

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121517\
 Data File : BG031596.D
 Acq On : 15 Dec 2017 20:13
 Operator : SJ/JU
 Sample : PB105057BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 15 23:02:25 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

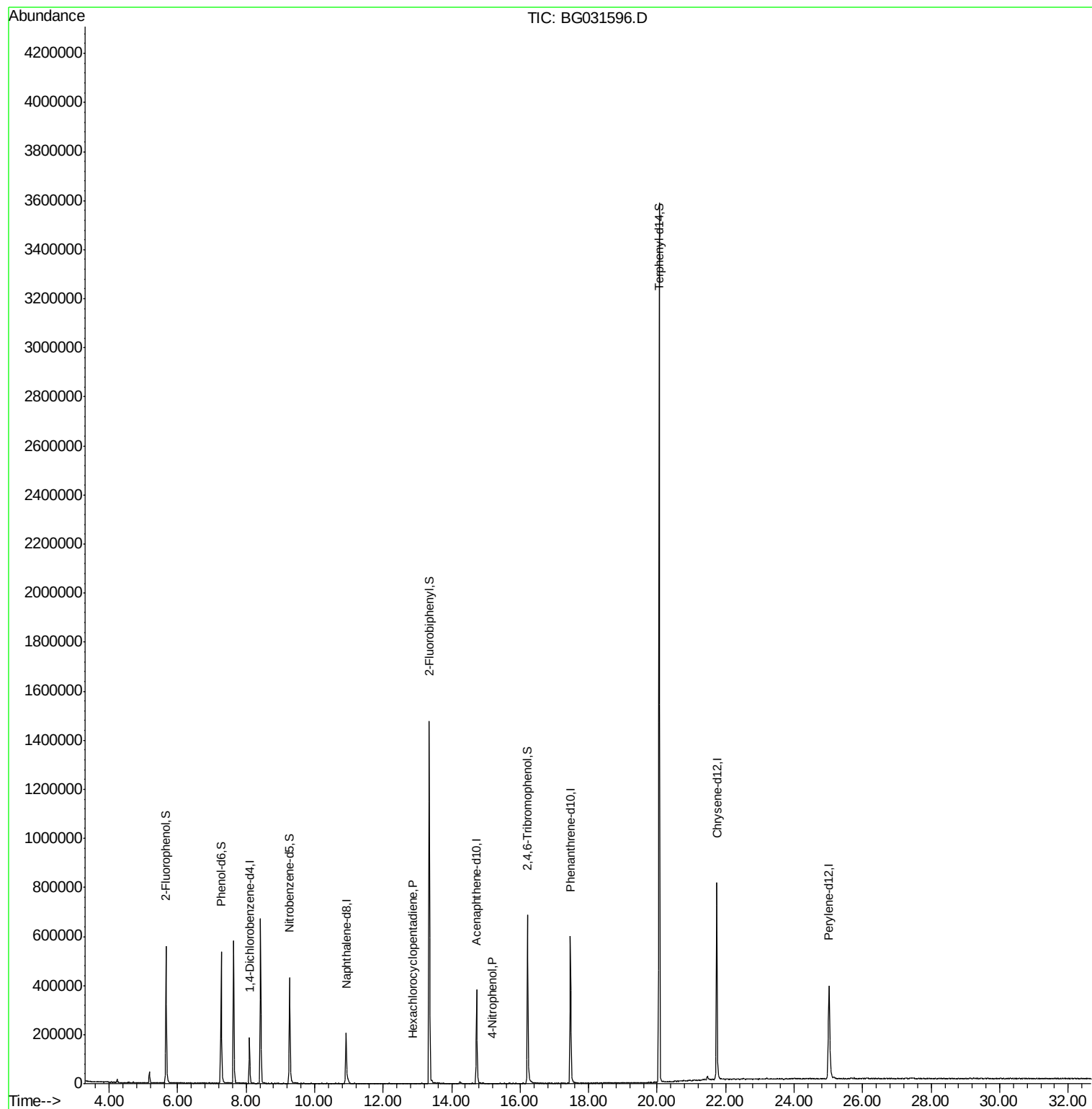
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	58889	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	243696	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	157757	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	445145	20.00	ng	0.00
75) Chrysene-d12	21.74	240	560645	20.00	ng	0.00
86) Perylene-d12	25.02	264	474058	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	292145	87.93	ng	0.00
7) Phenol-d6	7.27	99	368554	79.91	ng	0.00
23) Nitrobenzene-d5	9.27	82	305545	77.28	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	164179	88.83	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	920302	85.63	ng	0.00
78) Terphenyl-d14	20.06	244	1818574	73.80	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	12.87	237	55	8.699	ng	# 22
55) 4-Nitrophenol	15.20	139	56	3.570	ng	# 1

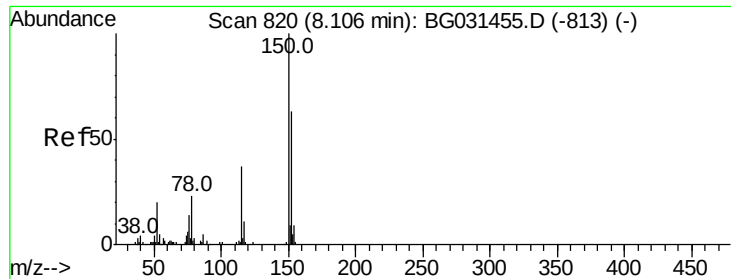
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121517\
Data File : BG031596.D
Acq On : 15 Dec 2017 20:13
Operator : SJ/JU
Sample : PB105057BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 15 23:02:25 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



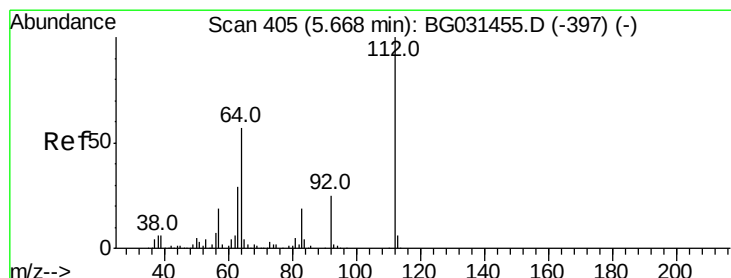
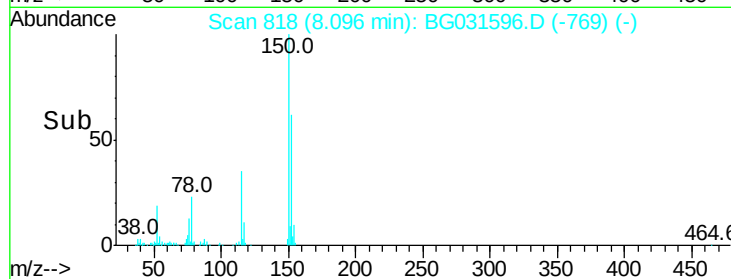
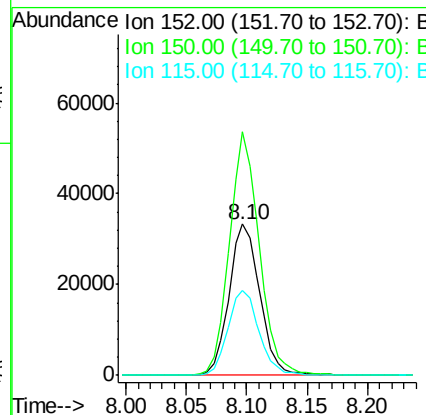
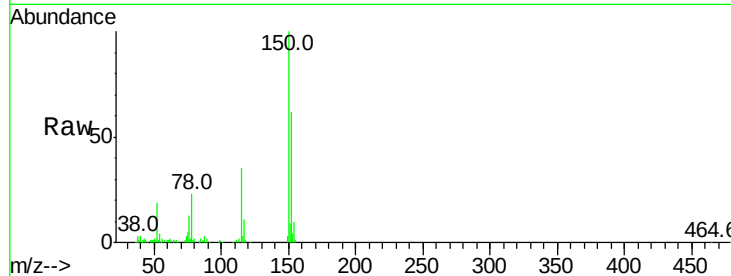


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031596.D
Acq: 15 Dec 2017 20:13

Instrument :
BNA_G
ClientSampleId :

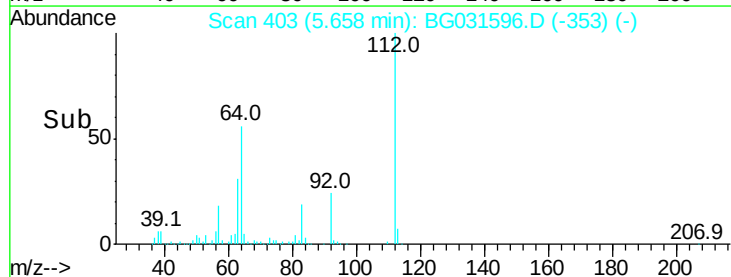
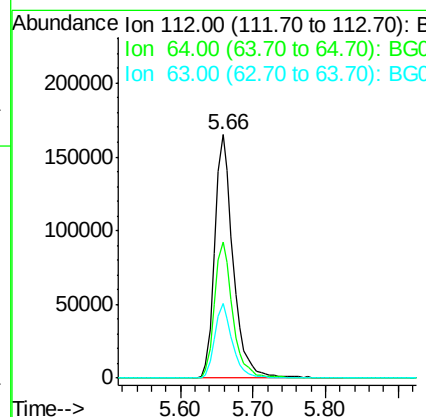
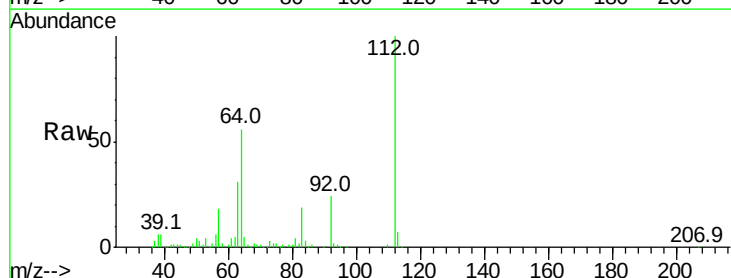
Tot Ion:152 Resp: 58889
Ion Ratio Lower Upper
152 100
150 161.1 126.6 189.8
115 56.5 53.0 79.4

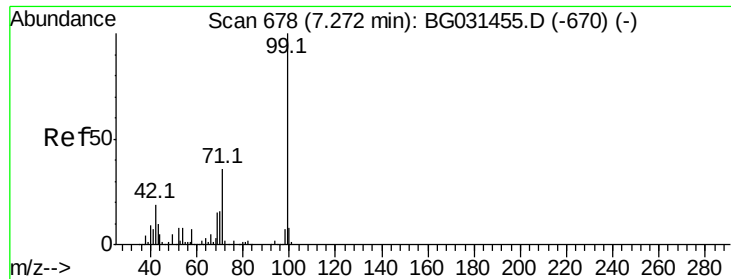


#5

2-Fluorophenol
Concen: 87.934 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031596.D
Acq: 15 Dec 2017 20:13

Tgt Ion:112 Resp: 292145
Ion Ratio Lower Upper
112 100
64 55.7 56.3 84.5#
63 30.5 30.1 45.1





#7

Phenol-d6

Concen: 79.909 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031596.D

Acq: 15 Dec 2017 20:13

Instrument :

BNA_G

ClientSampled :

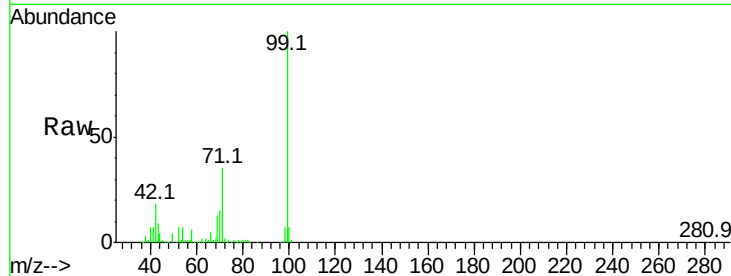
Tot Ion: 99 Resp: 368554

Ion Ratio Lower Upper

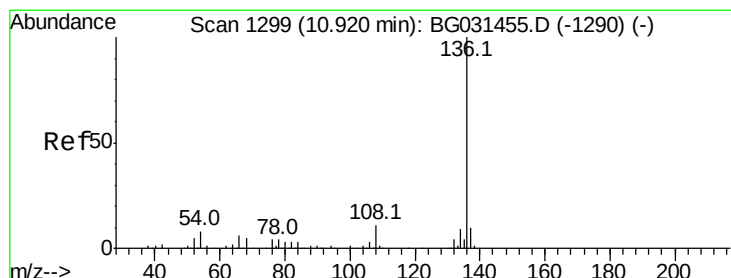
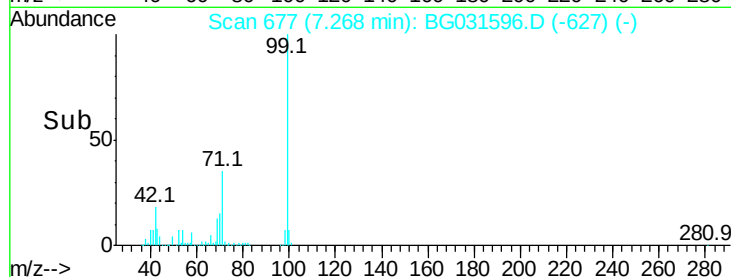
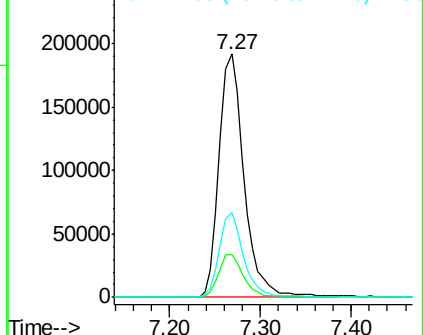
99 100

42 17.5 14.1 21.1

71 35.0 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: BG031596.D

Acq: 15 Dec 2017 20:13

Tgt Ion: 136 Resp: 243696

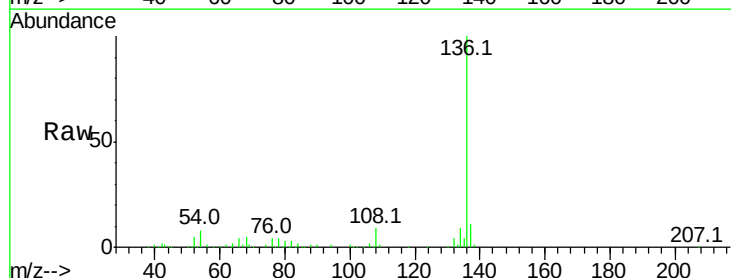
Ion Ratio Lower Upper

136 100

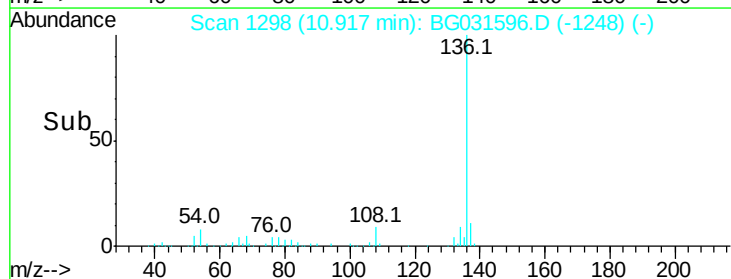
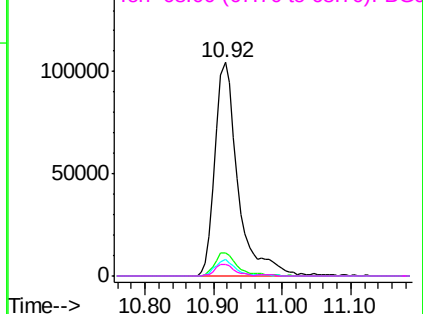
137 10.7 9.2 13.8

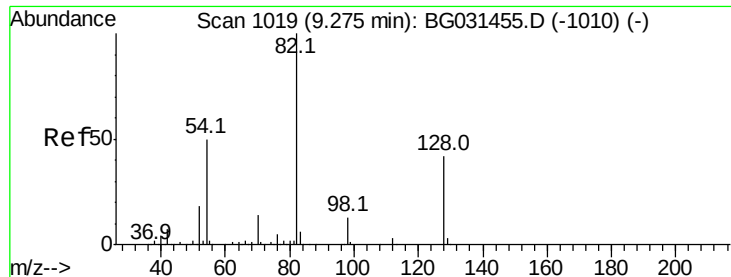
54 7.6 10.3 15.5#

68 5.5 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

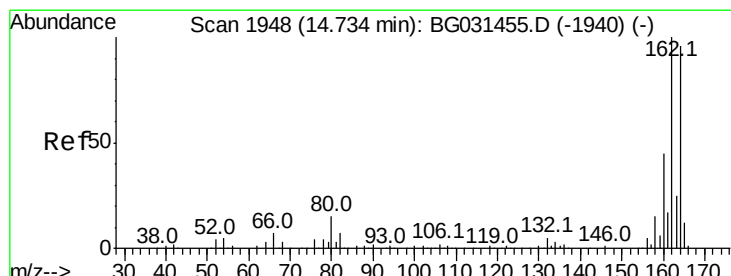
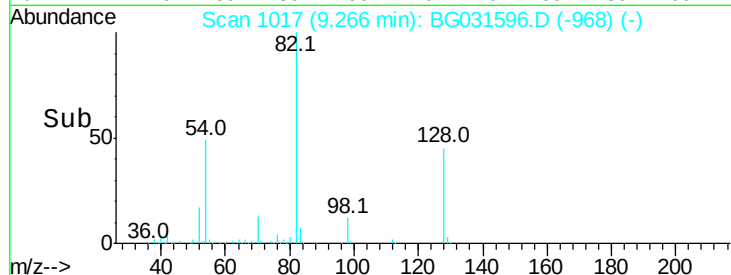
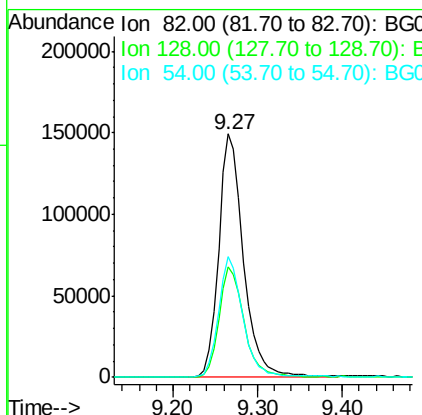
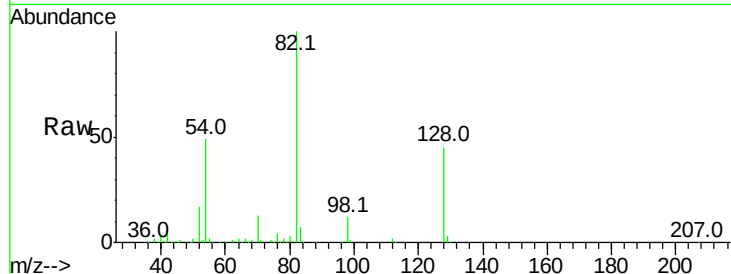




#23
Nitrobenzene-d5
Concen: 77.280 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG031596.D
Acq: 15 Dec 2017 20:13

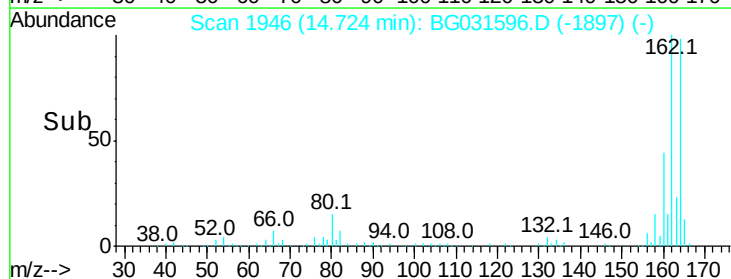
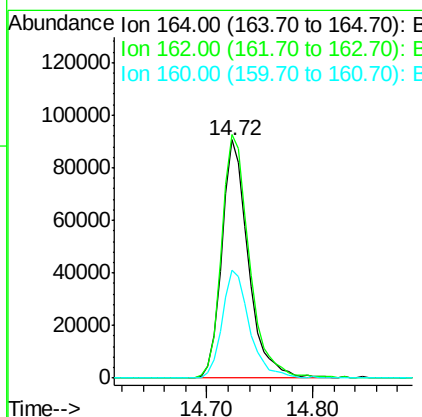
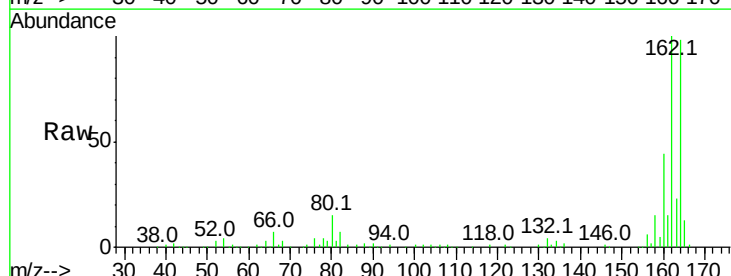
Instrument :
BNA_G
ClientSampleId :

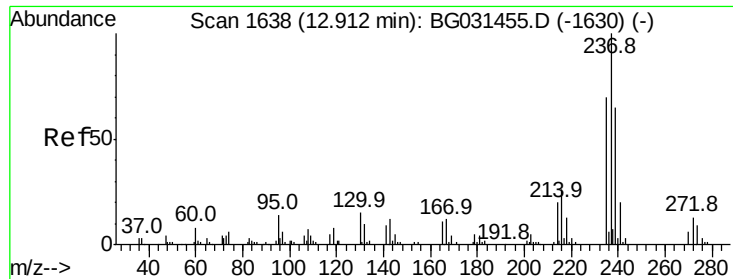
Tot Ion: 82 Resp: 305545
Ion Ratio Lower Upper
82 100
128 45.1 29.7 44.5#
54 49.4 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031596.D
Acq: 15 Dec 2017 20:13

Tgt Ion:164 Resp: 157757
Ion Ratio Lower Upper
164 100
162 102.2 78.8 118.2
160 45.5 35.4 53.0





#40

Hexachlorocyclopentadiene

Concen: 8.699 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.04 min

Lab File: BG031596.D

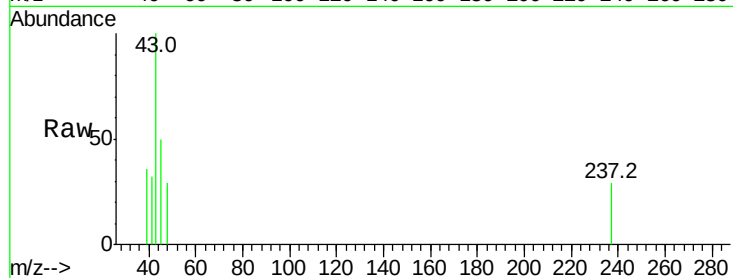
Acq: 15 Dec 2017 20:13

Instrument :

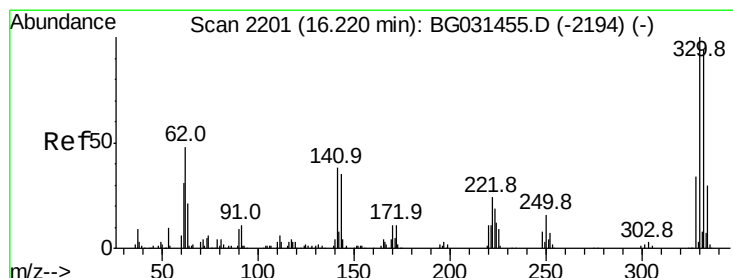
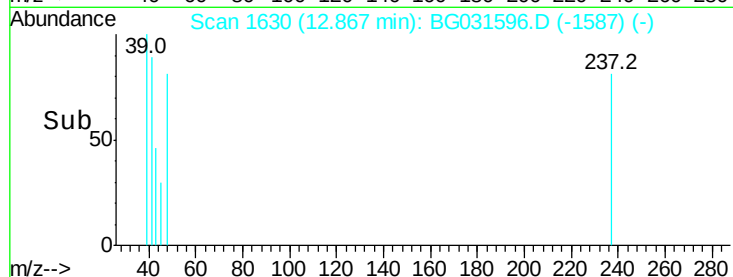
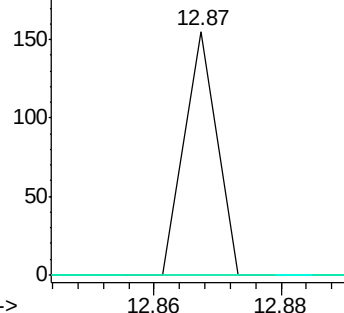
BNA_G

ClientSampleId :

Tot Ion:	237	Resp:	55
Ion	Ratio	Lower	Upper
237	100		
235	0.0	50.4	90.4#
272	0.0	0.0	31.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 88.832 ng

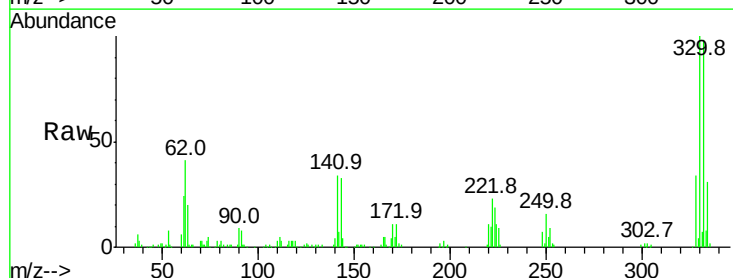
RT: 16.22 min Scan# 2200

Delta R.T. -0.00 min

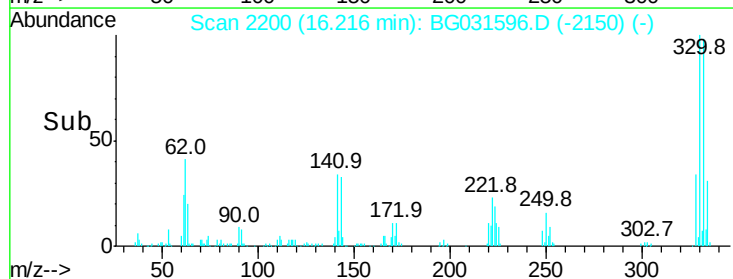
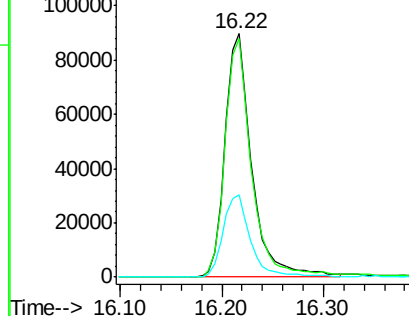
Lab File: BG031596.D

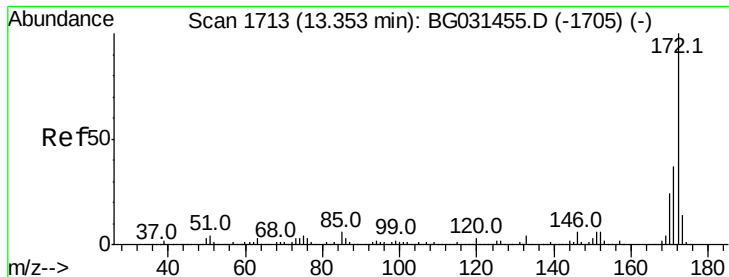
Acq: 15 Dec 2017 20:13

Tgt Ion:	330	Resp:	164179
Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.6
141	34.8	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

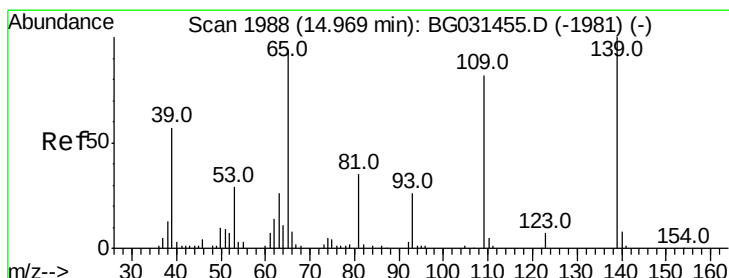
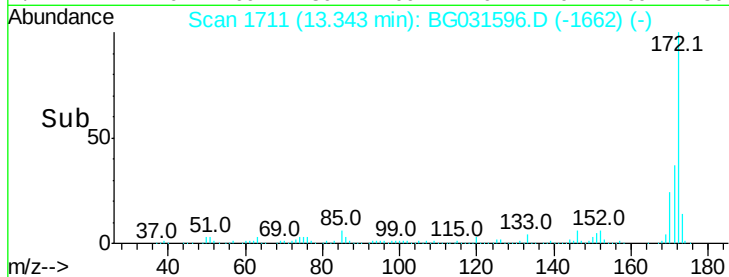
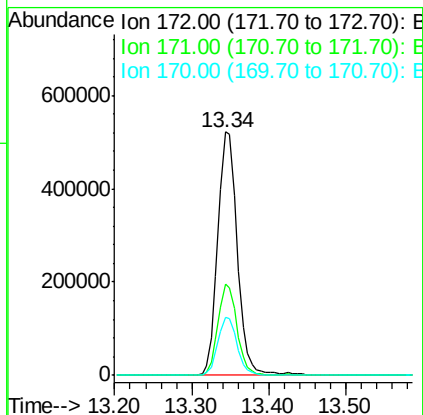
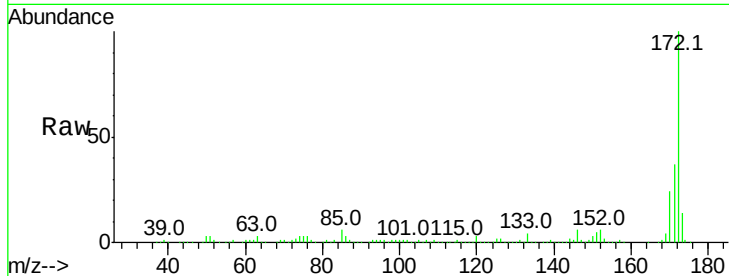




#44
 2-Fluorobiphenyl
 Concen: 85.631 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG031596.D
 Acq: 15 Dec 2017 20:13

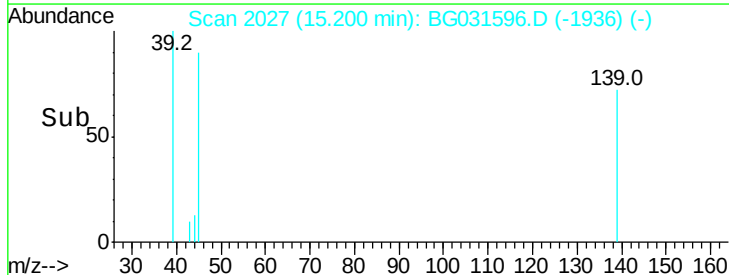
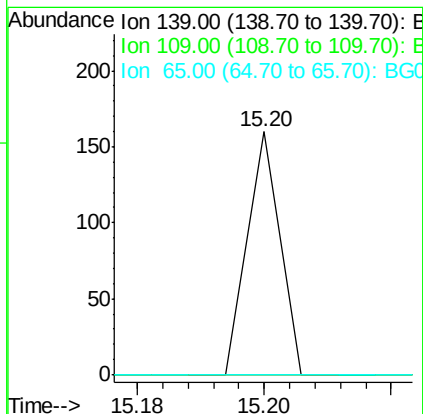
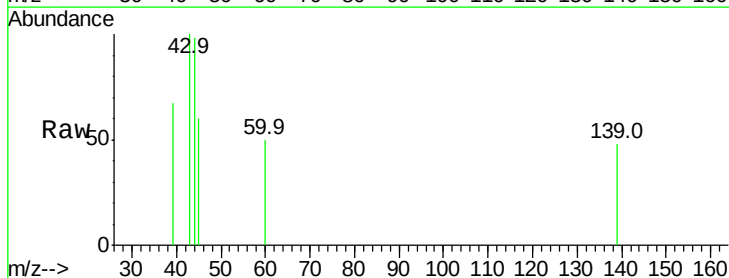
Instrument :
 BNA_G
 ClientSampleId :

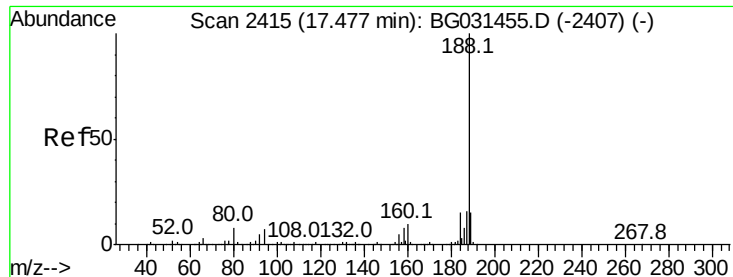
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	23.8	19.5	29.3



#55
 4-Nitrophenol
 Concen: 3.570 ng
 RT: 15.20 min Scan# 2027
 Delta R.T. 0.23 min
 Lab File: BG031596.D
 Acq: 15 Dec 2017 20:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#

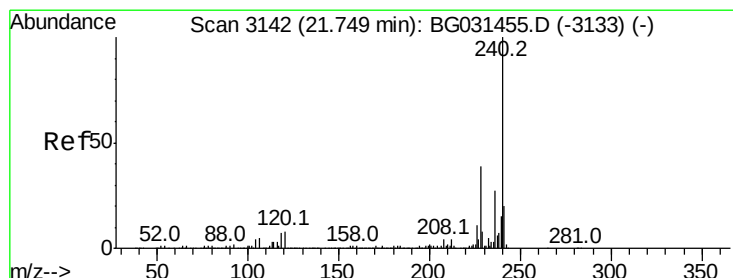
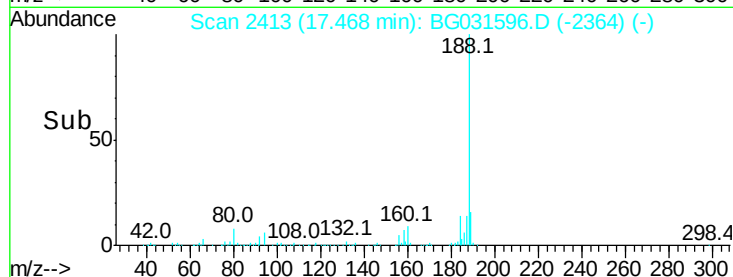
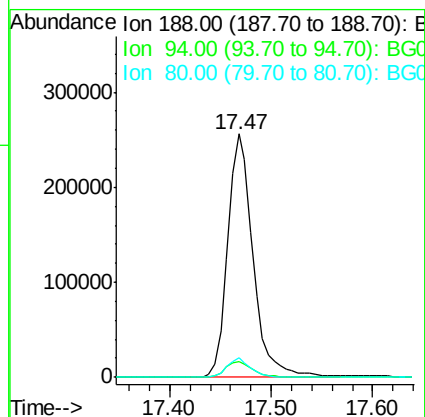
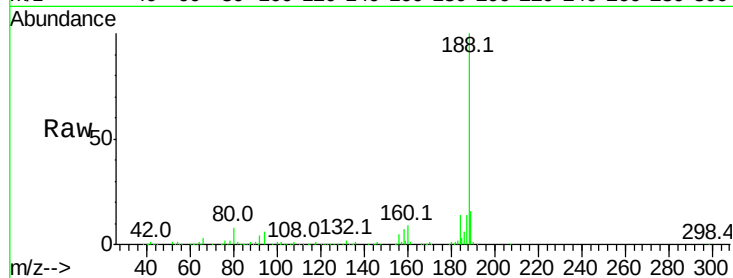




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031596.D
Acq: 15 Dec 2017 20:13

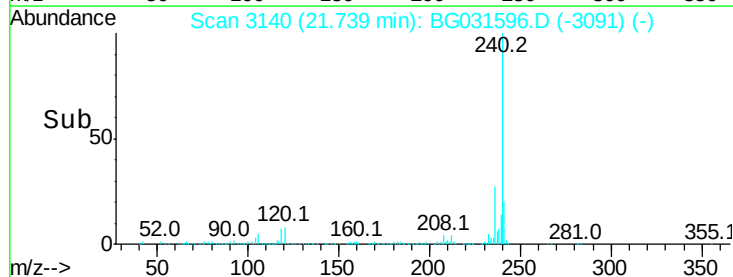
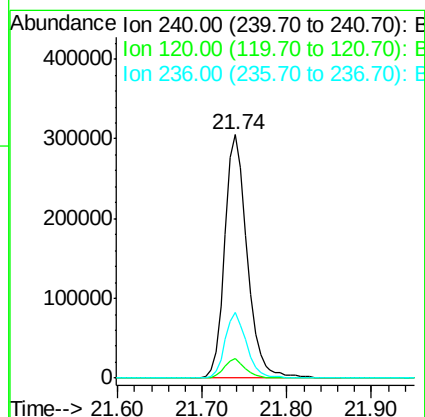
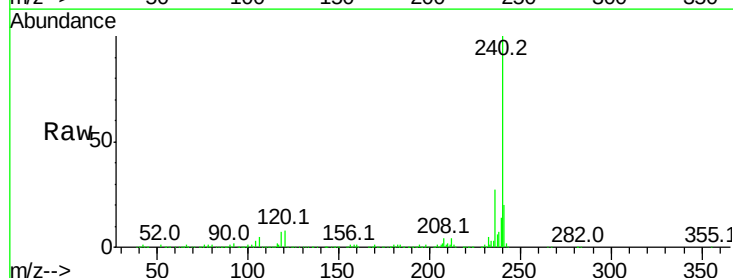
Instrument :
BNA_G
ClientSampleId :

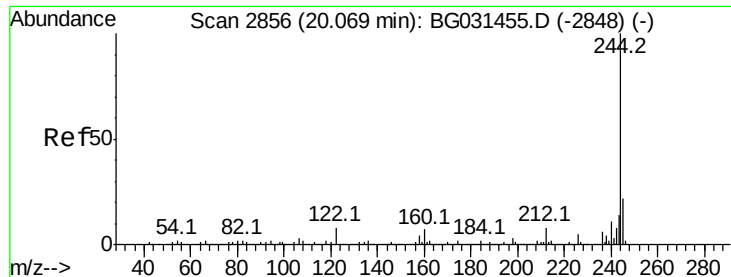
Tot Ion:188 Resp: 445145
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 8.3 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031596.D
Acq: 15 Dec 2017 20:13

Tgt Ion:240 Resp: 560645
Ion Ratio Lower Upper
240 100
120 8.2 6.8 10.2
236 27.2 20.9 31.3





#78

Terphenyl-d14

Concen: 73.800 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031596.D

Acq: 15 Dec 2017 20:13

Instrument :

BNA_G

ClientSampleId :

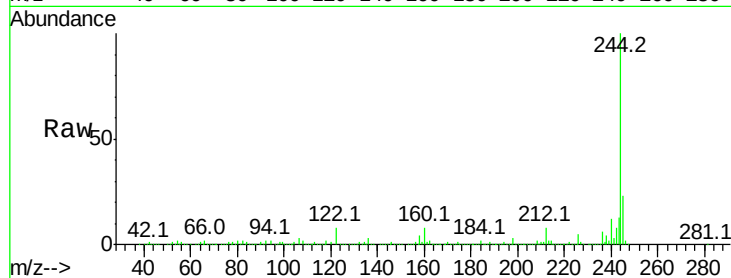
Tot Ion:244 Resp: 1818574

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

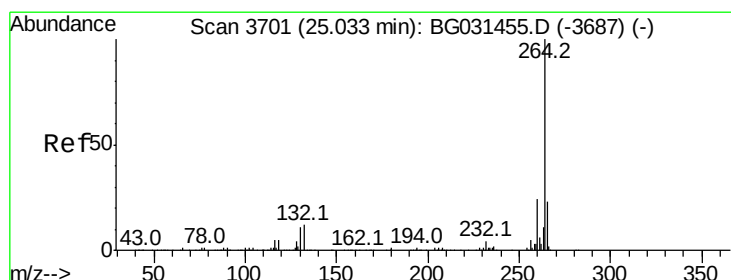
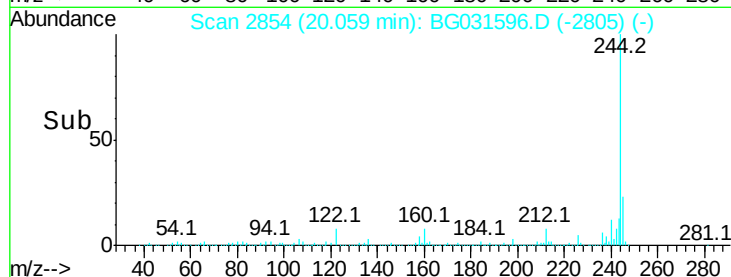
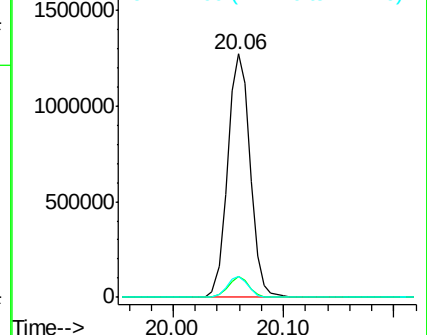
122 8.5 7.0 10.4



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# 3699

Delta R.T. -0.01 min

Lab File: BG031596.D

Acq: 15 Dec 2017 20:13

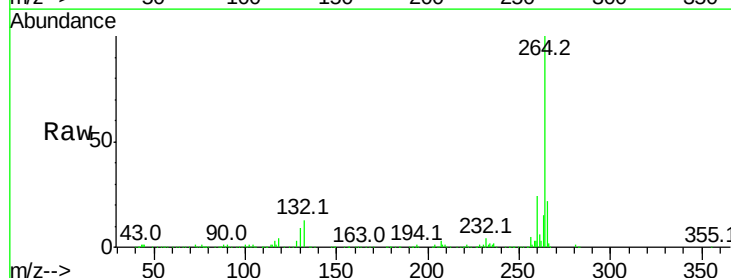
Tgt Ion:264 Resp: 474058

Ion Ratio Lower Upper

264 100

260 24.0 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

