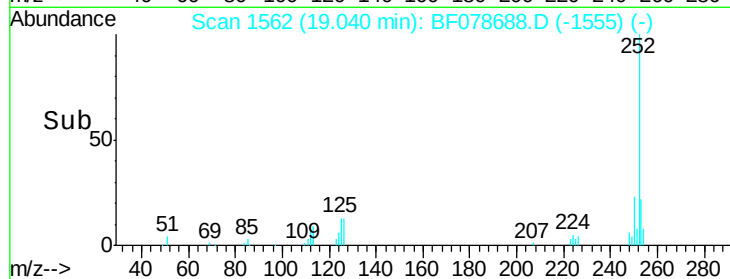
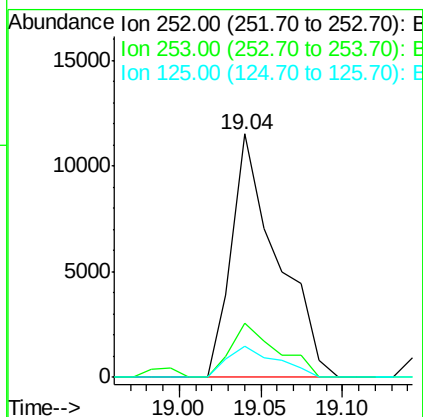
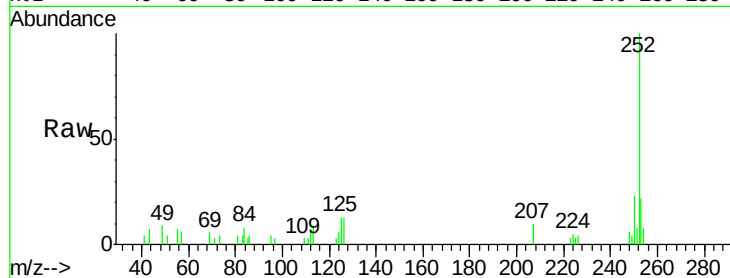




#87
Benzo(b)fluoranthene
Concen: 3.04 ng
RT: 19.04 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF078688.D
Acq: 21 Apr 2015 17:30

Instrument :
BNA_F
ClientSampleId :
SP-A-3RE

Tgt Ion:252 Resp: 22432
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 13.0 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 3.42 ng
RT: 19.04 min Scan# 1562
Delta R.T. -0.06 min
Lab File: BF078688.D
Acq: 21 Apr 2015 17:30

Tgt Ion:252 Resp: 22432
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 13.0 11.6 17.4

