

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062916\
 Data File : BG022711.D
 Acq On : 30 Jun 2016 2:39
 Operator : UM/SJ
 Sample : H3828-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0583

Quant Time: Jun 30 04:31:26 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

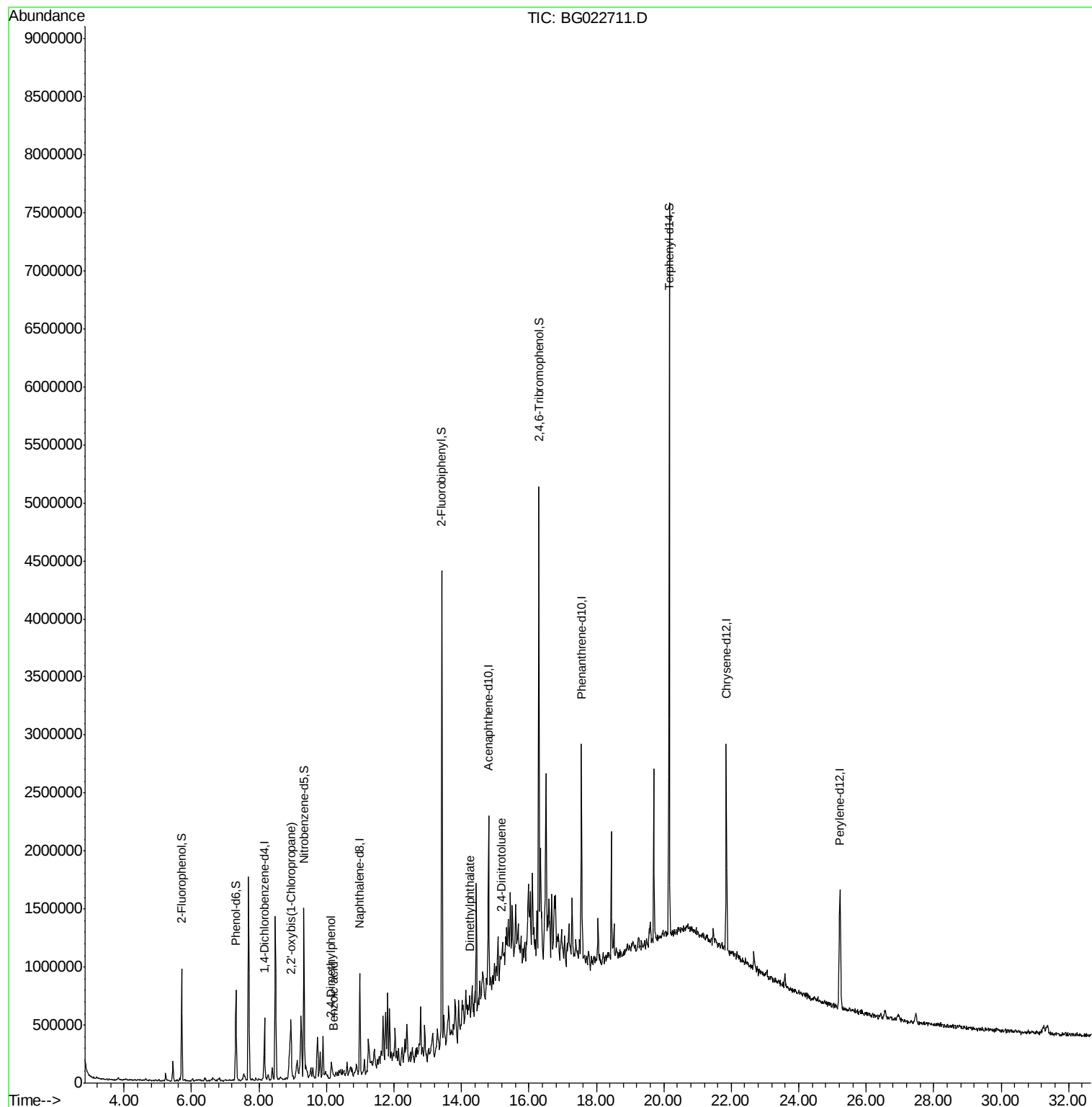
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	139579	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	659517	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	489154	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1097536	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1157294	20.00	ng	0.00
86) Perylene-d12	25.23	264	1205556	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	379856	43.65	ng	0.00
7) Phenol-d6	7.32	99	437655	35.68	ng	0.01
23) Nitrobenzene-d5	9.33	82	906357	58.16	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	740315	96.22	ng	0.01
44) 2-Fluorobiphenyl	13.42	172	1950241	63.23	ng	0.00
78) Terphenyl-d14	20.16	244	2461844	56.36	ng	0.00
Target Compounds						
16) 2,2'-oxybis(1-Chloropropan	8.95	45	48819	4.14	ng	Qvalue 81
27) 2,4-Dimethylphenol	10.14	122	32983	2.78	ng	# 70
32) Benzoic acid	10.23	122	1334	5.27	ng	# 57
49) Dimethylphthalate	14.25	163	132757	3.27	ng	99
56) 2,4-Dinitrotoluene	15.17	165	30941	2.53	ng	# 22

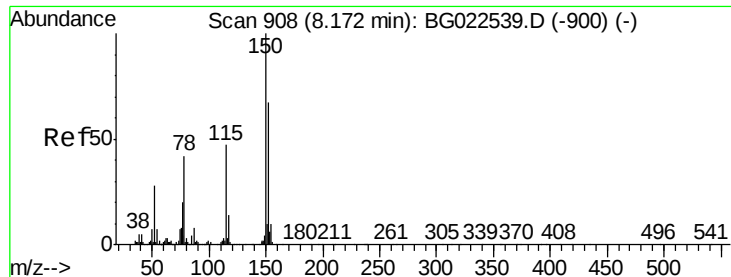
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. -0.02 min

Lab File: BG022711.D

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BNA_G

ClientSampleId :

S8-0583

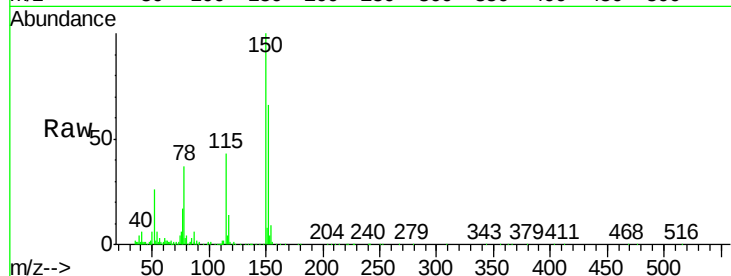
Tgt Ion:152 Resp: 139579

Ion Ratio Lower Upper

152 100

150 152.3 144.7 217.1

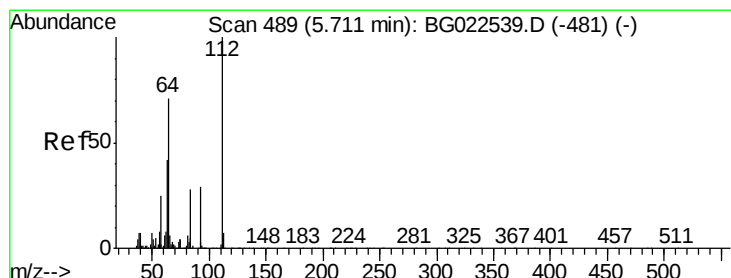
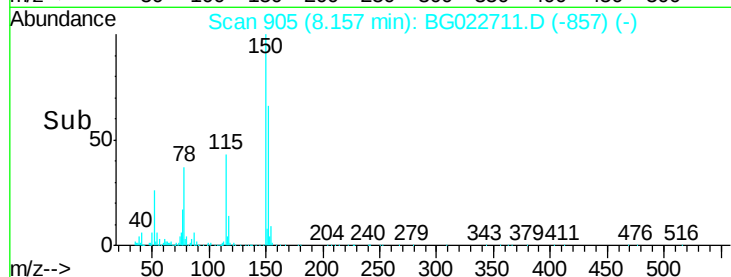
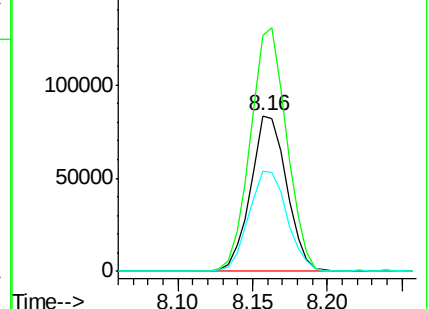
115 64.8 64.0 96.0



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: 43.65 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022711.D

Acq: 30 Jun 2016 2:39

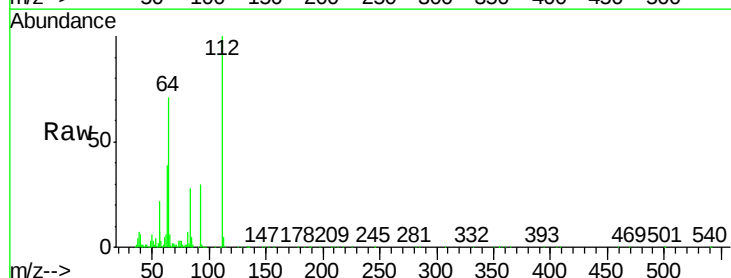
Tgt Ion:112 Resp: 379856

Ion Ratio Lower Upper

112 100

64 70.6 59.0 88.4

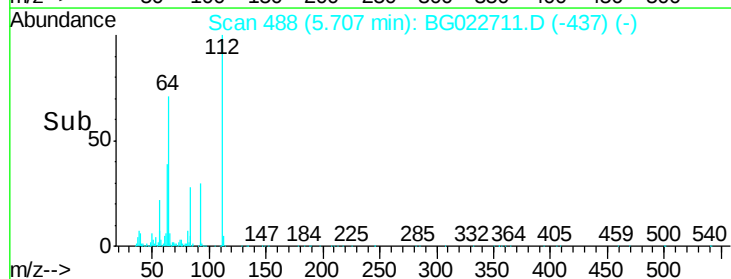
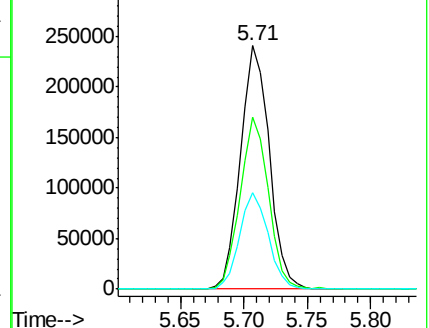
63 39.4 37.8 56.8



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: 35.68 ng

RT: 7.32 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG022711.D

Acq: 30 Jun 2016 2:39

Instrument :

BNA_G

ClientSampleId :

S8-0583

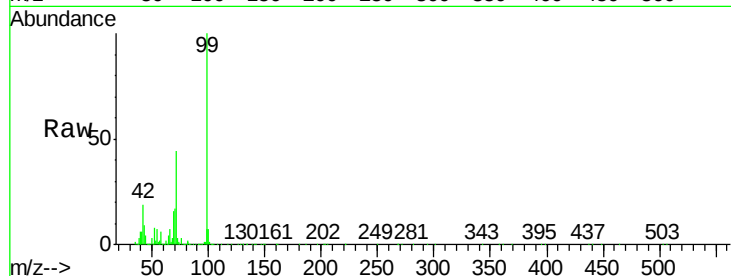
Tgt Ion: 99 Resp: 437655

Ion Ratio Lower Upper

99 100

42 18.7 17.8 26.6

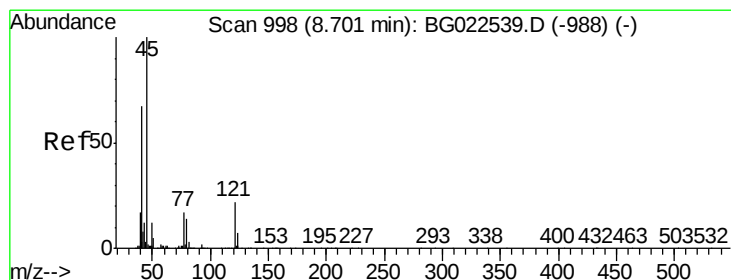
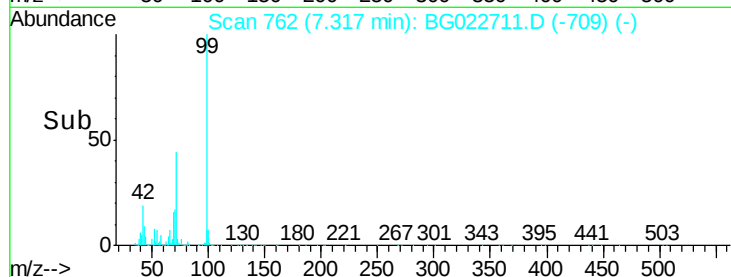
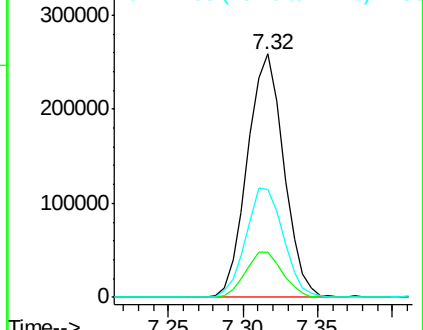
71 44.2 41.5 62.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.14 ng

RT: 8.95 min Scan# 1040

Delta R.T. 0.25 min

Lab File: BG022711.D

Acq: 30 Jun 2016 2:39

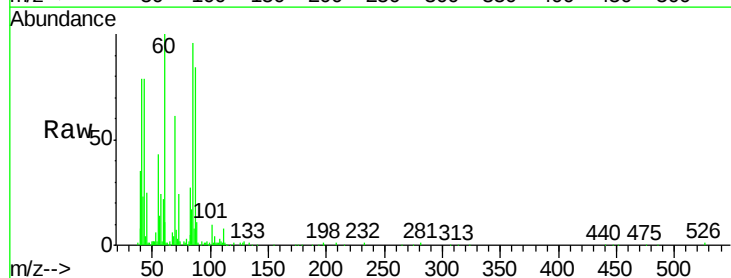
Tgt Ion: 45 Resp: 48819

Ion Ratio Lower Upper

45 100

77 9.0 0.6 40.6

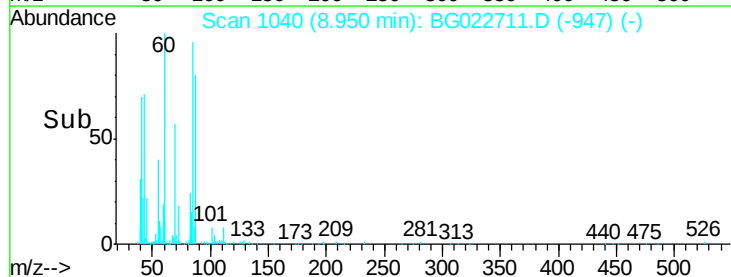
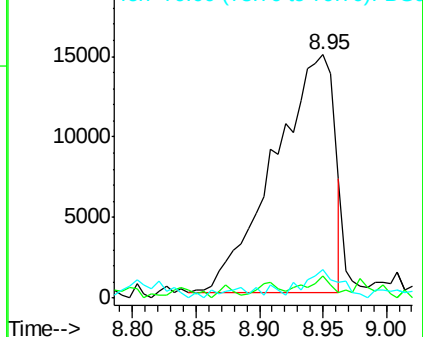
79 11.5 0.0 36.2

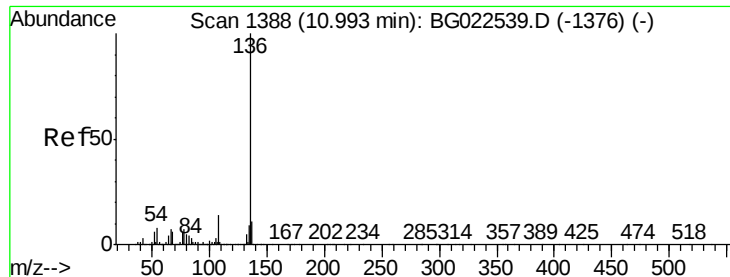


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

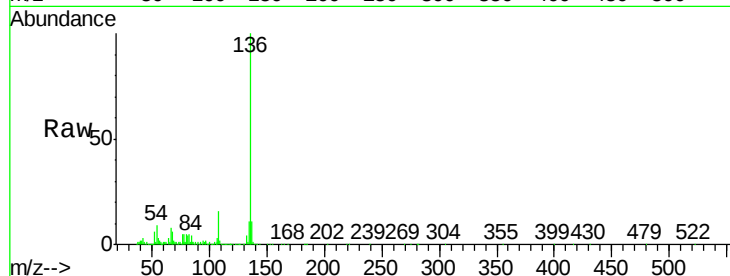




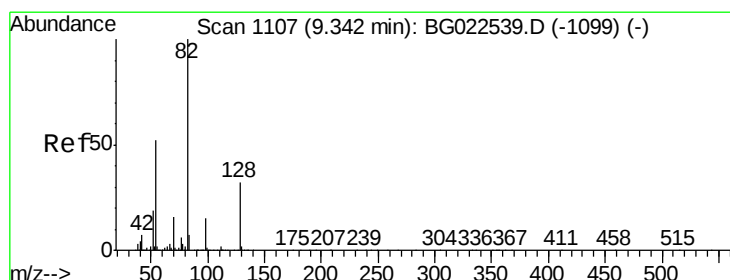
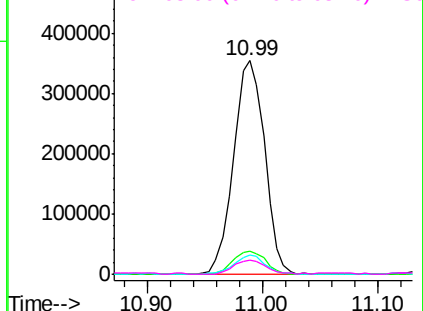
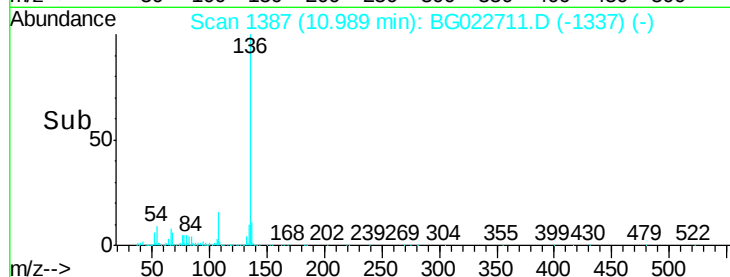
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

Instrument :
BNA_G
ClientSampleId :
S8-0583

Tgt Ion:	136	Resp:	659517
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	8.8	7.3	10.9
68	6.5	5.3	7.9

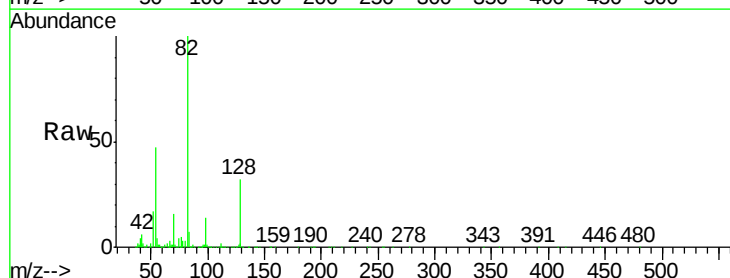


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

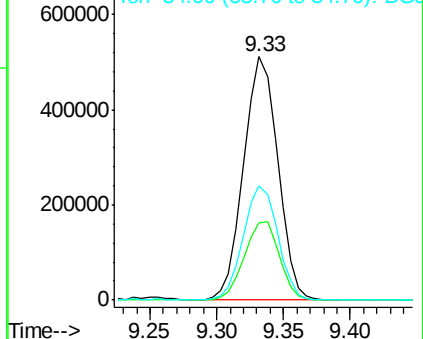
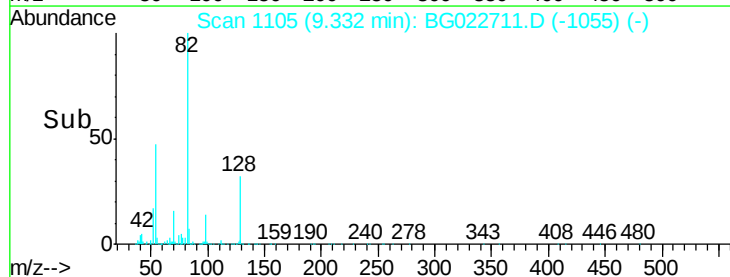


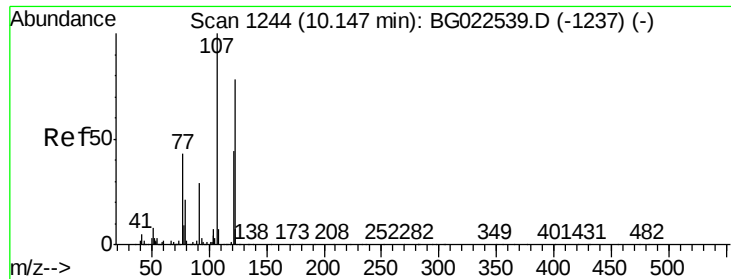
#23
Nitrobenzene-d5
Concen: 58.16 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

Tgt Ion:	82	Resp:	906357
Ion	Ratio	Lower	Upper
82	100		
128	31.9	24.4	36.6
54	47.1	41.4	62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

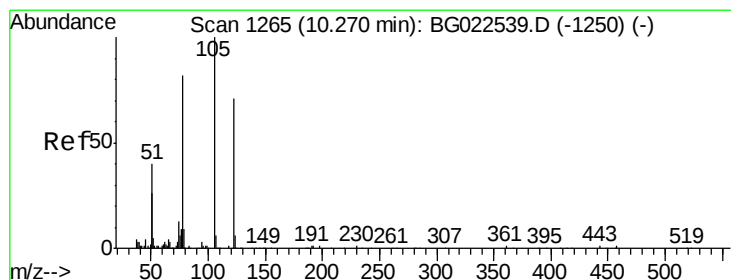
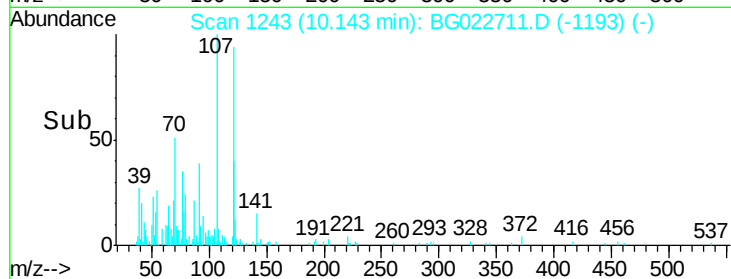
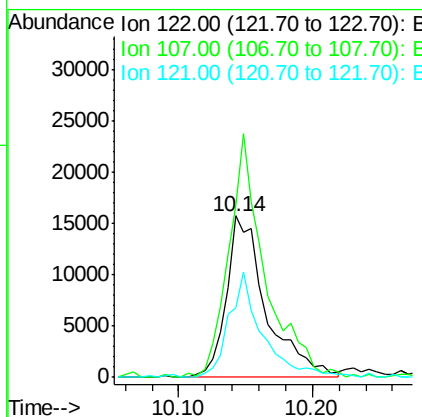
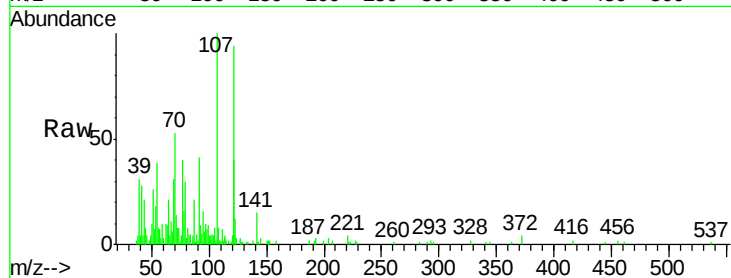




#27
2,4-Dimethylphenol
Concen: 2.78 ng
RT: 10.14 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

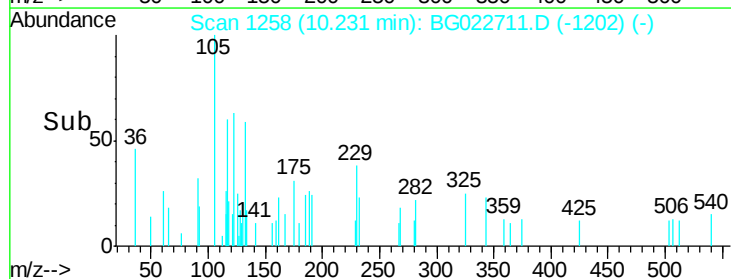
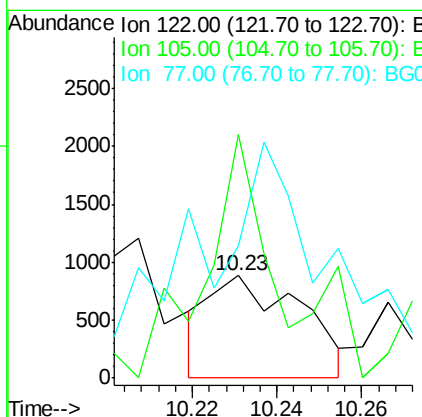
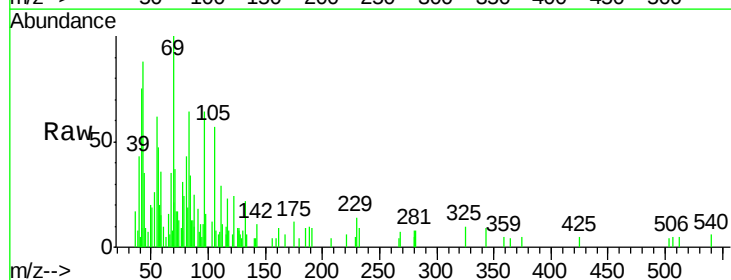
Instrument :
BNA_G
ClientSampleId :
S8-0583

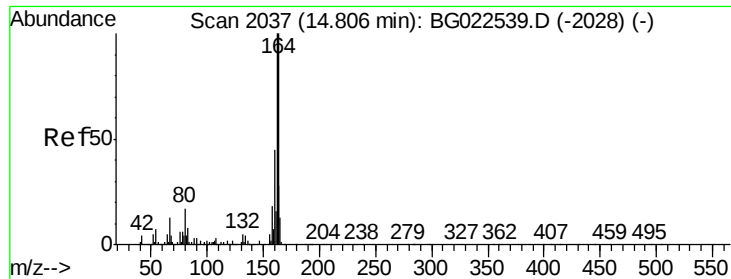
Tgt Ion:122 Resp: 32983
Ion Ratio Lower Upper
122 100
107 106.8 117.0 175.4#
121 42.8 50.1 75.1#



#32
Benzoic acid
Concen: 5.27 ng
RT: 10.23 min Scan# 1258
Delta R.T. 0.03 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

Tgt Ion:122 Resp: 1334
Ion Ratio Lower Upper
122 100
105 237.1 117.2 157.2#
77 129.0 109.2 149.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG022711.D

Acq: 30 Jun 2016 2:39

Instrument :

BNA_G

ClientSampleId :

S8-0583

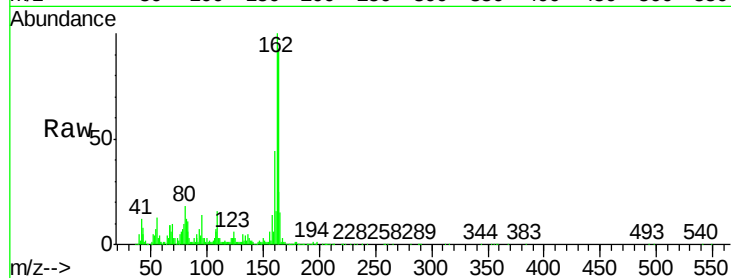
Tgt Ion:164 Resp: 489154

Ion Ratio Lower Upper

164 100

162 107.4 87.7 131.5

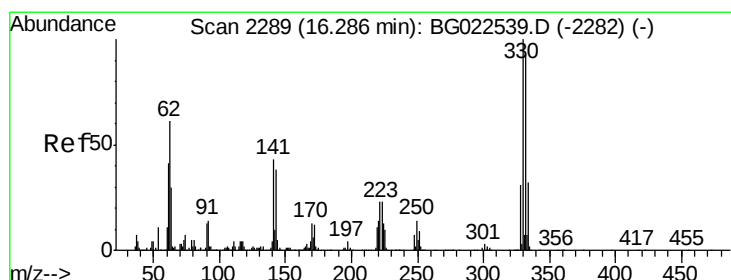
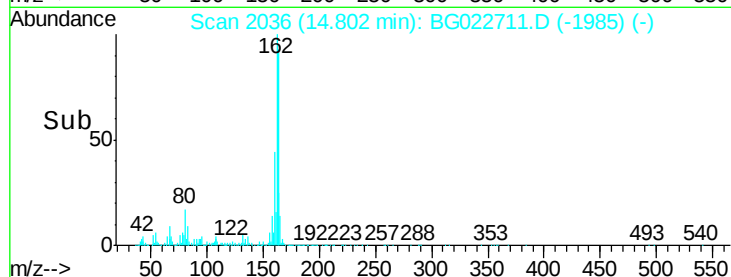
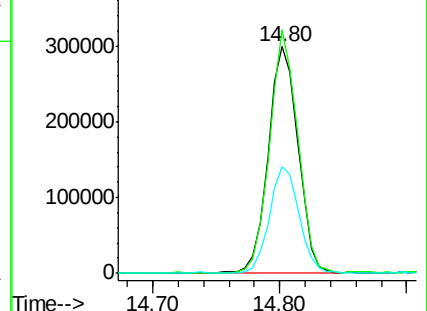
160 46.8 37.2 55.8



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: 96.22 ng

RT: 16.30 min Scan# 2291

Delta R.T. 0.01 min

Lab File: BG022711.D

Acq: 30 Jun 2016 2:39

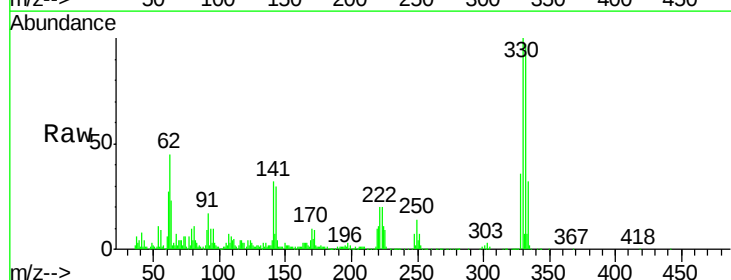
Tgt Ion:330 Resp: 740315

Ion Ratio Lower Upper

330 100

332 98.5 77.4 116.2

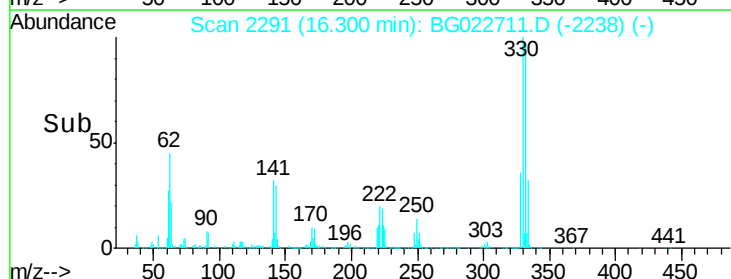
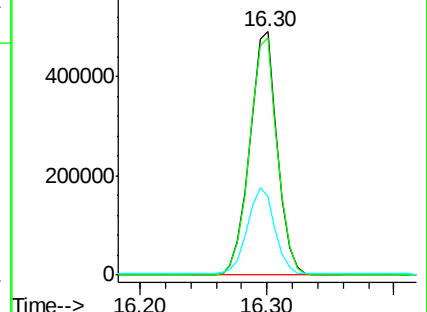
141 34.9 31.7 47.5

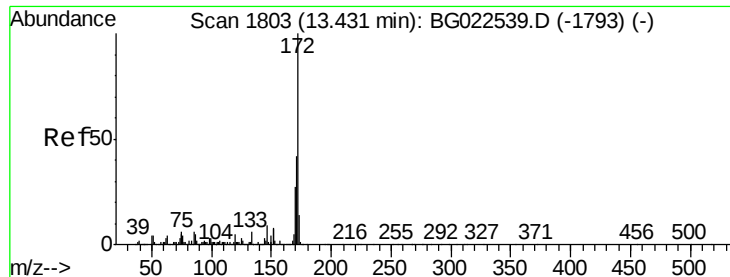


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

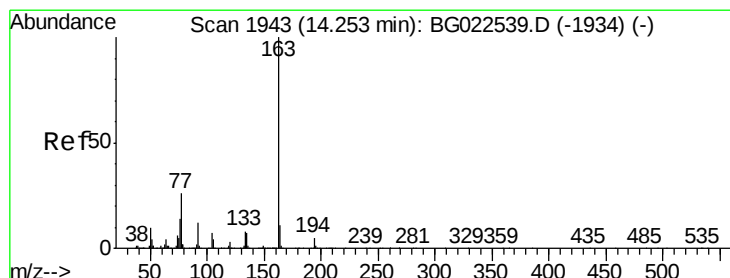
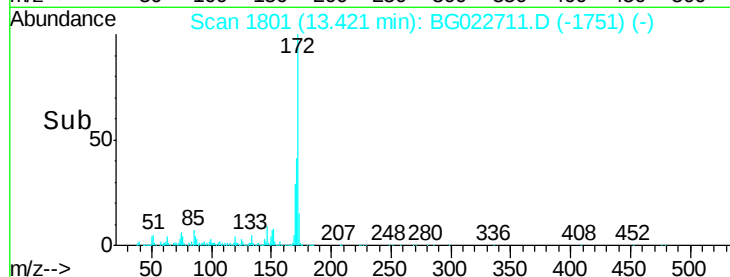
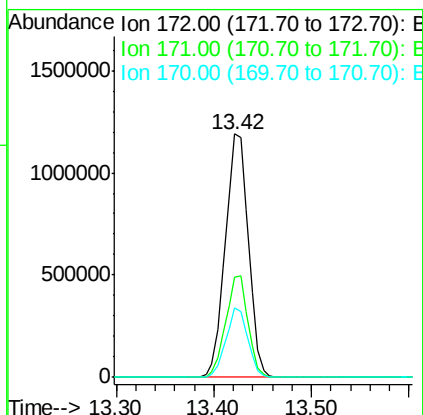
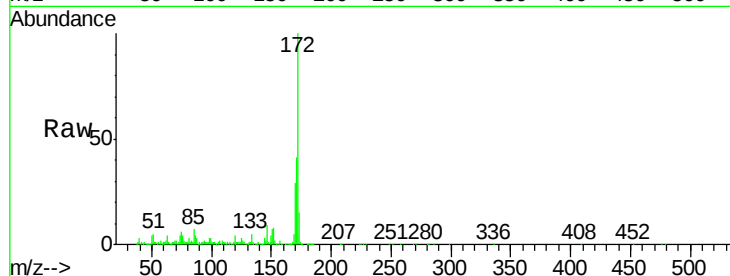




#44
2-Fluorobiphenyl
Concen: 63.23 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

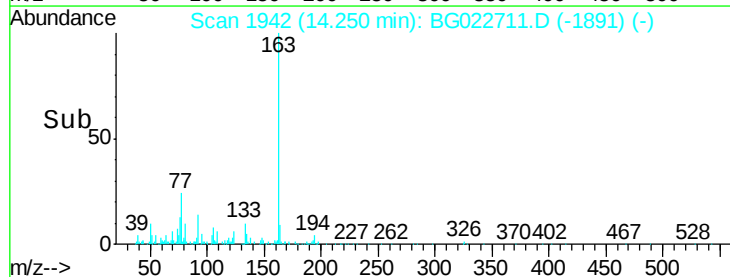
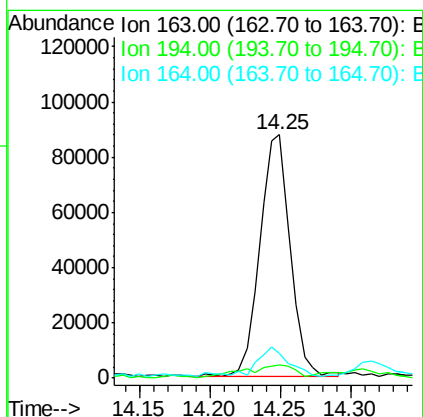
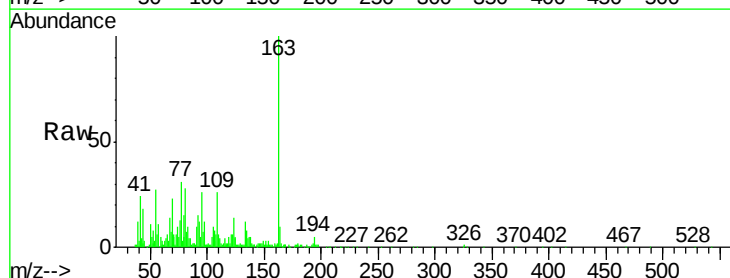
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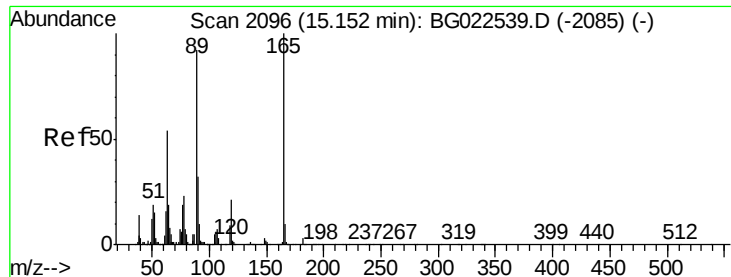
Tgt Ion:172 Resp: 1950241
Ion Ratio Lower Upper
172 100
171 41.0 31.6 47.4
170 28.7 21.3 31.9



#49
Dimethylphthalate
Concen: 3.27 ng
RT: 14.25 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

Tgt Ion:163 Resp: 132757
Ion Ratio Lower Upper
163 100
194 5.3 3.6 5.4
164 10.0 8.1 12.1

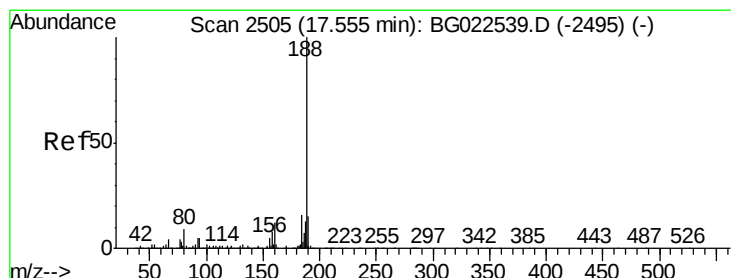
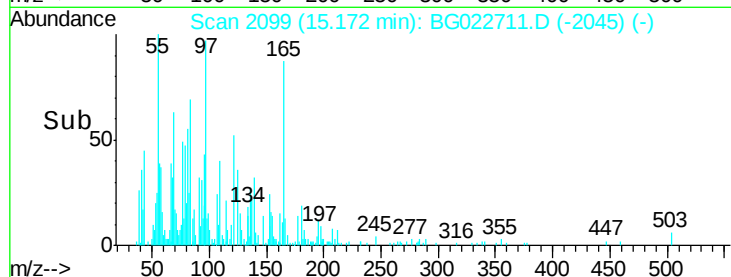
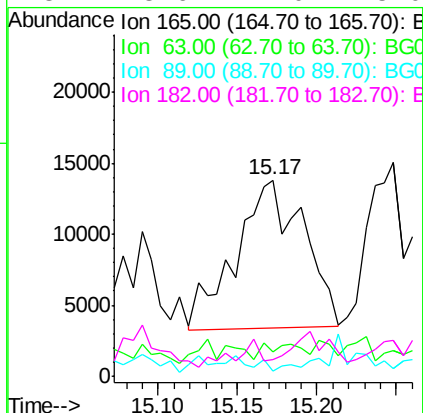
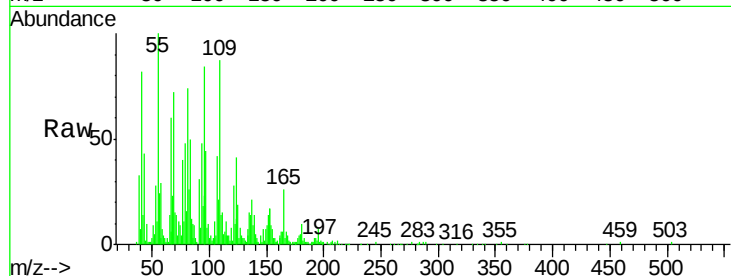




#56
2,4-Dinitrotoluene
Concen: 2.53 ng
RT: 15.17 min Scan# 2099
Delta R.T. 0.02 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

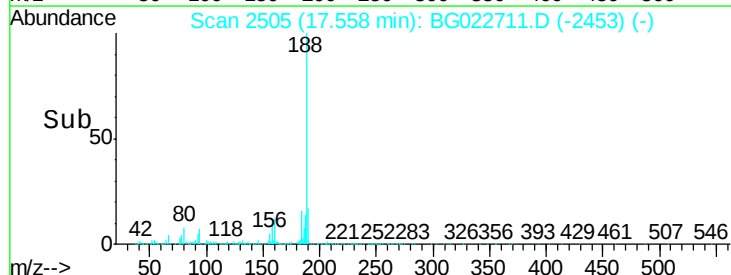
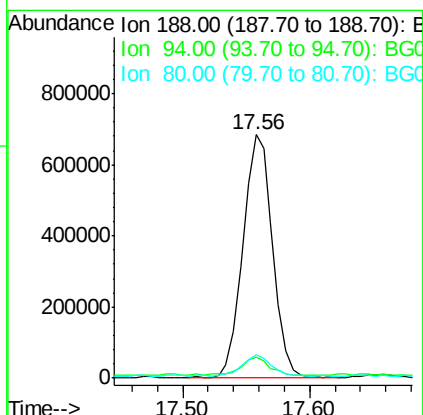
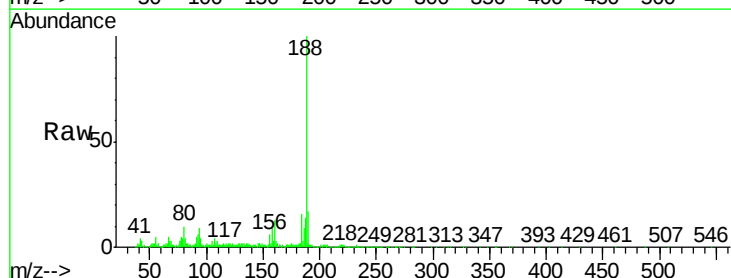
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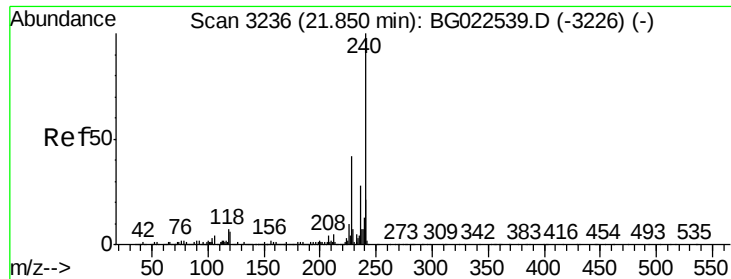
Tgt Ion:165 Resp: 30941
Ion Ratio Lower Upper
165 100
63 12.5 45.8 68.6#
89 2.3 68.6 102.8#
182 8.6 2.0 3.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

Tgt Ion:188 Resp: 1097536
Ion Ratio Lower Upper
188 100
94 8.7 5.2 7.8#
80 9.7 7.2 10.8

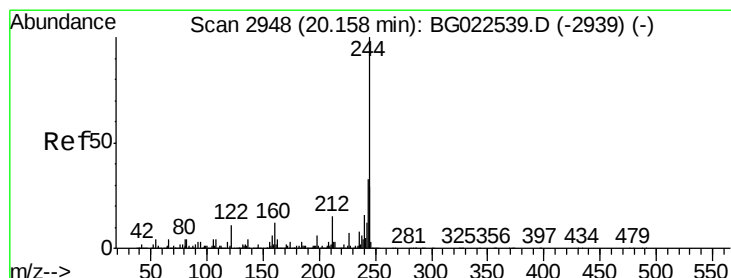
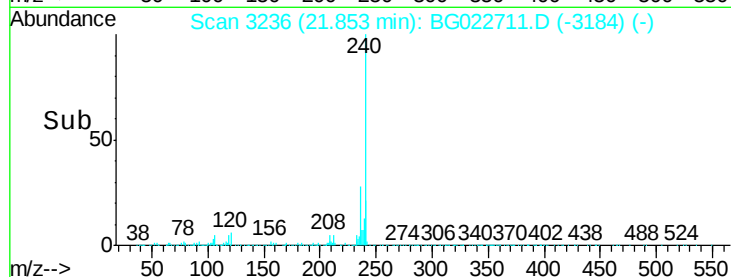
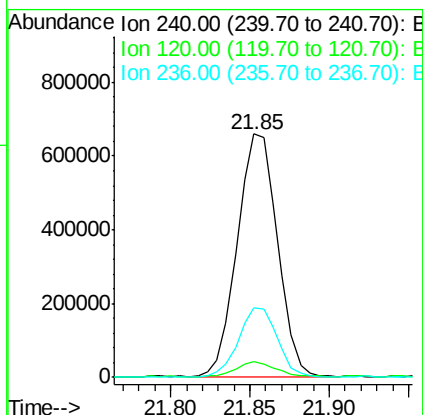
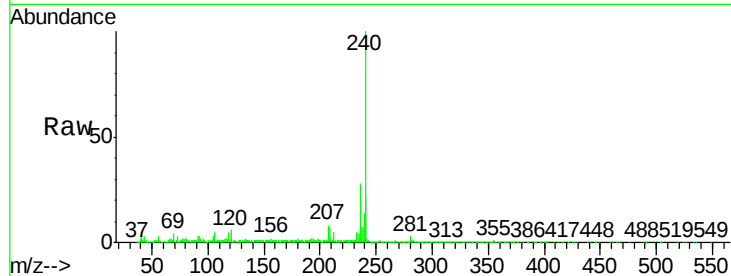




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

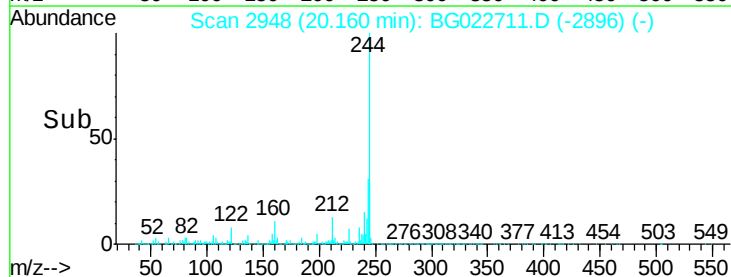
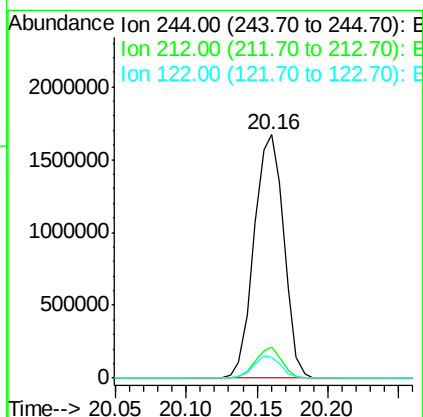
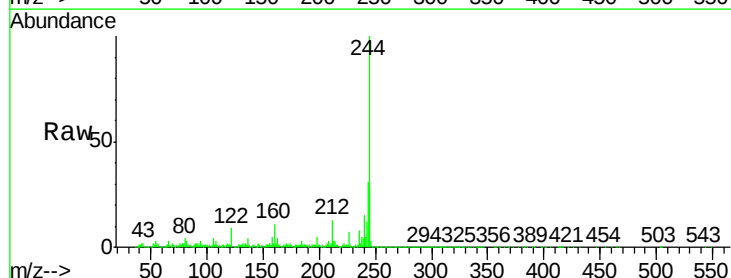
Instrument :
BNA_G
ClientSampleId :
S8-0583

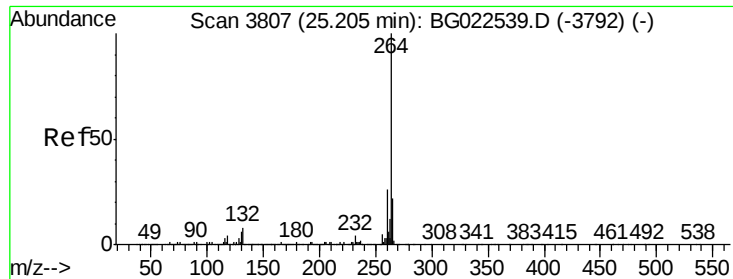
Tgt Ion:240 Resp: 1157294
Ion Ratio Lower Upper
240 100
120 6.4 4.1 6.1#
236 28.4 21.1 31.7



#78
Terphenyl-d14
Concen: 56.36 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

Tgt Ion:244 Resp: 2461844
Ion Ratio Lower Upper
244 100
212 12.9 10.8 16.2
122 8.6 8.0 12.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.23 min Scan# 3810

Delta R.T. 0.02 min

Lab File: BG022711.D

Acq: 30 Jun 2016 2:39

Instrument :

BNA_G

ClientSampleId :

S8-0583

Tgt Ion:264 Resp: 1205556

Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 21.2 18.9 28.3

