

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062616\
 Data File : BG022608.D
 Acq On : 26 Jun 2016 13:25
 Operator : UM/SJ
 Sample : H3761-06
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 01:10:18 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

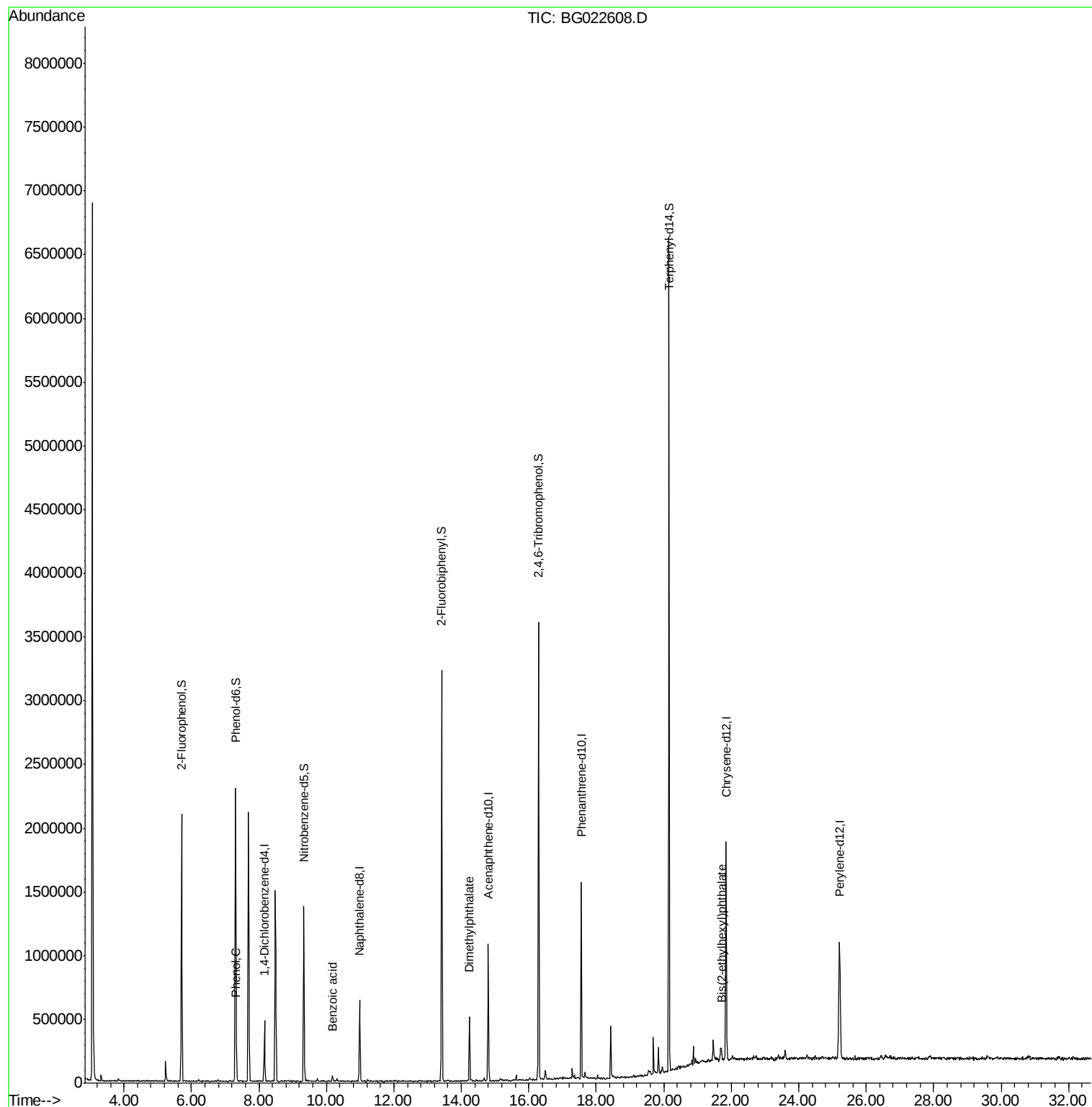
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	121327	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	500114	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	346082	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	938433	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1044266	20.00	ng	0.00
86) Perylene-d12	25.21	264	1083874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	824853	109.05	ng	0.00
7) Phenol-d6	7.31	99	1265083	118.65	ng	0.00
23) Nitrobenzene-d5	9.33	82	869112	73.55	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	667927	122.70	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1598962	73.27	ng	0.00
78) Terphenyl-d14	20.16	244	2433733	61.75	ng	0.00
Target Compounds						
10) Phenol	7.34	94	25596	2.27	ng	86
32) Benzoic acid	10.18	122	14470	7.31	ng	# 65
49) Dimethylphthalate	14.24	163	309116	10.77	ng	96
83) Bis(2-ethylhexyl)phthalate	21.71	149	97162	2.87	ng	# 94

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

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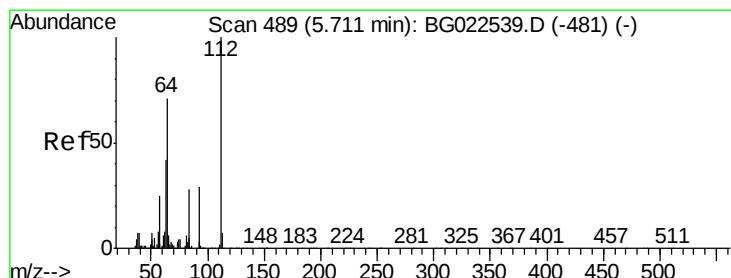
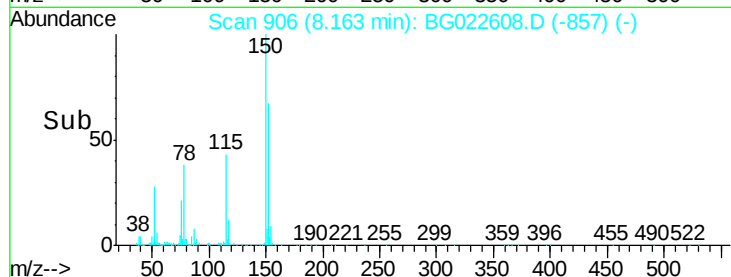
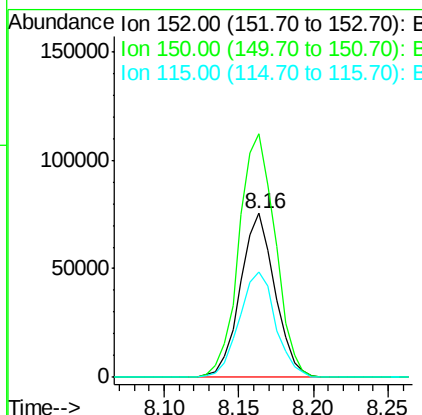
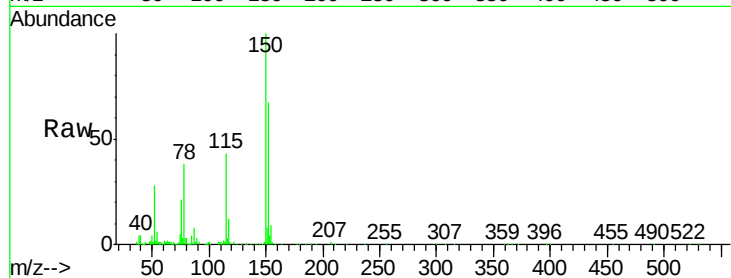


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022608.D
Acq: 26 Jun 2016 13:25

Instrument :
BNA_G
ClientSampleId :

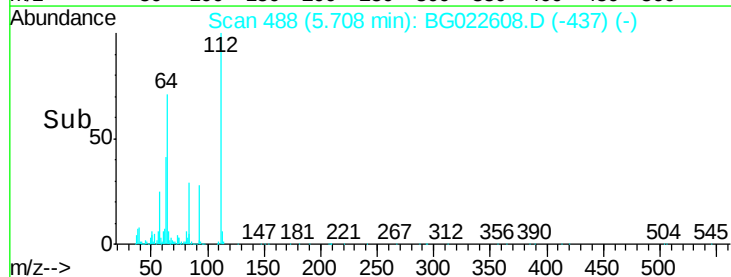
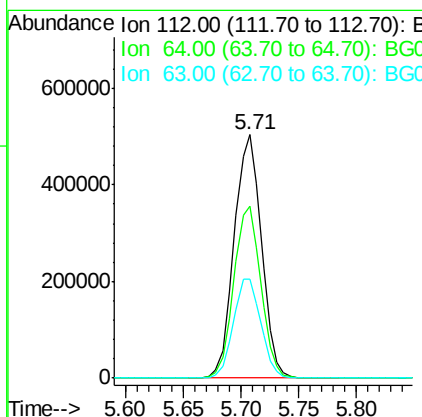
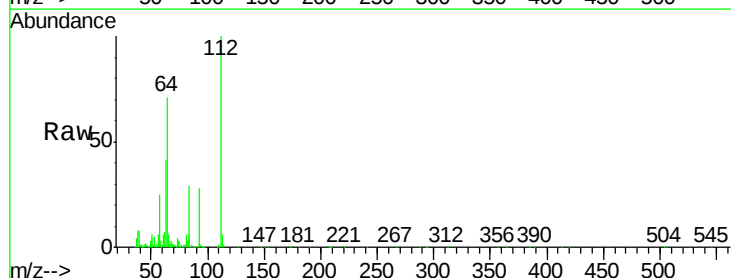
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.4	144.7	217.1
115	64.0	64.0	96.0



#5

2-Fluorophenol
Concen: 109.05 ng
RT: 5.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG022608.D
Acq: 26 Jun 2016 13:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	59.0	88.4
63	40.9	37.8	56.8





#7

Phenol-d6

Concen: 118.65 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022608.D

Acq: 26 Jun 2016 13:25

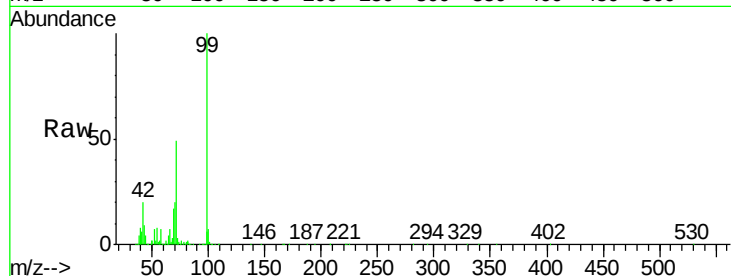
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 1265083

Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.8	26.6
71	48.7	41.5	62.3

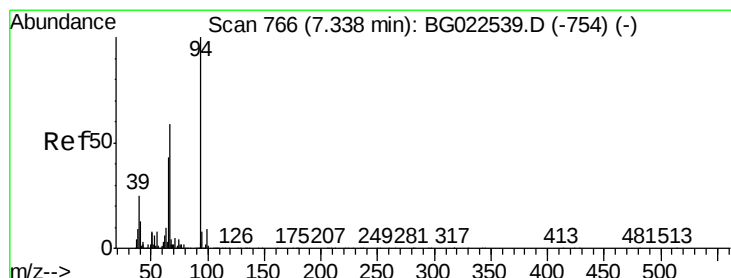
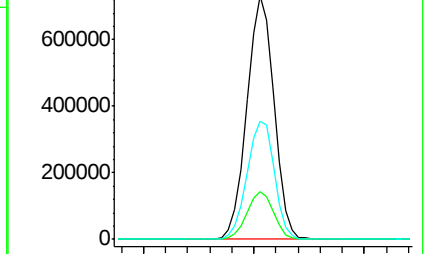
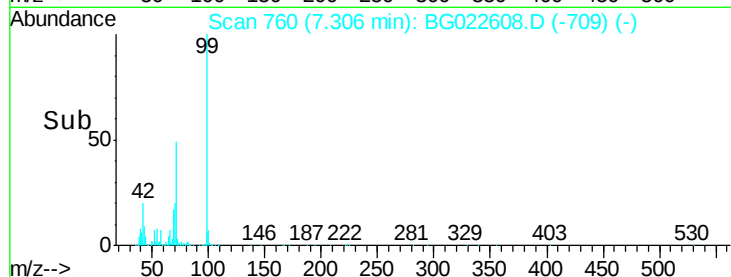


Abundance

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: 2.27 ng

RT: 7.34 min Scan# 765

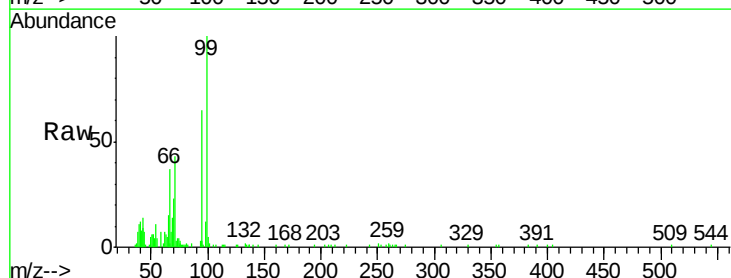
Delta R.T. 0.00 min

Lab File: BG022608.D

Acq: 26 Jun 2016 13:25

Tgt Ion: 94 Resp: 25596

Ion	Ratio	Lower	Upper
94	100		
65	22.8	18.1	58.1
66	57.0	42.1	82.1

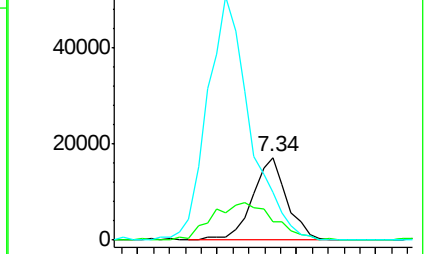
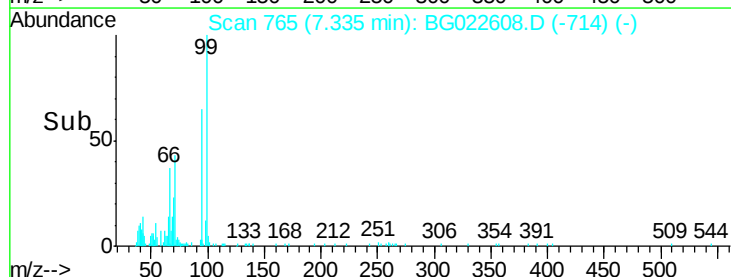


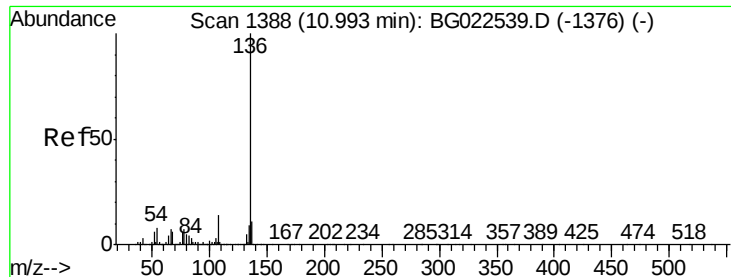
Abundance

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

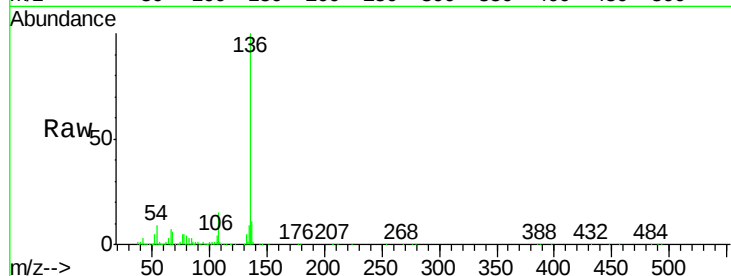




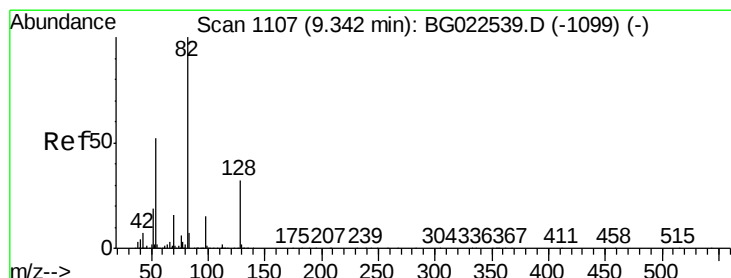
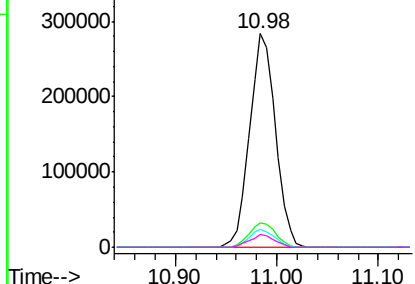
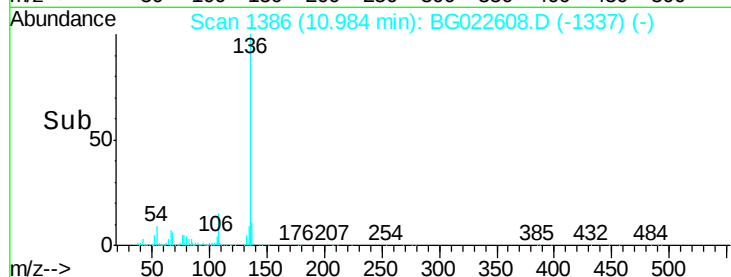
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG022608.D
Acq: 26 Jun 2016 13:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	500114
Ion Ratio	Lower	Upper
136 100		
137 11.5	9.6	14.4
54 8.7	7.3	10.9
68 5.7	5.3	7.9

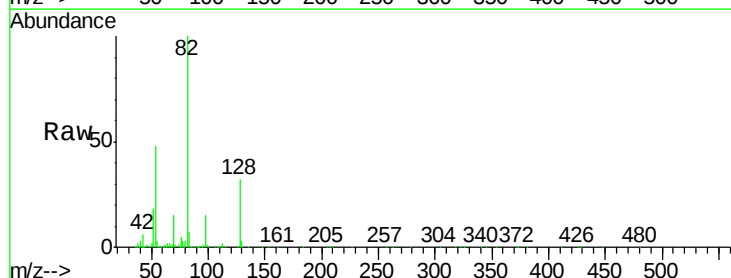


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

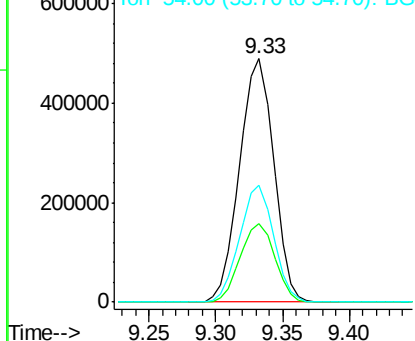
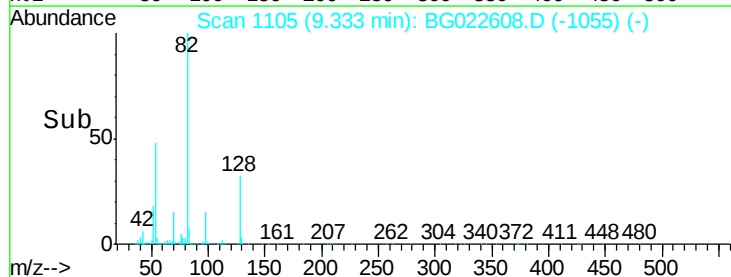


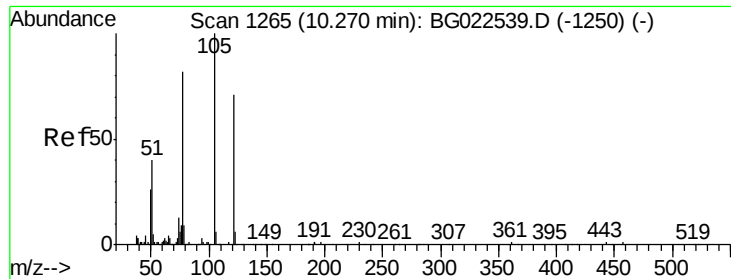
#23
Nitrobenzene-d5
Concen: 73.55 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG022608.D
Acq: 26 Jun 2016 13:25

Tgt Ion	82	Resp: Lower	869112 Upper
	Ratio		
82	100		
128	32.0	24.4	36.6
54	48.0	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

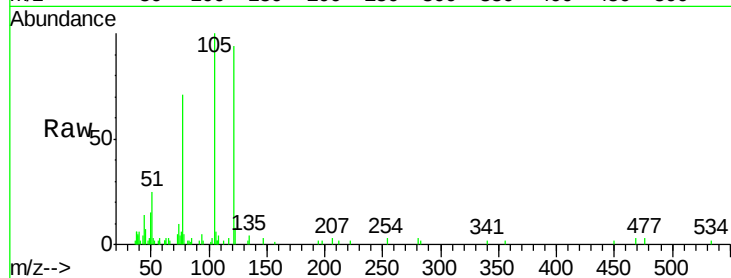




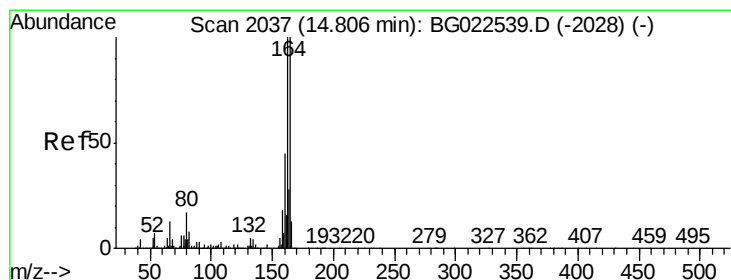
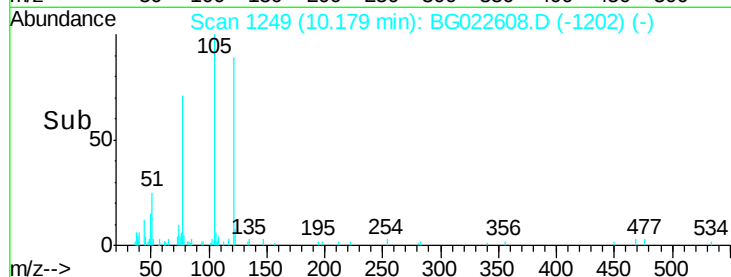
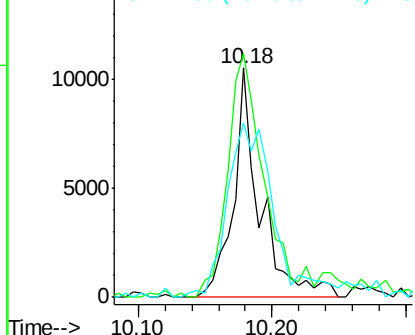
#32
Benzoic acid
Concen: 7.31 ng
RT: 10.18 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BG022608.D
Acq: 26 Jun 2016 13:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 14470
Ion Ratio Lower Upper
122 100
105 106.3 117.2 157.2#
77 75.9 109.2 149.2#

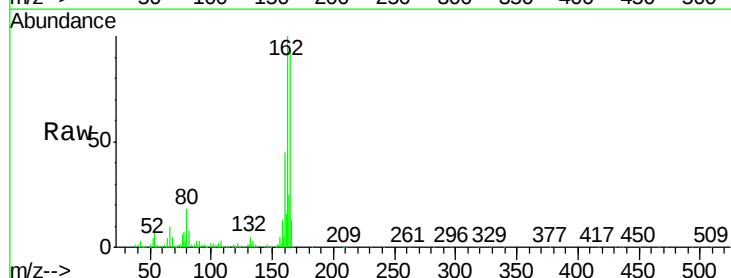


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

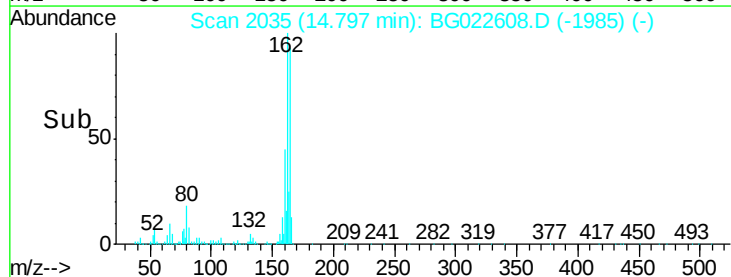
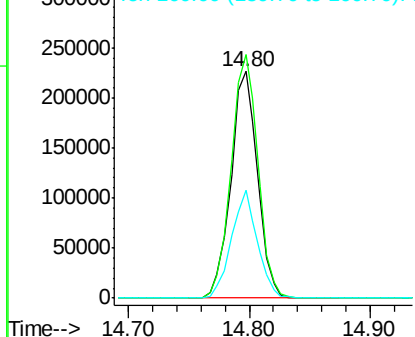


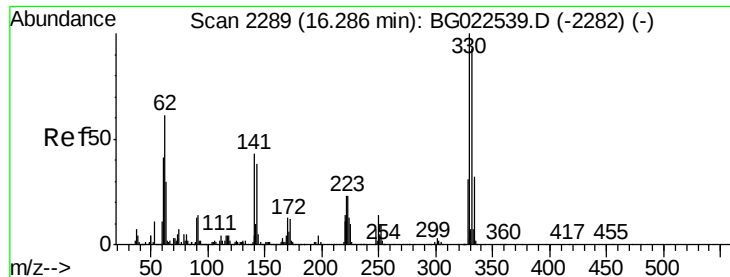
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022608.D
Acq: 26 Jun 2016 13:25

Tgt Ion:164 Resp: 346082
Ion Ratio Lower Upper
164 100
162 107.4 87.7 131.5
160 47.8 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: 122.70 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022608.D

Acq: 26 Jun 2016 13:25

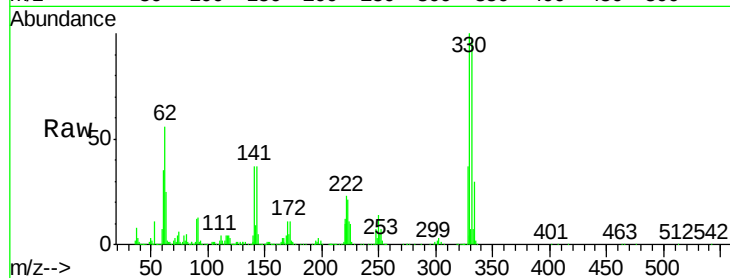
Instrument :

BNA_G

ClientSampled :

Tot Ion:330 Resp: 667927

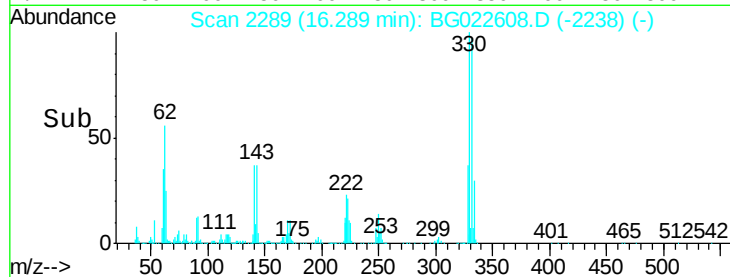
Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	37.6	31.7	47.5



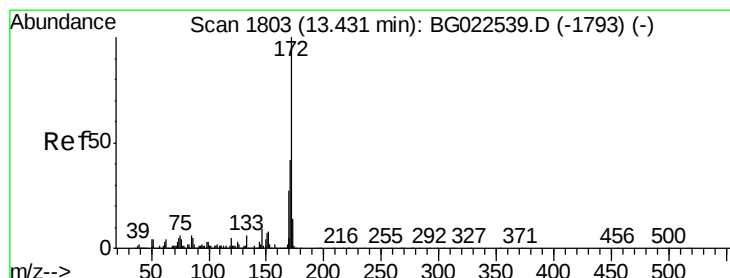
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#44

2-Fluorobiphenyl

Concen: 73.27 ng

RT: 13.42 min Scan# 1801

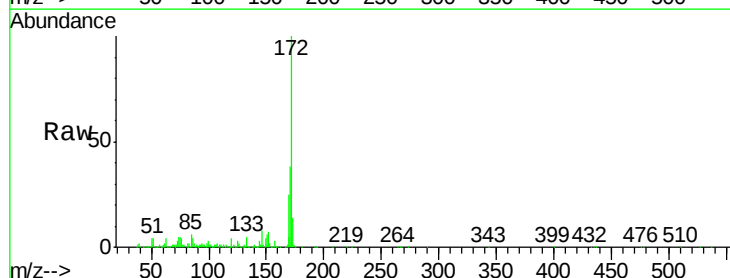
Delta R.T. -0.00 min

Lab File: BG022608.D

Acq: 26 Jun 2016 13:25

Tgt Ion:172 Resp: 1598962

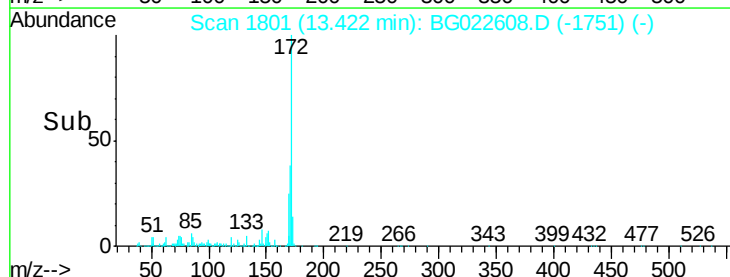
Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.6	47.4
170	25.4	21.3	31.9



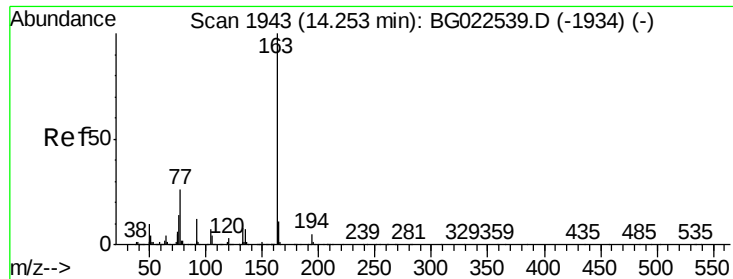
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



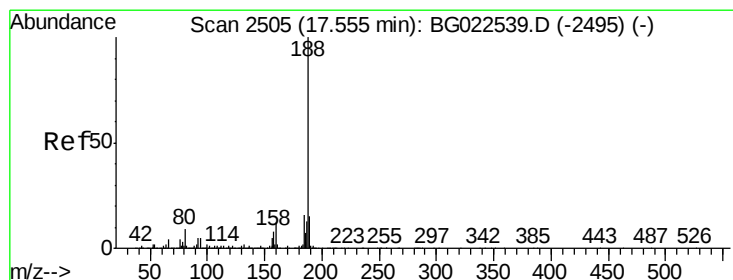
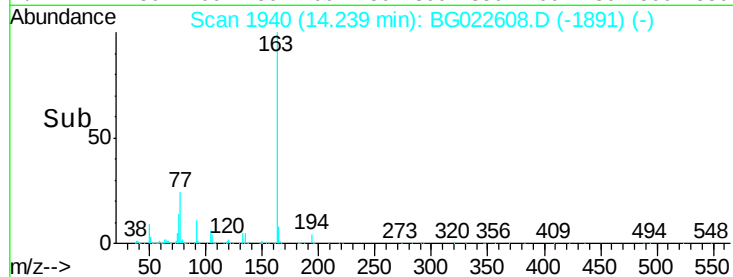
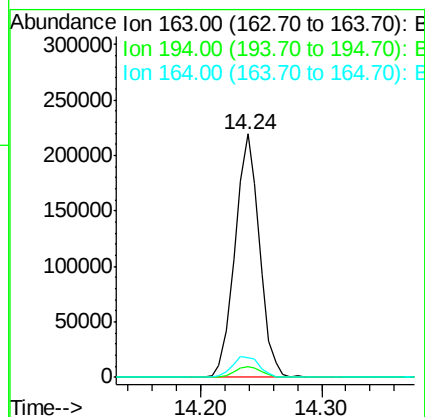
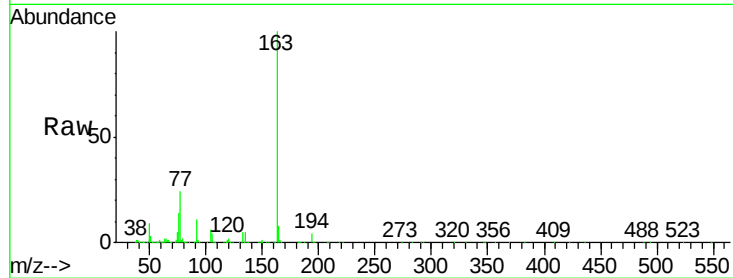
Time-->



#49
Dimethylphthalate
Concen: 10.77 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022608.D
Acq: 26 Jun 2016 13:25

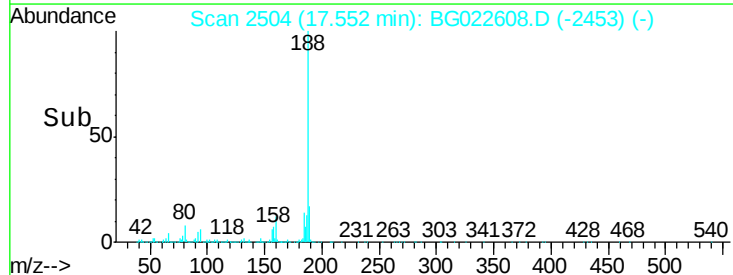
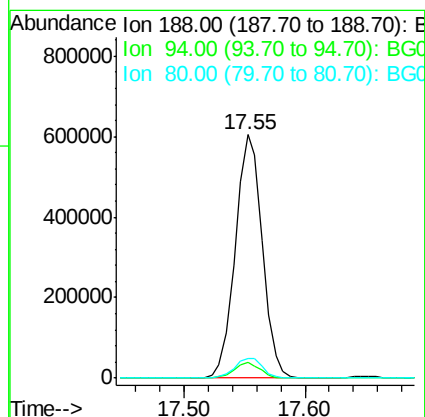
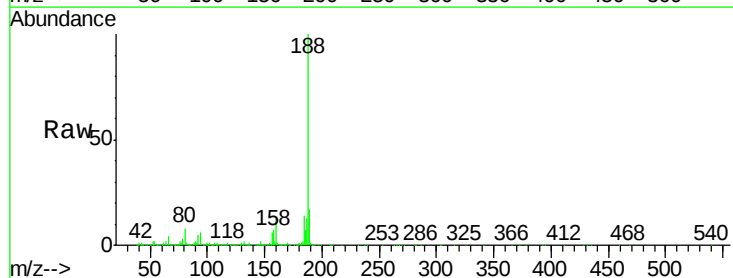
Instrument :
BNA_G
ClientSampled :

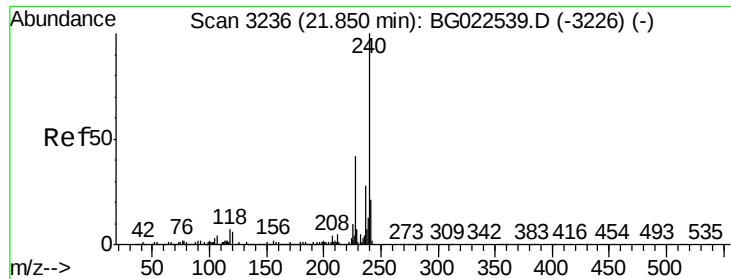
Tot Ion:163 Resp: 309116
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 8.3 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022608.D
Acq: 26 Jun 2016 13:25

Tgt Ion:188 Resp: 938433
Ion Ratio Lower Upper
188 100
94 6.3 5.2 7.8
80 7.8 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.00 min

Lab File: BG022608.D

Acq: 26 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

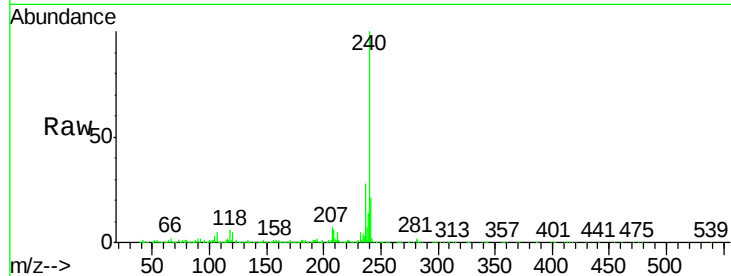
Tot Ion:240 Resp: 1044266

Ion Ratio Lower Upper

240 100

120 5.4 4.1 6.1

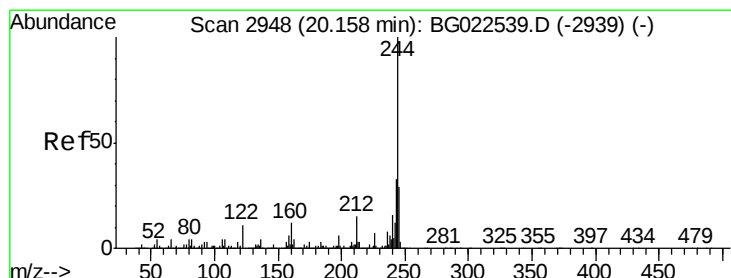
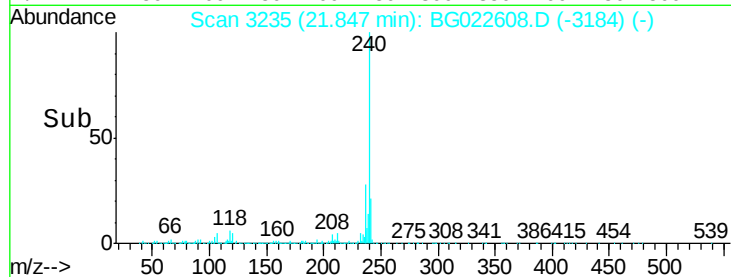
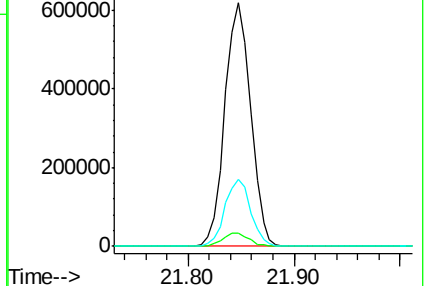
236 27.6 21.1 31.7



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: 61.75 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022608.D

Acq: 26 Jun 2016 13:25

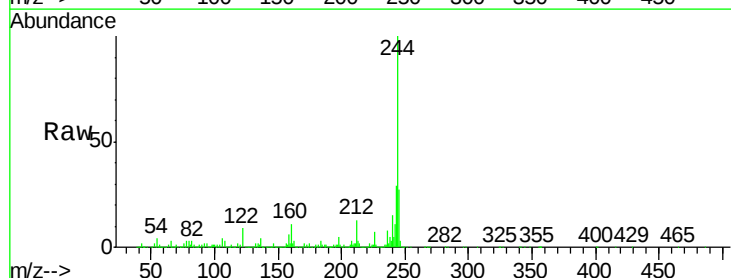
Tgt Ion:244 Resp: 2433733

Ion Ratio Lower Upper

244 100

212 12.5 10.8 16.2

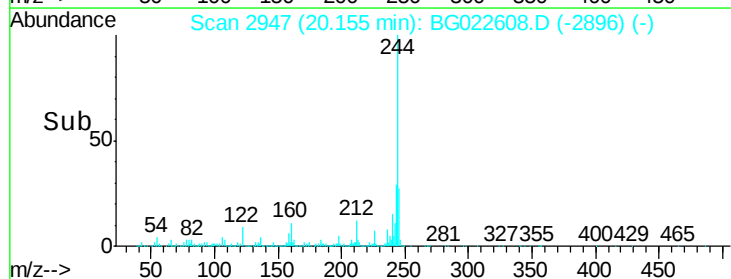
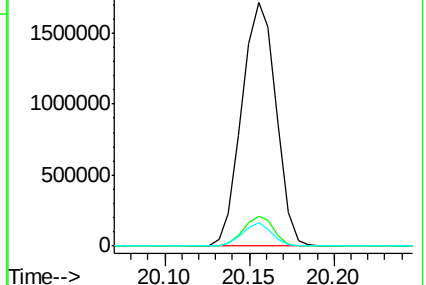
122 9.4 8.0 12.0

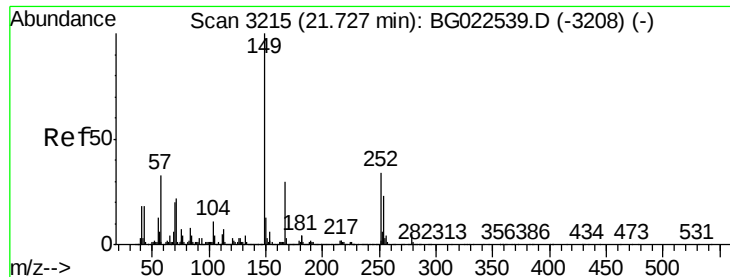


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.87 ng

RT: 21.71 min Scan# 3211

Delta R.T. -0.02 min

Lab File: BG022608.D

Acq: 26 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

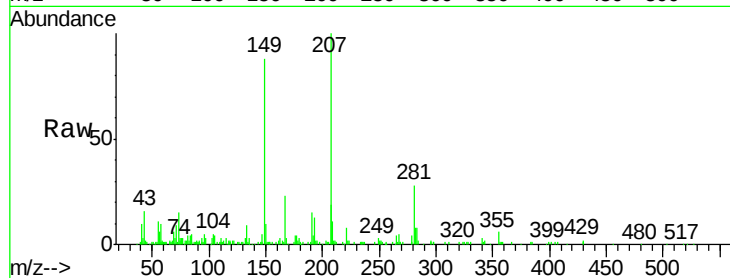
Tot Ion:149 Resp: 97162

Ion Ratio Lower Upper

149 100

167 26.6 24.0 36.0

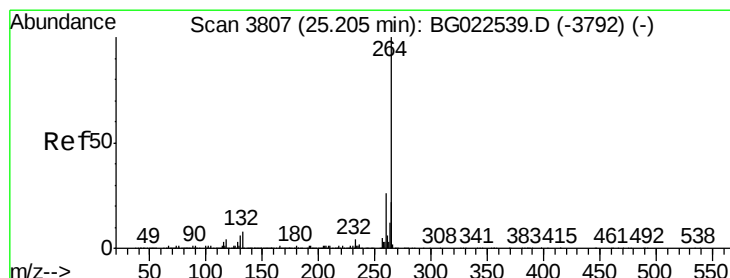
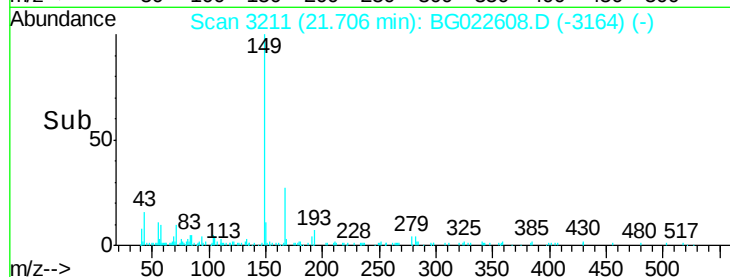
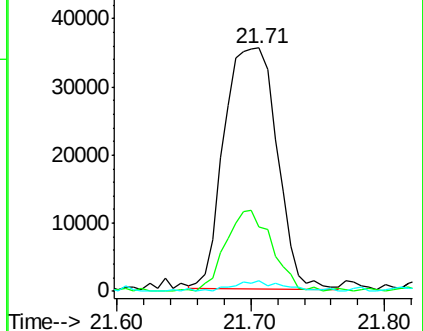
279 4.1 4.8 7.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

Delta R.T. 0.00 min

Lab File: BG022608.D

Acq: 26 Jun 2016 13:25

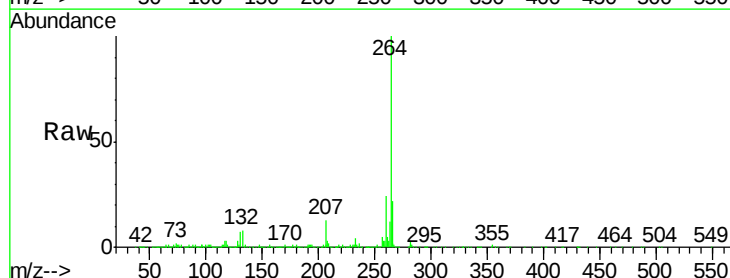
Tgt Ion:264 Resp: 1083874

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 21.7 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

