

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052715\
 Data File : BG017299.D
 Acq On : 27 May 2015 12:17
 Operator : TP/IZ
 Sample : G2255-07DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-150512DL

Quant Time: May 28 03:12:39 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 02:22:53 2015
 Response via : Initial Calibration

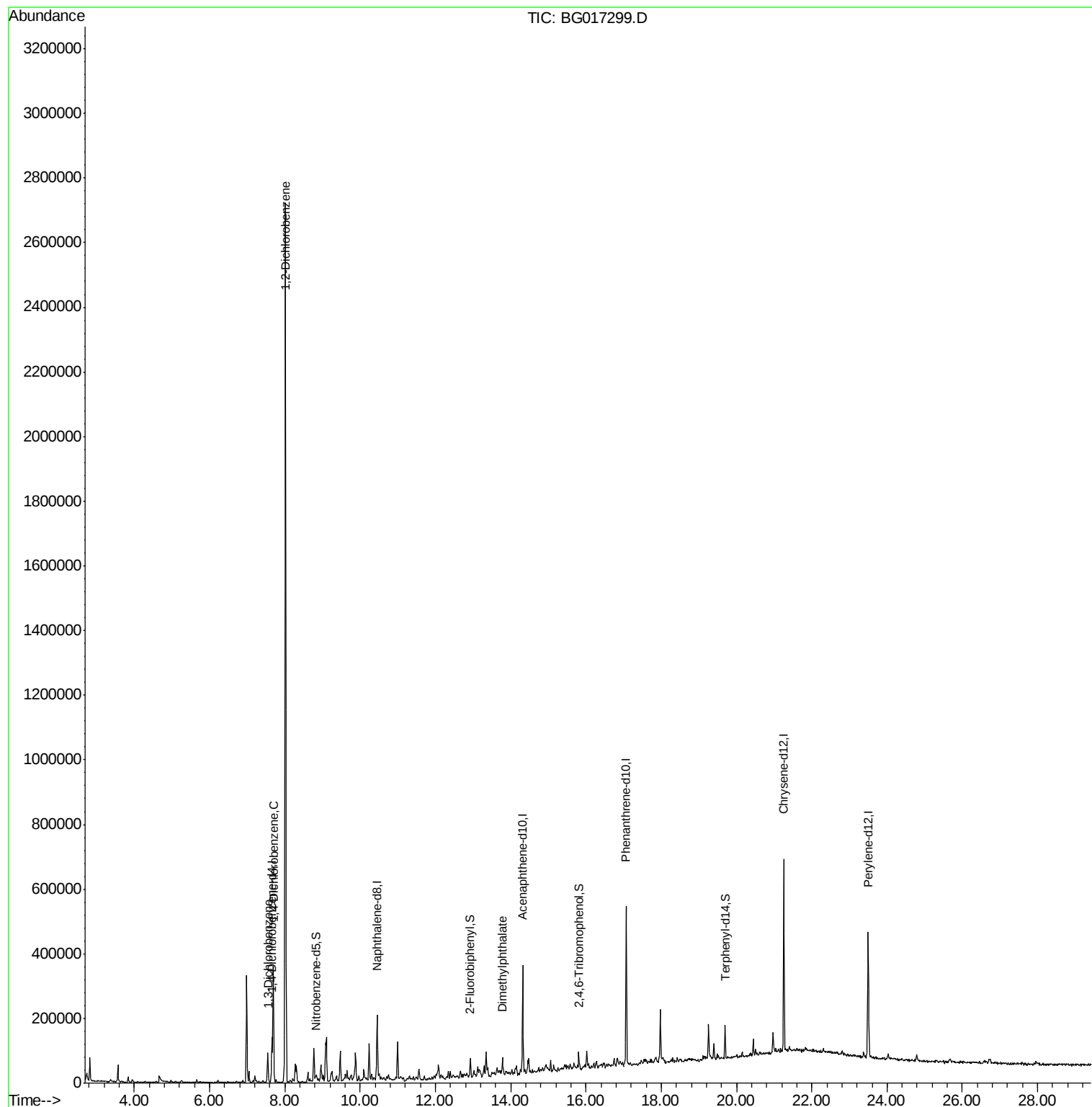
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	32232	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	144284	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	104553	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	248810	20.00	ng	0.00
75) Chrysene-d12	21.26	240	256069	20.00	ng	0.00
86) Perylene-d12	23.50	264	260637	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	2456	1.35	ng	0.00
7) Phenol-d6	6.87	99	2685	1.05	ng	0.00
23) Nitrobenzene-d5	8.82	82	8479	2.74	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	6223	4.92	ng	-0.01
44) 2-Fluorobiphenyl	12.94	172	18698	2.62	ng	0.00
78) Terphenyl-d14	19.70	244	40236	3.27	ng	0.00
Target Compounds						
12) 1,3-Dichlorobenzene	7.55	146	30354	12.51	ng	98
13) 1,4-Dichlorobenzene	7.70	146	120521	49.19	ng	97
14) 1,2-Dichlorobenzene	8.02	146	926298	395.82	ng	98
49) Dimethylphthalate	13.78	163	26828	3.28	ng	99

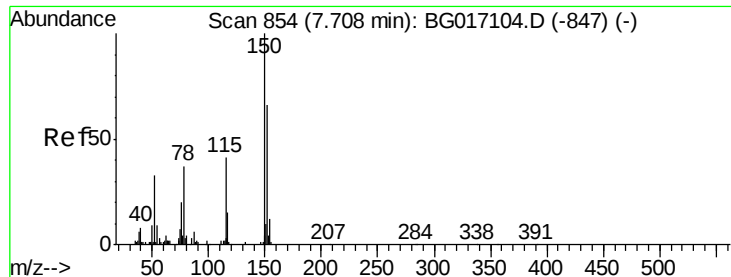
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 28 02:22:53 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG017299.D

Acq: 27 May 2015 12:17

Instrument :

BNA_G

ClientSampleId :

SS043MW009-150512DL

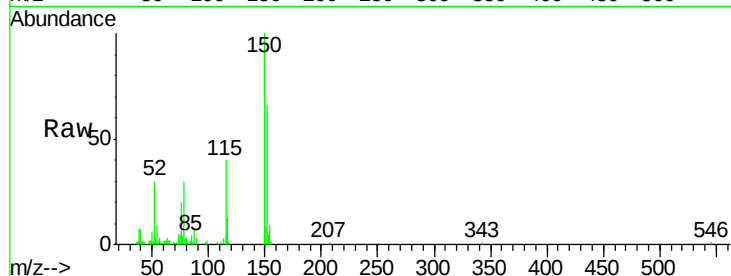
Tot Ion:152 Resp: 32232

Ion Ratio Lower Upper

152 100

150 151.1 120.8 181.2

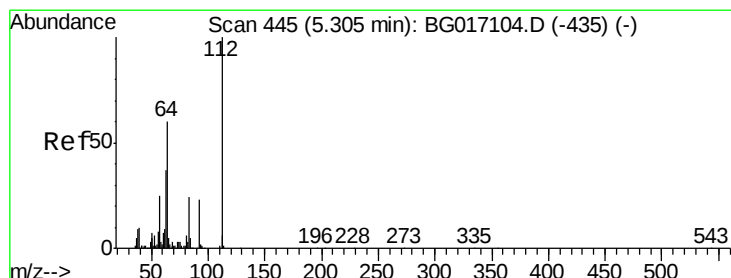
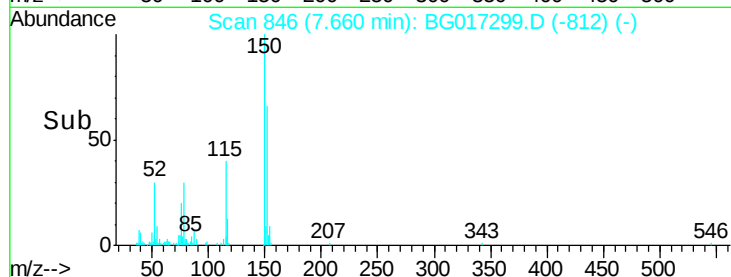
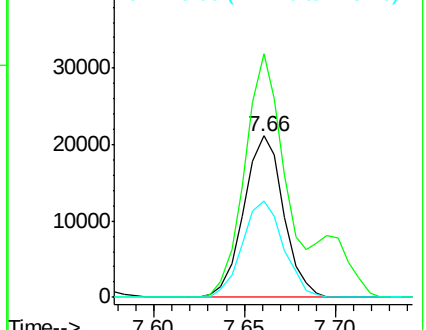
115 60.1 49.4 74.2



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: 1.35 ng

RT: 5.26 min Scan# 438

Delta R.T. 0.01 min

Lab File: BG017299.D

Acq: 27 May 2015 12:17

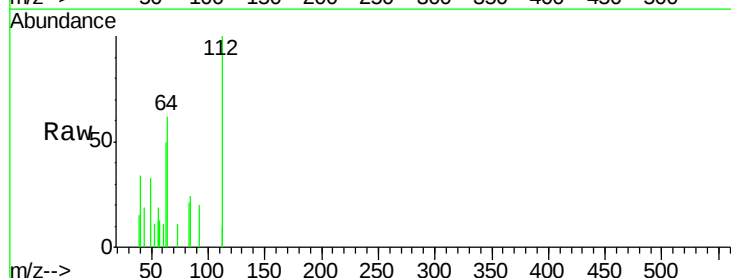
Tgt Ion:112 Resp: 2456

Ion Ratio Lower Upper

112 100

64 62.2 48.1 72.1

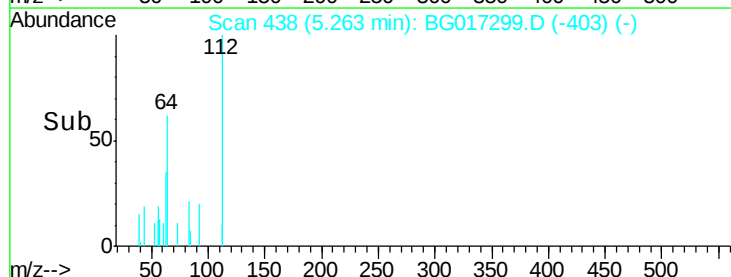
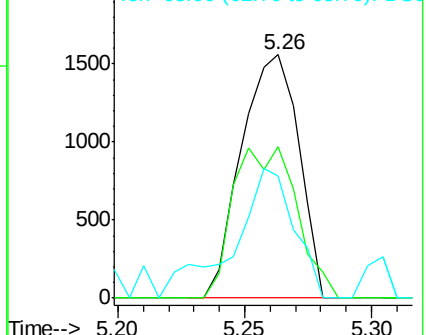
63 50.0 29.8 44.8#

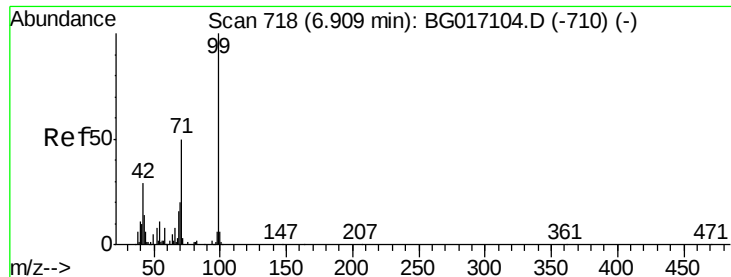


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 1.05 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.01 min

Lab File: BG017299.D

Acq: 27 May 2015 12:17

Instrument :

BNA_G

ClientSampleId :

SS043MW009-150512DL

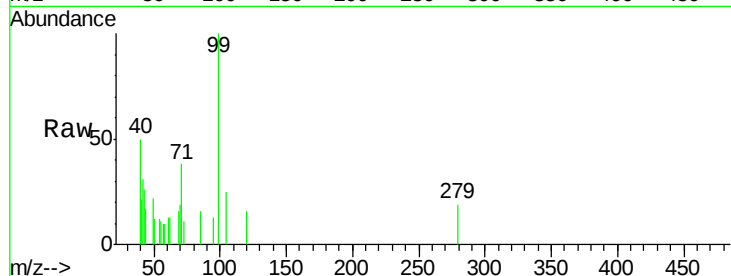
Tot Ion: 99 Resp: 2685

Ion Ratio Lower Upper

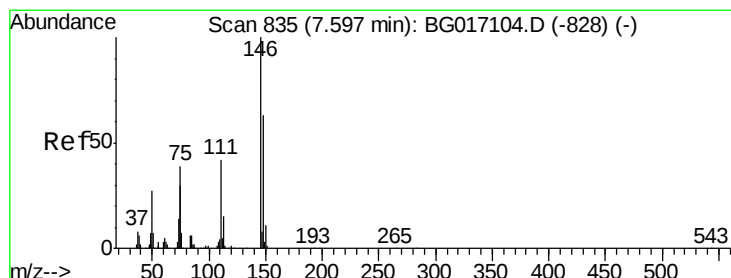
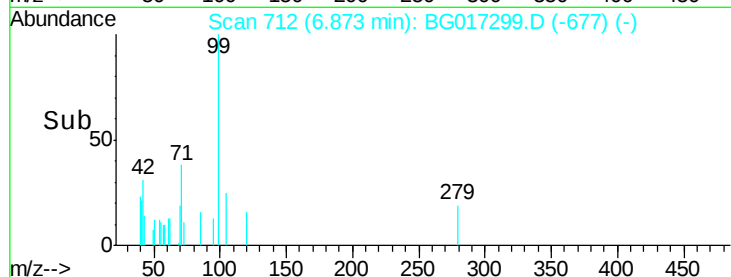
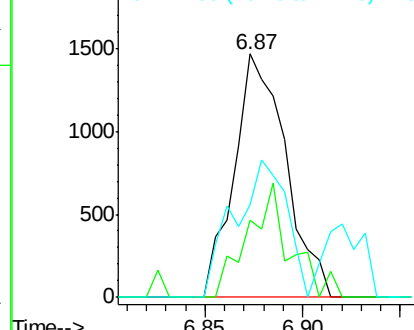
99 100

42 31.5 23.5 35.3

71 37.9 39.8 59.8#



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



#12

1,3-Dichlorobenzene

Concen: 12.51 ng

RT: 7.55 min Scan# 827

Delta R.T. 0.00 min

Lab File: BG017299.D

Acq: 27 May 2015 12:17

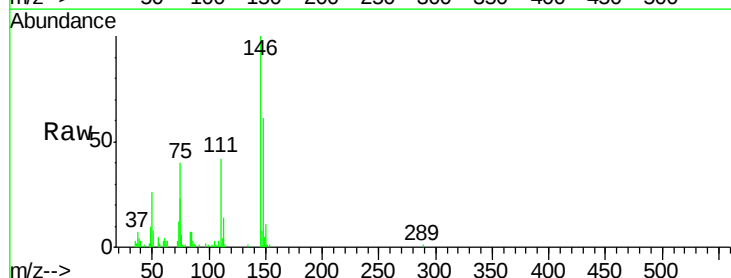
Tgt Ion: 146 Resp: 30354

Ion Ratio Lower Upper

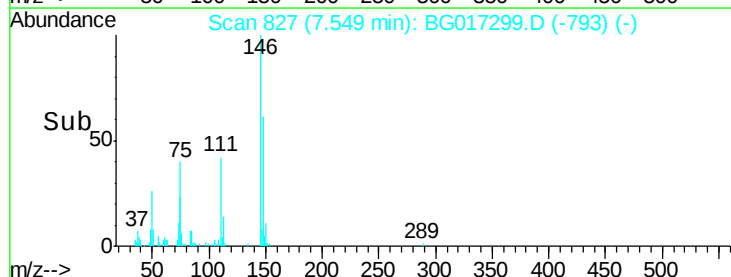
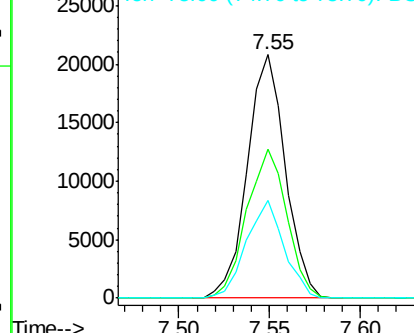
146 100

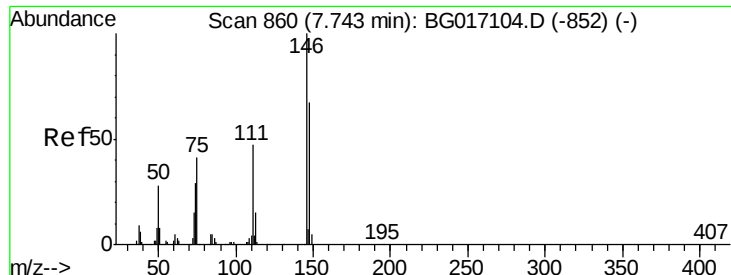
148 60.9 50.6 75.8

75 40.3 31.4 47.2



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

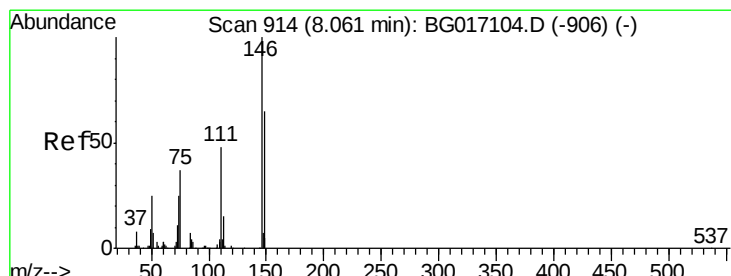
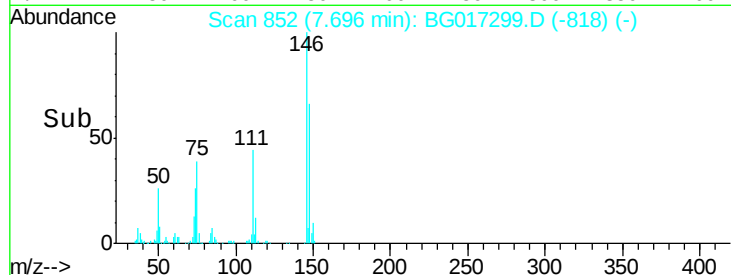
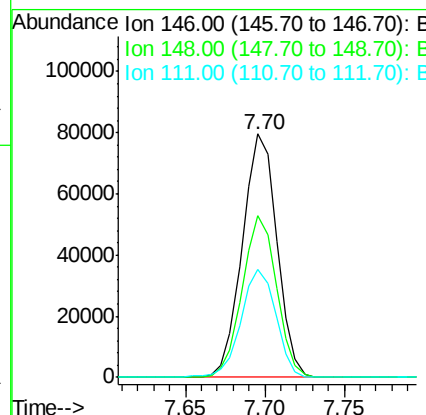
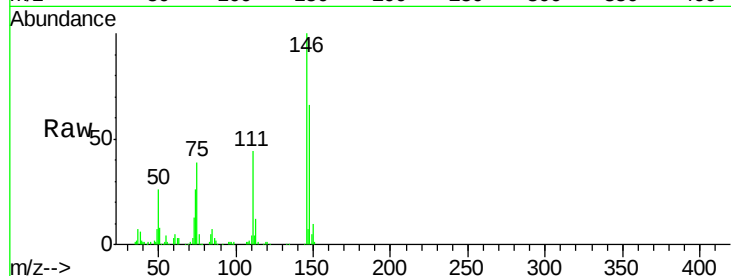




#13
 1,4-Dichlorobenzene
 Concen: 49.19 ng
 RT: 7.70 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG017299.D
 Acq: 27 May 2015 12:17

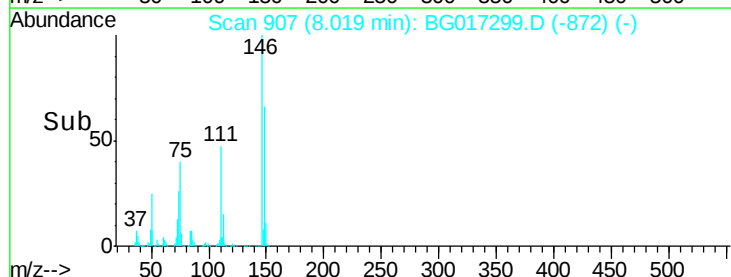
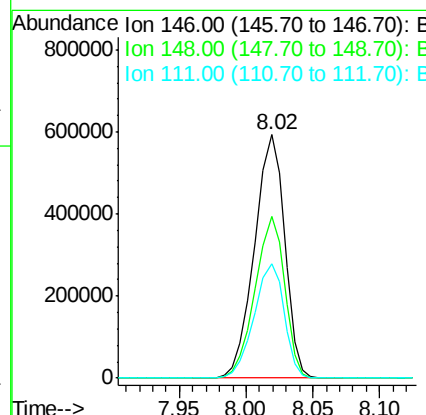
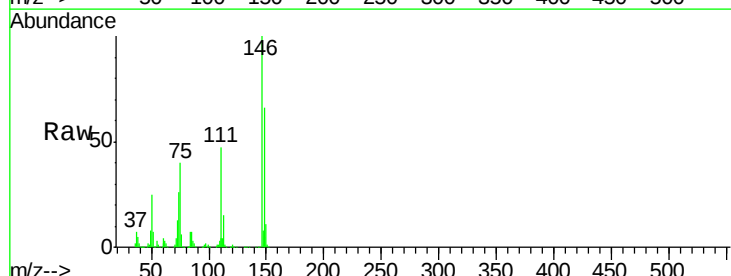
Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-150512DL

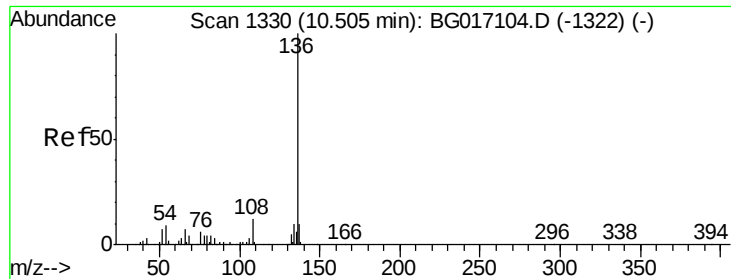
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.3	53.9	80.9
111	44.3	37.9	56.9



#14
 1,2-Dichlorobenzene
 Concen: 395.82 ng
 RT: 8.02 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BG017299.D
 Acq: 27 May 2015 12:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	52.3	78.5
111	47.0	39.0	58.4

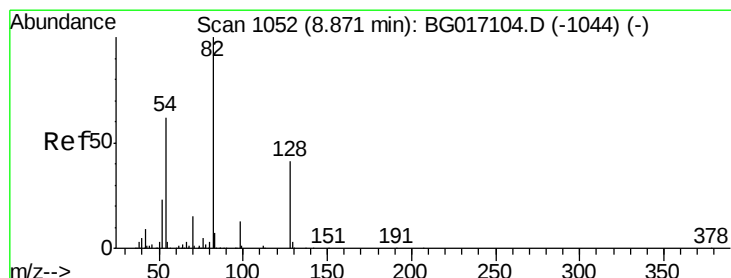
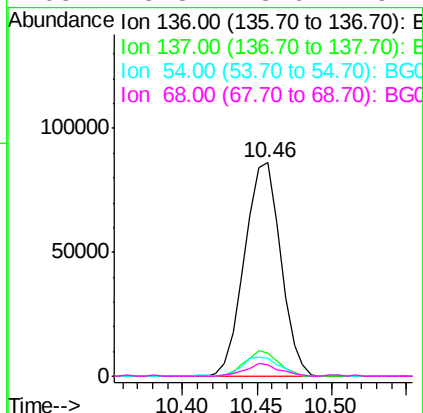
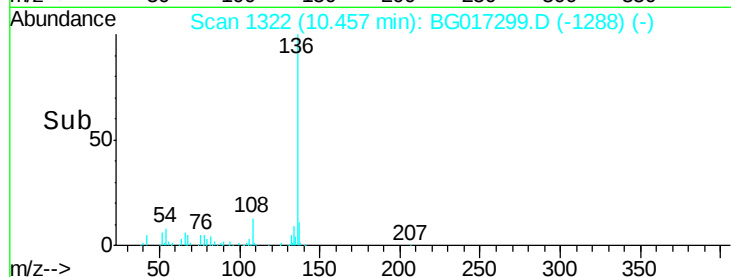
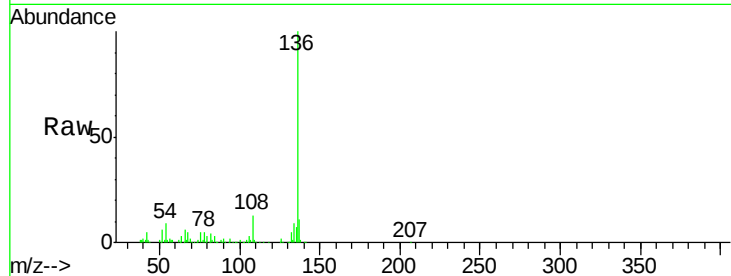




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.46 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG017299.D
Acq: 27 May 2015 12:17

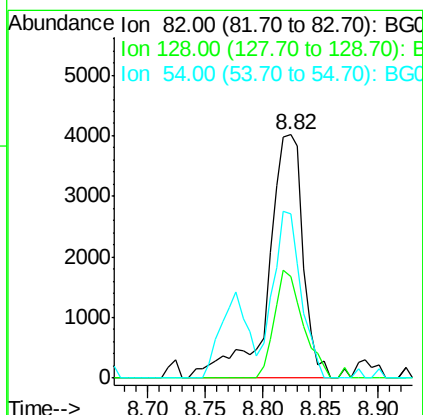
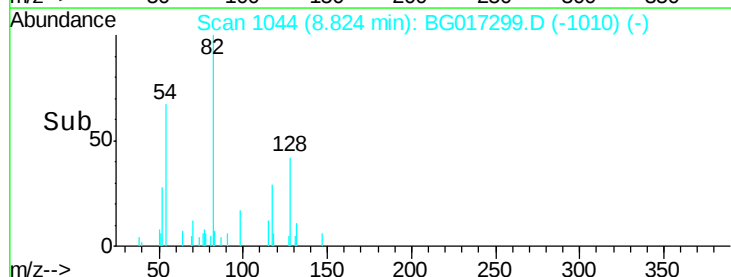
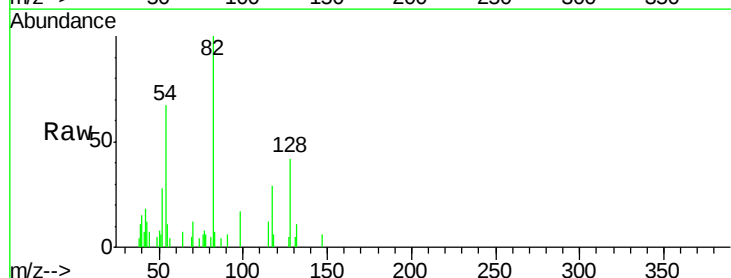
Instrument :
BNA_G
ClientSampleId :
SS043MW009-150512DL

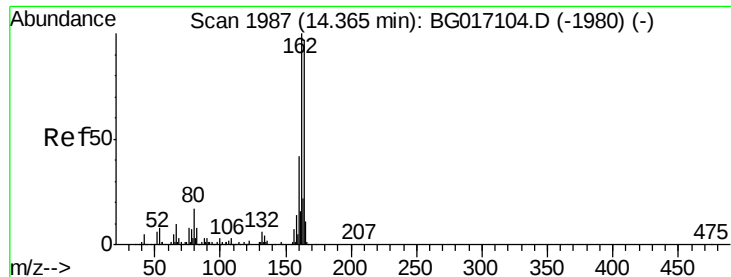
Tot Ion:136	Resp:	144284
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.3 12.5
54	8.6	7.4 11.2
68	5.3	3.6 5.4



#23
Nitrobenzene-d5
Concen: 2.74 ng
RT: 8.82 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG017299.D
Acq: 27 May 2015 12:17

Tgt Ion: 82	Resp:	8479
Ion Ratio	Lower	Upper
82	100	
128	41.8	32.6 49.0
54	67.3	49.6 74.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.32 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG017299.D

Acq: 27 May 2015 12:17

Instrument :

BNA_G

ClientSampleId :

SS043MW009-150512DL

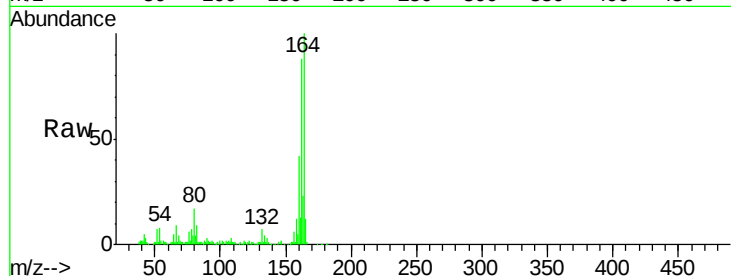
Tot Ion:164 Resp: 104553

Ion Ratio Lower Upper

164 100

162 87.9 82.1 123.1

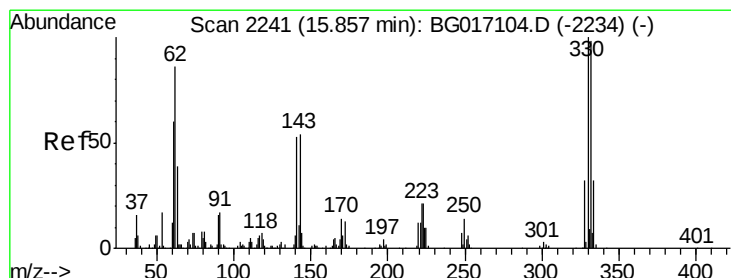
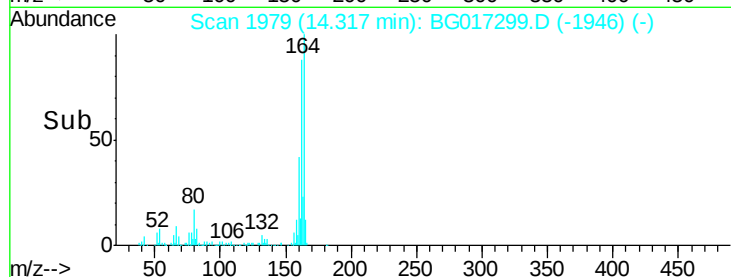
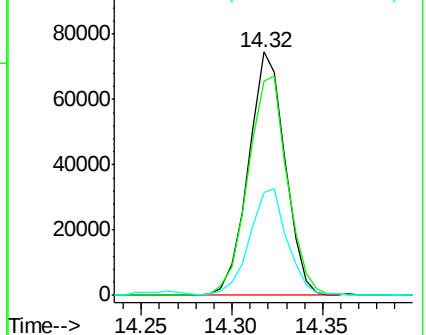
160 42.3 34.8 52.2



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: 4.92 ng

RT: 15.81 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BG017299.D

Acq: 27 May 2015 12:17

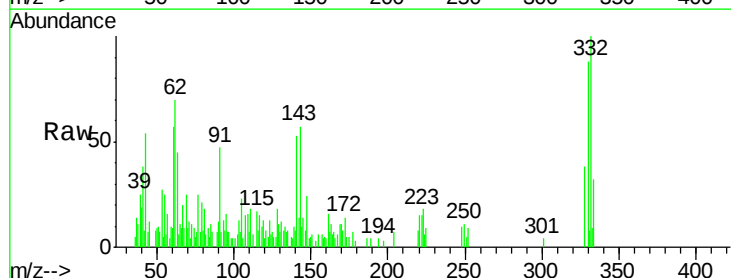
Tgt Ion:330 Resp: 6223

Ion Ratio Lower Upper

330 100

332 104.0 76.9 115.3

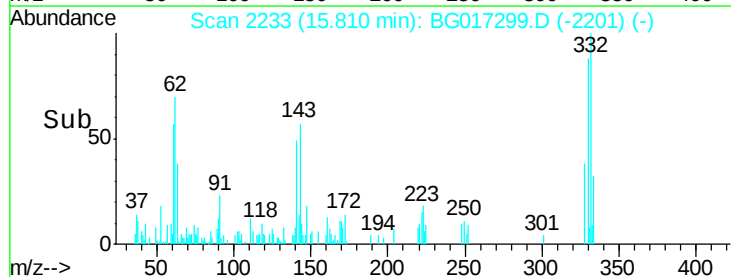
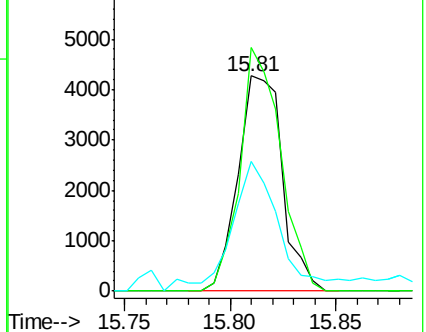
141 52.8 42.2 63.2

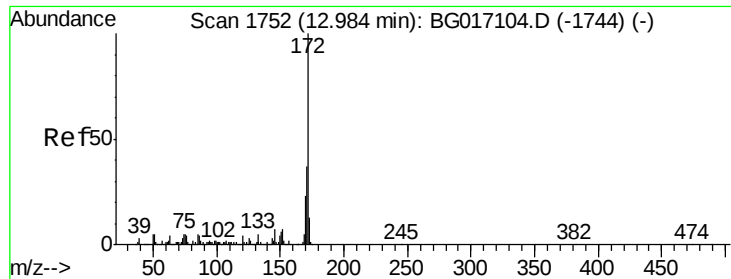


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

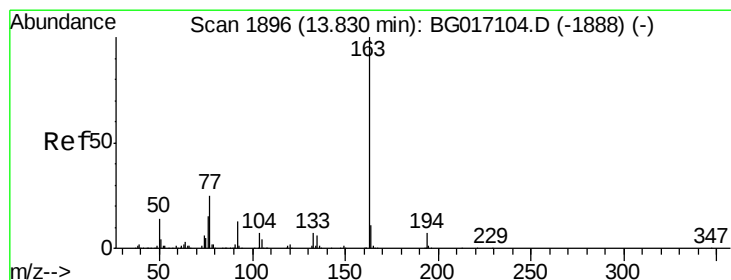
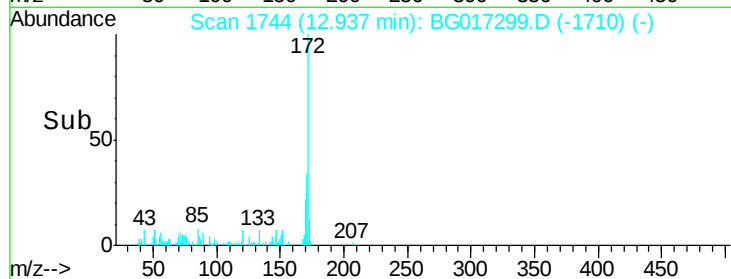
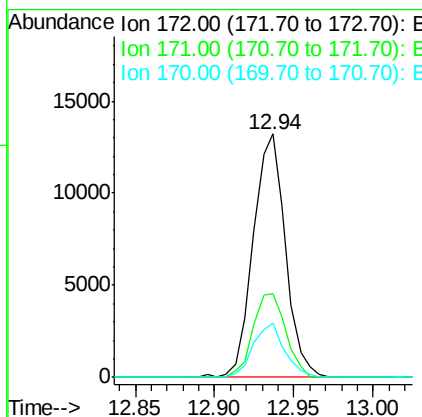
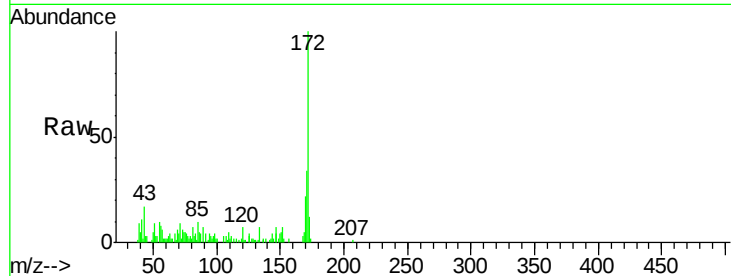




#44
2-Fluorobiphenyl
Concen: 2.62 ng
RT: 12.94 min Scan# 1744
Delta R.T. 0.00 min
Lab File: BG017299.D
Acq: 27 May 2015 12:17

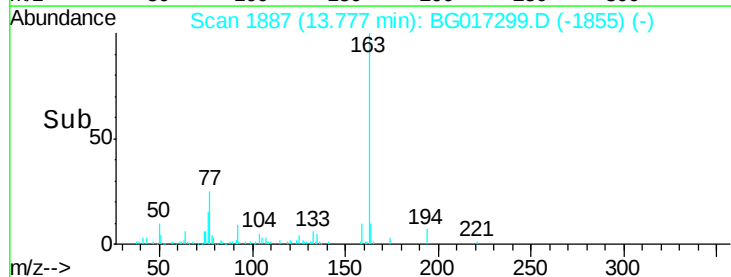
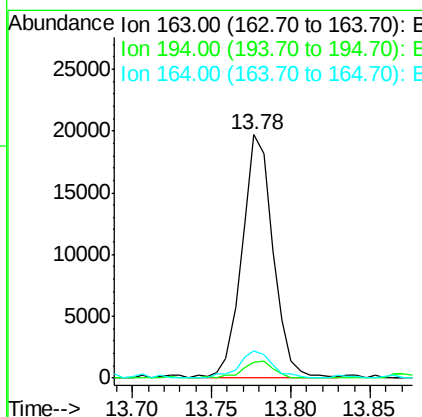
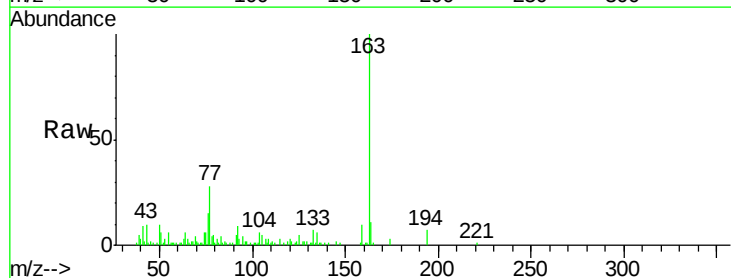
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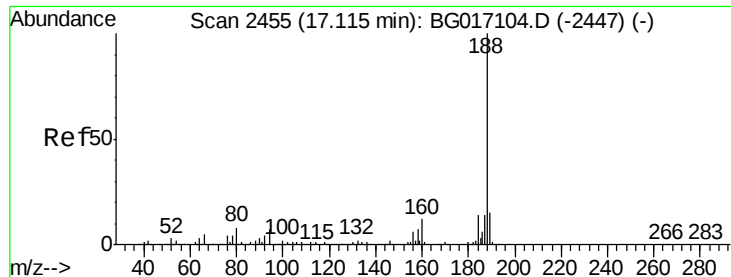
Tot Ion:172 Resp: 18698
Ion Ratio Lower Upper
172 100
171 34.1 29.7 44.5
170 22.2 18.4 27.6



#49
Dimethylphthalate
Concen: 3.28 ng
RT: 13.78 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BG017299.D
Acq: 27 May 2015 12:17

Tgt Ion:163 Resp: 26828
Ion Ratio Lower Upper
163 100
194 6.6 5.6 8.4
164 11.1 8.6 13.0

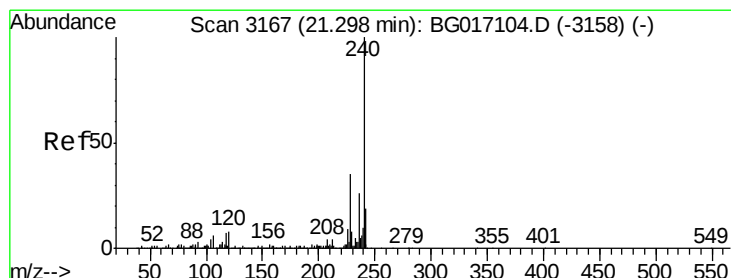
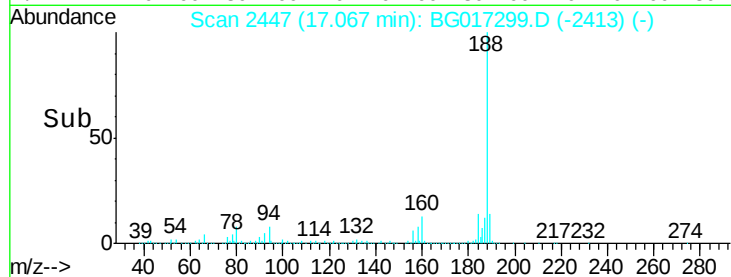
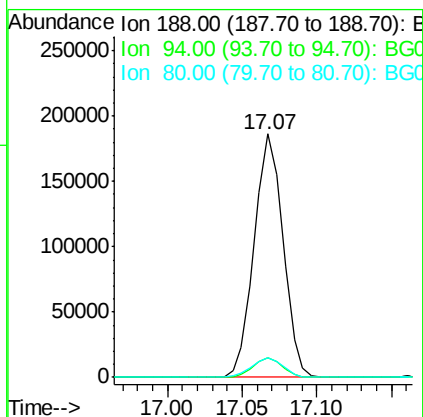
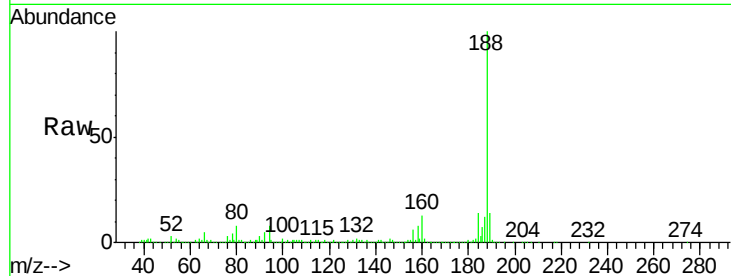




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.07 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG017299.D
Acq: 27 May 2015 12:17

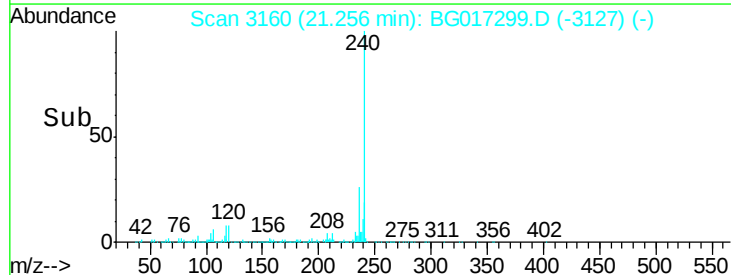
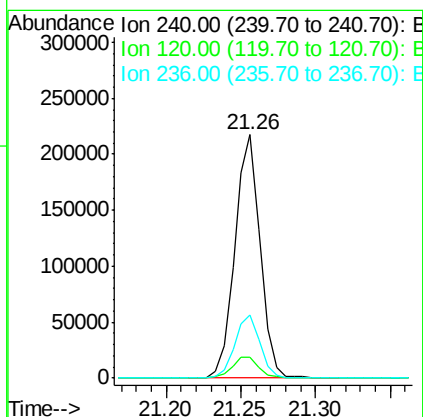
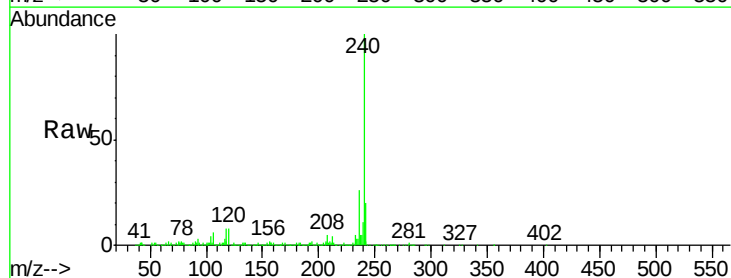
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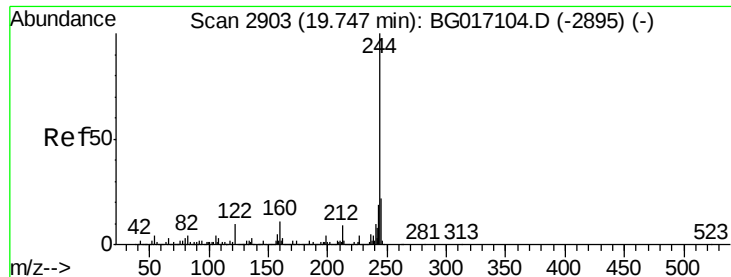
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.8	8.6
80	7.9	6.5	9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.26 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG017299.D
Acq: 27 May 2015 12:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.0	9.0
236	26.0	20.5	30.7





#78

Terphenyl-d14

Concen: 3.27 ng

RT: 19.70 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BG017299.D

Acq: 27 May 2015 12:17

Instrument :

BNA_G

ClientSampleId :

SS043MW009-150512DL

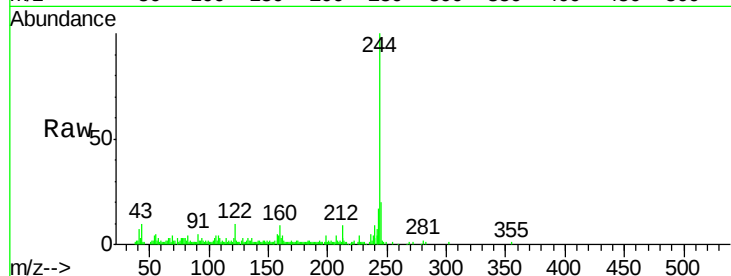
Tot Ion:244 Resp: 40236

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.4

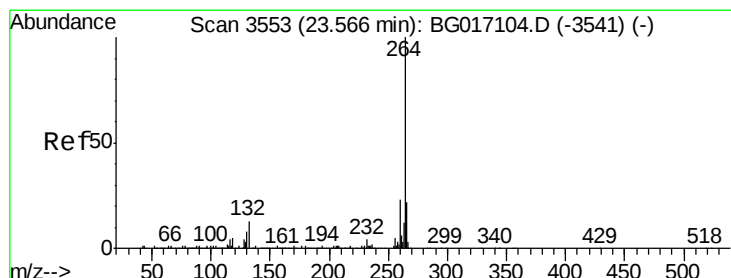
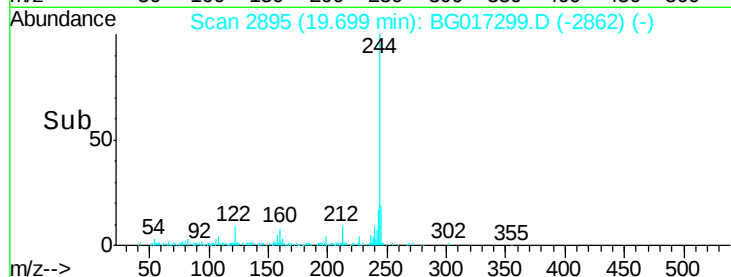
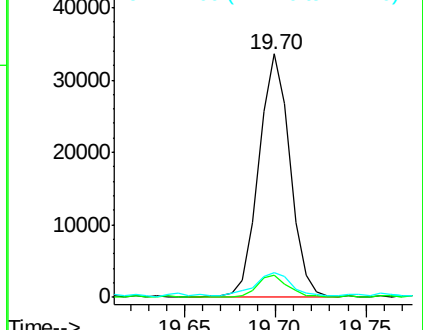
122 10.0 8.4 12.6



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: 23.50 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG017299.D

Acq: 27 May 2015 12:17

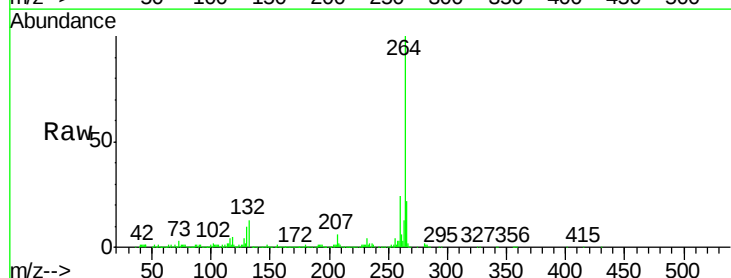
Tgt Ion:264 Resp: 260637

Ion Ratio Lower Upper

264 100

260 23.5 18.0 27.0

265 21.5 17.4 26.0



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

