

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
 Data File : BF078691.D
 Acq On : 21 Apr 2015 19:03
 Operator : TP/IZ
 Sample : G1938-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-67S

Quant Time: Apr 22 02:26:28 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

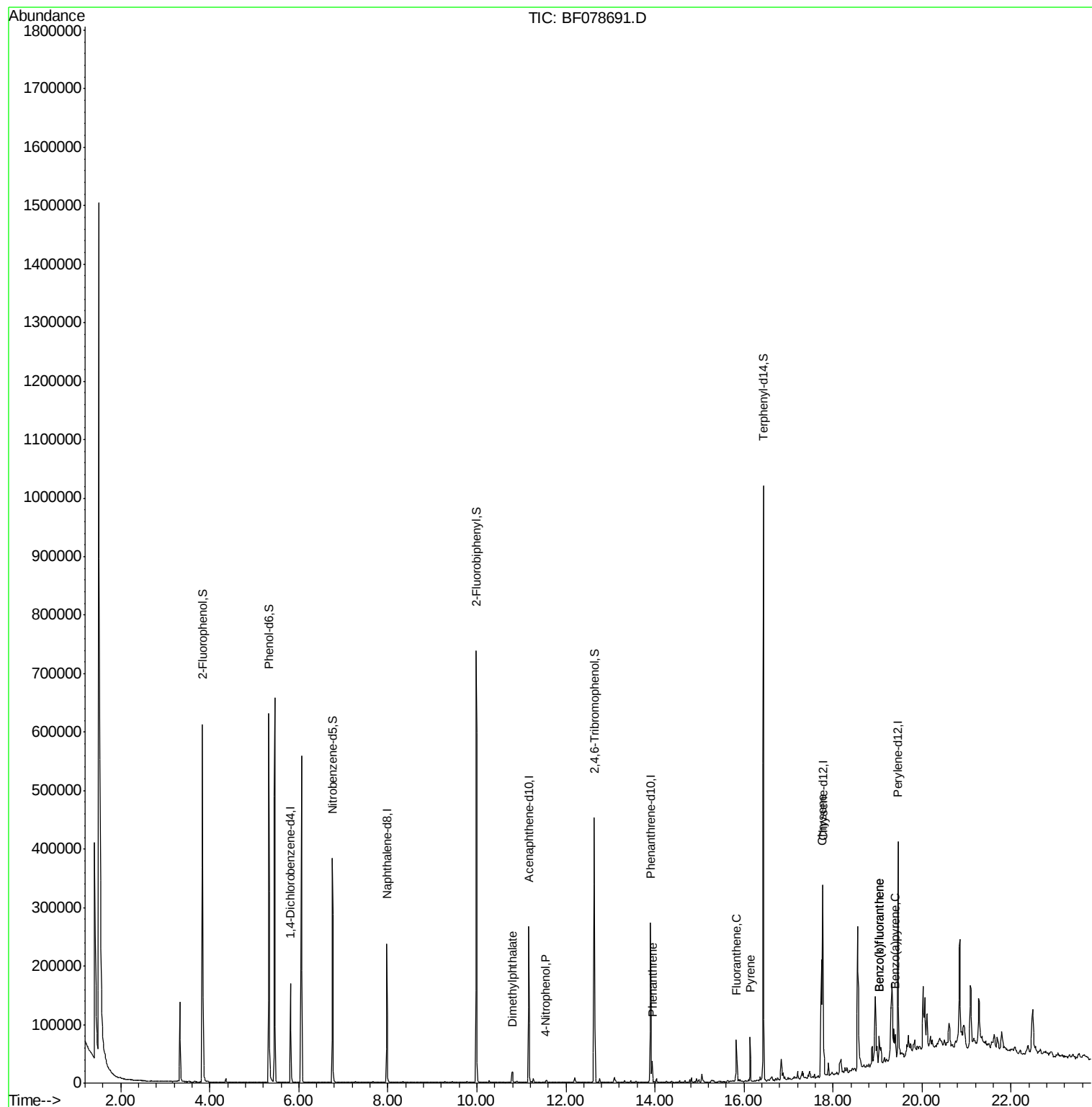
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	35703	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	148563	20.00	ng	-0.01
38) Acenaphthene-d10	11.16	164	76448	20.00	ng	-0.01
63) Phenanthrene-d10	13.90	188	145851	20.00	ng	-0.01
75) Chrysene-d12	17.77	240	159616	20.00	ng	-0.01
86) Perylene-d12	19.46	264	156176	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	3.84	112	244508	112.91	ng	0.01
7) Phenol-d6	5.32	99	308100	113.53	ng	0.00
23) Nitrobenzene-d5	6.75	82	183819	75.00	ng	-0.01
41) 2,4,6-Tribromophenol	12.64	330	78484	123.79	ng	-0.01
44) 2-Fluorobiphenyl	9.99	172	376840	70.46	ng	-0.01
78) Terphenyl-d14	16.43	244	411815	58.30	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.80	163	15089	2.63	ng	99
55) 4-Nitrophenol	11.55	139	290	3.05	ng	# 18
70) Phenanthrene	13.94	178	21374	2.53	ng	99
74) Fluoranthene	15.83	202	36621	4.12	ng	96
77) Pyrene	16.14	202	34573	3.45	ng	# 96
82) Chrysene	17.76	228	18708	2.10	ng	94
87) Benzo(b)fluoranthene	19.04	252	33731	3.49	ng	# 90
88) Benzo(k)fluoranthene	19.04	252	33731	3.93	ng	96
89) Benzo(a)pyrene	19.39	252	17958	2.13	ng	# 88

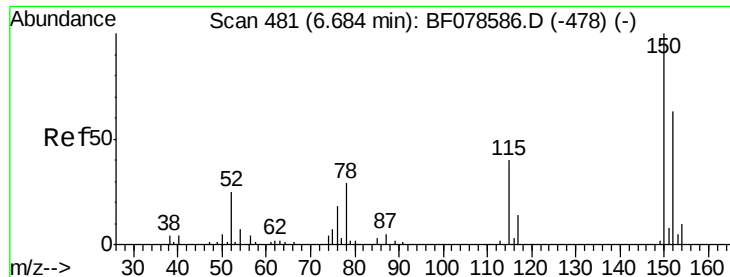
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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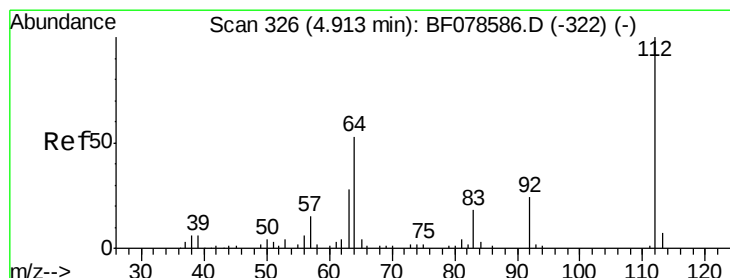
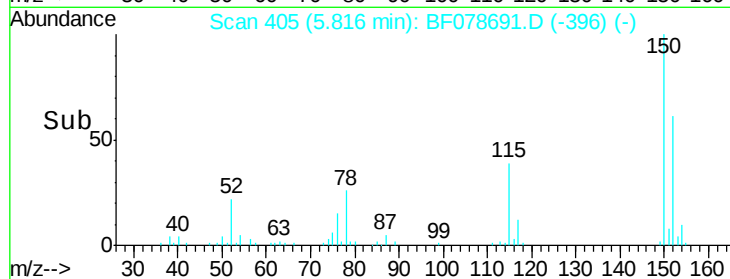
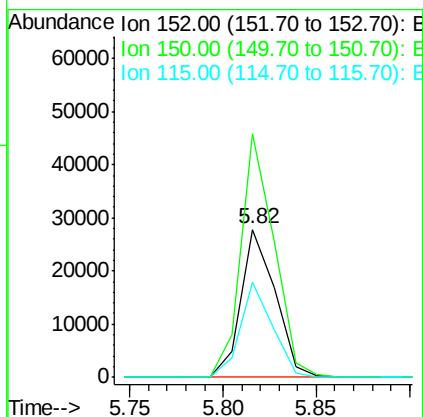
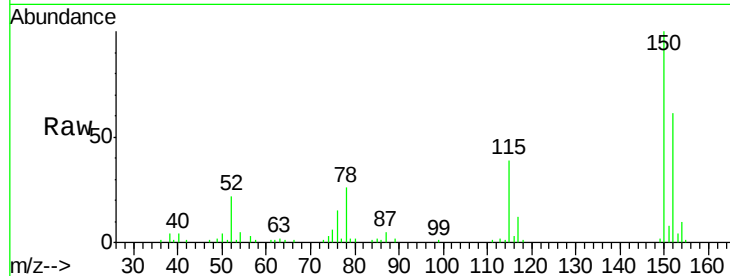




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.82 min Scan# 405
 Delta R.T. -0.00 min
 Lab File: BF078691.D
 Acq: 21 Apr 2015 19:03

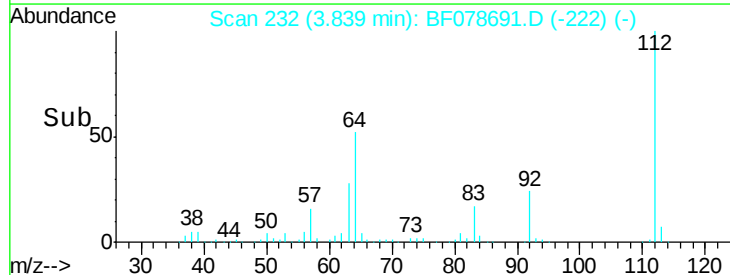
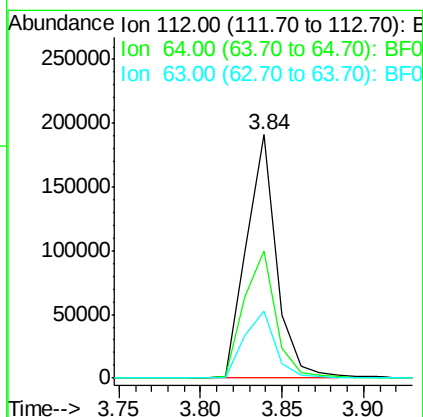
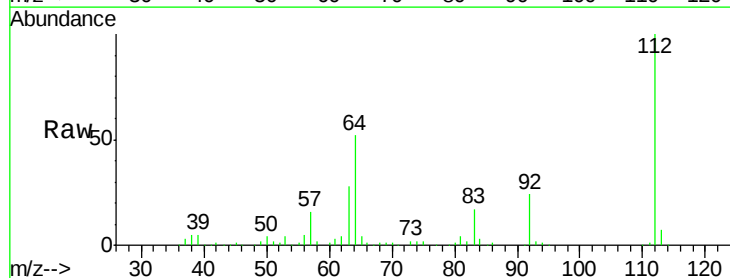
Instrument :
 BNA_F
 ClientSampleId :
 SB-67S

Tgt Ion:152 Resp: 35703
 Ion Ratio Lower Upper
 152 100
 150 164.3 125.9 188.9
 115 64.0 52.7 79.1



#5
 2-Fluorophenol
 Concen: 112.91 ng
 RT: 3.84 min Scan# 232
 Delta R.T. 0.01 min
 Lab File: BF078691.D
 Acq: 21 Apr 2015 19:03

Tgt Ion:112 Resp: 244508
 Ion Ratio Lower Upper
 112 100
 64 52.4 39.9 59.9
 63 27.5 20.2 30.4





#7

Phenol-d6

Concen: 113.53 ng

RT: 5.32 min Scan# 362

Delta R.T. -0.00 min

Lab File: BF078691.D

Acq: 21 Apr 2015 19:03

Instrument :

BNA_F

ClientSampleId :

SB-67S

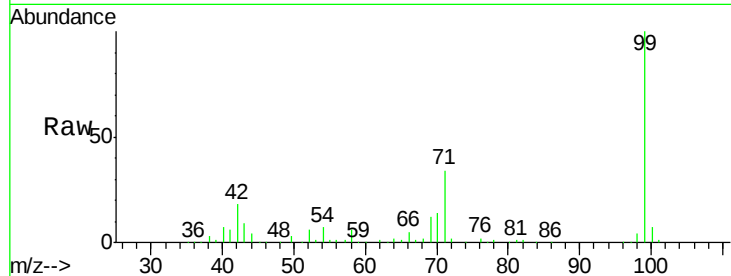
Tgt Ion: 99 Resp: 308100

Ion Ratio Lower Upper

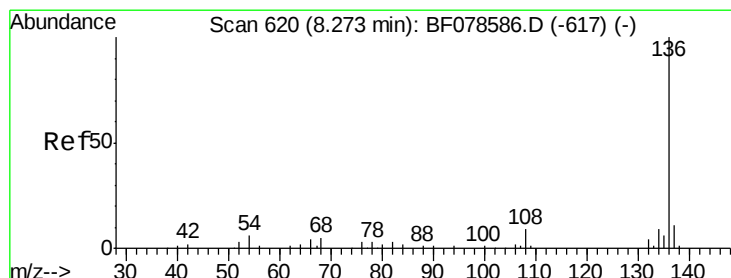
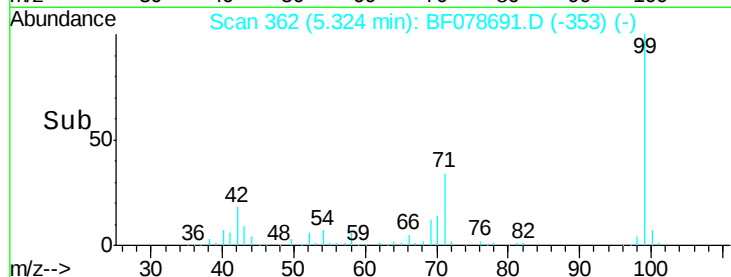
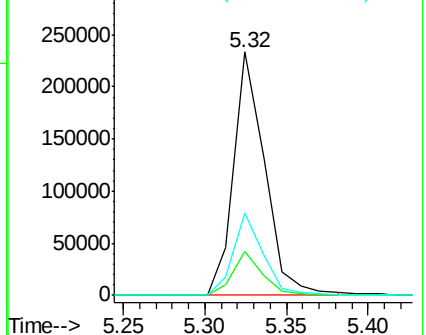
99 100

42 18.2 14.8 22.2

71 33.9 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: 7.98 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF078691.D

Acq: 21 Apr 2015 19:03

Tgt Ion: 136 Resp: 148563

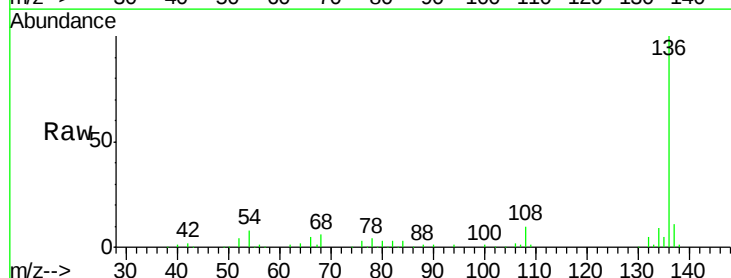
Ion Ratio Lower Upper

136 100

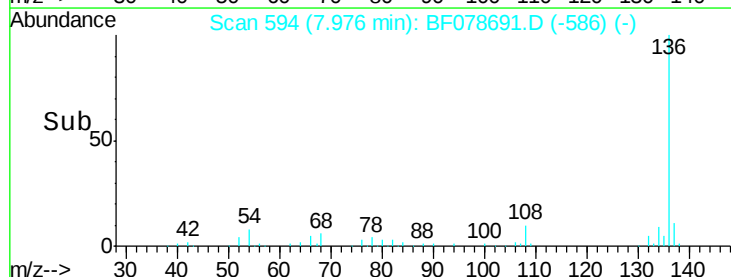
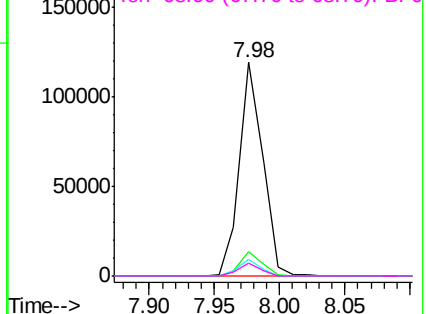
137 11.2 9.0 13.4

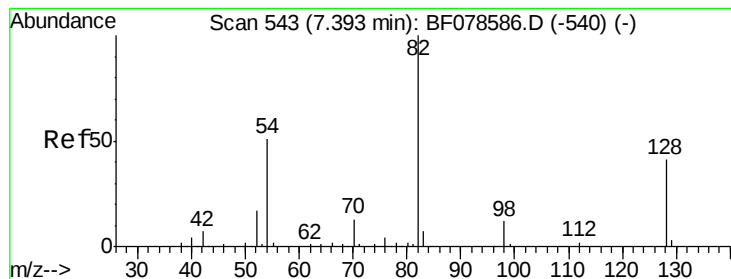
54 7.9 7.0 10.6

68 6.2 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: 75.00 ng

RT: 6.75 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF078691.D

Acq: 21 Apr 2015 19:03

Instrument :

BNA_F

ClientSampleId :

SB-67S

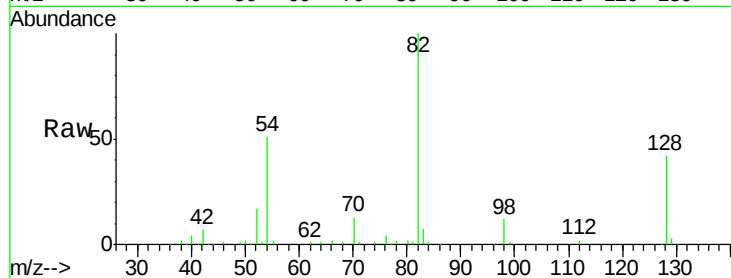
Tgt Ion: 82 Resp: 183819

Ion Ratio Lower Upper

82 100

128 42.1 31.8 47.8

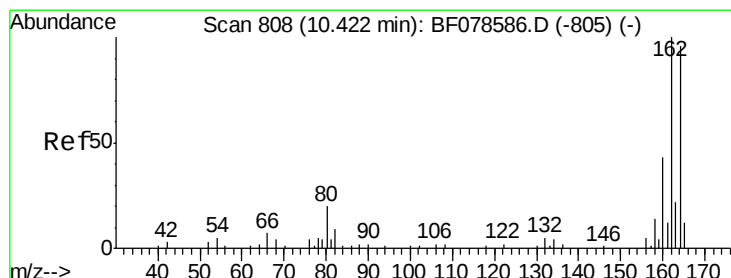
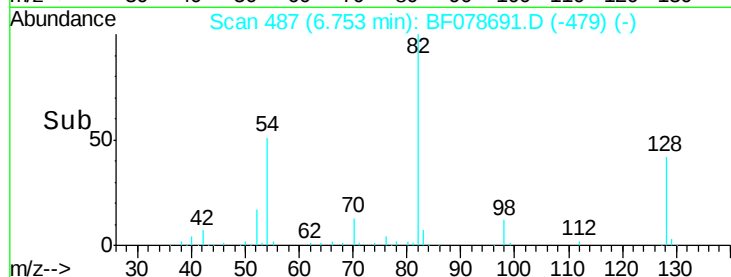
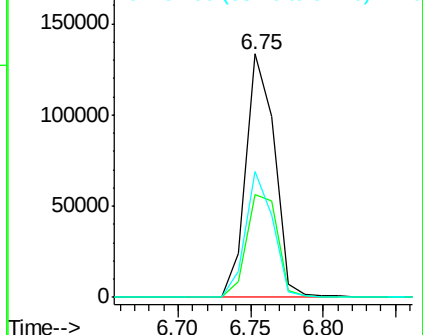
54 51.4 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF078586.D (-540) (-)

Ion 128.00 (127.70 to 128.70): BF078586.D (-540) (-)

Ion 54.00 (53.70 to 54.70): BF078586.D (-540) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF078691.D

Acq: 21 Apr 2015 19:03

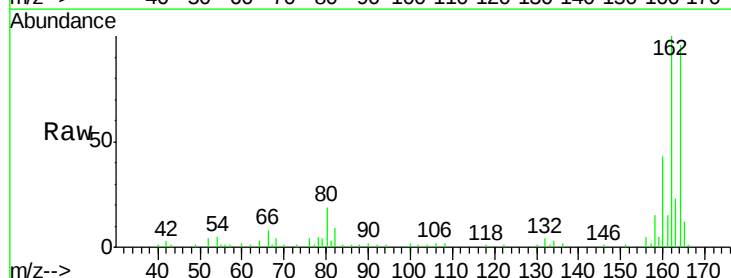
Tgt Ion: 164 Resp: 76448

Ion Ratio Lower Upper

164 100

162 104.0 82.2 123.2

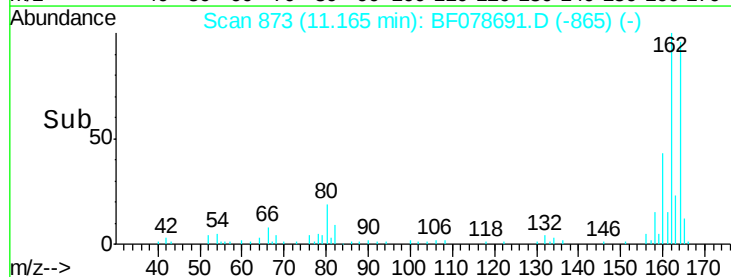
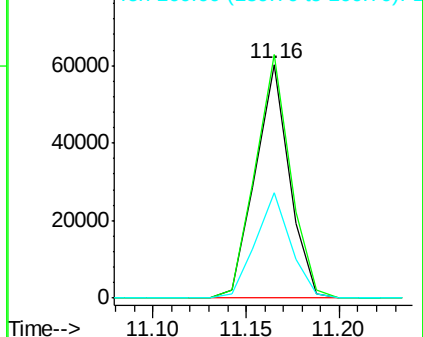
160 45.1 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BF078586.D (-805) (-)

Ion 162.00 (161.70 to 162.70): BF078586.D (-805) (-)

Ion 160.00 (159.70 to 160.70): BF078586.D (-805) (-)

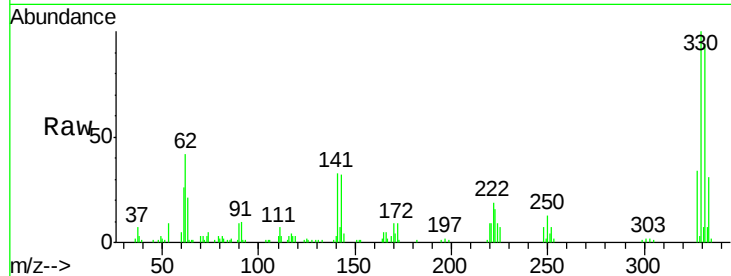




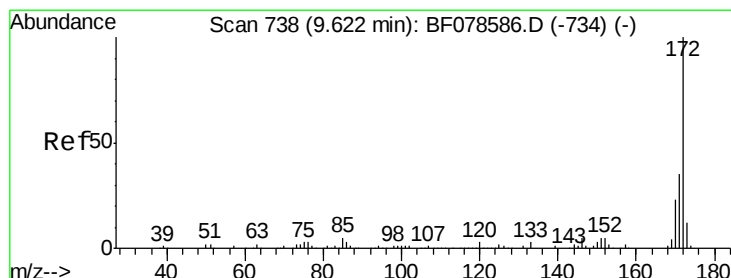
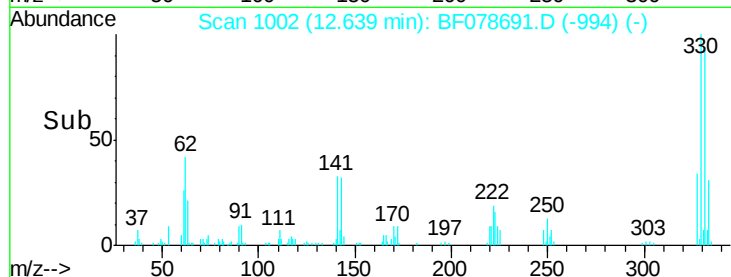
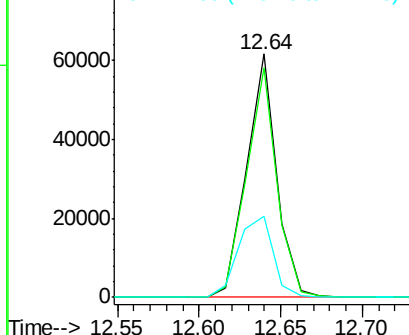
#41
 2,4,6-Tribromophenol
 Concen: 123.79 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF078691.D
 Acq: 21 Apr 2015 19:03

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Tgt Ion:330 Resp: 78484
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.6 117.8
 141 38.9 31.2 46.8

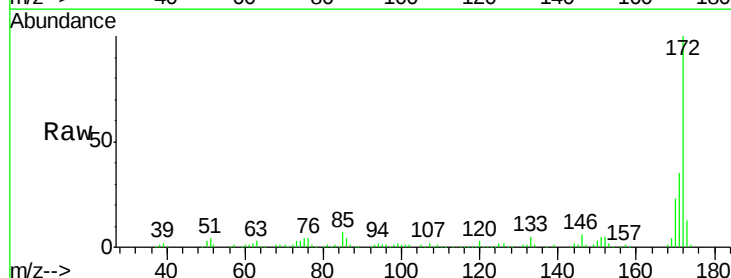


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

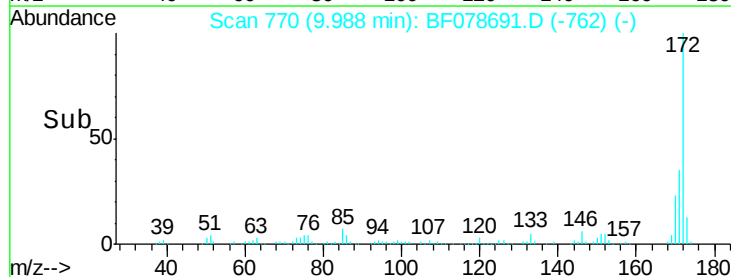
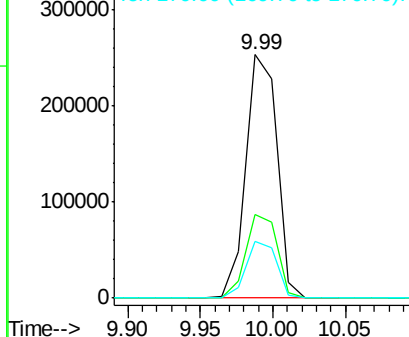


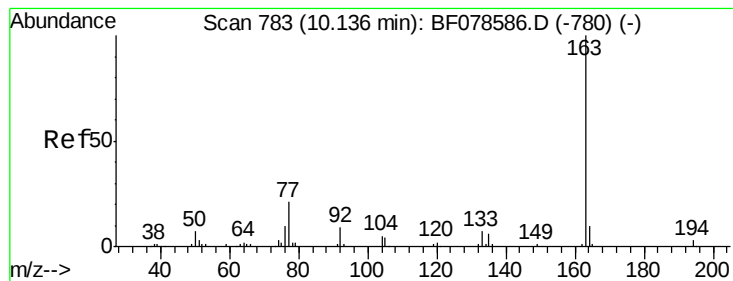
#44
 2-Fluorobiphenyl
 Concen: 70.46 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF078691.D
 Acq: 21 Apr 2015 19:03

Tgt Ion:172 Resp: 376840
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.6 42.8
 170 23.2 18.5 27.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.63 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF078691.D

Acq: 21 Apr 2015 19:03

Instrument :

BNA_F

ClientSampleId :

SB-67S

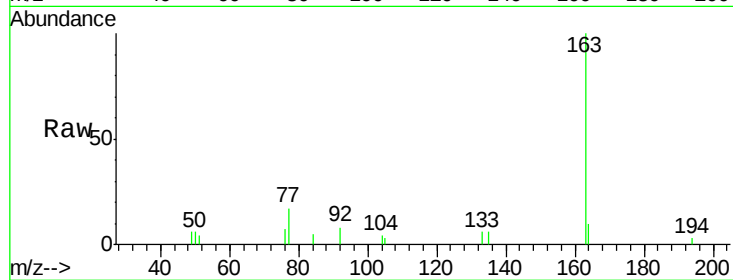
Tgt Ion:163 Resp: 15089

Ion Ratio Lower Upper

163 100

194 3.2 2.3 3.5

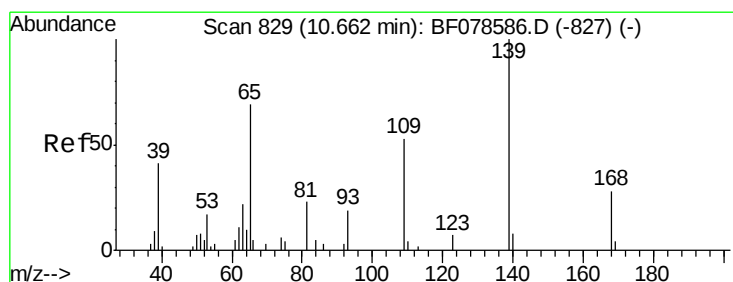
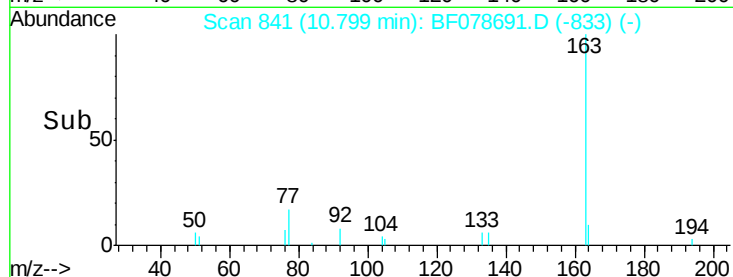
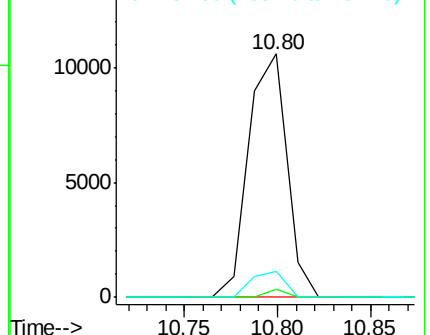
164 10.5 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#55

4-Nitrophenol

Concen: 3.05 ng

RT: 11.55 min Scan# 907

Delta R.T. -0.06 min

Lab File: BF078691.D

Acq: 21 Apr 2015 19:03

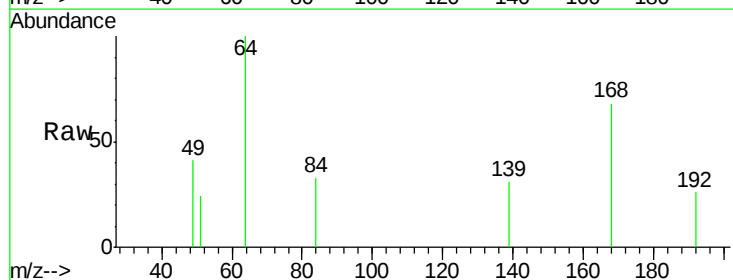
Tgt Ion:139 Resp: 290

Ion Ratio Lower Upper

139 100

109 0.0 36.7 76.7#

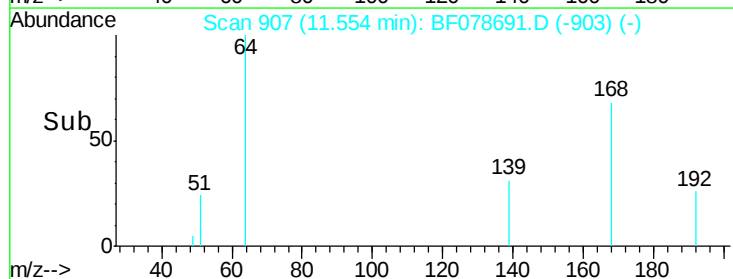
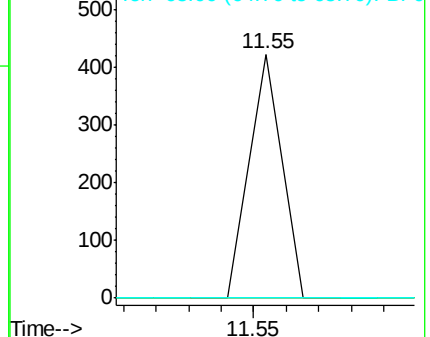
65 0.0 49.9 89.9#

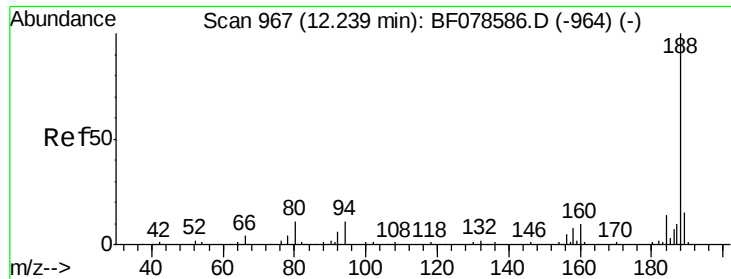


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

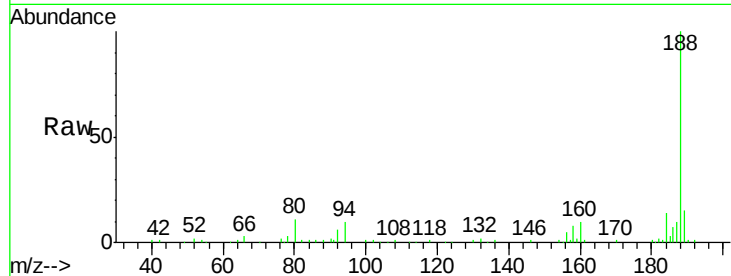




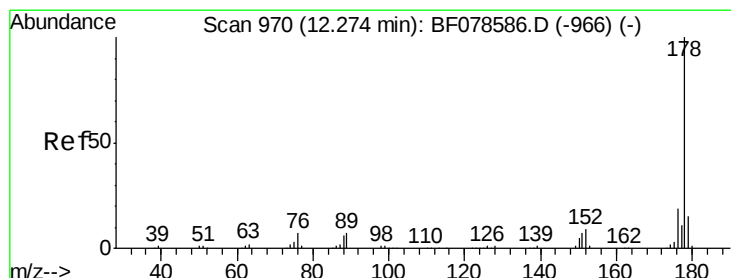
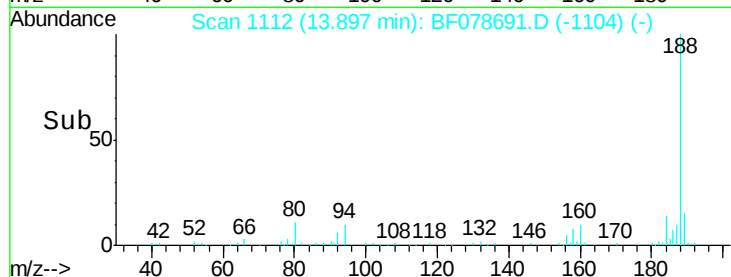
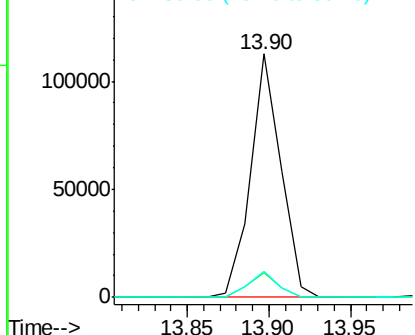
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.90 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Instrument :
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Tgt Ion:188 Resp: 145851
Ion Ratio Lower Upper
188 100
94 9.9 9.0 13.4
80 10.8 9.5 14.3

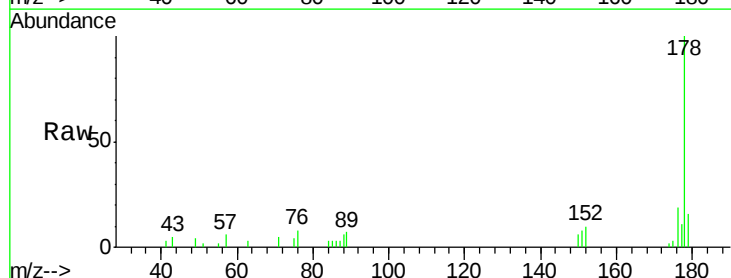


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

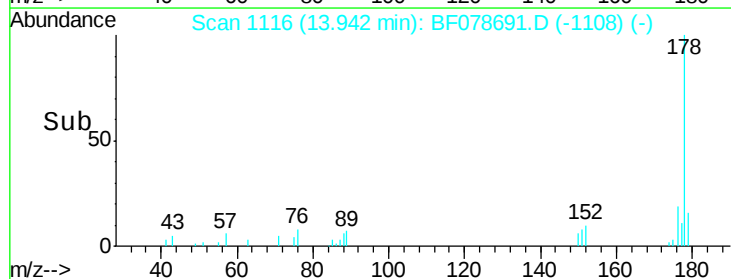
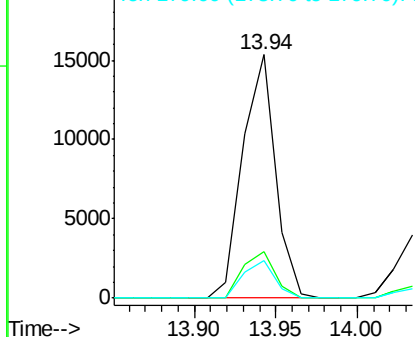


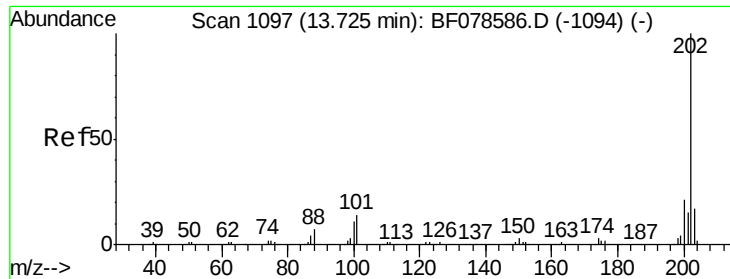
#70
Phenanthrene
Concen: 2.53 ng
RT: 13.94 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Tgt Ion:178 Resp: 21374
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.6 12.2 18.2



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

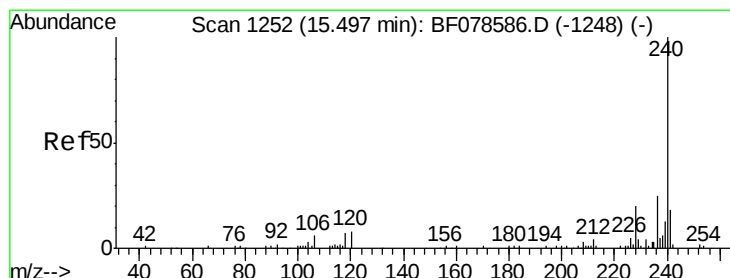
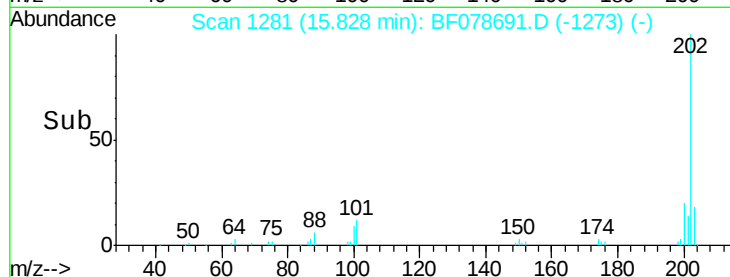
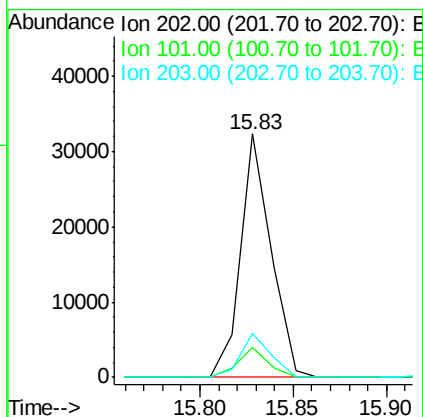
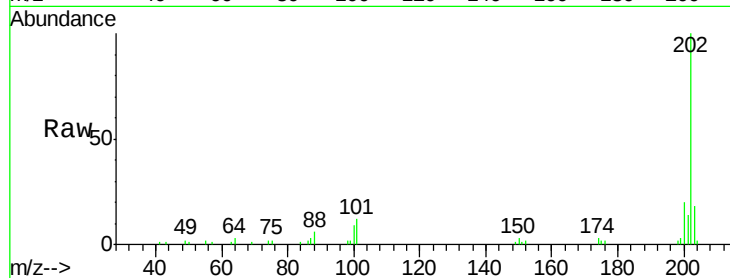




#74
 Fluoranthene
 Concen: 4.12 ng
 RT: 15.83 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF078691.D
 Acq: 21 Apr 2015 19:03

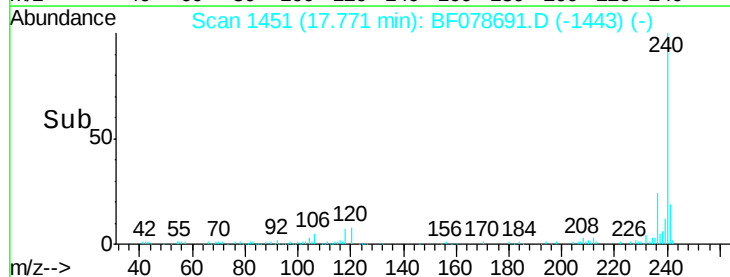
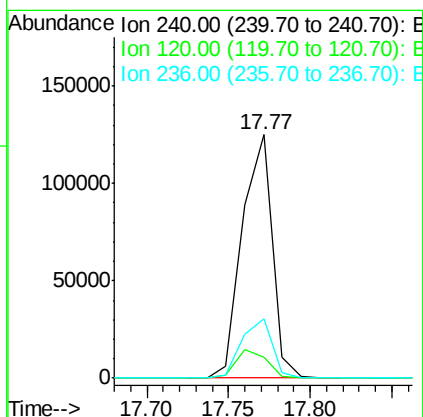
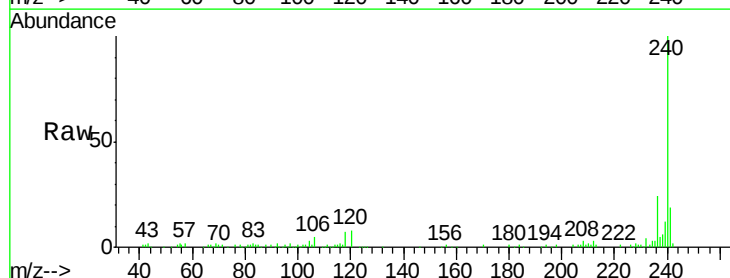
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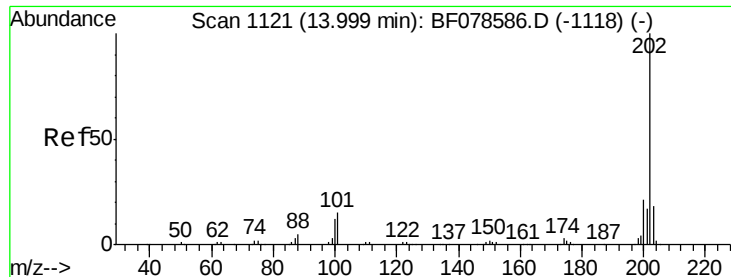
Tgt Ion: 202 Resp: 36621
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 35.2
 203 18.2 0.0 38.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF078691.D
 Acq: 21 Apr 2015 19:03

Tgt Ion: 240 Resp: 159616
 Ion Ratio Lower Upper
 240 100
 120 8.5 7.1 10.7
 236 24.5 21.4 32.2





#77

Pyrene

Concen: 3.45 ng

RT: 16.14 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF078691.D

Acq: 21 Apr 2015 19:03

Instrument :

BNA_F

ClientSampleId :

SB-67S

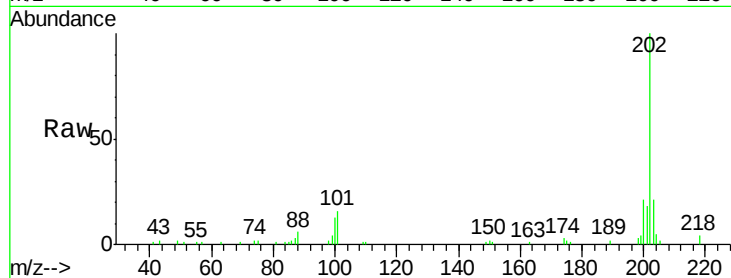
Tgt Ion:202 Resp: 34573

Ion Ratio Lower Upper

202 100

200 21.0 16.3 24.5

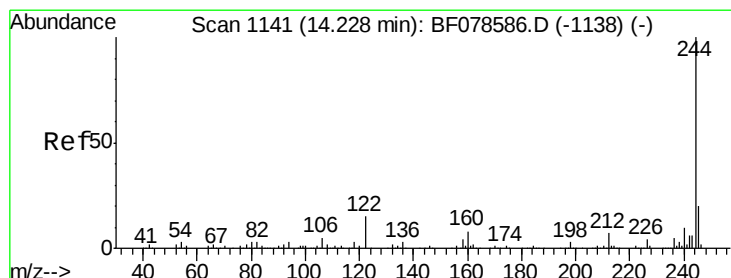
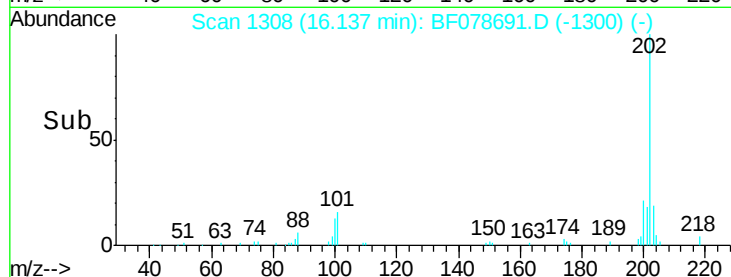
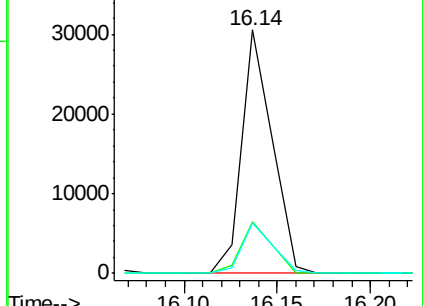
203 20.7 13.8 20.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 58.30 ng

RT: 16.43 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF078691.D

Acq: 21 Apr 2015 19:03

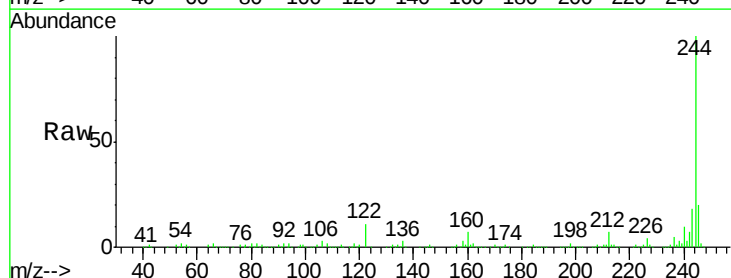
Tgt Ion:244 Resp: 411815

Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.4

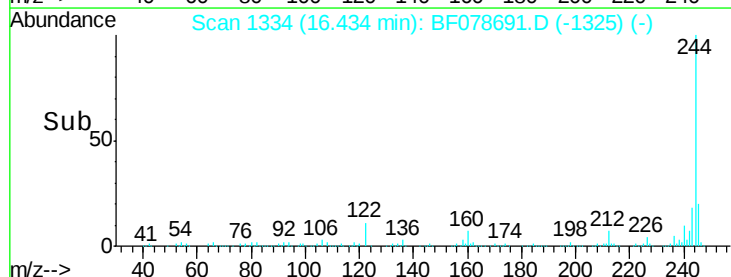
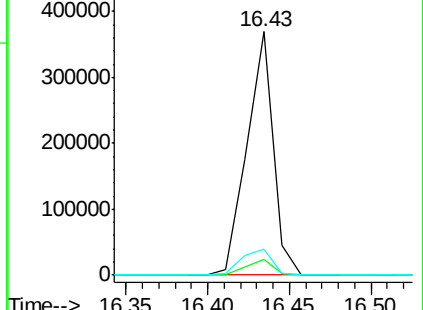
122 10.7 7.1 10.7

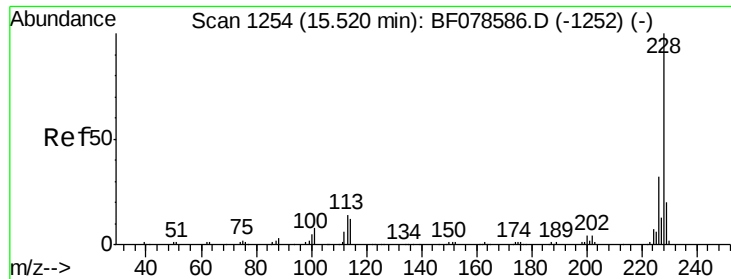


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#82

Chrysene

Concen: 2.10 ng

RT: 17.76 min Scan# 1450

Delta R.T. -0.05 min

Lab File: BF078691.D

Acq: 21 Apr 2015 19:03

Instrument :

BNA_F

ClientSampleId :

SB-67S

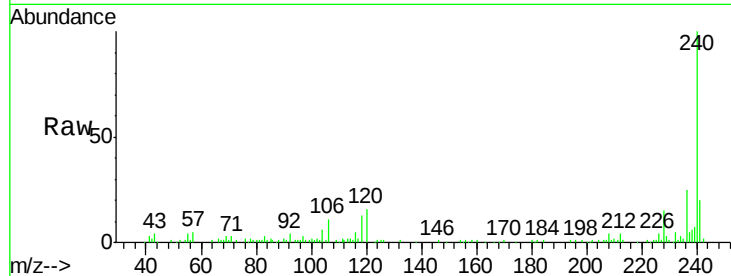
Tgt Ion:228 Resp: 18708

Ion Ratio Lower Upper

228 100

226 27.0 24.2 36.4

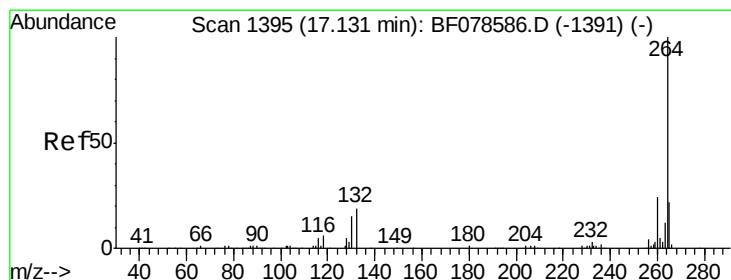
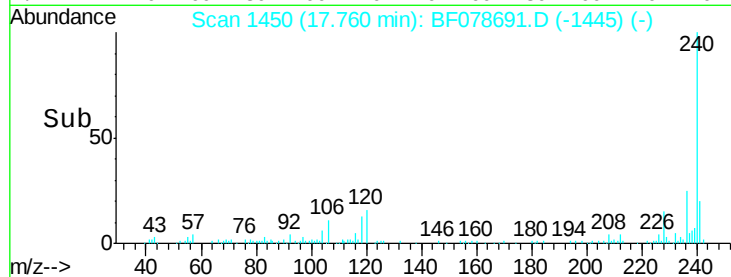
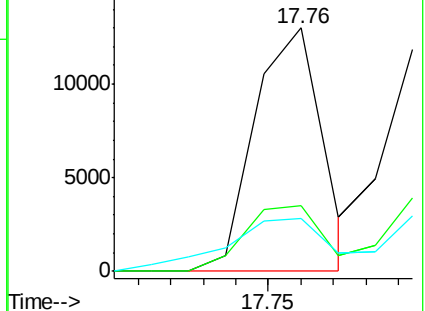
229 22.0 15.8 23.8



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 19.46 min Scan# 1599

Delta R.T. -0.02 min

Lab File: BF078691.D

Acq: 21 Apr 2015 19:03

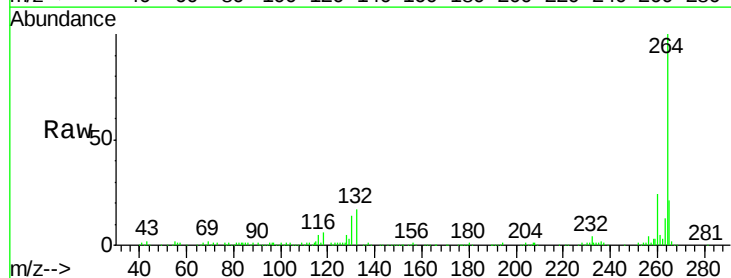
Tgt Ion:264 Resp: 156176

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 21.2 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

