

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
 Data File : BG031625.D
 Acq On : 16 Dec 2017 14:22
 Operator : SJ/JU
 Sample : I6882-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121117-JETT-E-D-S

Quant Time: Dec 18 03:29:02 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

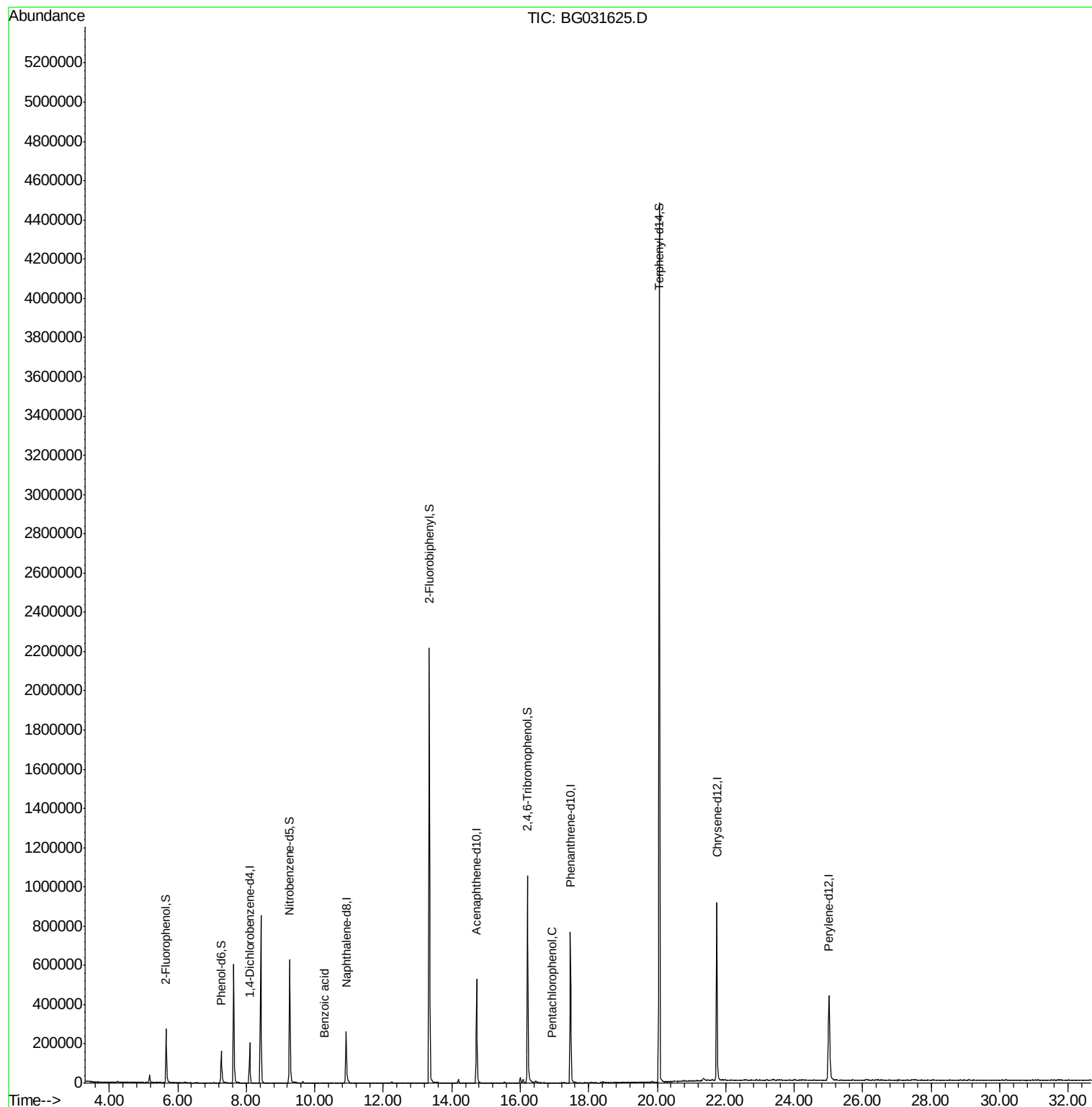
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	68868	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	295753	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	205460	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	544598	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	625542	20.00	ng	-0.01
86) Perylene-d12	25.02	264	538111	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	158482	40.79	ng	-0.01
7) Phenol-d6	7.27	99	120818	22.40	ng	0.00
23) Nitrobenzene-d5	9.26	82	439057	91.50	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	247671	102.89	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1309386	93.55	ng	0.00
78) Terphenyl-d14	20.06	244	2295114	83.48	ng	0.00
Target Compounds						
32) Benzoic acid	10.27	122	99	7.002	ng	# 1
69) Pentachlorophenol	16.94	266	59	5.679	ng	# 19

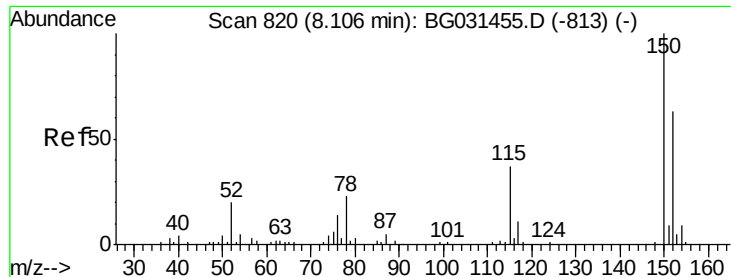
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



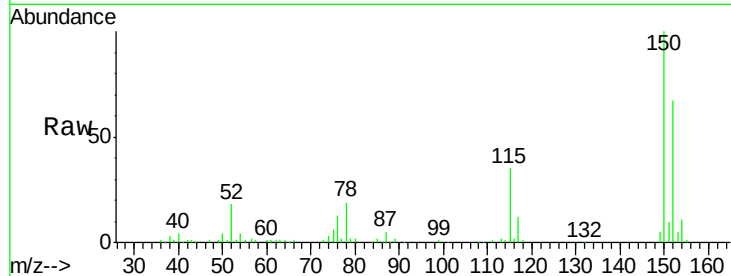


#1

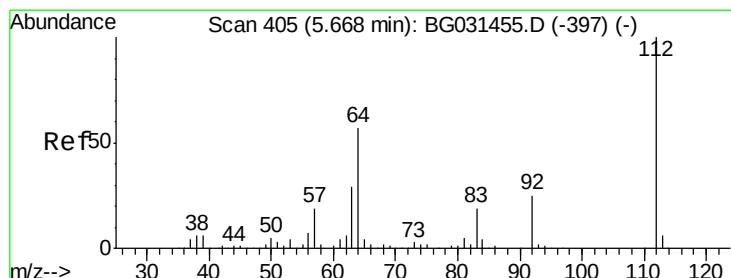
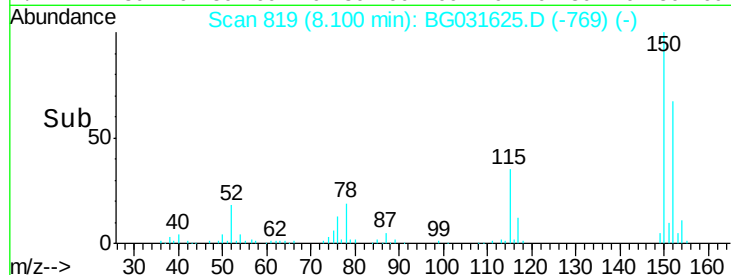
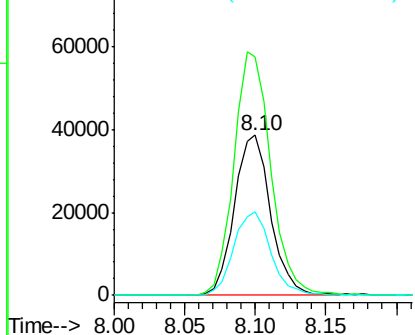
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG031625.D
Acq: 16 Dec 2017 14:22

Instrument :
BNA_G
ClientSampleId :
121117-JETT-E-D-S

Tgt Ion:152 Resp: 68868
Ion Ratio Lower Upper
152 100
150 149.1 126.6 189.8
115 52.4 53.0 79.4#



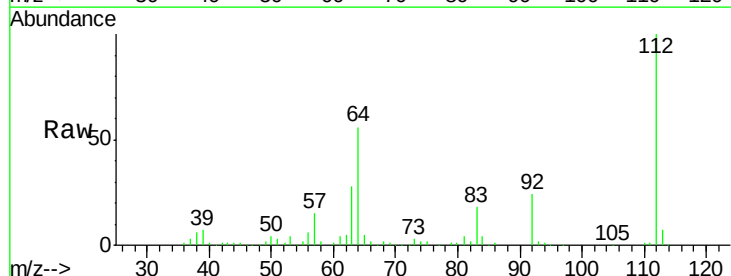
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



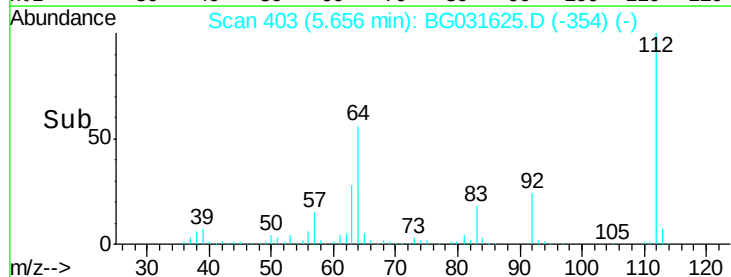
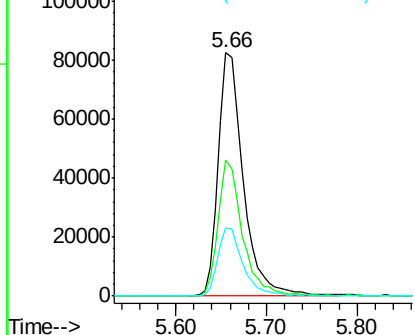
#5

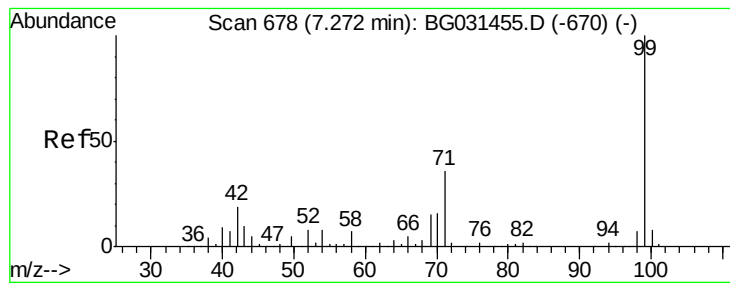
2-Fluorophenol
Concen: 40.790 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031625.D
Acq: 16 Dec 2017 14:22

Tgt Ion:112 Resp: 158482
Ion Ratio Lower Upper
112 100
64 55.9 56.3 84.5#
63 27.9 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: 22.400 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031625.D

Acq: 16 Dec 2017 14:22

Instrument :

BNA_G

ClientSampleId :

121117-JETT-E-D-S

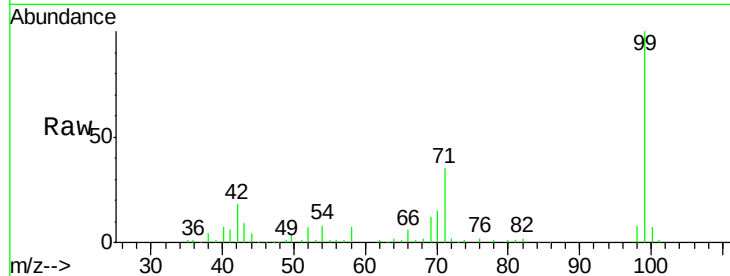
Tgt Ion: 99 Resp: 120818

Ion Ratio Lower Upper

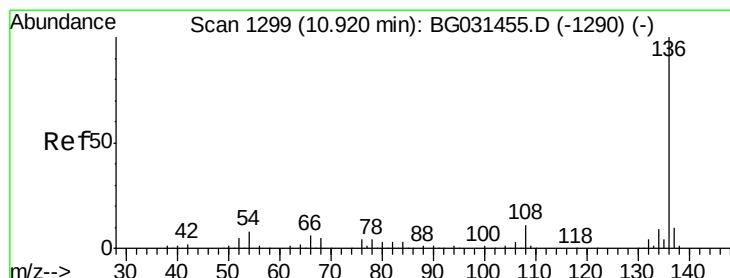
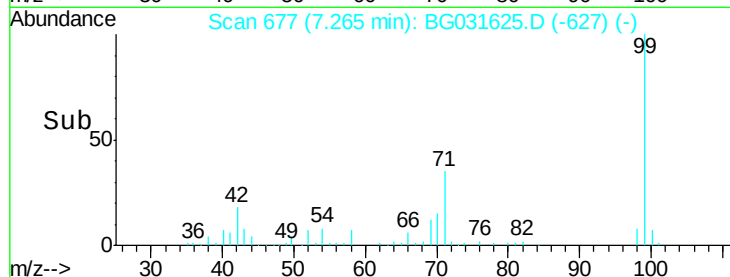
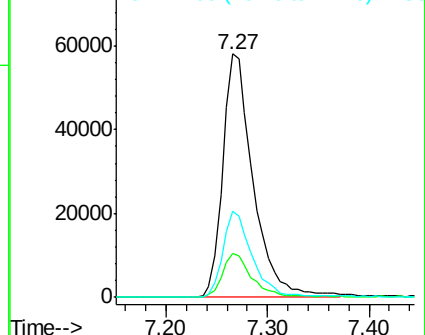
99 100

42 18.1 14.1 21.1

71 35.4 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: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG031625.D

Acq: 16 Dec 2017 14:22

Tgt Ion: 136 Resp: 295753

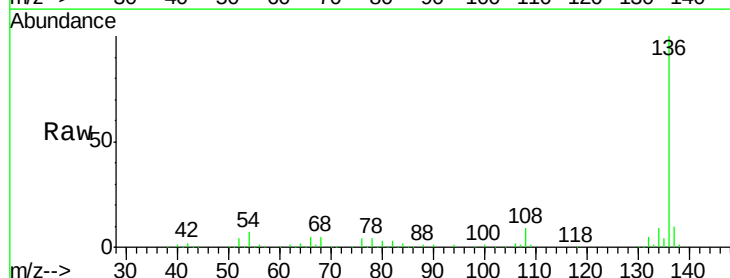
Ion Ratio Lower Upper

136 100

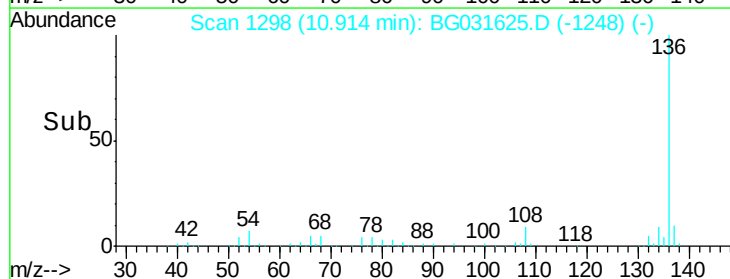
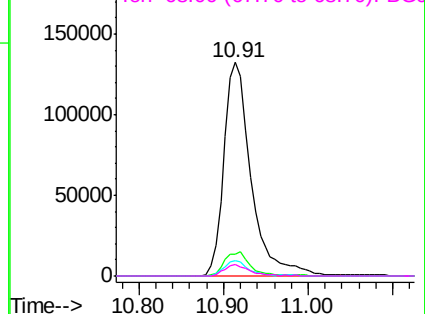
137 10.1 9.2 13.8

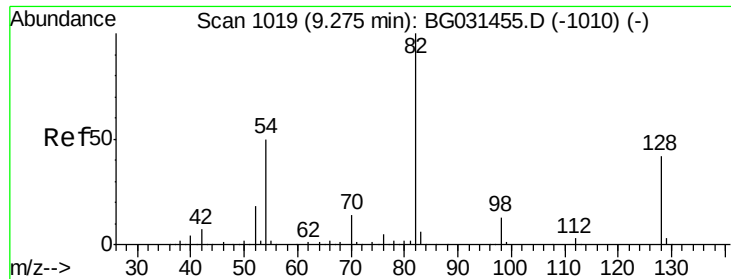
54 7.3 10.3 15.5#

68 5.1 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

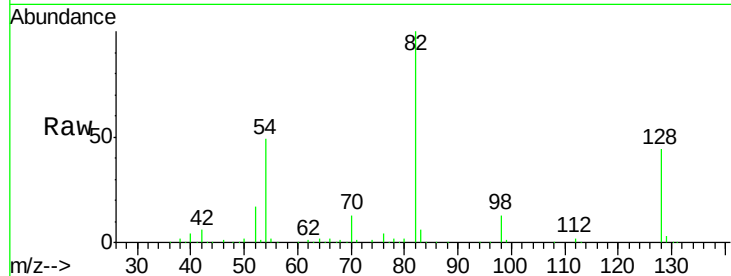




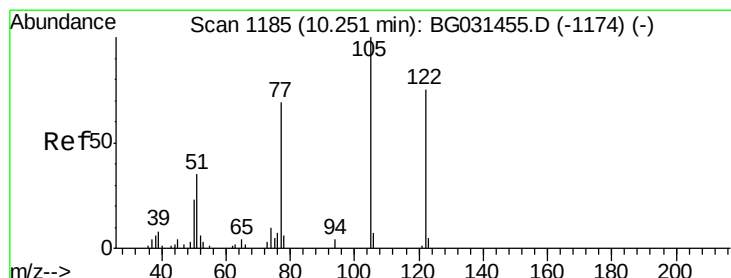
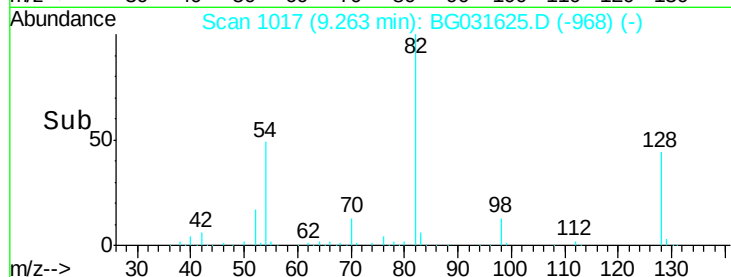
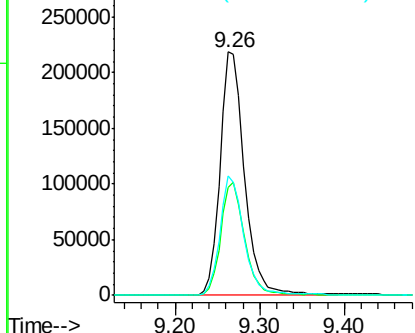
#23
 Nitrobenzene-d5
 Concen: 91.502 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BG031625.D
 Acq: 16 Dec 2017 14:22

Instrument :
 BNA_G
 ClientSampleId :
 121117-JETT-E-D-S

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.3	29.7	44.5
54	49.0	43.1	64.7

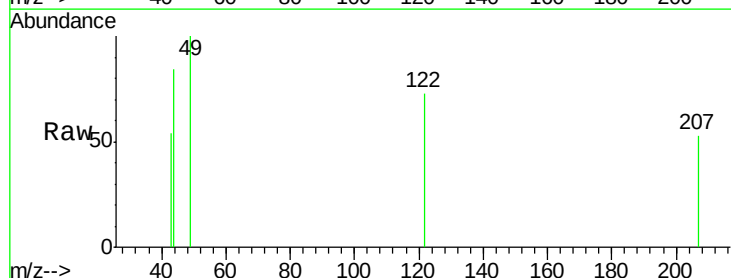


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

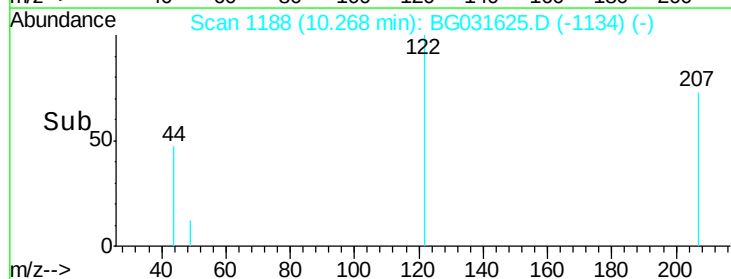
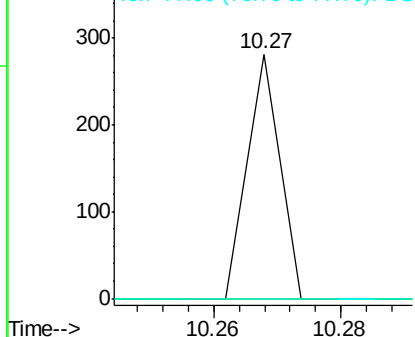


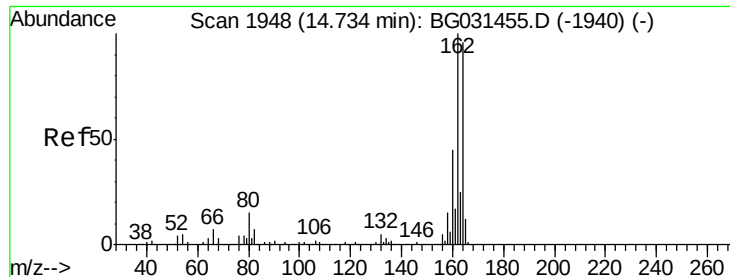
#32
 Benzoic acid
 Concen: 7.002 ng
 RT: 10.27 min Scan# 1188
 Delta R.T. 0.02 min
 Lab File: BG031625.D
 Acq: 16 Dec 2017 14:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



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

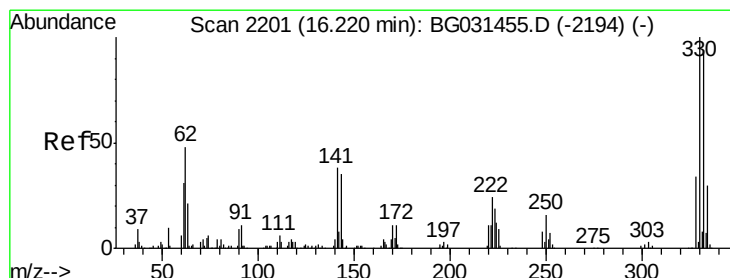
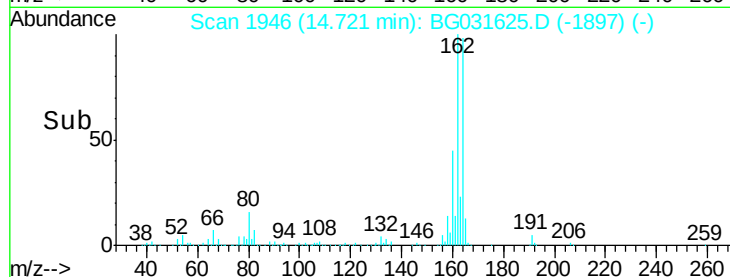
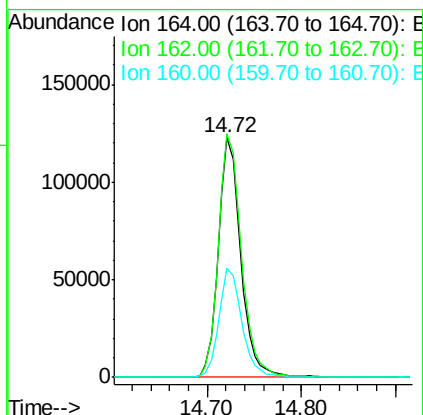
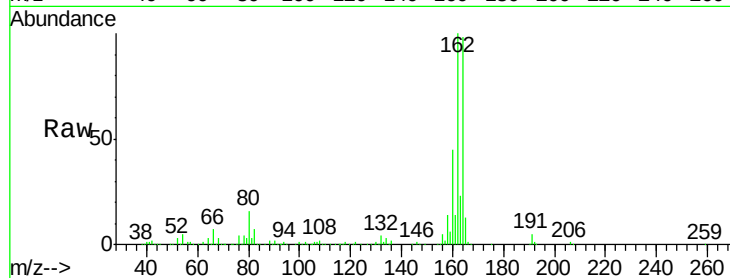




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031625.D
Acq: 16 Dec 2017 14:22

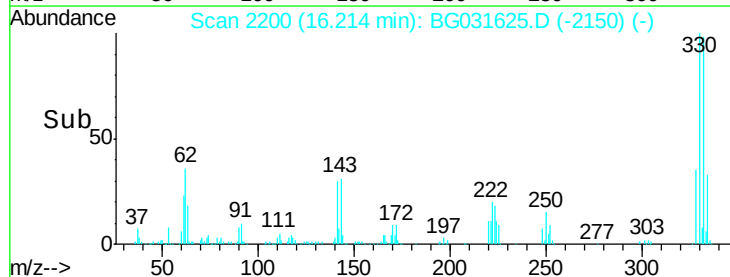
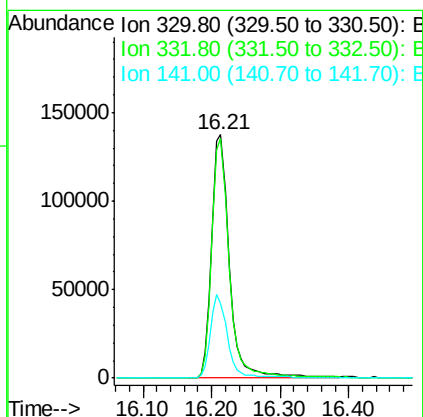
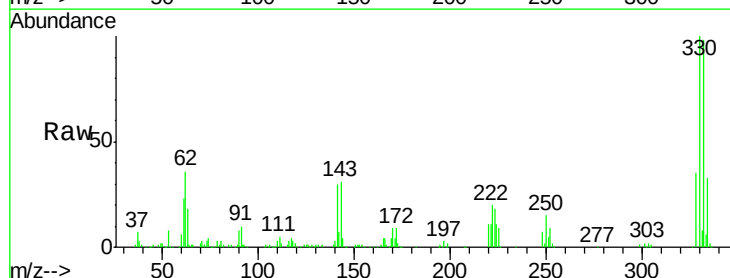
Instrument :
BNA_G
ClientSampleId :
121117-JETT-E-D-S

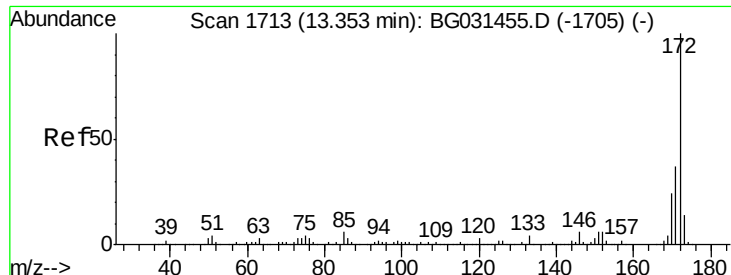
Tgt Ion:164 Resp: 205460
Ion Ratio Lower Upper
164 100
162 101.6 78.8 118.2
160 45.5 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 102.894 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG031625.D
Acq: 16 Dec 2017 14:22

Tgt Ion:330 Resp: 247671
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 33.4 25.2 37.8

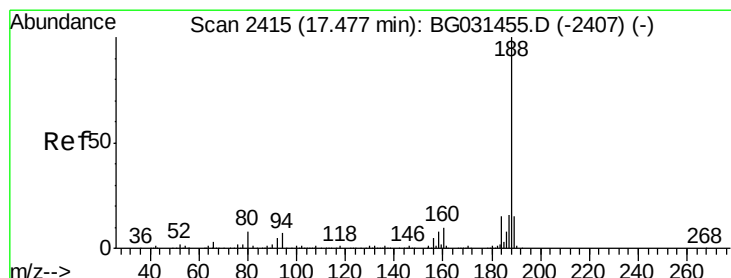
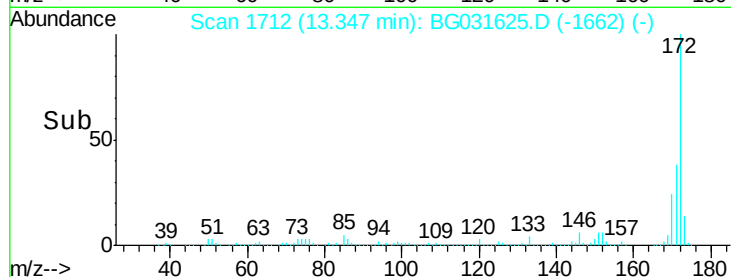
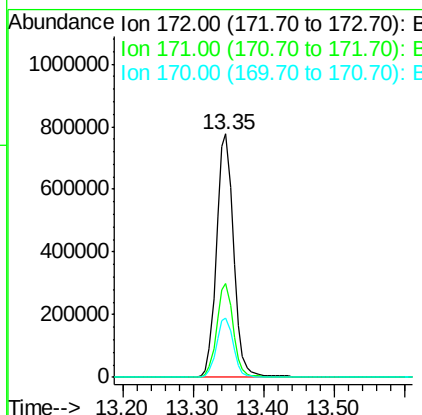
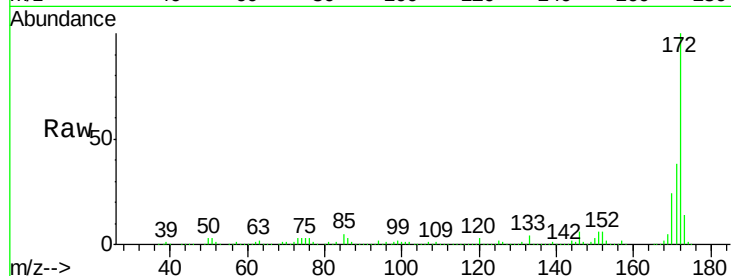




#44
2-Fluorobiphenyl
Concen: 93.547 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG031625.D
Acq: 16 Dec 2017 14:22

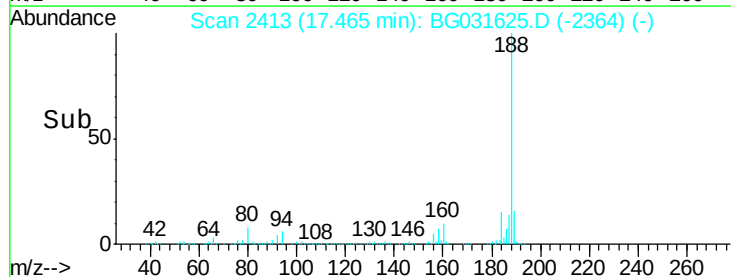
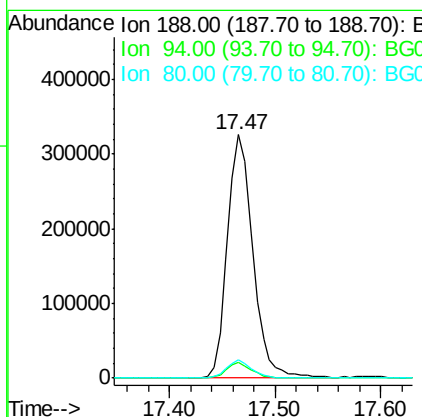
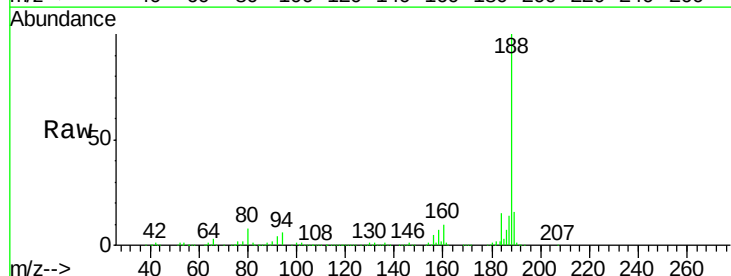
Instrument :
BNA_G
ClientSampleId :
121117-JETT-E-D-S

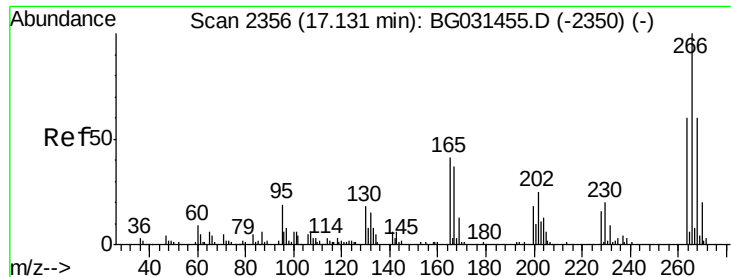
Tgt Ion:172 Resp: 1309386
Ion Ratio Lower Upper
172 100
171 38.5 30.0 45.0
170 24.4 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031625.D
Acq: 16 Dec 2017 14:22

Tgt Ion:188 Resp: 544598
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 7.7 7.7 11.5





#69

Pentachlorophenol

Concen: 5.679 ng

RT: 16.94 min Scan# 2324

Delta R.T. -0.19 min

Lab File: BG031625.D

Acq: 16 Dec 2017 14:22

Instrument :

BNA_G

ClientSampleId :

121117-JETT-E-D-S

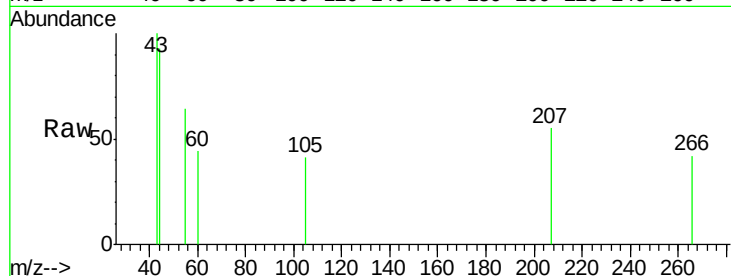
Tgt Ion:266 Resp: 59

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

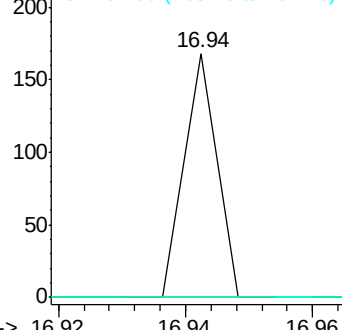
264 0.0 49.6 74.4#



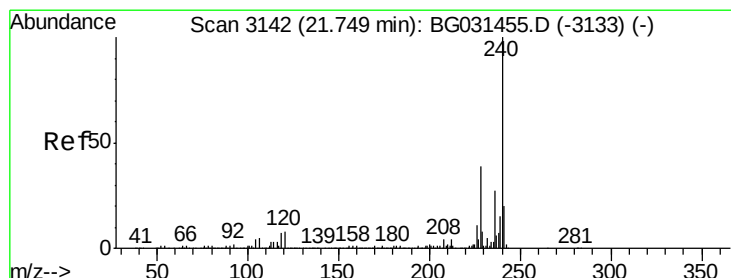
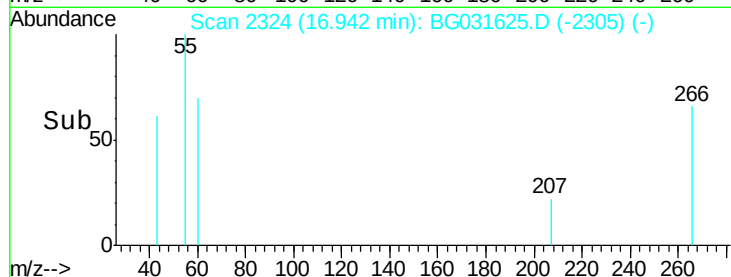
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time--> 16.92 16.94 16.96



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031625.D

Acq: 16 Dec 2017 14:22

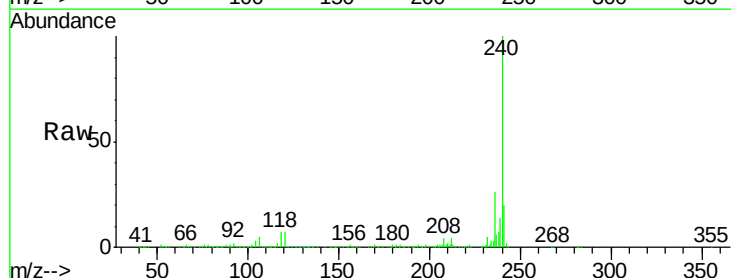
Tgt Ion:240 Resp: 625542

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

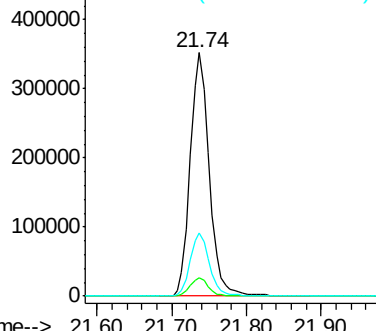
236 26.1 20.9 31.3



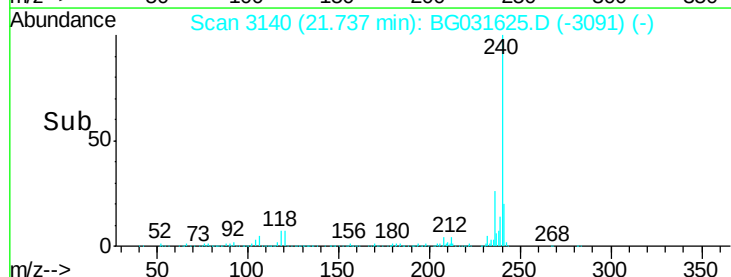
Abundance Ion 240.00 (239.70 to 240.70): E

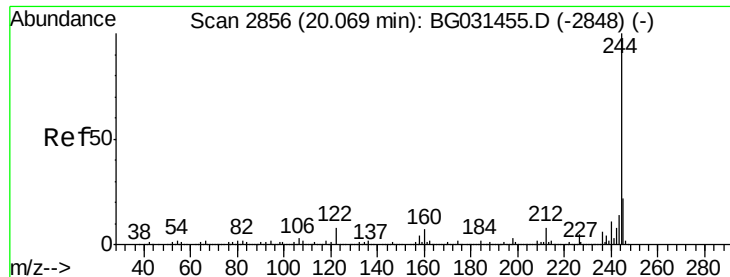
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.70 21.80 21.90





#78

Terphenyl-d14

Concen: 83.476 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031625.D

Acq: 16 Dec 2017 14:22

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BNA_G

ClientSampleId :

121117-JETT-E-D-S

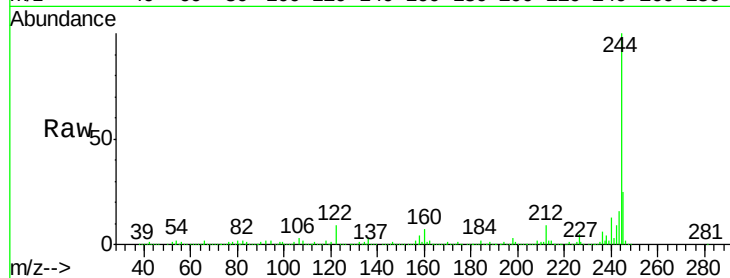
Tgt Ion:244 Resp: 2295114

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

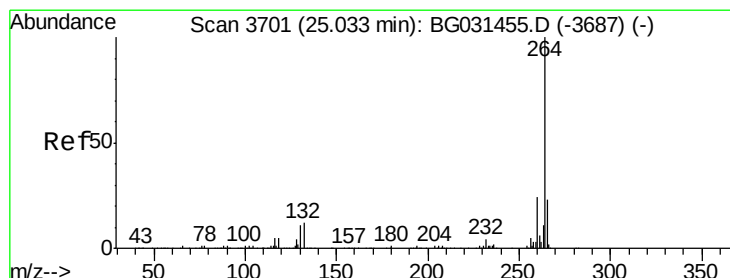
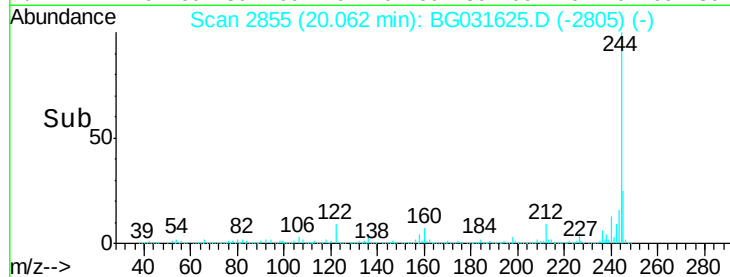
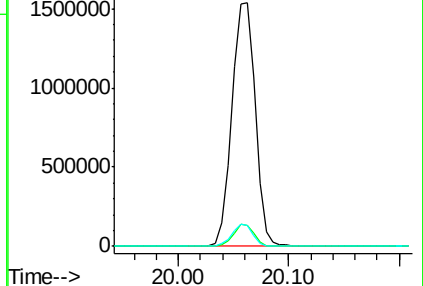
122 8.5 7.0 10.4



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: 25.02 min Scan# 3698

Delta R.T. -0.02 min

Lab File: BG031625.D

Acq: 16 Dec 2017 14:22

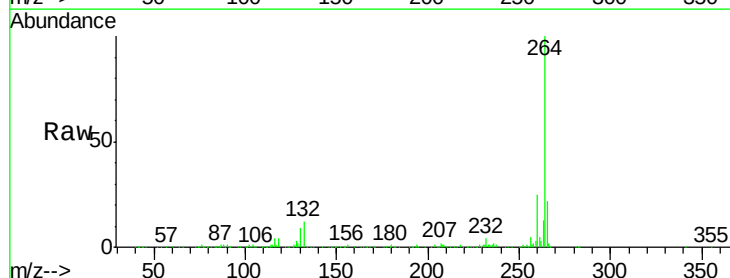
Tgt Ion:264 Resp: 538111

Ion Ratio Lower Upper

264 100

260 24.8 17.4 26.0

265 21.6 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

