

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042015\
 Data File : BF078669.D
 Acq On : 21 Apr 2015 5:54
 Operator : TP/IZ
 Sample : G1943-03 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-3

Quant Time: Apr 21 06:44:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 03:43:19 2015
 Response via : Initial Calibration

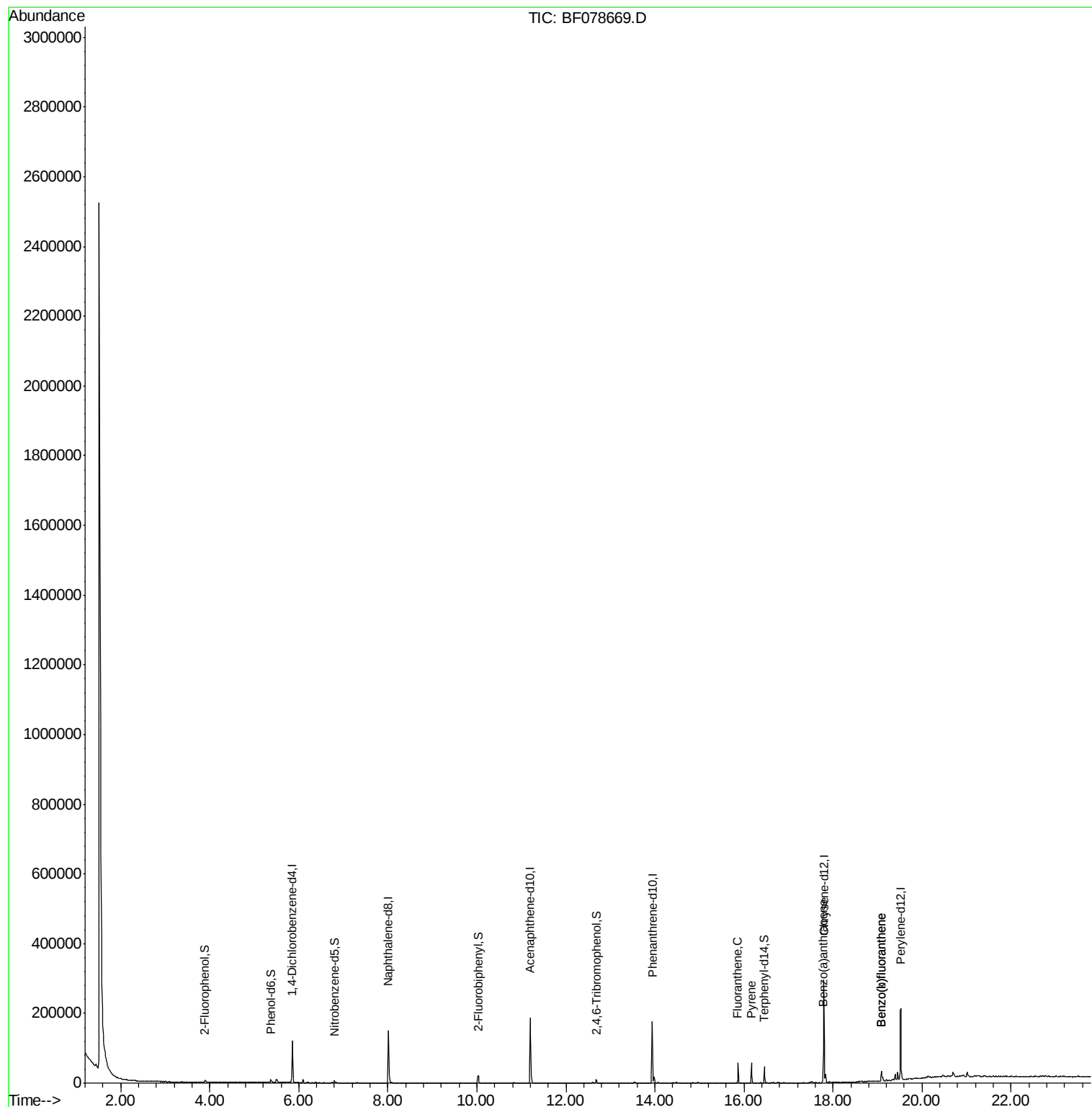
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	28777	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	118023	20.00	ng	-0.01
38) Acenaphthene-d10	11.20	164	60444	20.00	ng	-0.01
63) Phenanthrene-d10	13.94	188	115700	20.00	ng	0.00
75) Chrysene-d12	17.79	240	123385	20.00	ng	-0.01
86) Perylene-d12	19.52	264	120836	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	3.88	112	4636	2.66	ng	0.01
7) Phenol-d6	5.37	99	7305	3.34	ng	0.01
23) Nitrobenzene-d5	6.80	82	4260	2.19	ng	0.00
41) 2,4,6-Tribromophenol	12.67	330	2701	5.39	ng	-0.01
44) 2-Fluorobiphenyl	10.03	172	14632	3.46	ng	0.00
78) Terphenyl-d14	16.46	244	22989	4.21	ng	-0.01
Target Compounds						
74) Fluoranthene	15.86	202	29082	4.12	ng	Qvalue 93
77) Pyrene	16.17	202	28043	3.62	ng	97
80) Benzo(a)anthracene	17.78	228	14711	2.00	ng	98
87) Benzo(b)fluoranthene	19.09	252	22782	3.05	ng	# 95
88) Benzo(k)fluoranthene	19.09	252	22781	3.43	ng	97

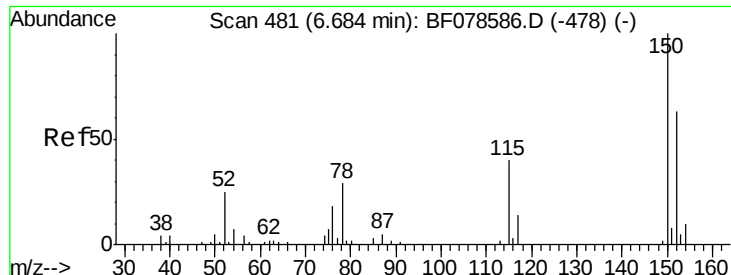
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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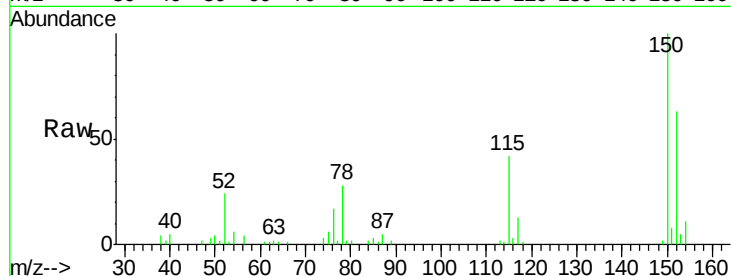




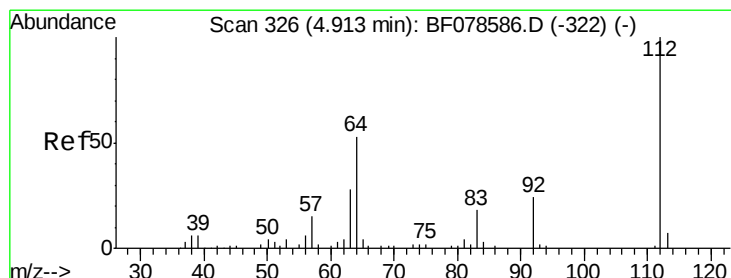
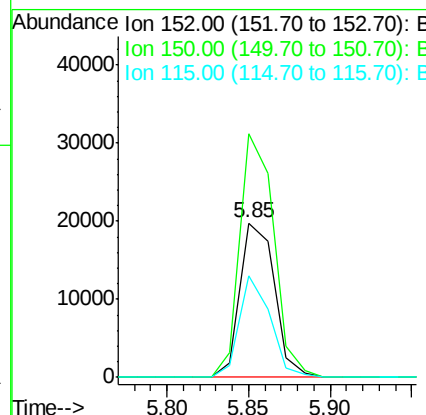
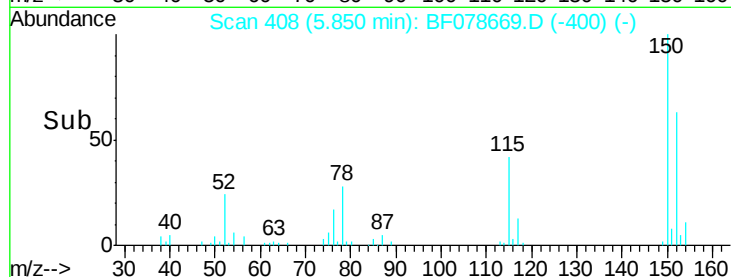
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.85 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: BF078669.D
 Acq: 21 Apr 2015 5:54

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-3

Tgt Ion:152 Resp: 28777
 Ion Ratio Lower Upper
 152 100
 150 158.0 125.9 188.9
 115 65.7 52.7 79.1

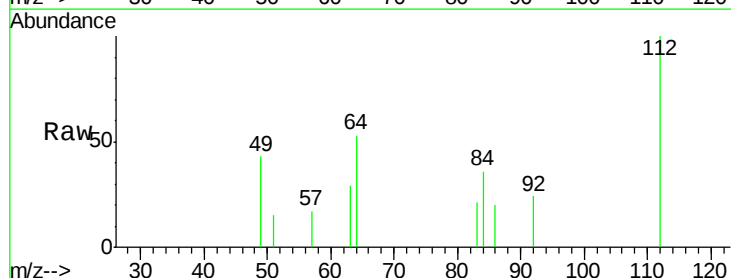


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

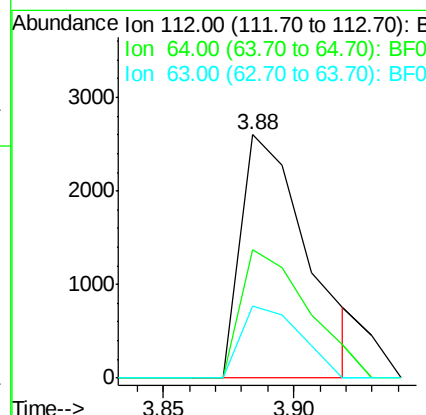
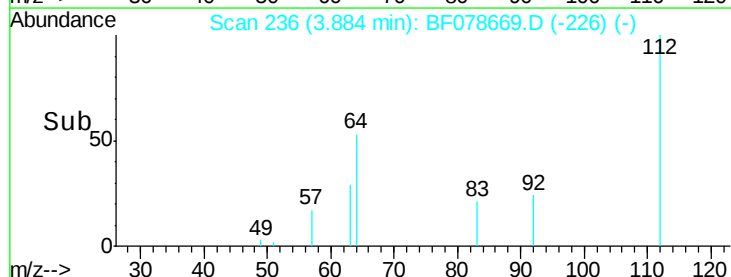


#5
 2-Fluorophenol
 Concen: 2.66 ng
 RT: 3.88 min Scan# 236
 Delta R.T. 0.01 min
 Lab File: BF078669.D
 Acq: 21 Apr 2015 5:54

Tgt Ion:112 Resp: 4636
 Ion Ratio Lower Upper
 112 100
 64 52.5 39.9 59.9
 63 29.4 20.2 30.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 3.34 ng

RT: 5.37 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF078669.D

Acq: 21 Apr 2015 5:54

Instrument :

BNA_F

ClientSampleId :

SP-A-3

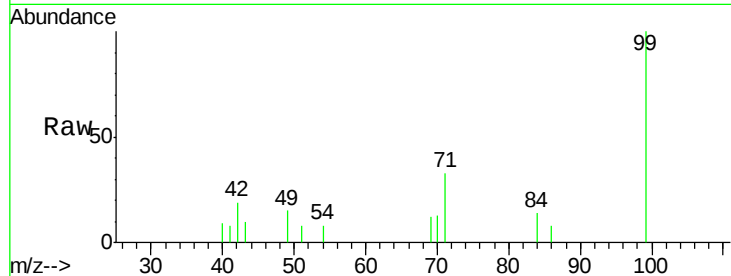
Tgt Ion: 99 Resp: 7305

Ion Ratio Lower Upper

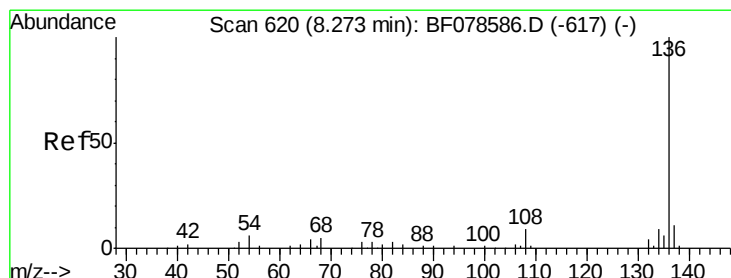
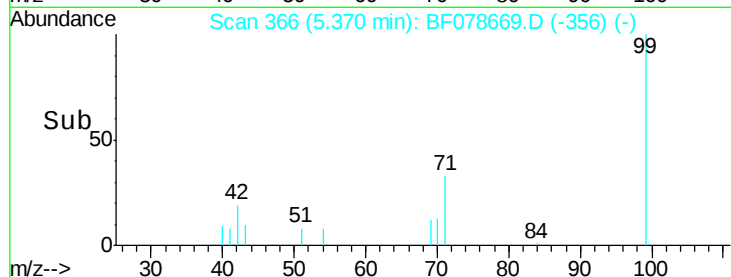
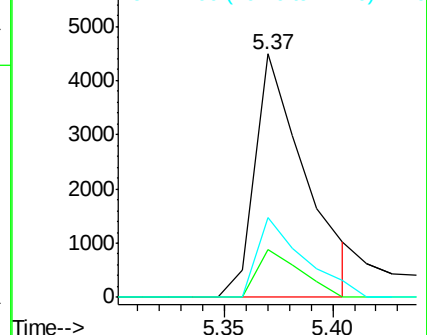
99 100

42 19.4 14.8 22.2

71 32.9 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: 8.01 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF078669.D

Acq: 21 Apr 2015 5:54

Tgt Ion: 136 Resp: 118023

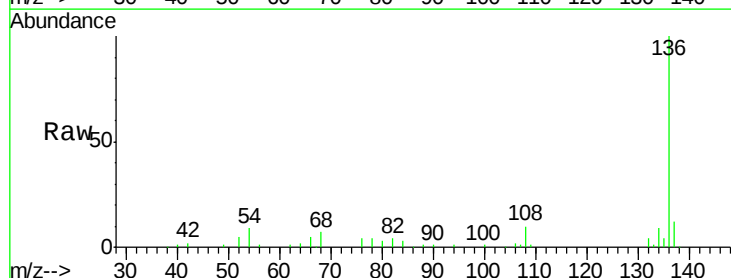
Ion Ratio Lower Upper

136 100

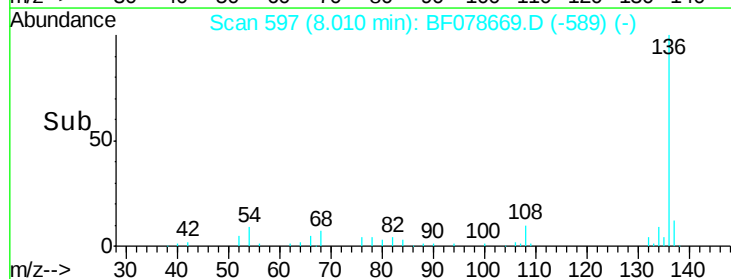
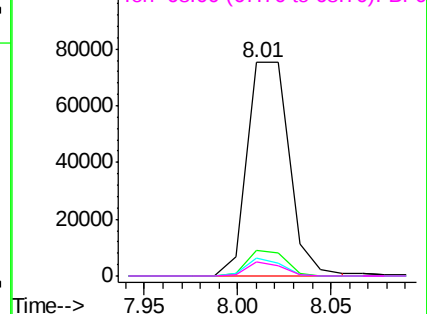
137 11.8 9.0 13.4

54 8.5 7.0 10.6

68 6.6 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

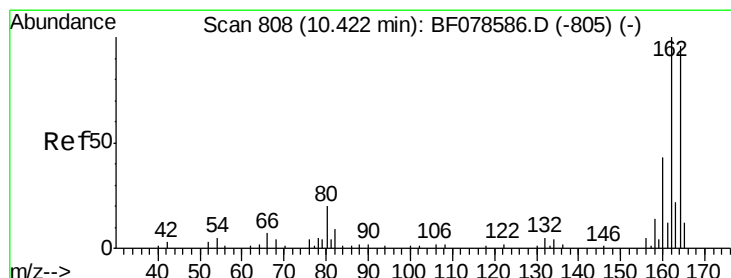
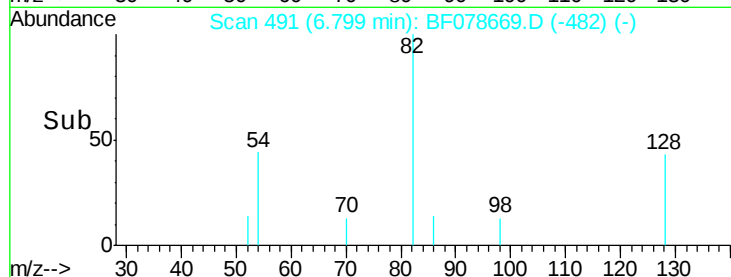
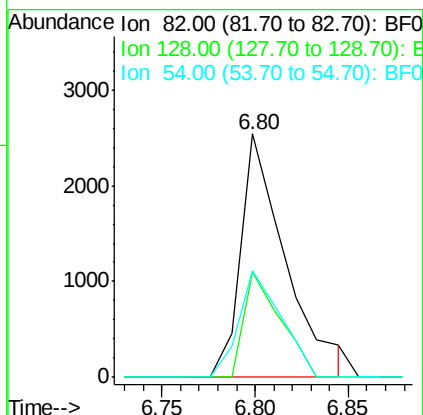
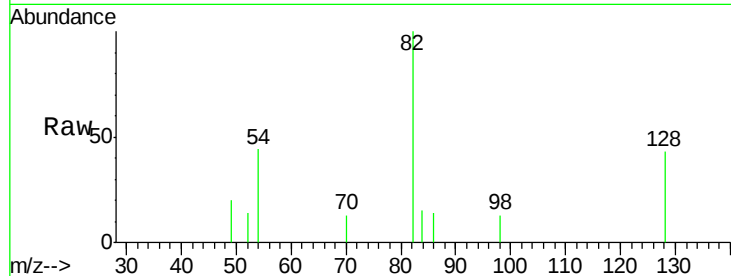




#23
 Nitrobenzene-d5
 Concen: 2.19 ng
 RT: 6.80 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BF078669.D
 Acq: 21 Apr 2015 5:54

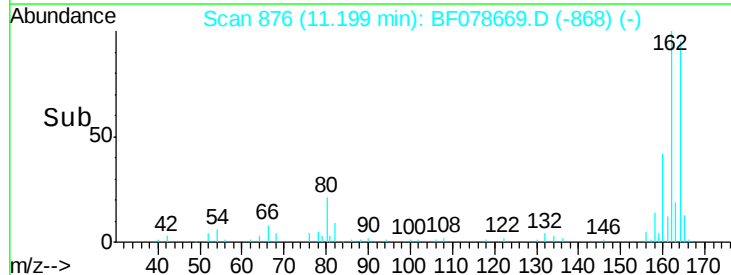
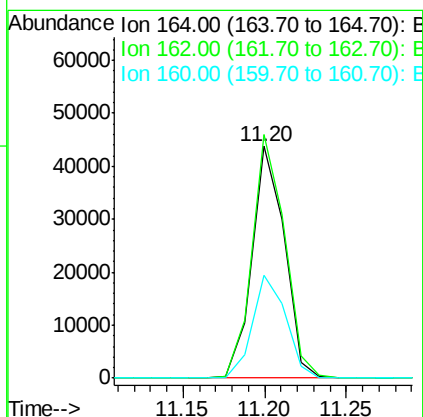
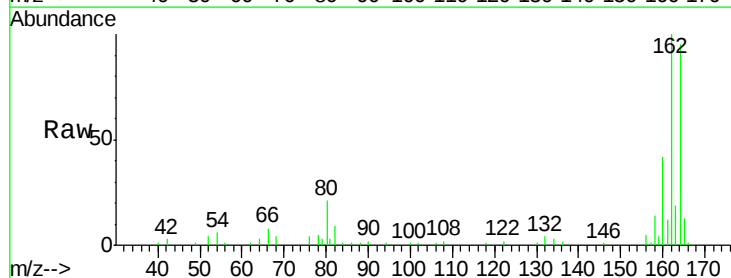
Instrument :
 BNA_F
 ClientSampleId :
 SP-A-3

Tgt Ion: 82 Resp: 4260
 Ion Ratio Lower Upper
 82 100
 128 43.2 31.8 47.8
 54 43.7 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF078669.D
 Acq: 21 Apr 2015 5:54

Tgt Ion: 164 Resp: 60444
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.2 123.2
 160 44.3 34.7 52.1

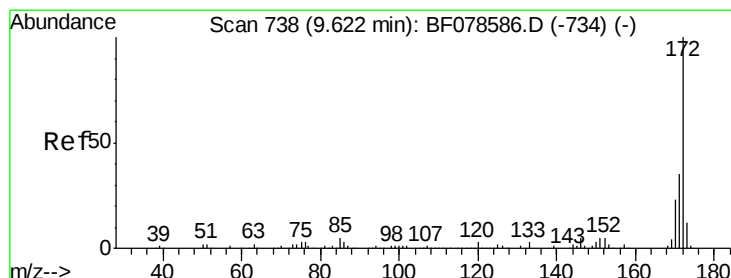
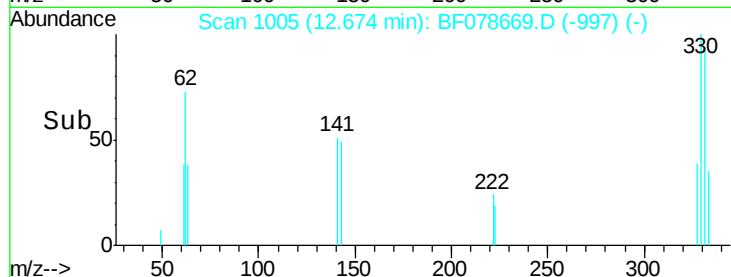
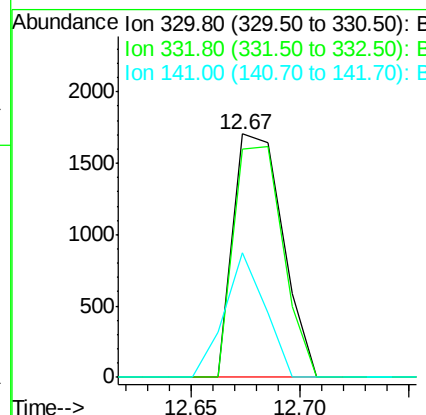
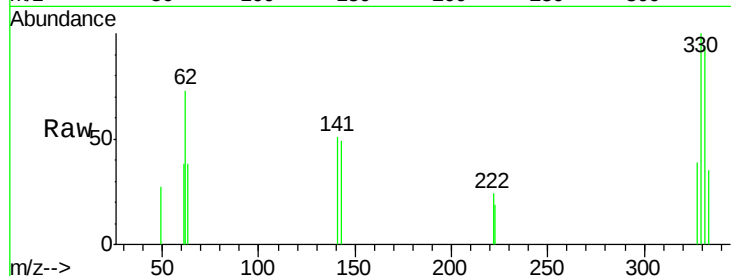




#41
 2,4,6-Tribromophenol
 Concen: 5.39 ng
 RT: 12.67 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF078669.D
 Acq: 21 Apr 2015 5:54

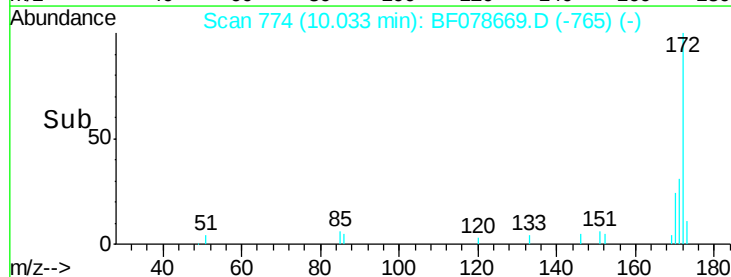
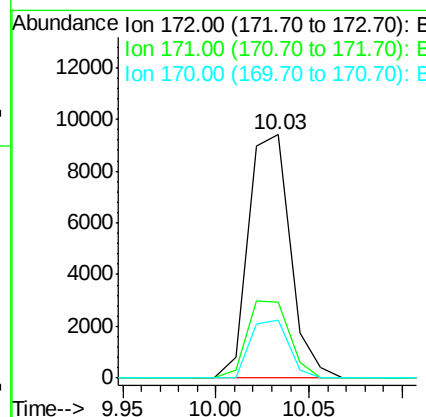
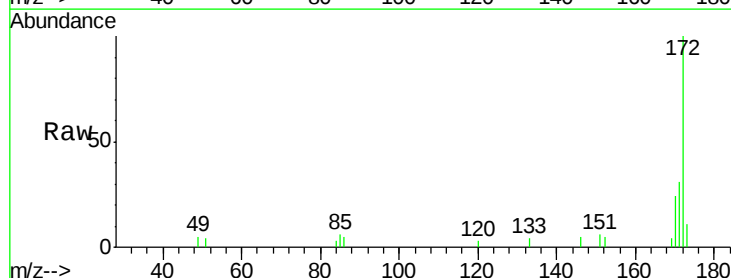
Instrument :
 BNA_F
 ClientSampleId :
 SP-A-3

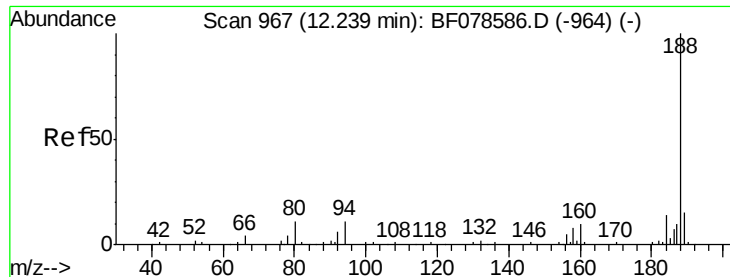
Tgt Ion: 330 Resp: 2701
 Ion Ratio Lower Upper
 330 100
 332 94.3 78.6 117.8
 141 41.8 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 3.46 ng
 RT: 10.03 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF078669.D
 Acq: 21 Apr 2015 5:54

Tgt Ion: 172 Resp: 14632
 Ion Ratio Lower Upper
 172 100
 171 31.3 28.6 42.8
 170 23.8 18.5 27.7

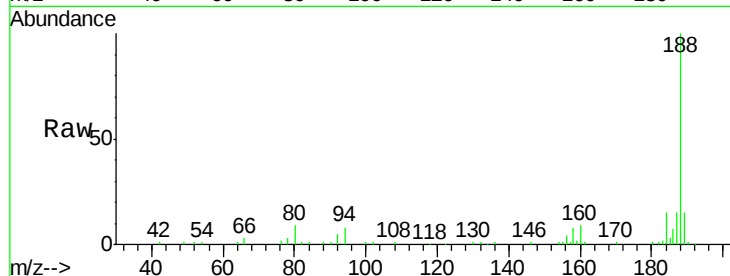




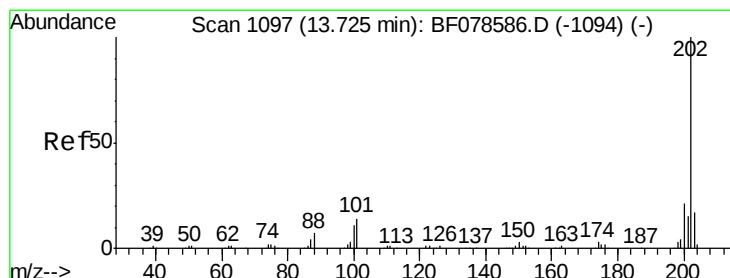
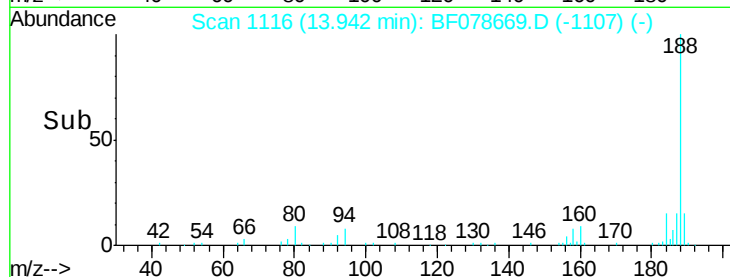
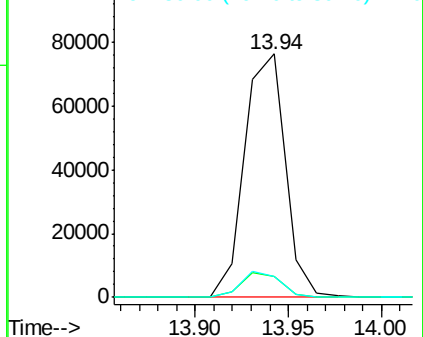
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.94 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF078669.D
Acq: 21 Apr 2015 5:54

Instrument :
BNA_F
ClientSampleId :
SP-A-3

Tgt Ion:188 Resp: 115700
Ion Ratio Lower Upper
188 100
94 8.4 9.0 13.4#
80 8.6 9.5 14.3#

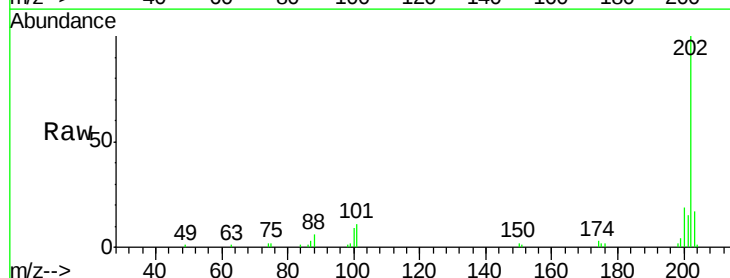


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

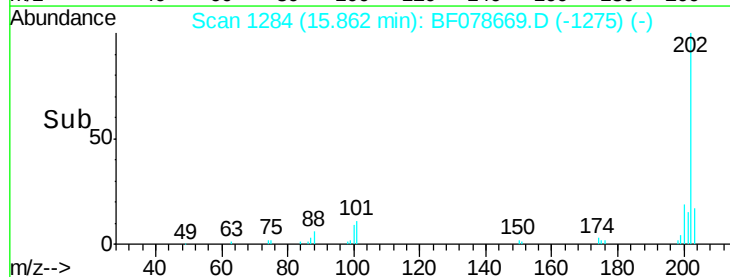
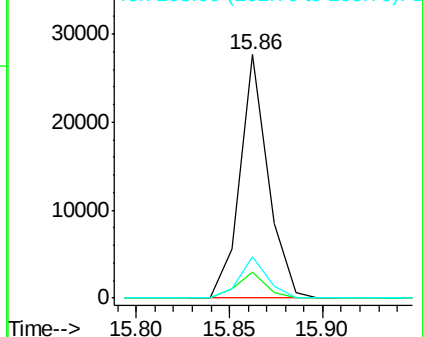


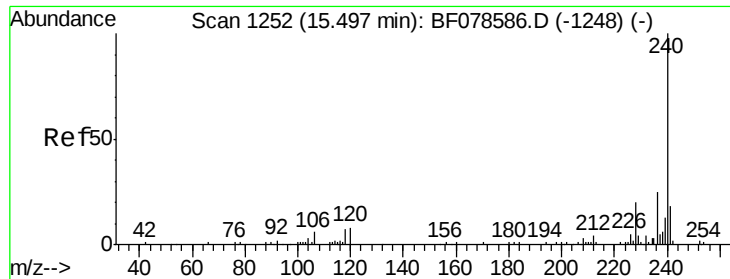
#74
Fluoranthene
Concen: 4.12 ng
RT: 15.86 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF078669.D
Acq: 21 Apr 2015 5:54

Tgt Ion:202 Resp: 29082
Ion Ratio Lower Upper
202 100
101 10.9 0.0 35.2
203 17.0 0.0 38.5



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

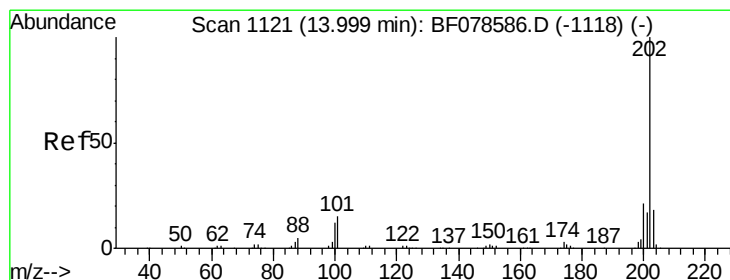
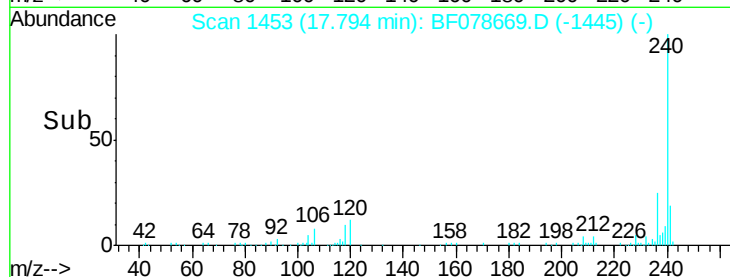
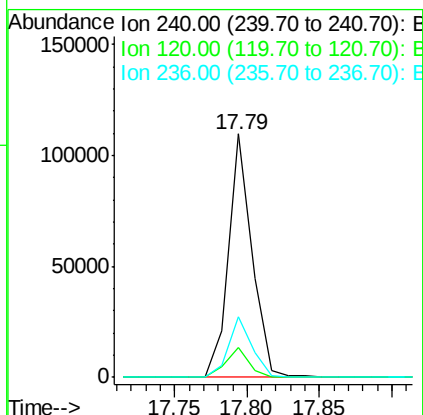
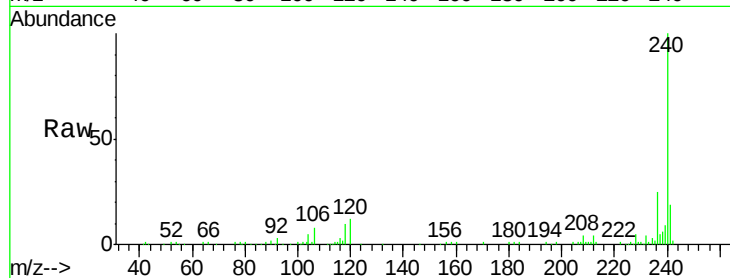




#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF078669.D
Acq: 21 Apr 2015 5:54

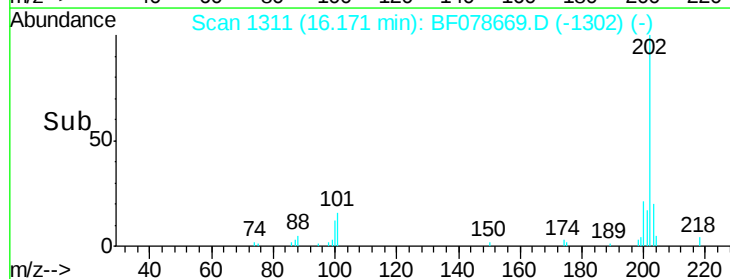
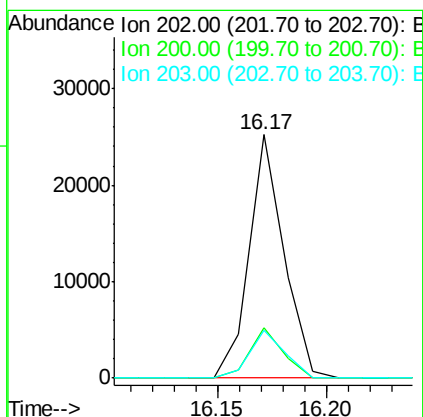
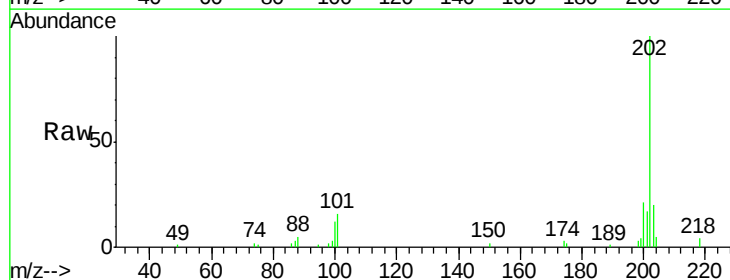
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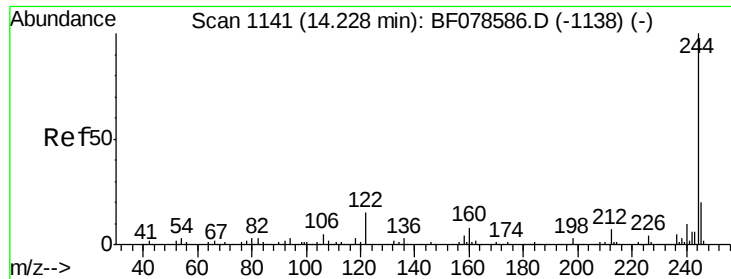
Tgt Ion:240 Resp: 123385
Ion Ratio Lower Upper
240 100
120 12.2 7.1 10.7#
236 24.9 21.4 32.2



#77
Pyrene
Concen: 3.62 ng
RT: 16.17 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF078669.D
Acq: 21 Apr 2015 5:54

Tgt Ion:202 Resp: 28043
Ion Ratio Lower Upper
202 100
200 20.7 16.3 24.5
203 19.9 13.8 20.6

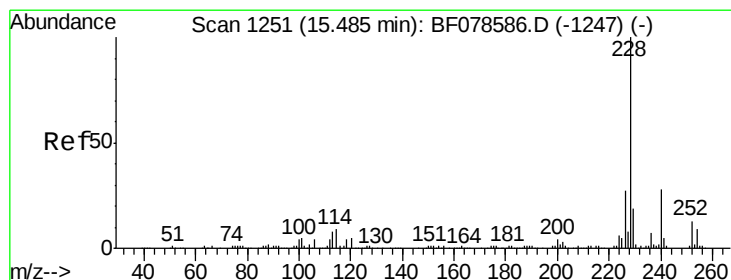
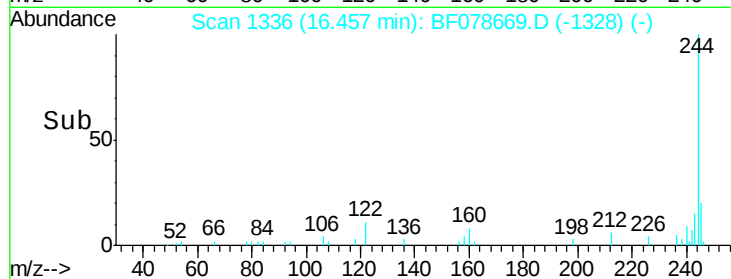
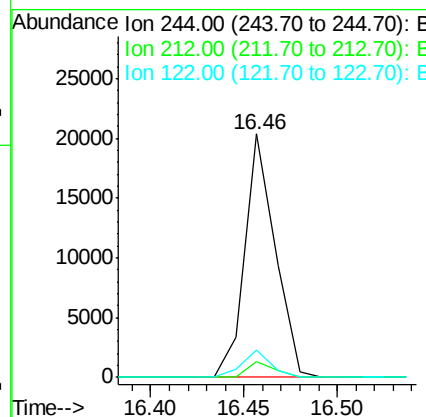
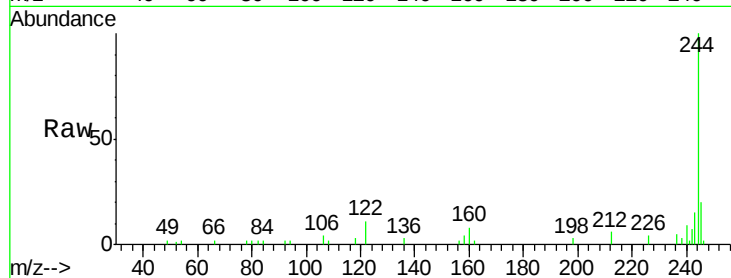




#78
 Terphenyl-d14
 Concen: 4.21 ng
 RT: 16.46 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF078669.D
 Acq: 21 Apr 2015 5:54

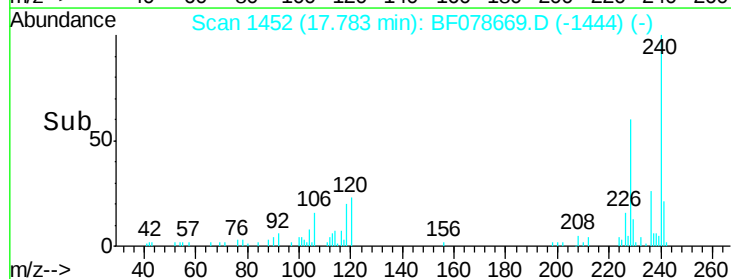
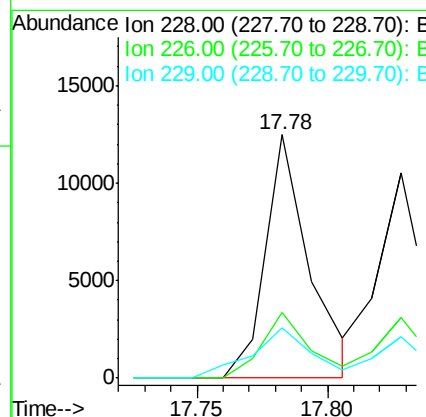
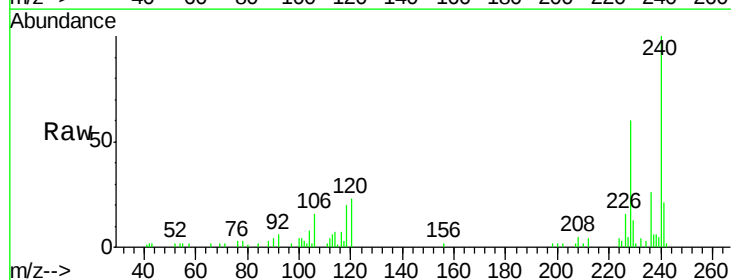
Instrument :
 BNA_F
 ClientSampleId :
 SP-A-3

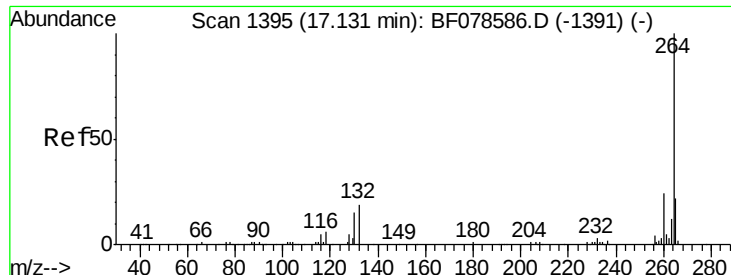
Tgt Ion:244 Resp: 22989
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 11.2 7.1 10.7#



#80
 Benzo(a)anthracene
 Concen: 2.00 ng
 RT: 17.78 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF078669.D
 Acq: 21 Apr 2015 5:54

Tgt Ion:228 Resp: 14711
 Ion Ratio Lower Upper
 228 100
 226 27.0 21.3 31.9
 229 20.8 15.4 23.2

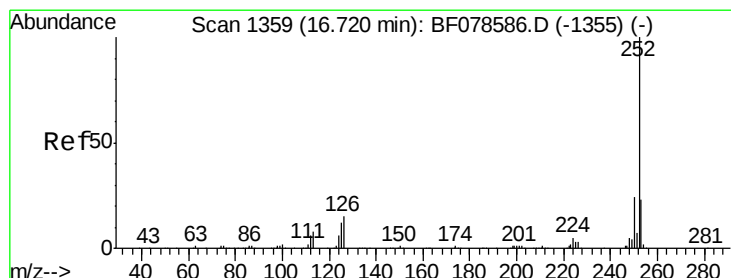
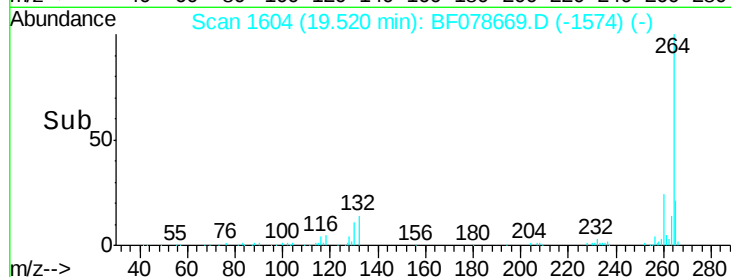
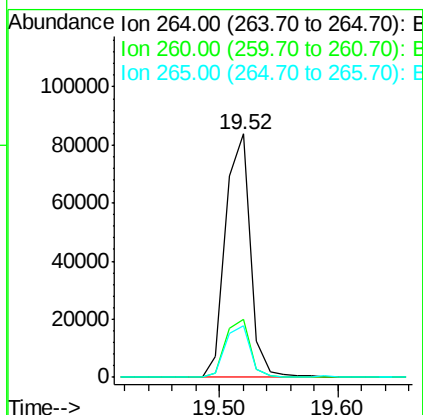
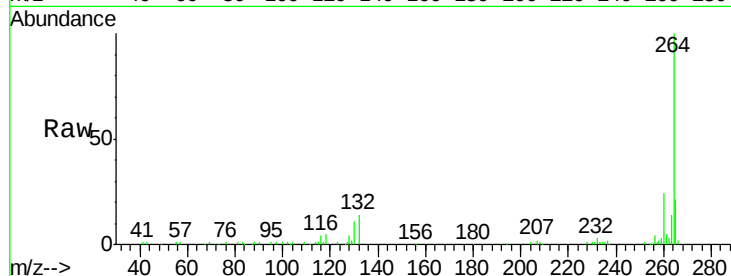




#86
Perylene-d12
Concen: 20.00 ng
RT: 19.52 min Scan# 1604
Delta R.T. 0.05 min
Lab File: BF078669.D
Acq: 21 Apr 2015 5:54

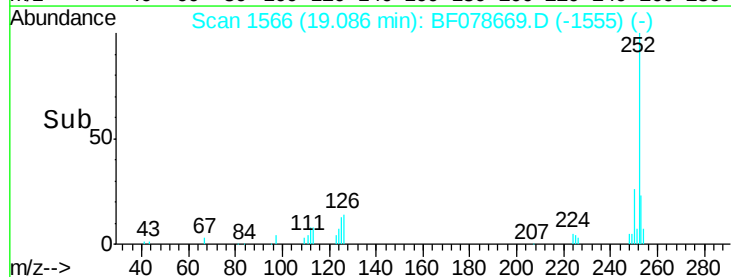
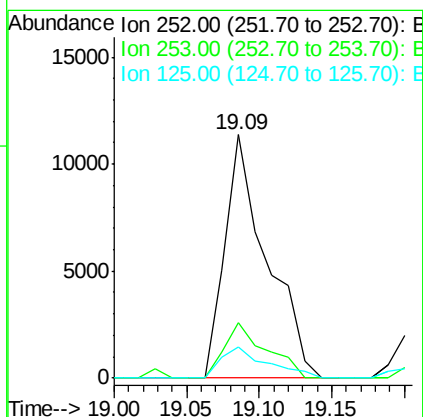
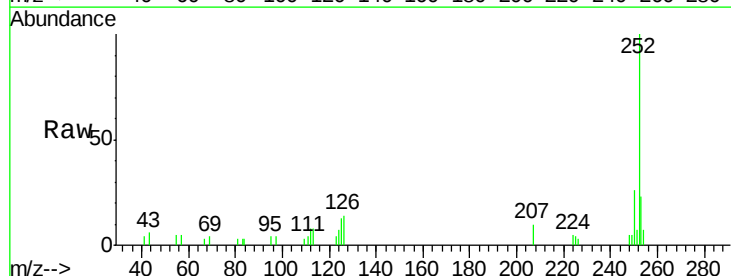
Instrument :
BNA_F
ClientSampled :
SP-A-3

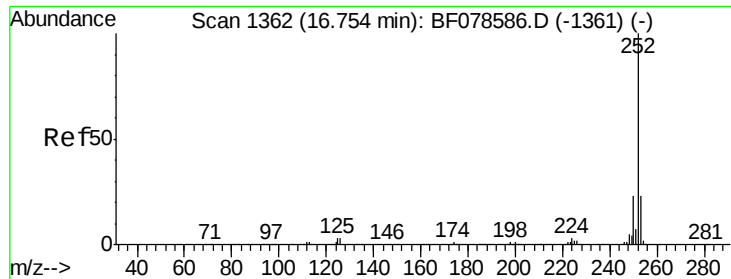
Tgt Ion: 264 Resp: 120836
Ion Ratio Lower Upper
264 100
260 23.9 18.6 27.8
265 21.0 17.0 25.6



#87
Benzo(b)fluoranthene
Concen: 3.05 ng
RT: 19.09 min Scan# 1566
Delta R.T. 0.02 min
Lab File: BF078669.D
Acq: 21 Apr 2015 5:54

Tgt Ion: 252 Resp: 22782
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 12.8 7.0 10.4#





#88

Benzo(k)fluoranthene

Concen: 3.43 ng

RT: 19.09 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF078669.D

Acq: 21 Apr 2015 5:54

Instrument :

BNA_F

ClientSampleId :

SP-A-3

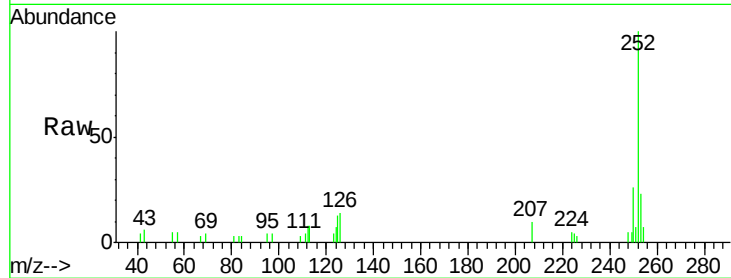
Tgt Ion: 252 Resp: 22781

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

125 12.8 11.6 17.4



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

