

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 05:02:02 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

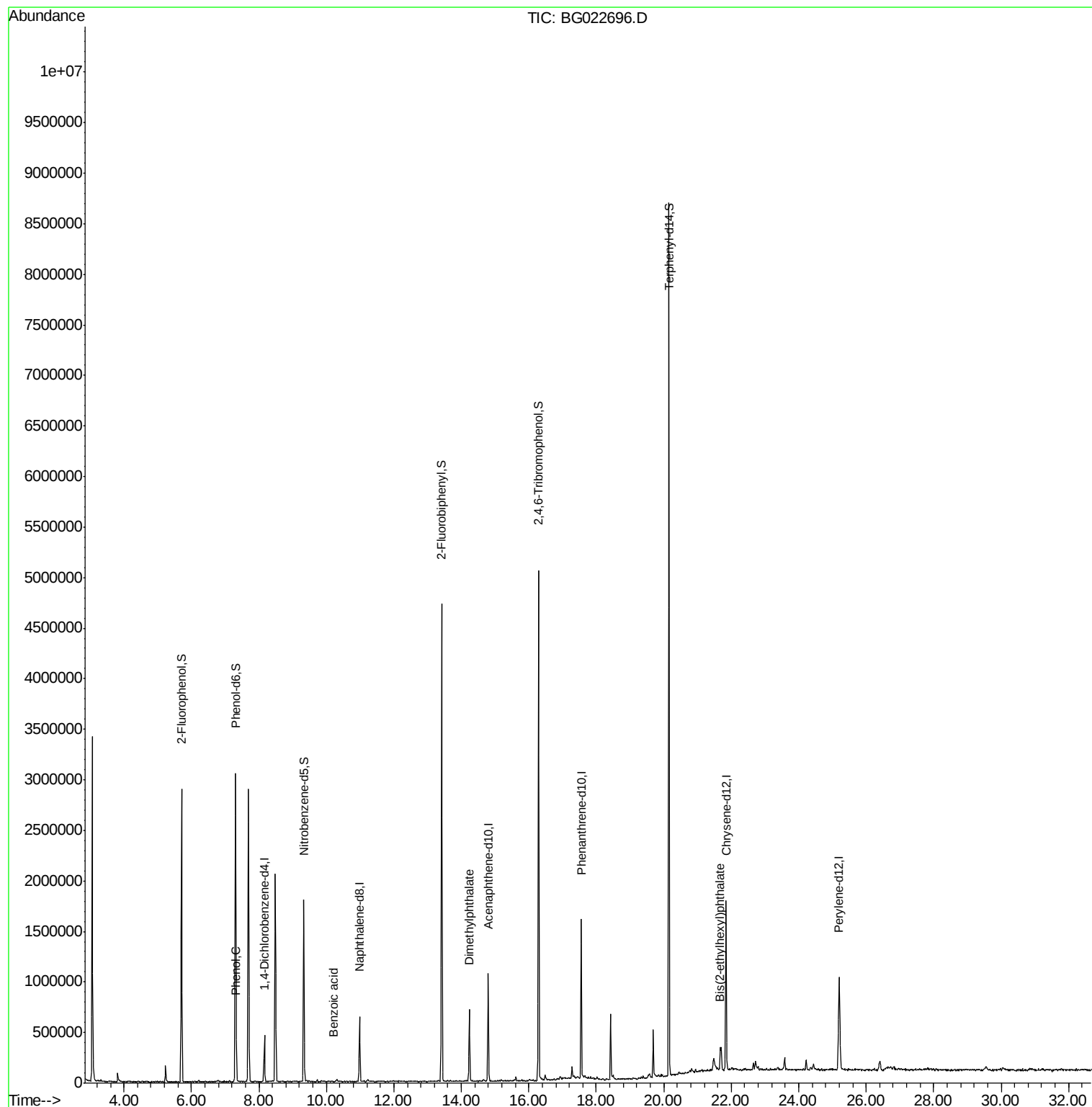
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	118216	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	512217	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	360572	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	921862	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1058885	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
32) Benzoic acid	10.22	122	161	5.14	ng	# 27
49) Dimethylphthalate	14.23	163	444617	14.86	ng	99
83) Bis(2-ethylhexyl)phthalate	21.68	149	124312	3.62	ng	# 96

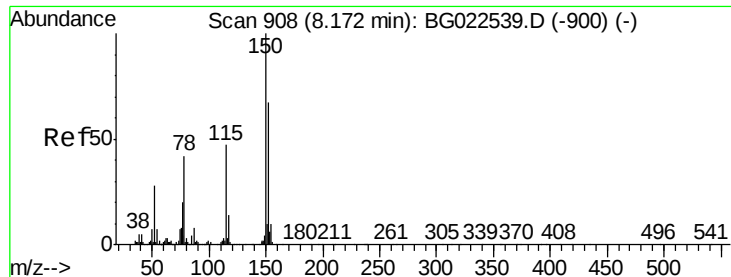
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

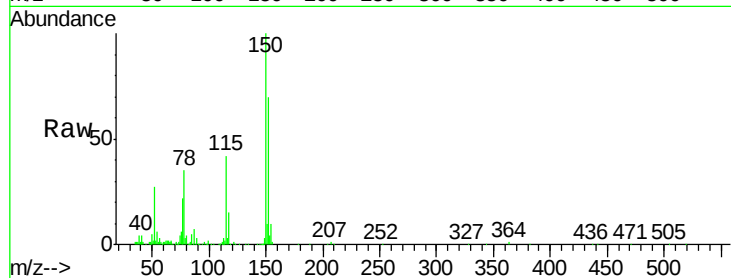
Tgt Ion:152 Resp: 118216

Ion Ratio Lower Upper

152 100

150 143.1 144.7 217.1#

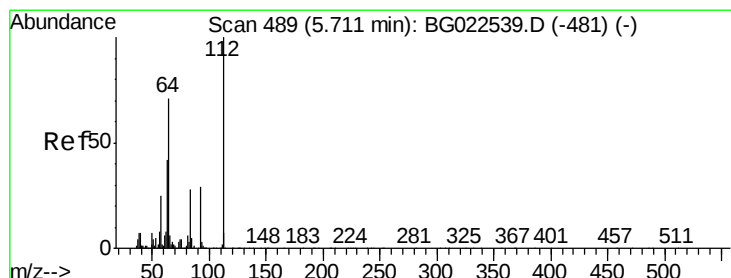
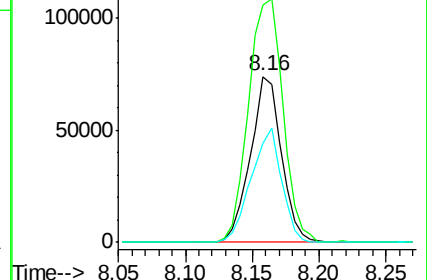
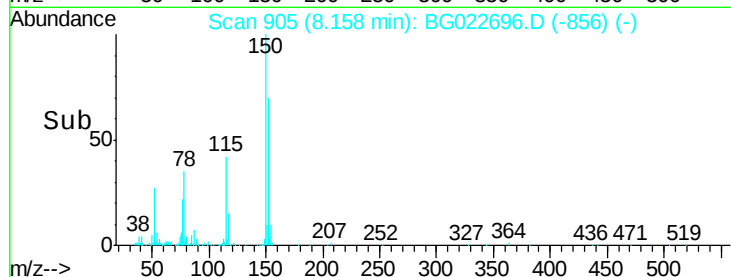
115 59.6 64.0 96.0#



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

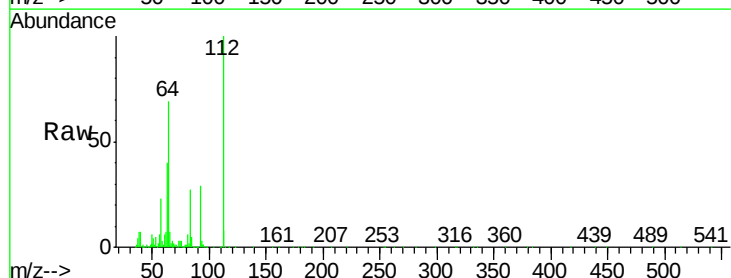
Tgt Ion:112 Resp: 1160144

Ion Ratio Lower Upper

112 100

64 68.6 59.0 88.4

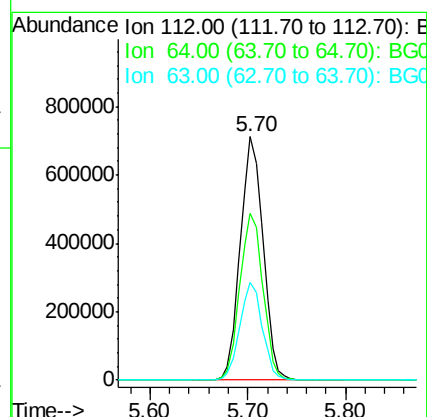
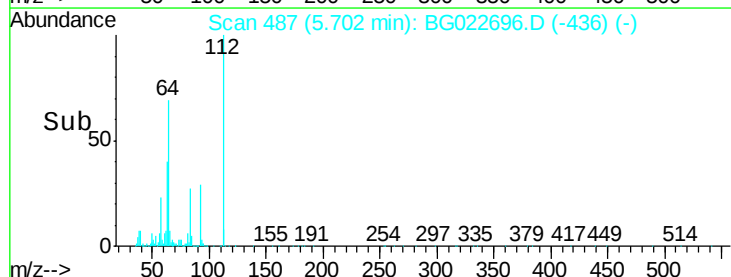
63 39.9 37.8 56.8



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

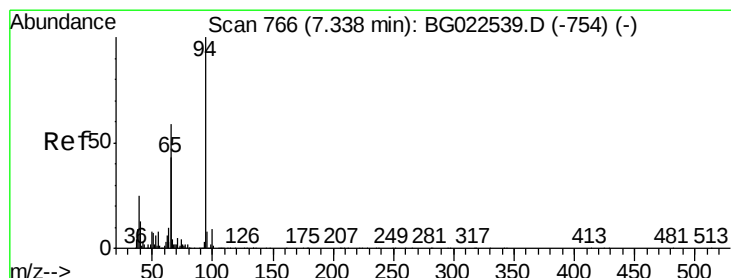
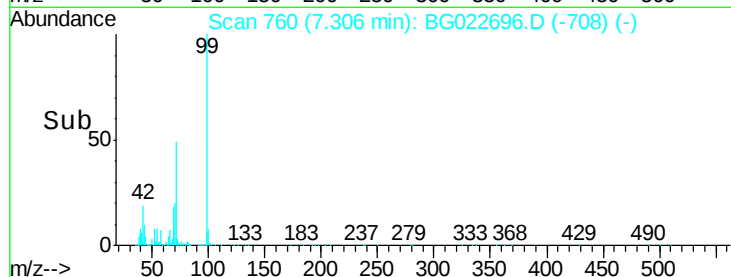
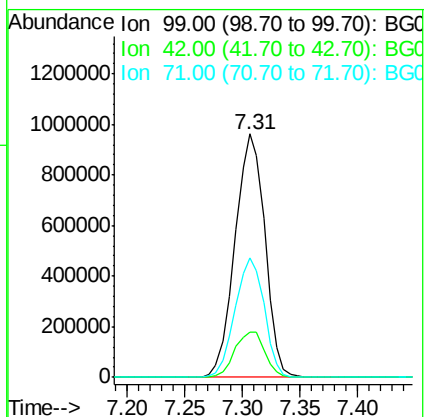
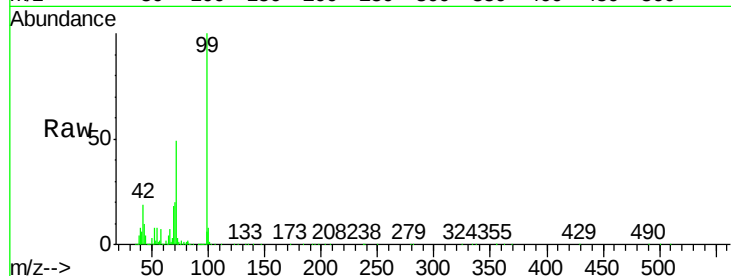
Tgt Ion: 99 Resp: 1724129

Ion Ratio Lower Upper

99 100

42 18.7 17.8 26.6

71 49.0 41.5 62.3



#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

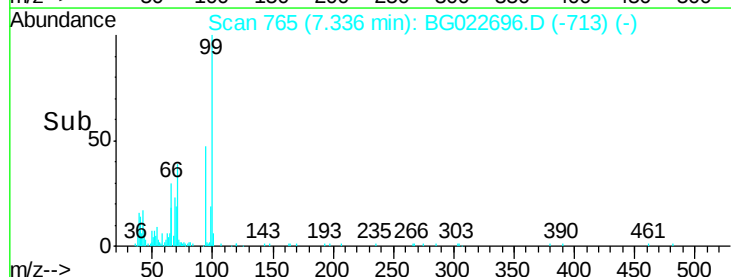
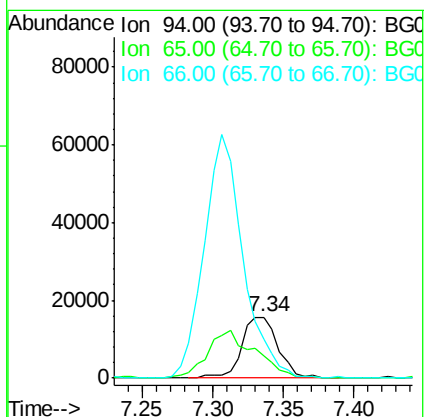
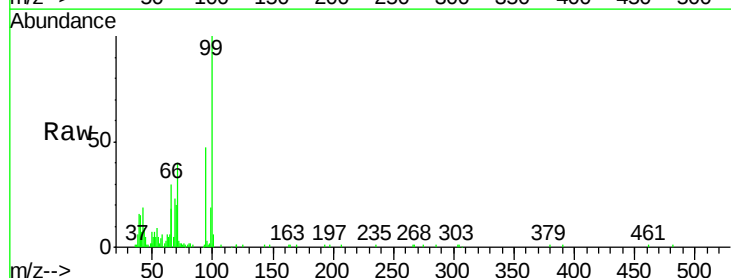
Tgt Ion: 94 Resp: 28159

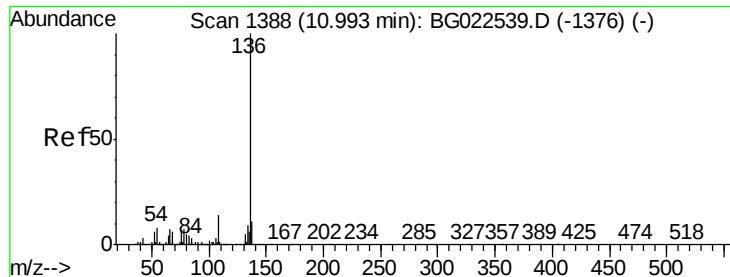
Ion Ratio Lower Upper

94 100

65 37.4 18.1 58.1

66 63.2 42.1 82.1

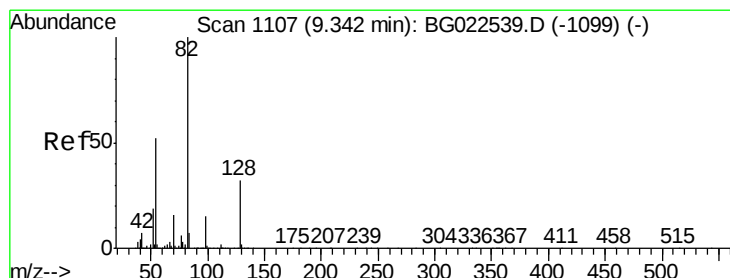
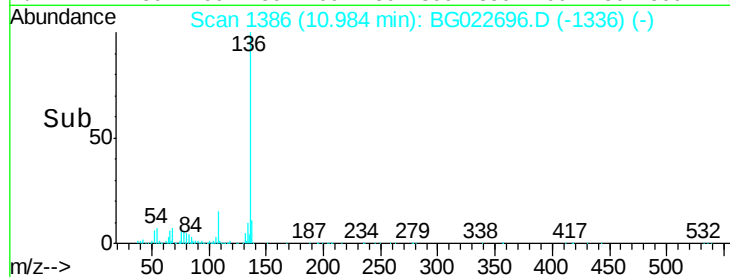
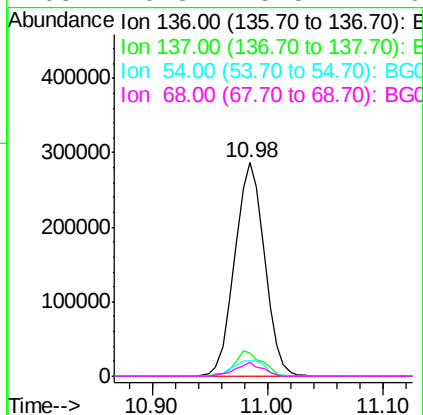
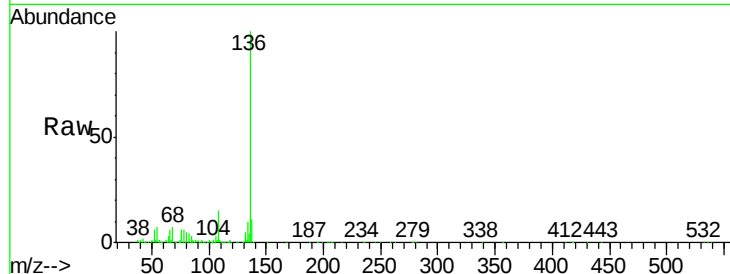




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG022696.D
Acq: 29 Jun 2016 4:27

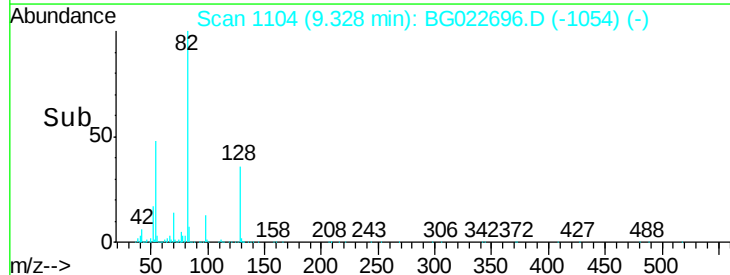
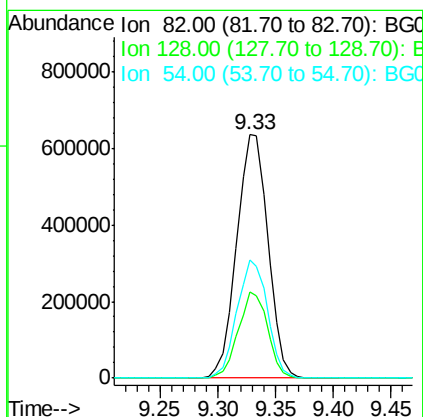
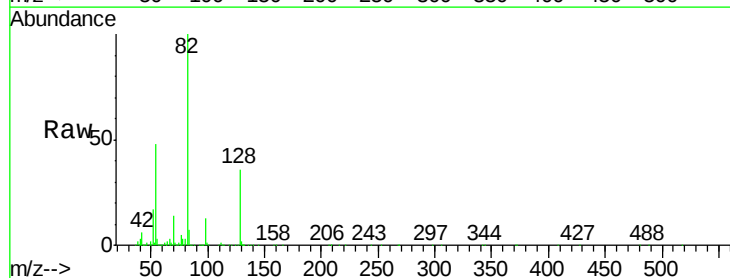
Instrument :
BNA_G
ClientSampleId :
LOCATION-9A-9-11

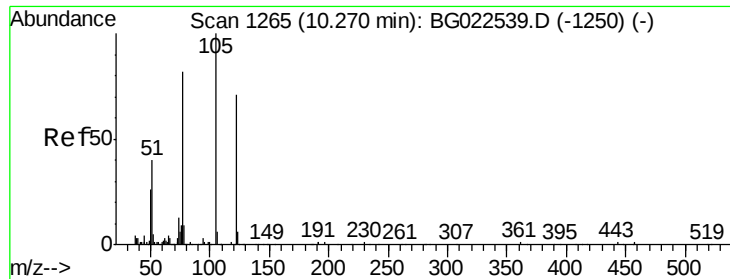
Tgt Ion:	136	Resp:	512217
Ion Ratio		Lower	Upper
136	100		
137	10.6	9.6	14.4
54	7.1	7.3	10.9#
68	6.8	5.3	7.9



#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





#32

Benzoic acid

Concen: 5.14 ng

RT: 10.22 min Scan# 1256

Delta R.T. 0.02 min

Lab File: BG022696.D

Acq: 29 Jun 2016 4:27

Instrument :

BNA_G

ClientSampleId :

LOCATION-9A-9-11

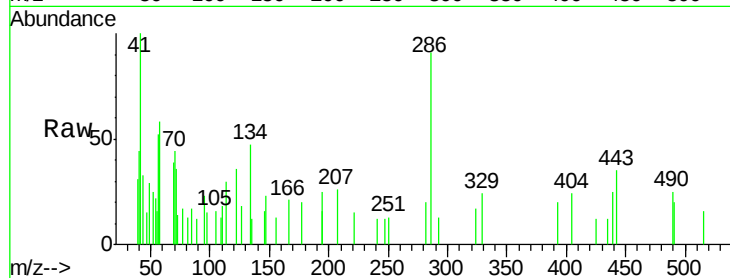
Tgt Ion:122 Resp: 161

Ion Ratio Lower Upper

122 100

105 44.7 117.2 157.2#

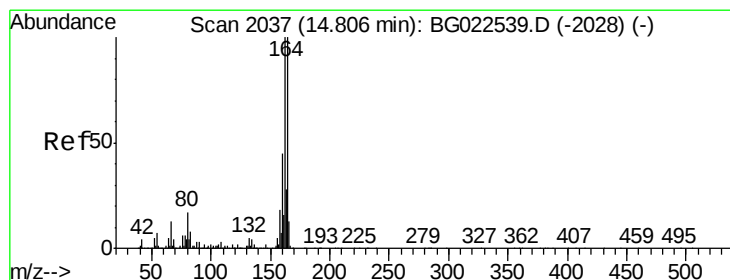
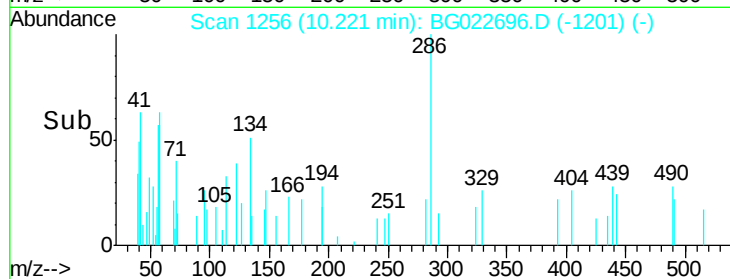
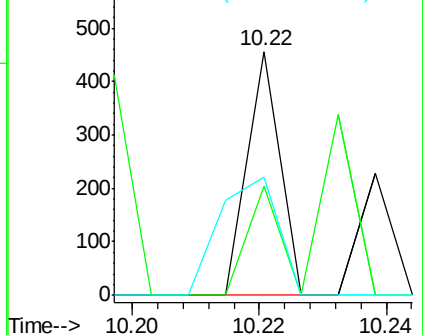
77 48.5 109.2 149.2#



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: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022696.D

Acq: 29 Jun 2016 4:27

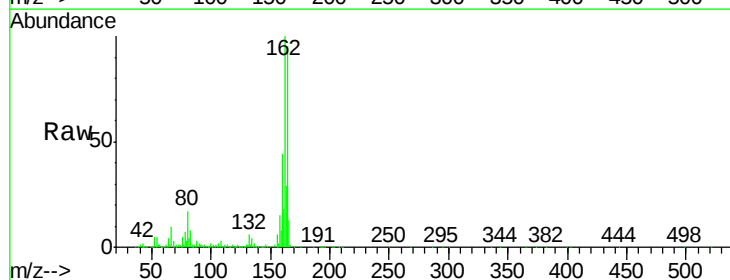
Tgt Ion:164 Resp: 360572

Ion Ratio Lower Upper

164 100

162 105.6 87.7 131.5

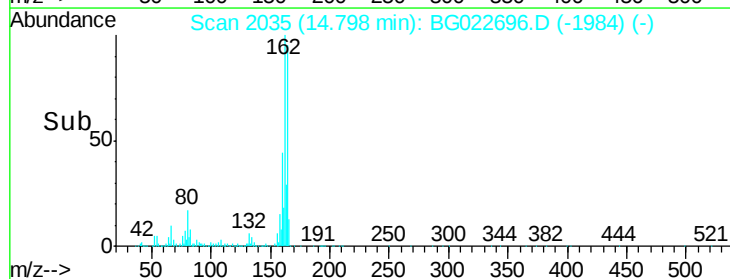
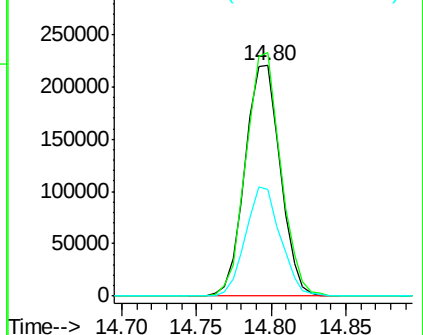
160 46.0 37.2 55.8

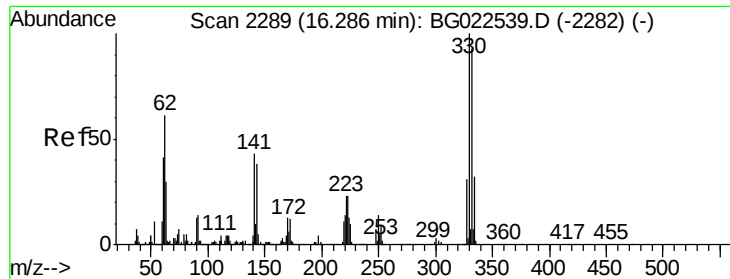


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

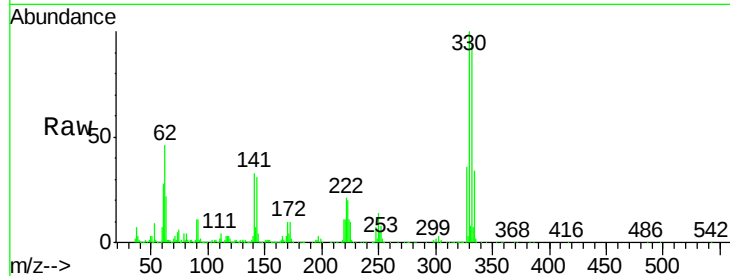




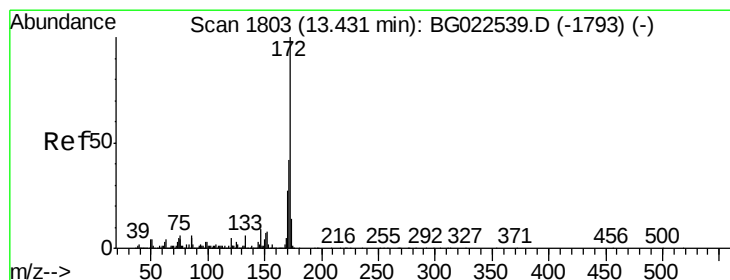
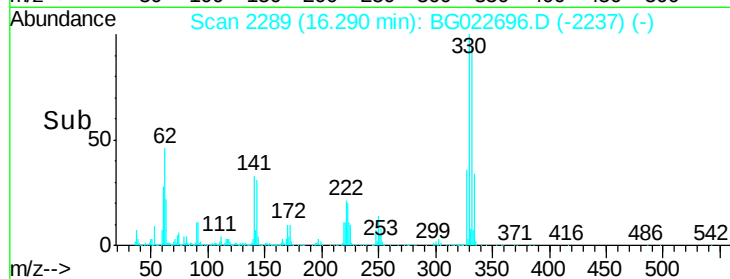
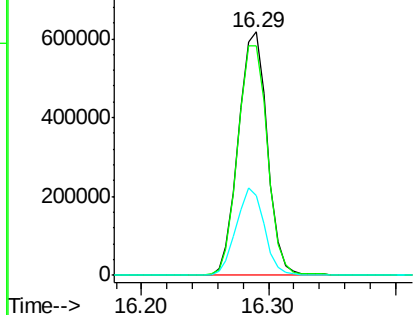
#41
 2,4,6-Tribromophenol
 Concen: 171.47 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG022696.D
 Acq: 29 Jun 2016 4:27

Instrument :
 BNA_G
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 LOCATION-9A-9-11

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

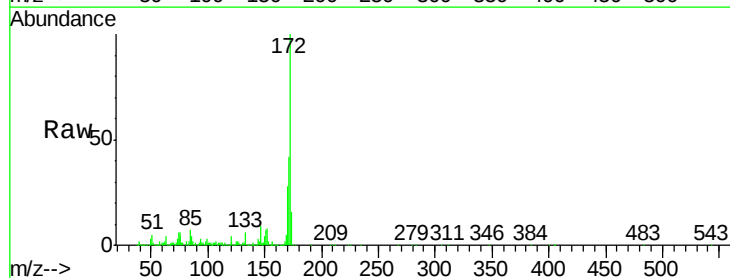


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

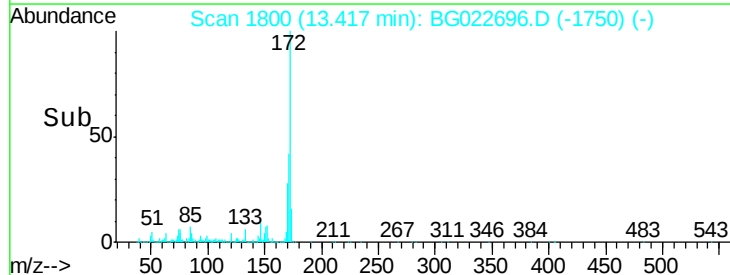
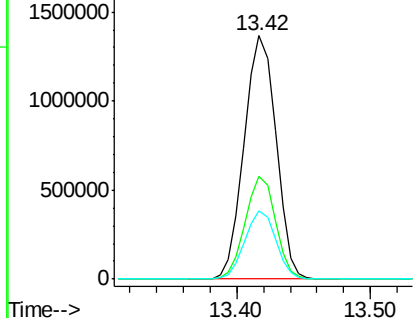


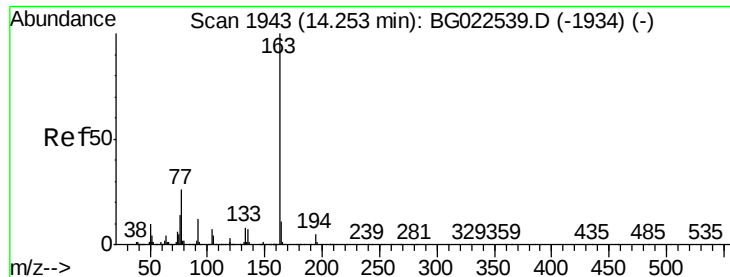
#44
 2-Fluorobiphenyl
 Concen: 99.11 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG022696.D
 Acq: 29 Jun 2016 4:27

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



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: 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

Instrument :

BNA_G

ClientSampleId :

LOCATION-9A-9-11

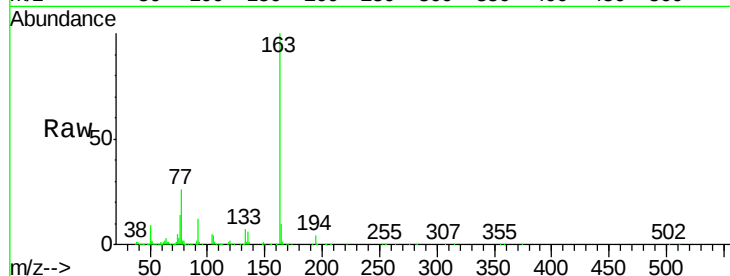
Tgt Ion:163 Resp: 444617

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

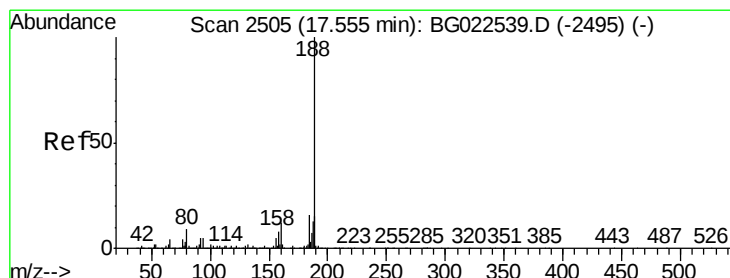
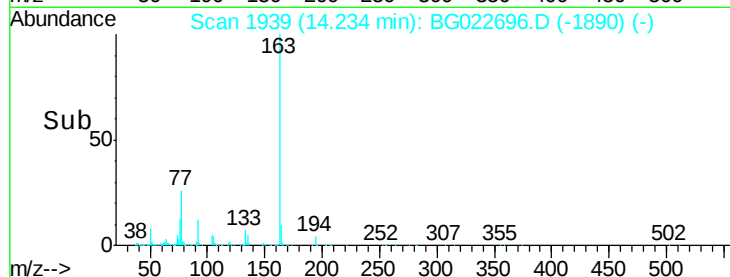
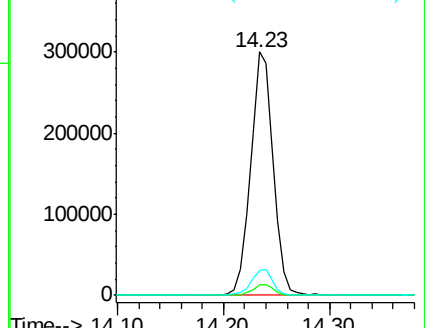
164 10.4 8.1 12.1



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



#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

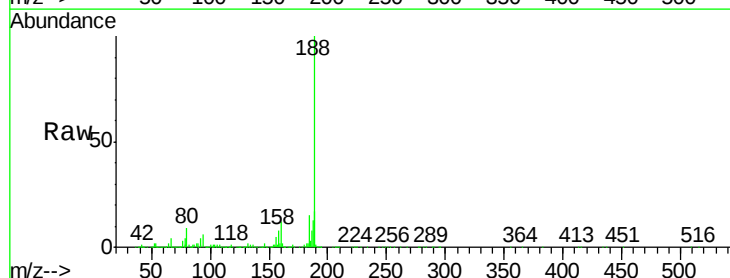
Tgt Ion:188 Resp: 921862

Ion Ratio Lower Upper

188 100

94 6.4 5.2 7.8

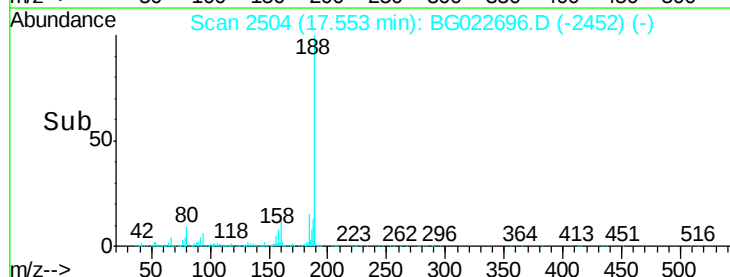
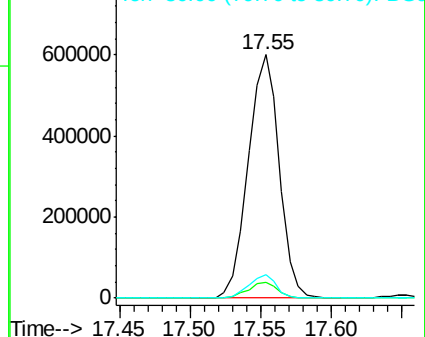
80 9.4 7.2 10.8

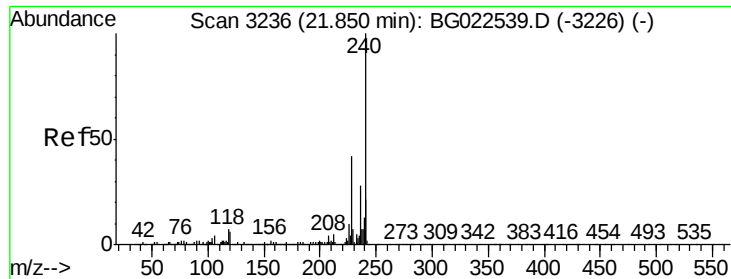


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

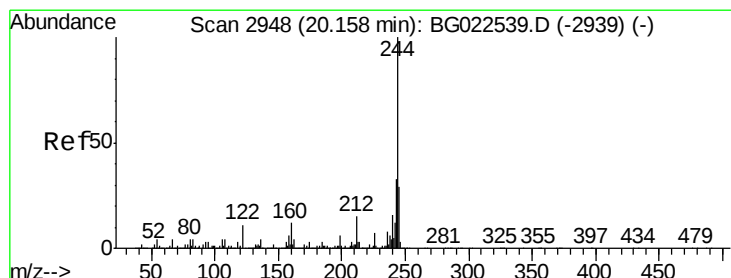
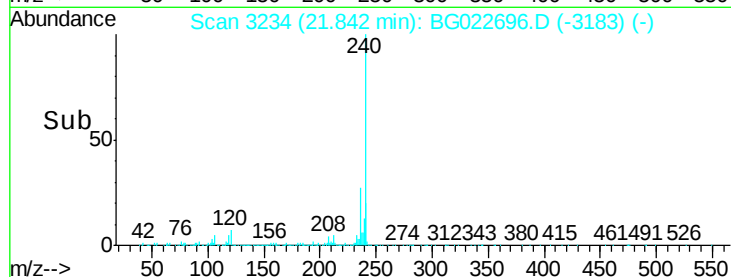
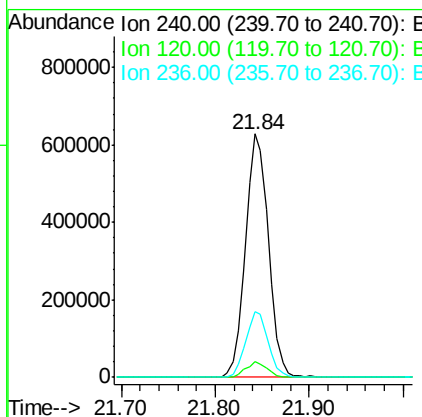
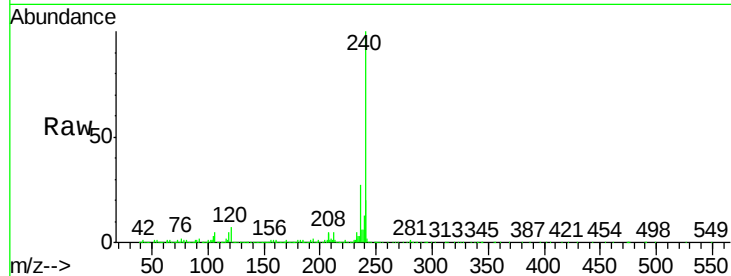




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.84 min Scan# 3234
 Delta R.T. -0.00 min
 Lab File: BG022696.D
 Acq: 29 Jun 2016 4:27

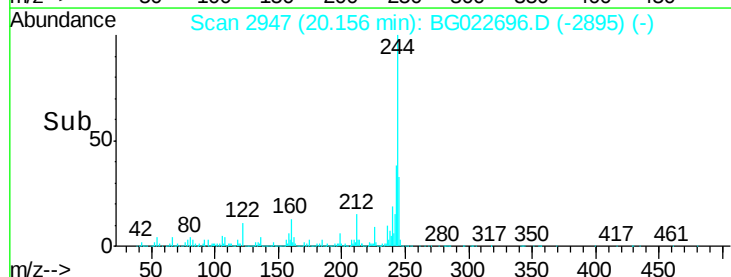
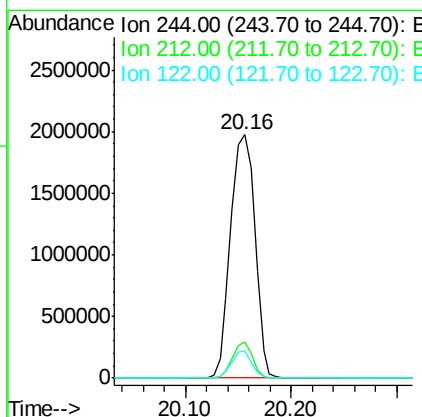
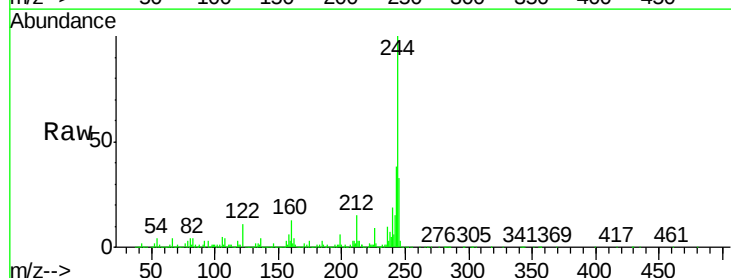
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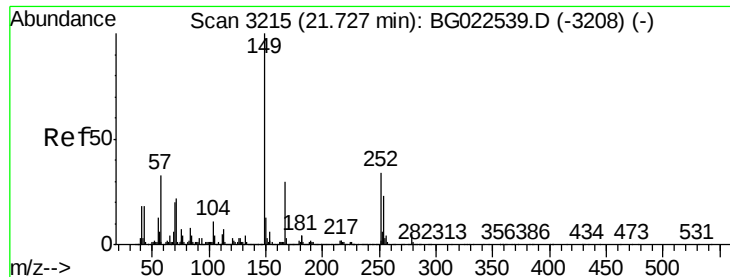
Tgt Ion:240 Resp: 1058885
 Ion Ratio Lower Upper
 240 100
 120 6.5 4.1 6.1#
 236 27.0 21.1 31.7



#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

Tgt Ion:244 Resp: 3159987
 Ion Ratio Lower Upper
 244 100
 212 14.9 10.8 16.2
 122 11.2 8.0 12.0

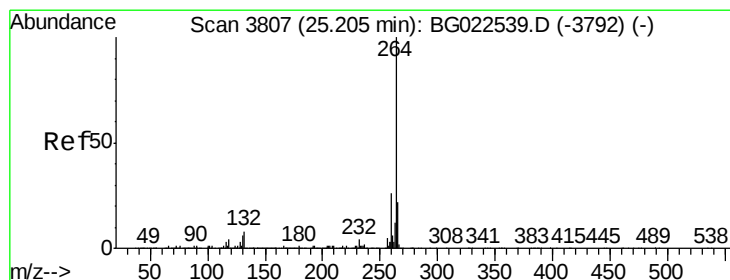
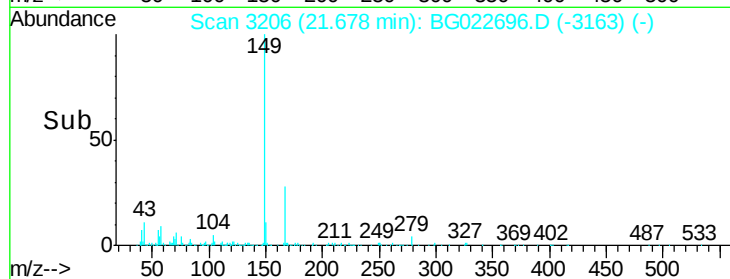
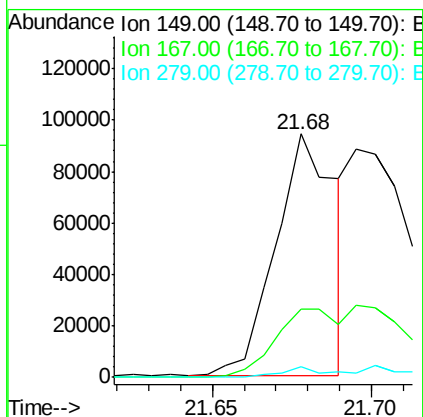
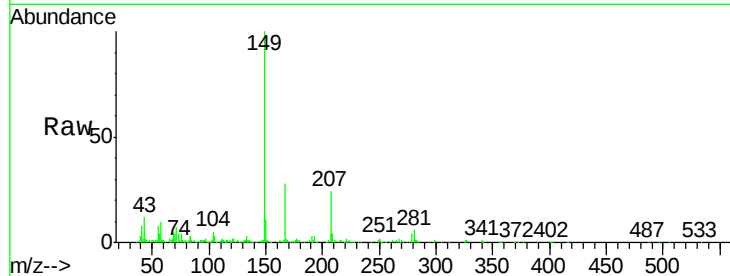




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.62 ng
 RT: 21.68 min Scan# 3206
 Delta R.T. -0.05 min
 Lab File: BG022696.D
 Acq: 29 Jun 2016 4:27

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

Tgt Ion:149 Resp: 124312
 Ion Ratio Lower Upper
 149 100
 167 27.9 24.0 36.0
 279 4.3 4.8 7.2#



#86
 Perylene-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

Tgt Ion:264 Resp: 1062444
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.4 27.6
 265 21.9 18.9 28.3

