

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
 Data File : BG022696.D
 Acq On : 29 Jun 2016 4:27
 Operator : UM/SJ
 Sample : H3795-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-9A-9-11

Quant Time: Jun 29 05:08:34 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

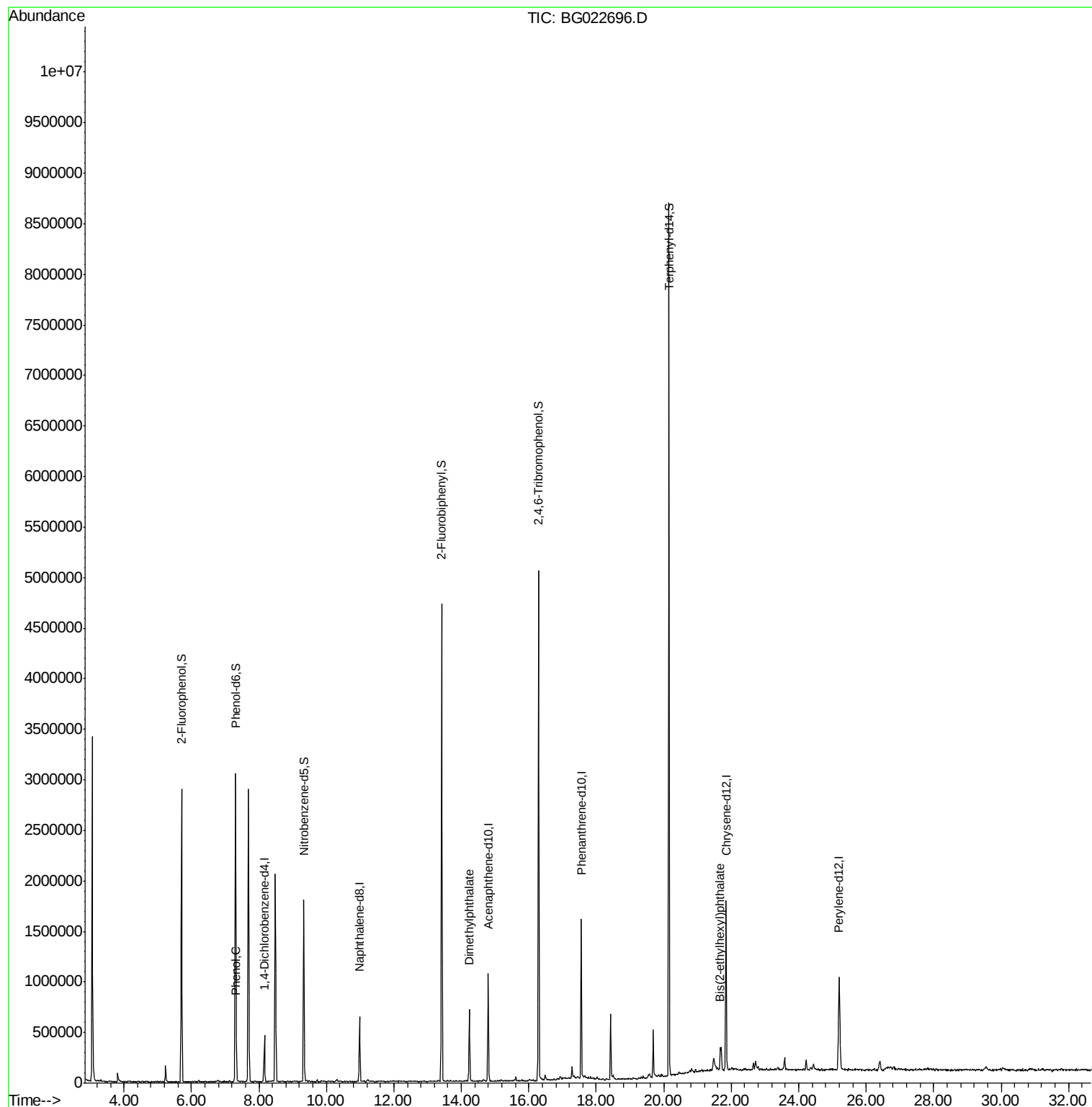
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	118216	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	512217	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	360572	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	921862	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1058885	20.00	ng	0.00
86) Perylene-d12	25.20	264	1062444	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	1160144	157.41	ng	0.00
7) Phenol-d6	7.31	99	1724129	165.96	ng	0.00
23) Nitrobenzene-d5	9.33	82	1195813	98.81	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	972468	171.47	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2253441	99.11	ng	0.00
78) Terphenyl-d14	20.16	244	3159987	79.07	ng	0.00
Target Compounds						
10) Phenol	7.34	94	28159	2.56	ng	99
49) Dimethylphthalate	14.23	163	444617	14.86	ng	99
83) Bis(2-ethylhexyl)phthalate	21.68	149	252230m	7.34	ng	

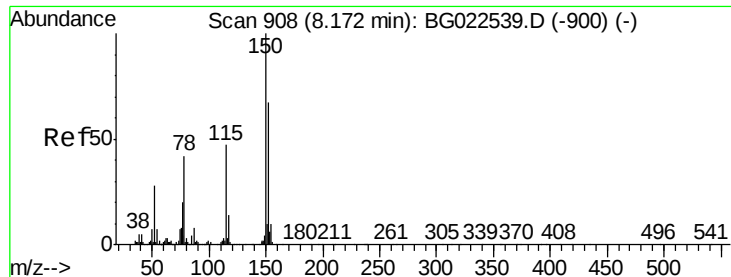
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG022696.D

Acq: 29 Jun 2016 4:27

Instrument :

BNA_G

ClientSampleId :

LOCATION-9A-9-11

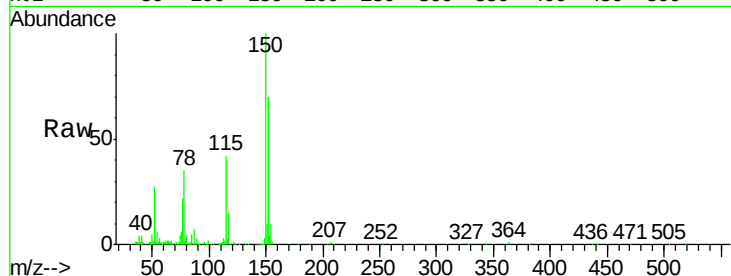
Tot Ion:152 Resp: 118216

Ion Ratio Lower Upper

152 100

150 143.1 144.7 217.1#

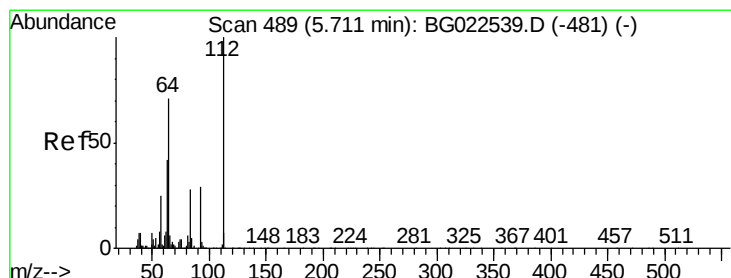
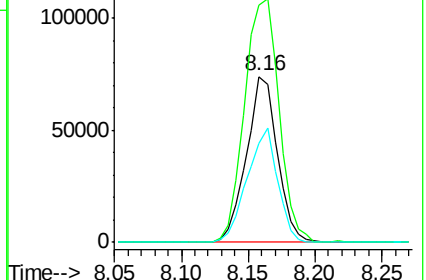
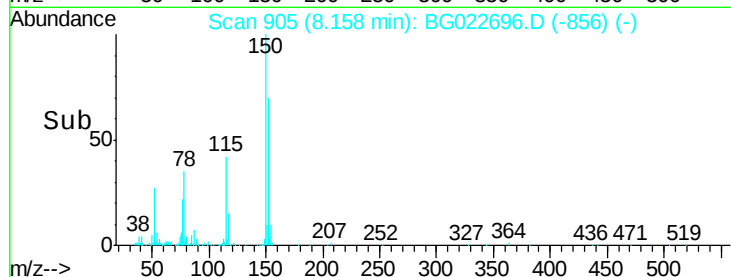
115 59.6 64.0 96.0#



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: 157.41 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG022696.D

Acq: 29 Jun 2016 4:27

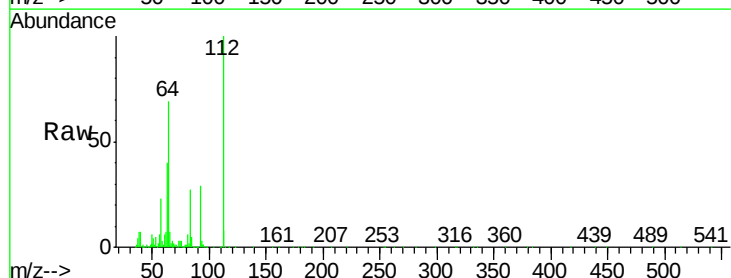
Tgt Ion:112 Resp: 1160144

Ion Ratio Lower Upper

112 100

64 68.6 59.0 88.4

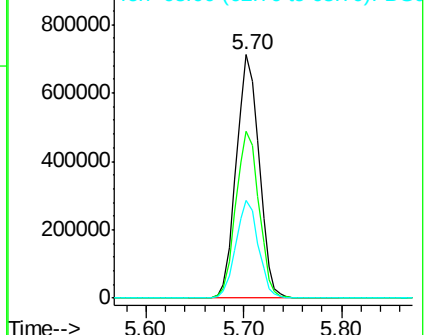
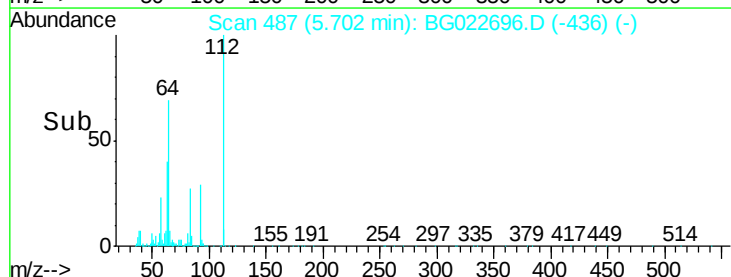
63 39.9 37.8 56.8



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: 165.96 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022696.D

Acq: 29 Jun 2016 4:27

Instrument :

BNA_G

ClientSampleId :

LOCATION-9A-9-11

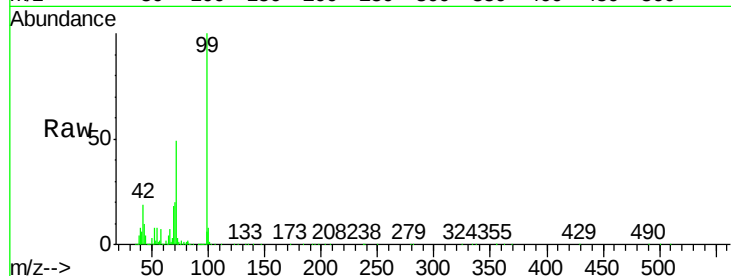
Tot Ion: 99 Resp: 1724129

Ion	Ratio	Lower	Upper
99	100		
42	18.7	17.8	26.6
71	49.0	41.5	62.3

99 100

42 18.7 17.8 26.6

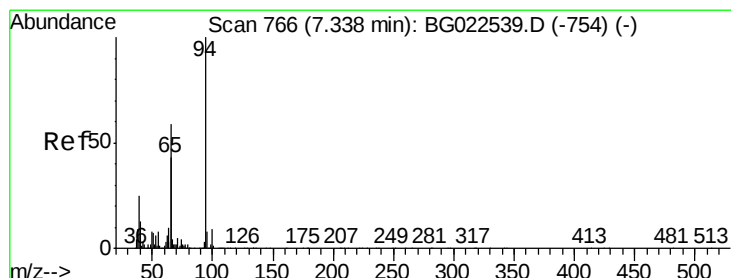
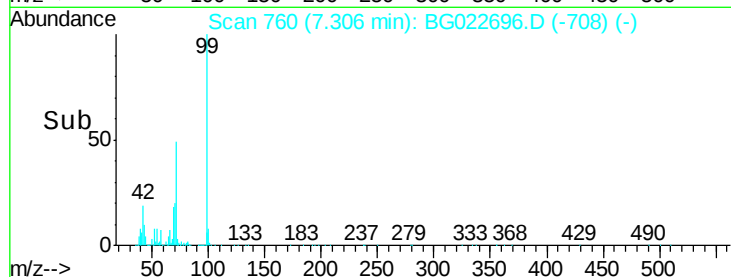
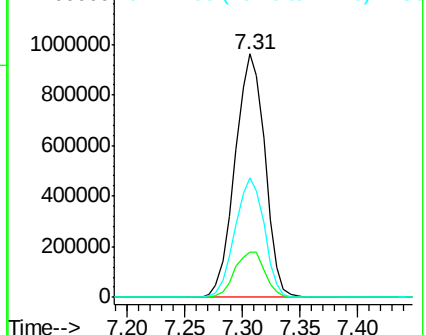
71 49.0 41.5 62.3



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



#10

Phenol

Concen: 2.56 ng

RT: 7.34 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022696.D

Acq: 29 Jun 2016 4:27

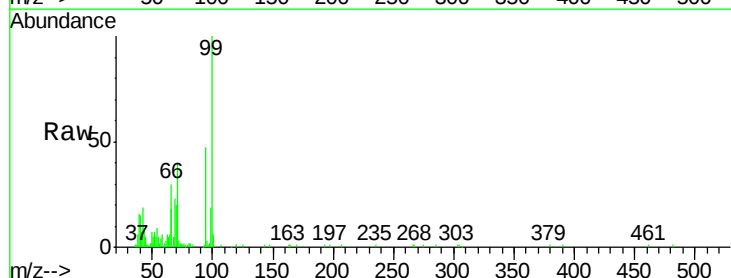
Tgt Ion: 94 Resp: 28159

Ion	Ratio	Lower	Upper
94	100		
65	37.4	18.1	58.1
66	63.2	42.1	82.1

94 100

65 37.4 18.1 58.1

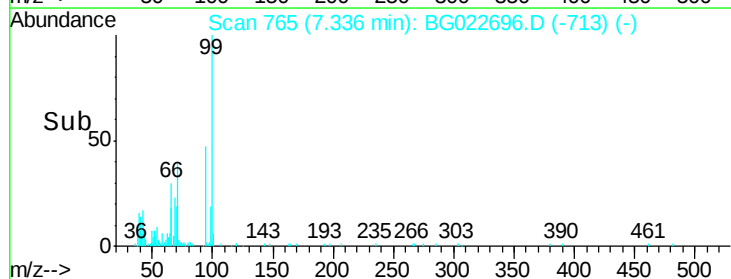
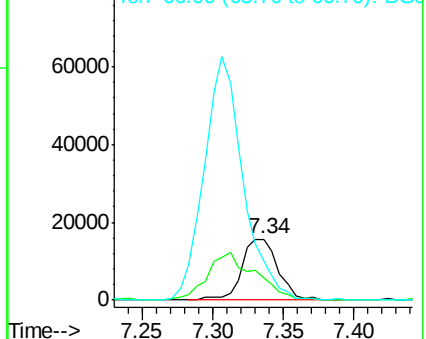
66 63.2 42.1 82.1

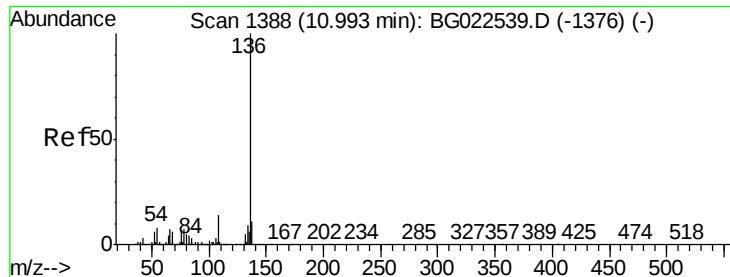


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

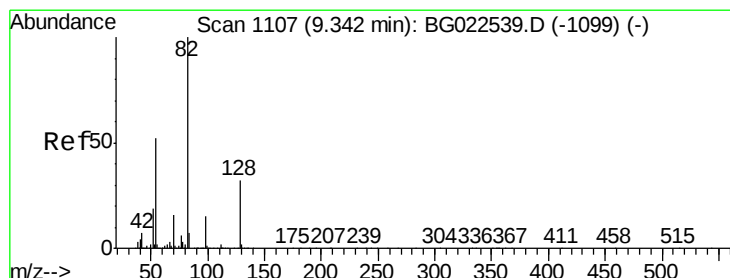
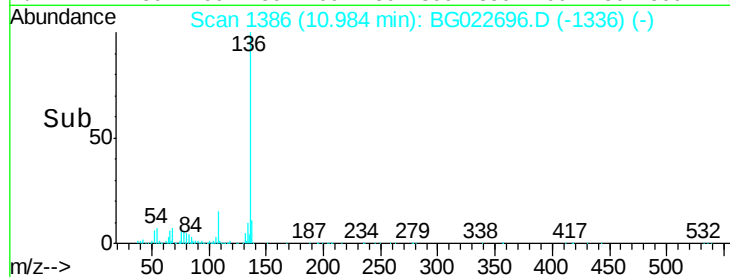
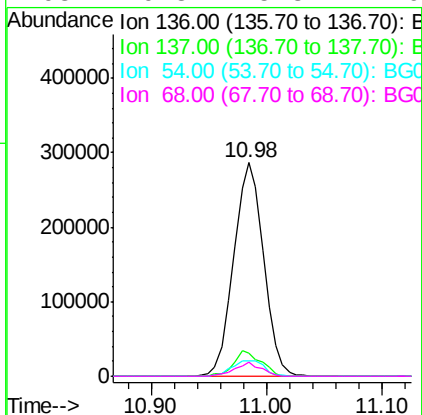
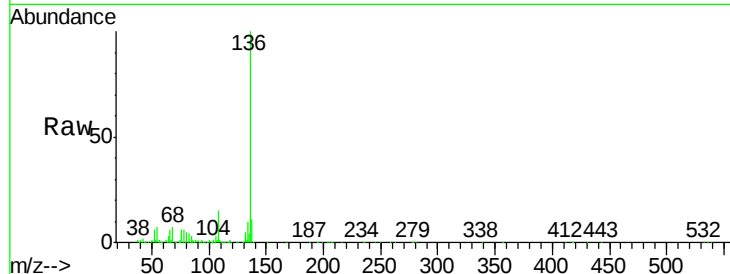




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG022696.D
Acq: 29 Jun 2016 4:27

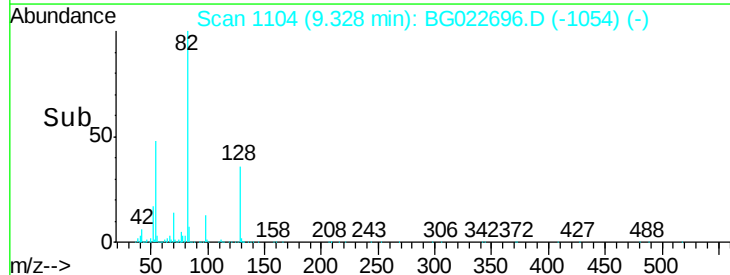
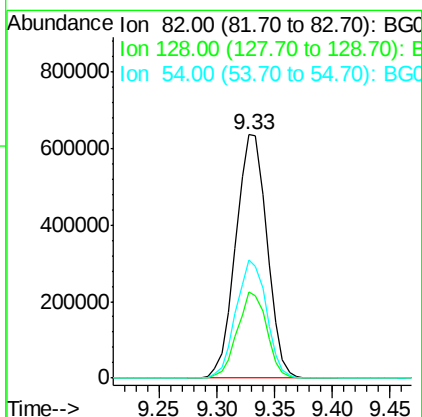
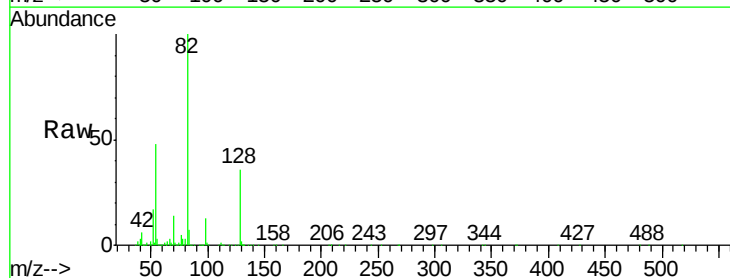
Instrument :
BNA_G
ClientSampleId :
LOCATION-9A-9-11

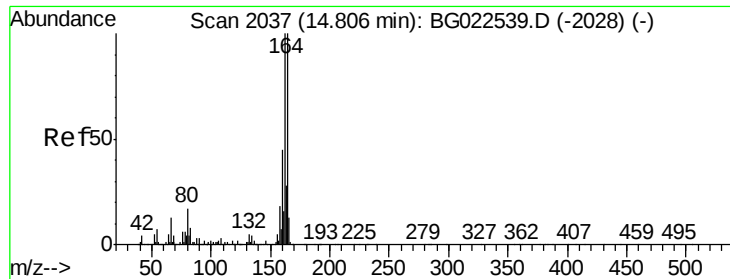
Tot Ion:136	Resp:	512217
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.6 14.4
54	7.1	7.3 10.9#
68	6.8	5.3 7.9



#23
Nitrobenzene-d5
Concen: 98.81 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BG022696.D
Acq: 29 Jun 2016 4:27

Tgt Ion: 82	Resp:	1195813
Ion Ratio	Lower	Upper
82	100	
128	35.6	24.4 36.6
54	48.4	41.4 62.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022696.D

Acq: 29 Jun 2016 4:27

Instrument :

BNA_G

ClientSampleId :

LOCATION-9A-9-11

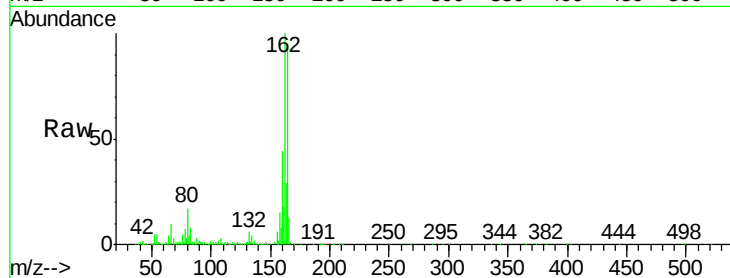
Tot Ion:164 Resp: 360572

Ion Ratio Lower Upper

164 100

162 105.6 87.7 131.5

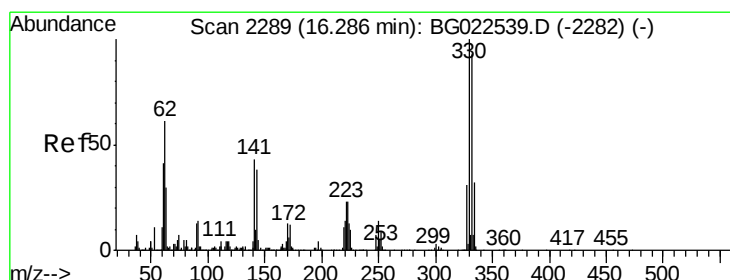
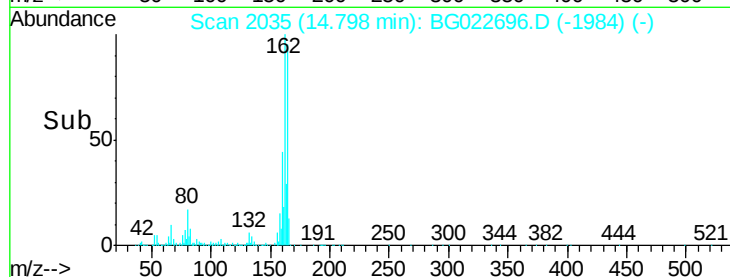
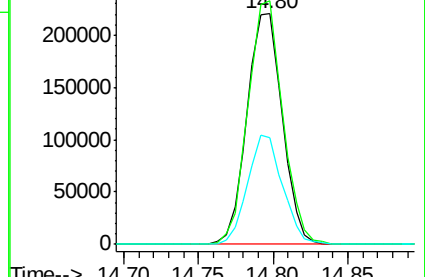
160 46.0 37.2 55.8



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: 171.47 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022696.D

Acq: 29 Jun 2016 4:27

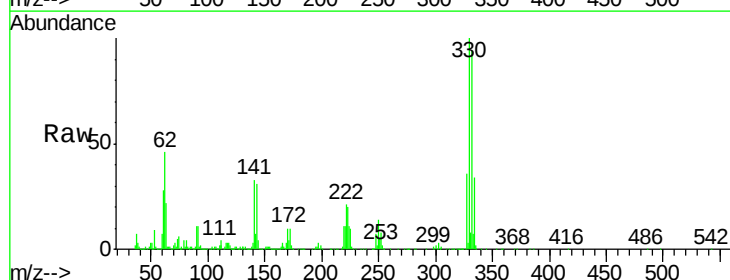
Tgt Ion:330 Resp: 972468

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

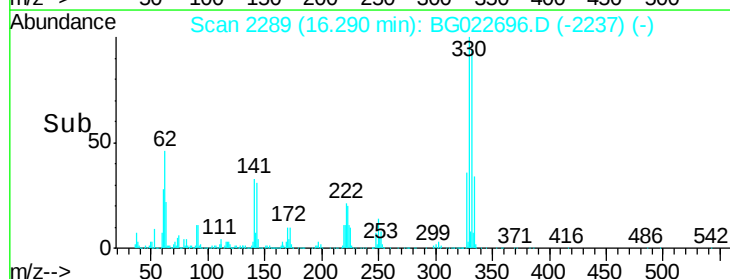
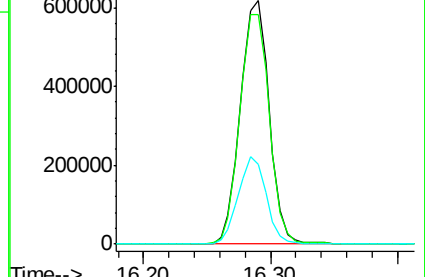
141 34.8 31.7 47.5

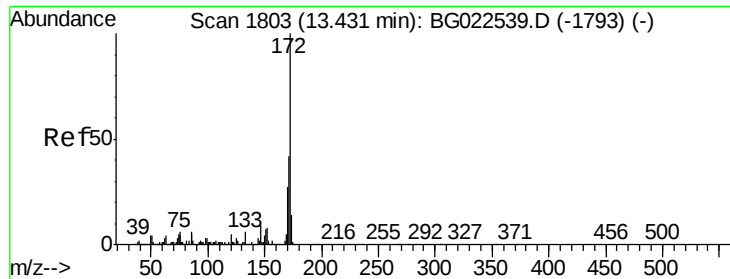


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

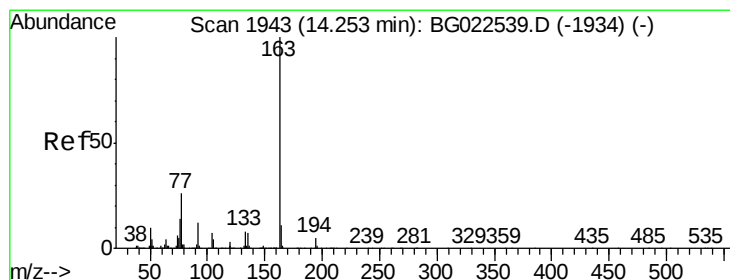
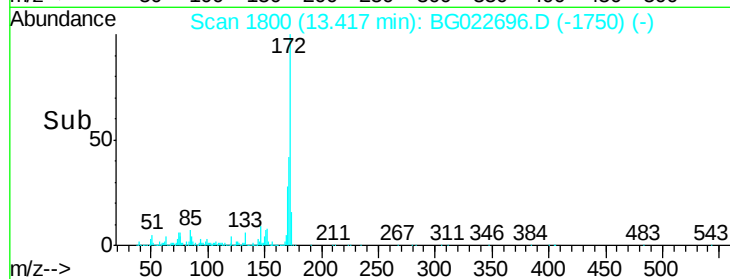
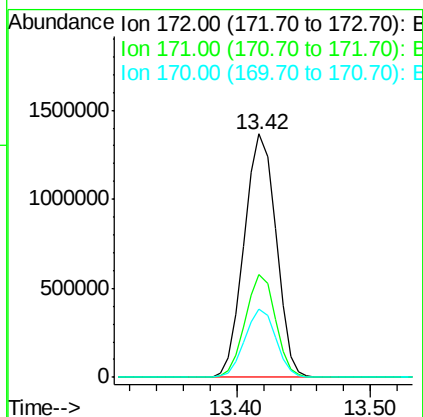
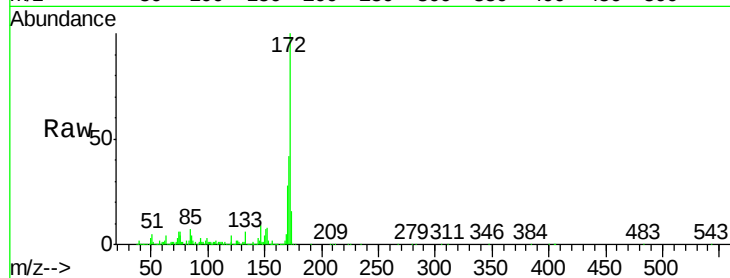




#44
2-Fluorobiphenyl
Concen: 99.11 ng
RT: 13.42 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG022696.D
Acq: 29 Jun 2016 4:27

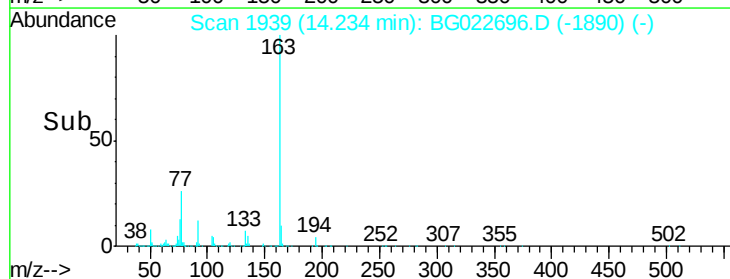
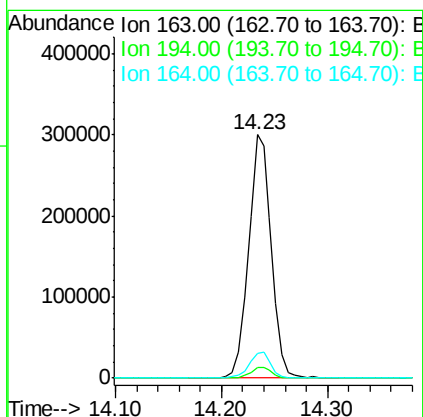
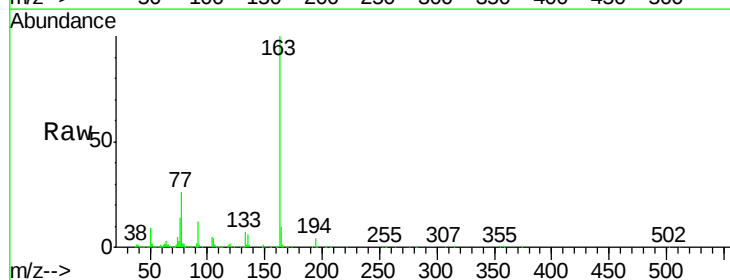
Instrument :
BNA_G
ClientSampleId :
LOCATION-9A-9-11

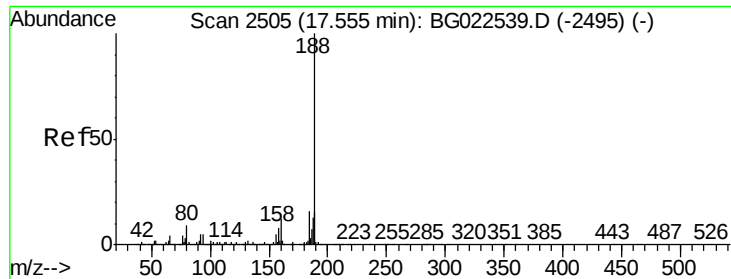
Tot Ion:172 Resp: 2253441
Ion Ratio Lower Upper
172 100
171 42.4 31.6 47.4
170 28.0 21.3 31.9



#49
Dimethylphthalate
Concen: 14.86 ng
RT: 14.23 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG022696.D
Acq: 29 Jun 2016 4:27

Tgt Ion:163 Resp: 444617
Ion Ratio Lower Upper
163 100
194 4.2 3.6 5.4
164 10.4 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: BG022696.D

Acq: 29 Jun 2016 4:27

Instrument :

BNA_G

ClientSampleId :

LOCATION-9A-9-11

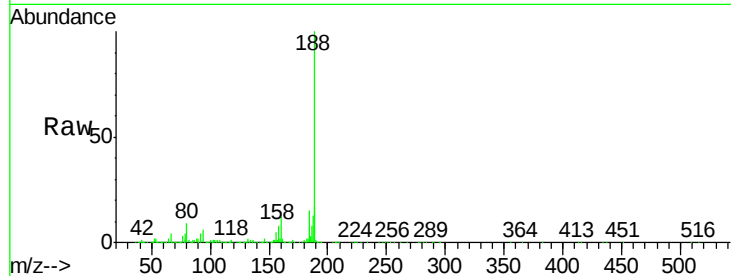
Tot Ion:188 Resp: 921862

Ion Ratio Lower Upper

188 100

94 6.4 5.2 7.8

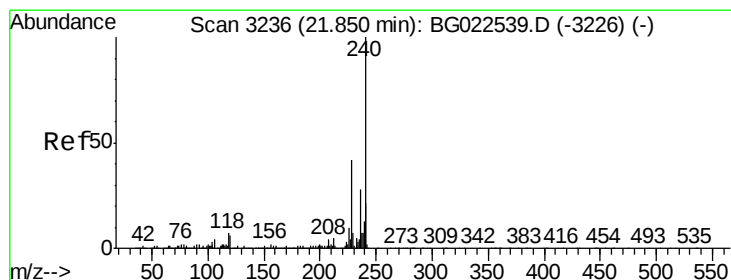
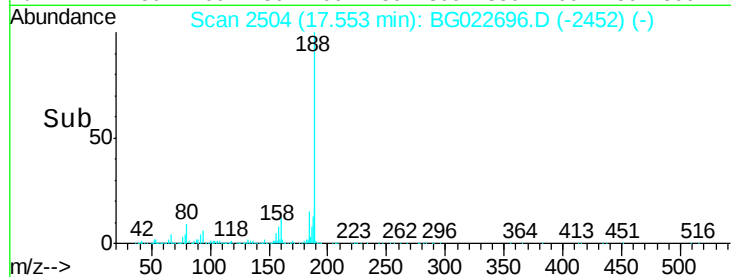
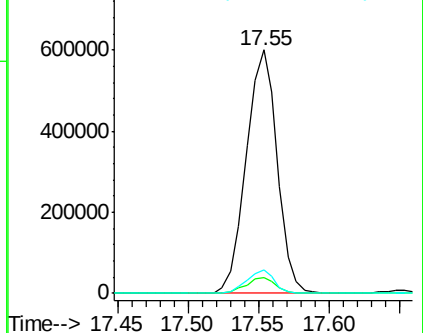
80 9.4 7.2 10.8



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: 21.84 min Scan# 3234

Delta R.T. -0.00 min

Lab File: BG022696.D

Acq: 29 Jun 2016 4:27

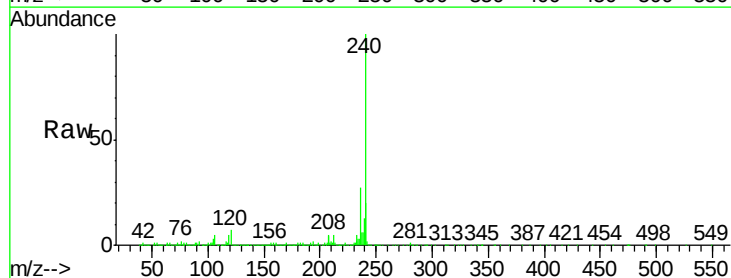
Tgt Ion:240 Resp: 1058885

Ion Ratio Lower Upper

240 100

120 6.5 4.1 6.1#

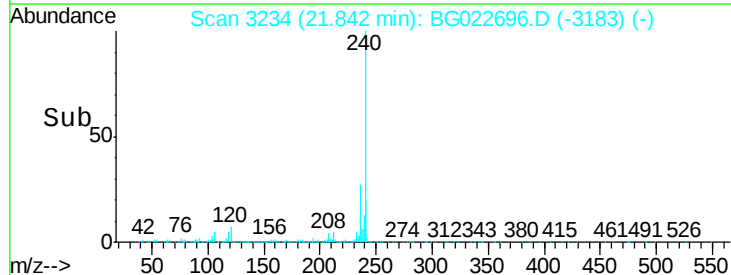
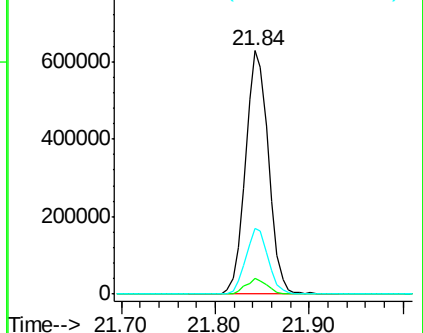
236 27.0 21.1 31.7

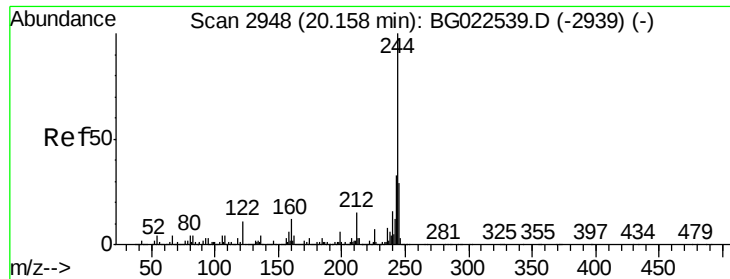


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.07 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022696.D

Acq: 29 Jun 2016 4:27

Instrument :

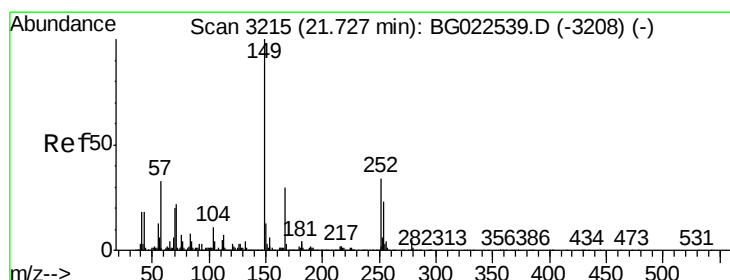
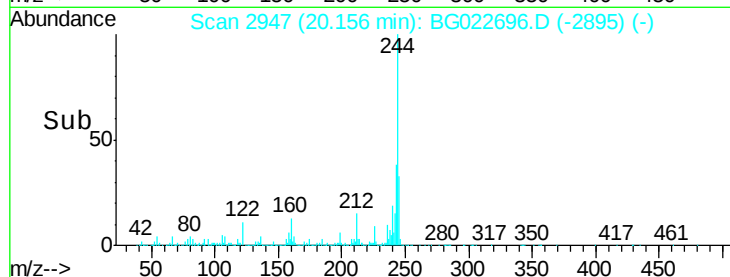
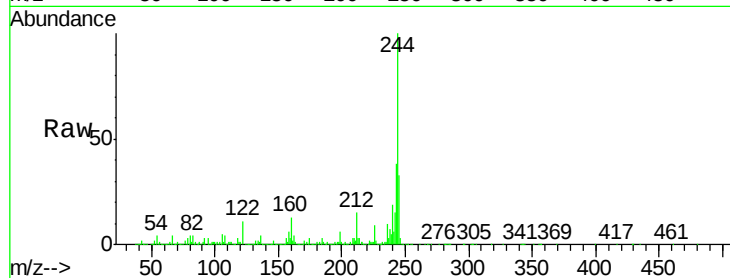
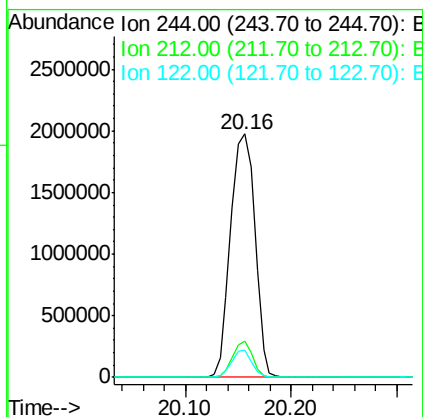
BNA_G

ClientSampleId :

LOCATION-9A-9-11

Tot Ion:244 Resp: 3159987

Ion	Ratio	Lower	Upper
244	100		
212	14.9	10.8	16.2
122	11.2	8.0	12.0



#83

Bis(2-ethylhexyl)phthalate

Concen: 7.34 ng m

RT: 21.68 min Scan# 3206

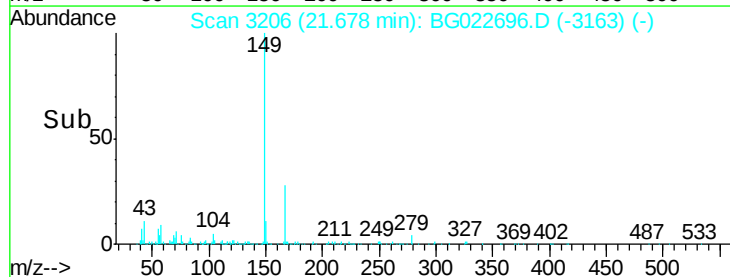
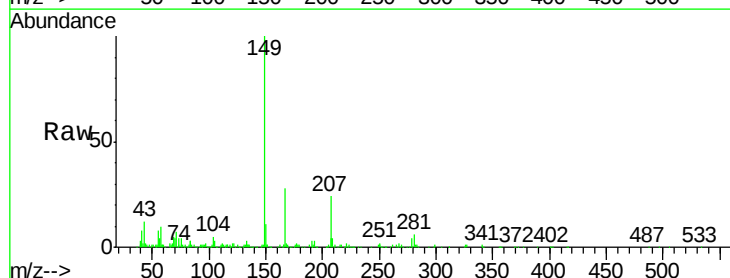
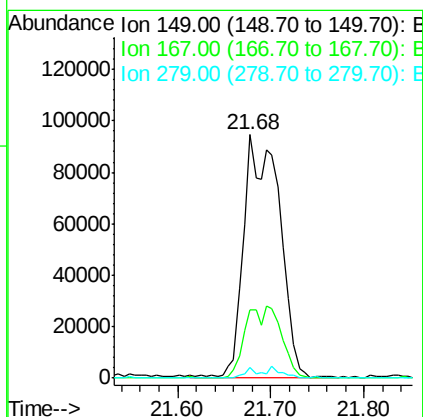
Delta R.T. -0.05 min

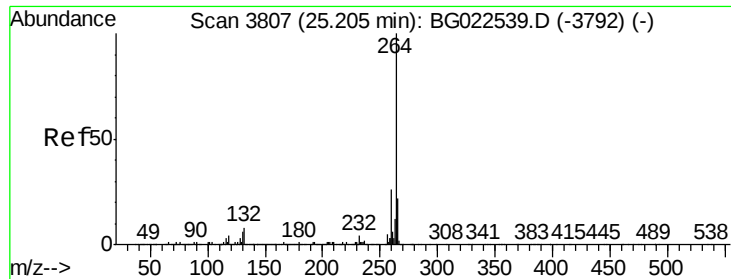
Lab File: BG022696.D

Acq: 29 Jun 2016 4:27

Tgt Ion:149 Resp: 252230

Ion	Ratio	Lower	Upper
149	100		
167	27.9	24.0	36.0
279	4.3	4.8	7.2



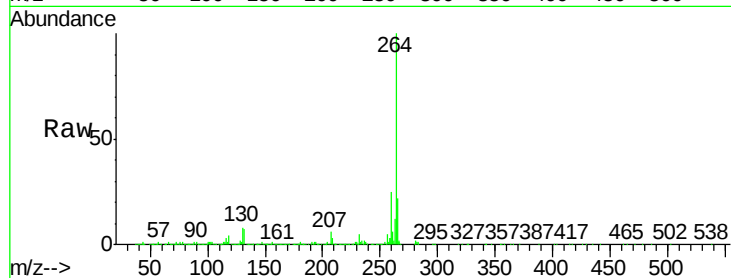


#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.20 min Scan# 3805
Delta R.T. -0.01 min
Lab File: BG022696.D
Acq: 29 Jun 2016 4:27

Instrument :
BNA_G
ClientSampleId :
LOCATION-9A-9-11

Tot Ion:264 Resp: 1062444

Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.4	27.6
265	21.9	18.9	28.3



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

