

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015922.D
 Acq On : 26 Jan 2015 21:28
 Operator : TP/IZ
 Sample : G1159-08
 Misc : S
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-85(29-31)

Quant Time: Jan 27 02:32:21 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 20 17:47:40 2015
 Response via : Initial Calibration

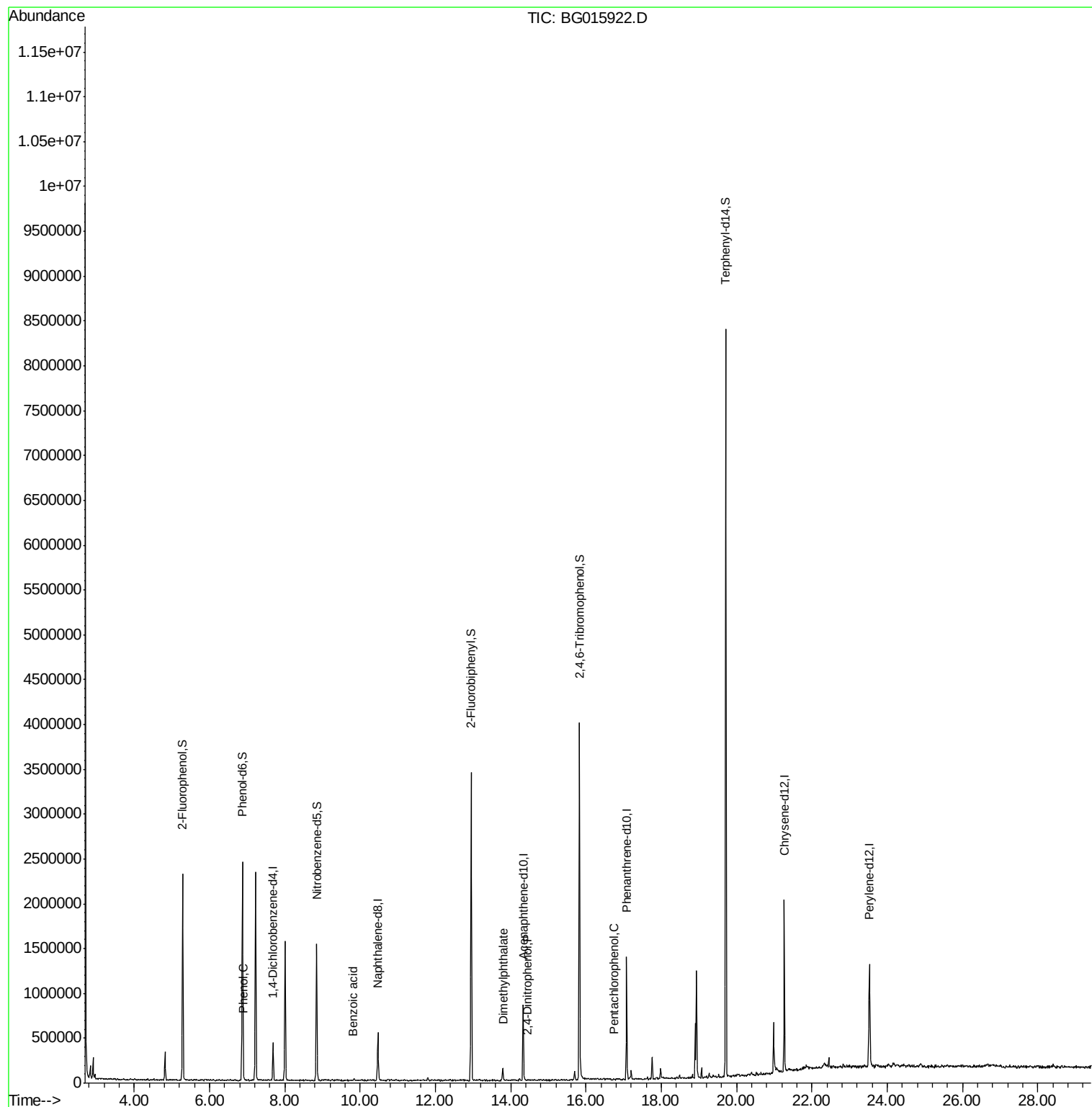
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	71038	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	308043	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	251977	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	704840	20.00	ng	0.00
75) Chrysene-d12	21.27	240	968162	20.00	ng	0.00
86) Perylene-d12	23.53	264	915653	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	727254	152.46	ng	0.00
7) Phenol-d6	6.87	99	1184389	154.07	ng	0.00
23) Nitrobenzene-d5	8.84	82	938951	87.86	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	639934	138.73	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1434325	89.31	ng	0.00
78) Terphenyl-d14	19.71	244	2994869	89.84	ng	0.00
Target Compounds						
10) Phenol	6.90	94	38457	4.39	ng	Qvalue 89
32) Benzoic acid	9.79	122	213	10.41	ng	# 6
49) Dimethylphthalate	13.79	163	69316	3.82	ng	# 92
53) 2,4-Dinitrophenol	14.44	184	836	4.90	ng	# 10
69) Pentachlorophenol	16.74	266	246	5.28	ng	# 17
80) Benzo(a)anthracene	21.26	228	3494	Below Cal		# 90

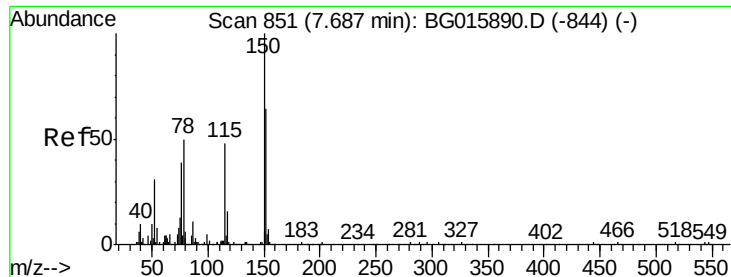
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG015922.D

Acq: 26 Jan 2015 21:28

Instrument :

BNA_G

ClientSampleId :

SB-85(29-31)

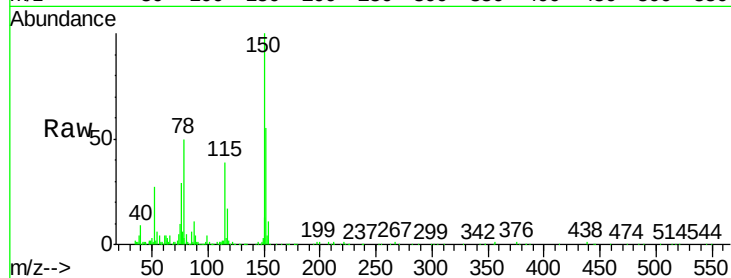
Tgt Ion:152 Resp: 71038

Ion Ratio Lower Upper

152 100

150 182.7 124.5 186.7

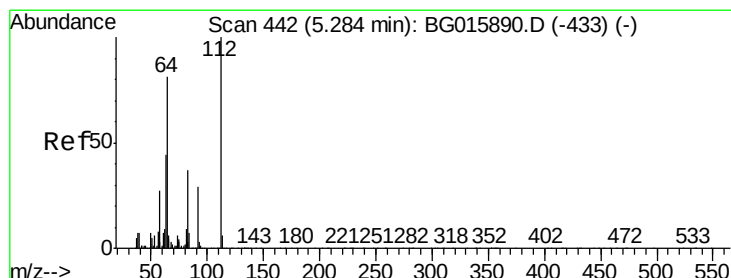
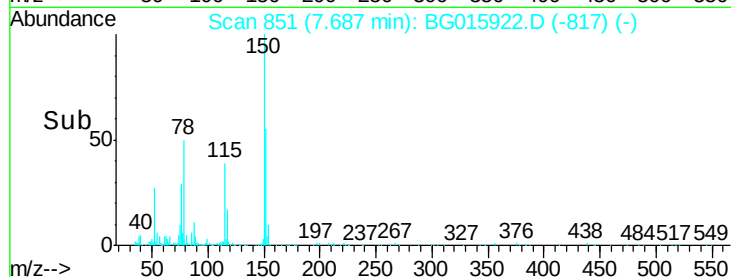
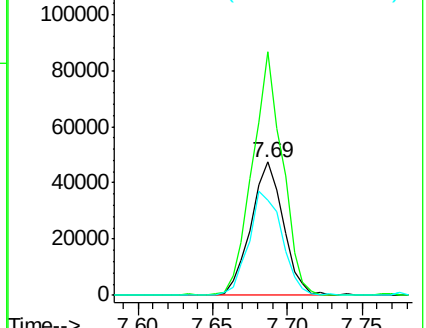
115 71.6 60.4 90.6



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: 152.46 ng

RT: 5.28 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG015922.D

Acq: 26 Jan 2015 21:28

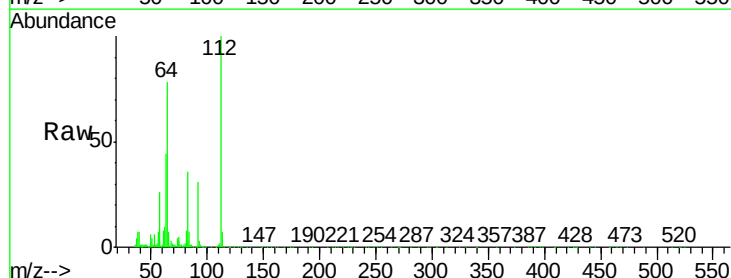
Tgt Ion:112 Resp: 727254

Ion Ratio Lower Upper

112 100

64 78.0 64.4 96.6

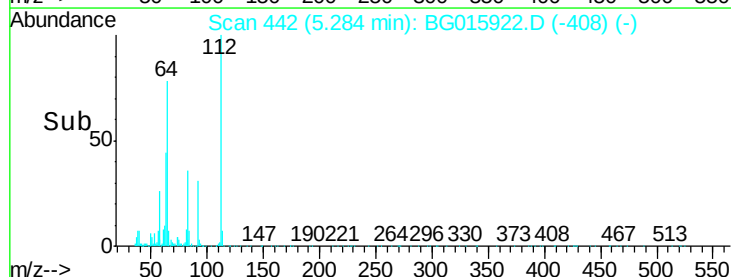
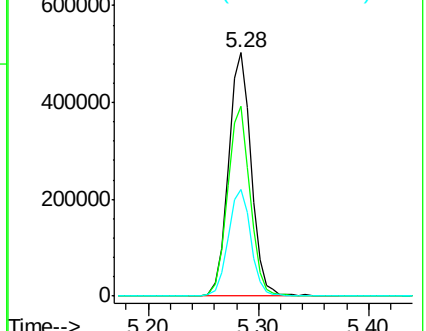
63 43.9 35.1 52.7

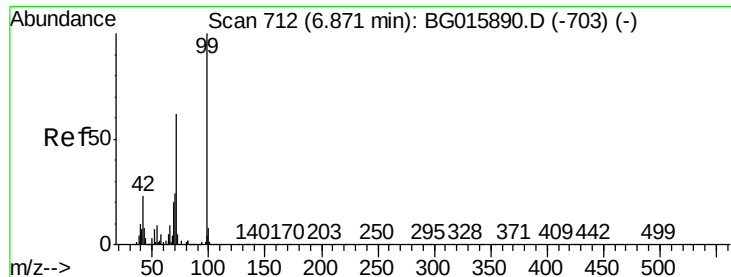


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 154.07 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG015922.D

Acq: 26 Jan 2015 21:28

Instrument :

BNA_G

ClientSampleId :

SB-85(29-31)

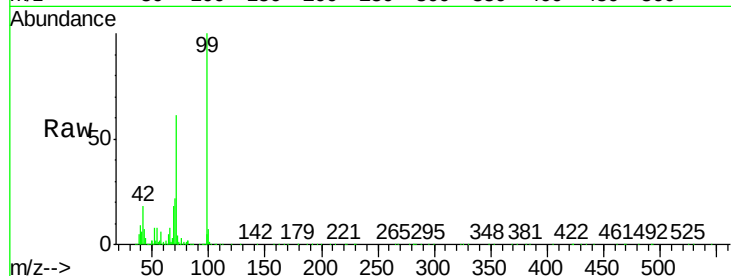
Tgt Ion: 99 Resp: 1184389

Ion Ratio Lower Upper

99 100

42 18.3 18.1 27.1

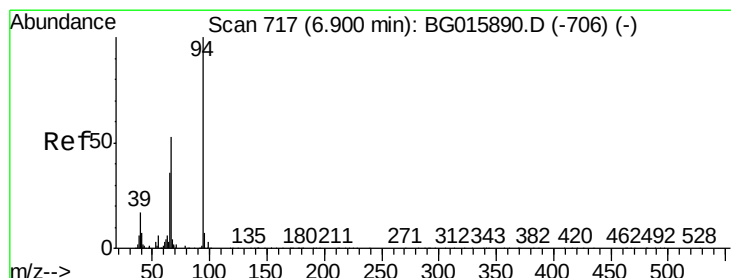
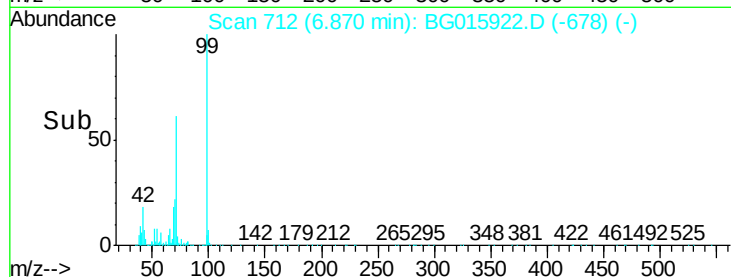
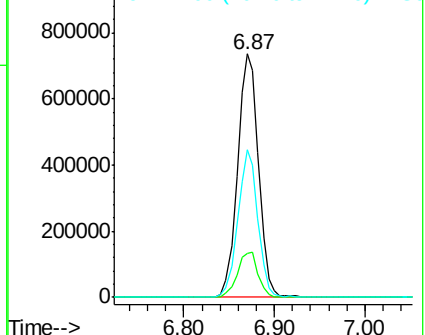
71 60.8 49.8 74.8



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 4.39 ng

RT: 6.90 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG015922.D

Acq: 26 Jan 2015 21:28

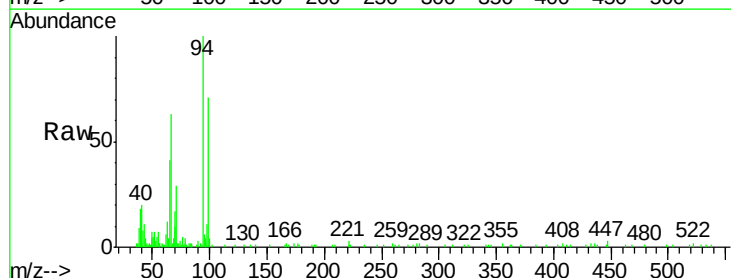
Tgt Ion: 94 Resp: 38457

Ion Ratio Lower Upper

94 100

65 41.5 16.5 56.5

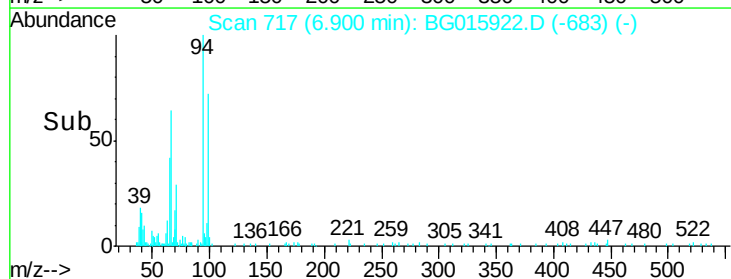
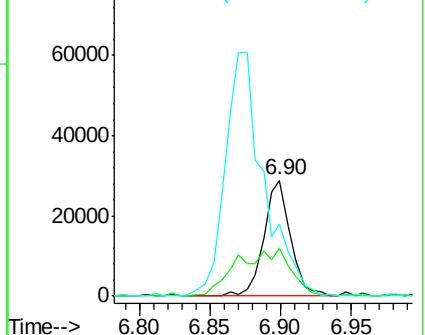
66 62.6 33.3 73.3

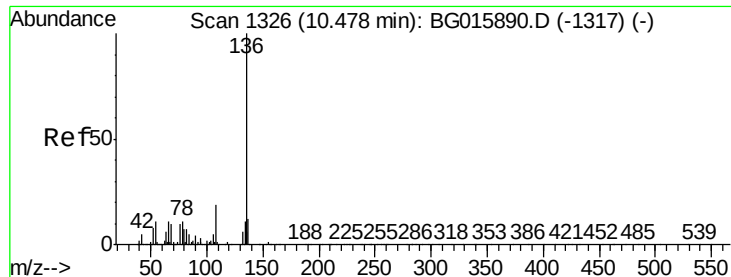


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

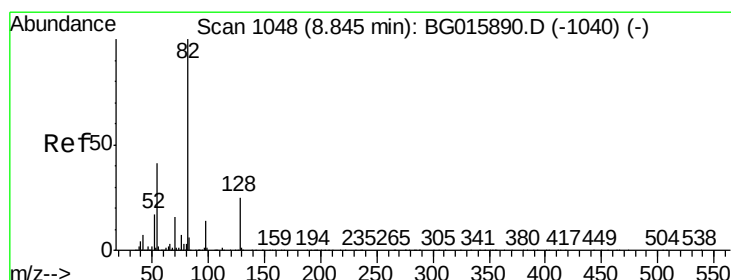
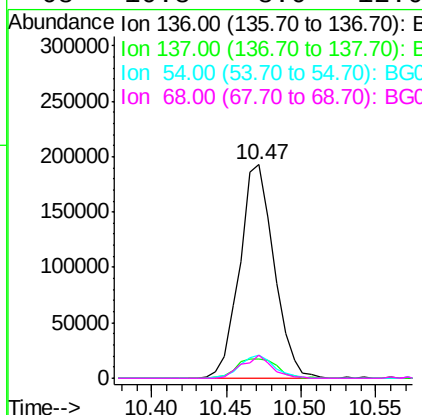
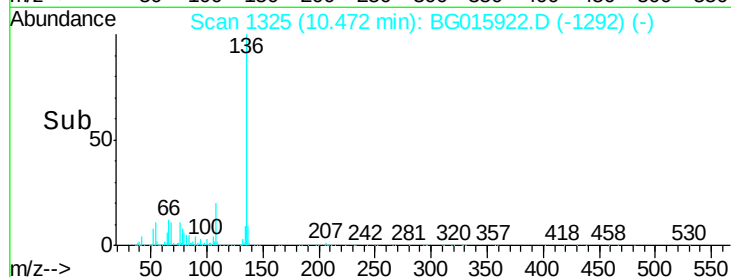
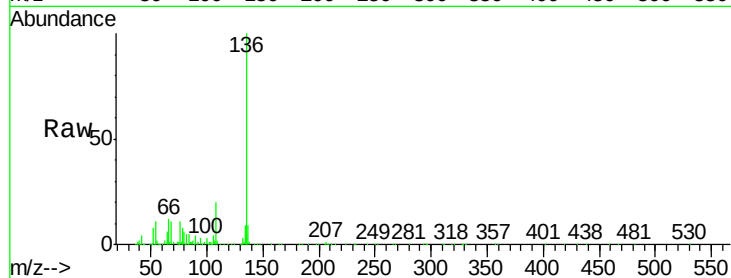




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG015922.D
Acq: 26 Jan 2015 21:28

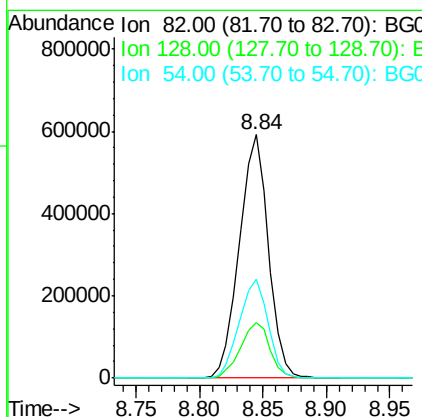
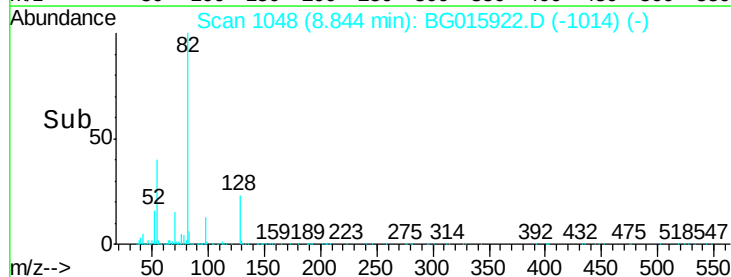
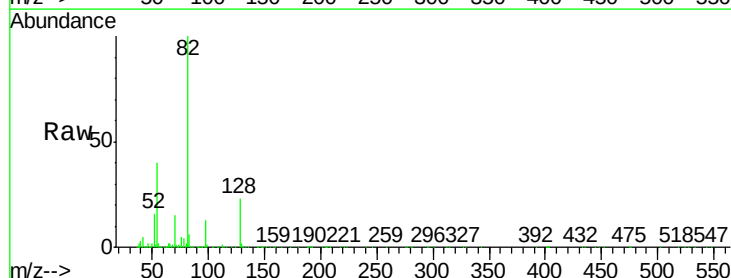
Instrument :
BNA_G
ClientSampleId :
SB-85(29-31)

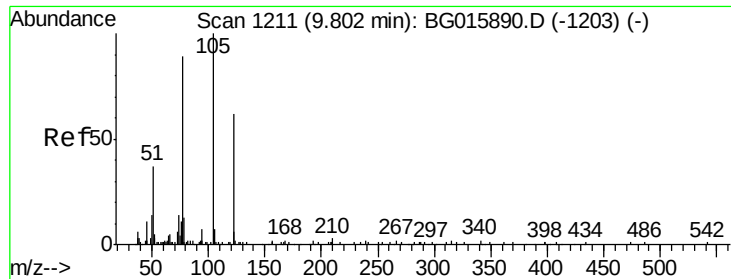
Tgt Ion:	136	Resp:	308043
Ion	Ratio	Lower	Upper
136	100		
137	9.3	9.7	14.5#
54	11.0	8.5	12.7
68	10.8	8.0	12.0



#23
Nitrobenzene-d5
Concen: 87.86 ng
RT: 8.84 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG015922.D
Acq: 26 Jan 2015 21:28

Tgt Ion:	82	Resp:	938951
Ion	Ratio	Lower	Upper
82	100		
128	22.6	19.8	29.8
54	40.5	33.0	49.4





#32

Benzoic acid

Concen: 10.41 ng

RT: 9.79 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BG015922.D

Acq: 26 Jan 2015 21:28

Instrument :

BNA_G

ClientSampleId :

SB-85(29-31)

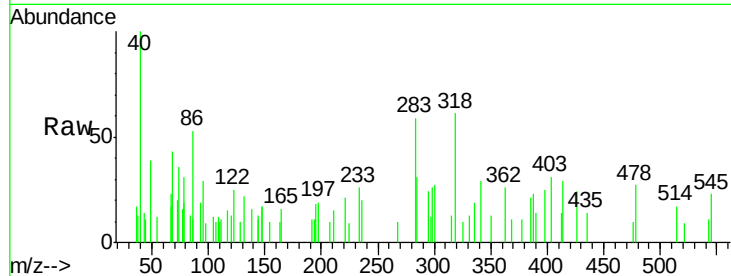
Tgt Ion:122 Resp: 213

Ion Ratio Lower Upper

122 100

105 0.0 140.2 180.2#

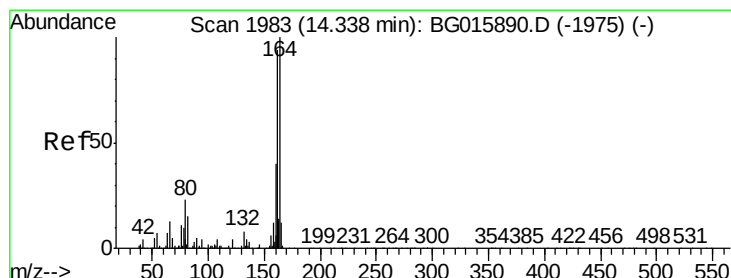
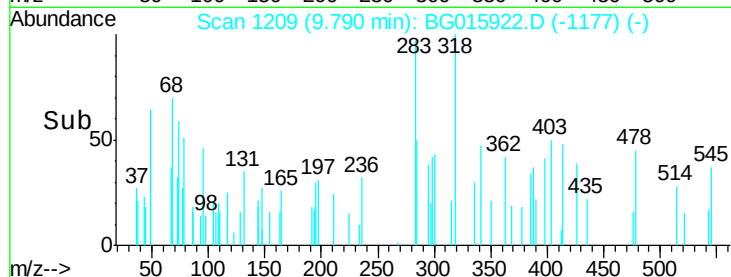
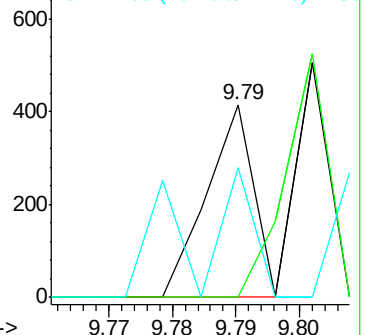
77 67.3 126.4 166.4#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG015922.D

Acq: 26 Jan 2015 21:28

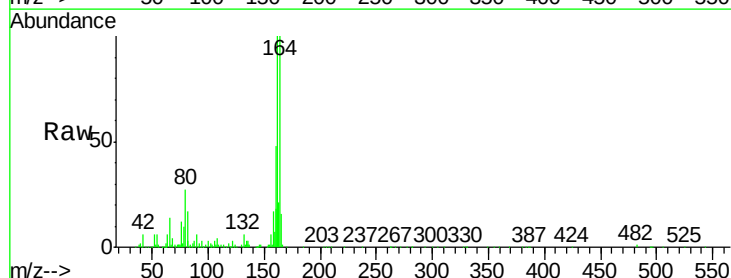
Tgt Ion:164 Resp: 251977

Ion Ratio Lower Upper

164 100

162 100.4 75.1 112.7

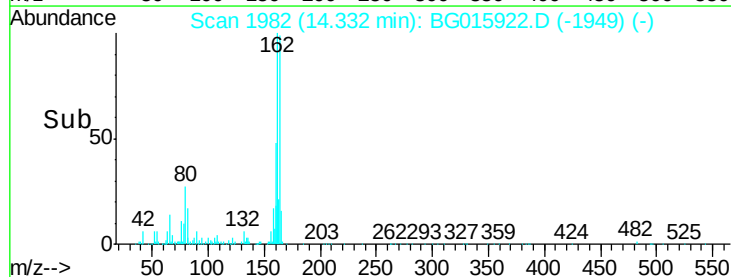
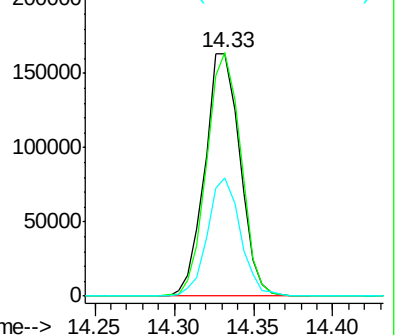
160 48.5 32.3 48.5#

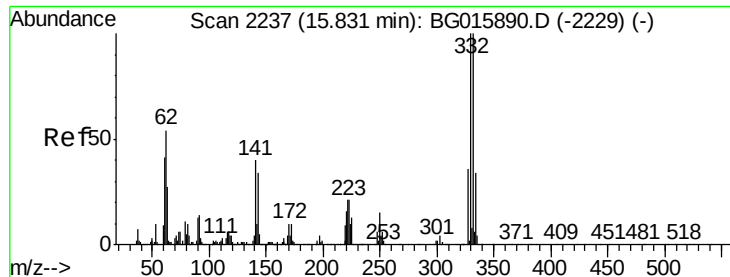


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

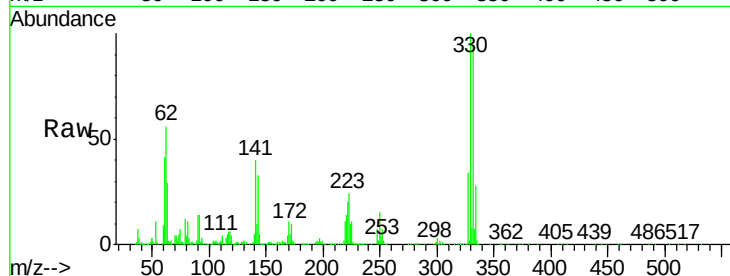




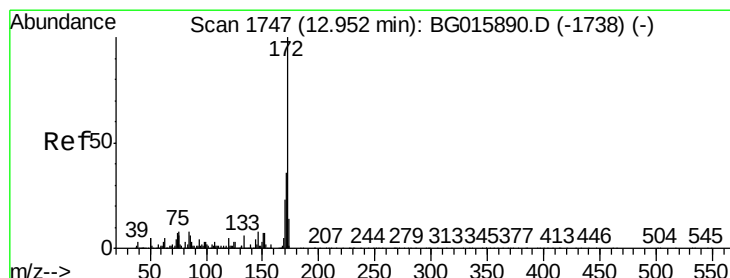
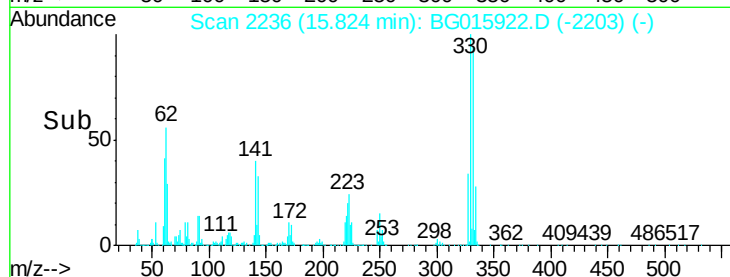
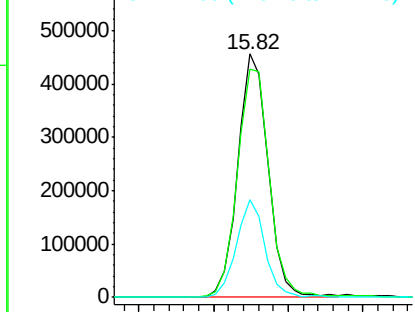
#41
2,4,6-Tribromophenol
Concen: 138.73 ng
RT: 15.82 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BG015922.D
Acq: 26 Jan 2015 21:28

Instrument :
BNA_G
ClientSampleId :
SB-85(29-31)

Tgt Ion:330 Resp: 639934
Ion Ratio Lower Upper
330 100
332 99.2 75.4 113.0
141 38.4 33.0 49.6

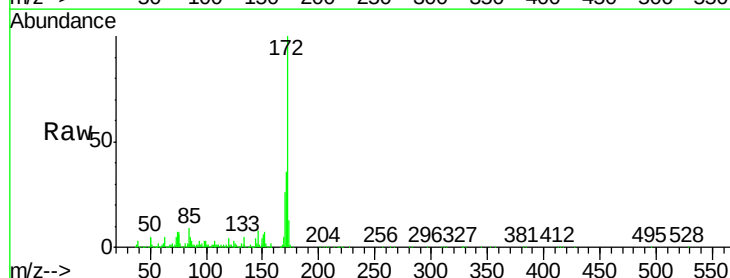


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

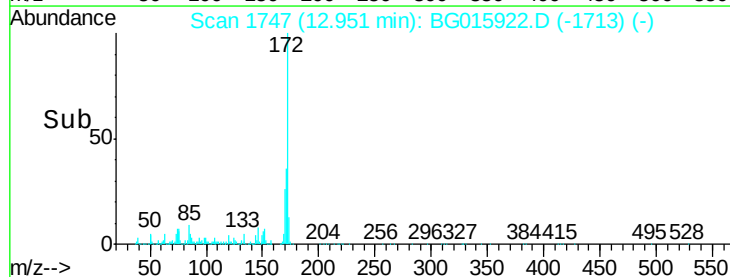
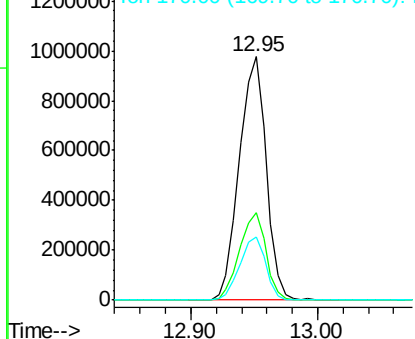


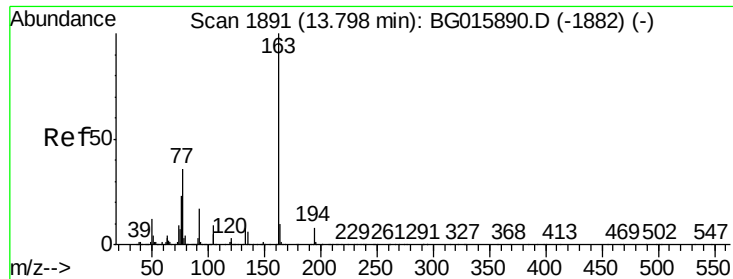
#44
2-Fluorobiphenyl
Concen: 89.31 ng
RT: 12.95 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG015922.D
Acq: 26 Jan 2015 21:28

Tgt Ion:172 Resp: 1434325
Ion Ratio Lower Upper
172 100
171 35.7 29.2 43.8
170 25.7 18.6 27.8



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: 3.82 ng

RT: 13.79 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG015922.D

Acq: 26 Jan 2015 21:28

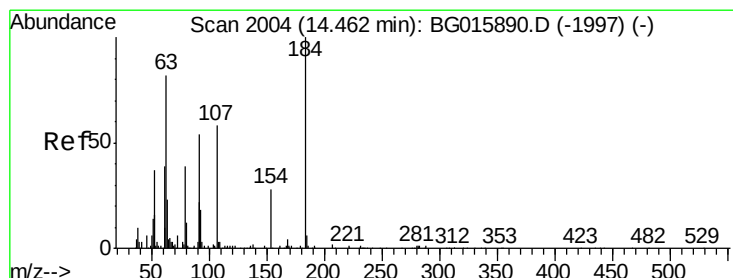
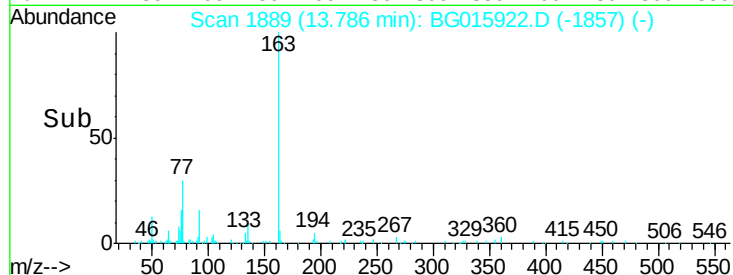
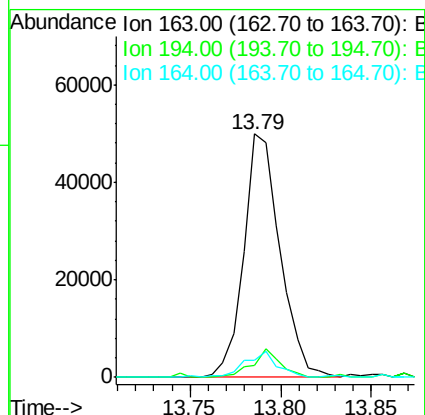
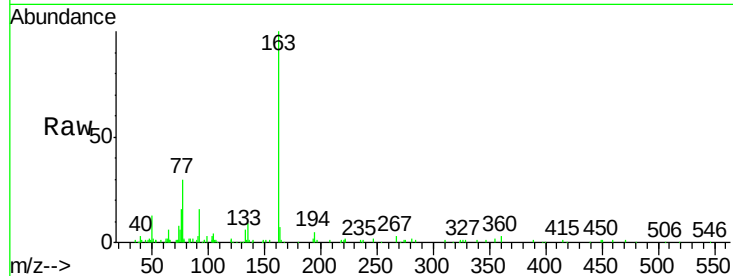
Instrument :

BNA_G

ClientSampleId :

SB-85(29-31)

Tgt Ion:	163	Resp:	69316
Ion Ratio	Lower	Upper	
163	100		
194	5.0	6.2	9.4#
164	6.8	8.0	12.0#



#53

2,4-Dinitrophenol

Concen: 4.90 ng

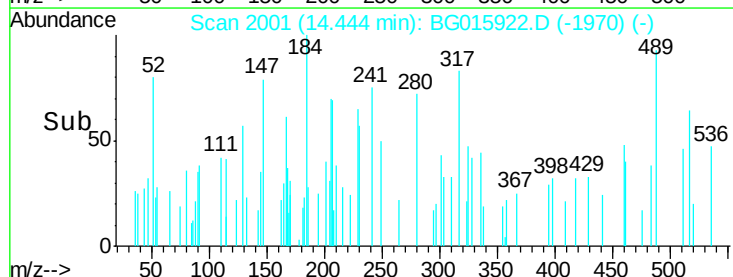
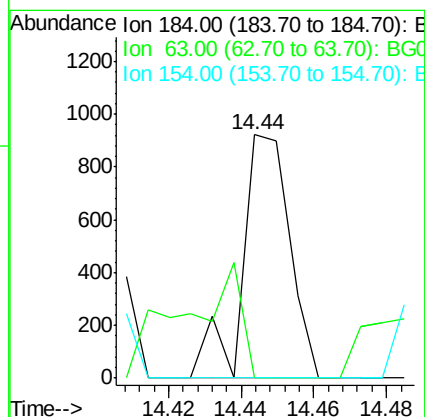
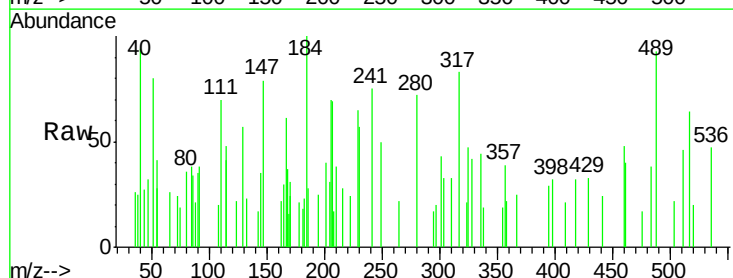
RT: 14.44 min Scan# 2001

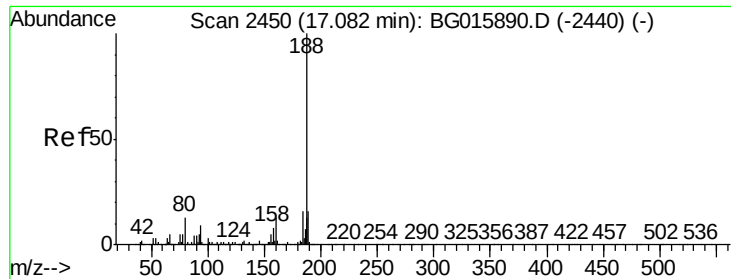
Delta R.T. -0.02 min

Lab File: BG015922.D

Acq: 26 Jan 2015 21:28

Tgt Ion:	184	Resp:	836
Ion Ratio	Lower	Upper	
184	100		
63	0.0	68.6	103.0#
154	0.0	54.9	82.3#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG015922.D

Acq: 26 Jan 2015 21:28

Instrument :

BNA_G

ClientSampleId :

SB-85(29-31)

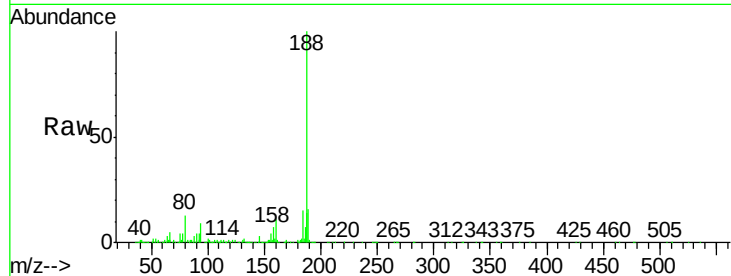
Tgt Ion:188 Resp: 704840

Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.8

80 13.1 10.6 16.0

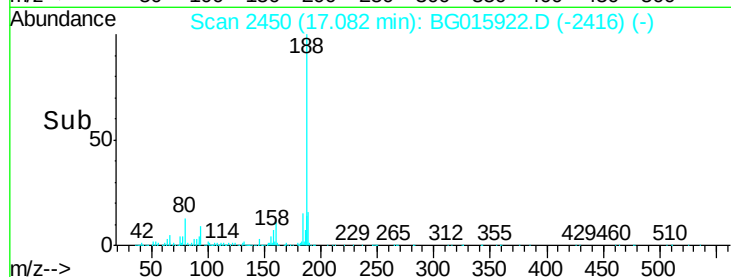


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG015922.D (-2416) (-)

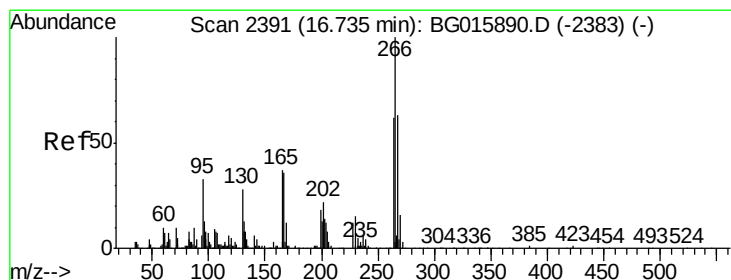
Ion 80.00 (79.70 to 80.70): BG015922.D (-2416) (-)

Time-->



17.08

Time-->



#69

Pentachlorophenol

Concen: 5.28 ng

RT: 16.74 min Scan# 2391

Delta R.T. 0.00 min

Lab File: BG015922.D

Acq: 26 Jan 2015 21:28

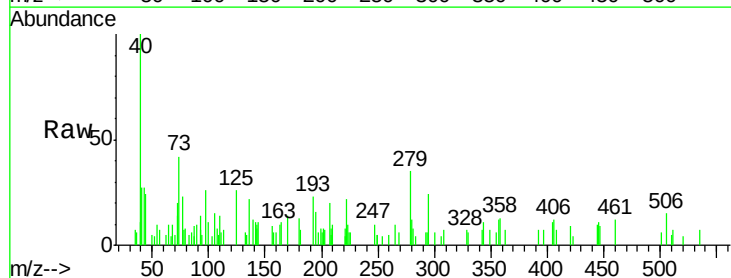
Tgt Ion:266 Resp: 246

Ion Ratio Lower Upper

266 100

268 0.0 53.5 80.3#

264 0.0 51.9 77.9#

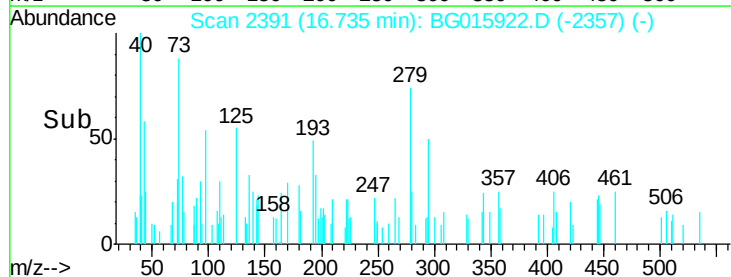


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

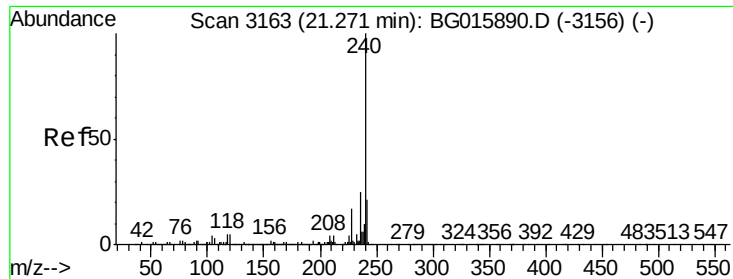
Ion 264.00 (263.70 to 264.70): E

Time-->



16.74

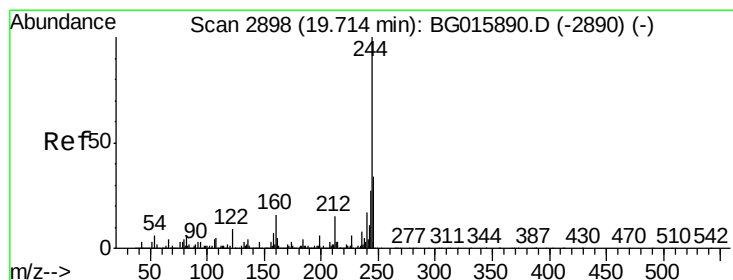
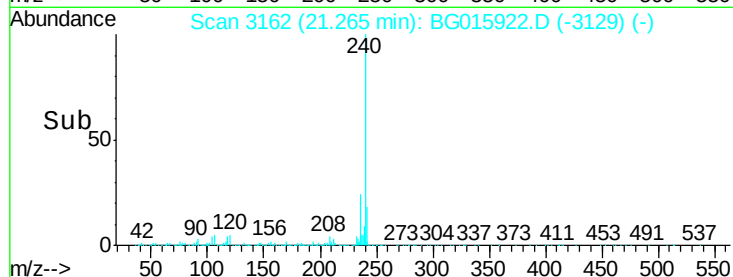
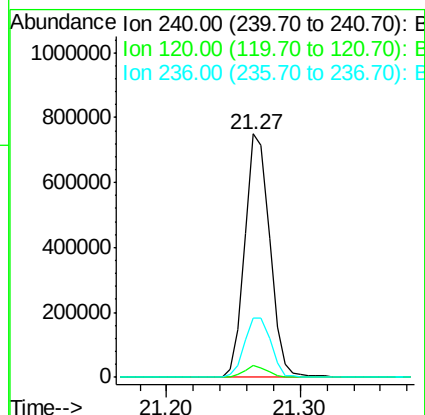
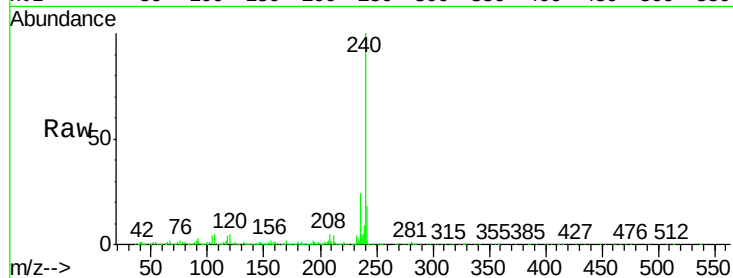
Time-->



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG015922.D
Acq: 26 Jan 2015 21:28

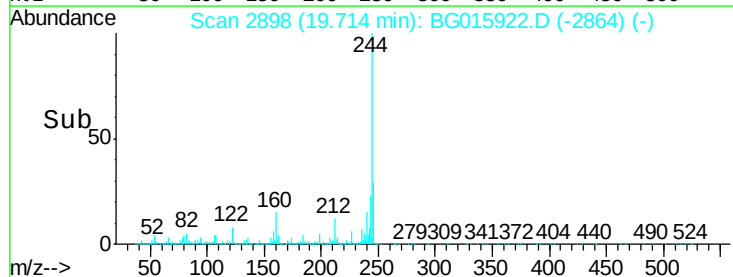
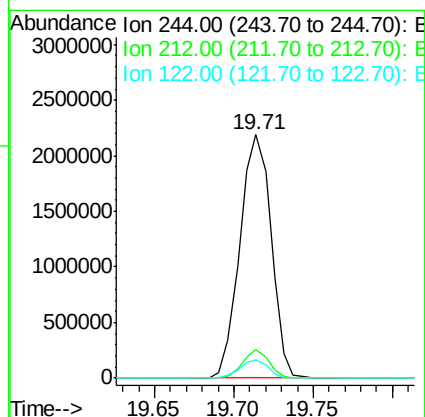
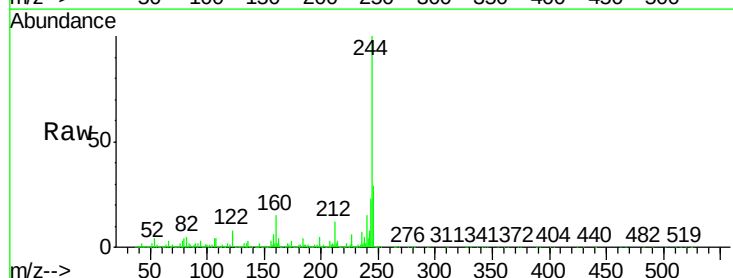
Instrument :
BNA_G
ClientSampleId :
SB-85(29-31)

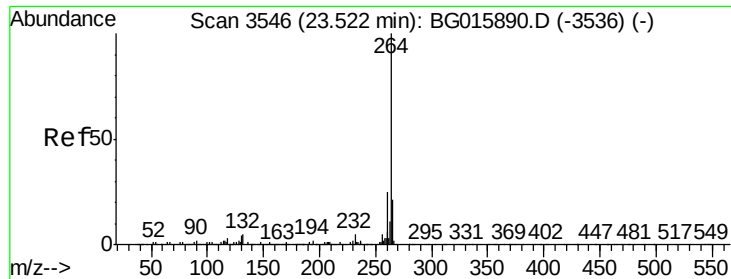
Tgt Ion:240 Resp: 968162
Ion Ratio Lower Upper
240 100
120 5.1 3.9 5.9
236 24.4 20.0 30.0



#78
Terphenyl-d14
Concen: 89.84 ng
RT: 19.71 min Scan# 2898
Delta R.T. -0.00 min
Lab File: BG015922.D
Acq: 26 Jan 2015 21:28

Tgt Ion:244 Resp: 2994869
Ion Ratio Lower Upper
244 100
212 11.8 11.6 17.4
122 7.5 7.0 10.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.53 min Scan# 3547
Delta R.T. 0.01 min
Lab File: BG015922.D
Acq: 26 Jan 2015 21:28

Instrument :
BNA_G
ClientSampleId :
SB-85(29-31)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.7	29.5
265	22.8	17.3	25.9

