

Data Path : Z:\HPCHEM1\BNA G\DATA\BG103117\
 Data File : BG030615.D
 Acq On : 31 Oct 2017 16:50
 Operator : SJ/JU
 Sample : I6133-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW-02(18-20)

Quant Time: Nov 01 06:28:17 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

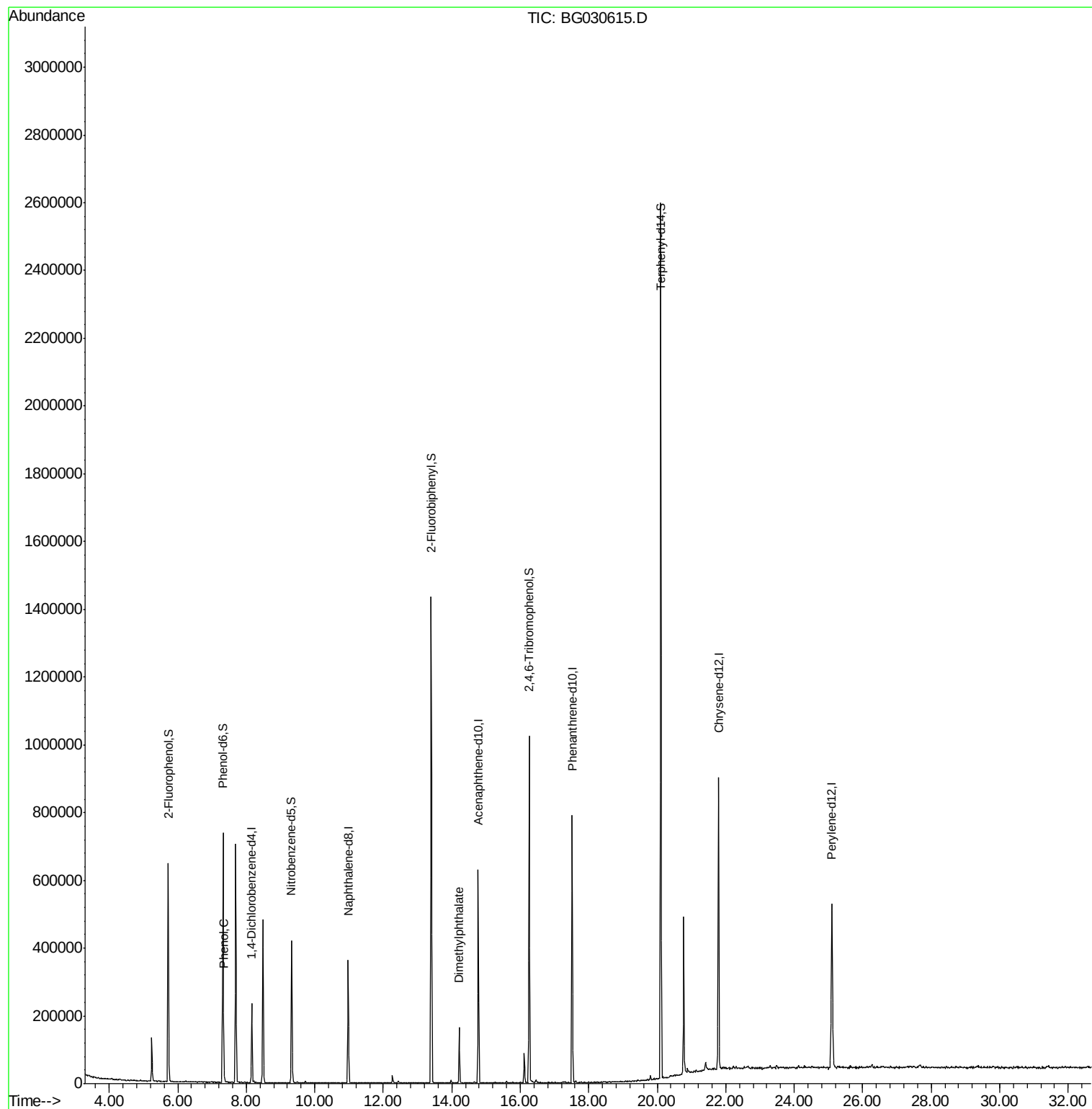
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	70406	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	337817	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	227273	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	501682	20.00	ng	-0.02
75) Chrysene-d12	21.79	240	540978	20.00	ng	-0.01
86) Perylene-d12	25.10	264	538710	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	307218	72.89	ng	0.00
7) Phenol-d6	7.32	99	451772	76.37	ng	0.00
23) Nitrobenzene-d5	9.32	82	260460	49.00	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	219392	74.77	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	794497	51.27	ng	-0.02
78) Terphenyl-d14	20.10	244	1210076	50.89	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	18726	2.936	ng	96
49) Dimethylphthalate	14.22	163	120006	6.768	ng	98

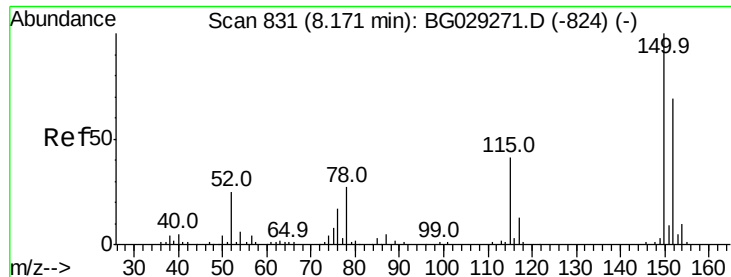
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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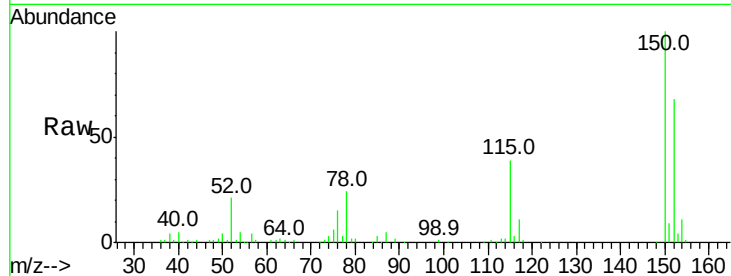


#1

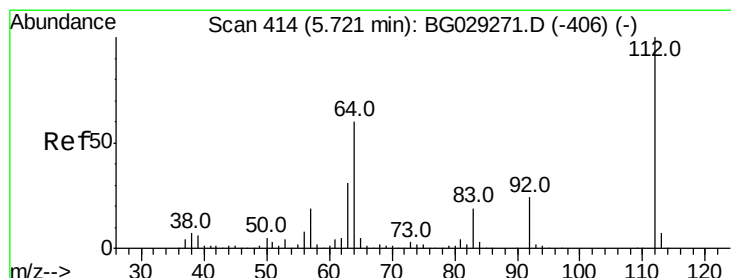
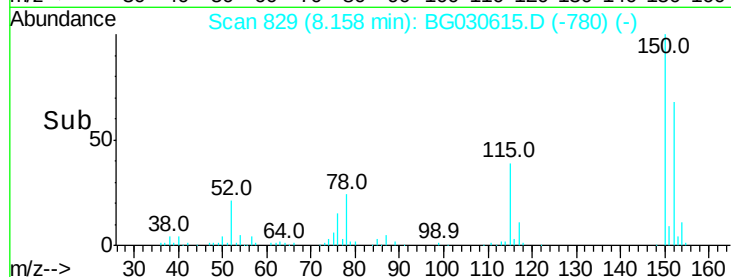
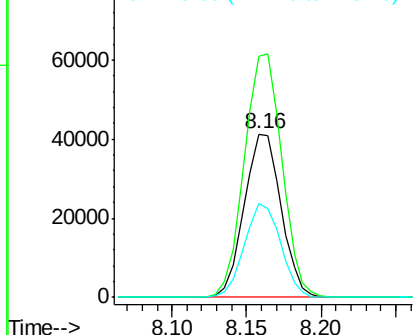
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG030615.D
Acq: 31 Oct 2017 16:50

Instrument :
BNA_G
ClientSampleId :
SW-02(18-20)

Tot Ion:152 Resp: 70406
Ion Ratio Lower Upper
152 100
150 147.7 126.6 189.8
115 57.9 53.0 79.4



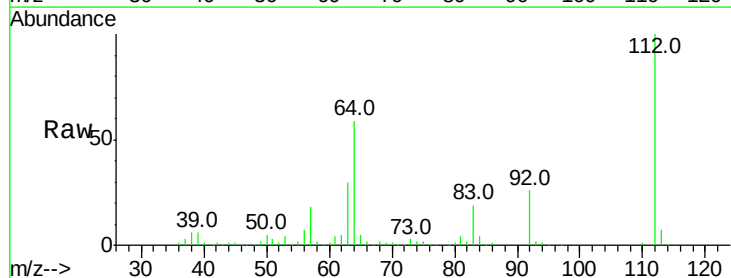
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



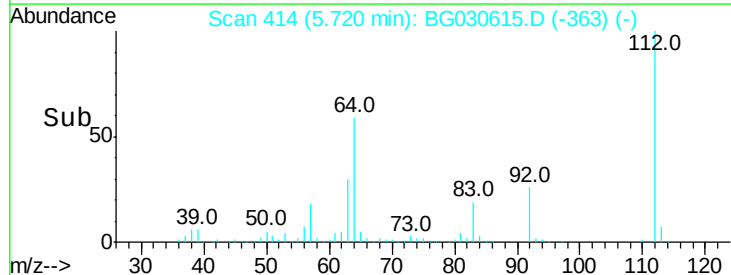
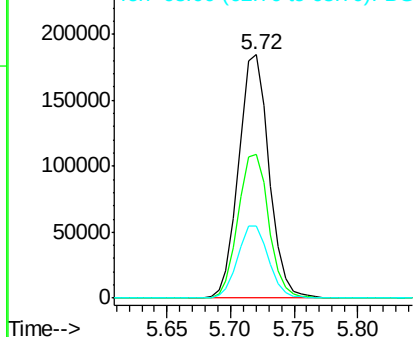
#5

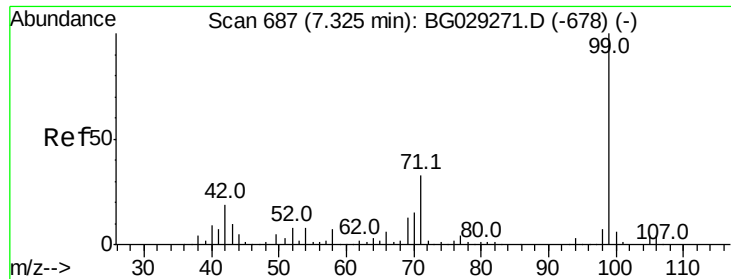
2-Fluorophenol
Concen: 72.895 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG030615.D
Acq: 31 Oct 2017 16:50

Tgt Ion:112 Resp: 307218
Ion Ratio Lower Upper
112 100
64 59.3 56.3 84.5
63 29.9 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 76.368 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG030615.D

Acq: 31 Oct 2017 16:50

Instrument :

BNA_G

ClientSampleId :

SW-02(18-20)

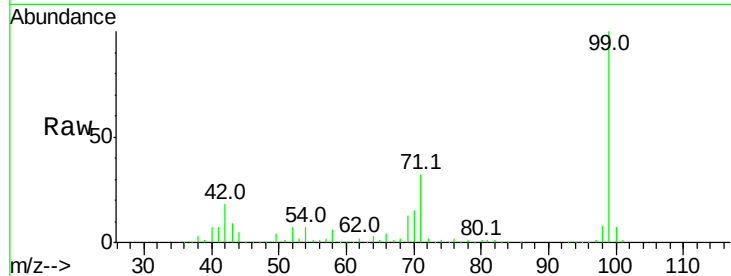
Tot Ion: 99 Resp: 451772

Ion Ratio Lower Upper

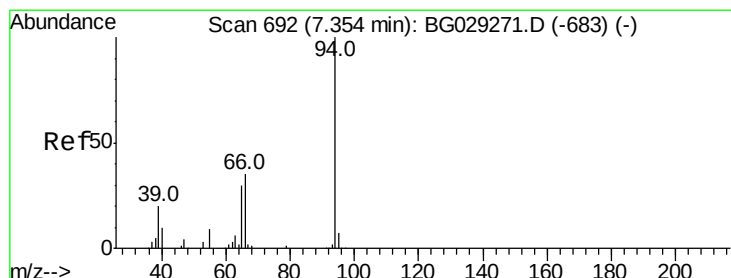
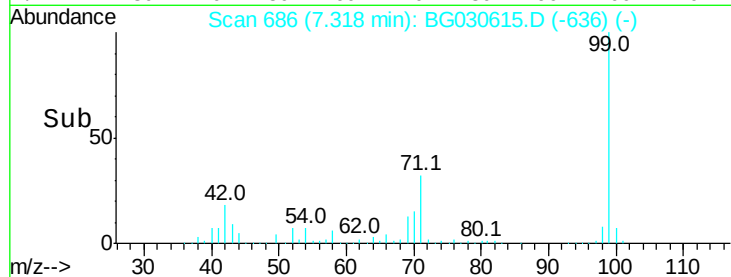
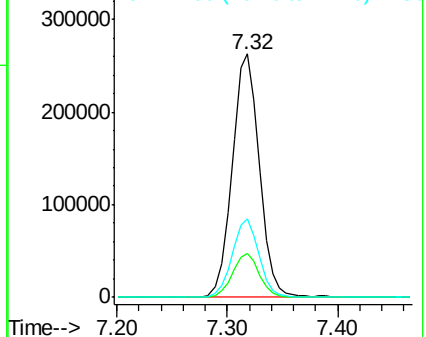
99 100

42 18.2 14.1 21.1

71 32.4 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



#10

Phenol

Concen: 2.936 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG030615.D

Acq: 31 Oct 2017 16:50

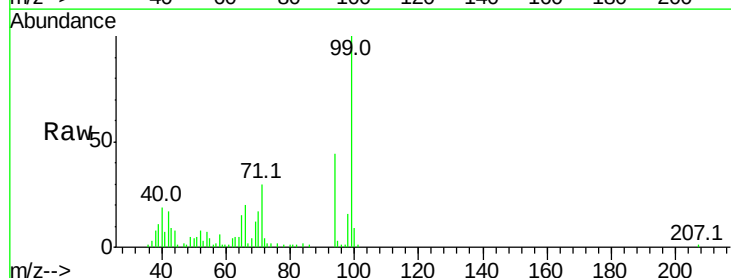
Tgt Ion: 94 Resp: 18726

Ion Ratio Lower Upper

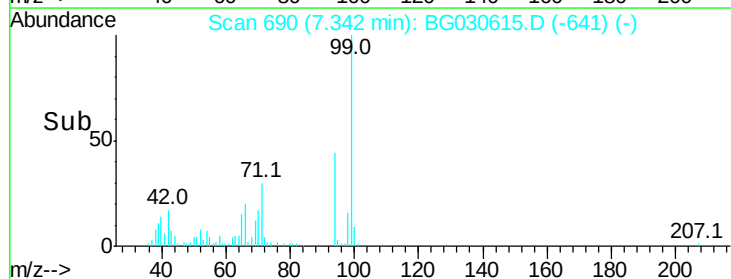
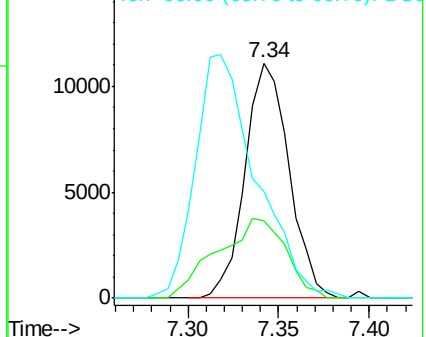
94 100

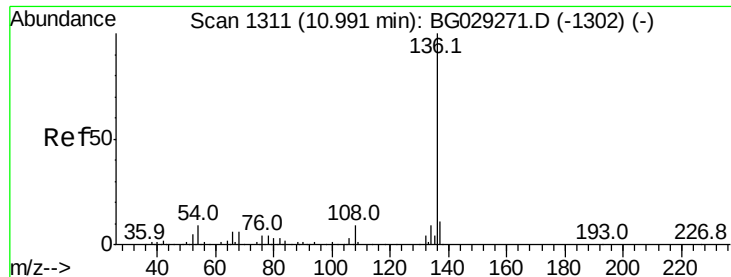
65 32.9 11.9 51.9

66 45.3 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

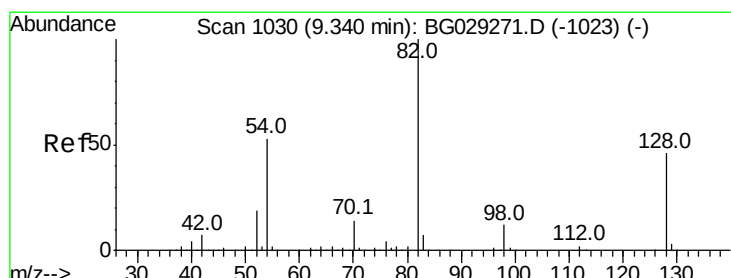
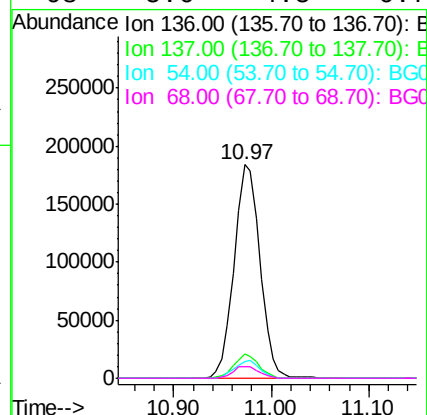
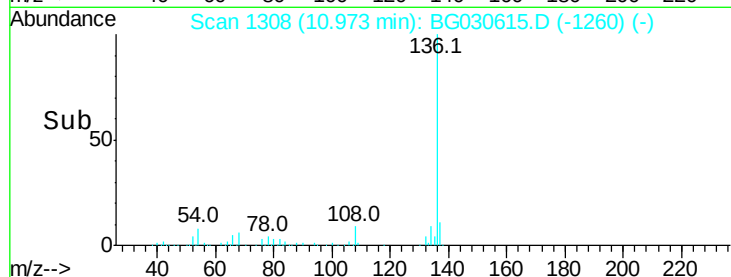
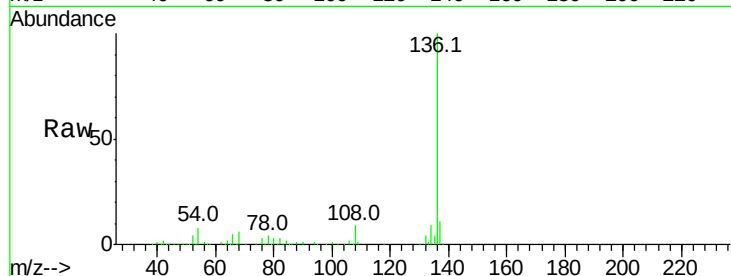




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG030615.D
Acq: 31 Oct 2017 16:50

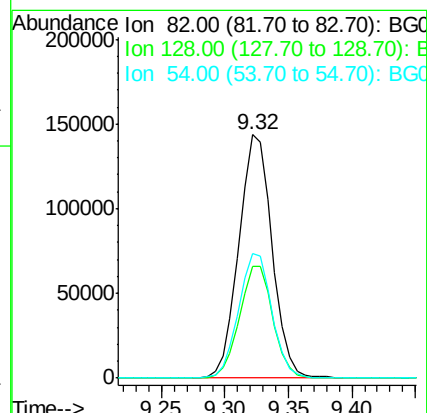
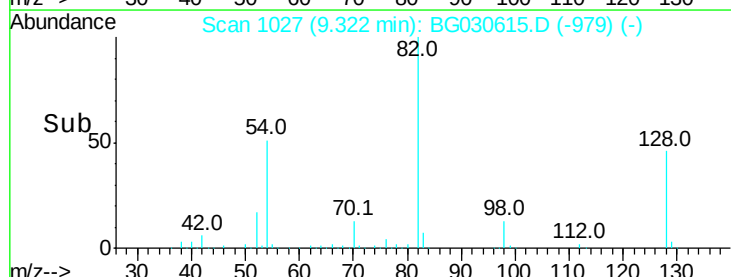
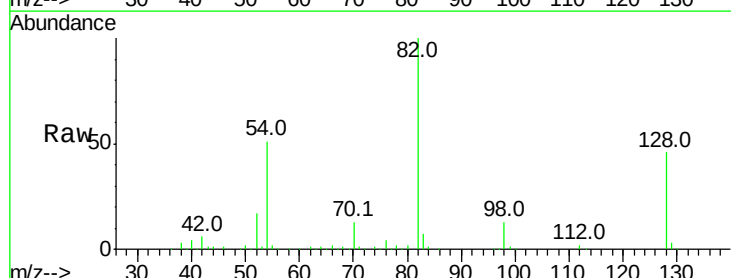
Instrument :
BNA_G
ClientSampleId :
SW-02(18-20)

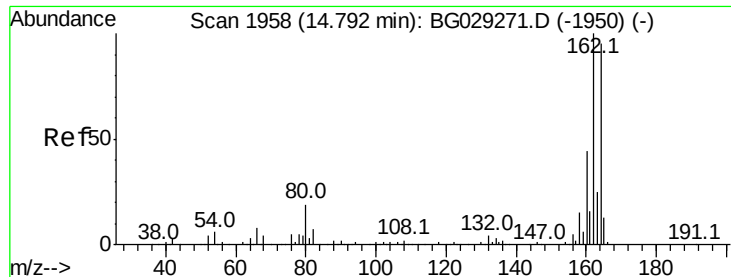
Tot Ion:136	Resp:	337817
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	8.1	10.3 15.5#
68	5.6	4.5 6.7



#23
Nitrobenzene-d5
Concen: 48.995 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG030615.D
Acq: 31 Oct 2017 16:50

Tgt Ion: 82	Resp:	260460
Ion Ratio	Lower	Upper
82	100	
128	46.0	29.7 44.5#
54	50.9	43.1 64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG030615.D

Acq: 31 Oct 2017 16:50

Instrument :

BNA_G

ClientSampleId :

SW-02(18-20)

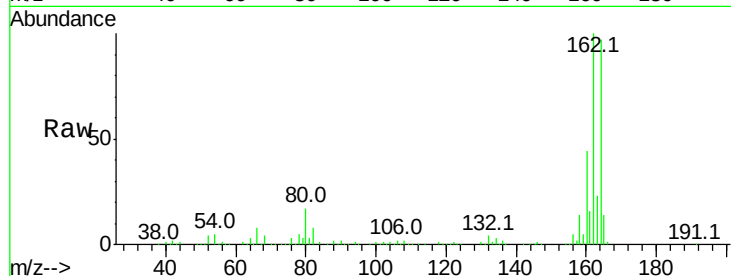
Tot Ion:164 Resp: 227273

Ion Ratio Lower Upper

164 100

162 103.2 78.8 118.2

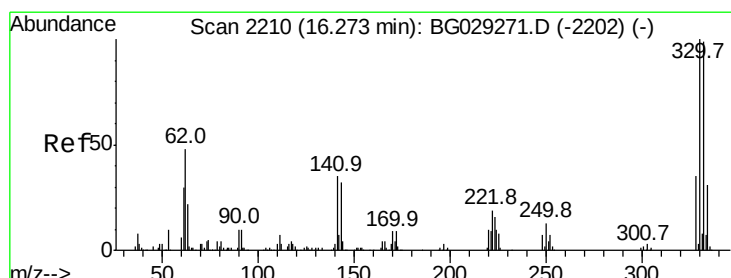
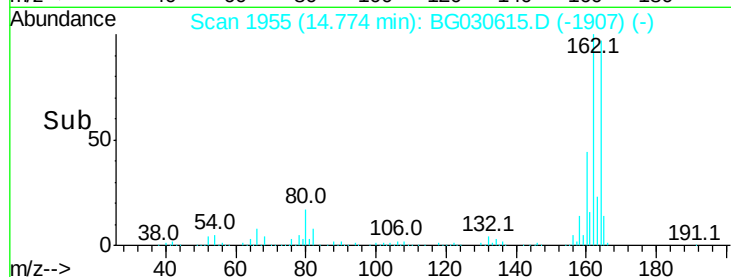
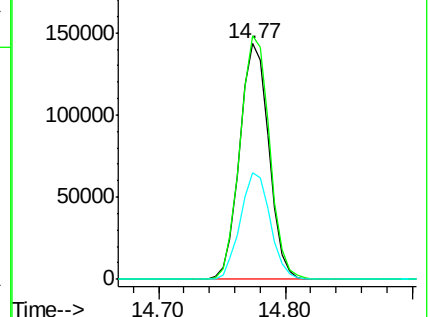
160 45.0 35.4 53.0



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: 74.767 ng

RT: 16.26 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG030615.D

Acq: 31 Oct 2017 16:50

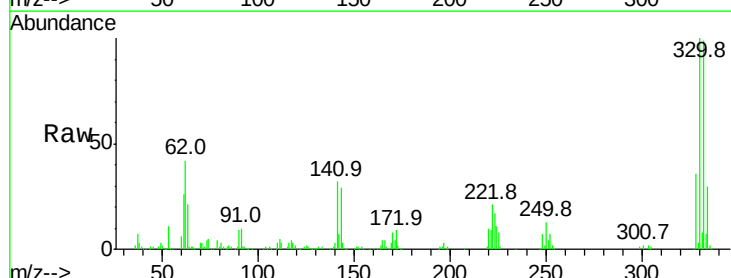
Tgt Ion:330 Resp: 219392

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

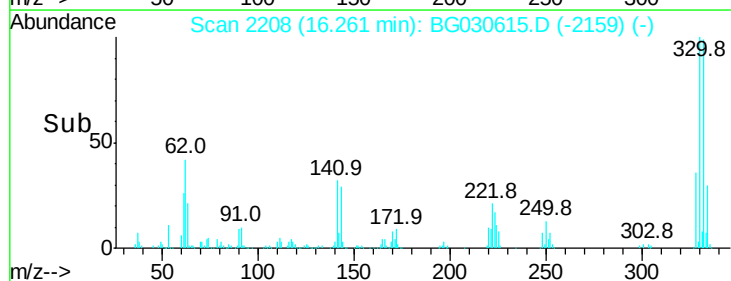
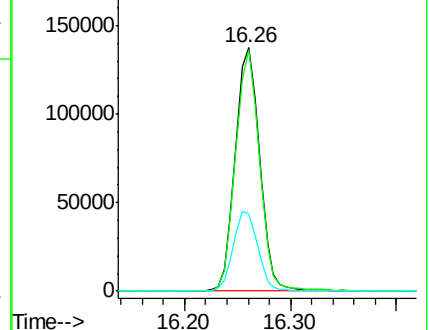
141 32.7 25.2 37.8

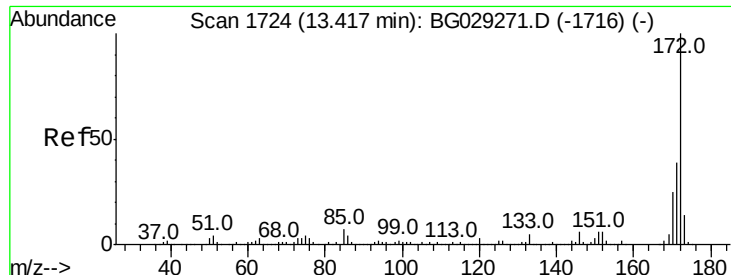


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

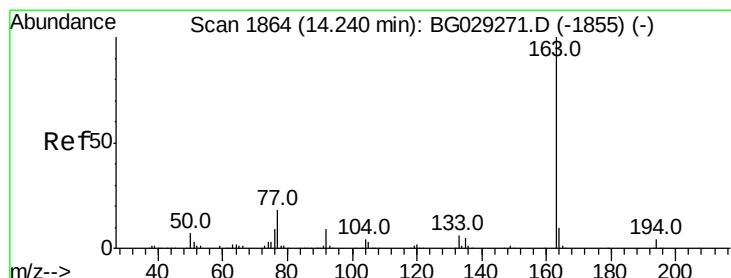
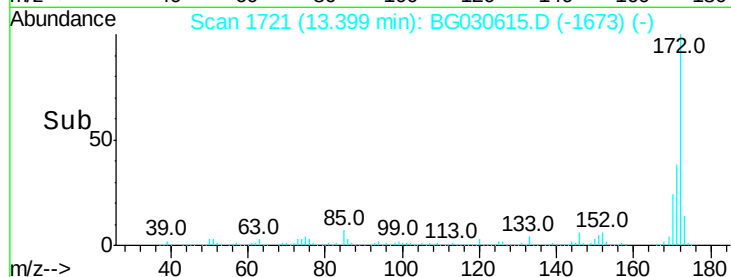
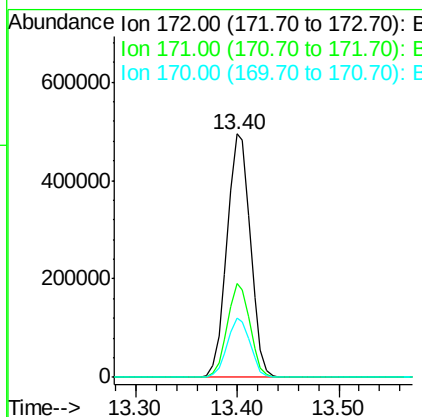
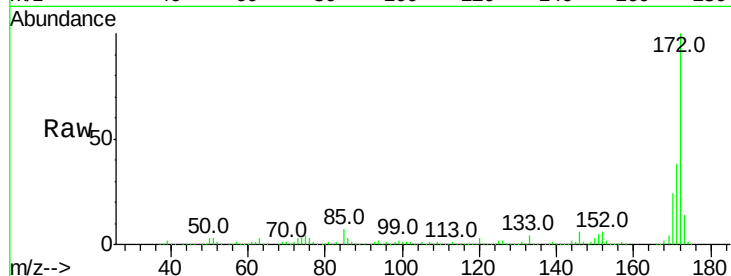




#44
2-Fluorobiphenyl
Concen: 51.271 ng
RT: 13.40 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG030615.D
Acq: 31 Oct 2017 16:50

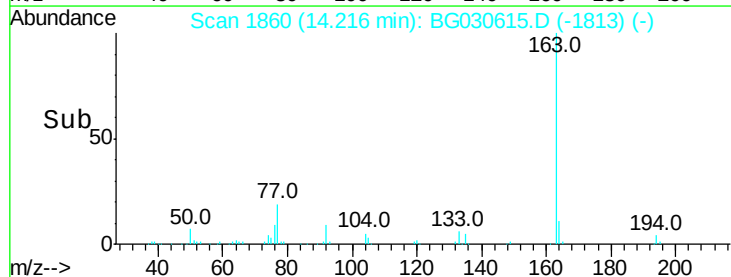
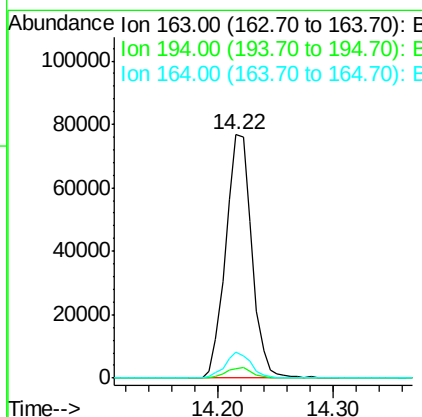
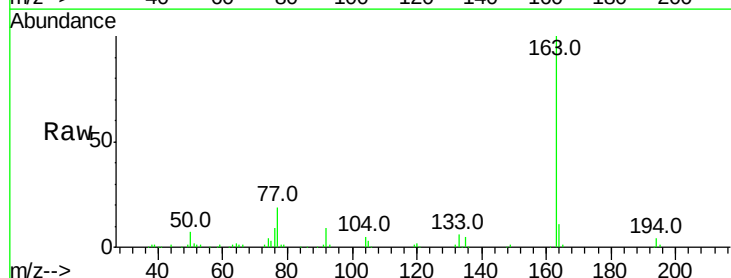
Instrument :
BNA_G
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SW-02(18-20)

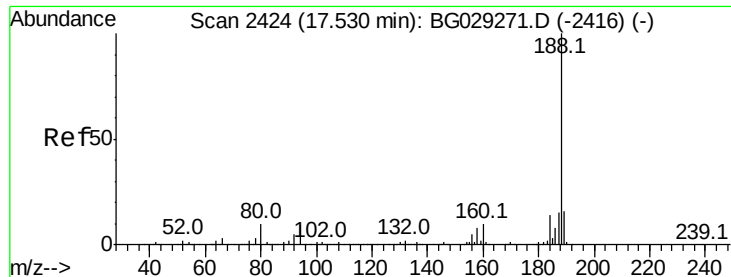
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	24.4	19.5	29.3



#49
Dimethylphthalate
Concen: 6.768 ng
RT: 14.22 min Scan# 1860
Delta R.T. -0.02 min
Lab File: BG030615.D
Acq: 31 Oct 2017 16:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	10.9	8.2	12.4

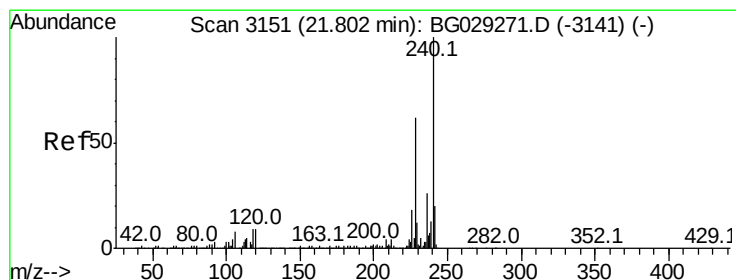
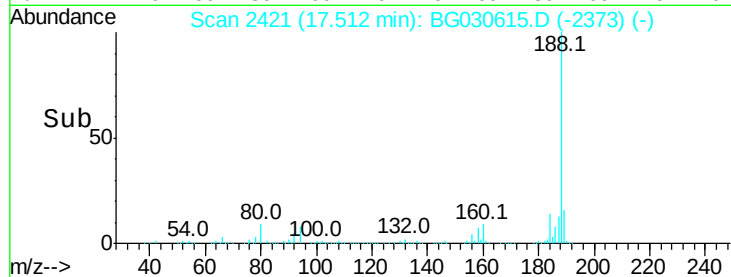
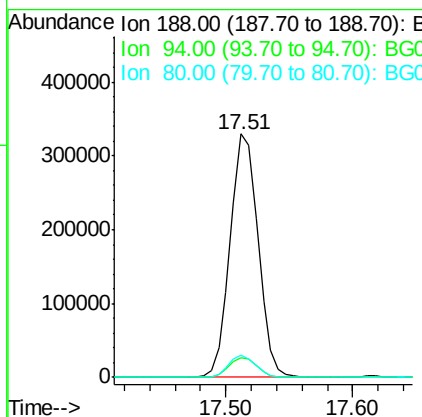
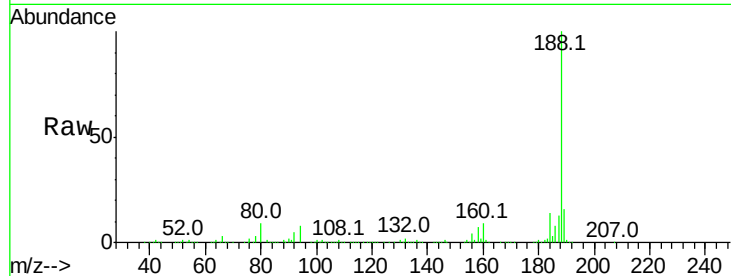




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG030615.D
Acq: 31 Oct 2017 16:50

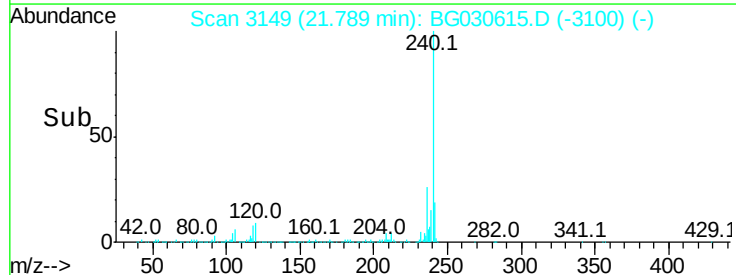
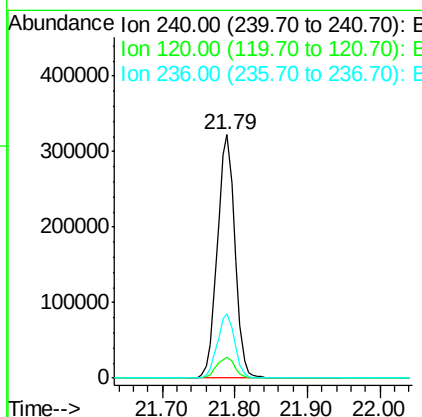
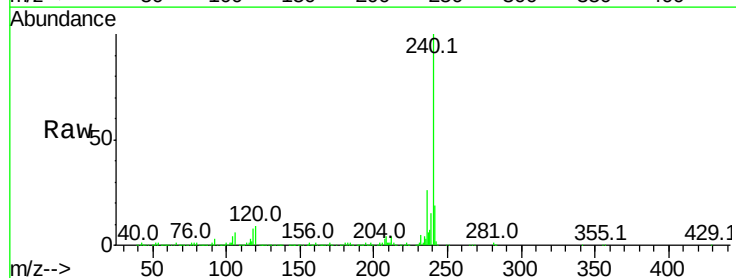
Instrument :
BNA_G
ClientSampleId :
SW-02(18-20)

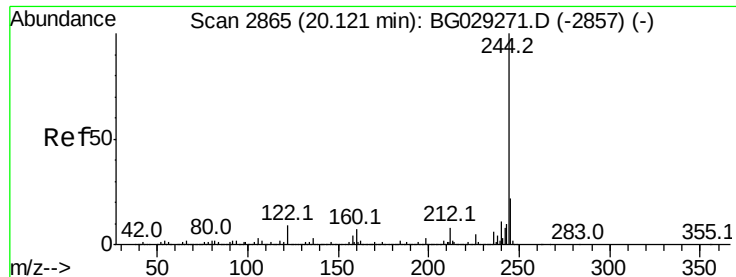
Tot Ion:188 Resp: 501682
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG030615.D
Acq: 31 Oct 2017 16:50

Tgt Ion:240 Resp: 540978
Ion Ratio Lower Upper
240 100
120 8.8 6.8 10.2
236 26.4 20.9 31.3





#78

Terphenyl-d14

Concen: 50.886 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BG030615.D

Acq: 31 Oct 2017 16:50

Instrument :

BNA_G

ClientSampleId :

SW-02(18-20)

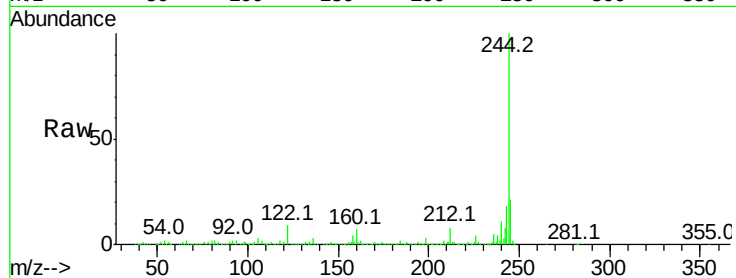
Tot Ion:244 Resp: 1210076

Ion Ratio Lower Upper

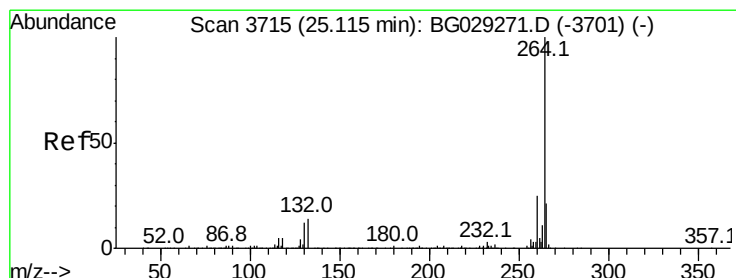
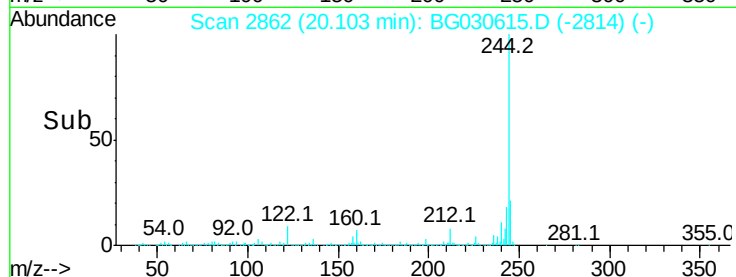
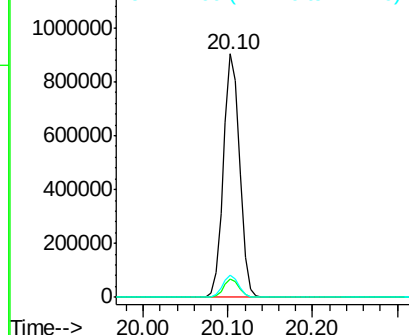
244 100

212 7.7 5.8 8.8

122 8.9 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: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG030615.D

Acq: 31 Oct 2017 16:50

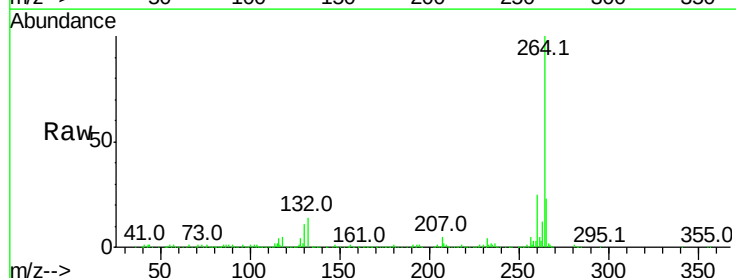
Tgt Ion:264 Resp: 538710

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 22.9 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

