

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031507.D
 Acq On : 13 Dec 2017 1:11
 Operator : SJ/JU
 Sample : I6766-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WQ-5W

Quant Time: Dec 13 05:57:55 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

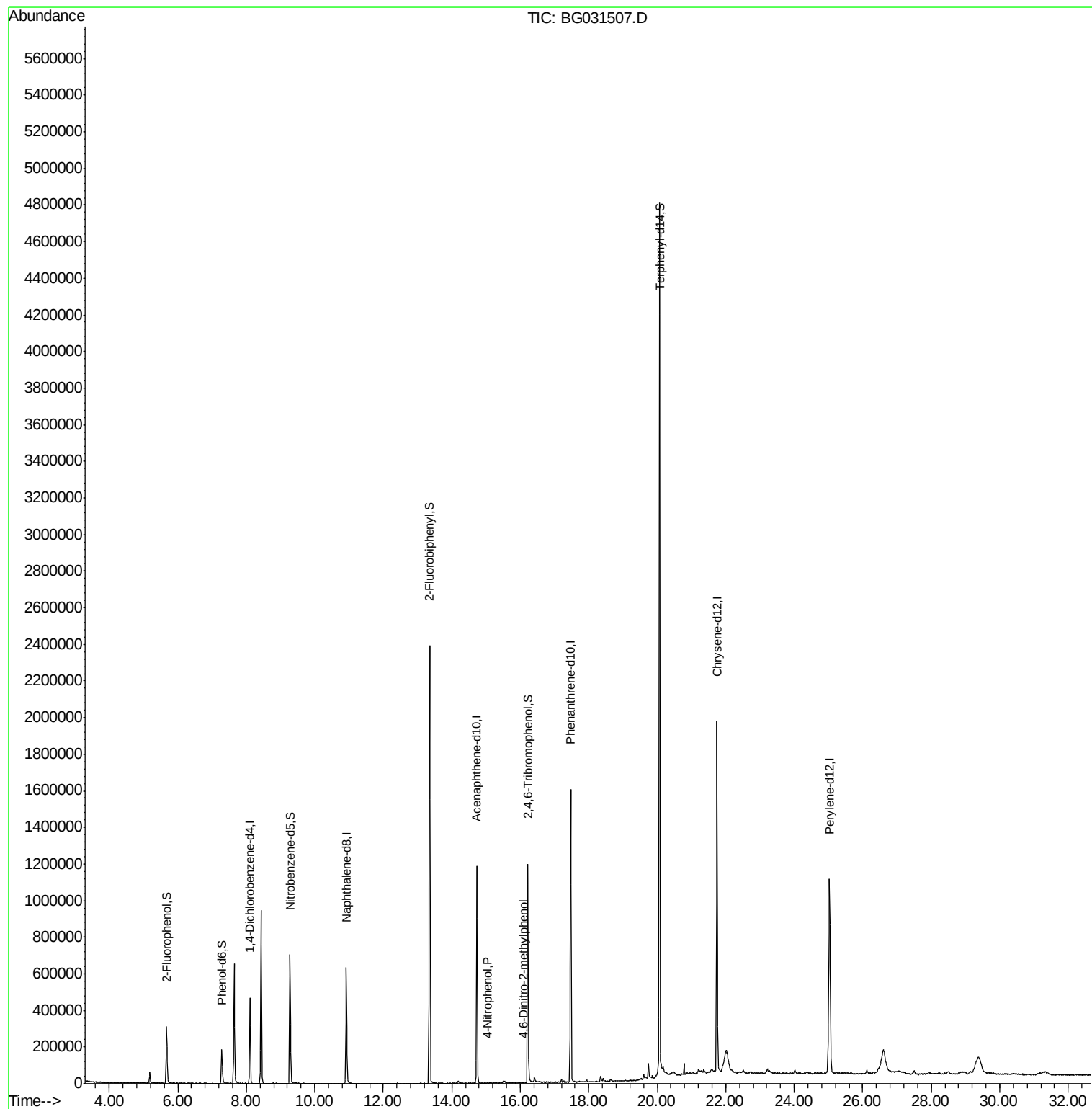
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	143119	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	623483	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	423863	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	1050566	20.00	ng	0.00
75) Chrysene-d12	21.74	240	1187007	20.00	ng	0.00
86) Perylene-d12	25.03	264	1191916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	167247	20.71	ng	0.00
7) Phenol-d6	7.28	99	131874	11.76	ng	0.01
23) Nitrobenzene-d5	9.28	82	467746	46.24	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	257116	51.78	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1360085	47.10	ng	0.00
78) Terphenyl-d14	20.07	244	2130544	40.84	ng	0.00
Target Compounds						
55) 4-Nitrophenol	15.03	139	59	3.553	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.10	198	60	4.917	ng	# 27

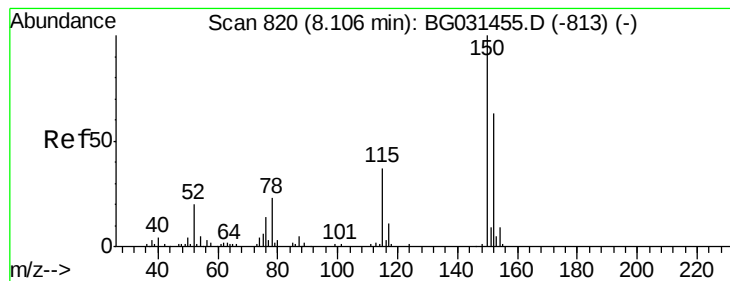
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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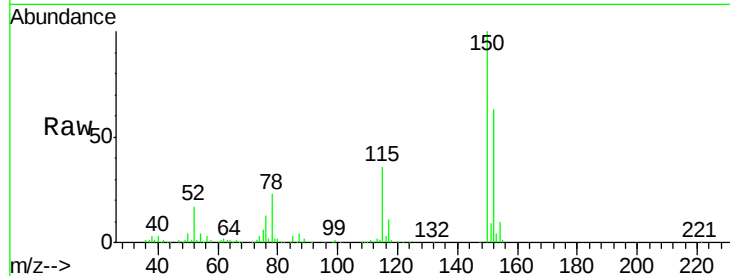


#1

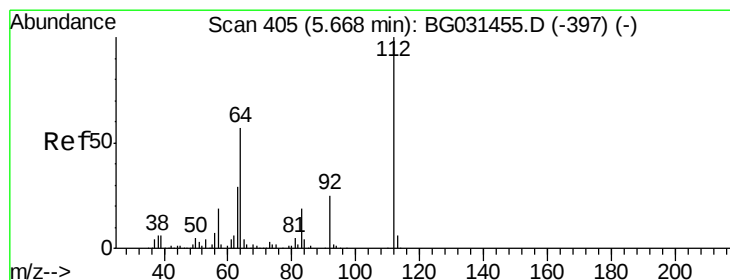
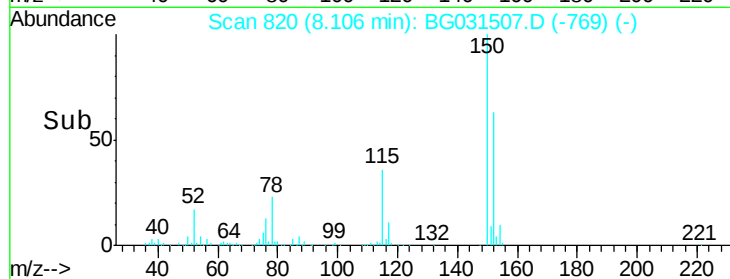
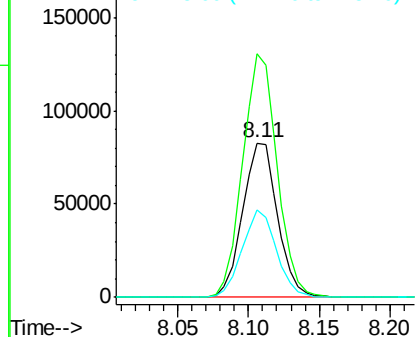
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG031507.D
 Acq: 13 Dec 2017 1:11

Instrument :
 BNA_G
 ClientSampleId :
 WQ-5W

Tot Ion	152	Resp	143119
Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.6	189.8
115	56.5	53.0	79.4



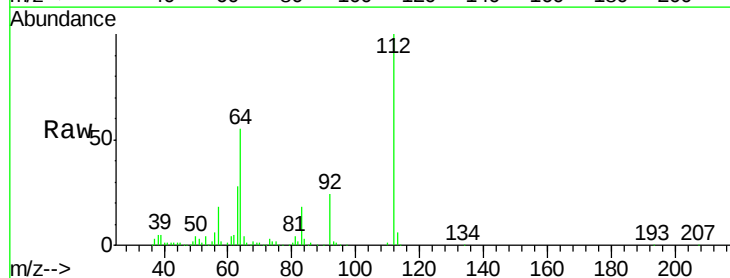
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



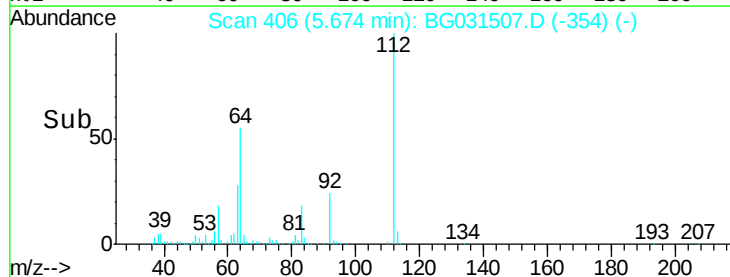
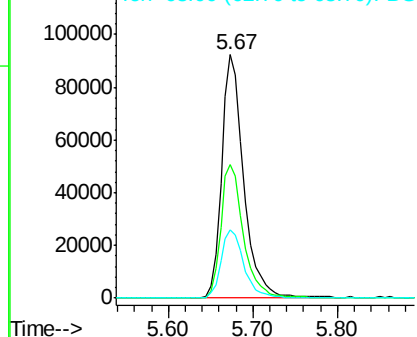
#5

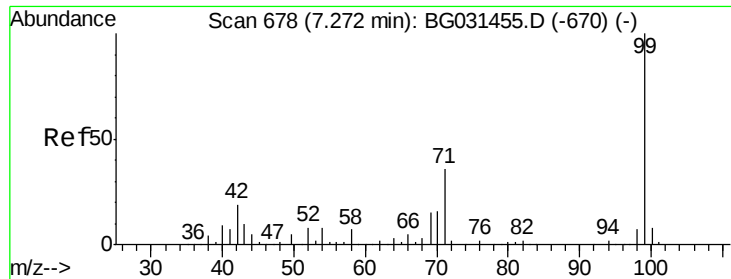
2-Fluorophenol
 Concen: 20.713 ng
 RT: 5.67 min Scan# 406
 Delta R.T. 0.01 min
 Lab File: BG031507.D
 Acq: 13 Dec 2017 1:11

Tgt Ion	112	Resp	167247
Ion	Ratio	Lower	Upper
112	100		
64	54.7	56.3	84.5#
63	27.8	30.1	45.1#



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: 11.765 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG031507.D

Acq: 13 Dec 2017 1:11

Instrument :

BNA_G

ClientSampleId :

WQ-5W

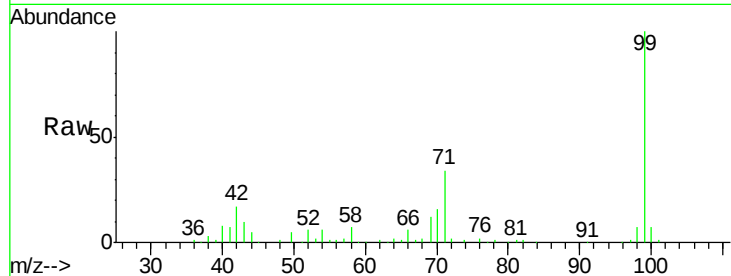
Tot Ion: 99 Resp: 131874

Ion Ratio Lower Upper

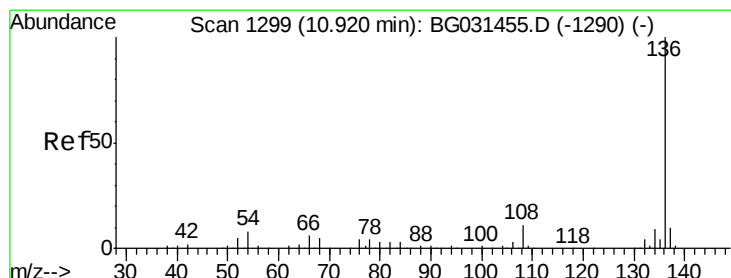
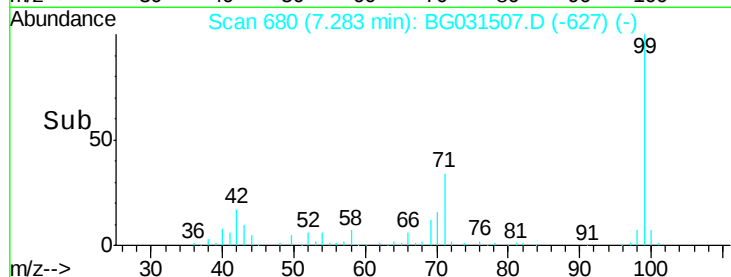
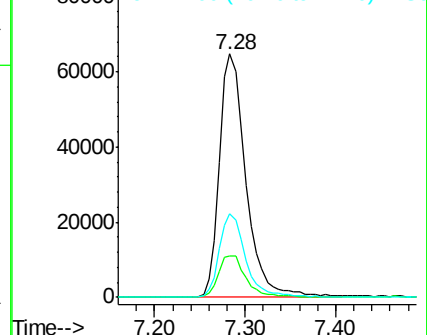
99 100

42 17.0 14.1 21.1

71 34.2 26.1 39.1



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: 20.000 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG031507.D

Acq: 13 Dec 2017 1:11

Tgt Ion: 136 Resp: 623483

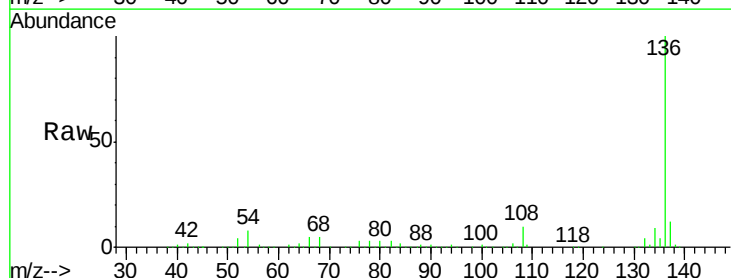
Ion Ratio Lower Upper

136 100

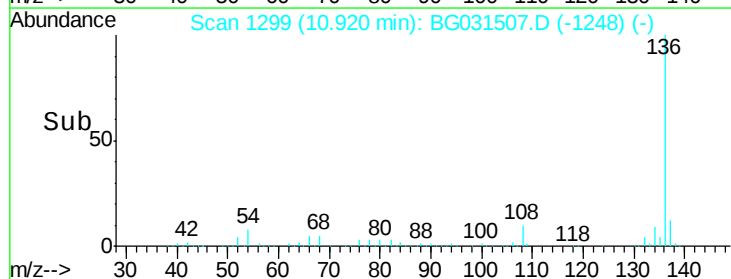
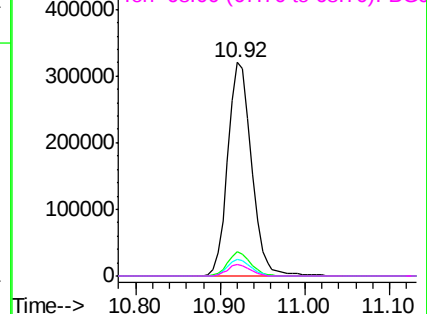
137 11.6 9.2 13.8

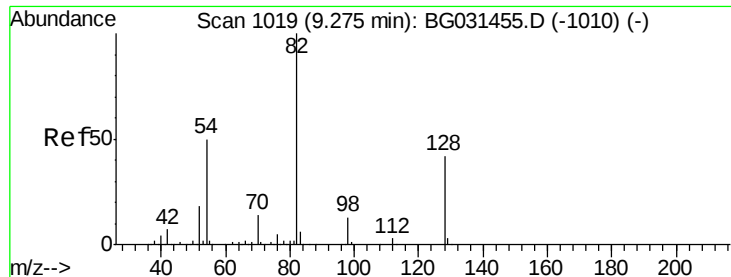
54 7.7 10.3 15.5#

68 5.3 4.5 6.7



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

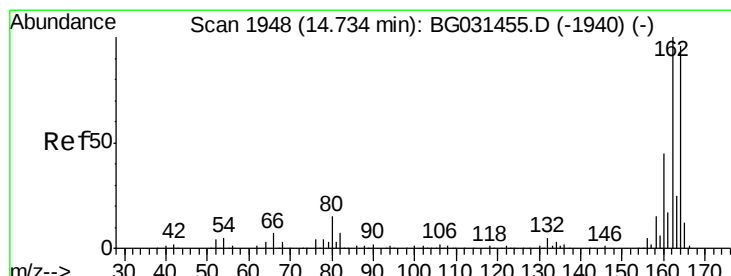
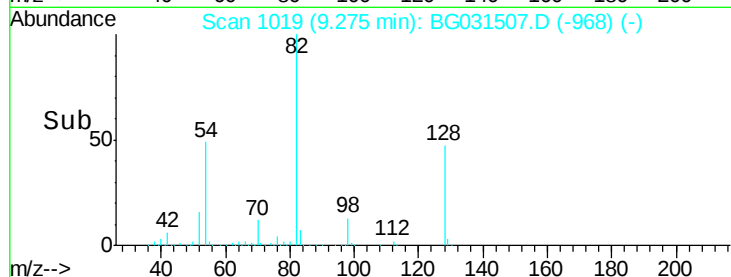
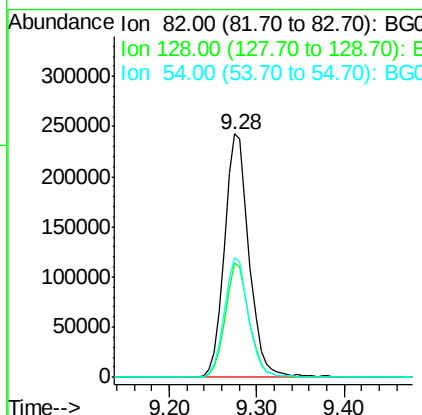
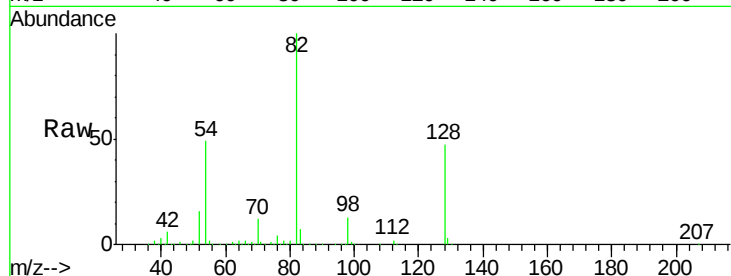




#23
Nitrobenzene-d5
Concen: 46.241 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG031507.D
Acq: 13 Dec 2017 1:11

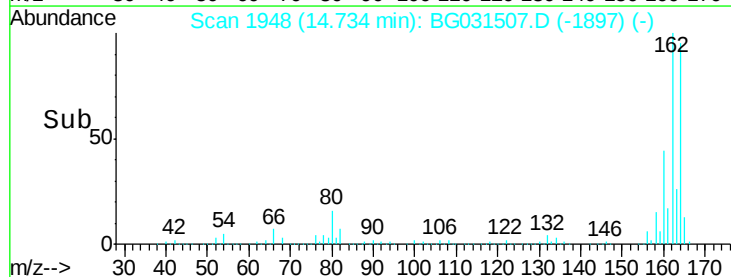
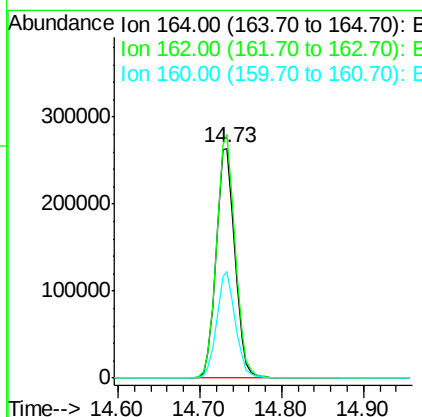
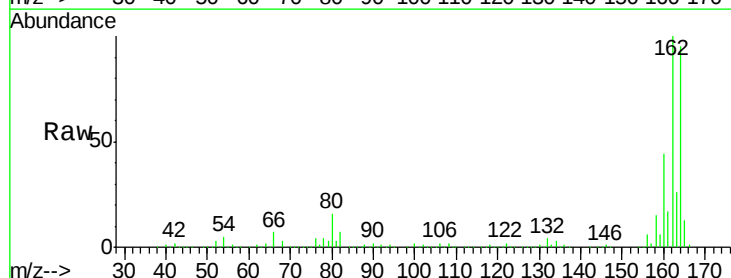
Instrument :
BNA_G
ClientSampleId :
WQ-5W

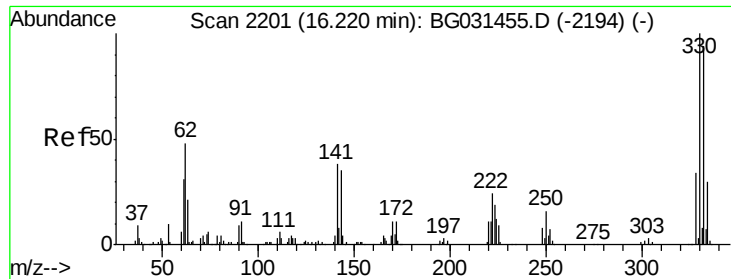
Tot Ion: 82 Resp: 467746
Ion Ratio Lower Upper
82 100
128 46.9 29.7 44.5#
54 49.2 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG031507.D
Acq: 13 Dec 2017 1:11

Tgt Ion:164 Resp: 423863
Ion Ratio Lower Upper
164 100
162 105.8 78.8 118.2
160 46.4 35.4 53.0

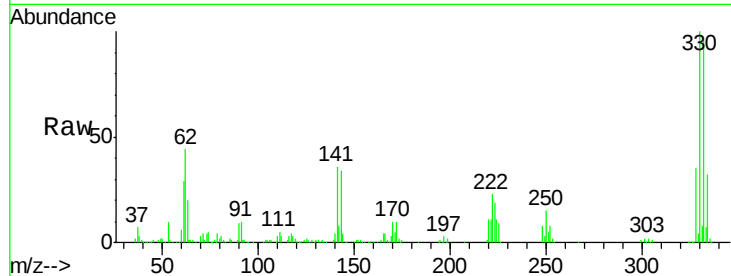




#41
 2,4,6-Tribromophenol
 Concen: 51.778 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031507.D
 Acq: 13 Dec 2017 1:11

Instrument :
 BNA_G
 ClientSampleId :
 WQ-5W

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	35.1	25.2	37.8

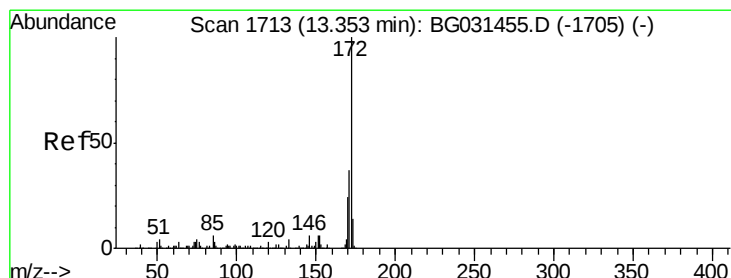
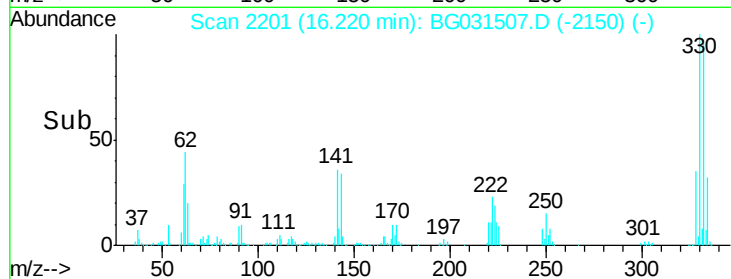
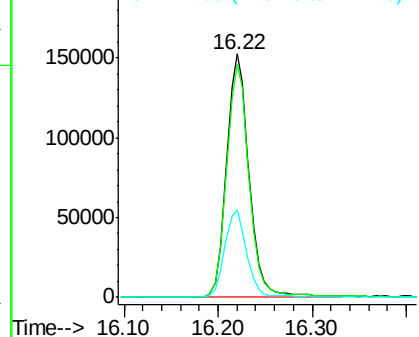


Abundance

Ion 329.80 (329.50 to 330.50): E

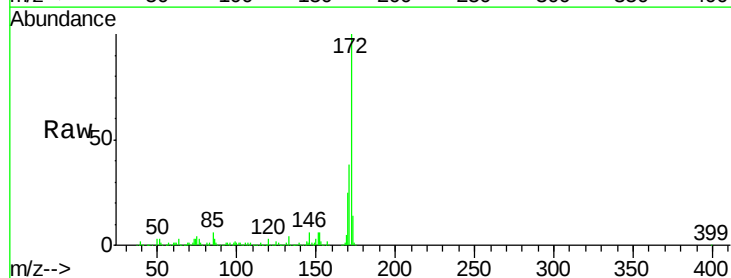
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 47.101 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031507.D
 Acq: 13 Dec 2017 1:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.6	19.5	29.3

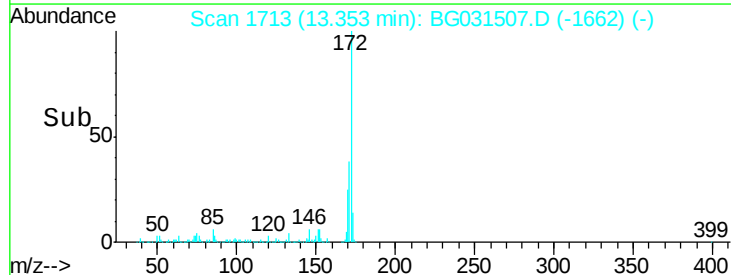
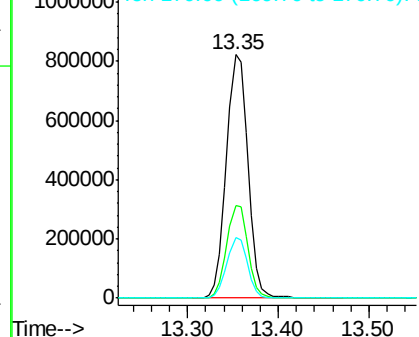


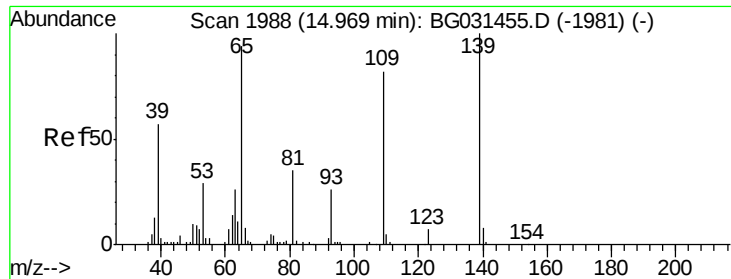
Abundance

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

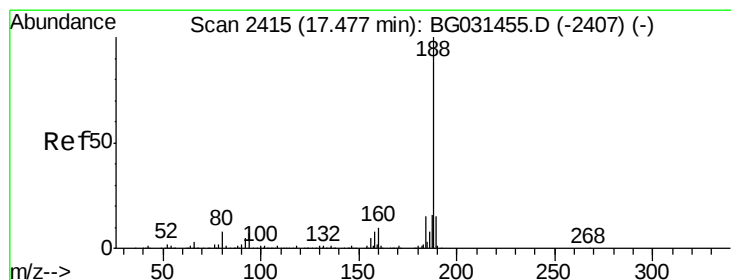
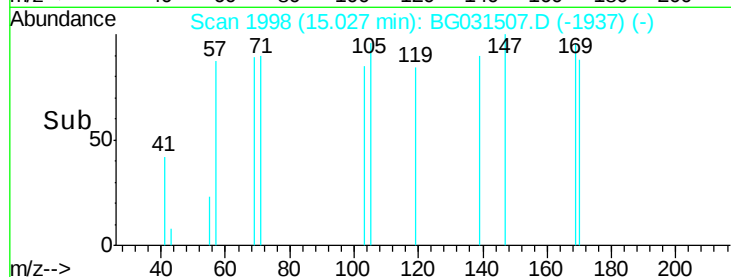
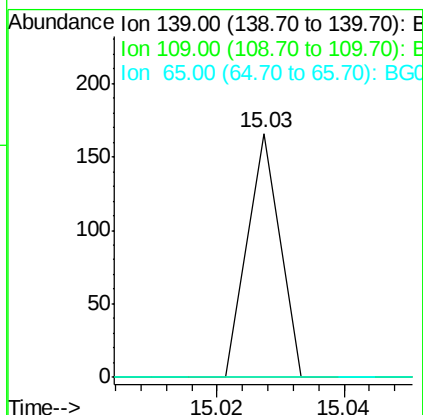
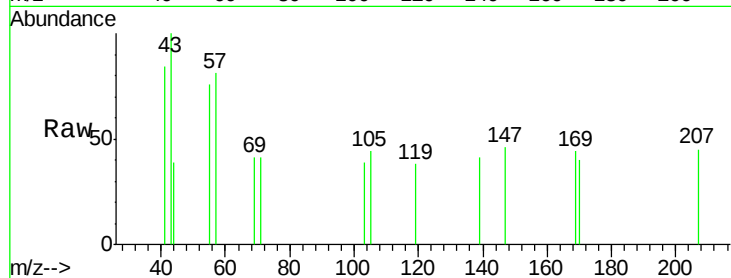




#55
4-Nitrophenol
Concen: 3.553 ng
RT: 15.03 min Scan# 1998
Delta R.T. 0.06 min
Lab File: BG031507.D
Acq: 13 Dec 2017 1:11

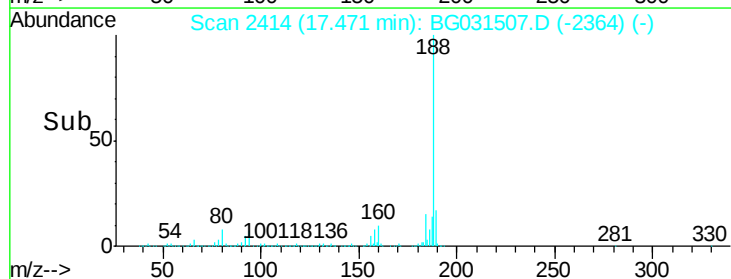
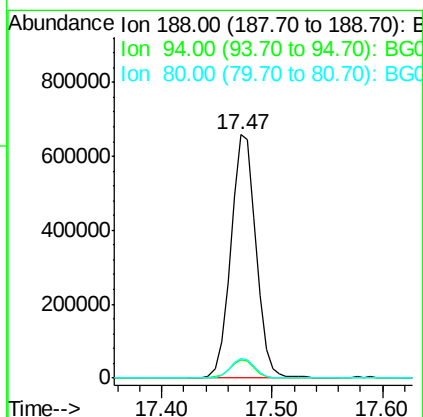
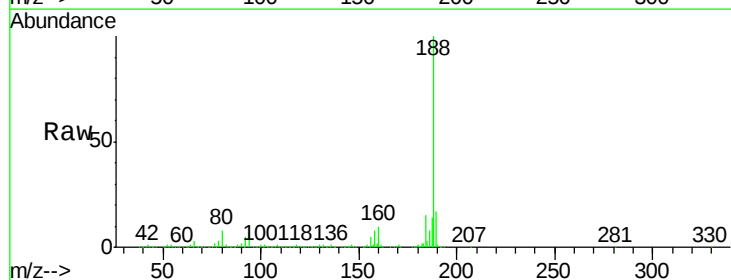
Instrument :
BNA_G
ClientSampleId :
WQ-5W

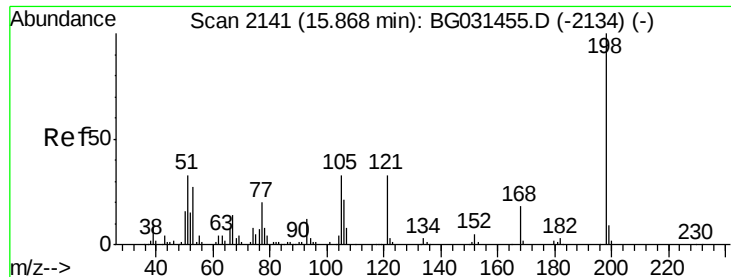
Tot Ion:139 Resp: 59
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031507.D
Acq: 13 Dec 2017 1:11

Tgt Ion:188 Resp: 1050566
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 8.1 7.7 11.5

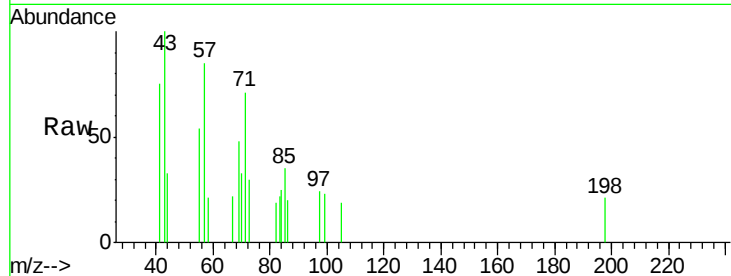




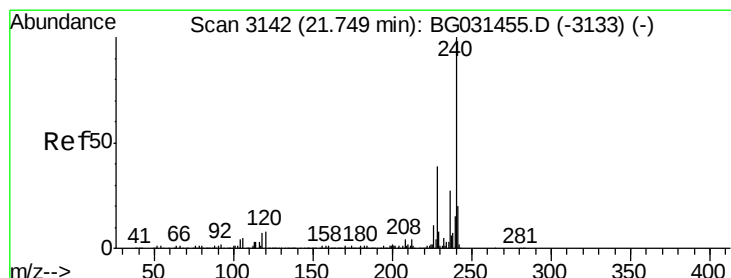
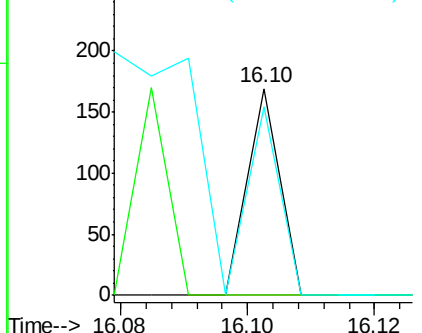
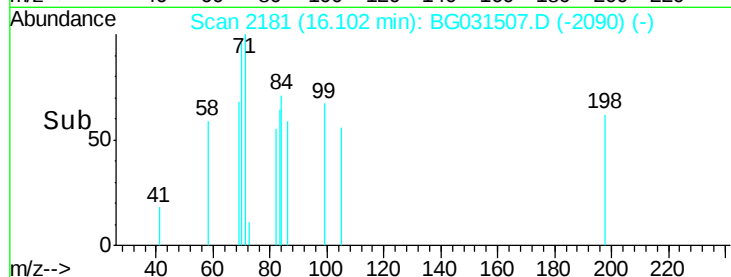
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.917 ng
 RT: 16.10 min Scan# 2181
 Delta R.T. 0.24 min
 Lab File: BG031507.D
 Acq: 13 Dec 2017 1:11

Instrument :
 BNA_G
 ClientSampled :
 WQ-5W

Tot Ion:198 Resp: 60
 Ion Ratio Lower Upper
 198 100
 51 0.0 30.6 70.6#
 105 91.1 23.8 63.8#

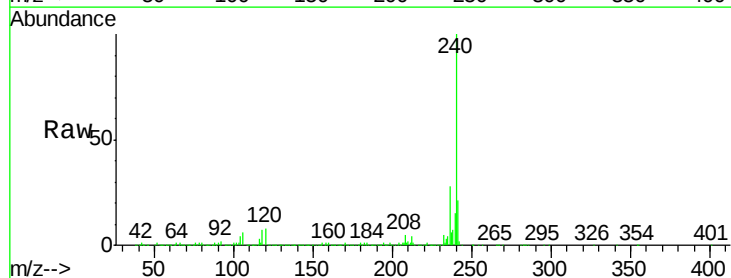


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

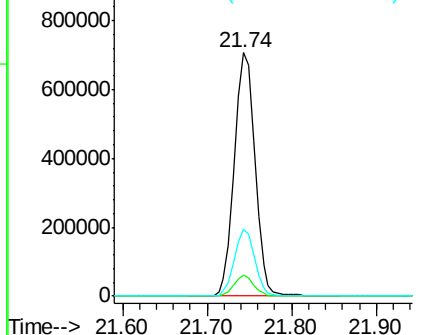
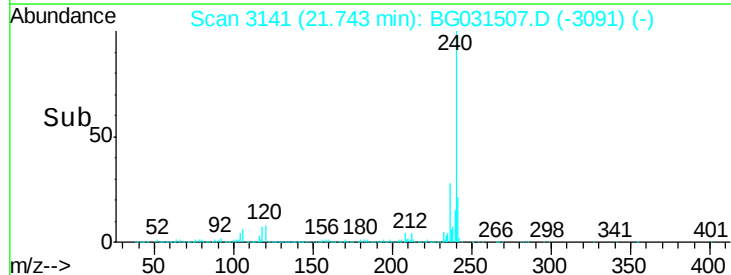


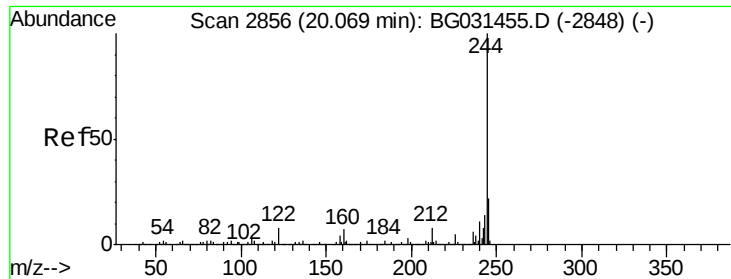
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG031507.D
 Acq: 13 Dec 2017 1:11

Tgt Ion:240 Resp: 1187007
 Ion Ratio Lower Upper
 240 100
 120 8.4 6.8 10.2
 236 27.6 20.9 31.3



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: 40.837 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031507.D

Acq: 13 Dec 2017 1:11

Instrument :

BNA_G

ClientSampleId :

WQ-5W

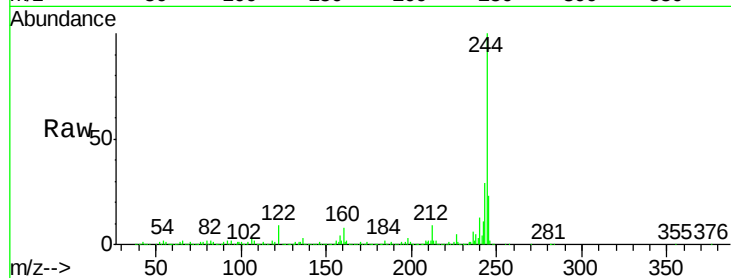
Tot Ion:244 Resp: 2130544

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

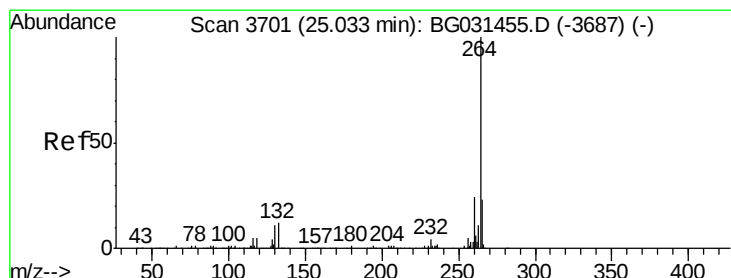
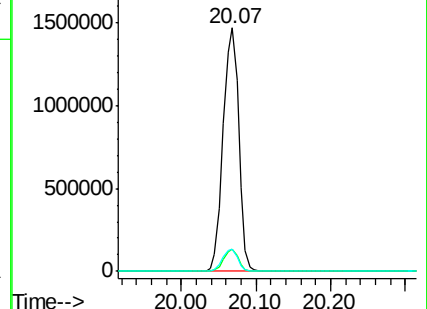
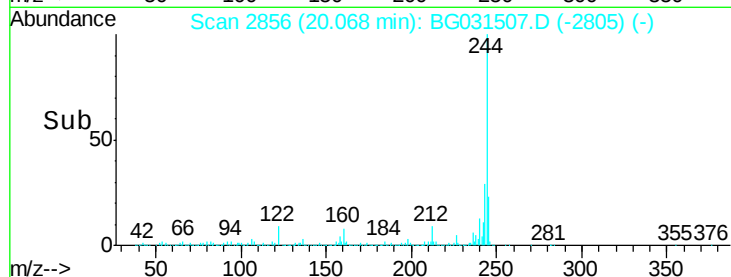
122 9.0 7.0 10.4



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: 20.000 ng

RT: 25.03 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BG031507.D

Acq: 13 Dec 2017 1:11

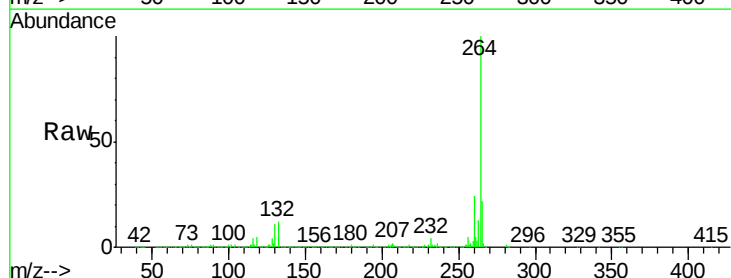
Tgt Ion:264 Resp: 1191916

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 22.3 17.7 26.5



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

