

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112917\
 Data File : BG031276.D
 Acq On : 29 Nov 2017 18:30
 Operator : SJ/JU
 Sample : I6302-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 30 03:08:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

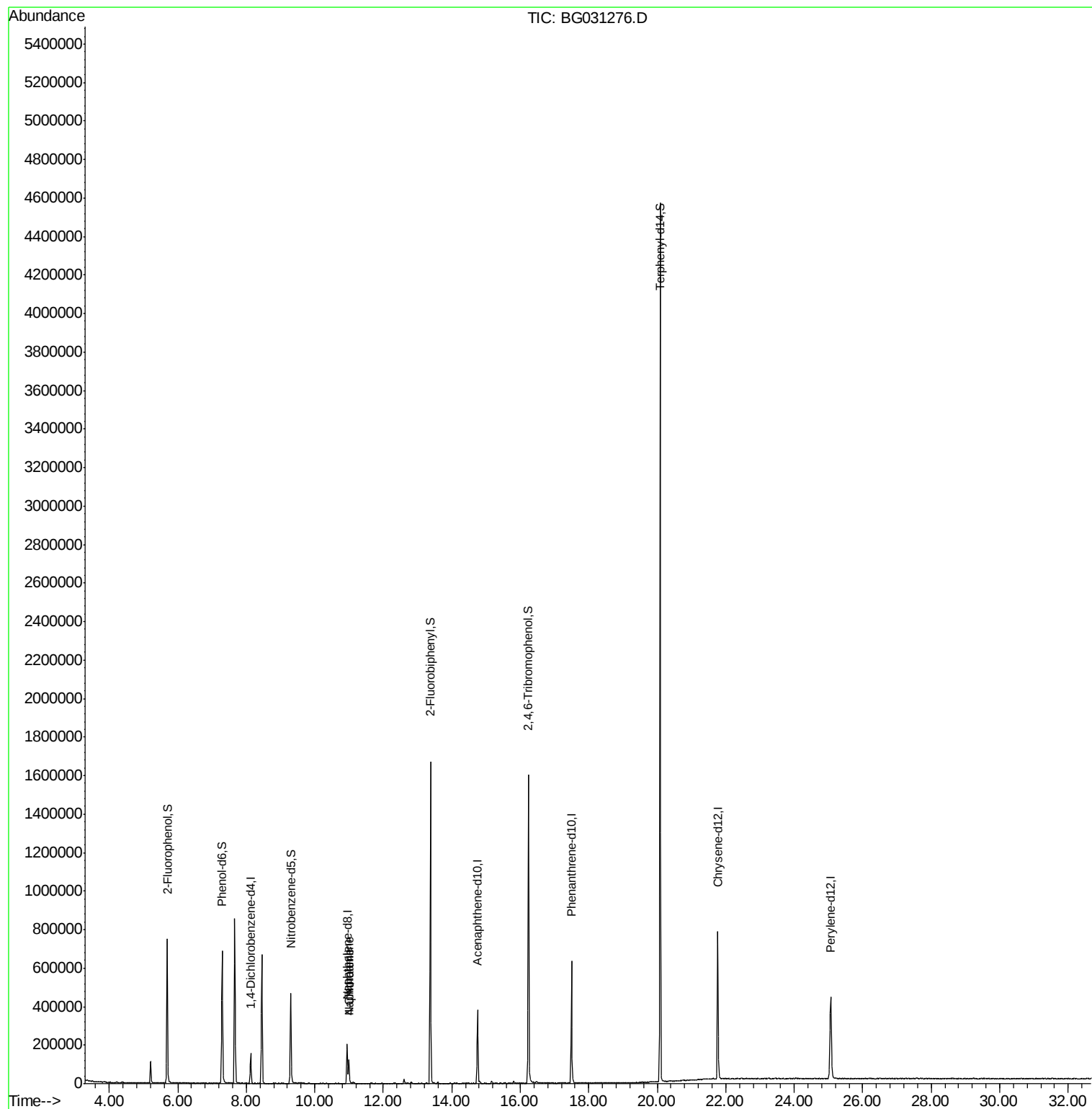
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	46227	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	205124	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	148113	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	438040	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	513348	20.00	ng	-0.02
86) Perylene-d12	25.06	264	492454	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	388574	144.14	ng	-0.02
7) Phenol-d6	7.30	99	468581	129.02	ng	-0.01
23) Nitrobenzene-d5	9.29	82	329393	95.16	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	338716	141.37	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	994891	96.52	ng	-0.02
78) Terphenyl-d14	20.09	244	2212048	95.15	ng	-0.01
Target Compounds						
31) Naphthalene	11.00	128	120496	11.95	ng	Qvalue 99
33) 4-Chloroaniline	11.00	127	16385	3.71	ng	# 42

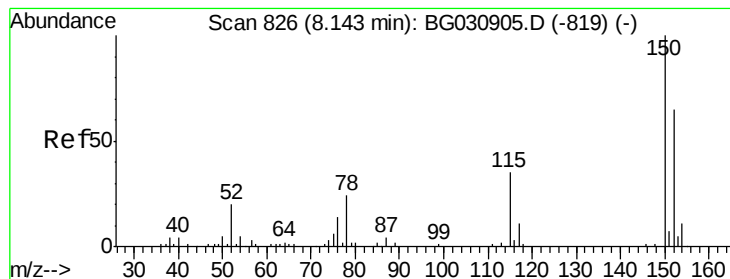
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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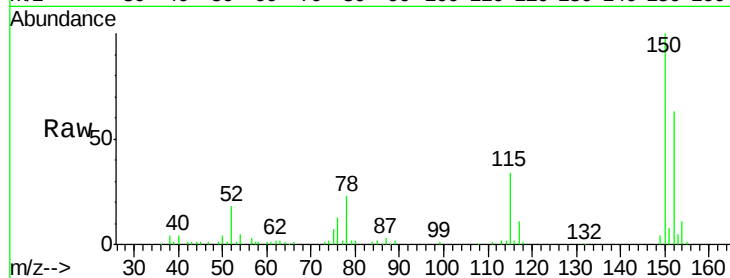


#1

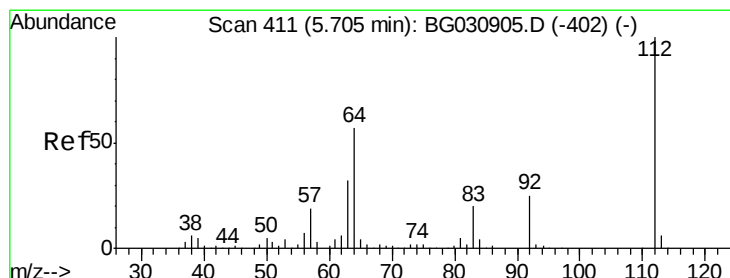
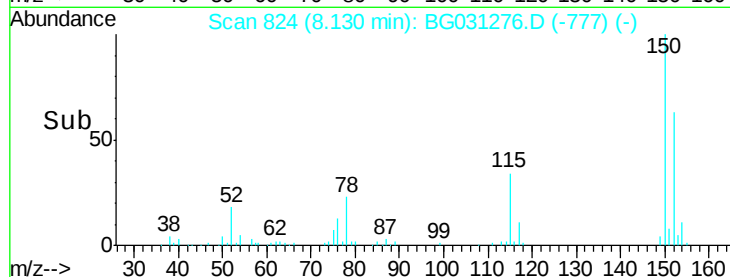
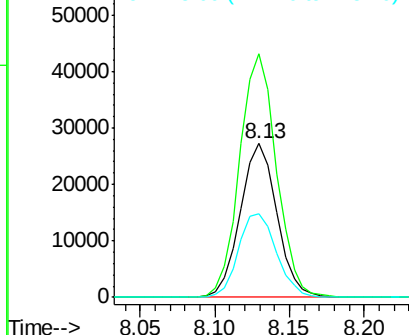
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031276.D
Acq: 29 Nov 2017 18:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.6	189.8
115	54.4	53.0	79.4



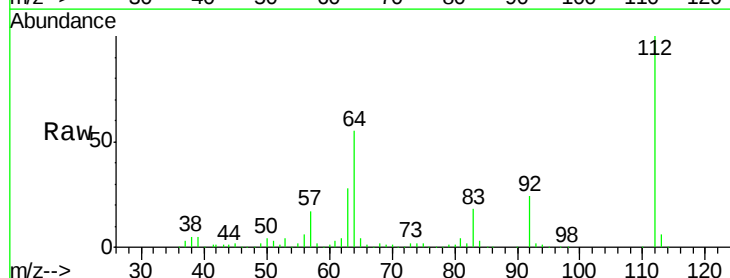
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



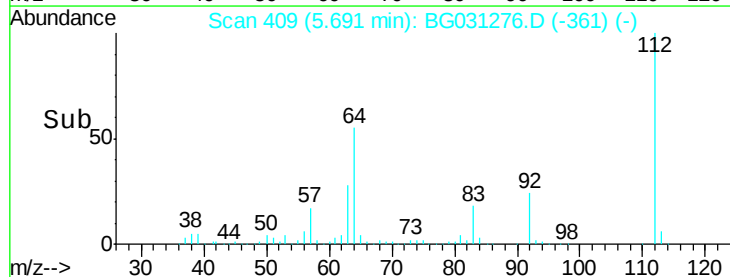
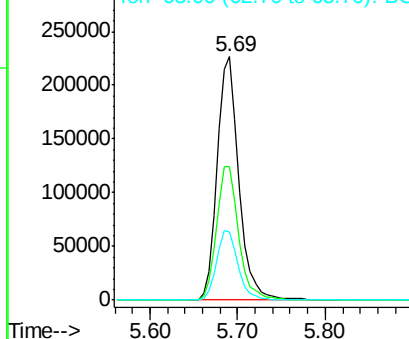
#5

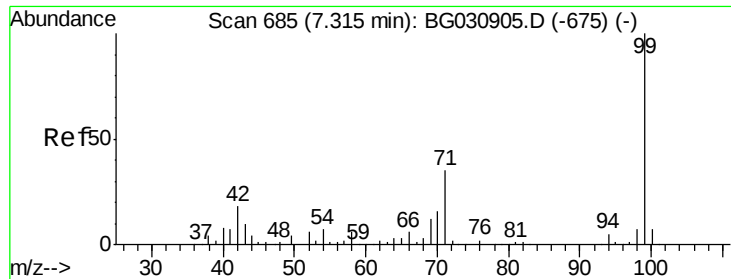
2-Fluorophenol
Concen: 144.14 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031276.D
Acq: 29 Nov 2017 18:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	56.3	84.5#
63	28.3	30.1	45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 129.02 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031276.D

Acq: 29 Nov 2017 18:30

Instrument :

BNA_G

ClientSampleId :

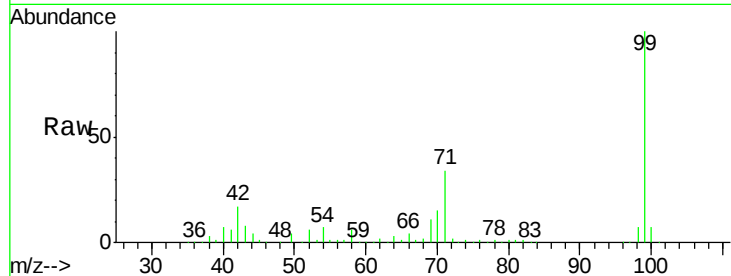
Tot Ion: 99 Resp: 468581

Ion Ratio Lower Upper

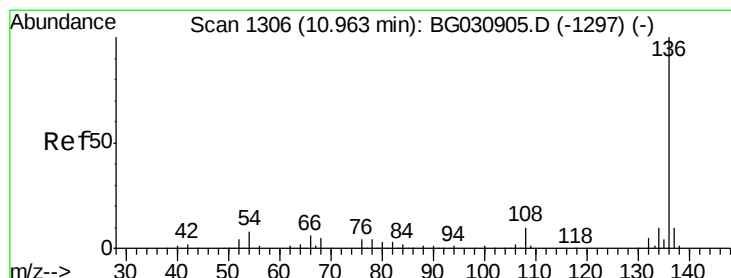
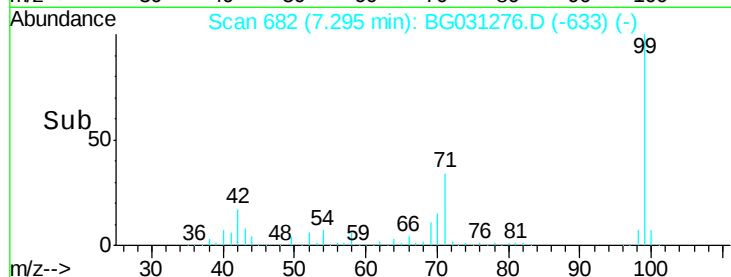
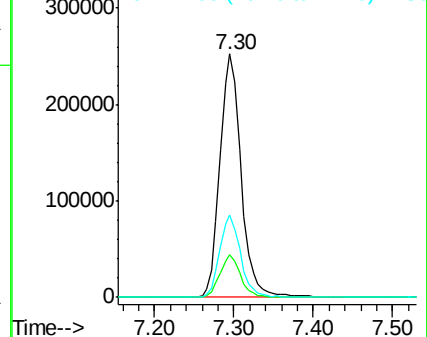
99 100

42 17.4 14.1 21.1

71 33.9 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: 20.00 ng

RT: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031276.D

Acq: 29 Nov 2017 18:30

Tgt Ion: 136 Resp: 205124

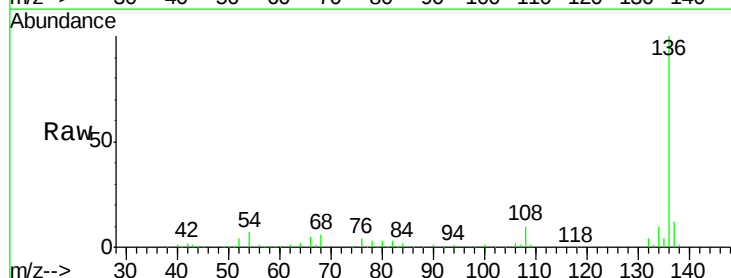
Ion Ratio Lower Upper

136 100

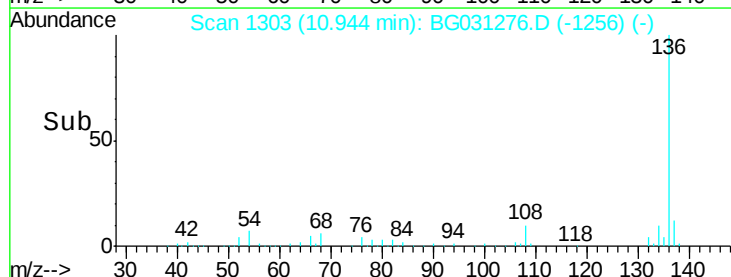
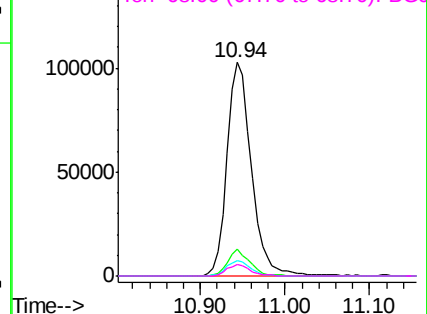
137 12.3 9.2 13.8

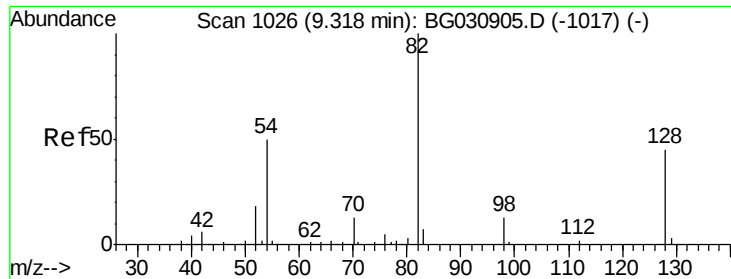
54 7.3 10.3 15.5#

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

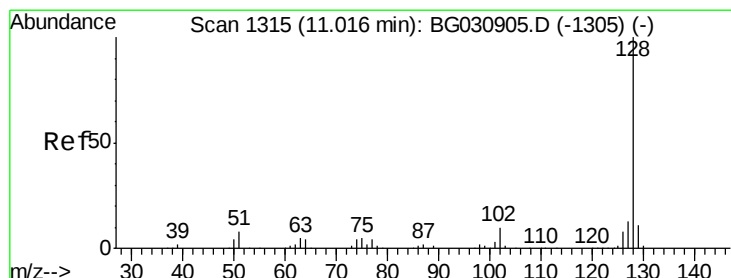
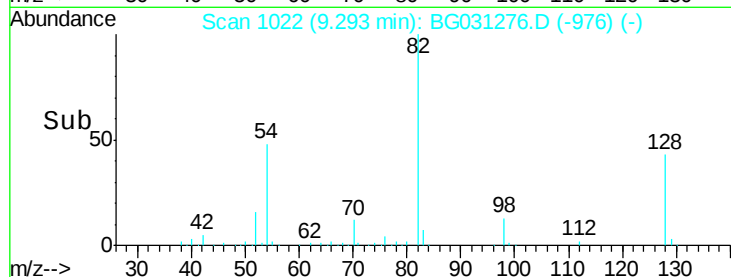
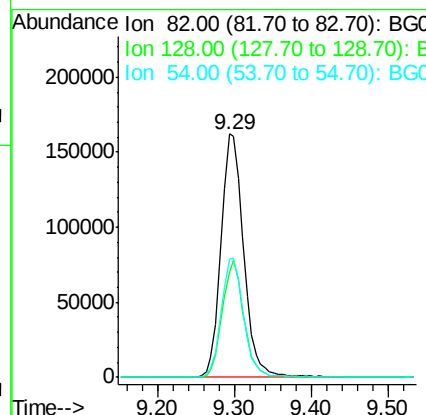
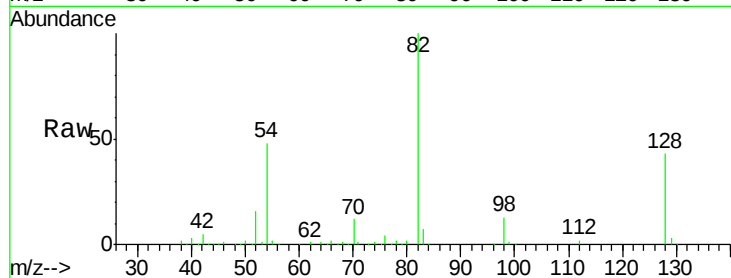




#23
 Nitrobenzene-d5
 Concen: 95.16 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BG031276.D
 Acq: 29 Nov 2017 18:30

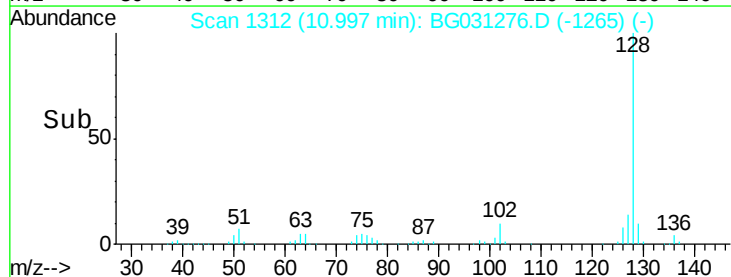
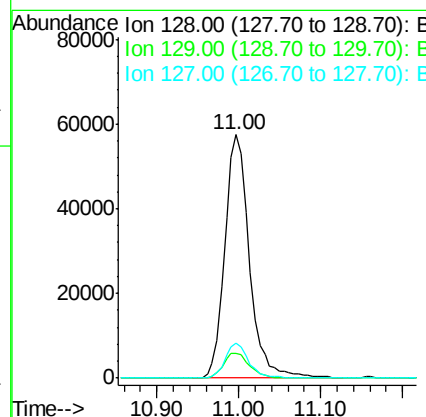
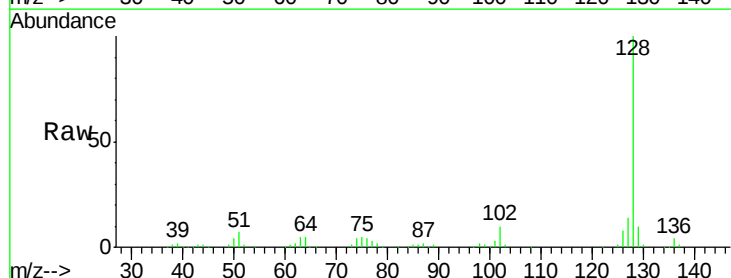
Instrument :
 BNA_G
 ClientSampled :

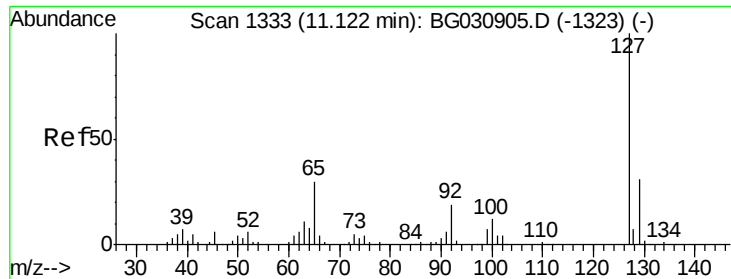
Tot Ion	82	Resp	329393
Ion Ratio	100	Lower	Upper
128	43.2	29.7	44.5
54	48.3	43.1	64.7



#31
 Naphthalene
 Concen: 11.95 ng
 RT: 11.00 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BG031276.D
 Acq: 29 Nov 2017 18:30

Tgt Ion	128	Resp	120496
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
129	9.9	8.6	12.8
127	14.3	11.6	17.4

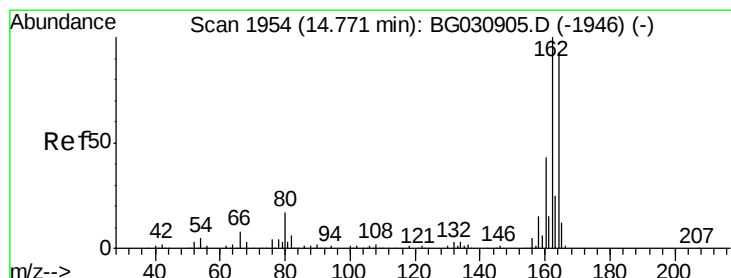
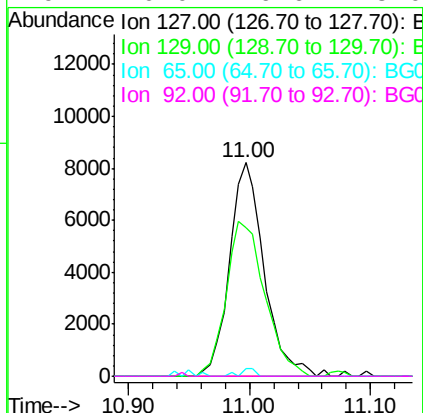
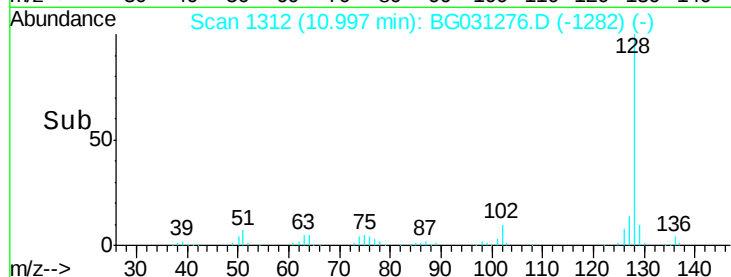
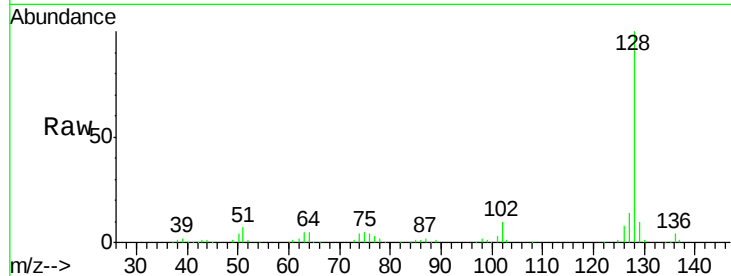




#33
4-Chloroaniline
Concen: 3.71 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.12 min
Lab File: BG031276.D
Acq: 29 Nov 2017 18:30

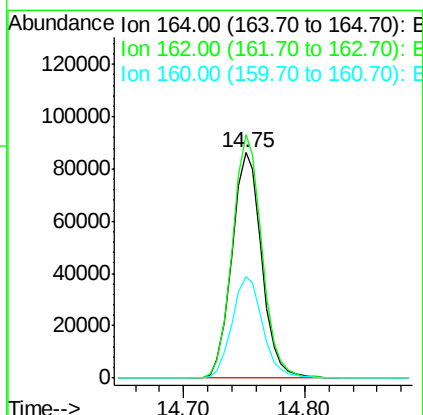
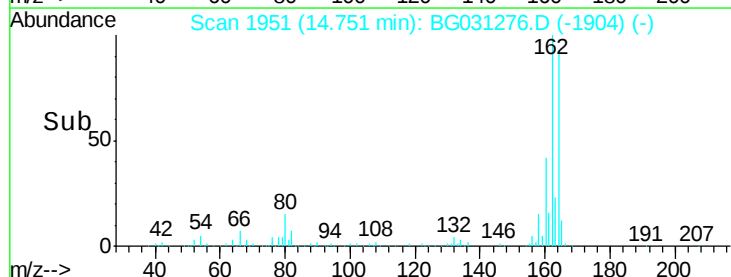
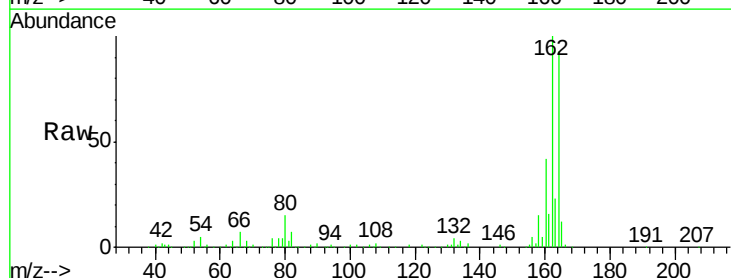
Instrument :
BNA_G
ClientSampleId :

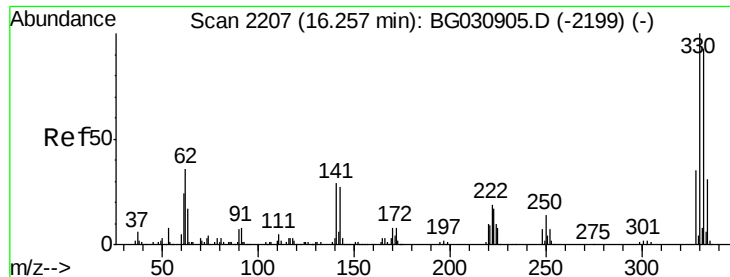
Tot Ion:127	Resp:	16385
Ion Ratio	Lower	Upper
127	100	
129	69.5	24.0 36.0#
65	3.4	27.0 40.4#
92	0.0	16.6 25.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031276.D
Acq: 29 Nov 2017 18:30

Tgt Ion:164	Resp:	148113
Ion Ratio	Lower	Upper
164	100	
162	108.0	78.8 118.2
160	45.3	35.4 53.0

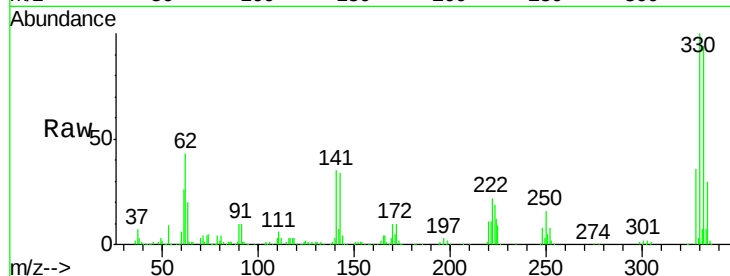




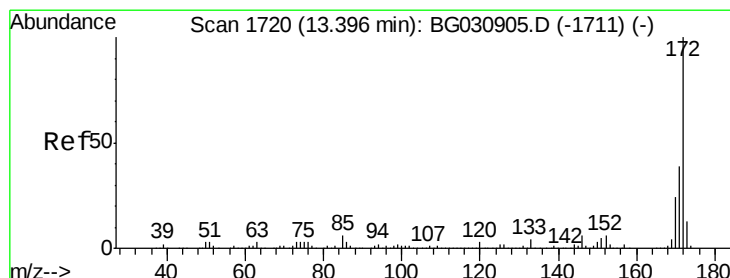
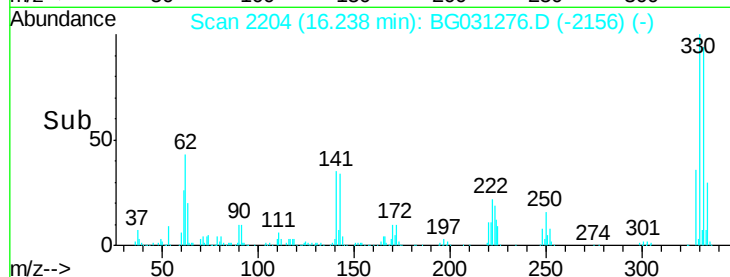
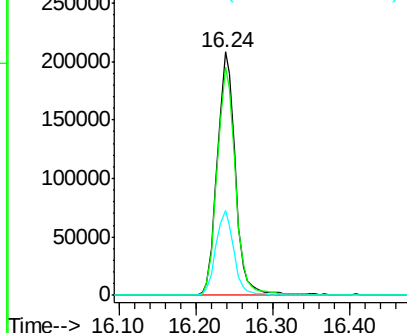
#41
 2,4,6-Tribromophenol
 Concen: 141.37 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031276.D
 Acq: 29 Nov 2017 18:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	34.2	25.2	37.8

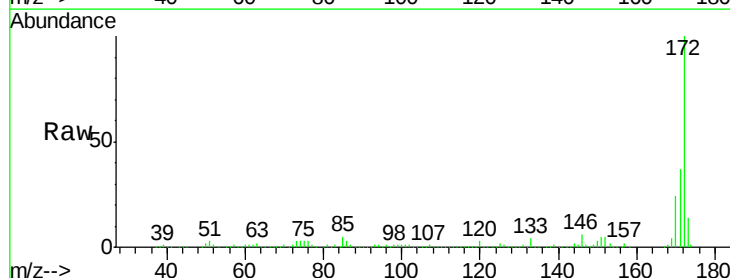


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

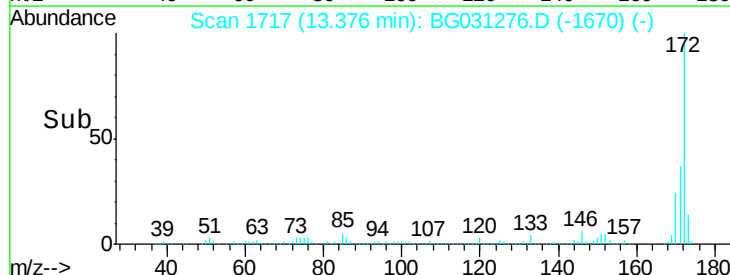
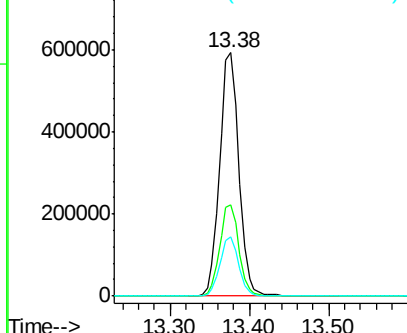


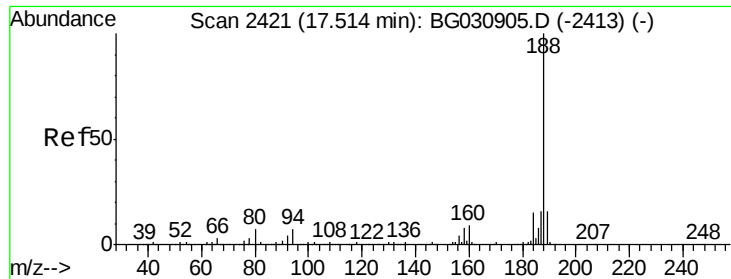
#44
 2-Fluorobiphenyl
 Concen: 96.52 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031276.D
 Acq: 29 Nov 2017 18:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.1	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

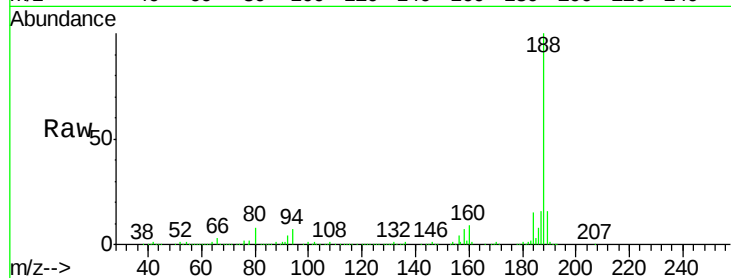




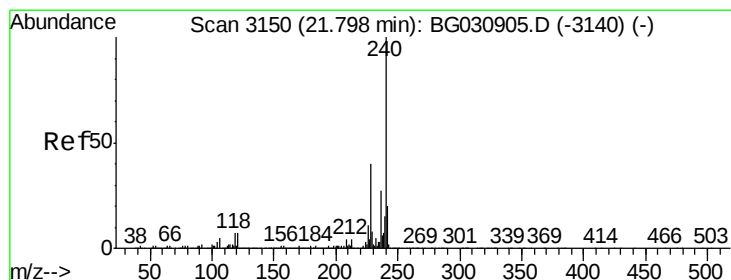
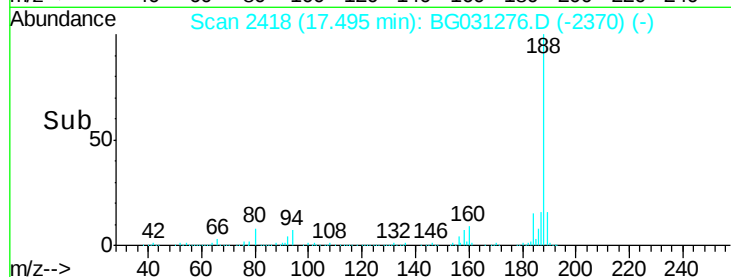
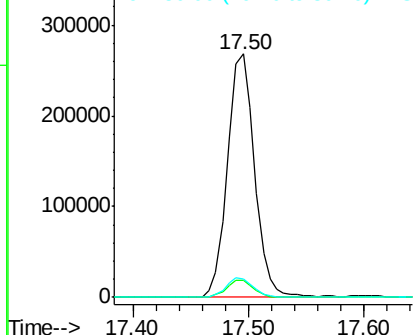
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031276.D
Acq: 29 Nov 2017 18:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 438040
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 7.8 7.7 11.5

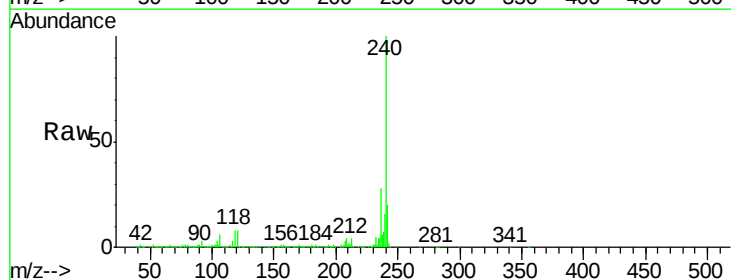


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

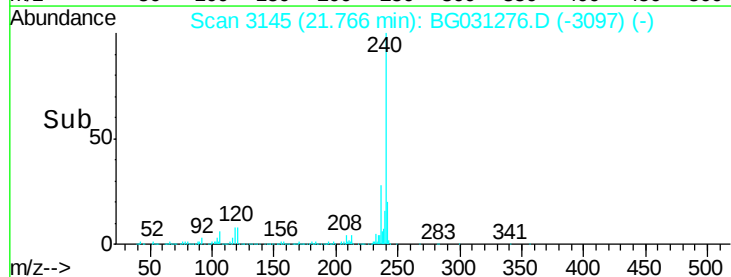
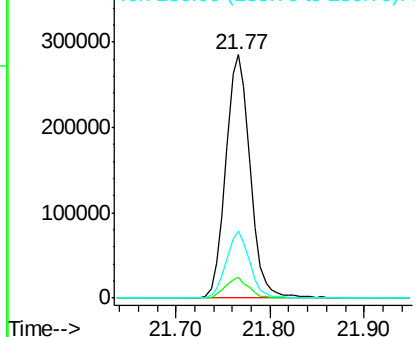


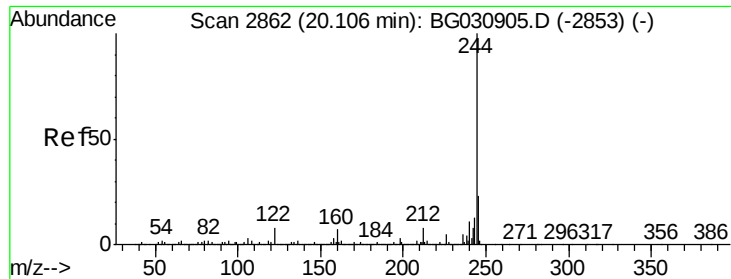
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031276.D
Acq: 29 Nov 2017 18:30

Tgt Ion:240 Resp: 513348
Ion Ratio Lower Upper
240 100
120 8.4 6.8 10.2
236 27.5 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





#78

Terphenyl-d14

Concen: 95.15 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031276.D

Acq: 29 Nov 2017 18:30

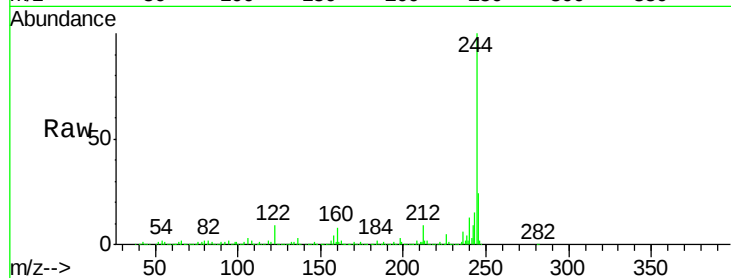
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2212048

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	8.7	7.0	10.4

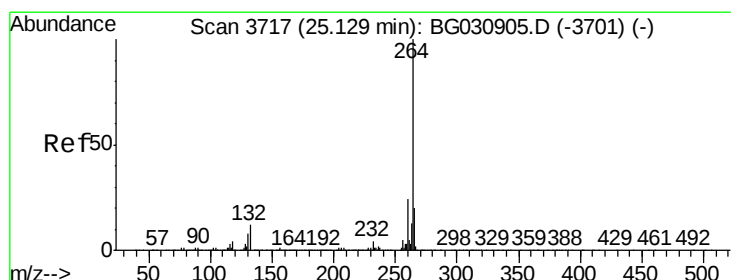
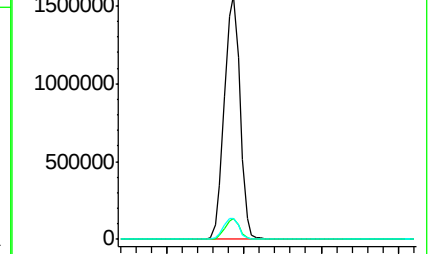
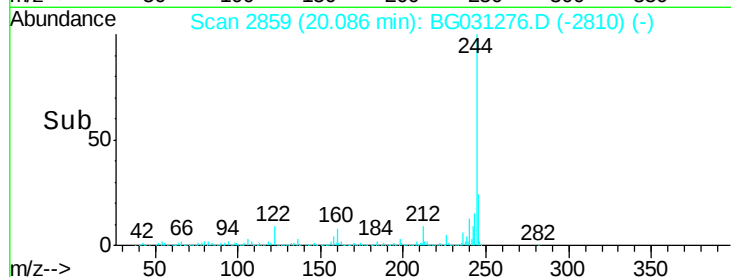


Abundance

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: 20.00 ng

RT: 25.06 min Scan# 3706

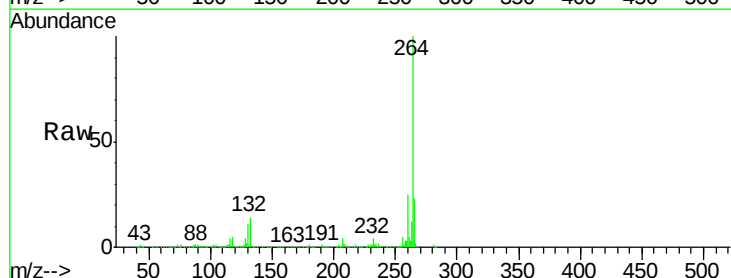
Delta R.T. -0.03 min

Lab File: BG031276.D

Acq: 29 Nov 2017 18:30

Tgt Ion:264 Resp: 492454

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	23.0	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

