

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091415\
 Data File : BG018675.D
 Acq On : 14 Sep 2015 23:25
 Operator : UM/IZ
 Sample : G3650-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SES-EFFLUENT-CS-7

Quant Time: Sep 15 01:32:56 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 01:23:14 2015
 Response via : Initial Calibration

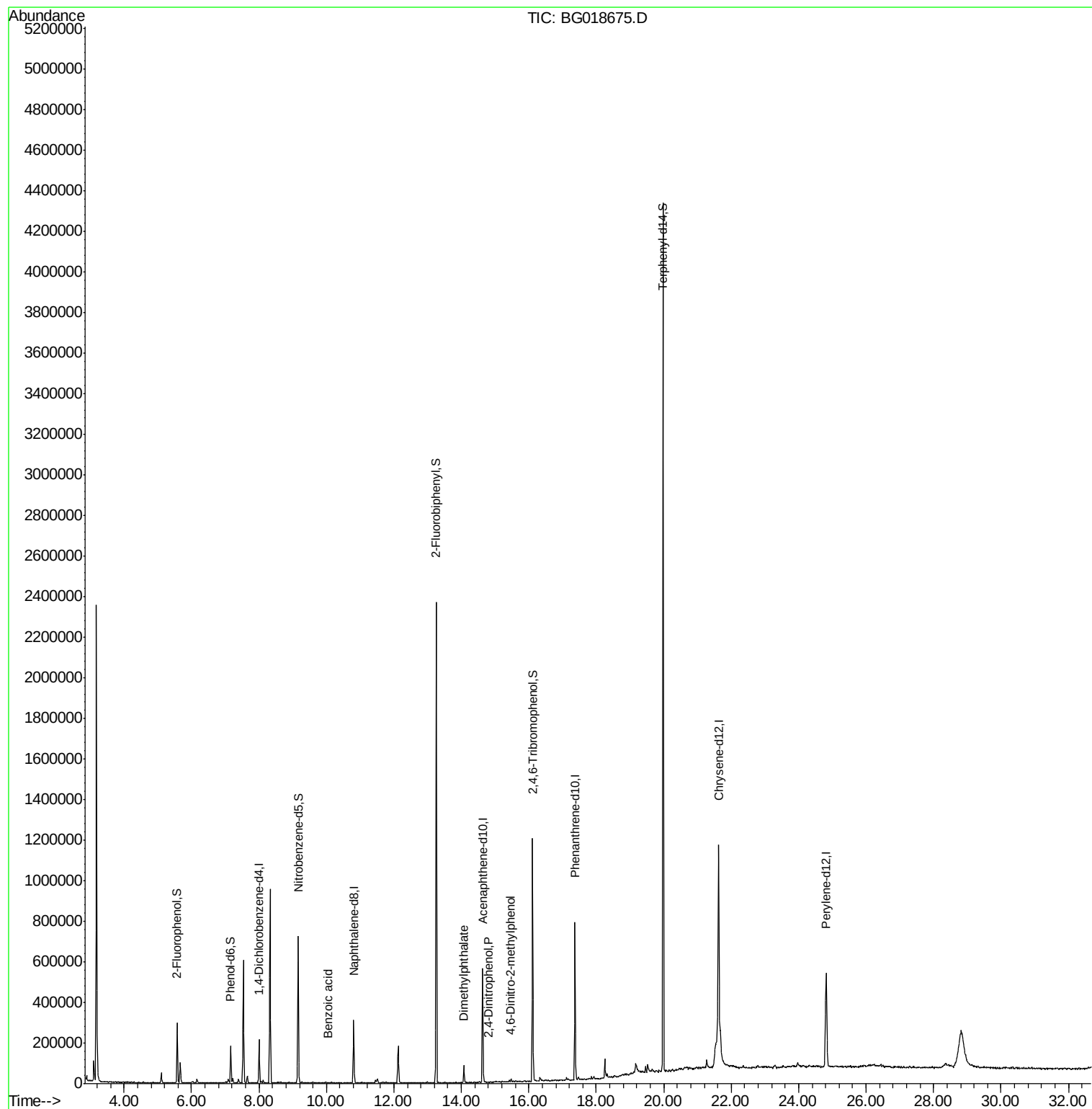
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	65344	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	275427	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	190638	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	488292	20.00	ng	0.00
75) Chrysene-d12	21.63	240	483857	20.00	ng	0.00
86) Perylene-d12	24.81	264	506972	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	140922	37.25	ng	0.00
7) Phenol-d6	7.16	99	121657	22.43	ng	0.00
23) Nitrobenzene-d5	9.16	82	459206	93.29	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	246266	95.94	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	1274818	92.83	ng	0.00
78) Terphenyl-d14	19.98	244	1757111	95.36	ng	0.00
Target Compounds						
32) Benzoic acid	10.04	122	214	7.98	ng	# 1
49) Dimethylphthalate	14.07	163	61113	3.87	ng	97
53) 2,4-Dinitrophenol	14.81	184	59	7.68	ng	# 24
64) 4,6-Dinitro-2-methylphenol	15.48	198	57	5.42	ng	# 1

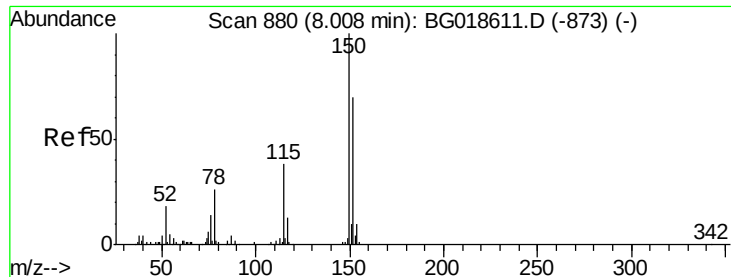
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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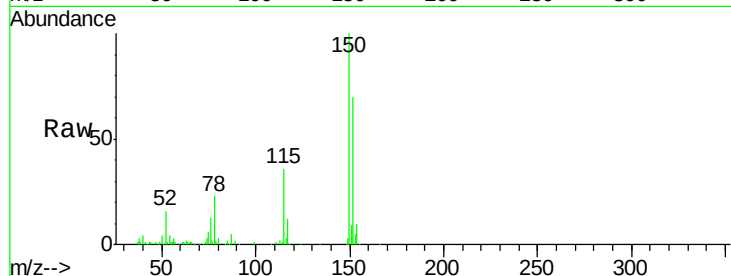


#1

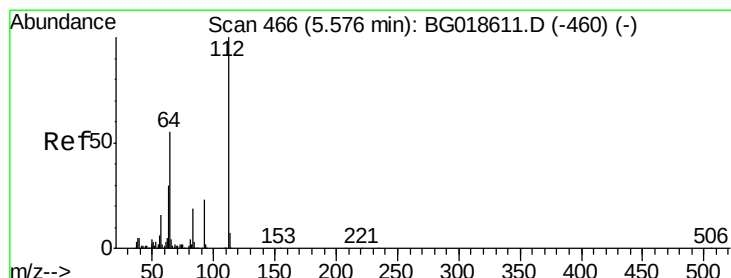
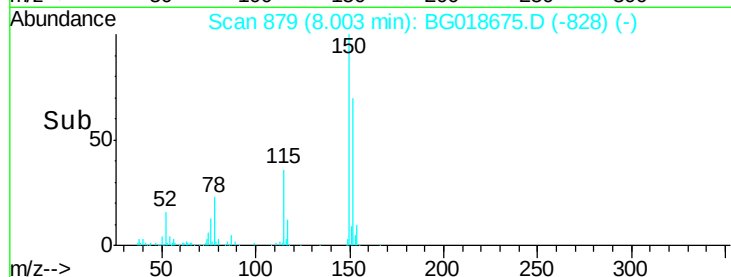
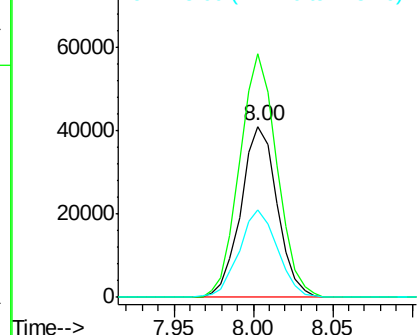
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. 0.00 min
Lab File: BG018675.D
Acq: 14 Sep 2015 23:25

Instrument :
BNA_G
ClientSampleId :
SES-EFFLUENT-CS-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.1	115.0	172.4
115	51.1	43.9	65.9



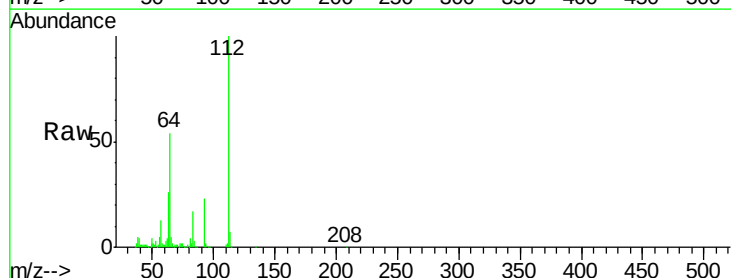
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



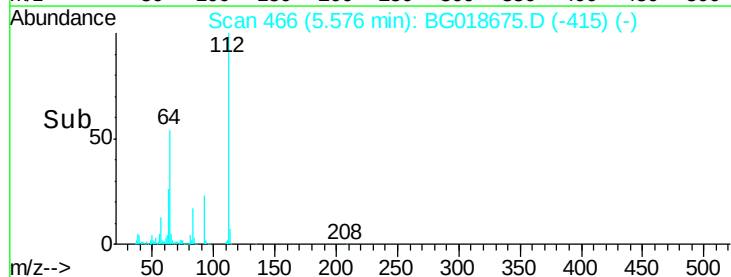
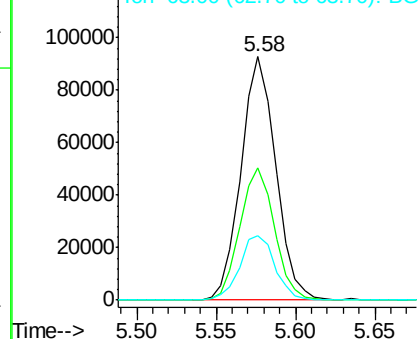
#5

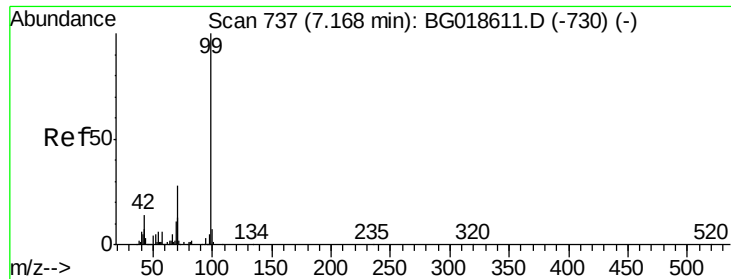
2-Fluorophenol
Concen: 37.25 ng
RT: 5.58 min Scan# 466
Delta R.T. 0.00 min
Lab File: BG018675.D
Acq: 14 Sep 2015 23:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	43.7	65.5
63	26.4	24.0	36.0



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: 22.43 ng

RT: 7.16 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG018675.D

Acq: 14 Sep 2015 23:25

Instrument :

BNA_G

ClientSampleId :

SES-EFFLUENT-CS-7

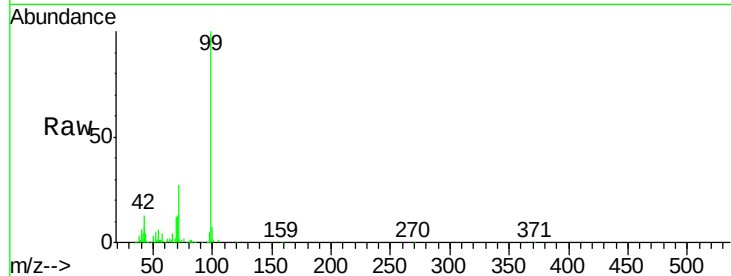
Tot Ion: 99 Resp: 121657

Ion Ratio Lower Upper

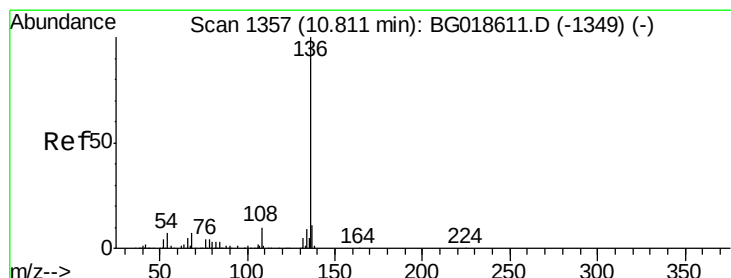
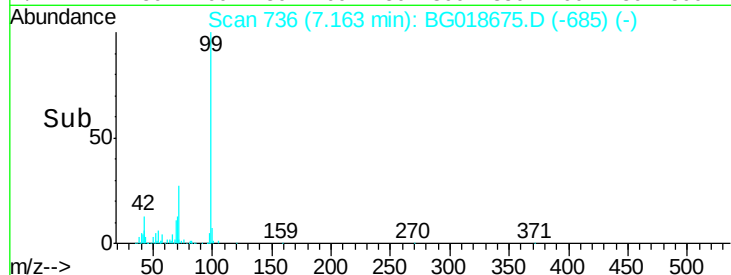
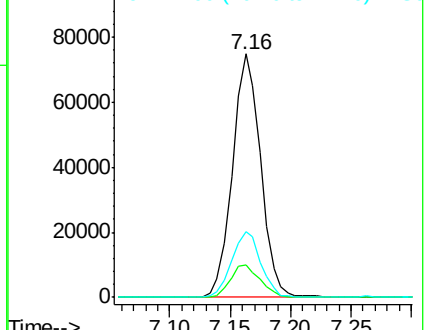
99 100

42 13.5 11.5 17.3

71 26.7 22.6 34.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BG018675.D

Acq: 14 Sep 2015 23:25

Tgt Ion: 136 Resp: 275427

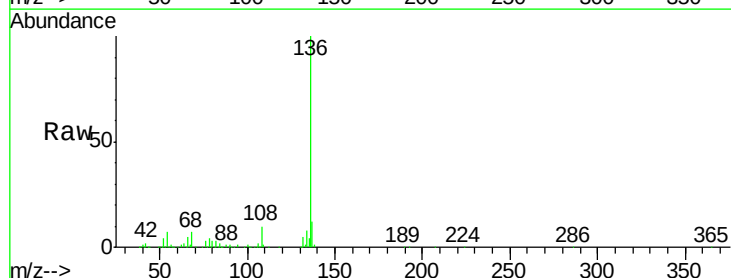
Ion Ratio Lower Upper

136 100

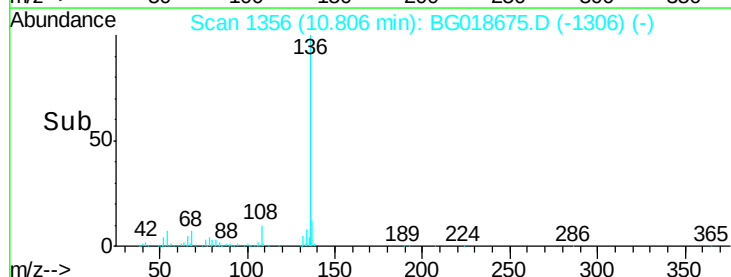
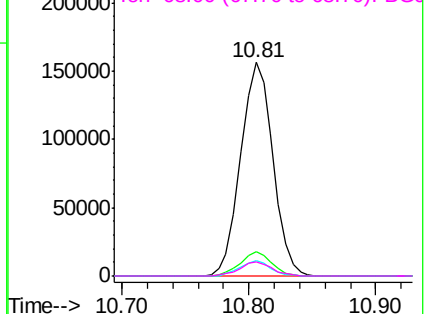
137 11.6 8.6 12.8

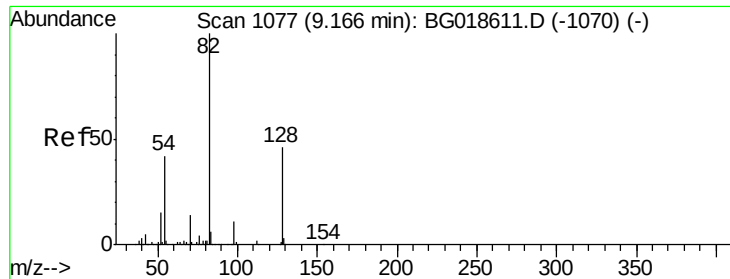
54 7.2 5.4 8.2

68 6.8 5.3 7.9



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

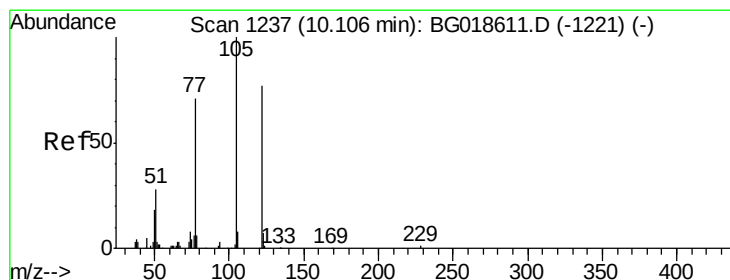
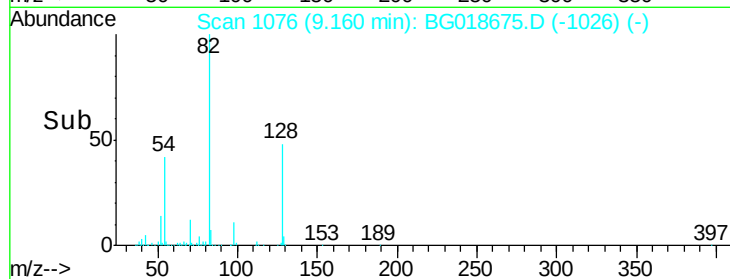
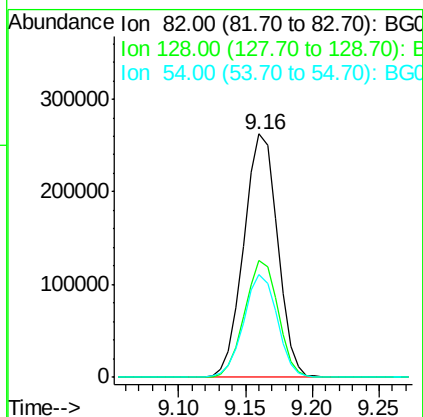
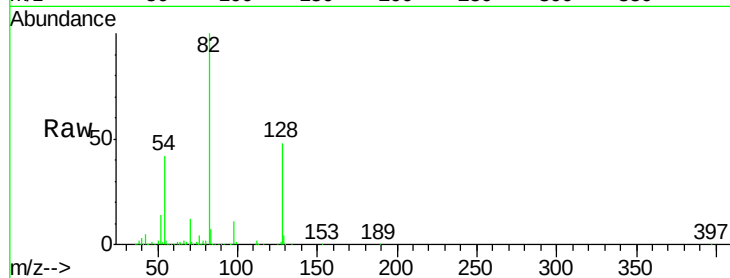




#23
Nitrobenzene-d5
Concen: 93.29 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BG018675.D
Acq: 14 Sep 2015 23:25

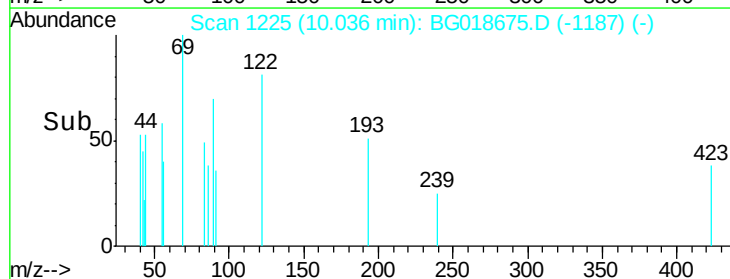
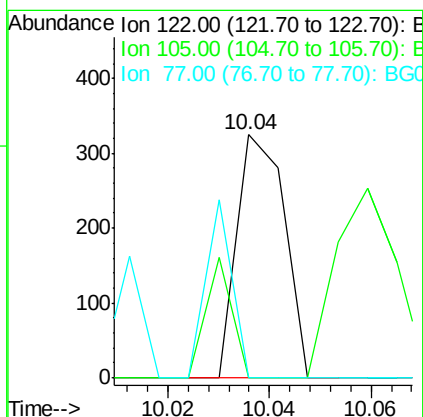
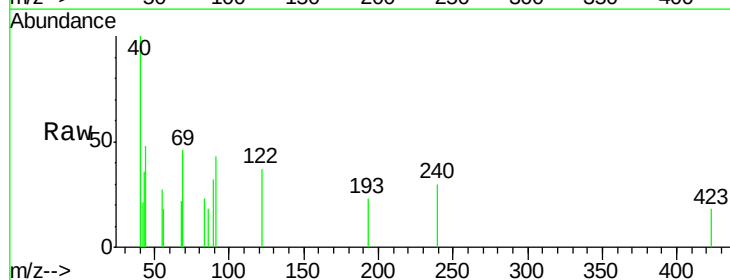
Instrument :
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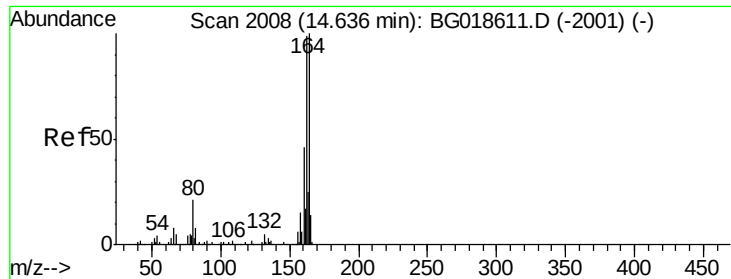
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.7	55.1
54	42.4	33.8	50.8



#32
Benzoic acid
Concen: 7.98 ng
RT: 10.04 min Scan# 1225
Delta R.T. -0.08 min
Lab File: BG018675.D
Acq: 14 Sep 2015 23:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.8	143.8#
77	0.0	68.8	108.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BG018675.D

Acq: 14 Sep 2015 23:25

Instrument :

BNA_G

ClientSampleId :

SES-EFFLUENT-CS-7

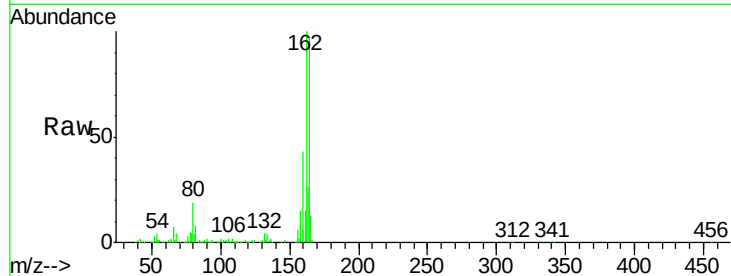
Tot Ion:164 Resp: 190638

Ion Ratio Lower Upper

164 100

162 103.3 78.8 118.2

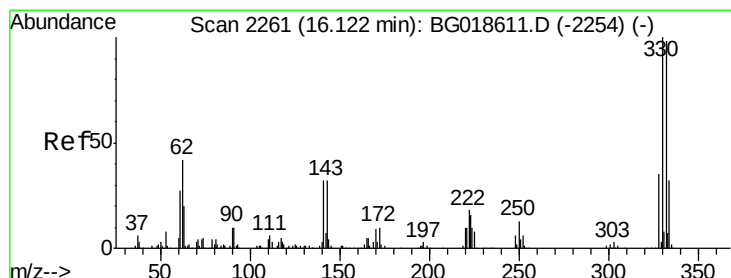
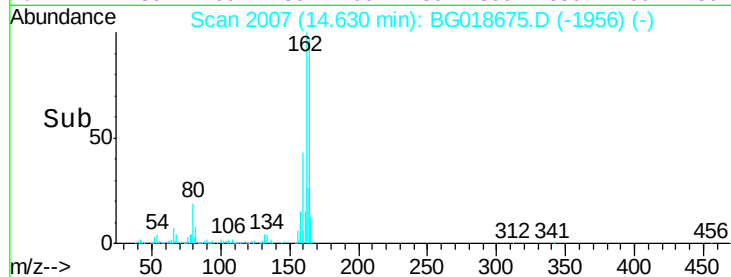
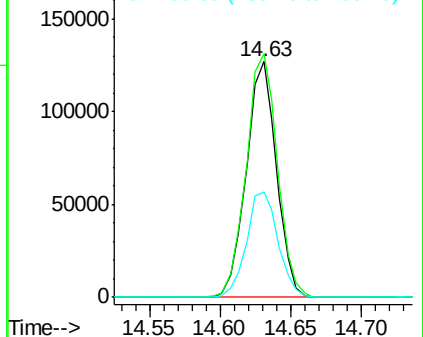
160 44.9 36.4 54.6



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: 95.94 ng

RT: 16.12 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BG018675.D

Acq: 14 Sep 2015 23:25

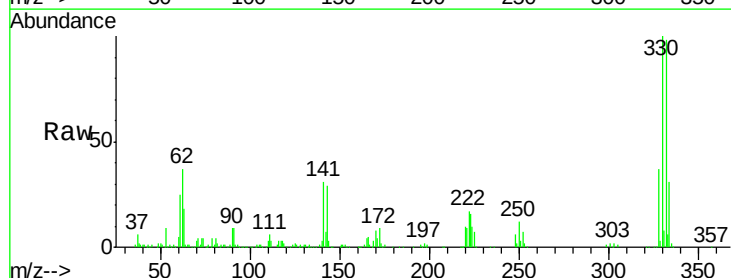
Tgt Ion:330 Resp: 246266

Ion Ratio Lower Upper

330 100

332 95.7 78.1 117.1

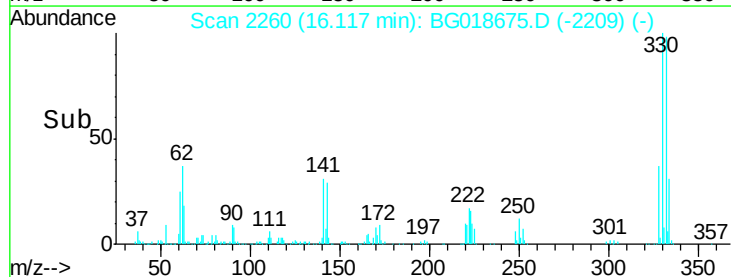
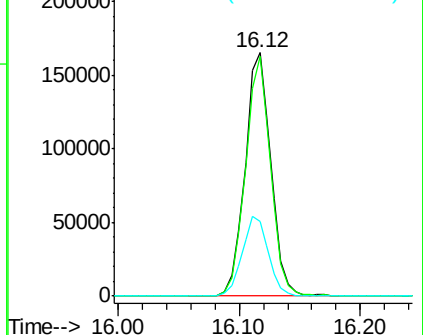
141 33.1 28.2 42.2

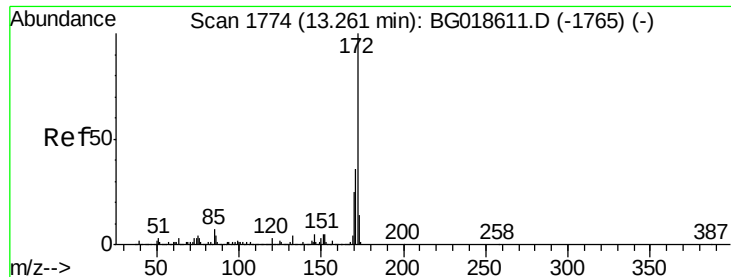


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

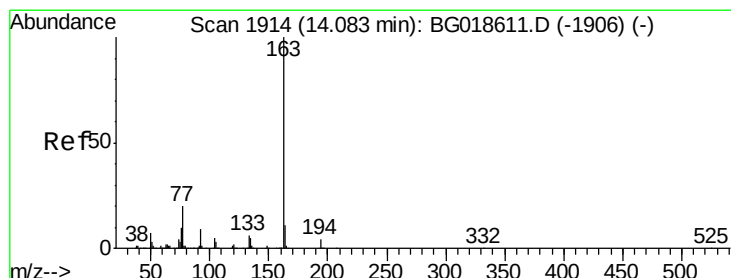
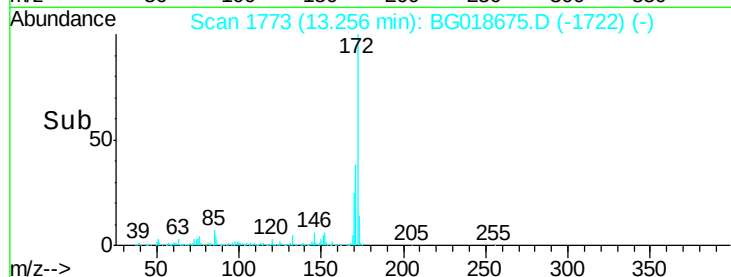
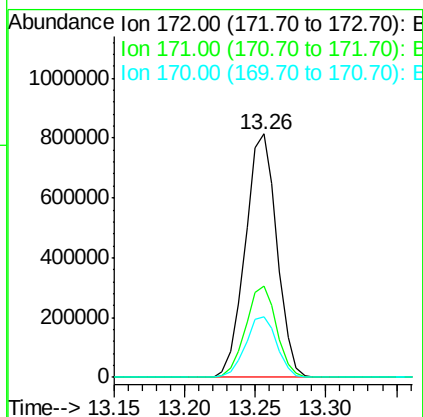
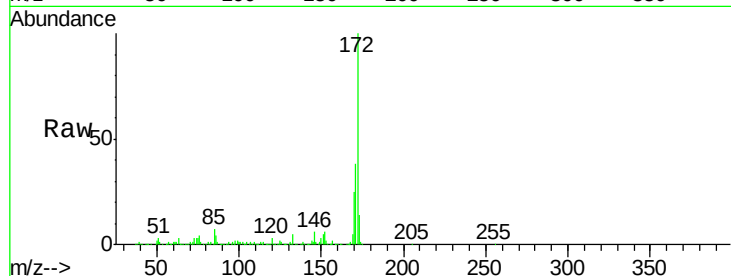




#44
2-Fluorobiphenyl
Concen: 92.83 ng
RT: 13.26 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG018675.D
Acq: 14 Sep 2015 23:25

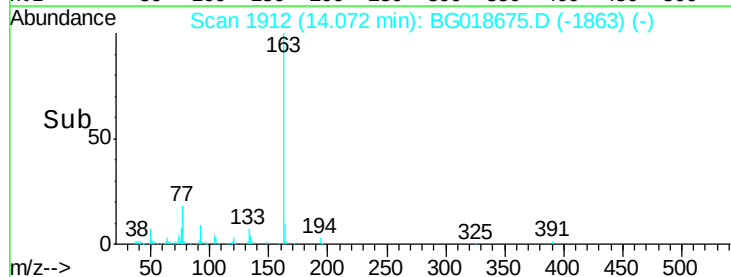
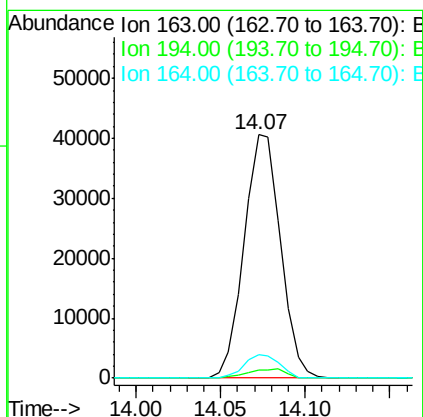
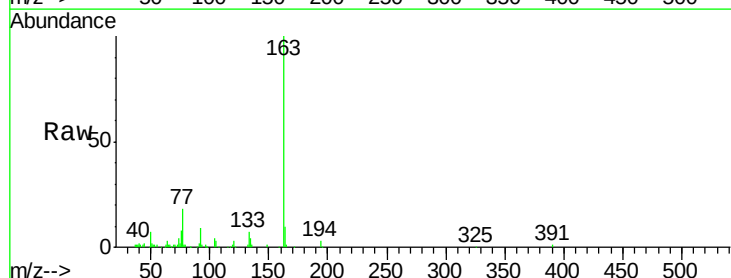
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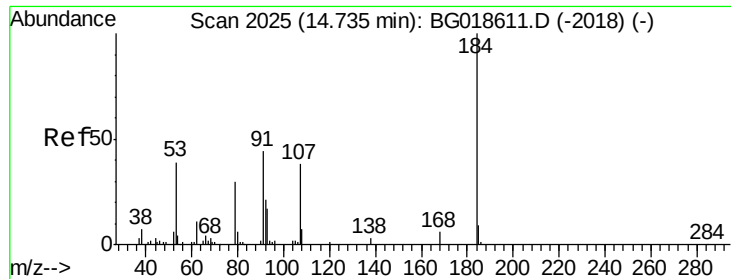
Tot Ion:172 Resp: 1274818
Ion Ratio Lower Upper
172 100
171 37.5 29.0 43.6
170 24.9 19.9 29.9



#49
Dimethylphthalate
Concen: 3.87 ng
RT: 14.07 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG018675.D
Acq: 14 Sep 2015 23:25

Tgt Ion:163 Resp: 61113
Ion Ratio Lower Upper
163 100
194 3.3 3.1 4.7
164 9.7 8.8 13.2

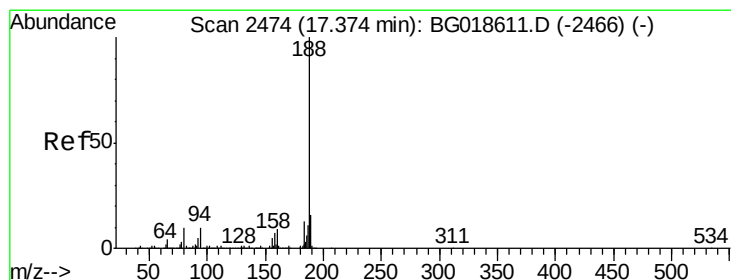
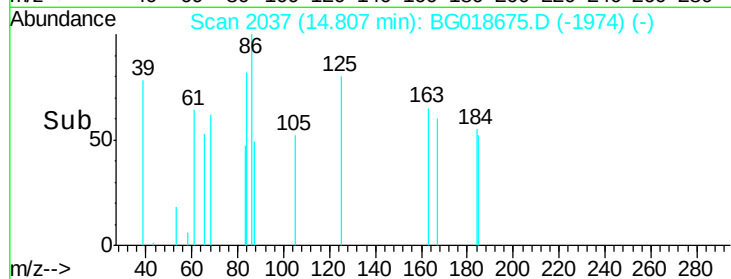
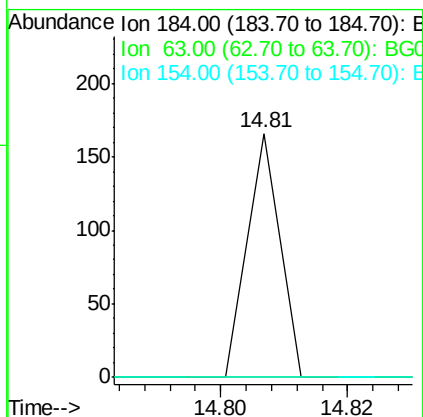
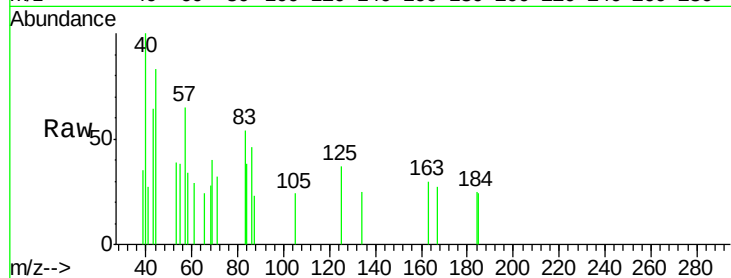




#53
2,4-Dinitrophenol
Concen: 7.68 ng
RT: 14.81 min Scan# 2037
Delta R.T. 0.07 min
Lab File: BG018675.D
Acq: 14 Sep 2015 23:25

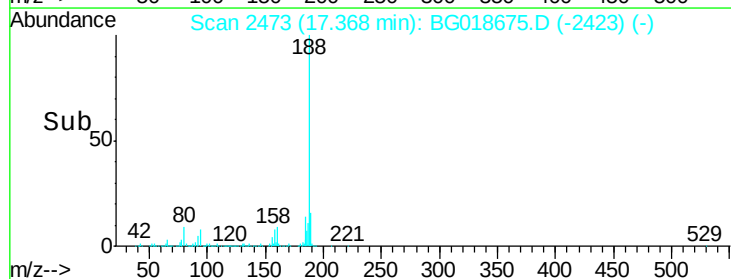
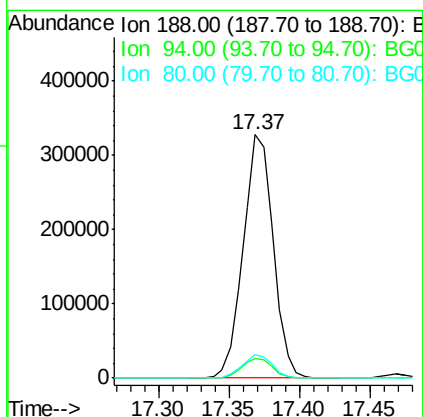
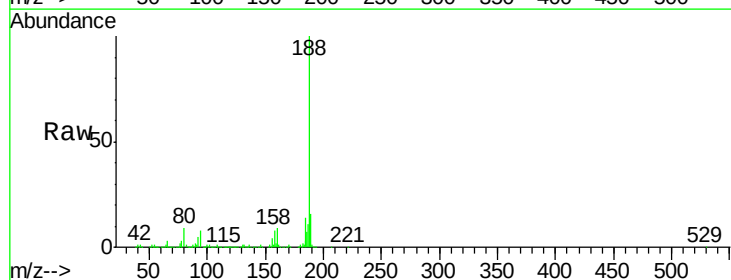
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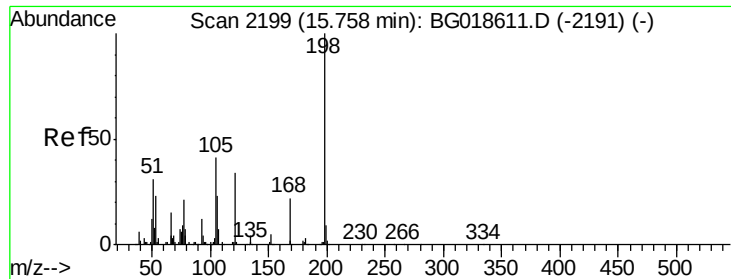
Tot Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 42.7 64.1#
154 0.0 44.3 66.5#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BG018675.D
Acq: 14 Sep 2015 23:25

Tgt Ion:188 Resp: 488292
Ion Ratio Lower Upper
188 100
94 8.1 7.7 11.5
80 9.4 7.8 11.8

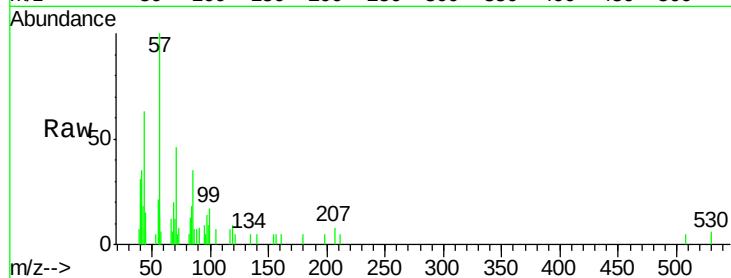




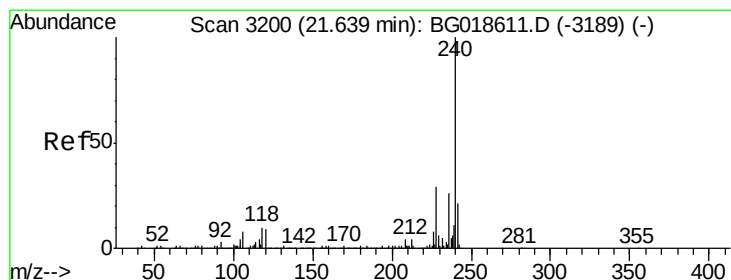
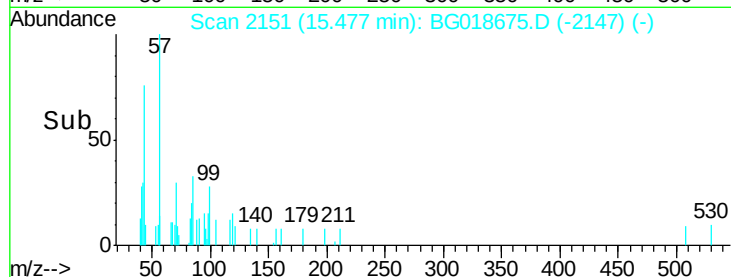
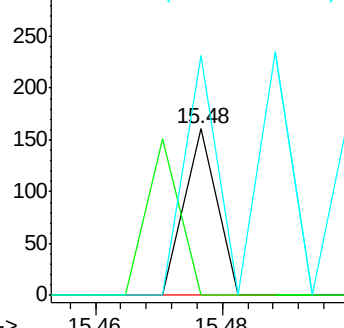
#64
4,6-Dinitro-2-methylphenol
Concen: 5.42 ng
RT: 15.48 min Scan# 2151
Delta R.T. -0.28 min
Lab File: BG018675.D
Acq: 14 Sep 2015 23:25

Instrument :
BNA_G
ClientSampleId :
SES-EFFLUENT-CS-7

Tot Ion:198 Resp: 57
Ion Ratio Lower Upper
198 100
51 0.0 14.2 54.2#
105 144.1 21.1 61.1#

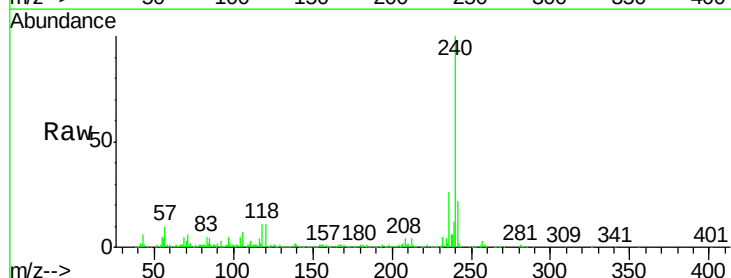


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

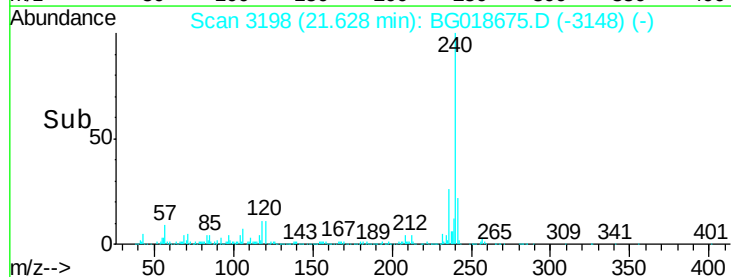
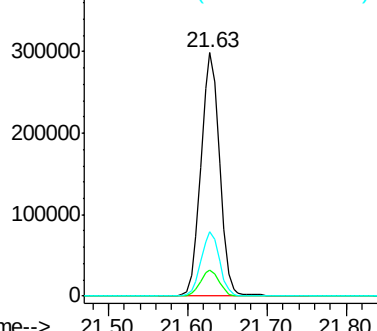


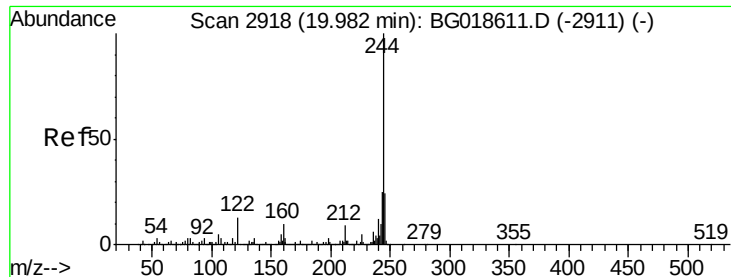
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BG018675.D
Acq: 14 Sep 2015 23:25

Tgt Ion:240 Resp: 483857
Ion Ratio Lower Upper
240 100
120 10.7 7.4 11.0
236 26.3 20.7 31.1



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: 95.36 ng

RT: 19.98 min Scan# 2918

Delta R.T. 0.00 min

Lab File: BG018675.D

Acq: 14 Sep 2015 23:25

Instrument :

BNA_G

ClientSampleId :

SES-EFFLUENT-CS-7

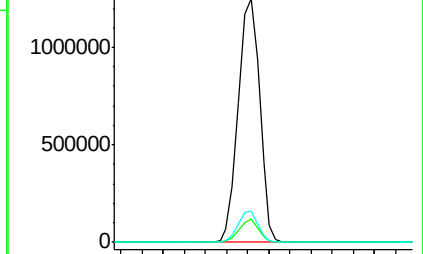
Tot Ion:244 Resp: 1757111

Ion	Ratio	Lower	Upper
244	100		
212	9.6	6.9	10.3
122	12.6	10.2	15.2

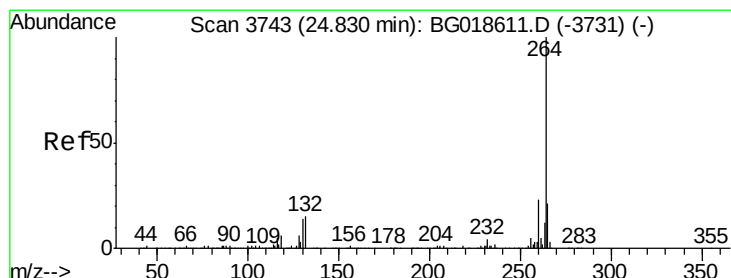
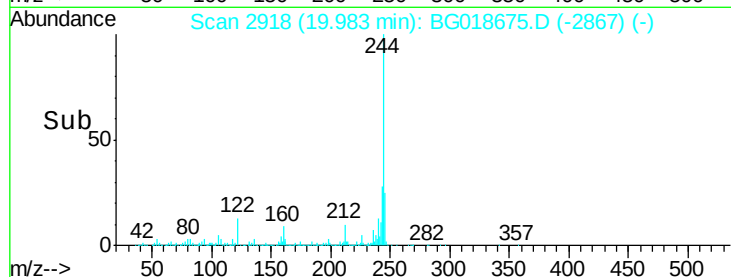
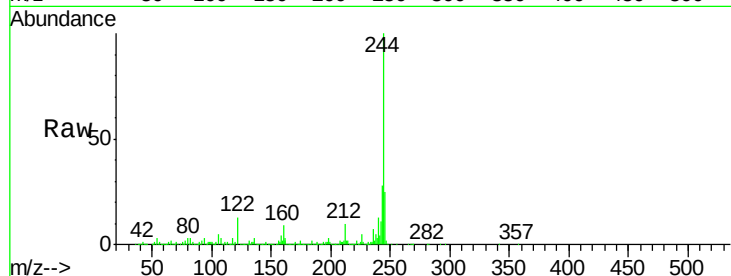
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.81 min Scan# 3740

Delta R.T. -0.01 min

Lab File: BG018675.D

Acq: 14 Sep 2015 23:25

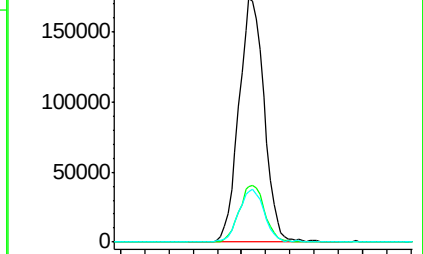
Tgt Ion:264 Resp: 506972

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	20.9	17.2	25.8

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



Time-->

