

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031523.D
 Acq On : 13 Dec 2017 12:12
 Operator : SJ/JU
 Sample : PB104960BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 13 14:55:07 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

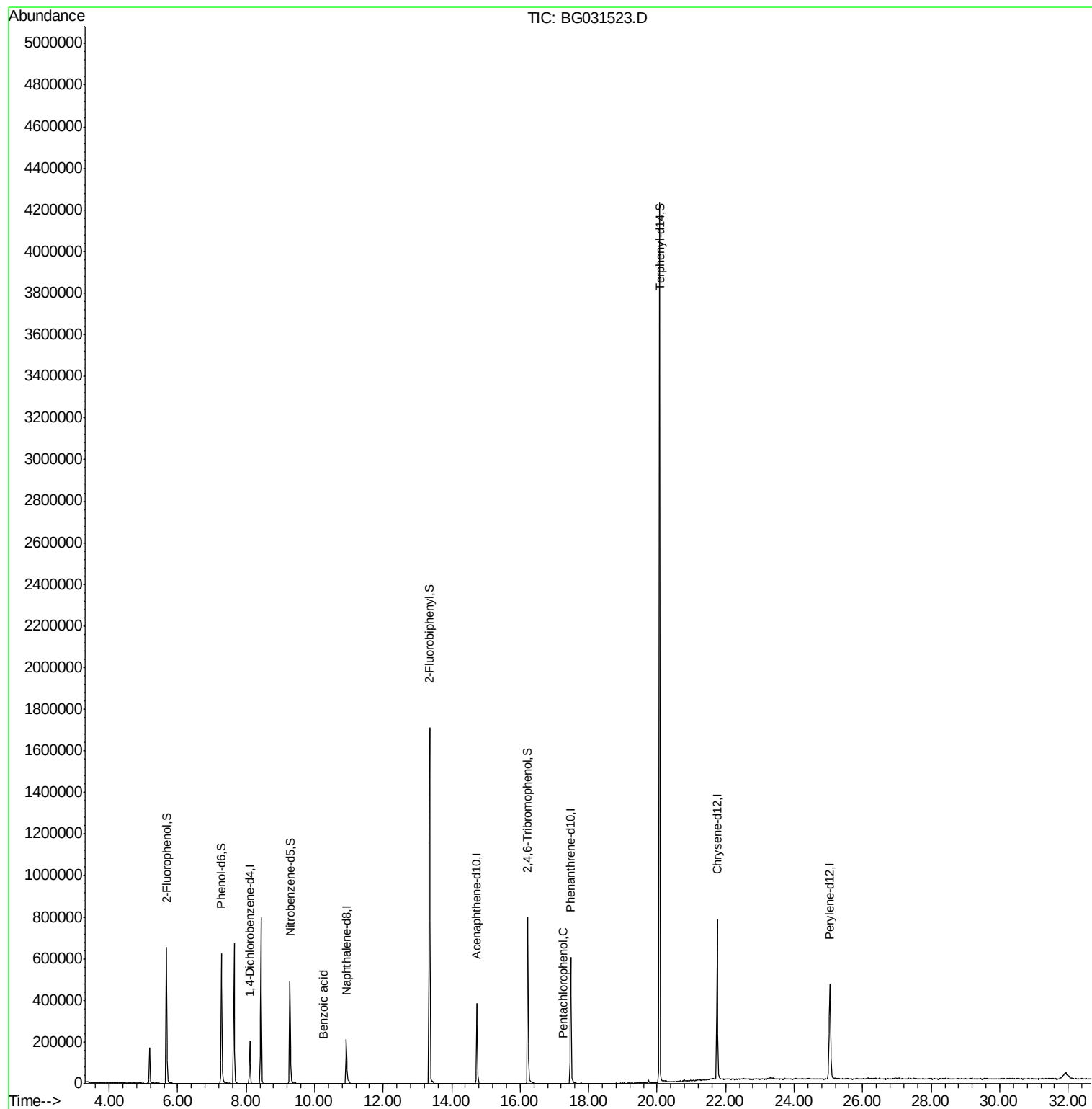
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	62642	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	234060	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	162521	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	457027	20.00	ng	0.00
75) Chrysene-d12	21.75	240	564763	20.00	ng	0.00
86) Perylene-d12	25.04	264	545714	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	341387	96.60	ng	0.00
7) Phenol-d6	7.27	99	433770	88.41	ng	0.00
23) Nitrobenzene-d5	9.27	82	356472	93.87	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	184751	97.03	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	1030371	93.06	ng	0.00
78) Terphenyl-d14	20.07	244	1952489	78.66	ng	0.00
Target Compounds						
32) Benzoic acid	10.25	122	59	6.990	ng	# 1
69) Pentachlorophenol	17.26	266	54	5.681	ng	# 19

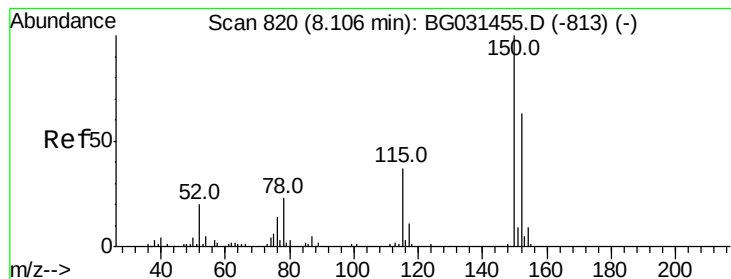
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
Data File : BG031523.D
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BNA_G
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Quant Time: Dec 13 14:55:07 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



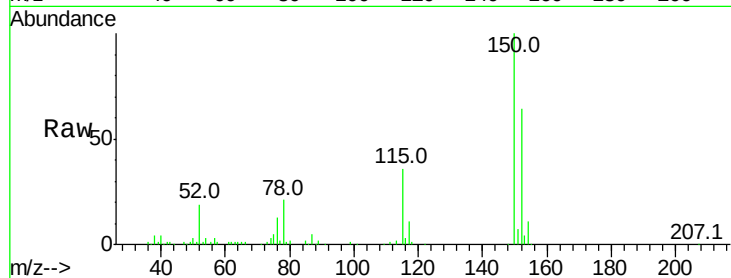


#1

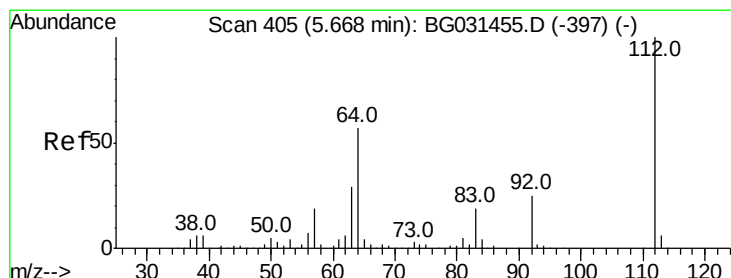
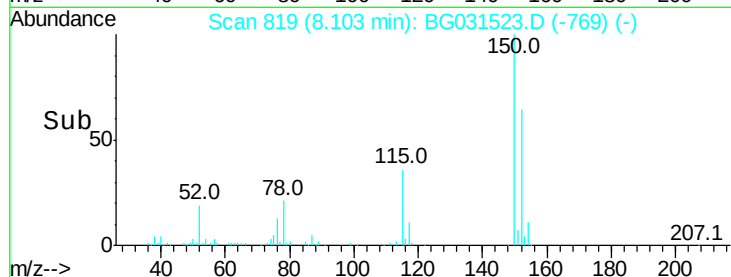
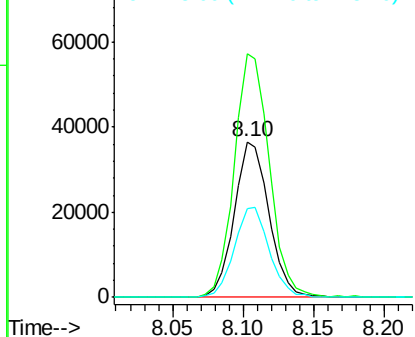
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG031523.D
Acq: 13 Dec 2017 12:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62642
Ion Ratio Lower Upper
152 100
150 156.6 126.6 189.8
115 57.1 53.0 79.4



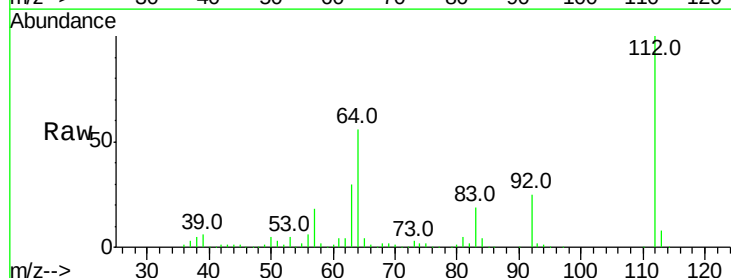
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



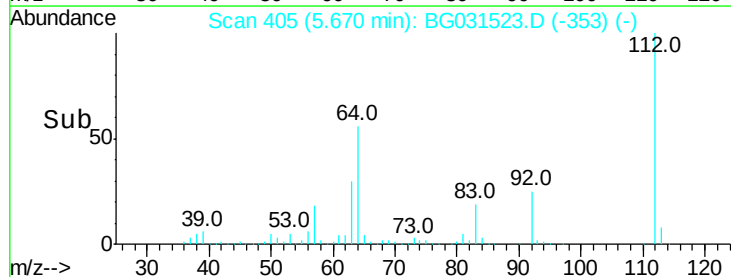
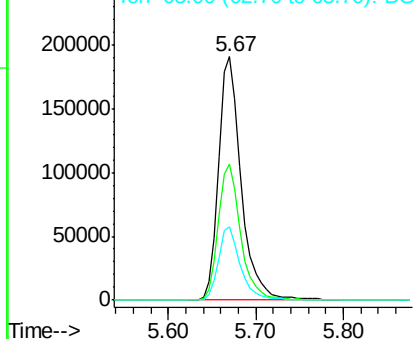
#5

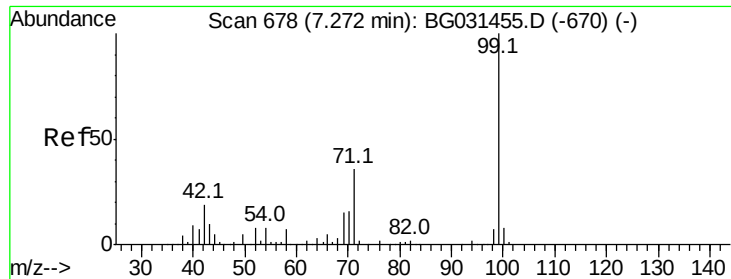
2-Fluorophenol
Concen: 96.599 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031523.D
Acq: 13 Dec 2017 12:12

Tgt Ion:112 Resp: 341387
Ion Ratio Lower Upper
112 100
64 56.1 56.3 84.5#
63 30.3 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: 88.414 ng

RT: 7.27 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG031523.D

Acq: 13 Dec 2017 12:12

Instrument :

BNA_G

ClientSampleId :

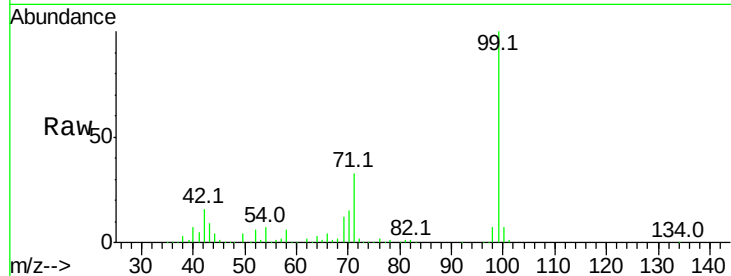
Tot Ion: 99 Resp: 433770

Ion Ratio Lower Upper

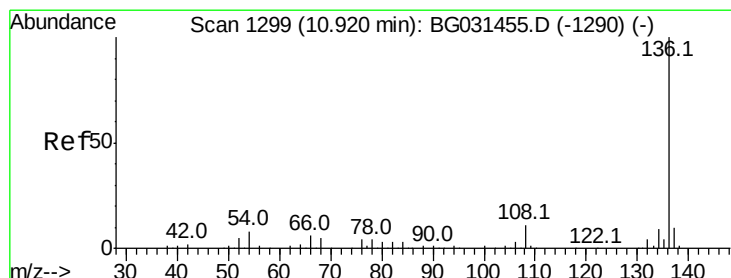
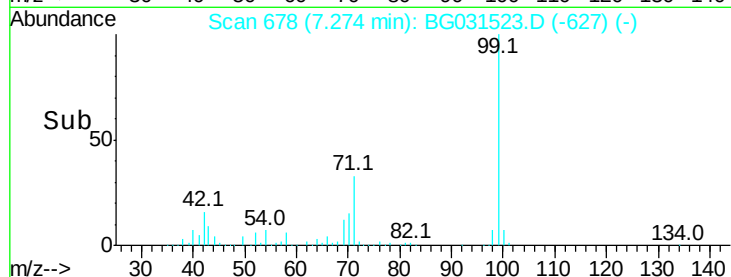
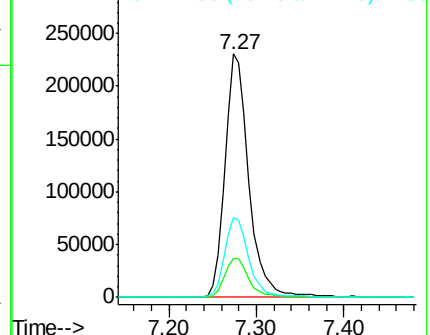
99 100

42 16.1 14.1 21.1

71 32.9 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: BG031523.D

Acq: 13 Dec 2017 12:12

Tgt Ion: 136 Resp: 234060

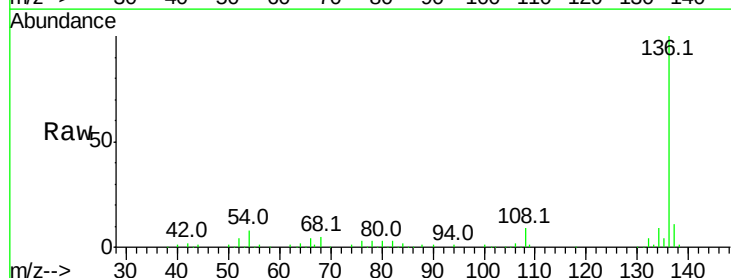
Ion Ratio Lower Upper

136 100

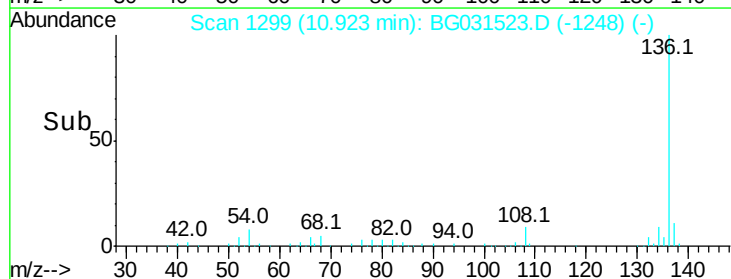
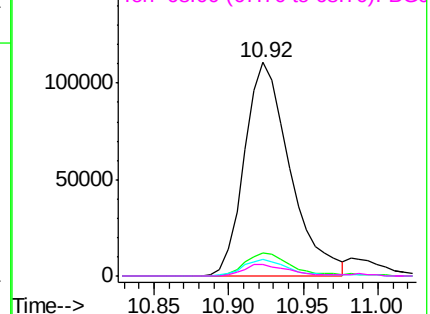
137 10.6 9.2 13.8

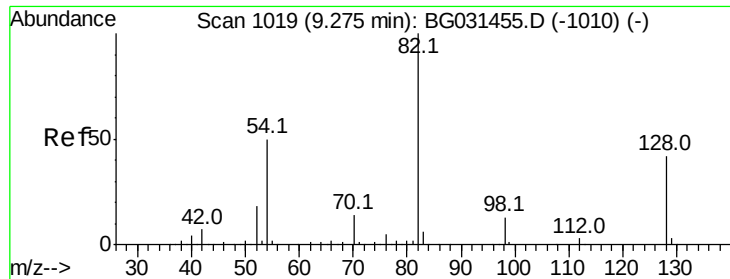
54 7.6 10.3 15.5#

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

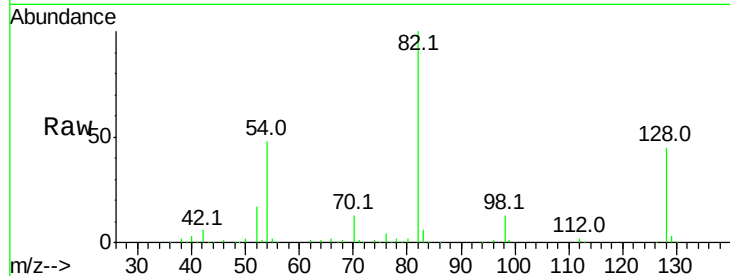




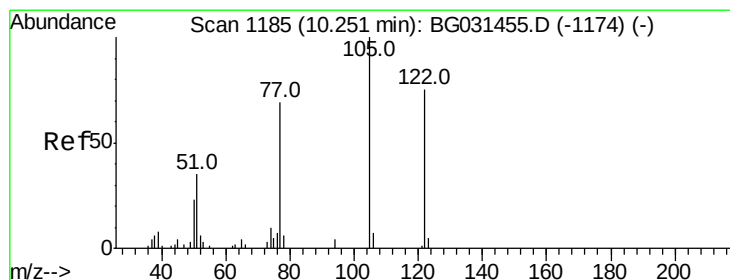
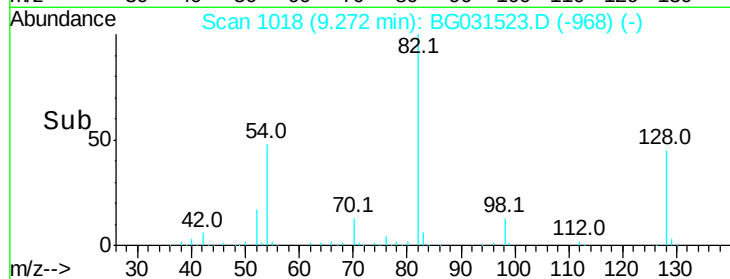
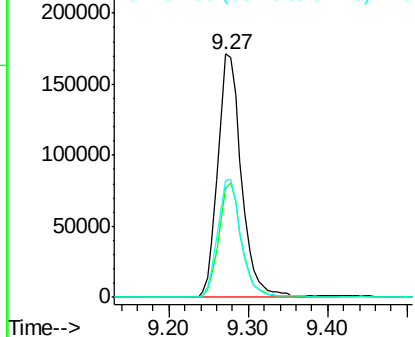
#23
 Nitrobenzene-d5
 Concen: 93.872 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG031523.D
 Acq: 13 Dec 2017 12:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 356472
 Ion Ratio Lower Upper
 82 100
 128 44.8 29.7 44.5#
 54 47.9 43.1 64.7

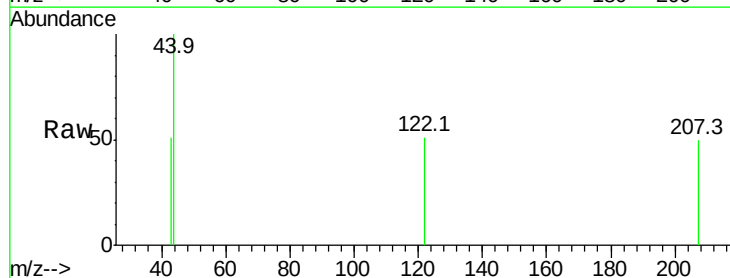


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

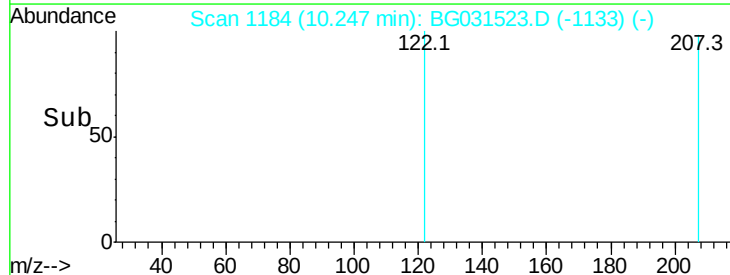
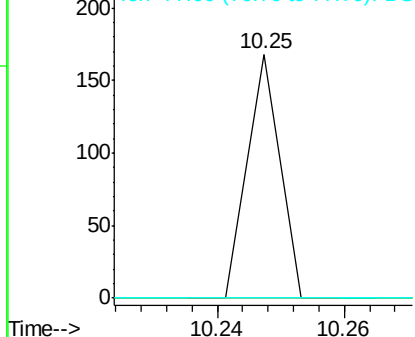


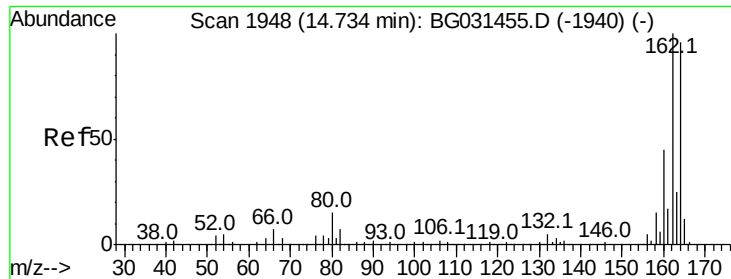
#32
 Benzoic acid
 Concen: 6.990 ng
 RT: 10.25 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BG031523.D
 Acq: 13 Dec 2017 12:12

Tgt Ion:122 Resp: 59
 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

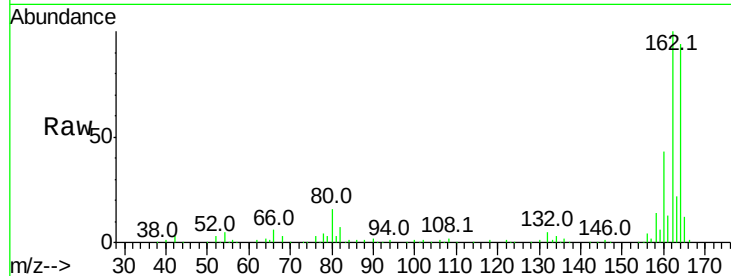




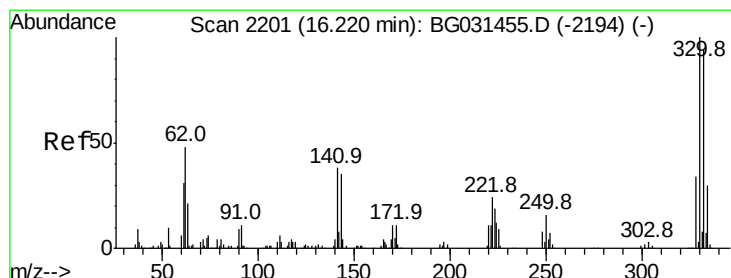
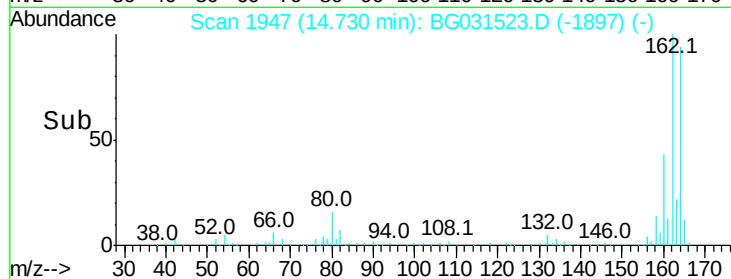
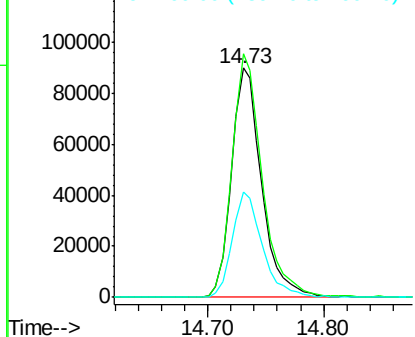
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.00 min
 Lab File: BG031523.D
 Acq: 13 Dec 2017 12:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 162521
 Ion Ratio Lower Upper
 164 100
 162 106.1 78.8 118.2
 160 45.9 35.4 53.0

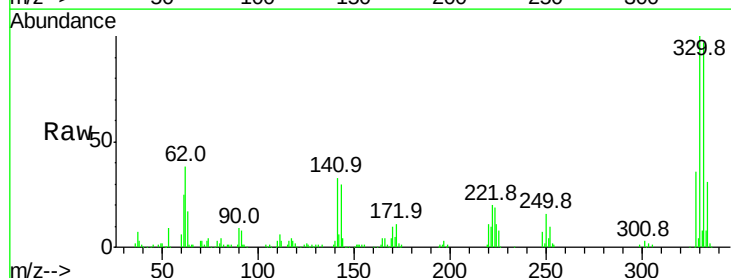


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

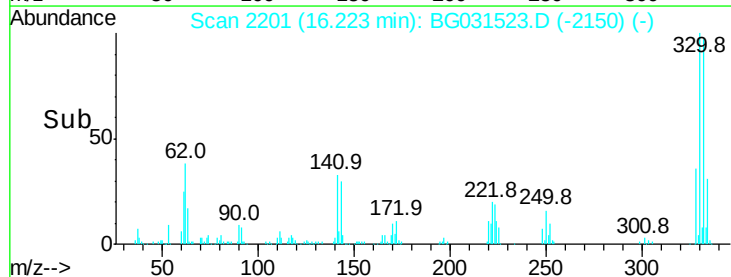
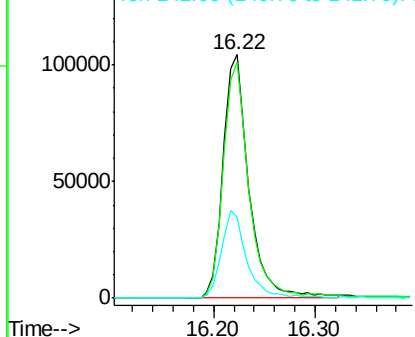


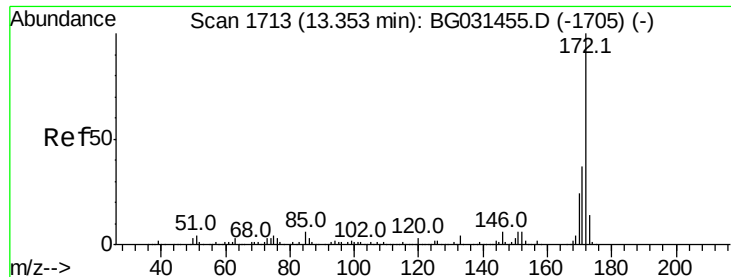
#41
 2,4,6-Tribromophenol
 Concen: 97.033 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BG031523.D
 Acq: 13 Dec 2017 12:12

Tgt Ion:330 Resp: 184751
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 35.2 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

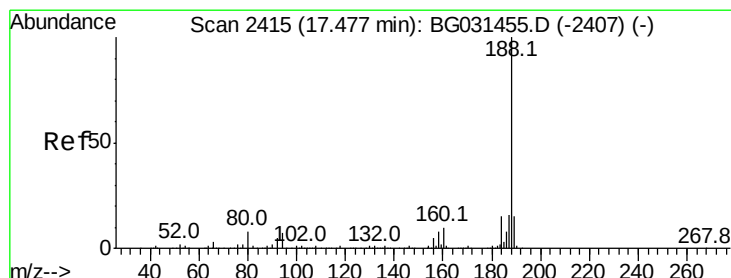
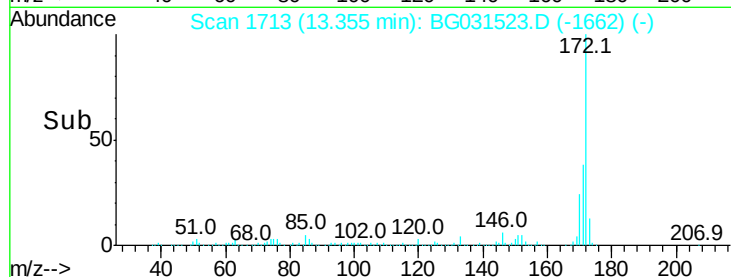
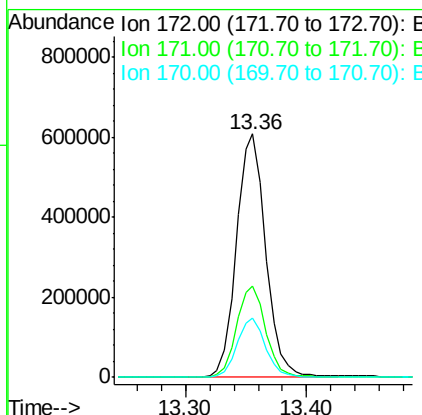
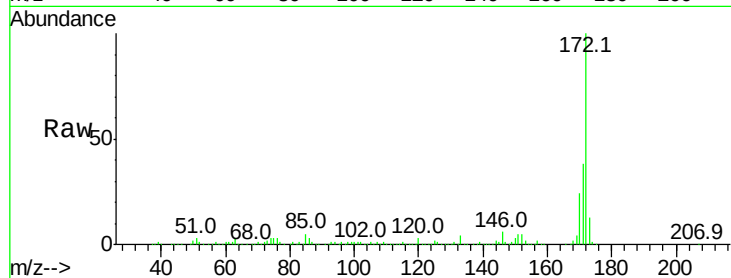




#44
2-Fluorobiphenyl
Concen: 93.062 ng
RT: 13.36 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BG031523.D
Acq: 13 Dec 2017 12:12

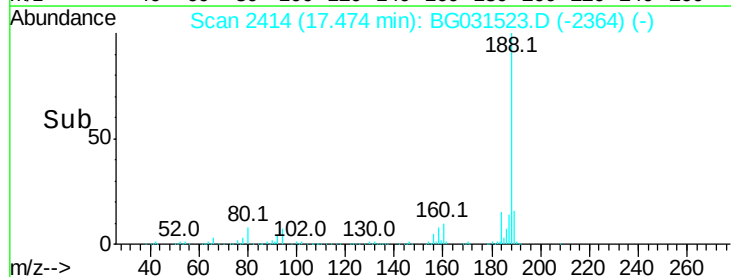
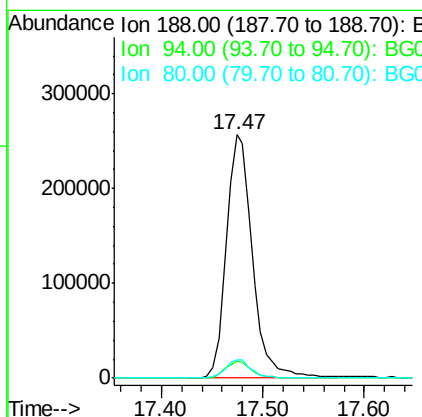
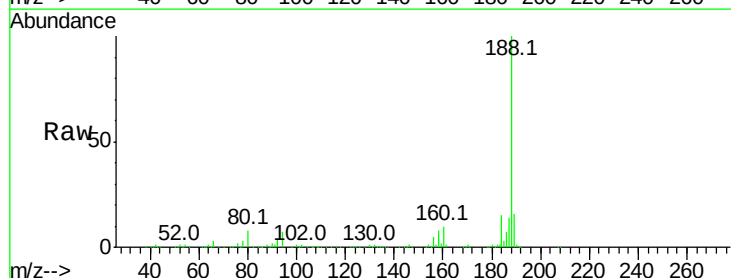
Instrument :
BNA_G
ClientSampleId :

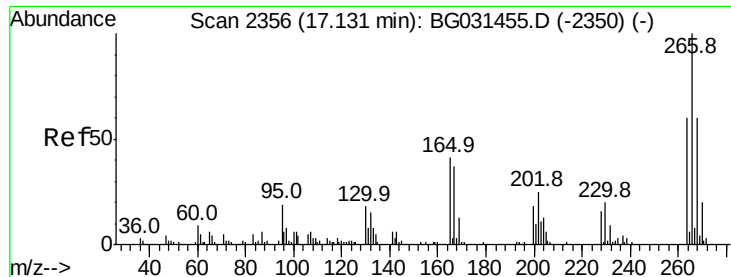
Tot Ion:172 Resp: 1030371
Ion Ratio Lower Upper
172 100
171 37.7 30.0 45.0
170 24.2 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG031523.D
Acq: 13 Dec 2017 12:12

Tgt Ion:188 Resp: 457027
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 7.6 7.7 11.5#

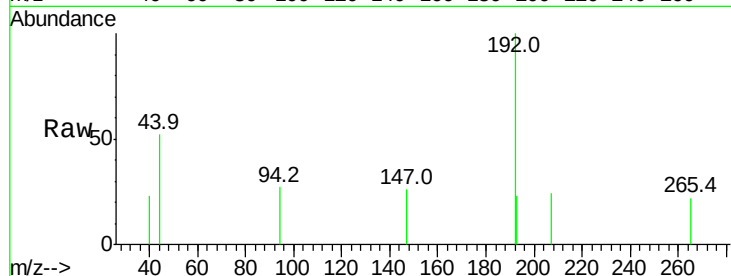




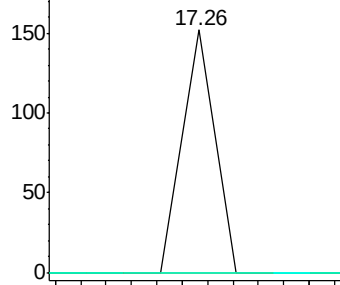
#69
 Pentachlorophenol
 Concen: 5.681 ng
 RT: 17.26 min Scan# 2378
 Delta R.T. 0.13 min
 Lab File: BG031523.D
 Acq: 13 Dec 2017 12:12

Instrument :
 BNA_G
 ClientSampleId :

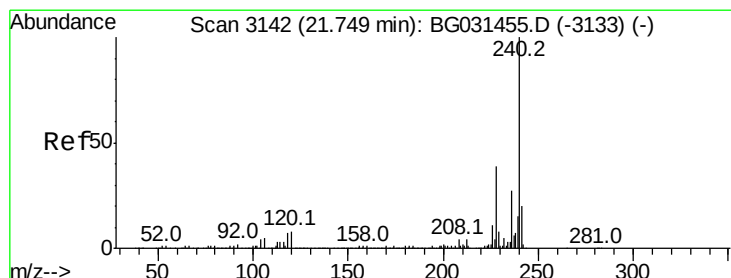
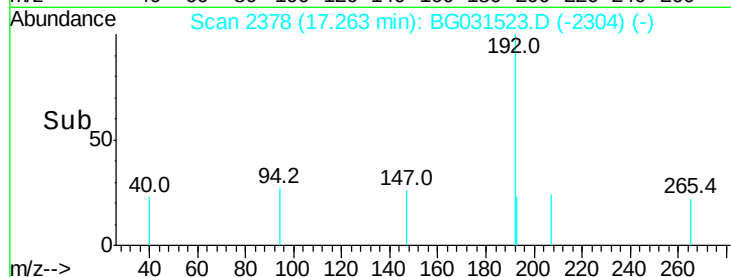
Tot Ion:266 Resp: 54
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.1 76.7#
 264 0.0 49.6 74.4#



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

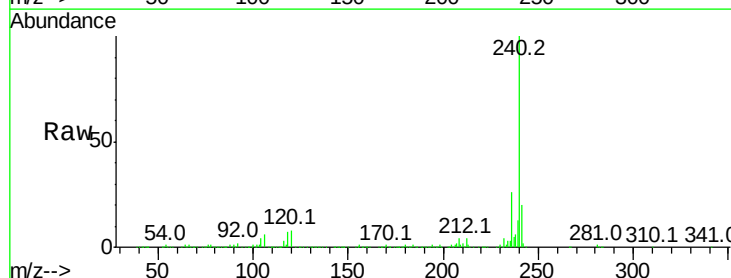


Time--> 17.24 17.26 17.28

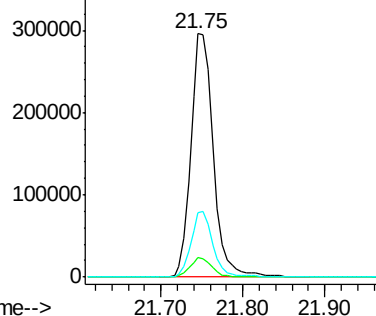


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG031523.D
 Acq: 13 Dec 2017 12:12

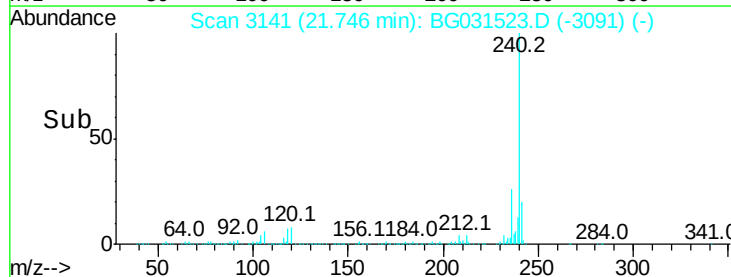
Tgt Ion:240 Resp: 564763
 Ion Ratio Lower Upper
 240 100
 120 7.8 6.8 10.2
 236 26.4 20.9 31.3

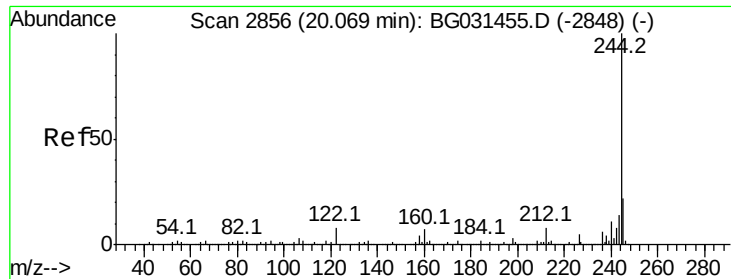


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time--> 21.70 21.80 21.90





#78

Terphenyl-d14

Concen: 78.657 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG031523.D

Acq: 13 Dec 2017 12:12

Instrument :

BNA_G

ClientSampleId :

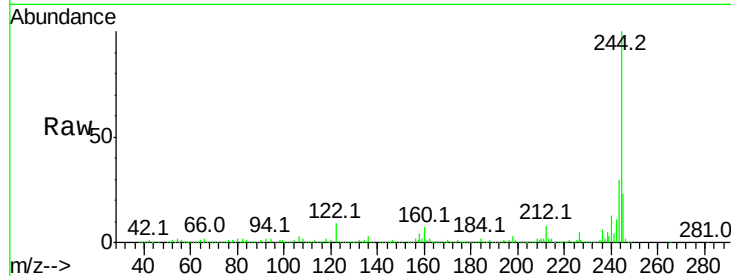
Tot Ion:244 Resp: 1952489

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

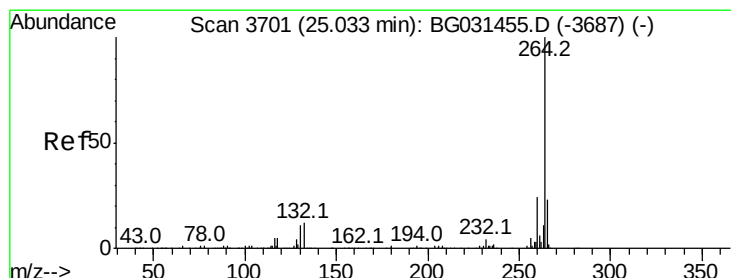
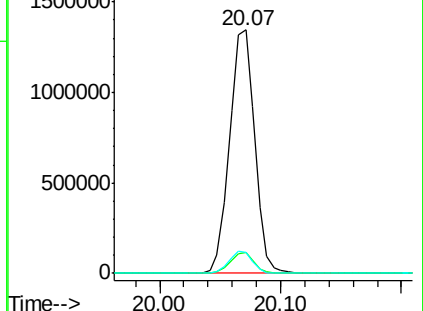
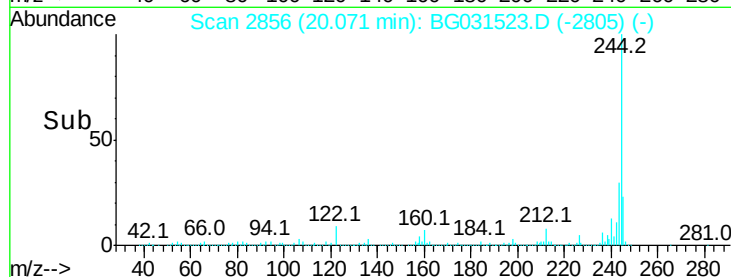
122 8.5 7.0 10.4



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: 25.04 min Scan# 3702

Delta R.T. 0.01 min

Lab File: BG031523.D

Acq: 13 Dec 2017 12:12

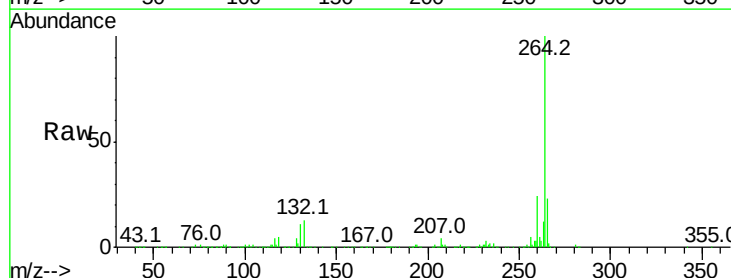
Tgt Ion:264 Resp: 545714

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 22.5 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

