

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051015\
 Data File : BG017043.D
 Acq On : 11 May 2015 3:05
 Operator : TP/IZ
 Sample : G2109-09
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-30

Quant Time: May 19 08:17:41 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 07:51:25 2015
 Response via : Initial Calibration

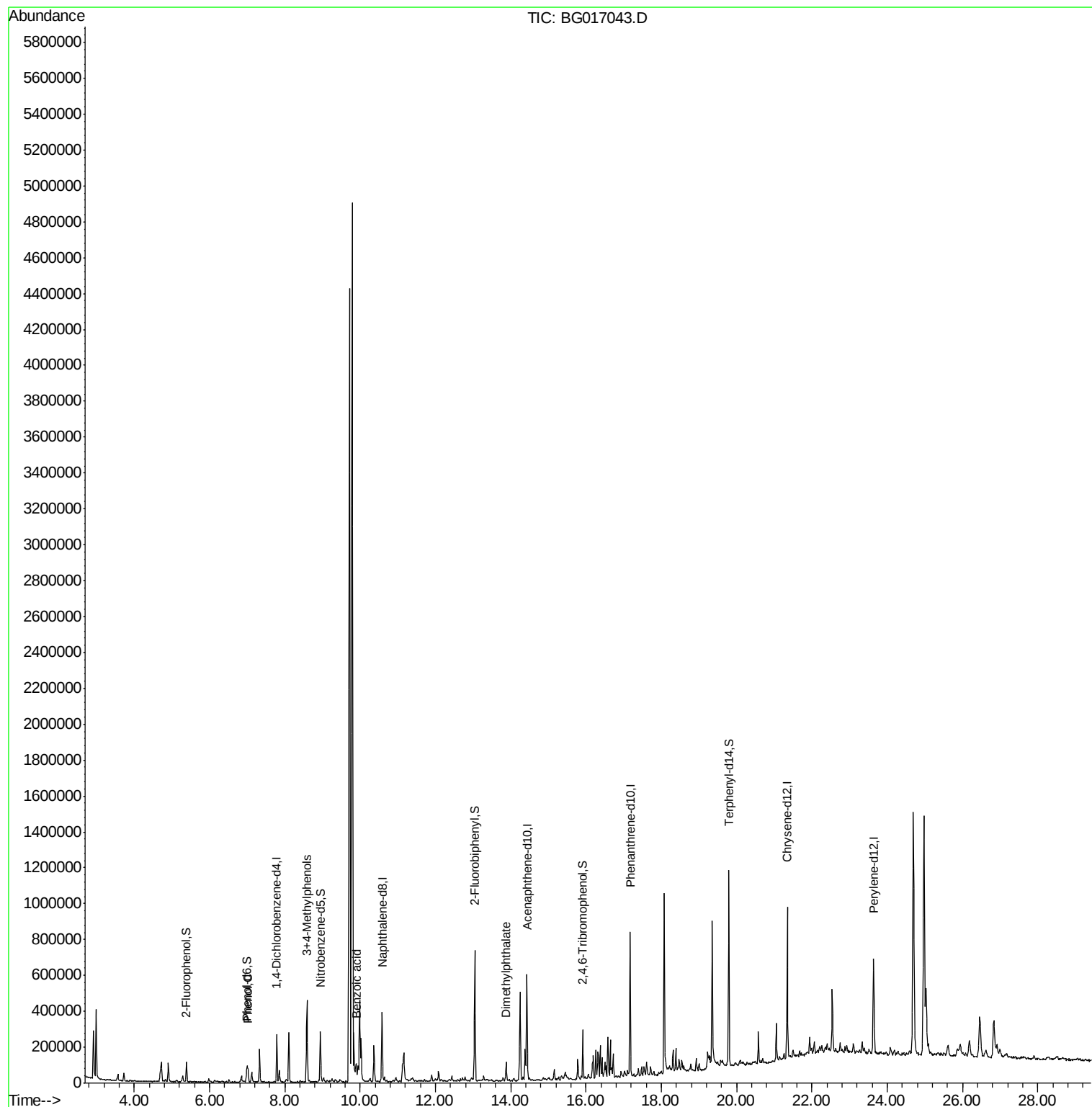
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	59785	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	289554	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	186844	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	409875	20.00	ng	0.00
75) Chrysene-d12	21.35	240	383856	20.00	ng	0.00
86) Perylene-d12	23.64	264	377245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	38669	11.26	ng	0.00
7) Phenol-d6	6.99	99	42238	8.61	ng	0.02
23) Nitrobenzene-d5	8.94	82	149667	25.25	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	35681	19.02	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	322627	26.06	ng	0.00
78) Terphenyl-d14	19.79	244	426475	26.05	ng	0.00
Target Compounds						
10) Phenol	7.02	94	36729	6.98	ng	Qvalue 95
20) 3+4-Methylphenols	8.59	107	174071	34.10	ng	84
32) Benzoic acid	9.90	122	49093	22.50	ng	# 87
49) Dimethylphthalate	13.88	163	43824	3.14	ng	# 97

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

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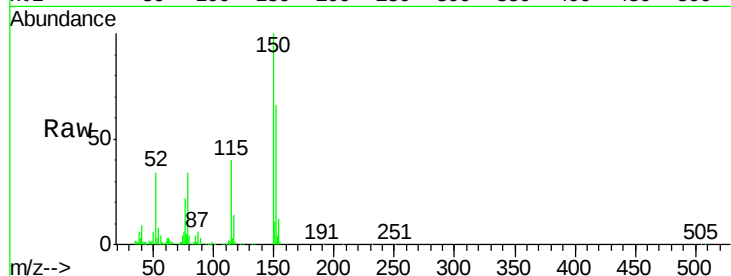


#1

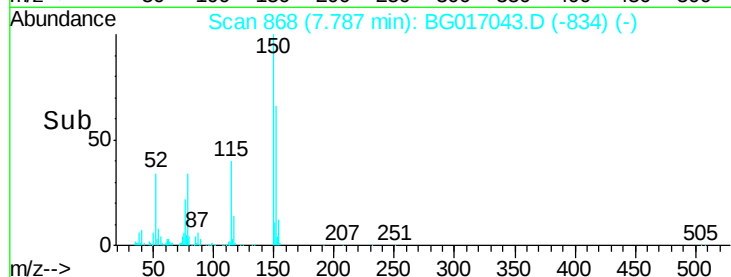
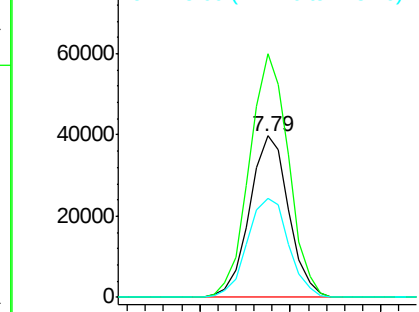
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.00 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

Instrument :
BNA_G
ClientSampled :
W-30

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.2	121.0	181.4
115	61.2	50.5	75.7



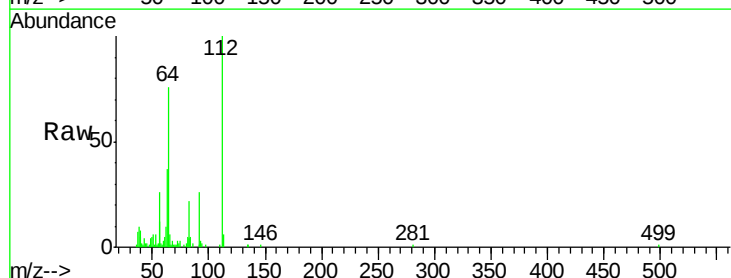
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



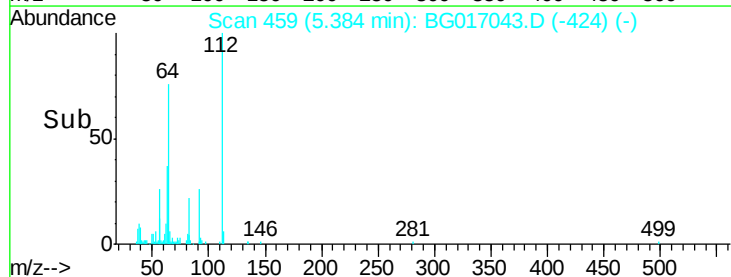
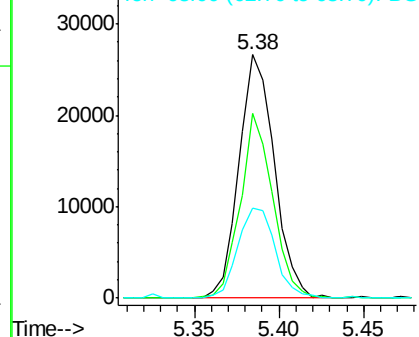
#5

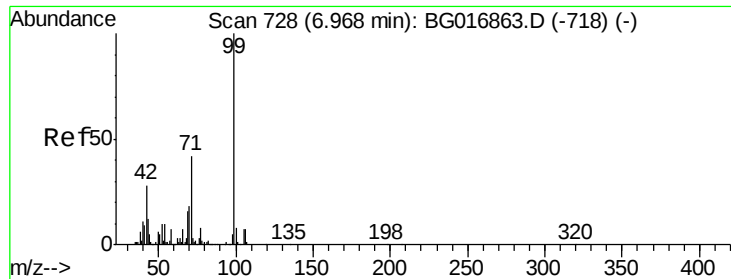
2-Fluorophenol
Concen: 11.26 ng
RT: 5.38 min Scan# 459
Delta R.T. 0.00 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.7	51.4	77.2
63	36.9	28.1	42.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 8.61 ng

RT: 6.99 min Scan# 732

Delta R.T. 0.02 min

Lab File: BG017043.D

Acq: 11 May 2015 3:05

Instrument :

BNA_G

ClientSampleId :

W-30

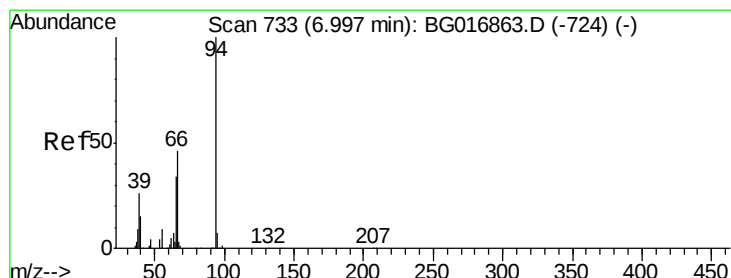
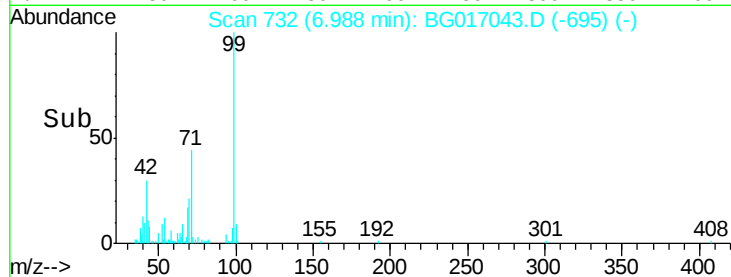
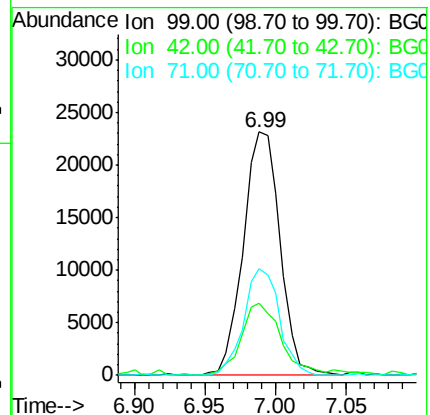
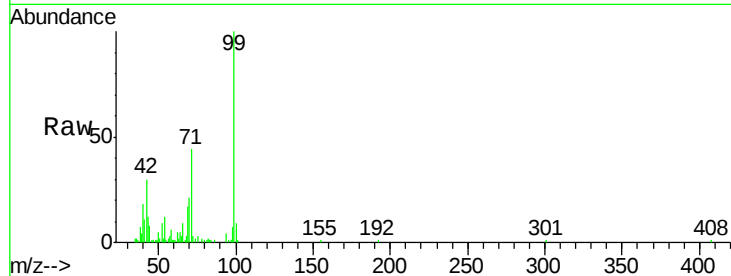
Tgt Ion: 99 Resp: 42238

Ion Ratio Lower Upper

99 100

42 29.7 22.1 33.1

71 44.0 33.4 50.0



#10

Phenol

Concen: 6.98 ng

RT: 7.02 min Scan# 737

Delta R.T. 0.02 min

Lab File: BG017043.D

Acq: 11 May 2015 3:05

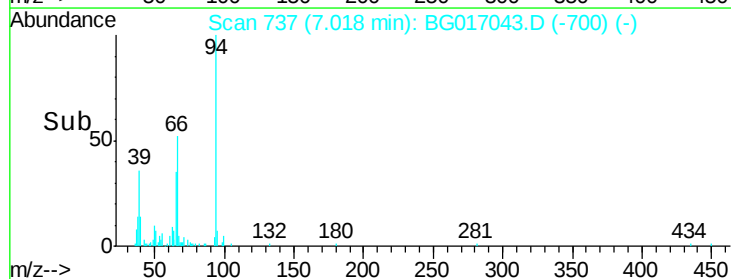
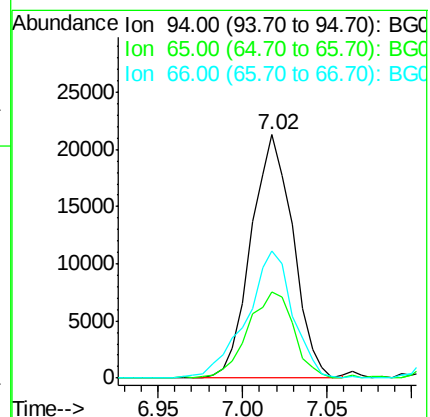
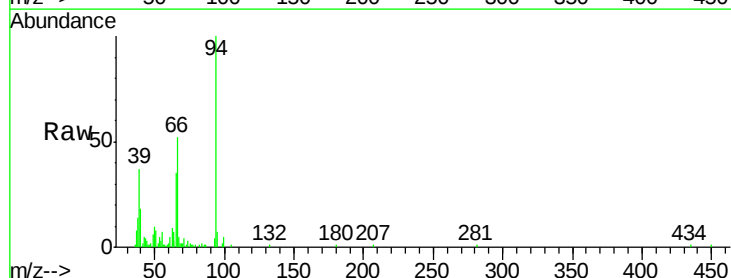
Tgt Ion: 94 Resp: 36729

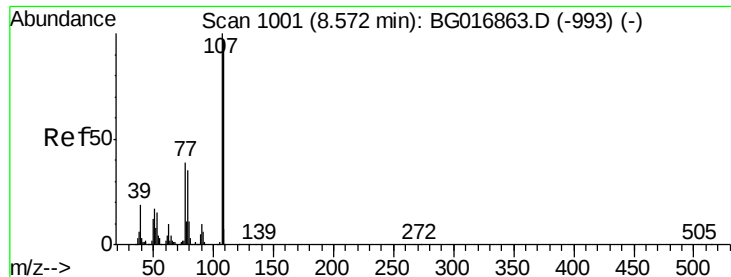
Ion Ratio Lower Upper

94 100

65 35.2 14.3 54.3

66 52.3 26.9 66.9

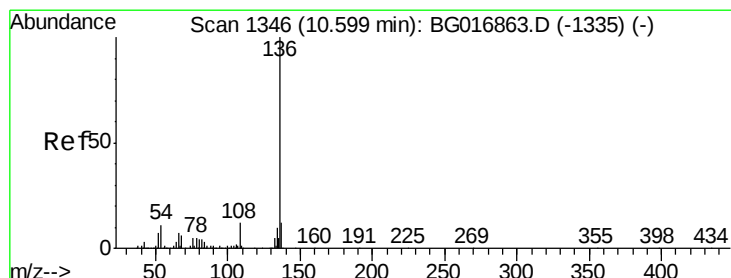
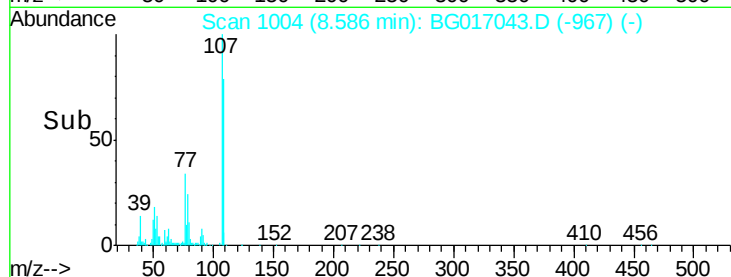
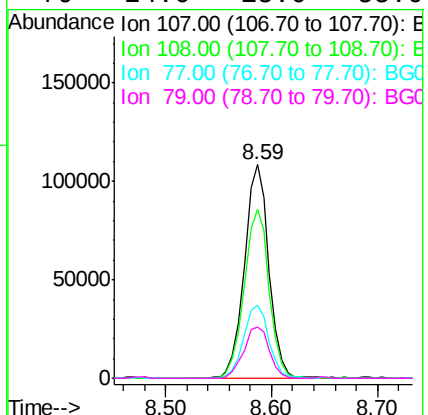
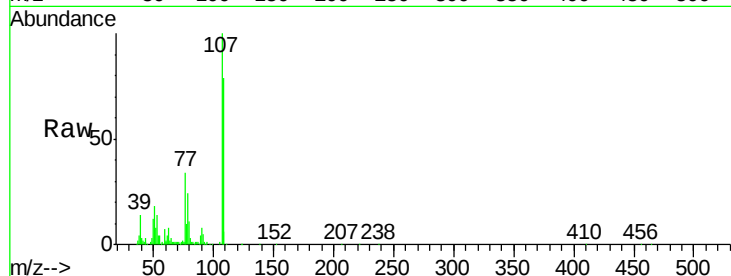




#20
3+4-Methylphenols
Concen: 34.10 ng
RT: 8.59 min Scan# 1004
Delta R.T. 0.02 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

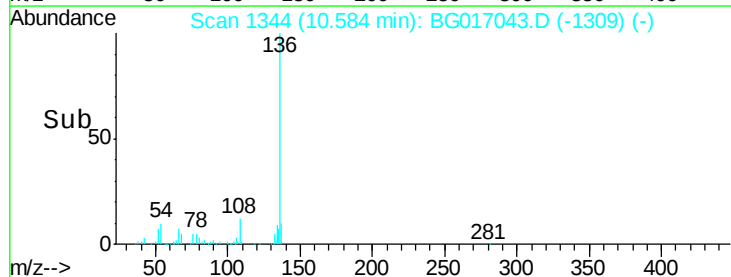
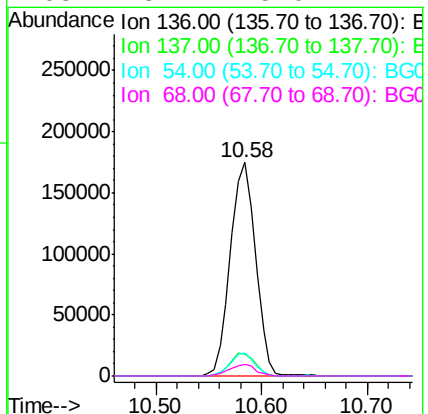
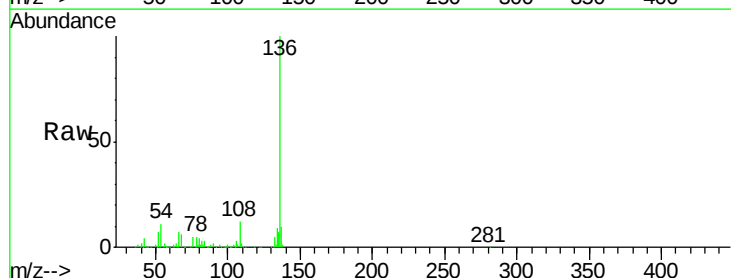
Instrument :
BNA_G
ClientSampleId :
W-30

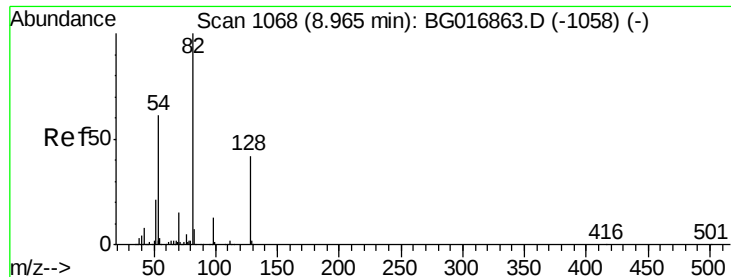
Tgt Ion:	107	Resp:	174071
Ion	Ratio	Lower	Upper
107	100		
108	79.2	76.6	116.6
77	34.0	19.0	59.0
79	24.0	15.0	55.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

Tgt Ion:	136	Resp:	289554
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.8
54	10.5	8.7	13.1
68	5.7	5.0	7.4

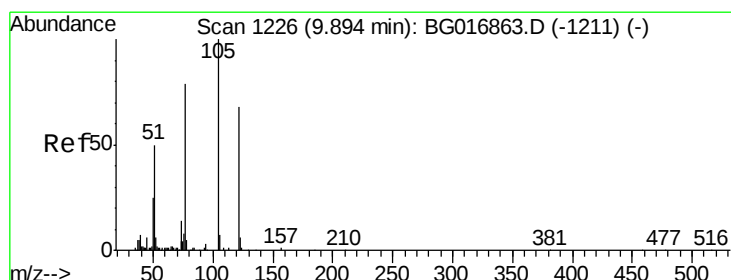
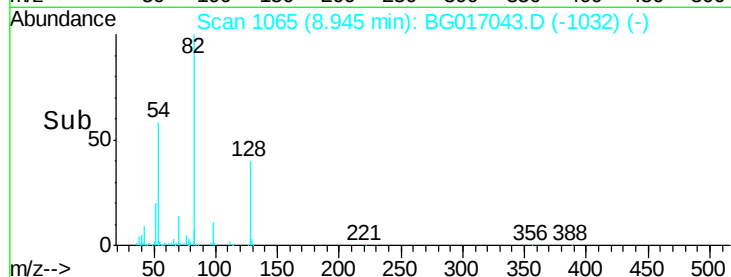
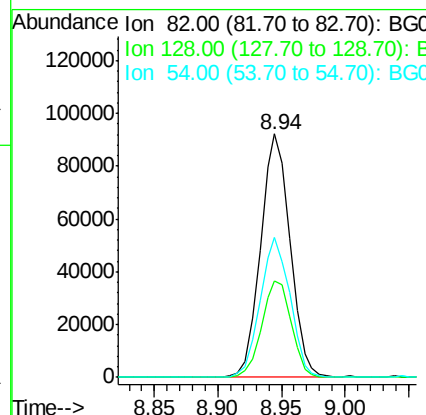
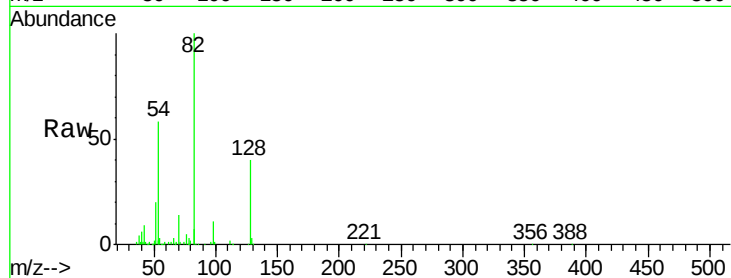




#23
 Nitrobenzene-d5
 Concen: 25.25 ng
 RT: 8.94 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BG017043.D
 Acq: 11 May 2015 3:05

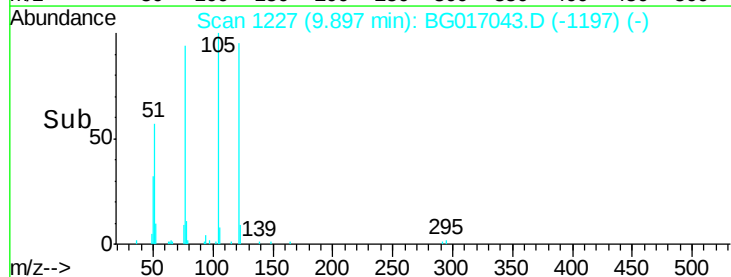
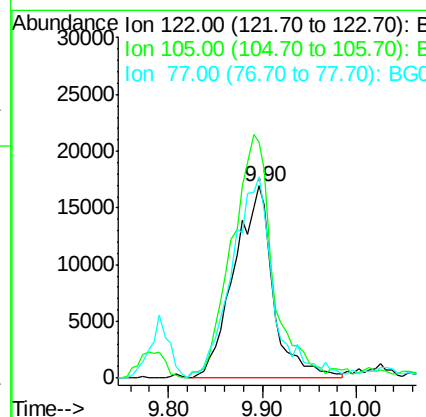
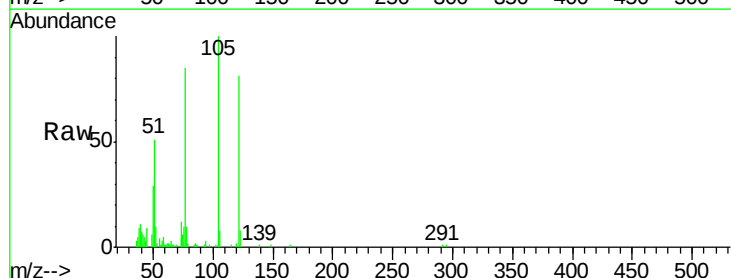
Instrument :
 BNA_G
 ClientSampleId :
 W-30

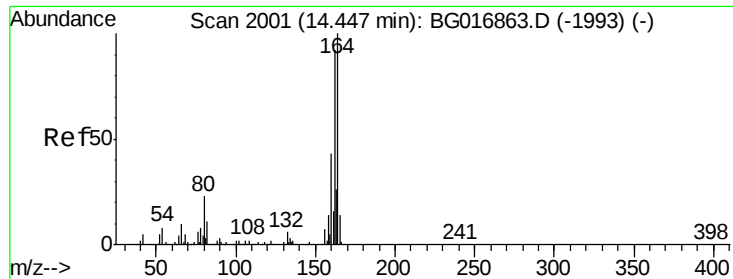
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.5	33.2	49.8
54	57.5	48.6	72.8



#32
 Benzoic acid
 Concen: 22.50 ng
 RT: 9.90 min Scan# 1227
 Delta R.T. -0.02 min
 Lab File: BG017043.D
 Acq: 11 May 2015 3:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.9	123.2	163.2#
77	104.9	93.0	133.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.43 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BG017043.D

Acq: 11 May 2015 3:05

Instrument :

BNA_G

ClientSampleId :

W-30

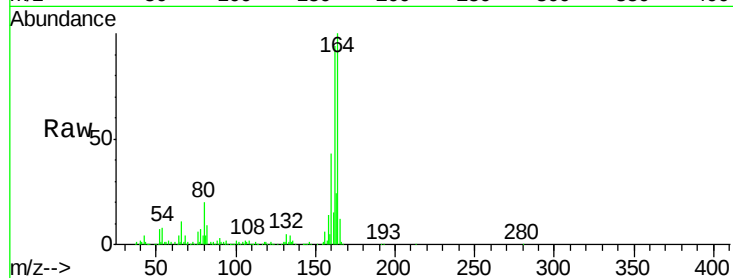
Tgt Ion:164 Resp: 186844

Ion Ratio Lower Upper

164 100

162 93.6 74.0 111.0

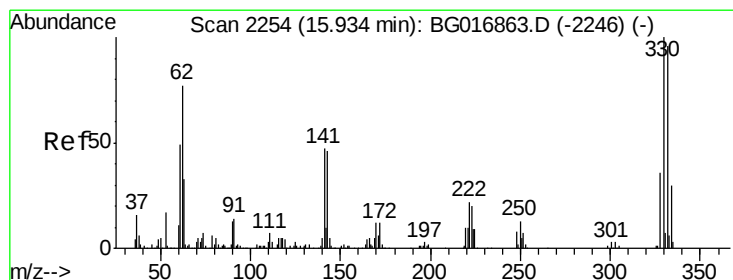
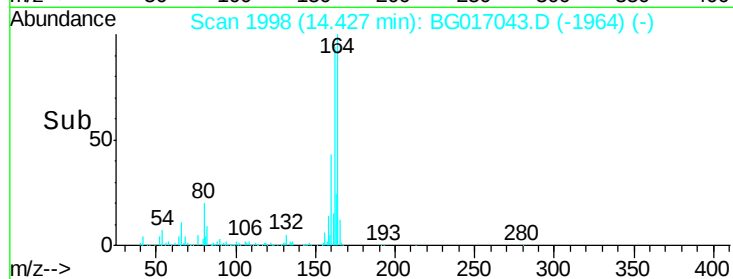
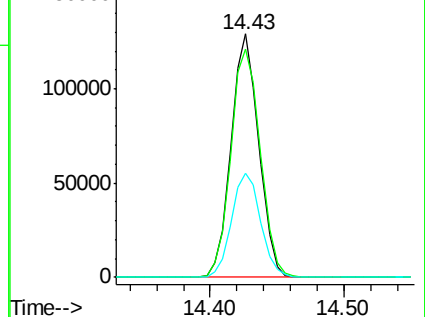
160 42.6 34.7 52.1



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: 19.02 ng

RT: 15.92 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BG017043.D

Acq: 11 May 2015 3:05

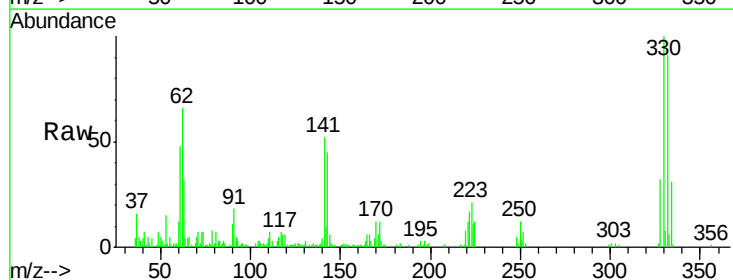
Tgt Ion:330 Resp: 35681

Ion Ratio Lower Upper

330 100

332 94.9 0.0 0.0#

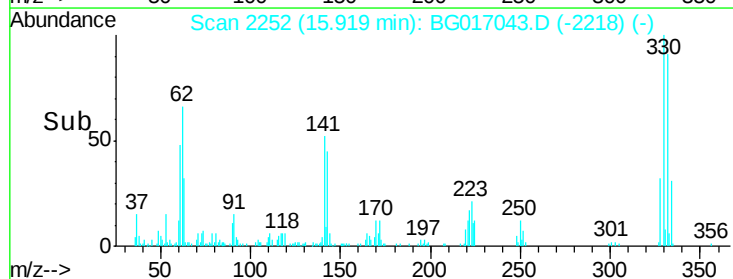
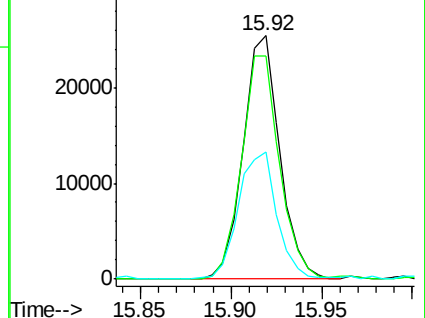
141 55.1 0.0 0.0#

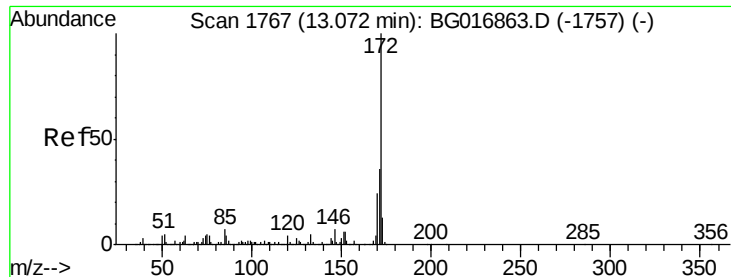


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

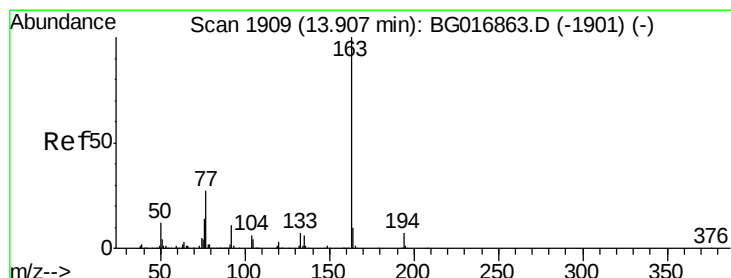
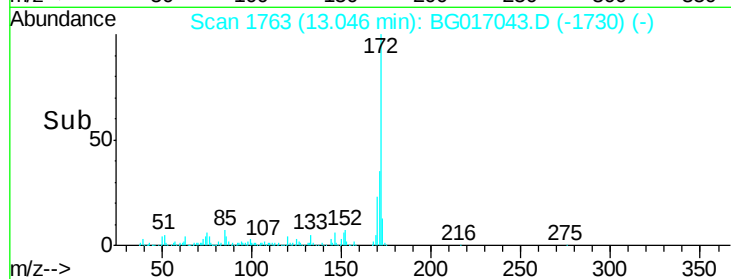
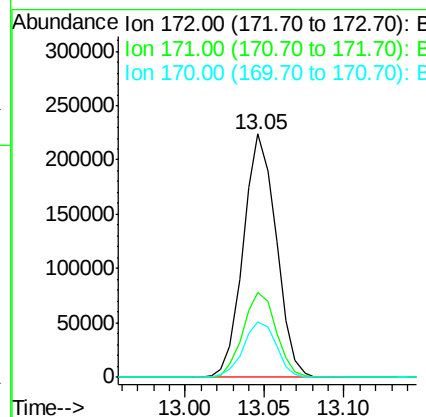
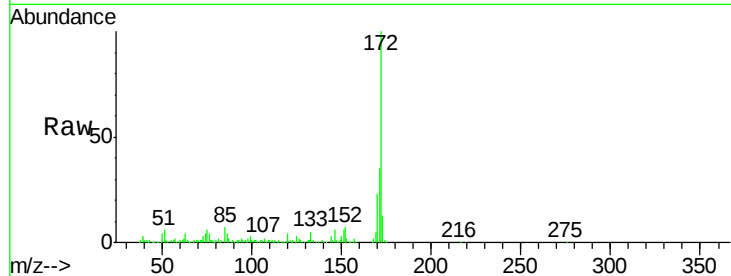




#44
2-Fluorobiphenyl
Concen: 26.06 ng
RT: 13.05 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

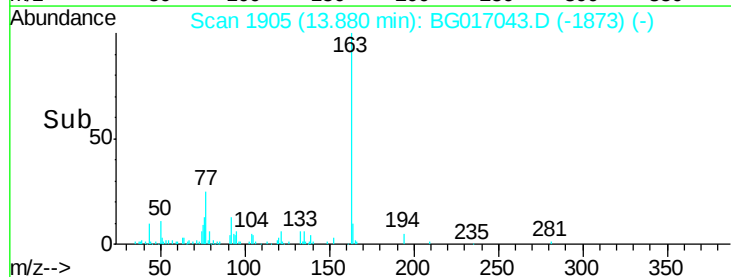
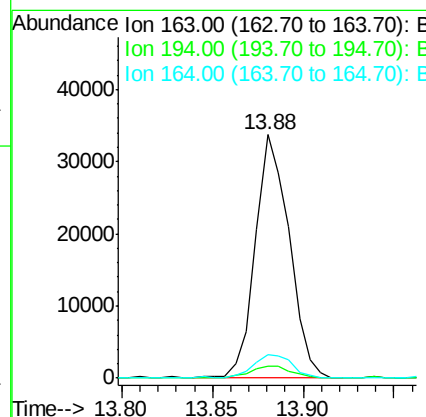
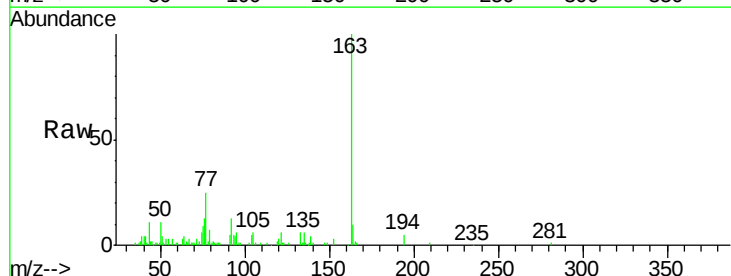
Instrument :
BNA_G
ClientSampleId :
W-30

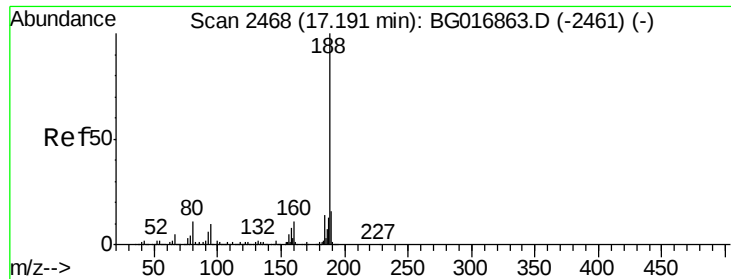
Tgt Ion:	172	Resp:	322627
Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.0	43.4
170	22.8	19.0	28.4



#49
Dimethylphthalate
Concen: 3.14 ng
RT: 13.88 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

Tgt Ion:	163	Resp:	43824
Ion	Ratio	Lower	Upper
163	100		
194	4.9	5.2	7.8#
164	9.6	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG017043.D

Acq: 11 May 2015 3:05

Instrument :

BNA_G

ClientSampleId :

W-30

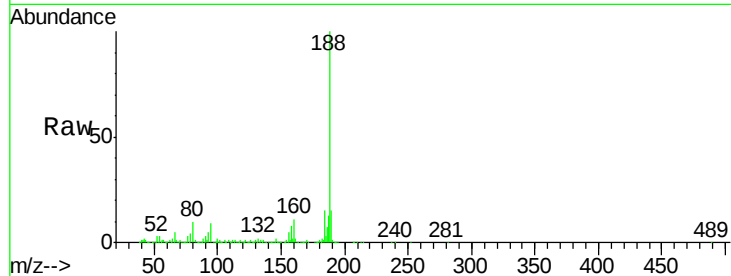
Tgt Ion:188 Resp: 409875

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.4

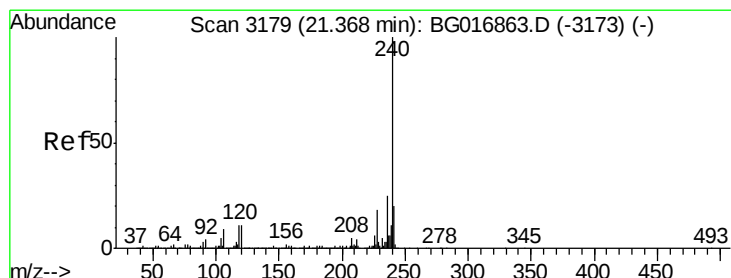
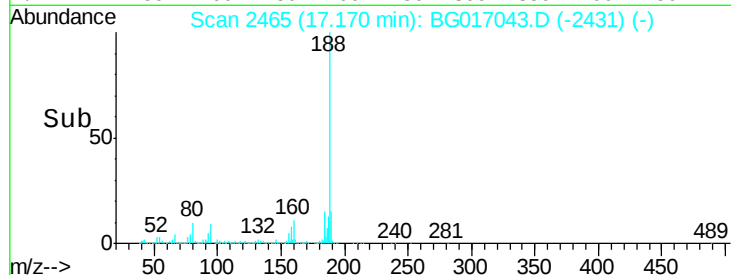
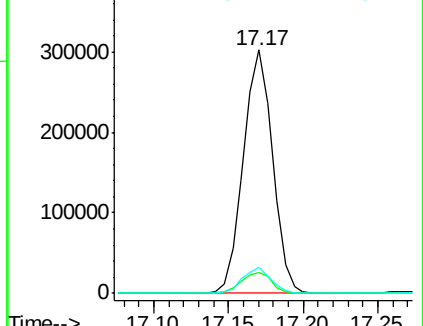
80 10.4 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 3176

Delta R.T. -0.00 min

Lab File: BG017043.D

Acq: 11 May 2015 3:05

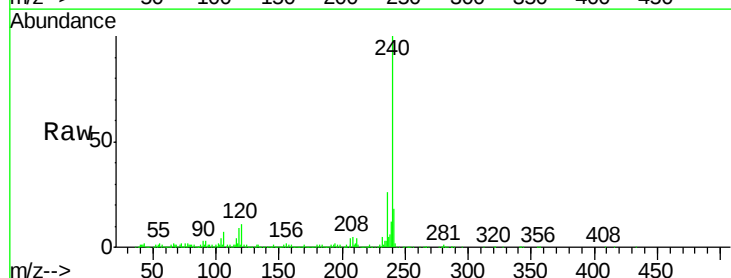
Tgt Ion:240 Resp: 383856

Ion Ratio Lower Upper

240 100

120 10.9 9.1 13.7

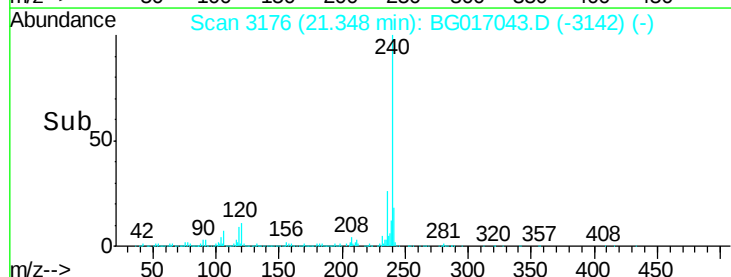
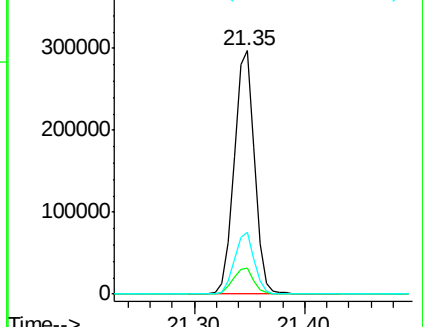
236 25.6 20.2 30.4

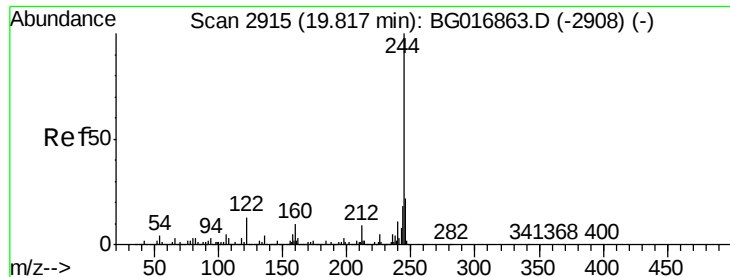


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 26.05 ng

RT: 19.79 min Scan# 2911

Delta R.T. -0.01 min

Lab File: BG017043.D

Acq: 11 May 2015 3:05

Instrument :

BNA_G

ClientSampleId :

W-30

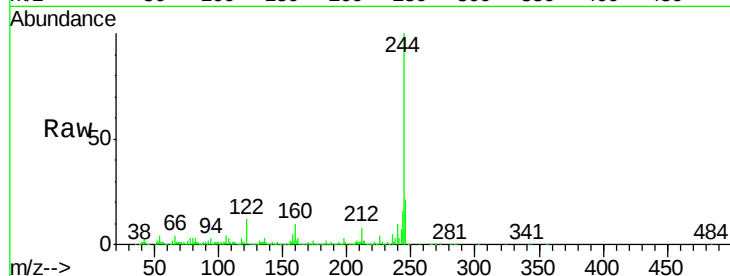
Tgt Ion:244 Resp: 426475

Ion Ratio Lower Upper

244 100

212 7.5 7.0 10.6

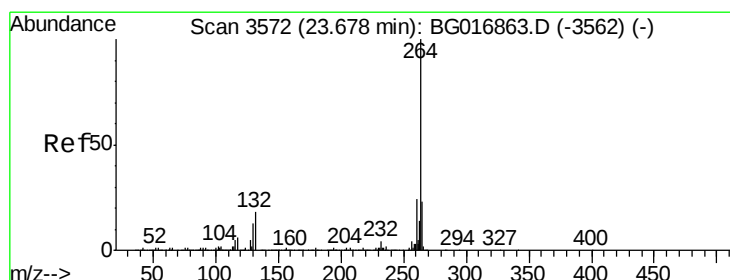
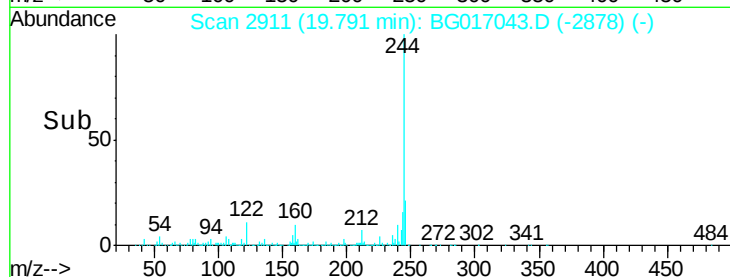
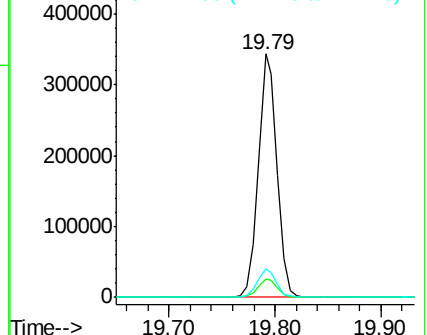
122 11.6 10.4 15.6



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.64 min Scan# 3566

Delta R.T. -0.01 min

Lab File: BG017043.D

Acq: 11 May 2015 3:05

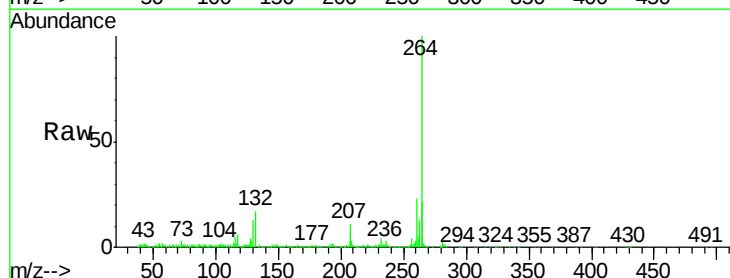
Tgt Ion:264 Resp: 377245

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 20.9 18.5 27.7



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

