

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032486.D
 Acq On : 1 Feb 2018 9:31
 Operator : SJ/JU
 Sample : J1377-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STONE

Quant Time: Feb 01 10:33:10 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

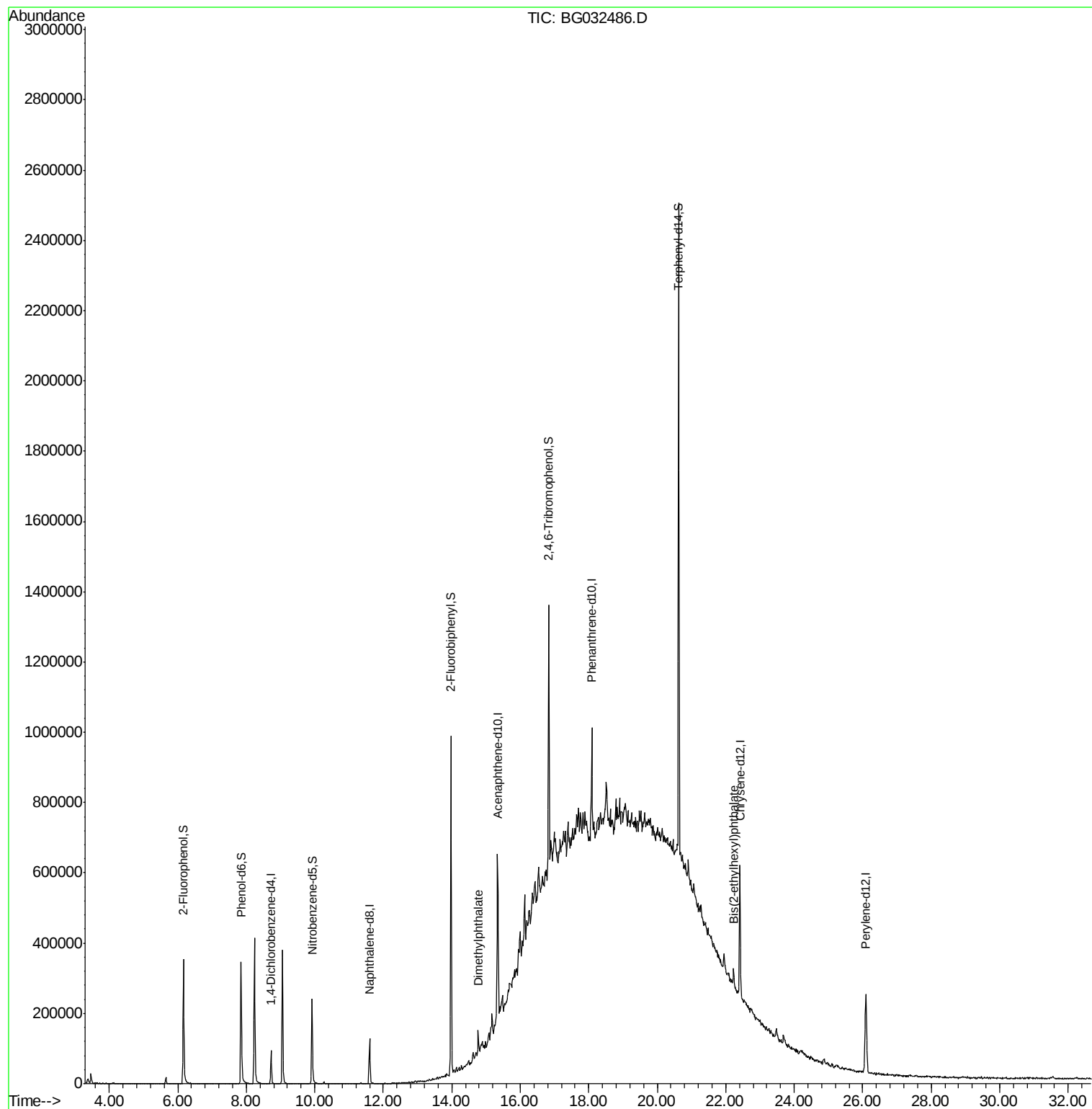
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	33696	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	135979	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	89055	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	207640	20.00	ng	0.00
75) Chrysene-d12	22.41	240	280800	20.00	ng	0.00
86) Perylene-d12	26.09	264	303851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	200033	119.24	ng	0.01
7) Phenol-d6	7.85	99	246484	110.10	ng	0.02
23) Nitrobenzene-d5	9.92	82	157838	72.50	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	186171	109.82	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	580813	77.52	ng	-0.01
78) Terphenyl-d14	20.62	244	1008851	76.96	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.77	163	37074	4.515	ng	# 92
83) Bis(2-ethylhexyl)phthalate	22.23	149	30708	3.987	ng	# 92

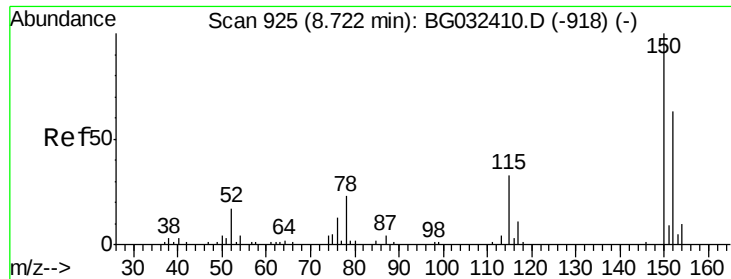
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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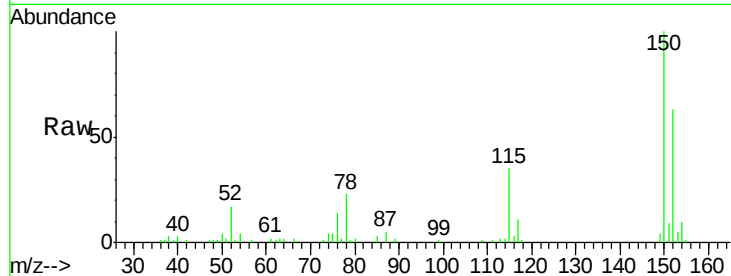


#1

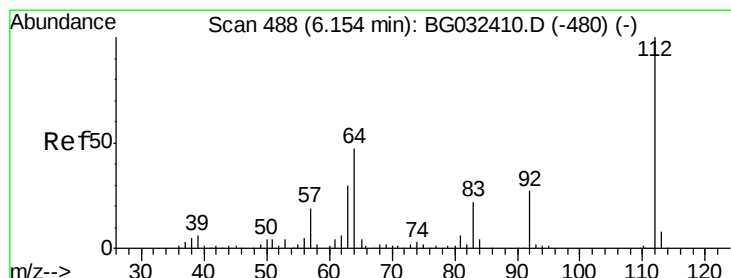
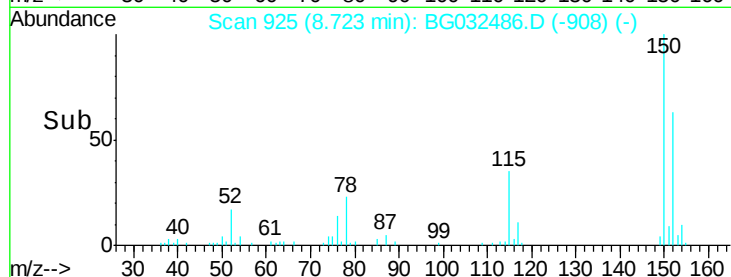
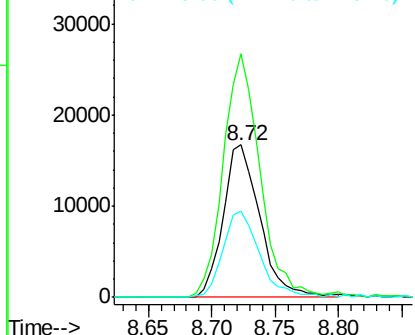
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032486.D
Acq: 1 Feb 2018 9:31

Instrument :
BNA_G
ClientSampleId :
STONE

Tot Ion:152 Resp: 33696
Ion Ratio Lower Upper
152 100
150 159.6 126.6 189.8
115 56.3 53.0 79.4



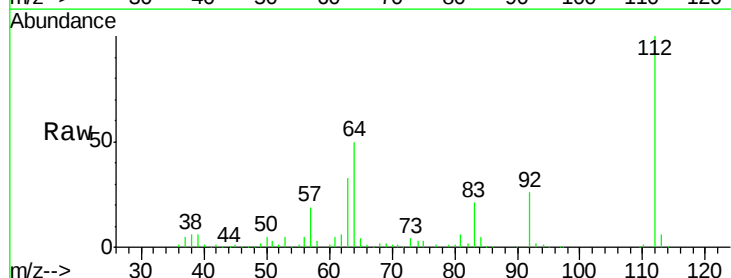
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



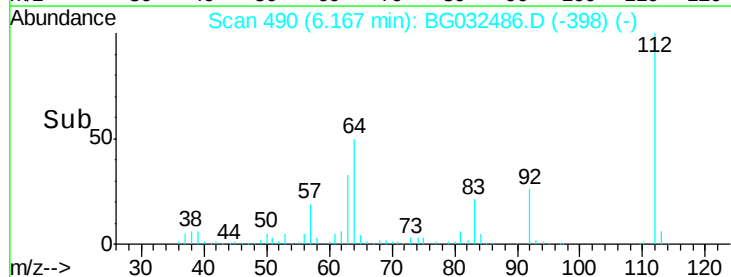
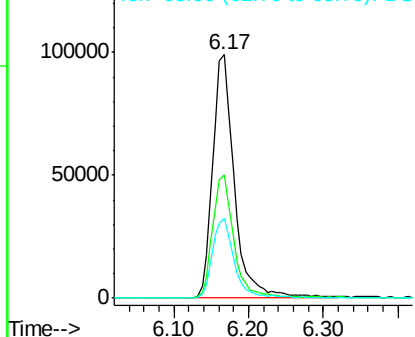
#5

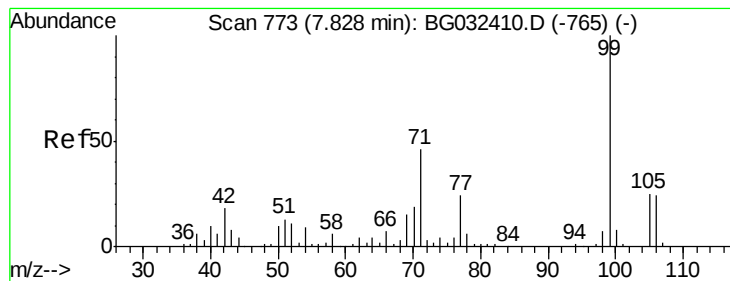
2-Fluorophenol
Concen: 119.236 ng
RT: 6.17 min Scan# 490
Delta R.T. 0.01 min
Lab File: BG032486.D
Acq: 1 Feb 2018 9:31

Tgt Ion:112 Resp: 200033
Ion Ratio Lower Upper
112 100
64 50.5 56.3 84.5#
63 32.6 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: 110.104 ng

RT: 7.85 min Scan# 776

Delta R.T. 0.02 min

Lab File: BG032486.D

Acq: 1 Feb 2018 9:31

Instrument :

BNA_G

ClientSampleId :

STONE

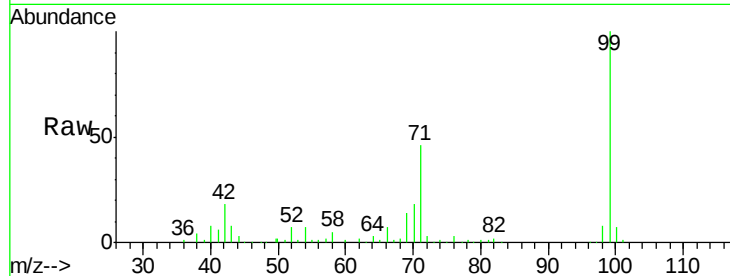
Tot Ion: 99 Resp: 246484

Ion Ratio Lower Upper

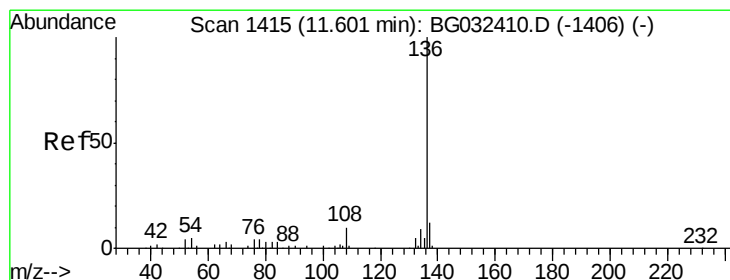
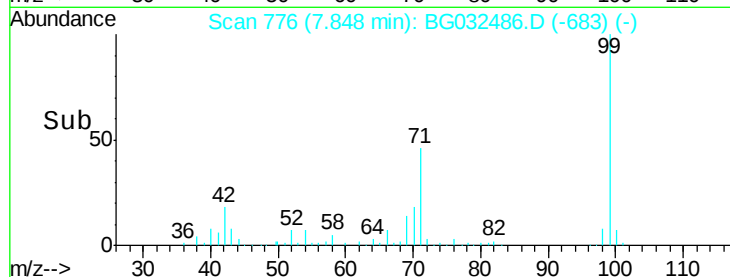
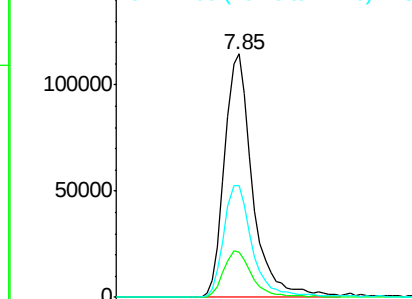
99 100

42 18.4 14.1 21.1

71 45.8 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: 11.60 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BG032486.D

Acq: 1 Feb 2018 9:31

Tgt Ion: 136 Resp: 135979

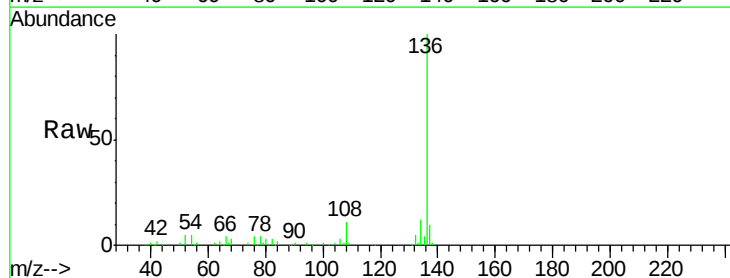
Ion Ratio Lower Upper

136 100

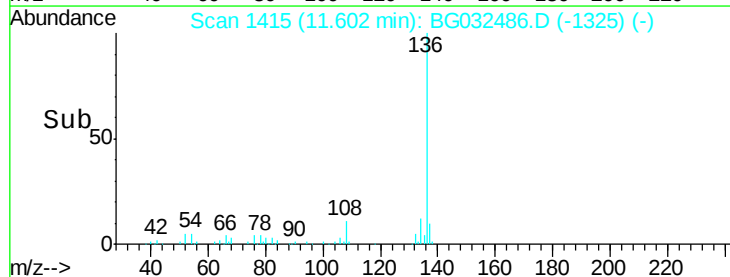
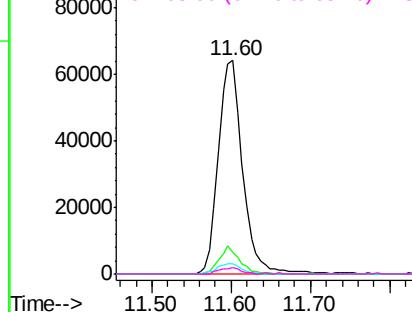
137 10.4 9.2 13.8

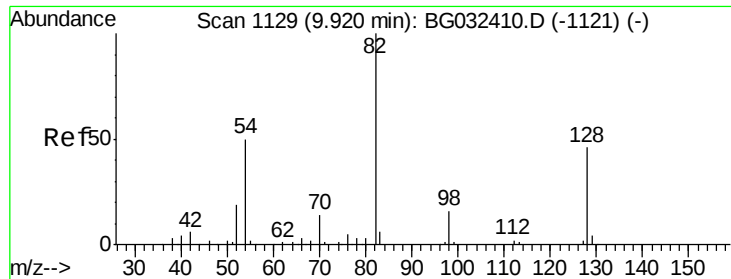
54 4.7 10.3 15.5#

68 3.3 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

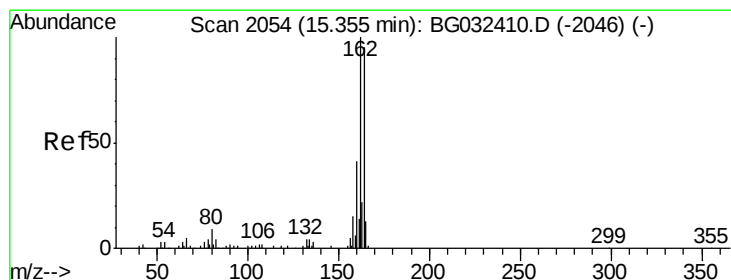
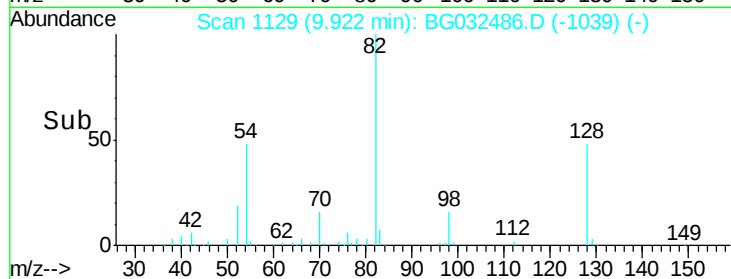
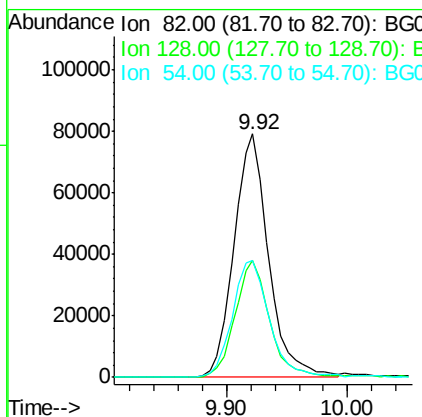
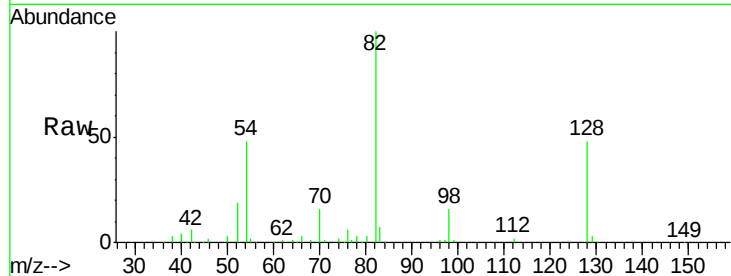




#23
 Nitrobenzene-d5
 Concen: 72.501 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BG032486.D
 Acq: 1 Feb 2018 9:31

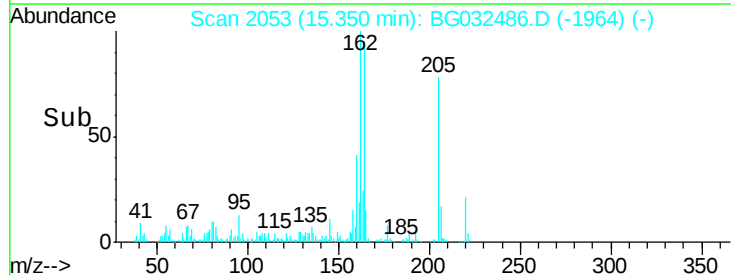
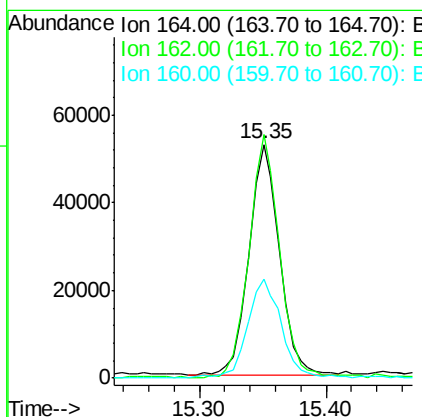
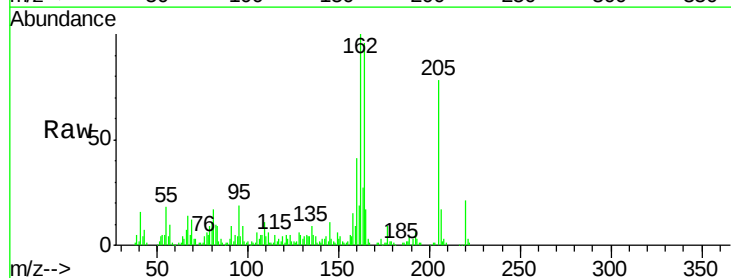
Instrument :
 BNA_G
 ClientSampled :
 STONE

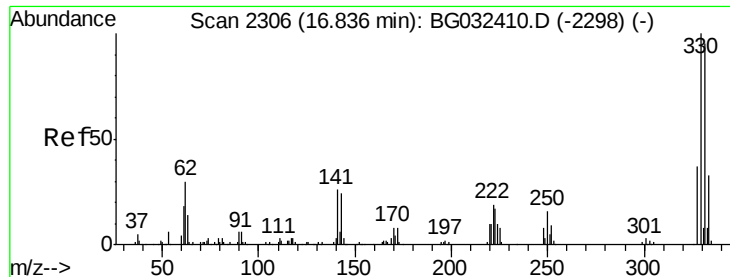
Tot Ion	82	Resp	157838
Ion Ratio	Lower	Upper	
82	100		
128	47.9	29.7	44.5#
54	48.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.00 min
 Lab File: BG032486.D
 Acq: 1 Feb 2018 9:31

Tgt Ion	164	Resp	89055
Ion Ratio	Lower	Upper	
164	100		
162	104.2	78.8	118.2
160	42.4	35.4	53.0

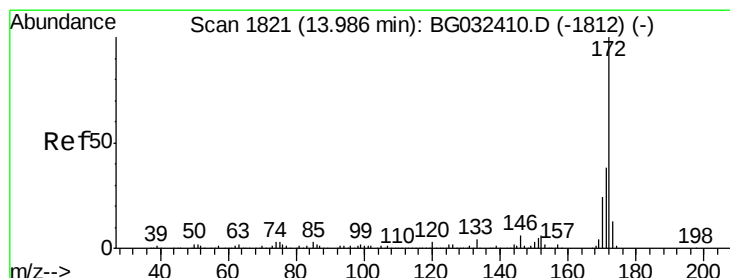
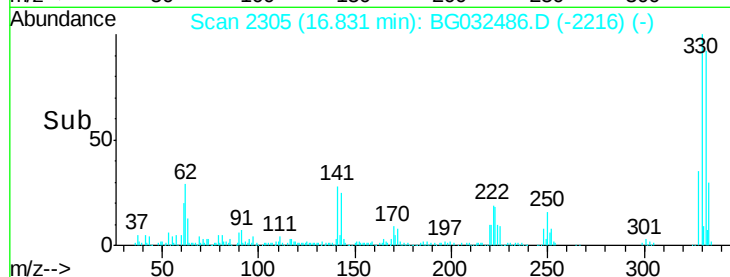
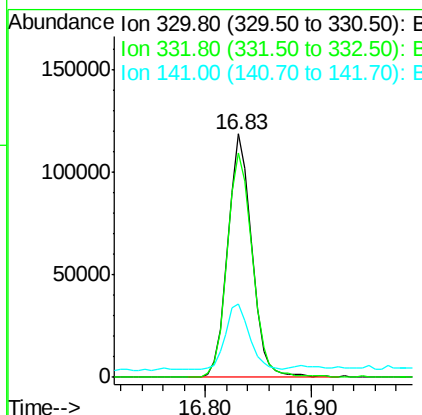
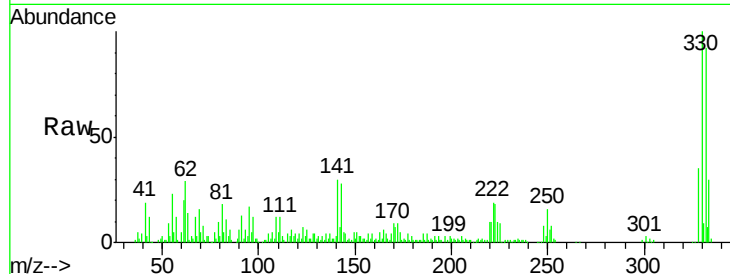




#41
 2,4,6-Tribromophenol
 Concen: 109.825 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: BG032486.D
 Acq: 1 Feb 2018 9:31

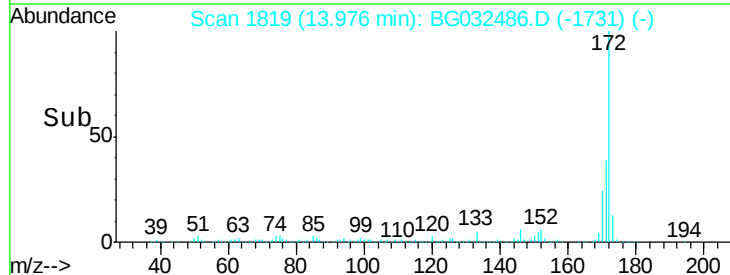
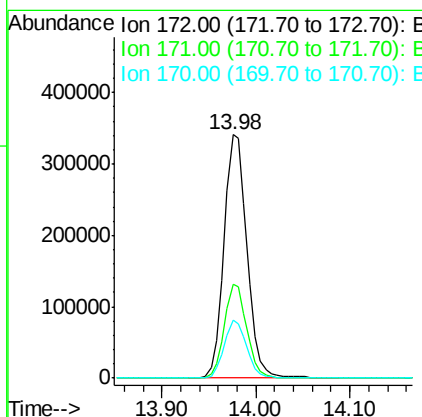
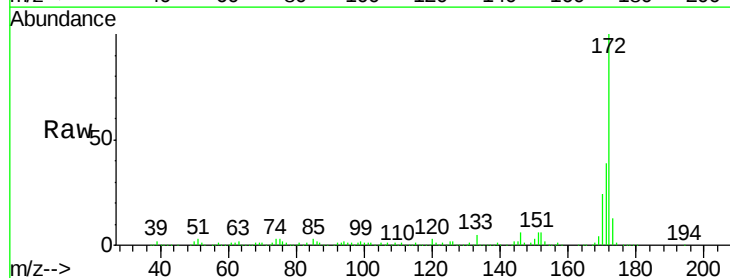
Instrument :
 BNA_G
 ClientSampleId :
 STONE

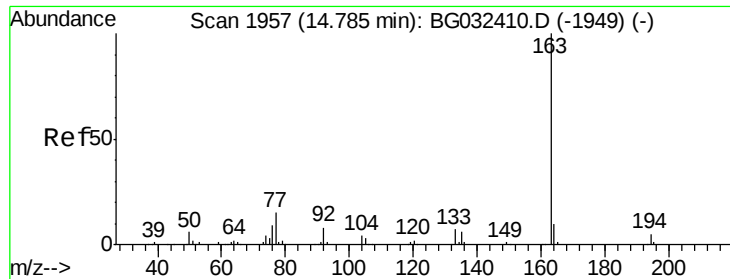
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	26.9	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 77.518 ng
 RT: 13.98 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032486.D
 Acq: 1 Feb 2018 9:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	24.0	19.5	29.3





#49

Dimethylphthalate

Concen: 4.515 ng

RT: 14.77 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG032486.D

Acq: 1 Feb 2018 9:31

Instrument :

BNA_G

ClientSampleId :

STONE

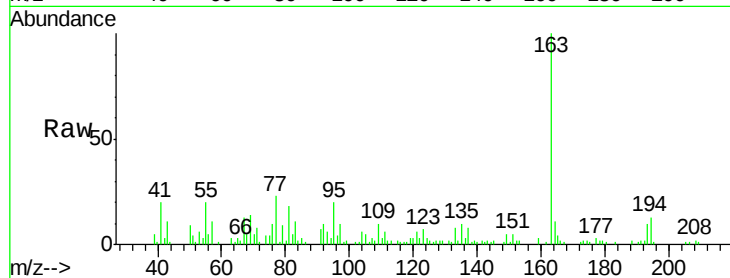
Tot Ion:163 Resp: 37074

Ion Ratio Lower Upper

163 100

194 12.6 3.4 5.2#

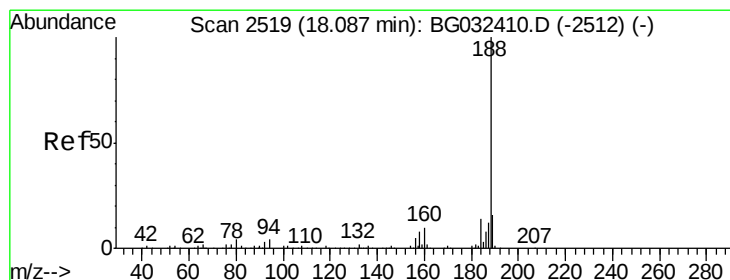
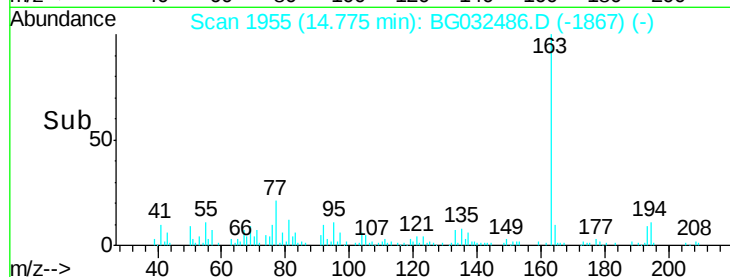
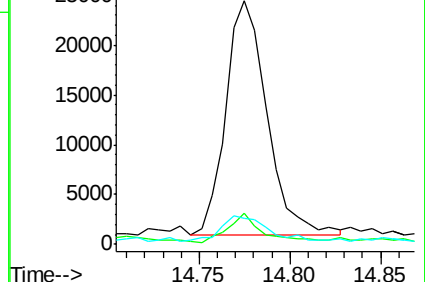
164 10.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.09 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BG032486.D

Acq: 1 Feb 2018 9:31

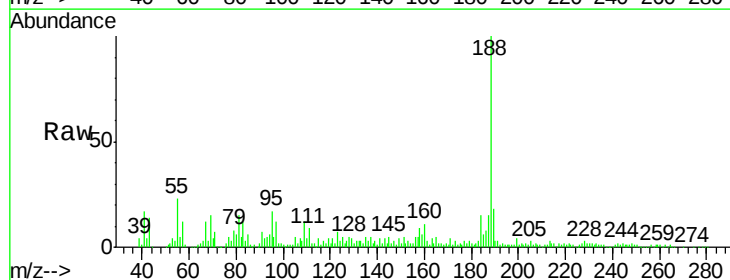
Tgt Ion:188 Resp: 207640

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

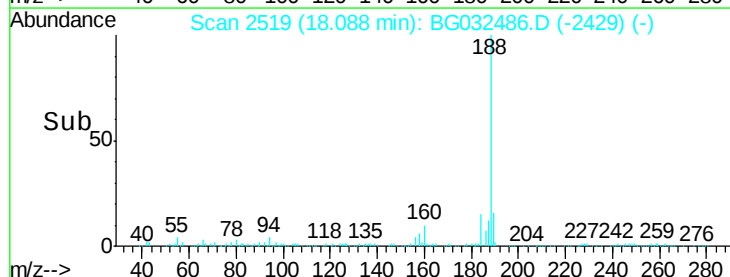
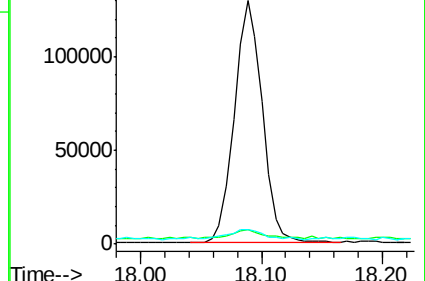
80 5.8 7.7 11.5#

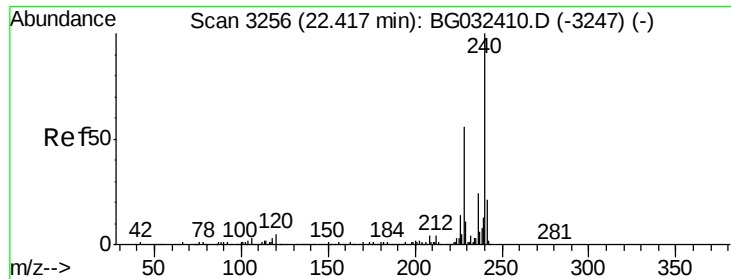


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BG032486.D

Acq: 1 Feb 2018 9:31

Instrument :

BNA_G

ClientSampleId :

STONE

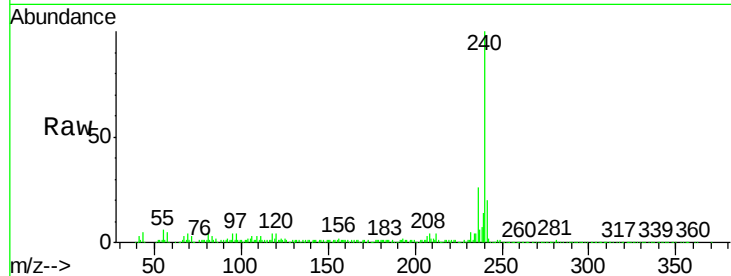
Tot Ion:240 Resp: 280800

Ion Ratio Lower Upper

240 100

120 3.9 6.8 10.2#

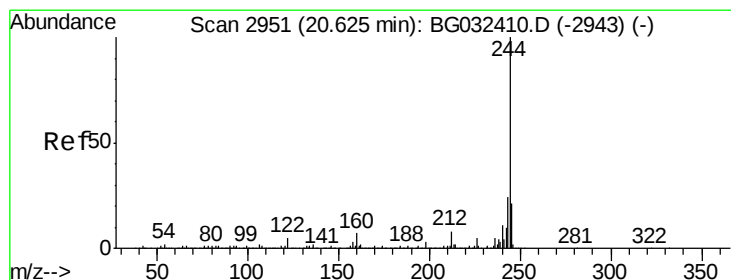
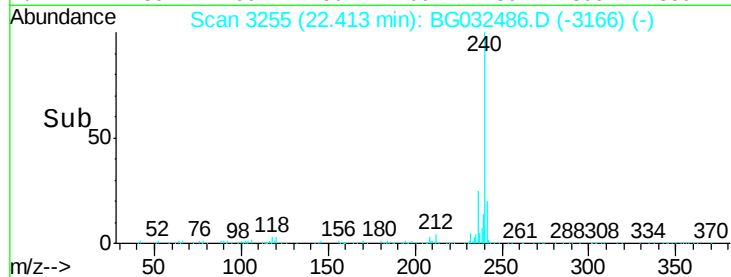
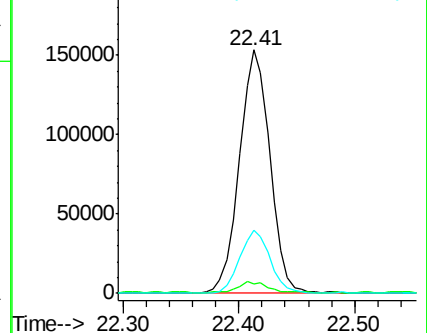
236 25.8 20.9 31.3



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: 76.960 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BG032486.D

Acq: 1 Feb 2018 9:31

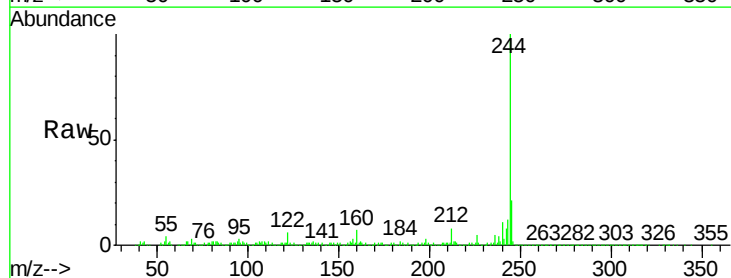
Tgt Ion:244 Resp: 1008851

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

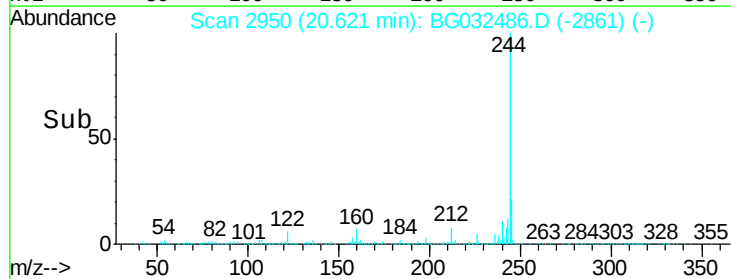
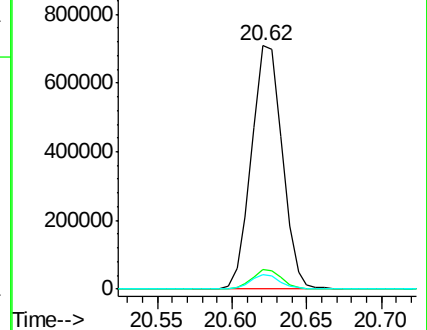
122 5.8 7.0 10.4#

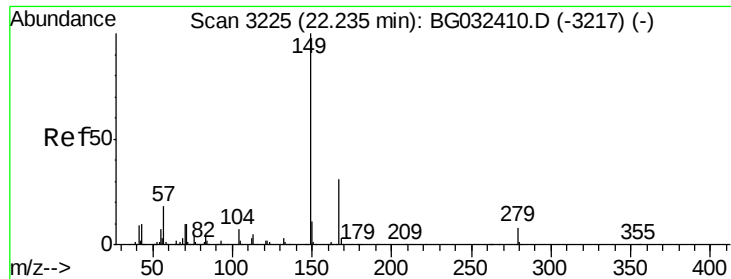


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.987 ng

RT: 22.23 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BG032486.D

Acq: 1 Feb 2018 9:31

Instrument :

BNA_G

ClientSampleId :

STONE

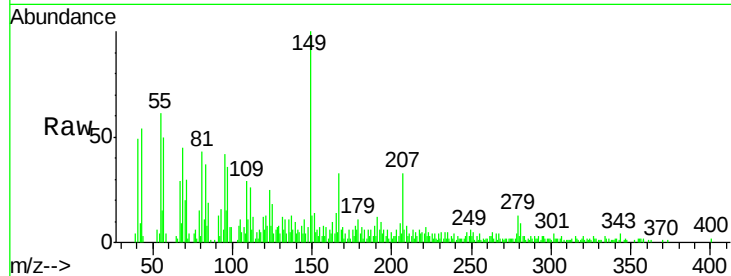
Tot Ion:149 Resp: 30708

Ion Ratio Lower Upper

149 100

167 33.1 24.3 36.5

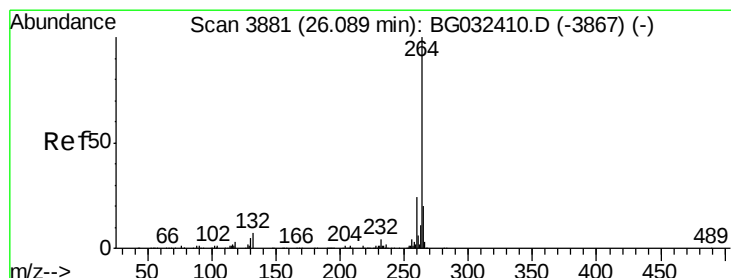
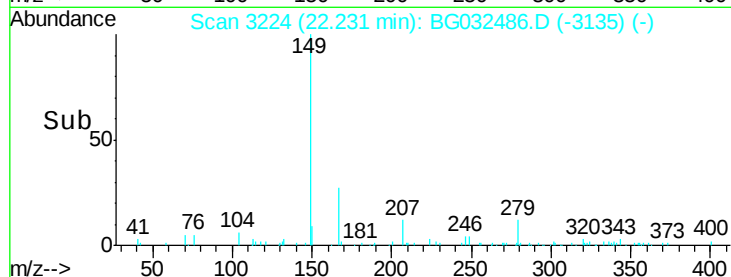
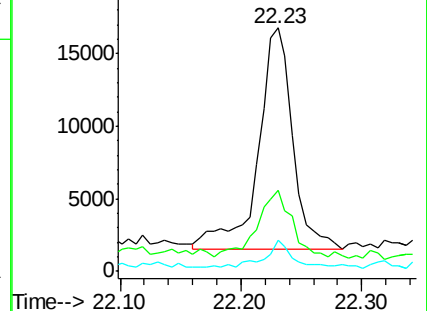
279 13.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.09 min Scan# 3881

Delta R.T. 0.00 min

Lab File: BG032486.D

Acq: 1 Feb 2018 9:31

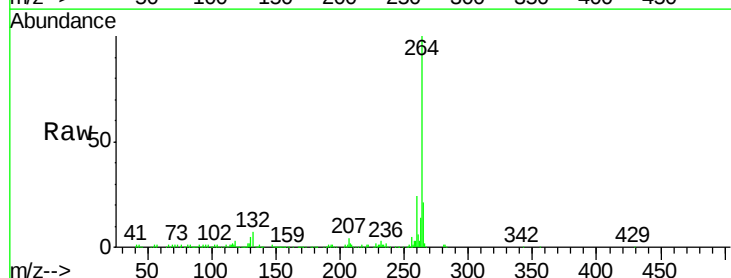
Tgt Ion:264 Resp: 303851

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 21.5 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

