

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121417\
 Data File : BG031584.D
 Acq On : 15 Dec 2017 7:44
 Operator : SJ/JU
 Sample : I6678-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 15 09:56:16 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

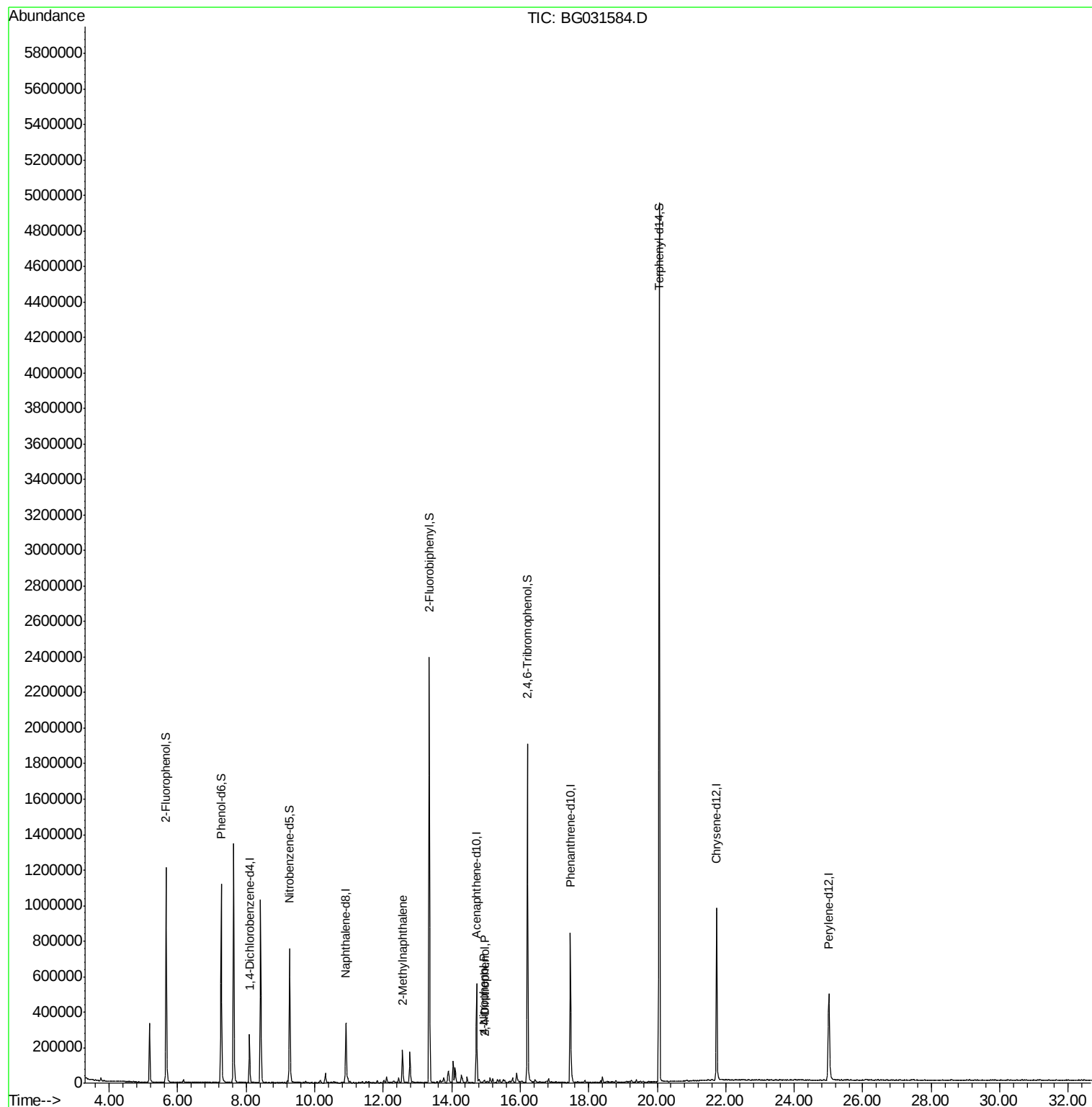
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	83559	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	341735	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	216133	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	553606	20.00	ng	-0.01
75) Chrysene-d12	21.73	240	659296	20.00	ng	-0.02
86) Perylene-d12	25.01	264	574441	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	619495	131.41	ng	0.00
7) Phenol-d6	7.27	99	724461	110.70	ng	0.00
23) Nitrobenzene-d5	9.26	82	509473	91.89	ng	-0.01
41) 2,4,6-Tribromophenol	16.22	330	396610	156.63	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1366408	92.80	ng	0.00
78) Terphenyl-d14	20.06	244	2464900	85.06	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	12.56	142	104346	8.027	ng	94
53) 2,4-Dinitrophenol	14.96	184	66	9.088	ng	# 2
55) 4-Nitrophenol	14.93	139	487	3.719	ng	# 1

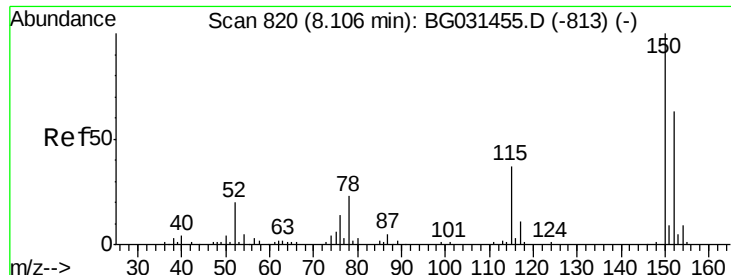
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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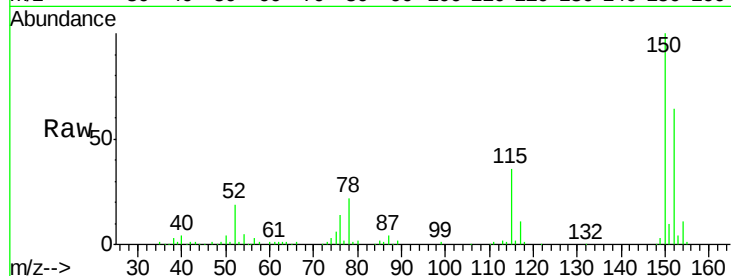


#1

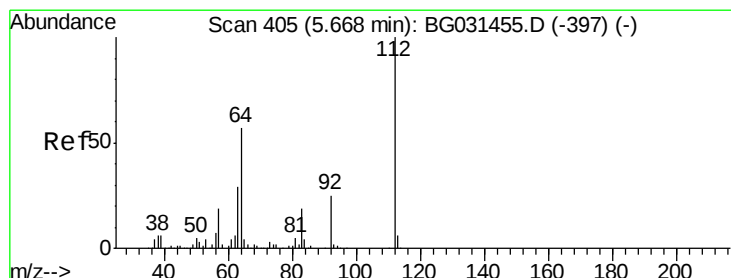
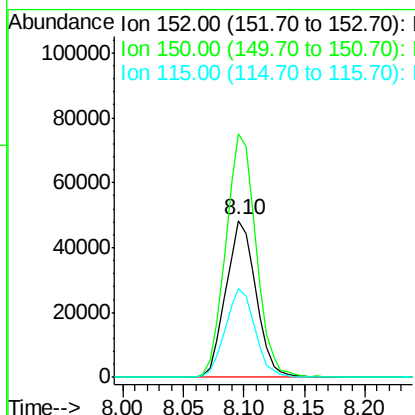
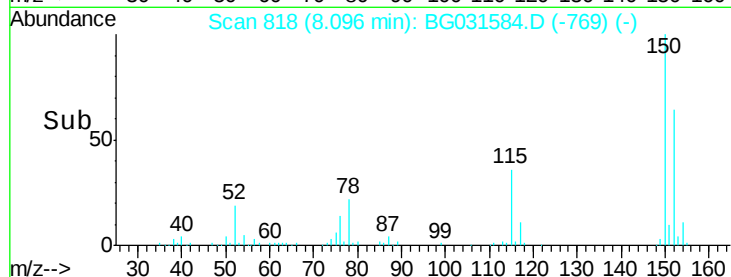
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031584.D
Acq: 15 Dec 2017 7:44

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.6	189.8
115	56.6	53.0	79.4



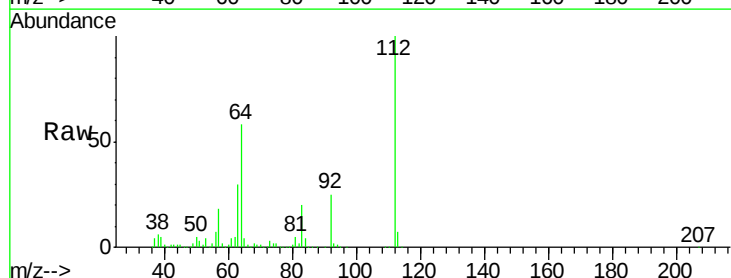
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



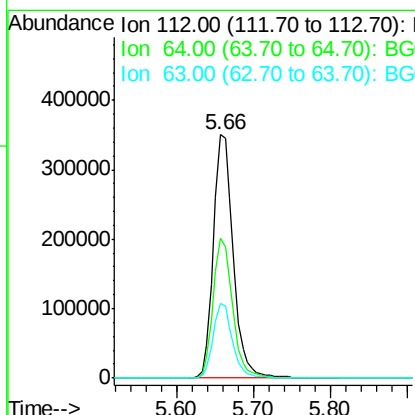
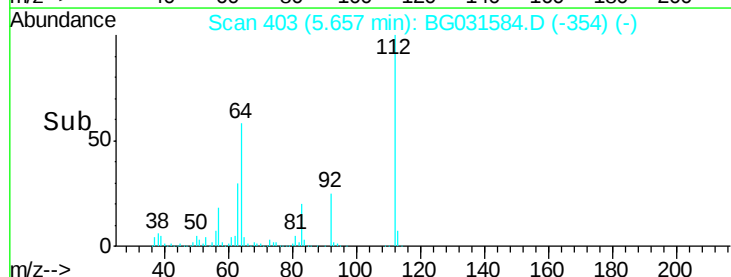
#5

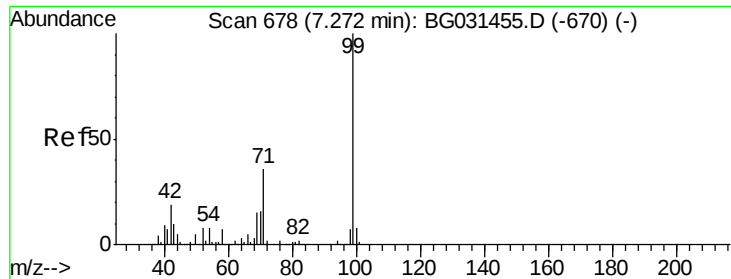
2-Fluorophenol
Concen: 131.412 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031584.D
Acq: 15 Dec 2017 7:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	56.3	84.5
63	30.5	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: 110.701 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031584.D

Acq: 15 Dec 2017 7:44

Instrument :

BNA_G

ClientSampled :

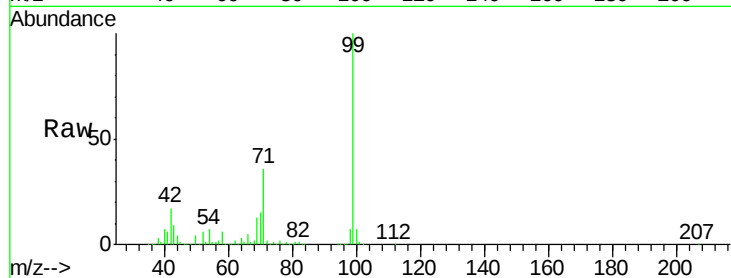
Tot Ion: 99 Resp: 724461

Ion Ratio Lower Upper

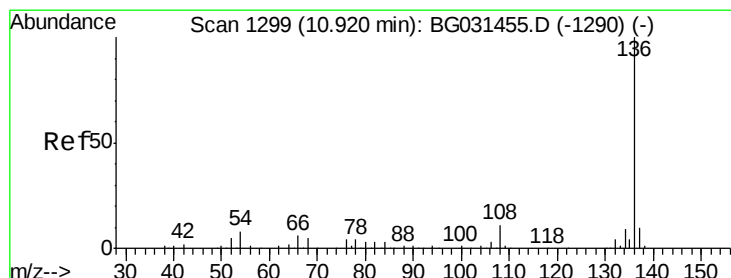
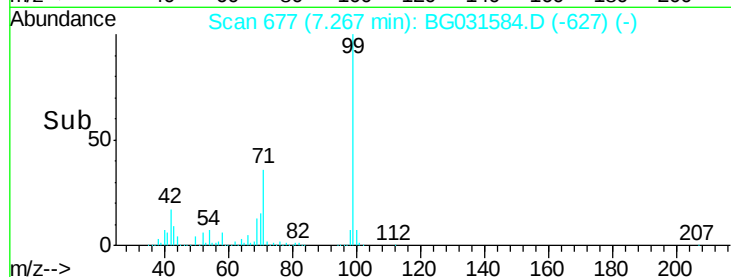
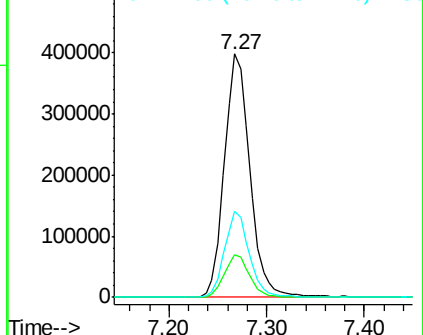
99 100

42 17.4 14.1 21.1

71 35.5 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# 1298

Delta R.T. -0.00 min

Lab File: BG031584.D

Acq: 15 Dec 2017 7:44

Tgt Ion: 136 Resp: 341735

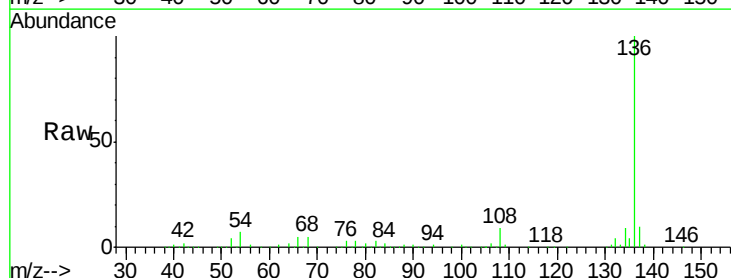
Ion Ratio Lower Upper

136 100

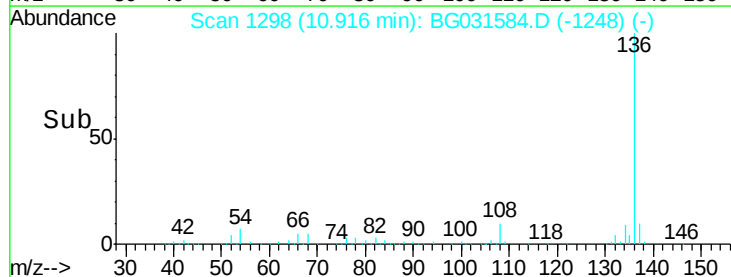
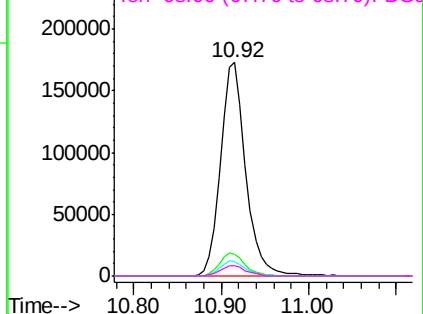
137 10.0 9.2 13.8

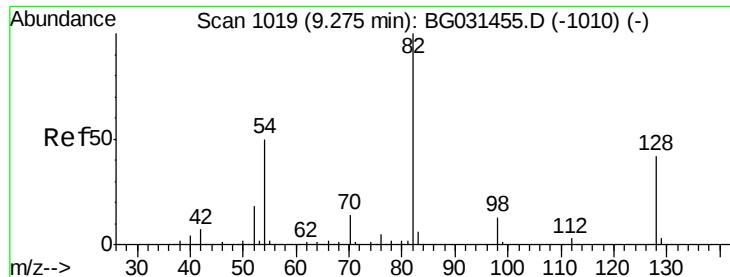
54 6.7 10.3 15.5#

68 4.8 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

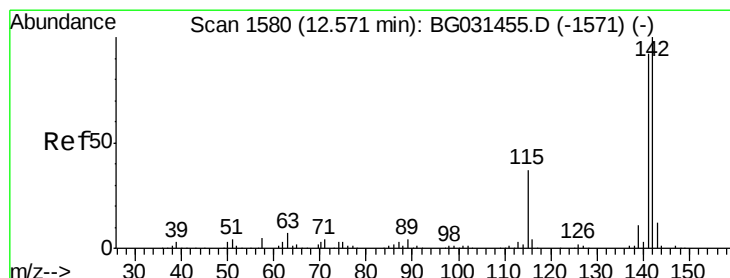
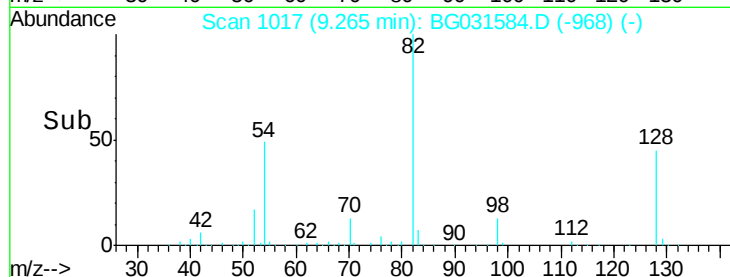
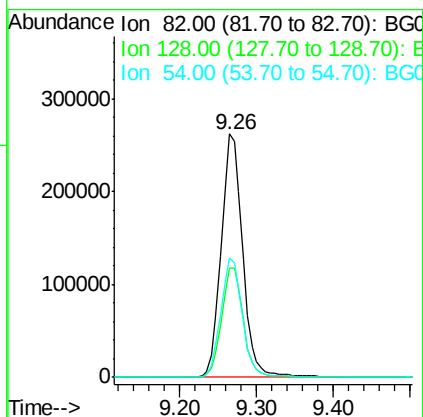
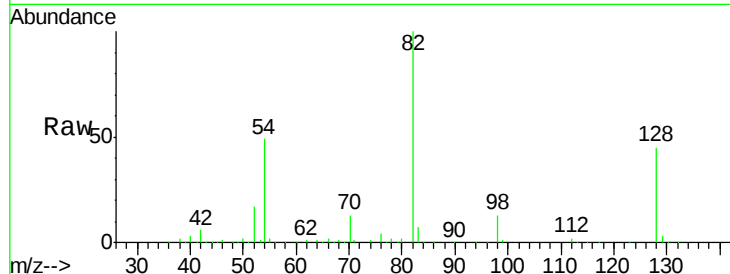




#23
Nitrobenzene-d5
Concen: 91.891 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG031584.D
Acq: 15 Dec 2017 7:44

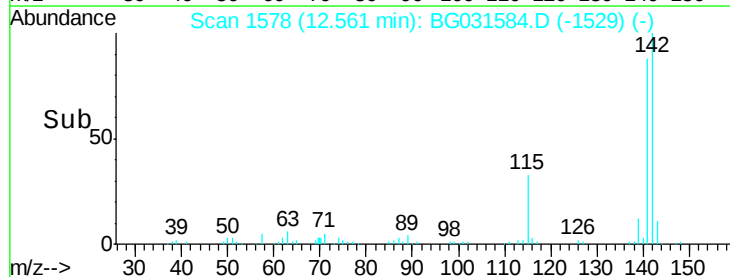
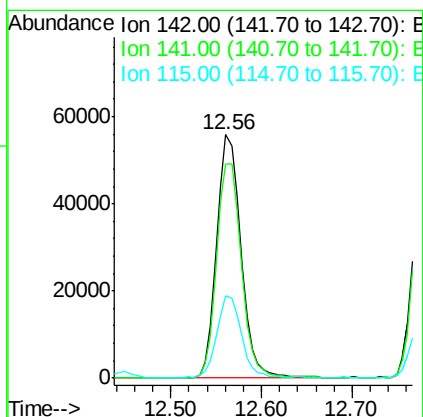
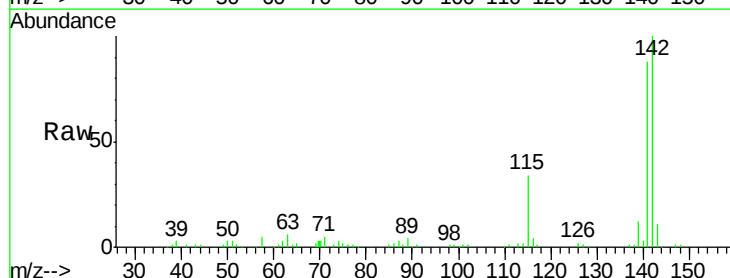
Instrument :
BNA_G
ClientSampleId :

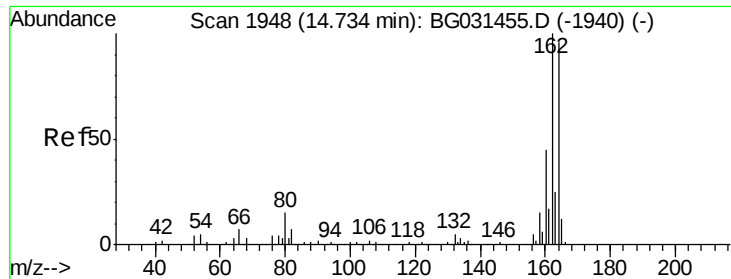
Tot Ion	82	Resp	509473
Ion Ratio	100	Lower	Upper
128	45.1	29.7	44.5#
54	49.2	43.1	64.7



#37
2-Methylnaphthalene
Concen: 8.027 ng
RT: 12.56 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BG031584.D
Acq: 15 Dec 2017 7:44

Tgt Ion	142	Resp	104346
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
141	88.0	67.1	100.7
115	33.8	30.7	46.1

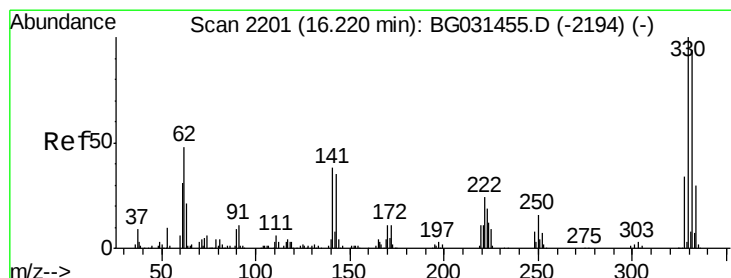
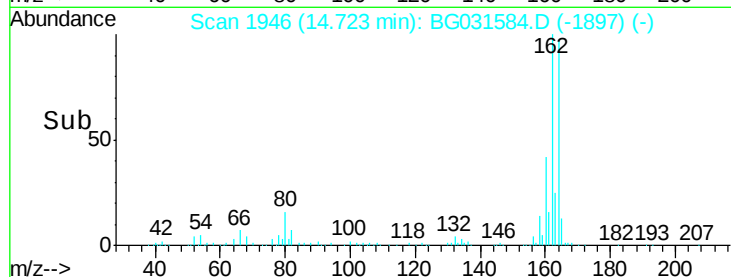
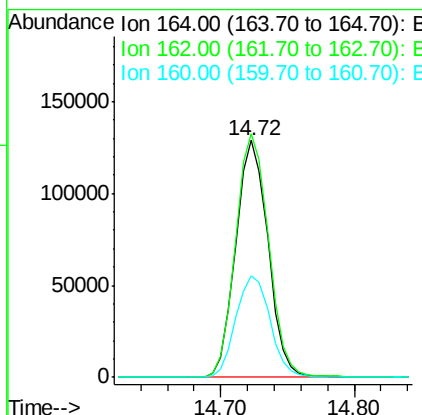
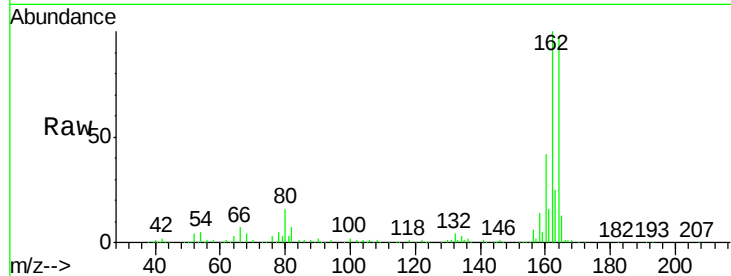




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031584.D
Acq: 15 Dec 2017 7:44

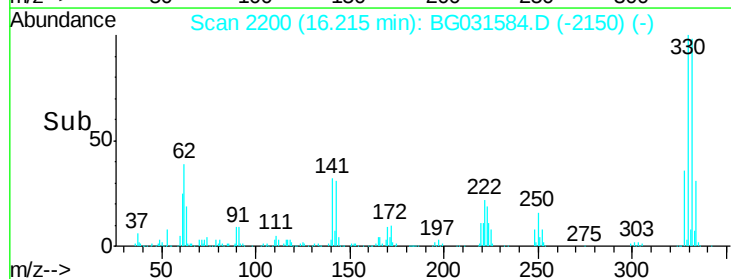
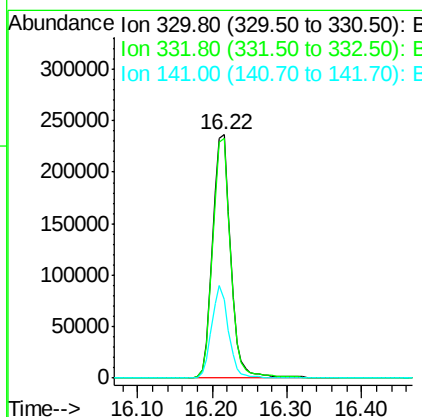
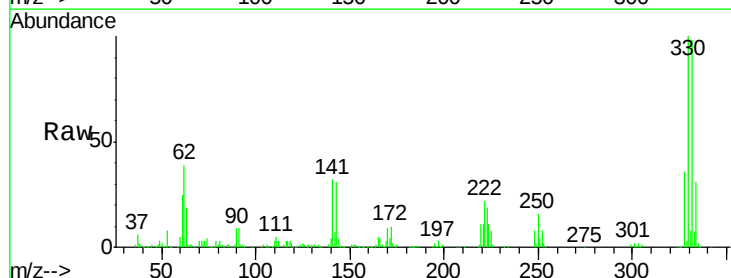
Instrument :
BNA_G
ClientSampleId :

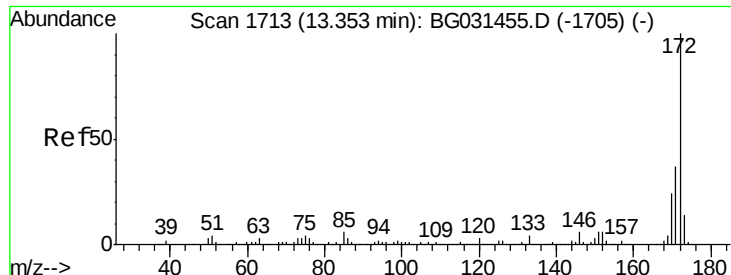
Tot Ion:164 Resp: 216133
Ion Ratio Lower Upper
164 100
162 102.7 78.8 118.2
160 43.0 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 156.634 ng
RT: 16.22 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG031584.D
Acq: 15 Dec 2017 7:44

Tgt Ion:330 Resp: 396610
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 35.4 25.2 37.8

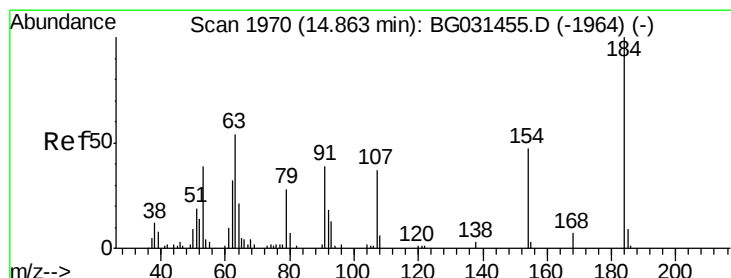
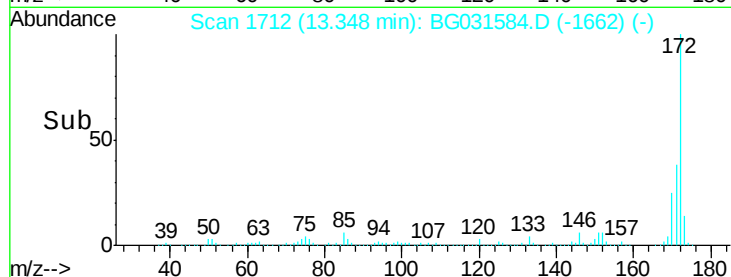
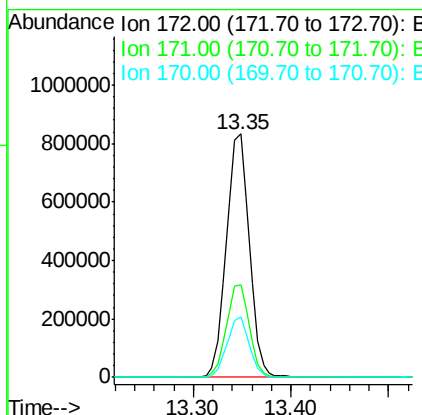
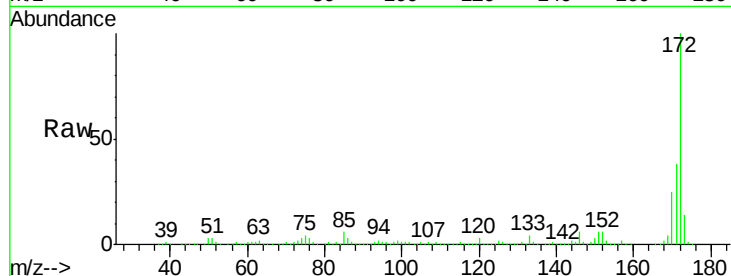




#44
 2-Fluorobiphenyl
 Concen: 92.800 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG031584.D
 Acq: 15 Dec 2017 7:44

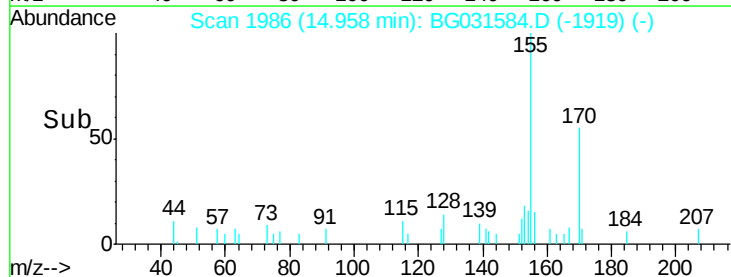
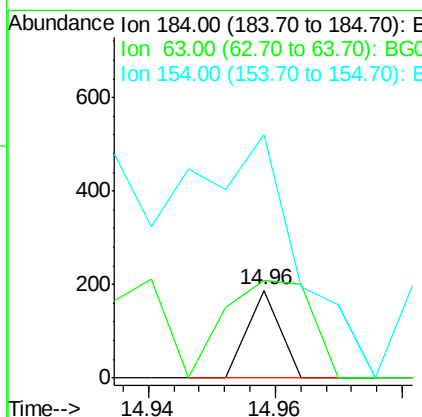
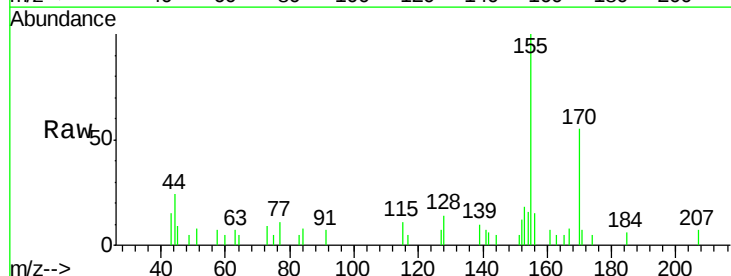
Instrument :
 BNA_G
 ClientSampleId :

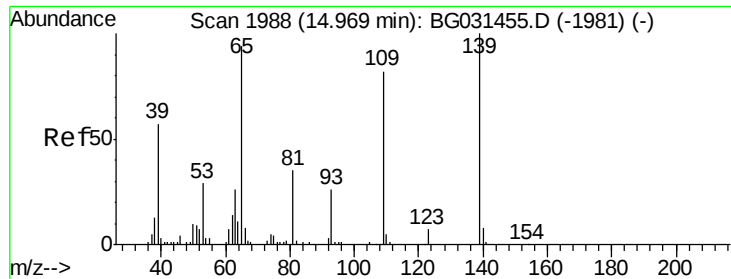
Tot Ion:172 Resp: 1366408
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 24.9 19.5 29.3



#53
 2,4-Dinitrophenol
 Concen: 9.088 ng
 RT: 14.96 min Scan# 1986
 Delta R.T. 0.10 min
 Lab File: BG031584.D
 Acq: 15 Dec 2017 7:44

Tgt Ion:184 Resp: 66
 Ion Ratio Lower Upper
 184 100
 63 110.6 59.8 89.8#
 154 277.1 101.8 152.8#

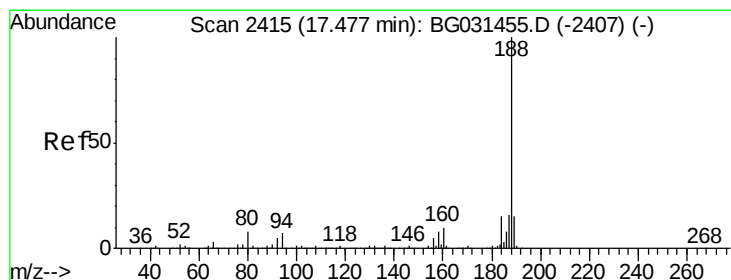
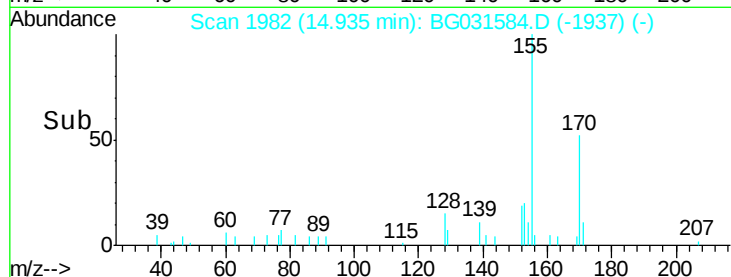
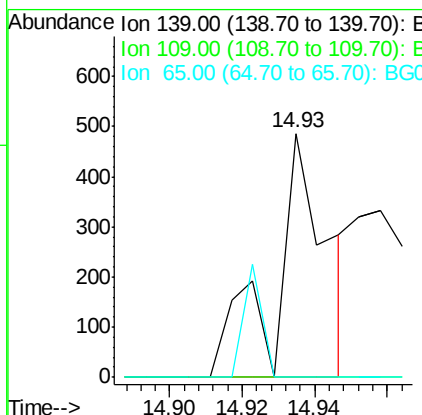
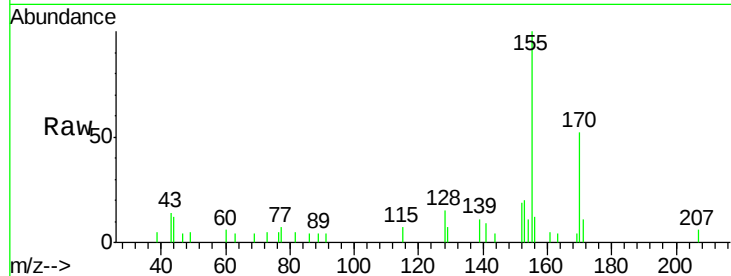




#55
4-Nitrophenol
Concen: 3.719 ng
RT: 14.93 min Scan# 1982
Delta R.T. -0.03 min
Lab File: BG031584.D
Acq: 15 Dec 2017 7:44

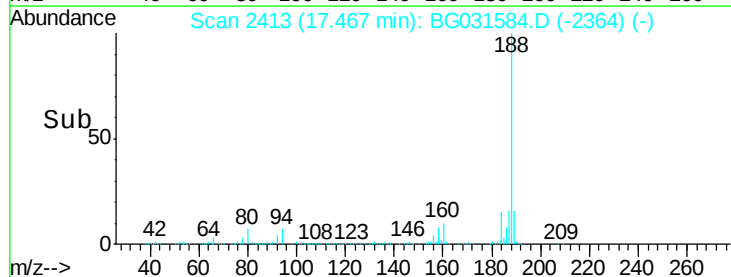
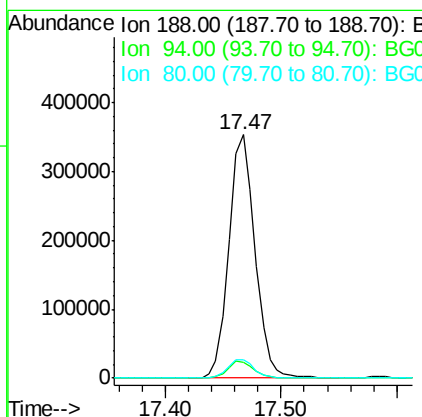
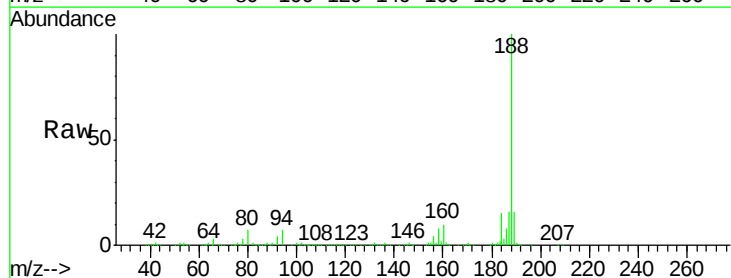
Instrument :
BNA_G
ClientSampleId :

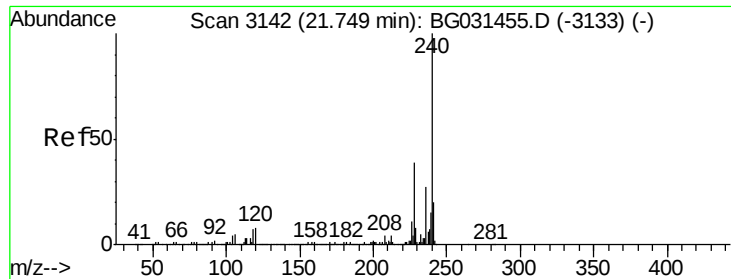
Tot Ion:139 Resp: 487
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031584.D
Acq: 15 Dec 2017 7:44

Tgt Ion:188 Resp: 553606
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 7.4 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.02 min

Lab File: BG031584.D

Acq: 15 Dec 2017 7:44

Instrument :

BNA_G

ClientSampleId :

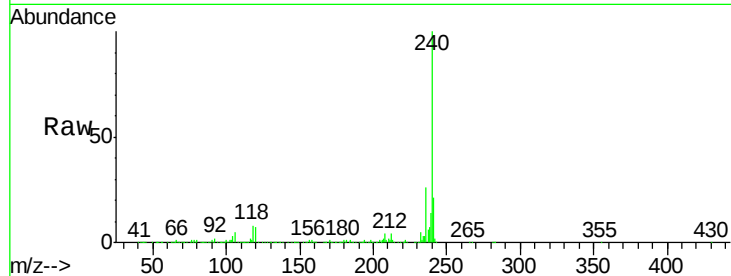
Tot Ion:240 Resp: 659296

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

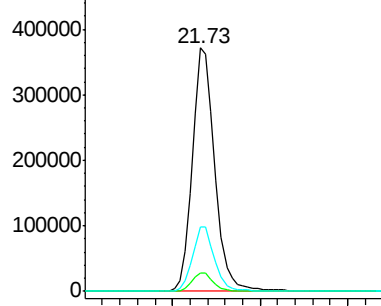
236 26.2 20.9 31.3



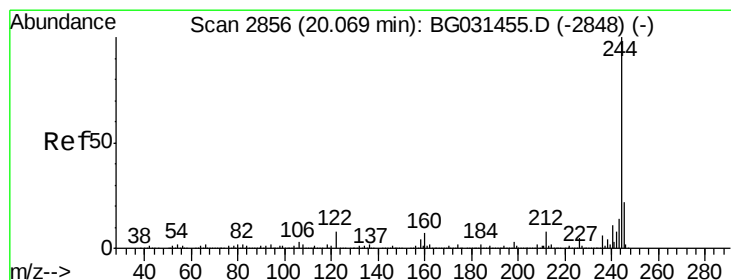
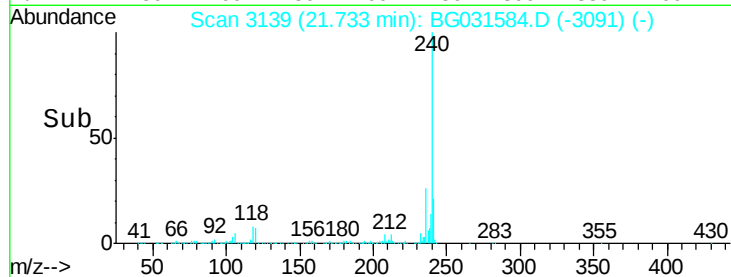
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 85.061 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031584.D

Acq: 15 Dec 2017 7:44

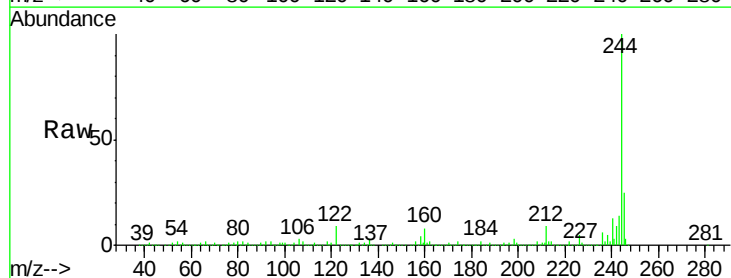
Tgt Ion:244 Resp: 2464900

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

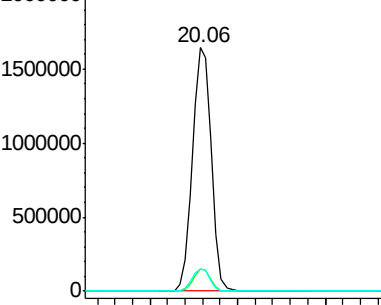
122 9.3 7.0 10.4



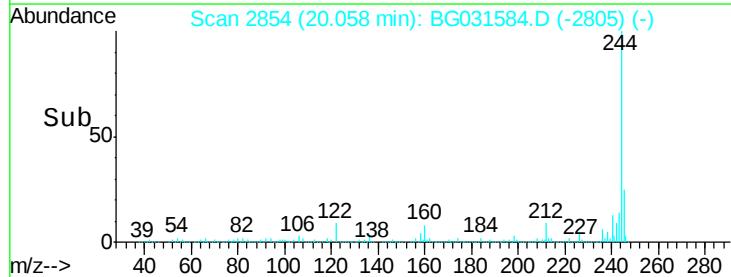
Abundance Ion 244.00 (243.70 to 244.70): E

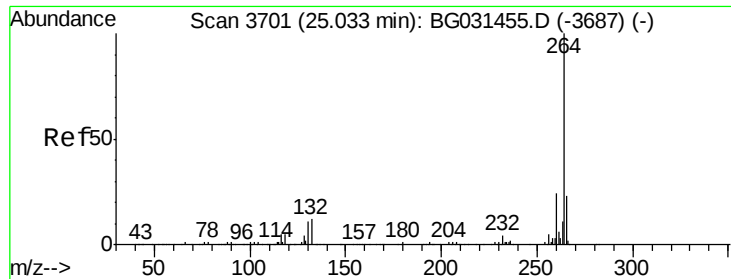
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3697
Delta R.T. -0.02 min
Lab File: BG031584.D
Acq: 15 Dec 2017 7:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 574441
Ion Ratio Lower Upper
264 100
260 23.8 17.4 26.0
265 22.2 17.7 26.5

