

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062816\
 Data File : BG022692.D
 Acq On : 29 Jun 2016 1:46
 Operator : UM/SJ
 Sample : H3769-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)

Quant Time: Jun 29 04:01:28 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

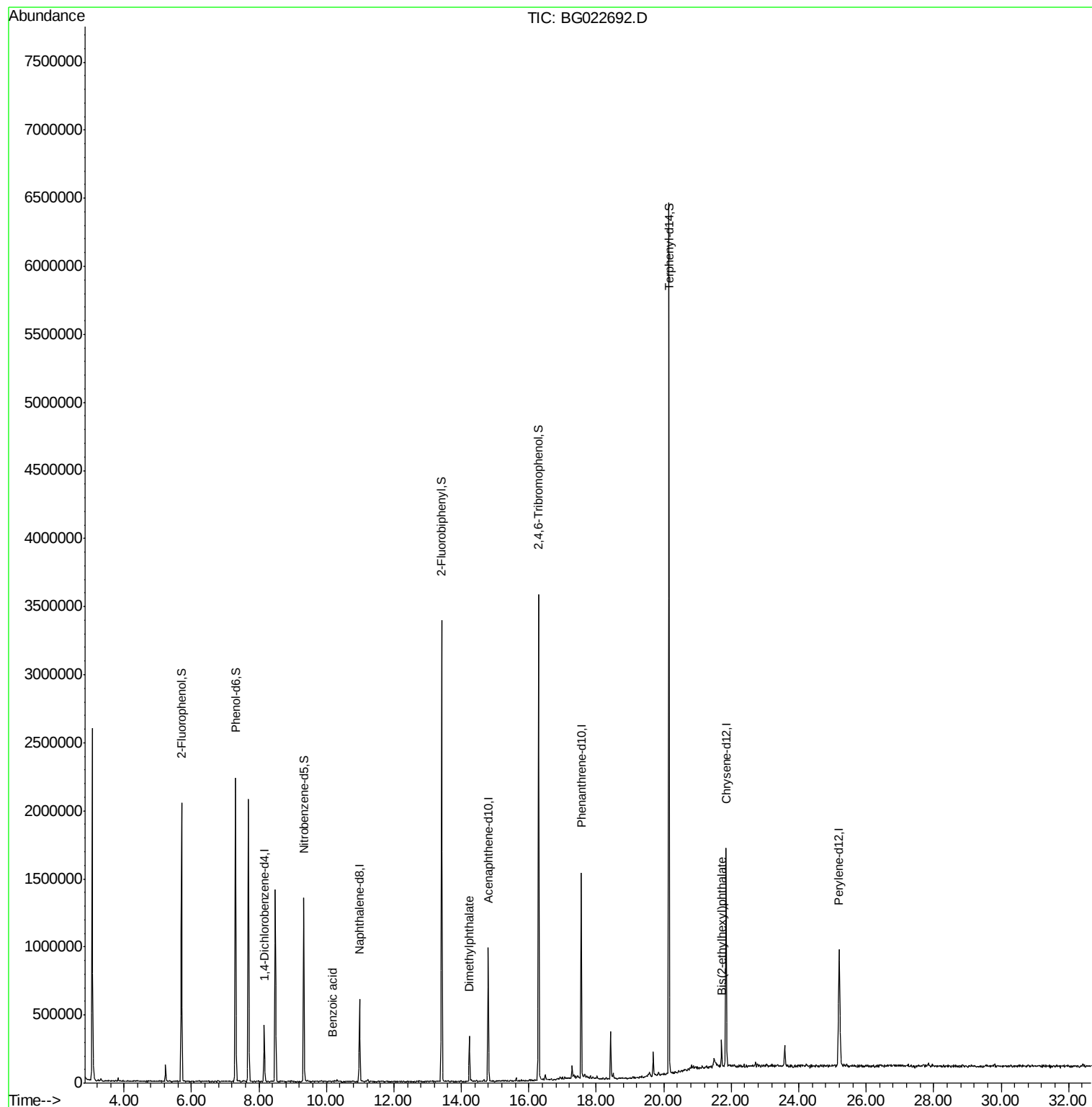
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	109622	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	472935	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	346186	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	908013	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1038426	20.00	ng	0.00
86) Perylene-d12	25.20	264	1029429	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	827306	121.05	ng	0.00
7) Phenol-d6	7.31	99	1257196	130.50	ng	0.00
23) Nitrobenzene-d5	9.33	82	865329	77.44	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	707050	129.85	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1643204	75.28	ng	0.00
78) Terphenyl-d14	20.16	244	2590359	66.09	ng	0.00
Target Compounds						
32) Benzoic acid	10.19	122	87	5.13	ng	# 1
49) Dimethylphthalate	14.24	163	214083	7.45	ng	98
83) Bis(2-ethylhexyl)phthalate	21.71	149	84150	2.50	ng	# 95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022692.D

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Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)

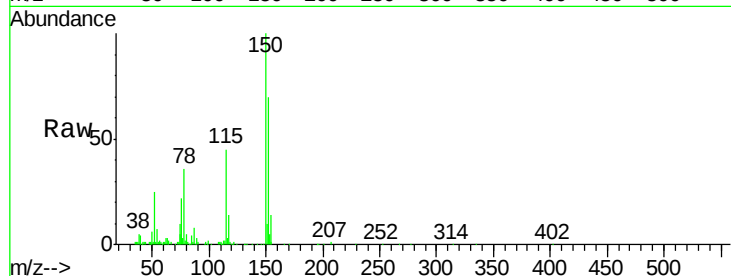
Tgt Ion:152 Resp: 109622

Ion Ratio Lower Upper

152 100

150 143.0 144.7 217.1#

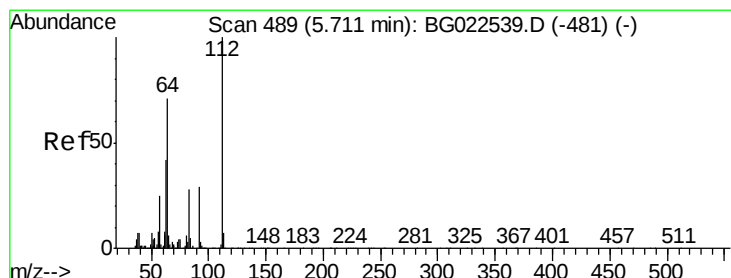
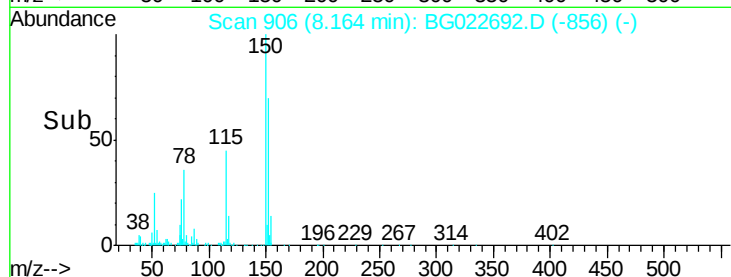
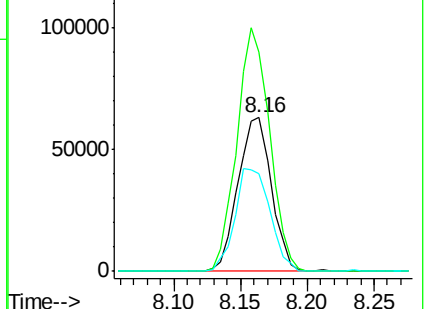
115 63.9 64.0 96.0#



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: 121.05 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG022692.D

Acq: 29 Jun 2016 1:46

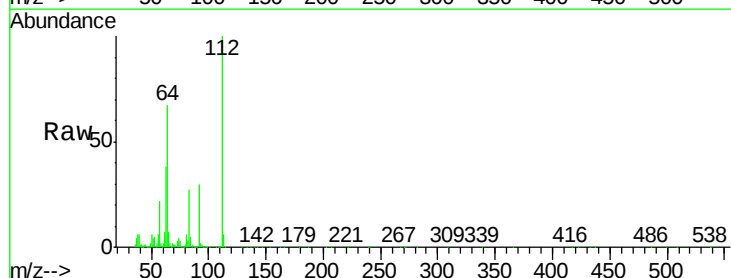
Tgt Ion:112 Resp: 827306

Ion Ratio Lower Upper

112 100

64 67.3 59.0 88.4

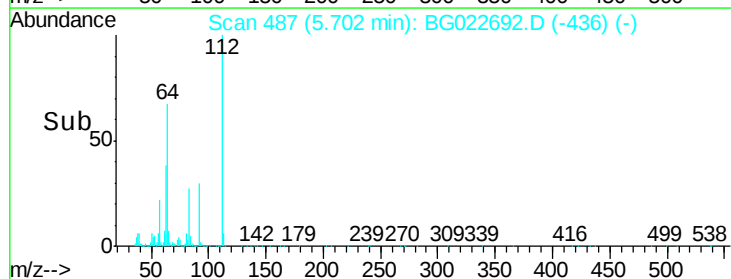
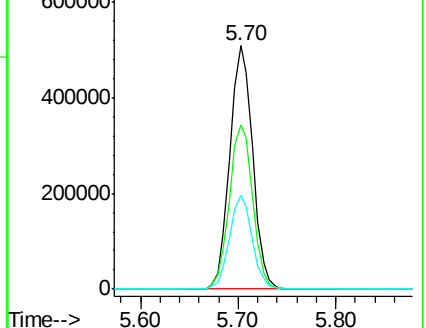
63 38.5 37.8 56.8

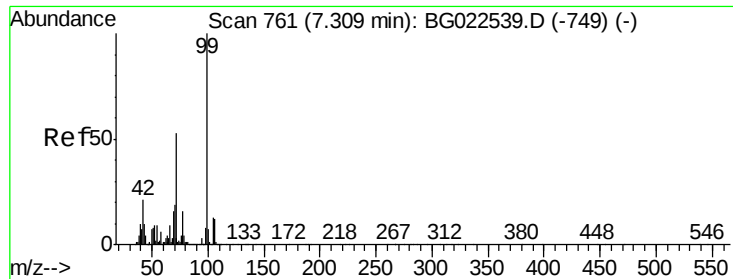


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 130.50 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022692.D

Acq: 29 Jun 2016 1:46

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)

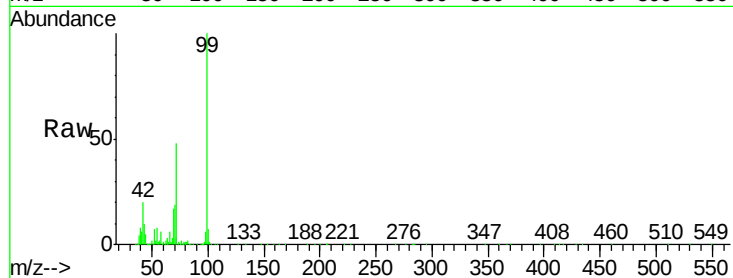
Tgt Ion: 99 Resp: 1257196

Ion Ratio Lower Upper

99 100

42 19.7 17.8 26.6

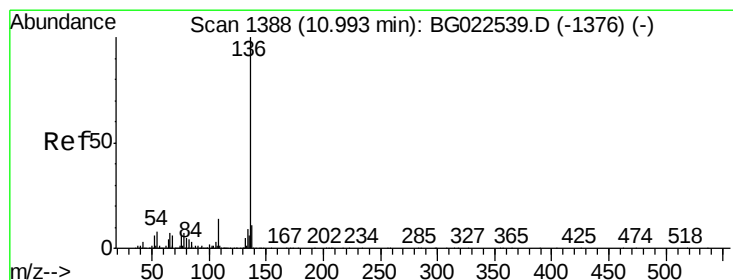
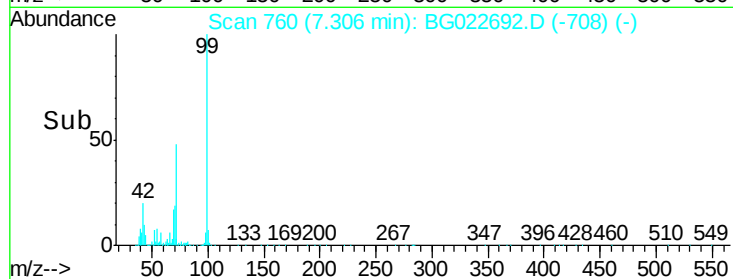
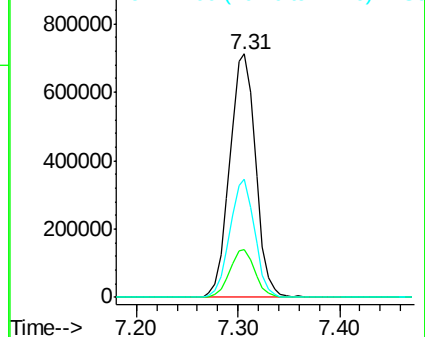
71 48.4 41.5 62.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG022692.D

Acq: 29 Jun 2016 1:46

Tgt Ion: 136 Resp: 472935

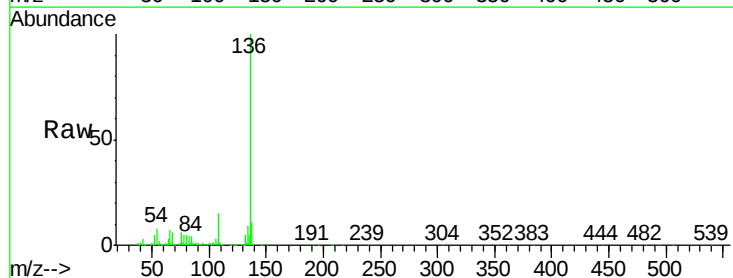
Ion Ratio Lower Upper

136 100

137 10.5 9.6 14.4

54 8.2 7.3 10.9

68 5.8 5.3 7.9

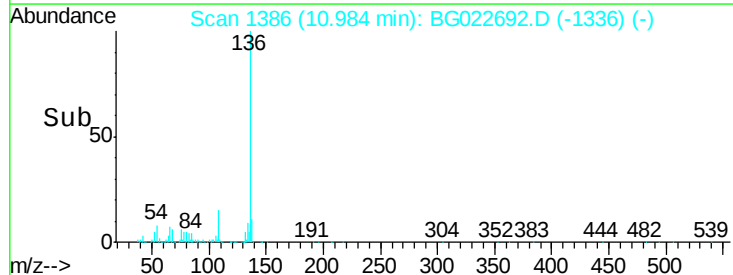
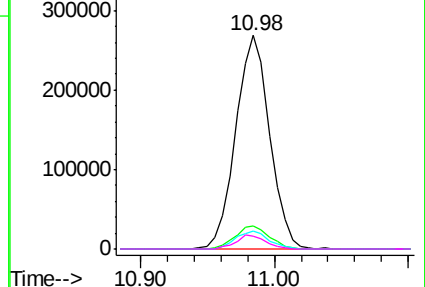


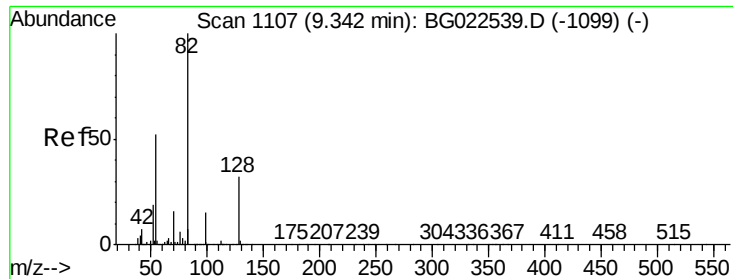
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

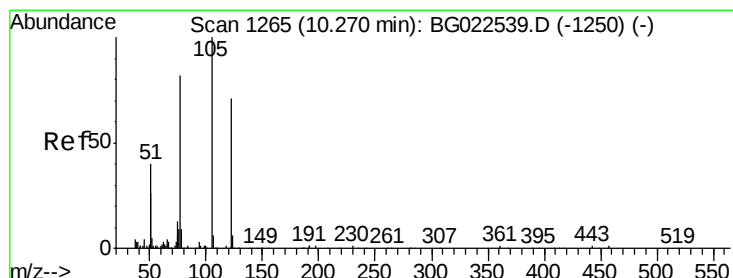
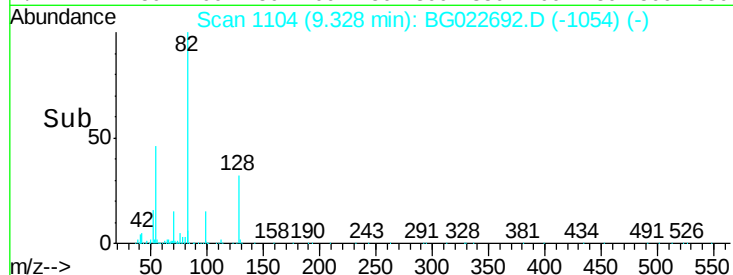
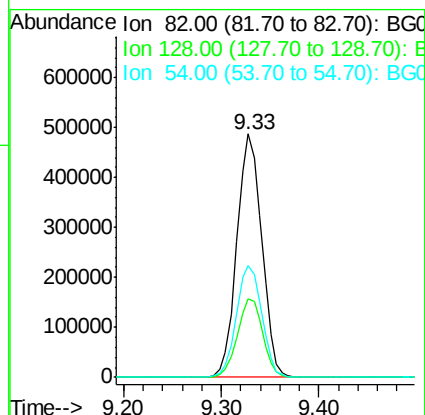
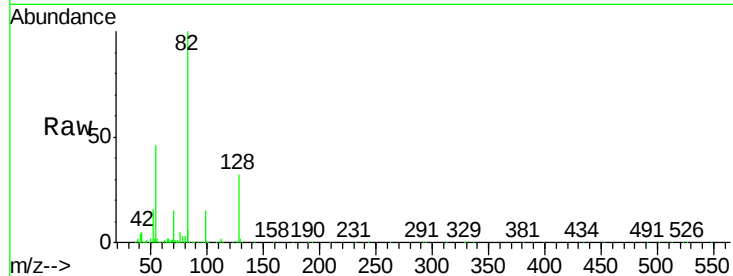




#23
 Nitrobenzene-d5
 Concen: 77.44 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BG022692.D
 Acq: 29 Jun 2016 1:46

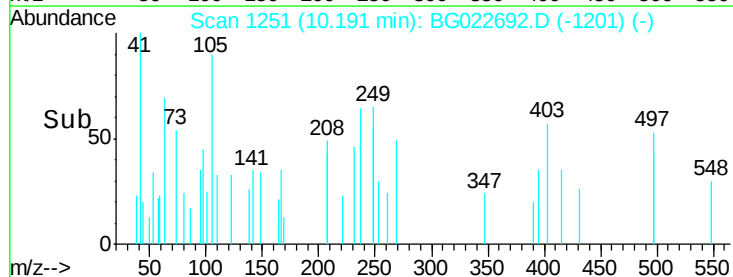
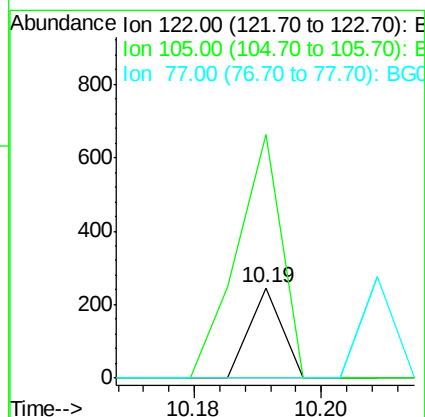
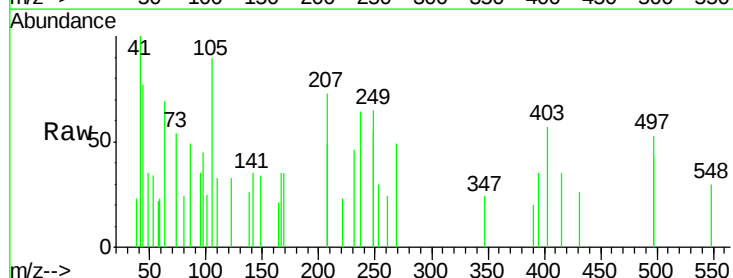
Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)

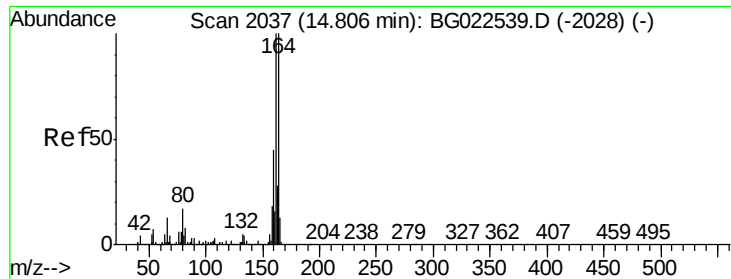
Tgt Ion: 82 Resp: 865329
 Ion Ratio Lower Upper
 82 100
 128 32.4 24.4 36.6
 54 45.8 41.4 62.0



#32
 Benzoic acid
 Concen: 5.13 ng
 RT: 10.19 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BG022692.D
 Acq: 29 Jun 2016 1:46

Tgt Ion: 122 Resp: 87
 Ion Ratio Lower Upper
 122 100
 105 269.5 117.2 157.2#
 77 0.0 109.2 149.2#

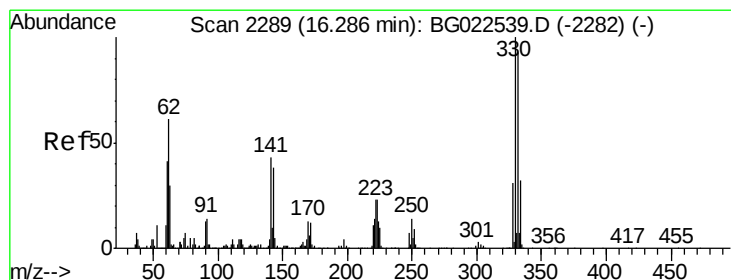
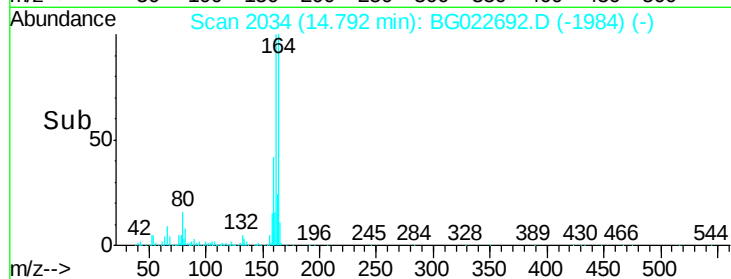
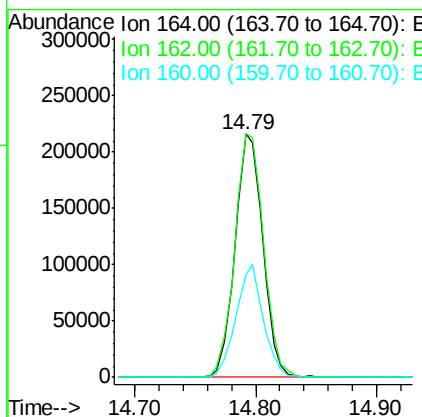
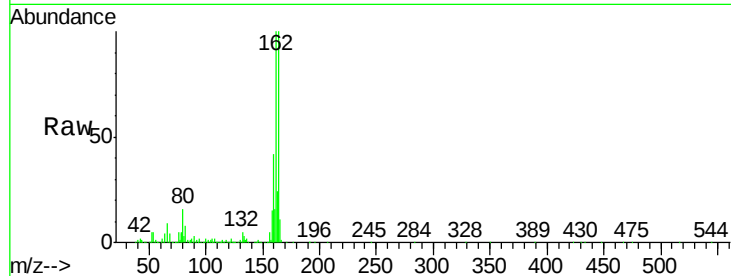




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG022692.D
Acq: 29 Jun 2016 1:46

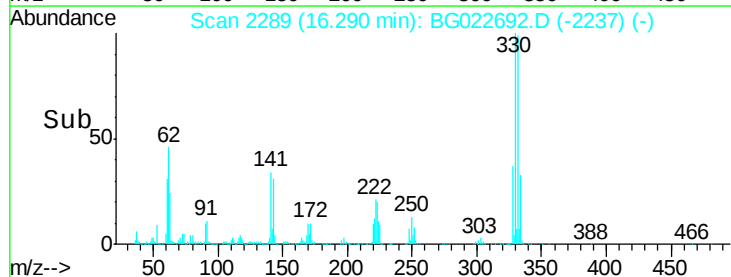
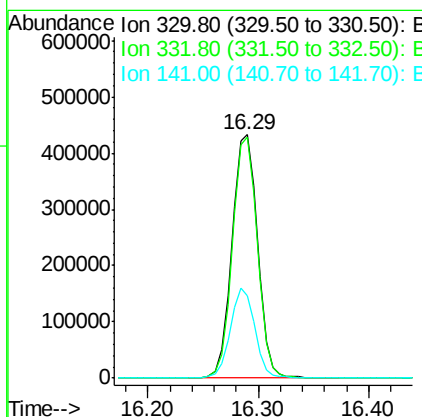
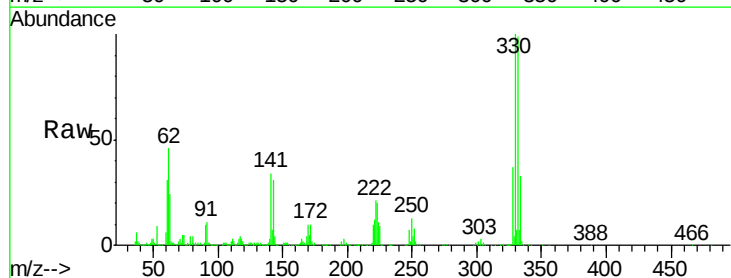
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)

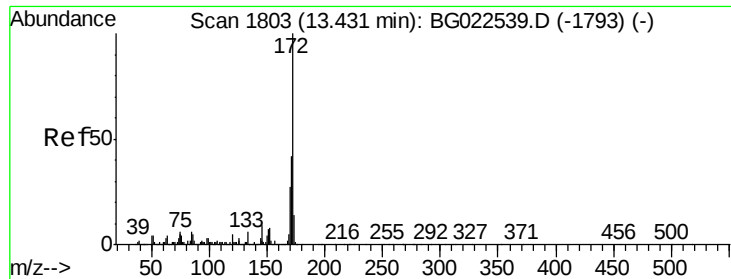
Tgt Ion	Resp	Lower	Upper
164	100		
162	100.0	87.7	131.5
160	42.2	37.2	55.8



#41
2,4,6-Tribromophenol
Concen: 129.85 ng
RT: 16.29 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG022692.D
Acq: 29 Jun 2016 1:46

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	35.4	31.7	47.5

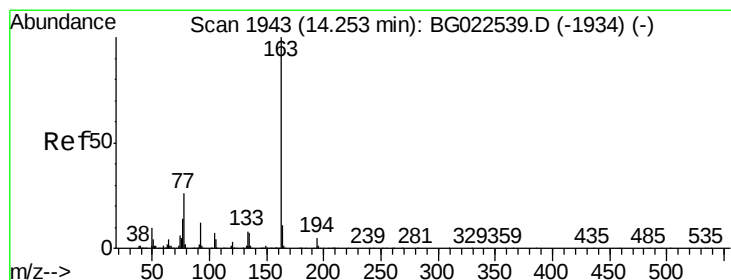
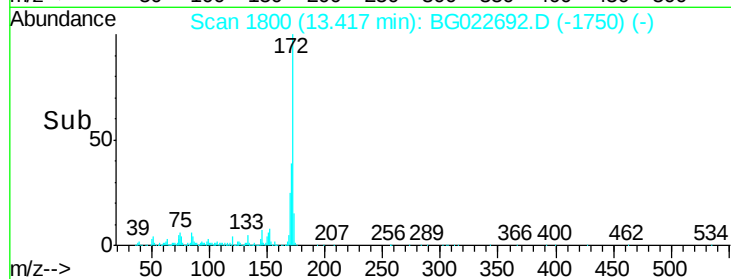
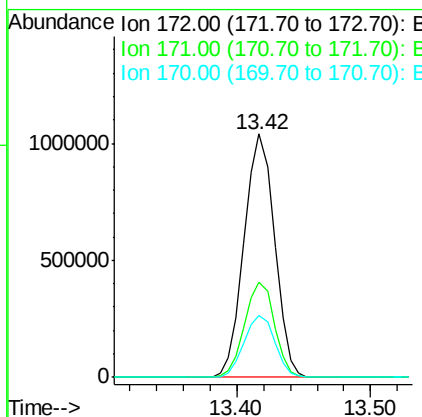
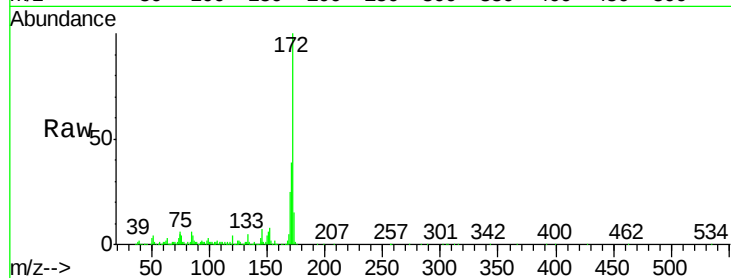




#44
2-Fluorobiphenyl
Concen: 75.28 ng
RT: 13.42 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG022692.D
Acq: 29 Jun 2016 1:46

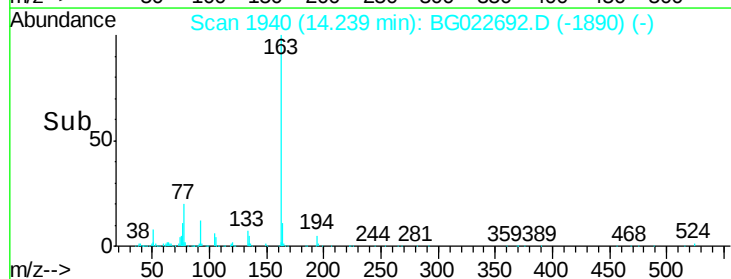
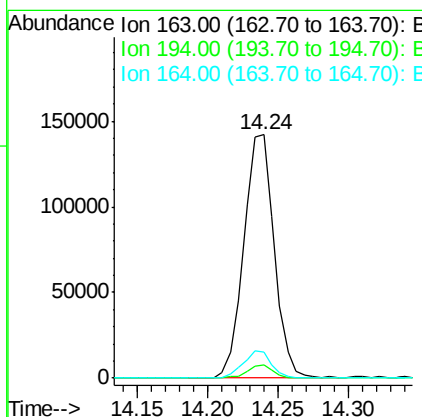
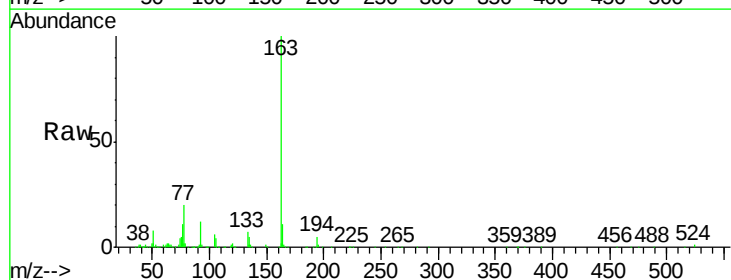
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)

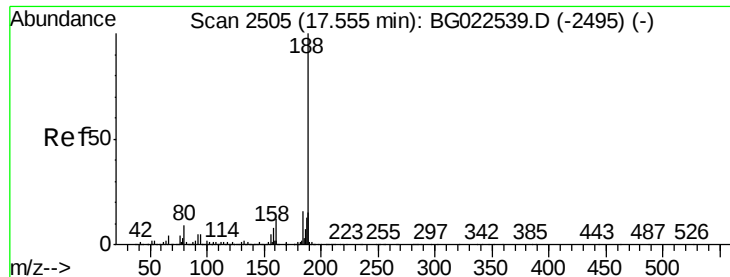
Tgt Ion:172 Resp: 1643204
Ion Ratio Lower Upper
172 100
171 38.9 31.6 47.4
170 25.4 21.3 31.9



#49
Dimethylphthalate
Concen: 7.45 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022692.D
Acq: 29 Jun 2016 1:46

Tgt Ion:163 Resp: 214083
Ion Ratio Lower Upper
163 100
194 5.2 3.6 5.4
164 10.9 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BG022692.D

Acq: 29 Jun 2016 1:46

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)

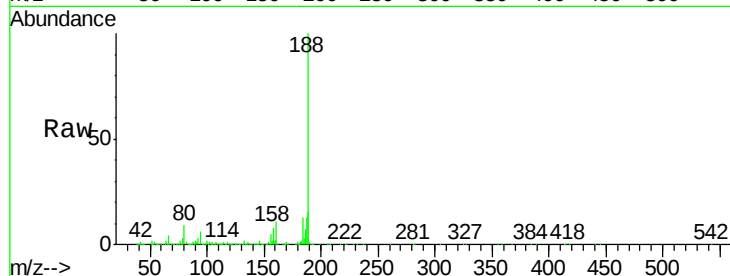
Tgt Ion:188 Resp: 908013

Ion Ratio Lower Upper

188 100

94 5.9 5.2 7.8

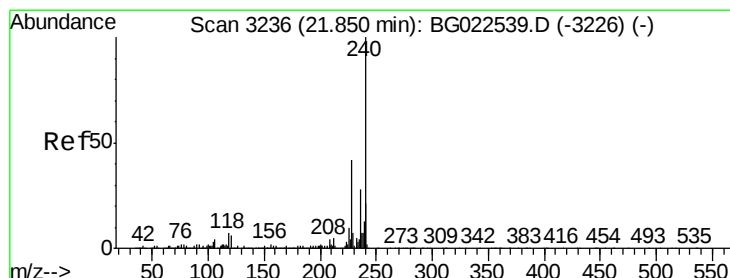
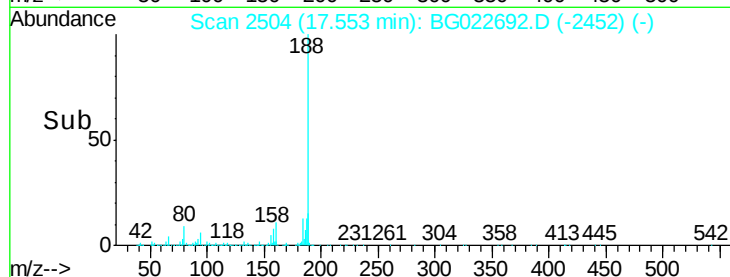
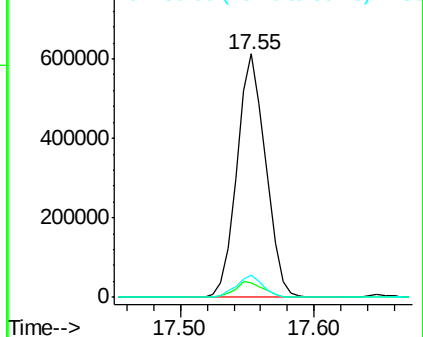
80 8.9 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.00 min

Lab File: BG022692.D

Acq: 29 Jun 2016 1:46

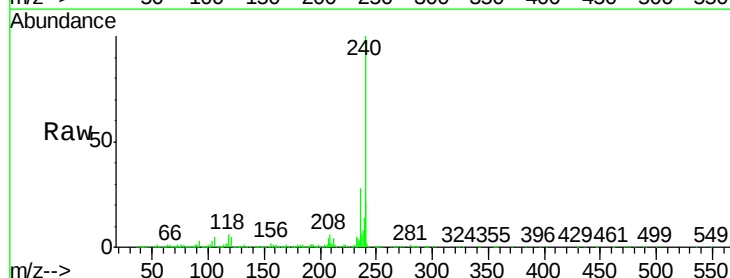
Tgt Ion:240 Resp: 1038426

Ion Ratio Lower Upper

240 100

120 5.2 4.1 6.1

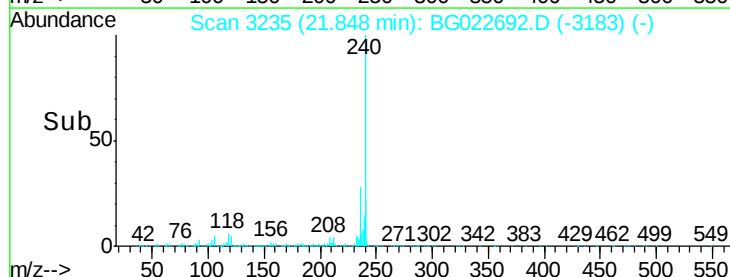
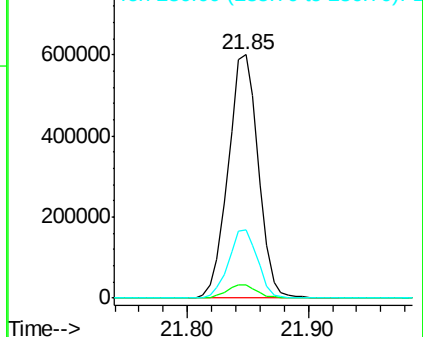
236 28.0 21.1 31.7

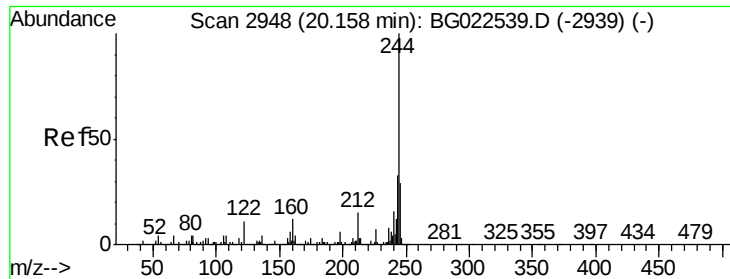


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.09 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022692.D

Acq: 29 Jun 2016 1:46

Instrument :

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ClientSampleId :

EPCH-B1(13-15)

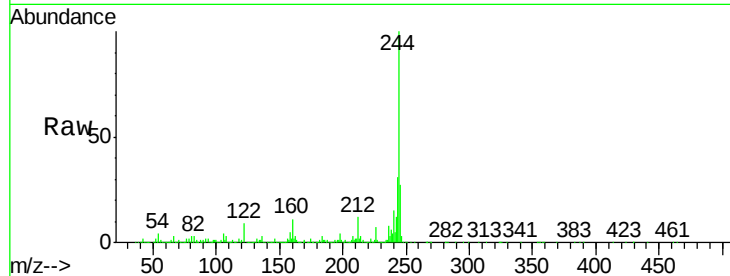
Tgt Ion:244 Resp: 2590359

Ion Ratio Lower Upper

244 100

212 12.3 10.8 16.2

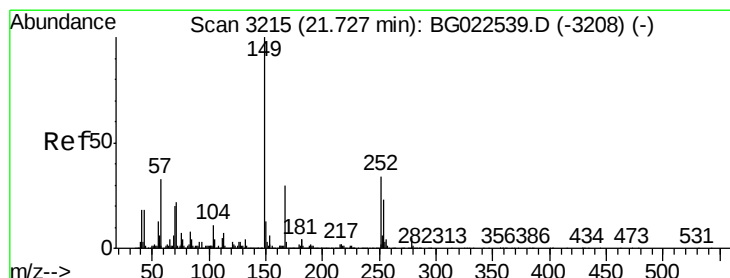
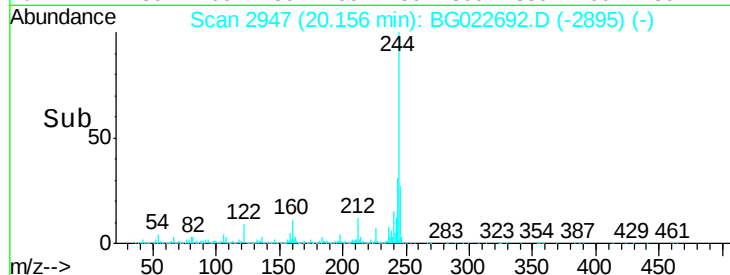
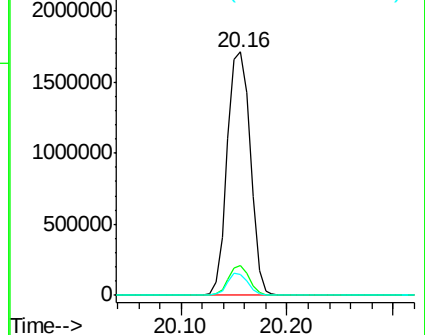
122 8.8 8.0 12.0



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.50 ng

RT: 21.71 min Scan# 3212

Delta R.T. -0.01 min

Lab File: BG022692.D

Acq: 29 Jun 2016 1:46

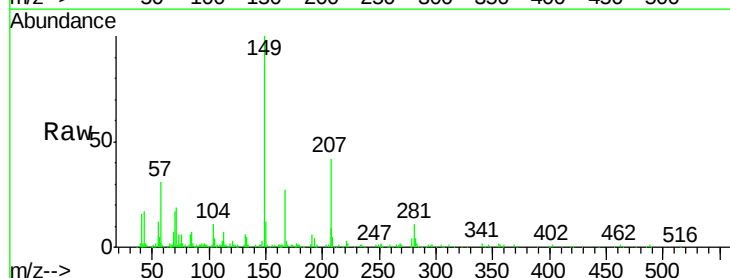
Tgt Ion:149 Resp: 84150

Ion Ratio Lower Upper

149 100

167 27.2 24.0 36.0

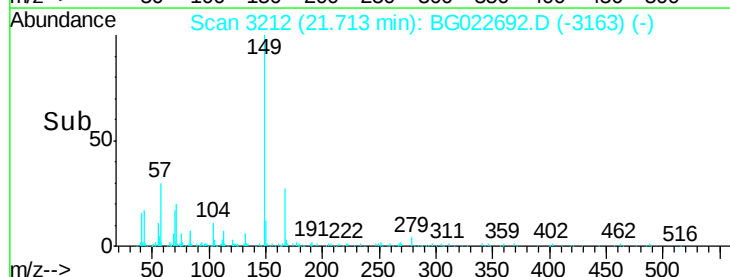
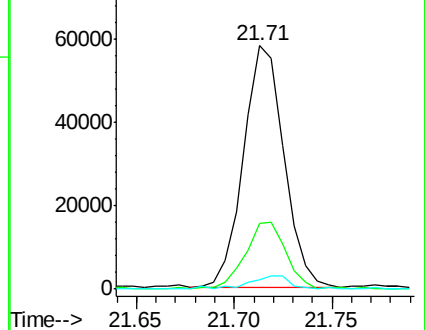
279 3.9 4.8 7.2#

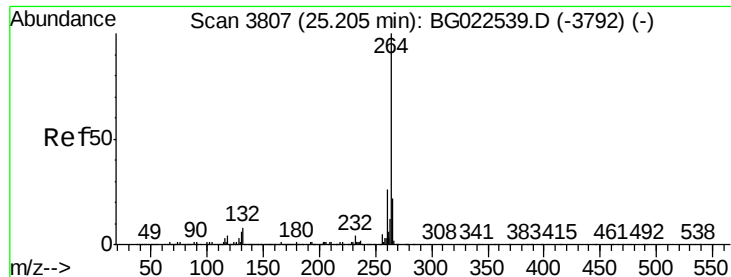


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.20 min Scan# 3806
Delta R.T. -0.00 min
Lab File: BG022692.D
Acq: 29 Jun 2016 1:46

Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)

Tgt Ion: 264 Resp: 1029429

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.4	27.6
265	23.1	18.9	28.3

