

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
 Data File : BG032595.D
 Acq On : 7 Feb 2018 15:56
 Operator : SJ/JU
 Sample : J1461-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH

Quant Time: Feb 08 11:03:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

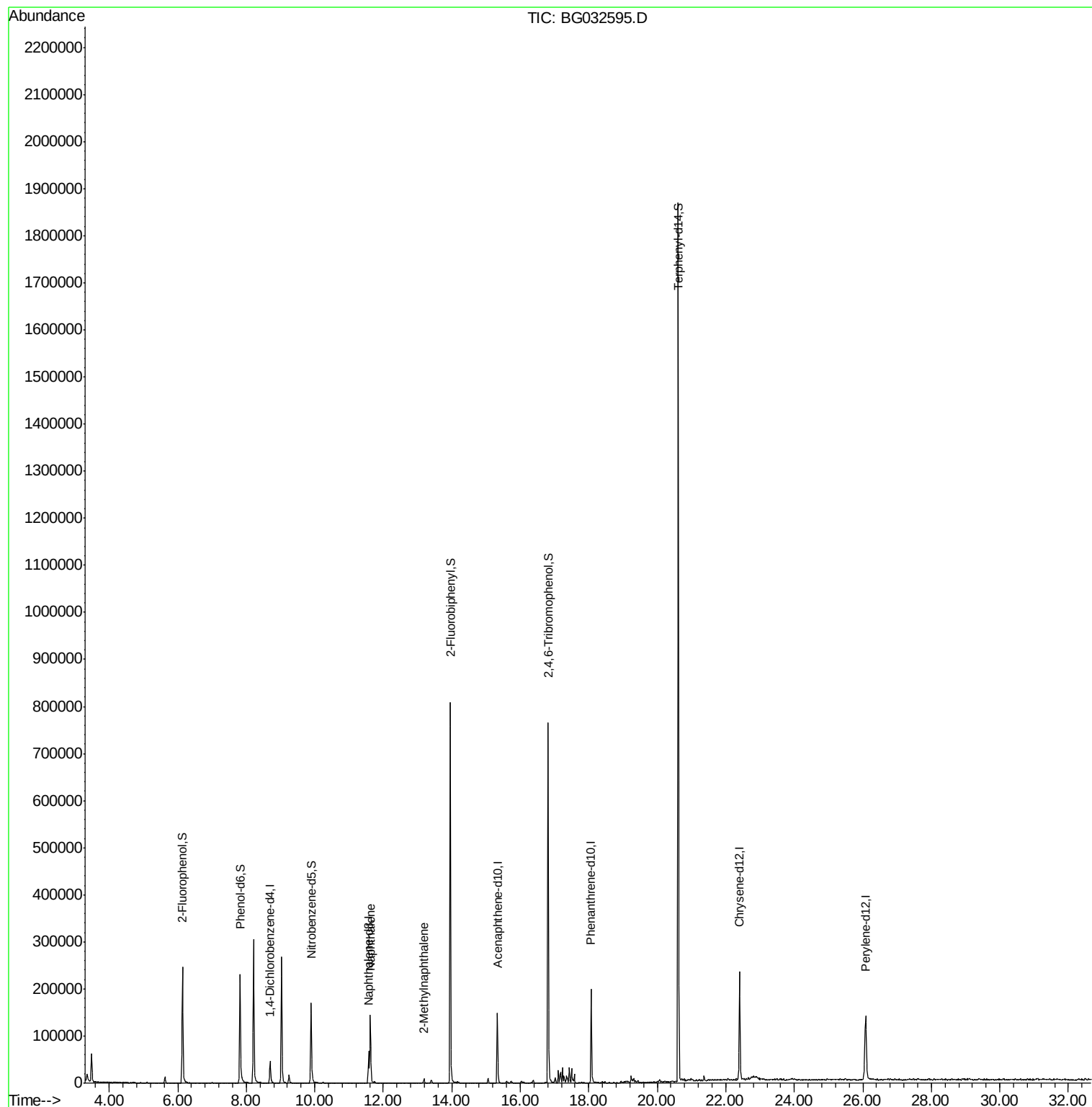
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	18296	20.00	ng	-0.01
21) Naphthalene-d8	11.57	136	74905	20.00	ng	-0.01
38) Acenaphthene-d10	15.33	164	60340	20.00	ng	-0.01
63) Phenanthrene-d10	18.07	188	148603	20.00	ng	0.00
75) Chrysene-d12	22.40	240	184904	20.00	ng	0.00
86) Perylene-d12	26.08	264	199132	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	133173	146.20	ng	0.00
7) Phenol-d6	7.82	99	165991	136.56	ng	0.00
23) Nitrobenzene-d5	9.89	82	118383	98.72	ng	-0.02
41) 2,4,6-Tribromophenol	16.81	330	194680	169.50	ng	0.00
44) 2-Fluorobiphenyl	13.96	172	498747	98.24	ng	-0.01
78) Terphenyl-d14	20.61	244	1018364	117.98	ng	0.00
Target Compounds						
31) Naphthalene	11.62	128	147541	40.329	ng	99
37) 2-Methylnaphthalene	13.19	142	7802	2.538	ng	88

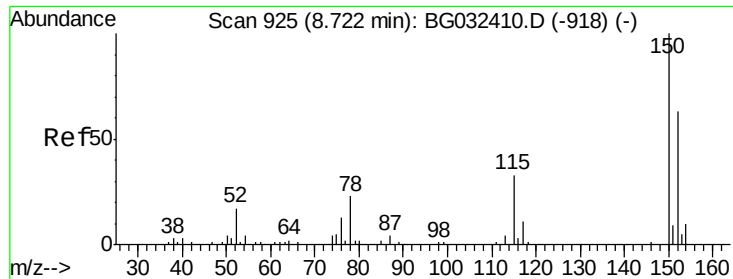
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
Data File : BG032595.D
Acq On : 7 Feb 2018 15:56
Operator : SJ/JU
Sample : J1461-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Quant Time: Feb 08 11:03:22 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration



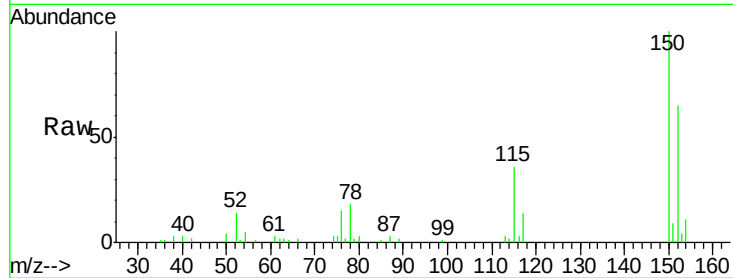


#1

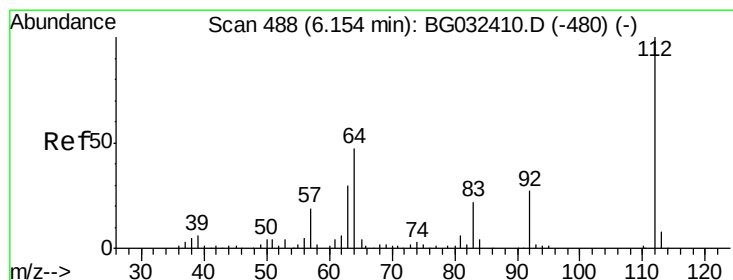
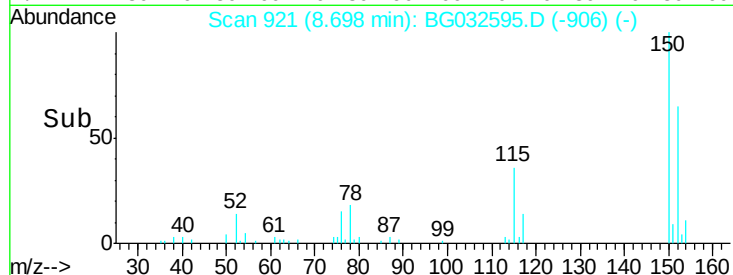
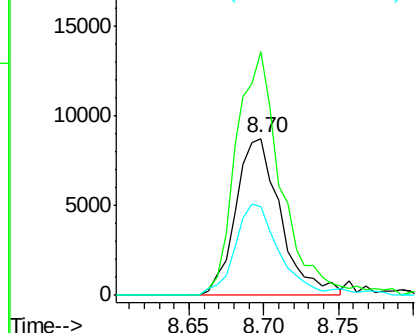
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.70 min Scan# 921
Delta R.T. -0.01 min
Lab File: BG032595.D
Acq: 7 Feb 2018 15:56

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tot Ion:152 Resp: 18296
Ion Ratio Lower Upper
152 100
150 154.9 126.6 189.8
115 56.3 53.0 79.4



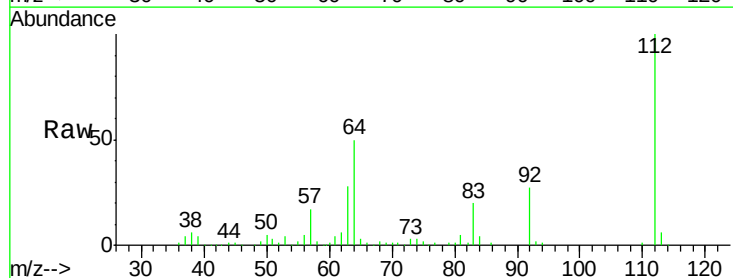
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



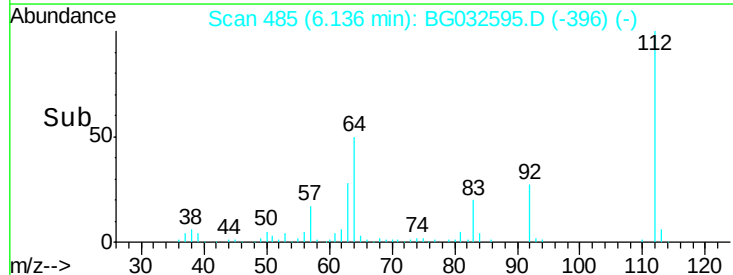
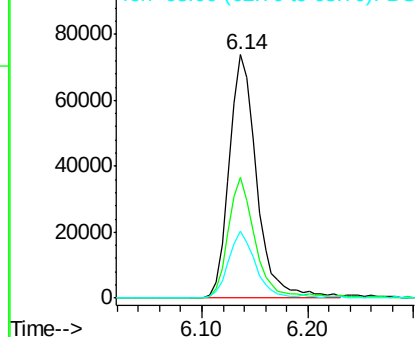
#5

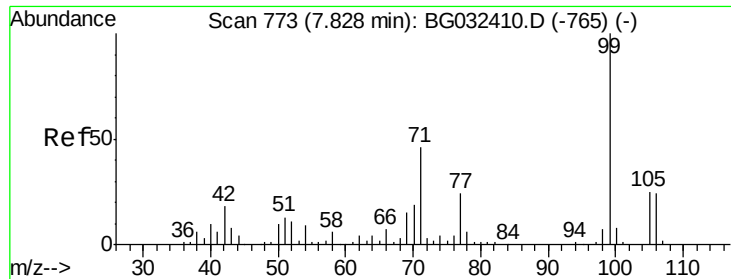
2-Fluorophenol
Concen: 146.199 ng
RT: 6.14 min Scan# 485
Delta R.T. -0.01 min
Lab File: BG032595.D
Acq: 7 Feb 2018 15:56

Tgt Ion:112 Resp: 133173
Ion Ratio Lower Upper
112 100
64 49.8 56.3 84.5#
63 27.6 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: 136.559 ng

RT: 7.82 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG032595.D

Acq: 7 Feb 2018 15:56

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

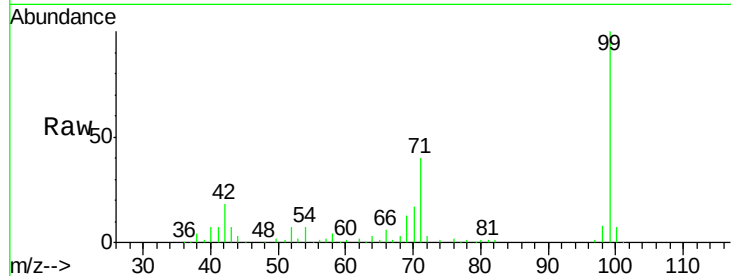
Tot Ion: 99 Resp: 165991

Ion Ratio Lower Upper

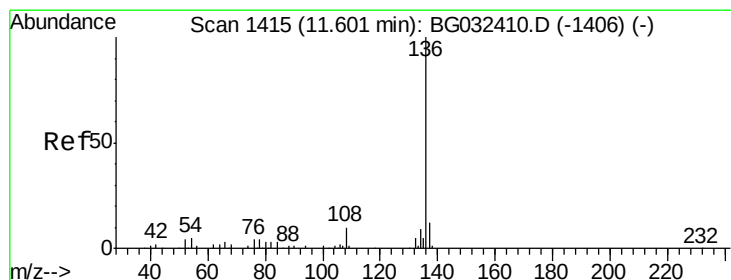
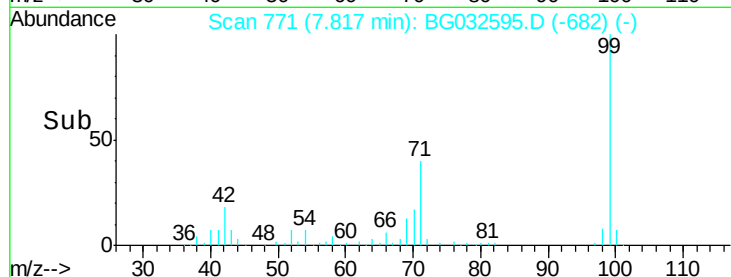
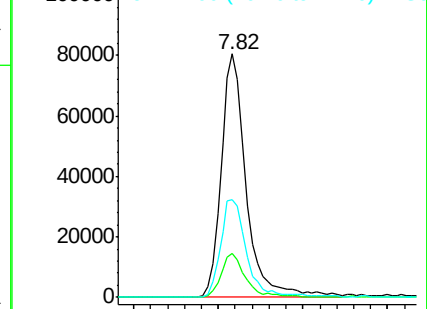
99 100

42 18.2 14.1 21.1

71 39.9 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: 11.57 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BG032595.D

Acq: 7 Feb 2018 15:56

Tgt Ion: 136 Resp: 74905

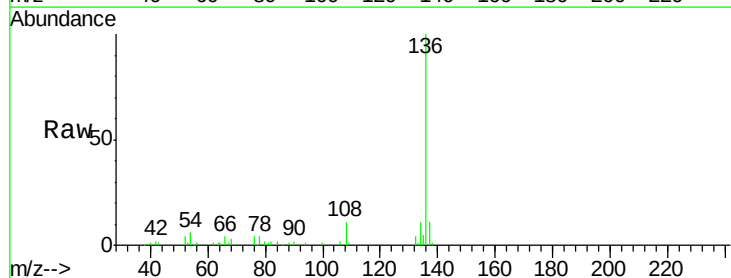
Ion Ratio Lower Upper

136 100

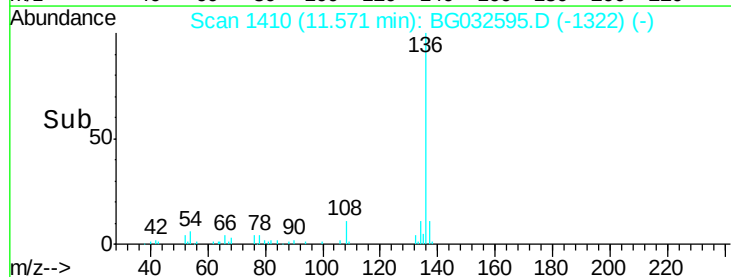
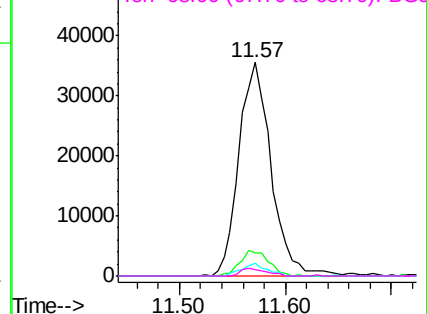
137 10.8 9.2 13.8

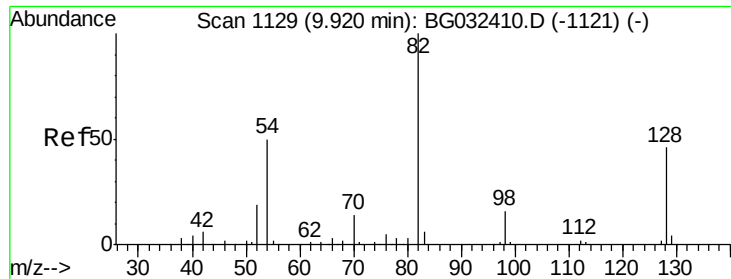
54 6.1 10.3 15.5#

68 2.8 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

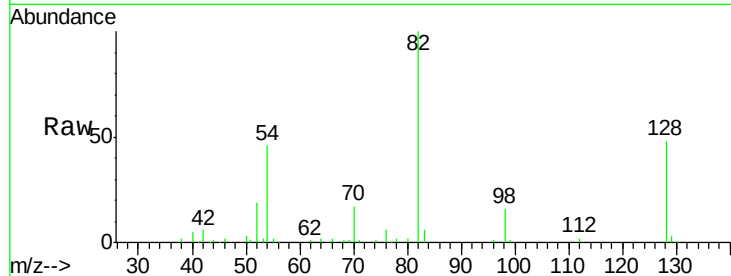




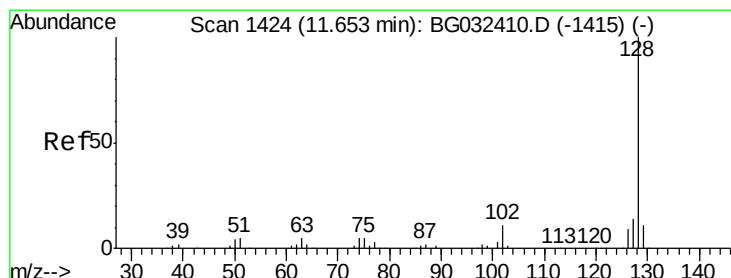
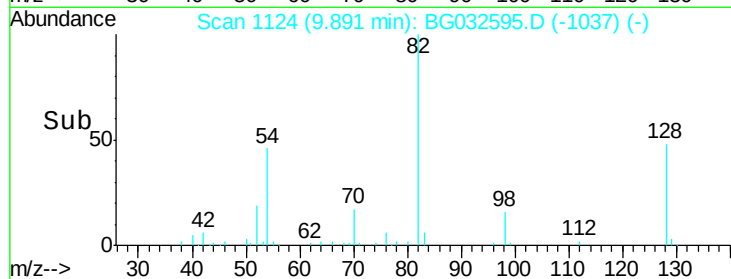
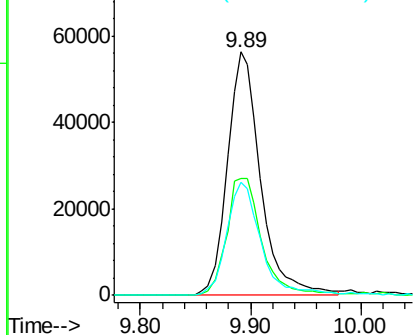
#23
 Nitrobenzene-d5
 Concen: 98.715 ng
 RT: 9.89 min Scan# 1124
 Delta R.T. -0.02 min
 Lab File: BG032595.D
 Acq: 7 Feb 2018 15:56

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH

Tot Ion	82	Resp	118383
Ion Ratio	100	Lower	Upper
128	47.8	29.7	44.5#
54	46.5	43.1	64.7

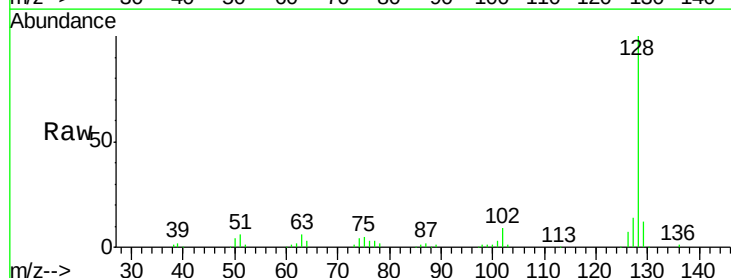


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

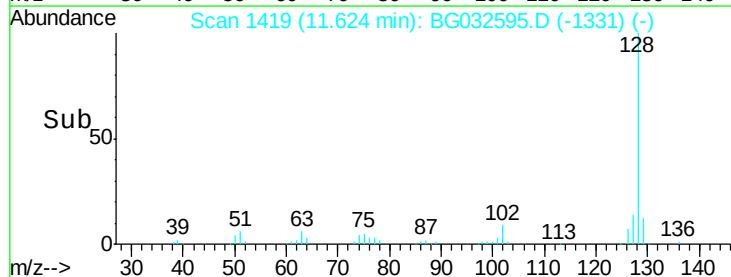
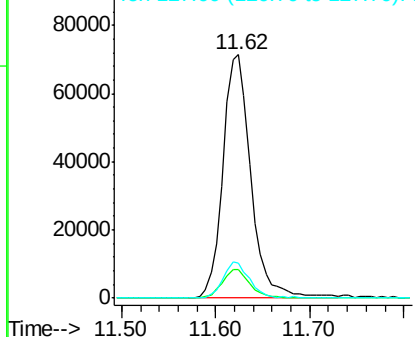


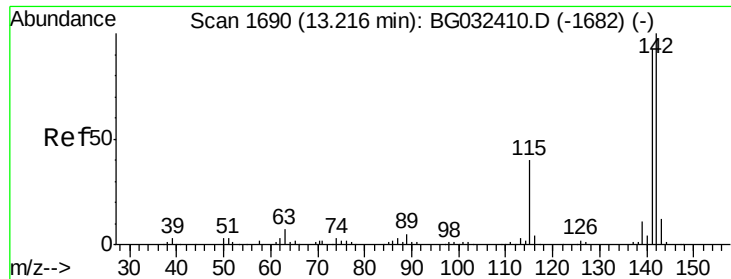
#31
 Naphthalene
 Concen: 40.329 ng
 RT: 11.62 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BG032595.D
 Acq: 7 Feb 2018 15:56

Tgt Ion	128	Resp	147541
Ion Ratio	100	Lower	Upper
129	11.6	8.6	12.8
127	14.5	11.6	17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC

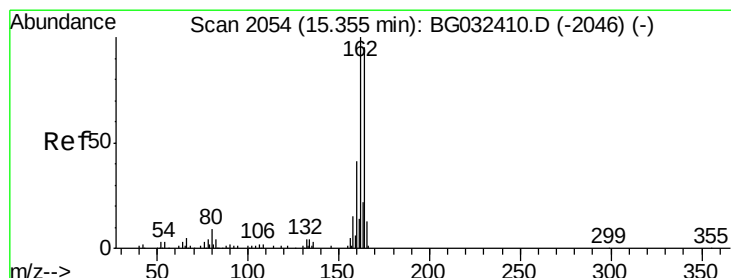
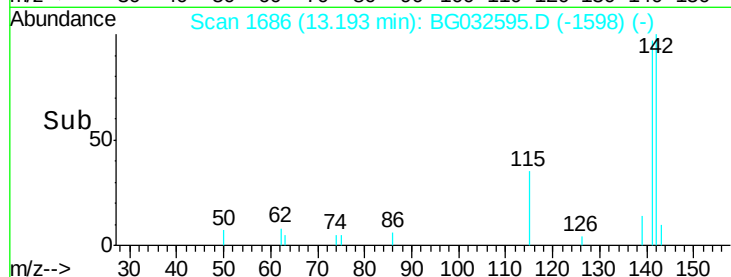
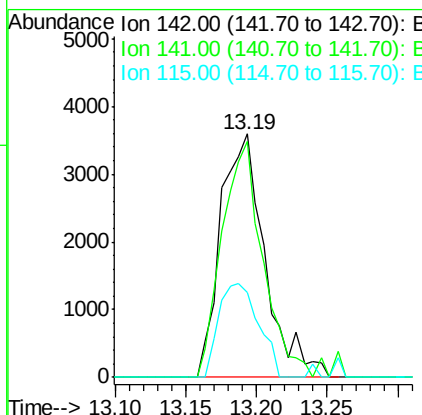
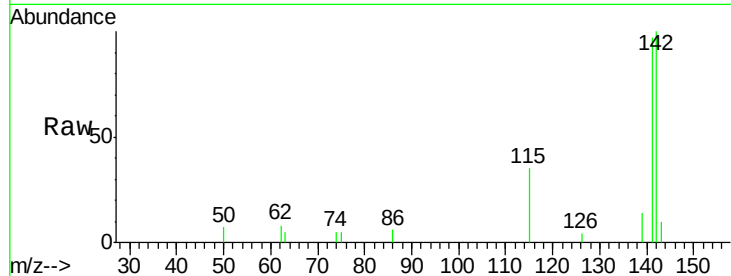




#37
2-Methylnaphthalene
Concen: 2.538 ng
RT: 13.19 min Scan# 1686
Delta R.T. -0.01 min
Lab File: BG032595.D
Acq: 7 Feb 2018 15:56

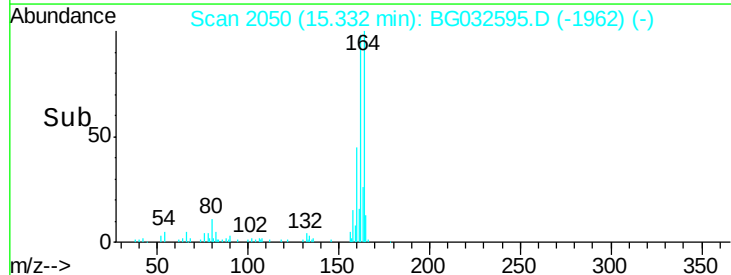
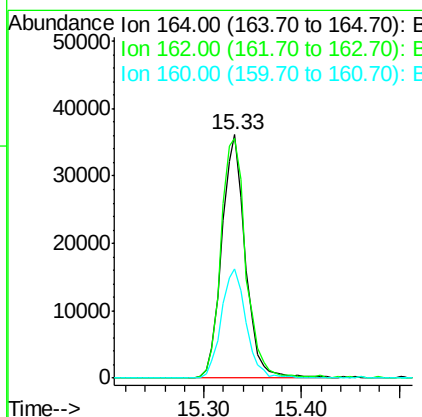
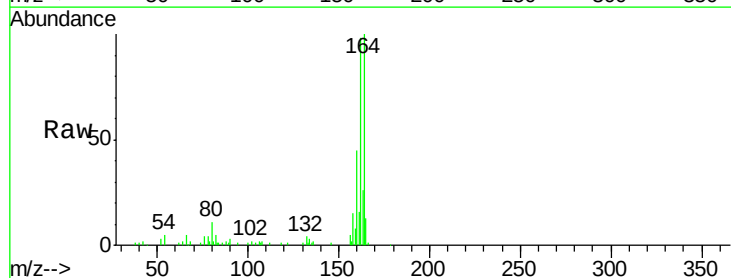
Instrument :
BNA_G
ClientSampleId :
BUS-WASH

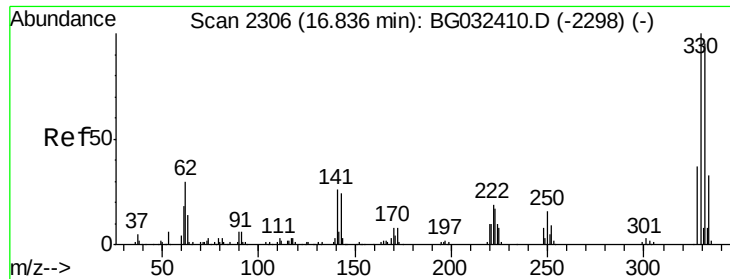
Tot Ion:142 Resp: 7802
Ion Ratio Lower Upper
142 100
141 97.0 67.1 100.7
115 34.7 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.33 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG032595.D
Acq: 7 Feb 2018 15:56

Tgt Ion:164 Resp: 60340
Ion Ratio Lower Upper
164 100
162 98.5 78.8 118.2
160 45.0 35.4 53.0

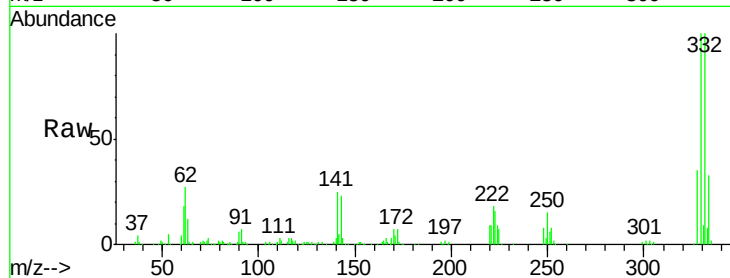




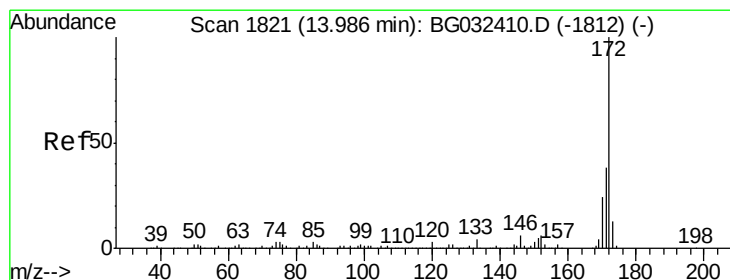
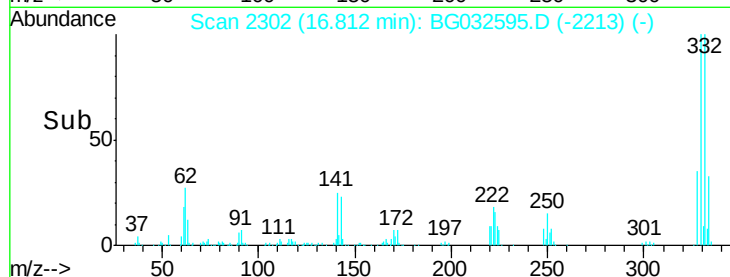
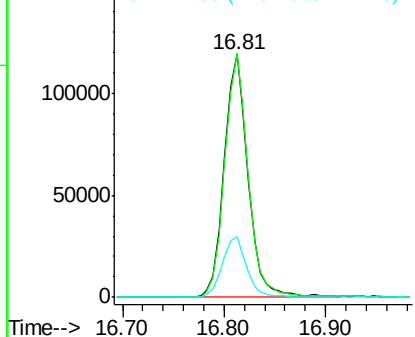
#41
 2,4,6-Tribromophenol
 Concen: 169.497 ng
 RT: 16.81 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG032595.D
 Acq: 7 Feb 2018 15:56

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.6
141	26.0	25.2	37.8

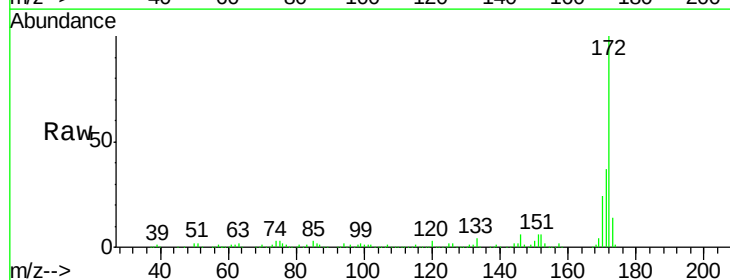


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

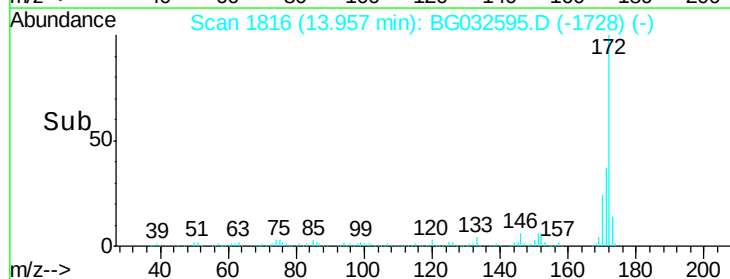
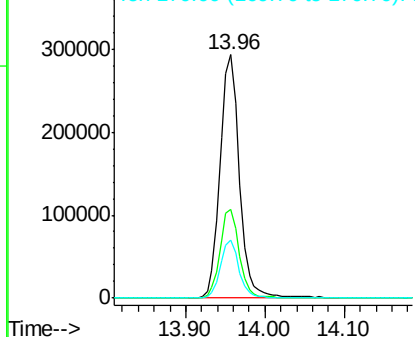


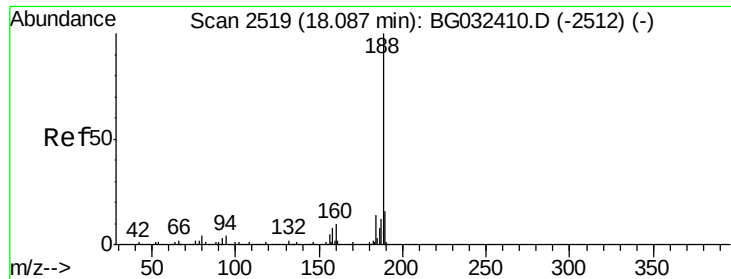
#44
 2-Fluorobiphenyl
 Concen: 98.242 ng
 RT: 13.96 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG032595.D
 Acq: 7 Feb 2018 15:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	23.8	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

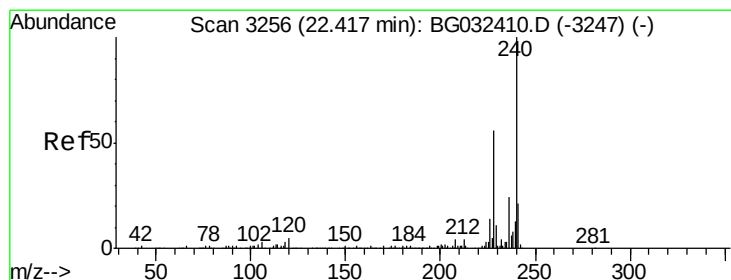
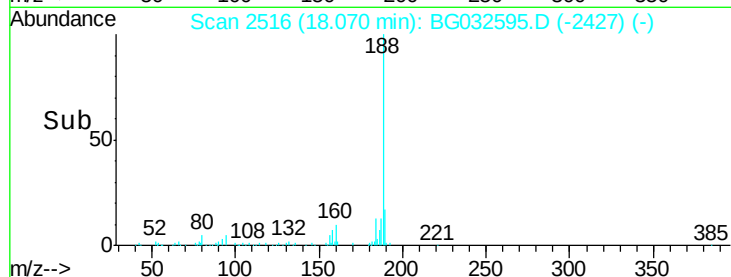
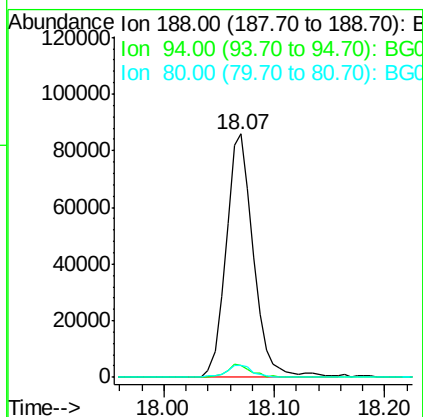
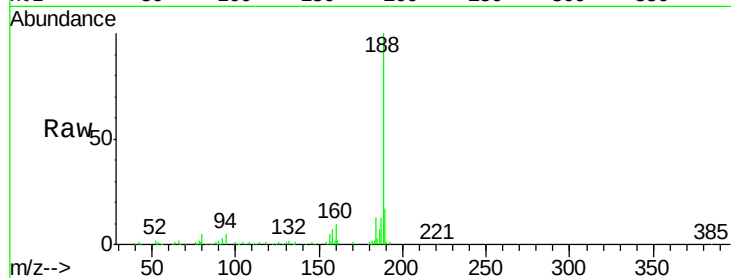




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.07 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG032595.D
Acq: 7 Feb 2018 15:56

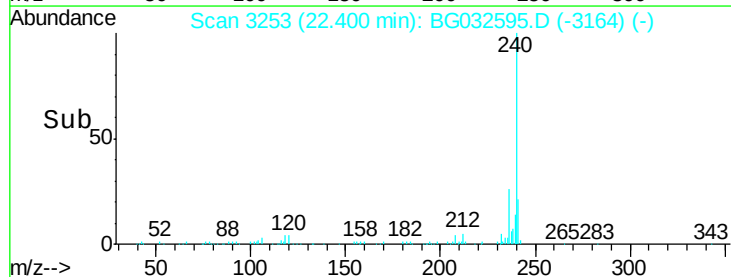
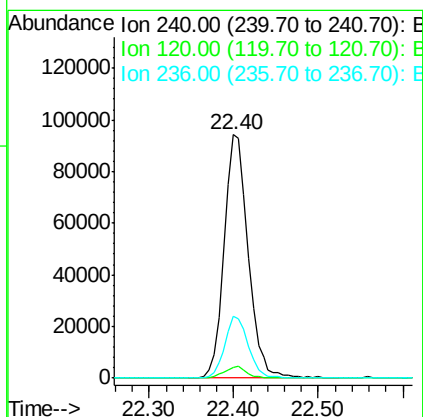
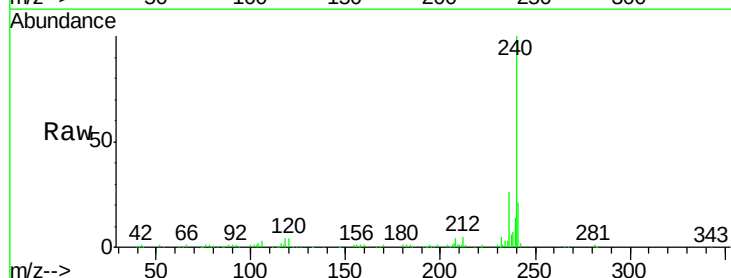
Instrument :
BNA_G
ClientSampleId :
BUS-WASH

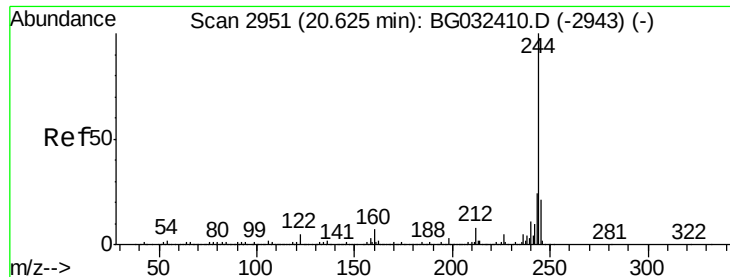
Tot Ion:188 Resp: 148603
Ion Ratio Lower Upper
188 100
94 4.7 6.9 10.3#
80 5.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.01 min
Lab File: BG032595.D
Acq: 7 Feb 2018 15:56

Tgt Ion:240 Resp: 184904
Ion Ratio Lower Upper
240 100
120 4.5 6.8 10.2#
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 117.976 ng

RT: 20.61 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BG032595.D

Acq: 7 Feb 2018 15:56

Instrument :

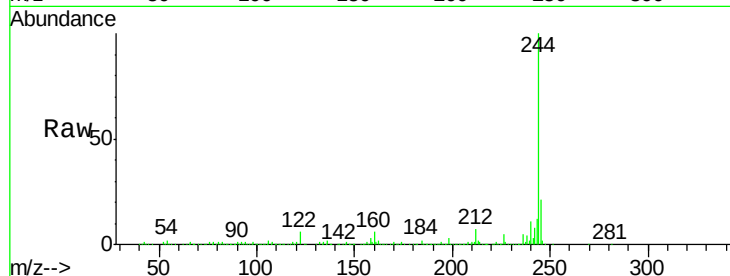
BNA_G

ClientSampleId :

BUS-WASH

Tot Ion:244 Resp: 1018364

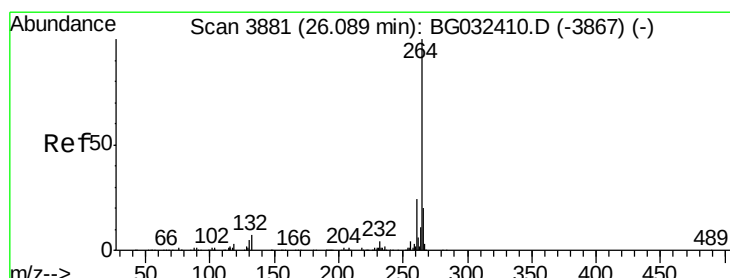
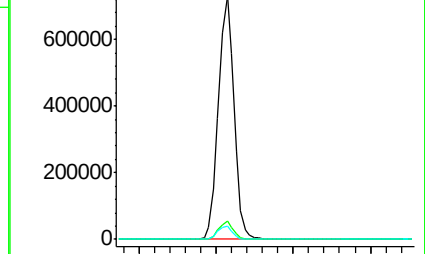
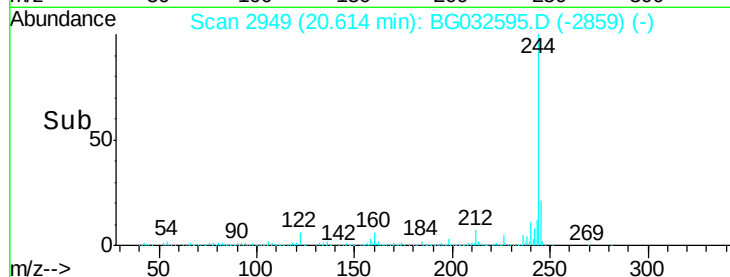
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	5.5	7.0	10.4



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: 26.08 min Scan# 3880

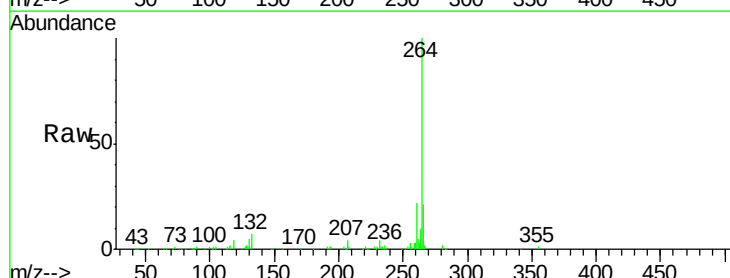
Delta R.T. 0.02 min

Lab File: BG032595.D

Acq: 7 Feb 2018 15:56

Tgt Ion:264 Resp: 199132

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	20.6	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

