

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
 Data File : BG033185.D
 Acq On : 15 Mar 2018 20:24
 Operator : SJ/JU
 Sample : J1913-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES-124029

Quant Time: Mar 16 05:50:14 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

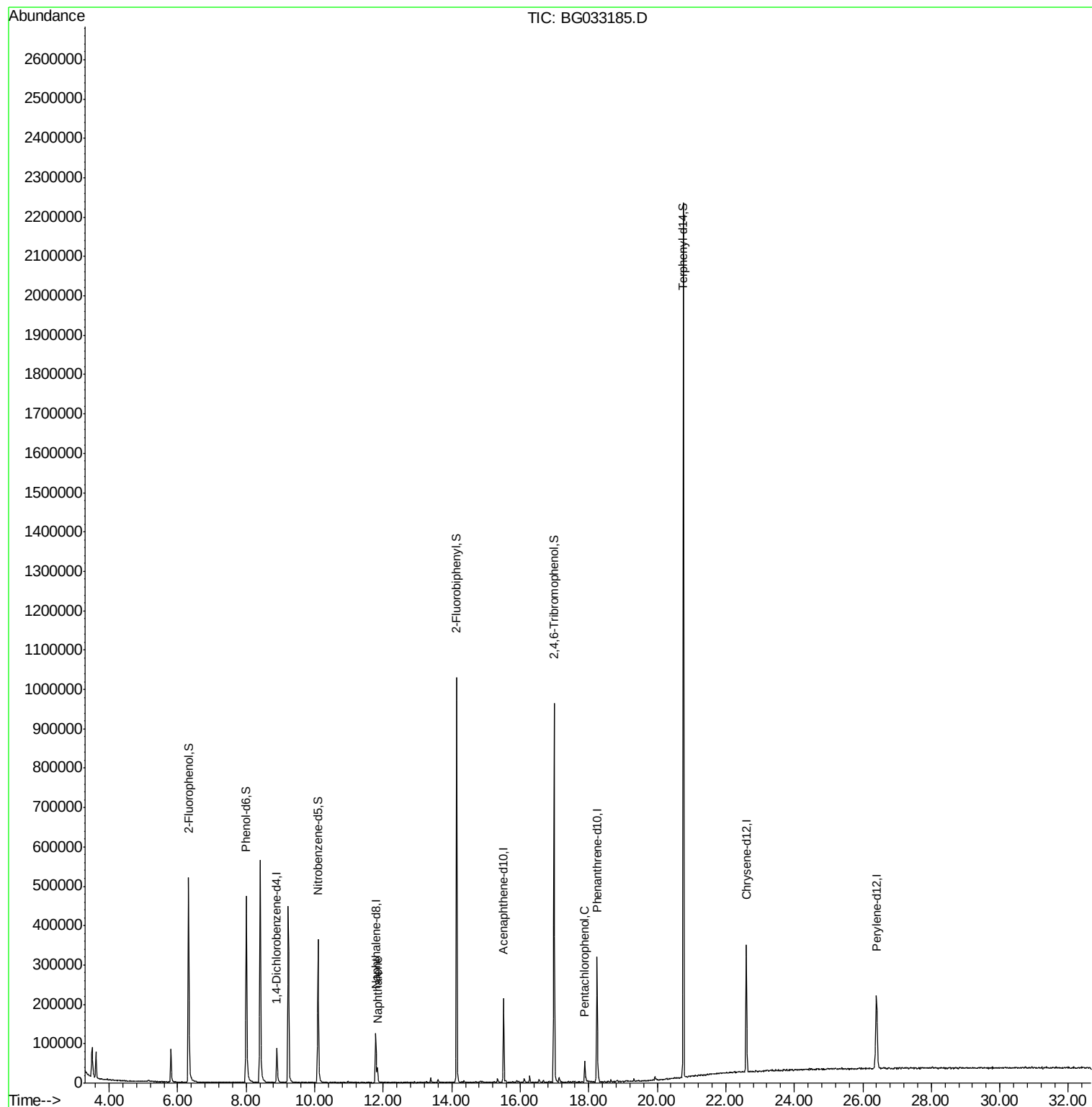
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	29257	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	127777	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	76795	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	200135	20.00	ng	0.00
75) Chrysene-d12	22.60	240	209083	20.00	ng	0.00
86) Perylene-d12	26.40	264	225539	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	275295	150.54	ng	0.00
7) Phenol-d6	8.00	99	328419	128.84	ng	0.00
23) Nitrobenzene-d5	10.10	82	249419	129.57	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	205578	254.59	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	570216	107.09	ng	0.00
78) Terphenyl-d14	20.76	244	1061614	114.08	ng	0.00
Target Compounds						
31) Naphthalene	11.84	128	36129	5.411	ng	96
69) Pentachlorophenol	17.89	266	12130	8.421	ng	96

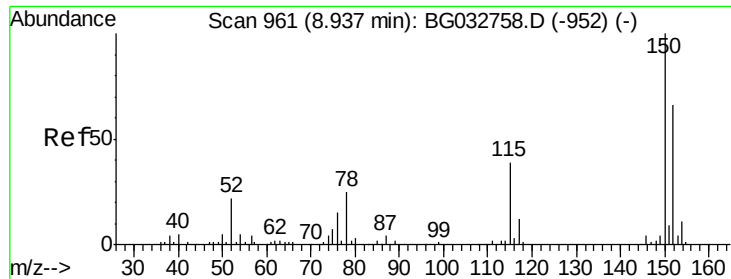
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration

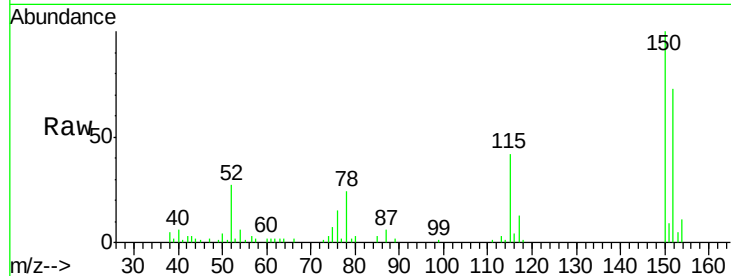




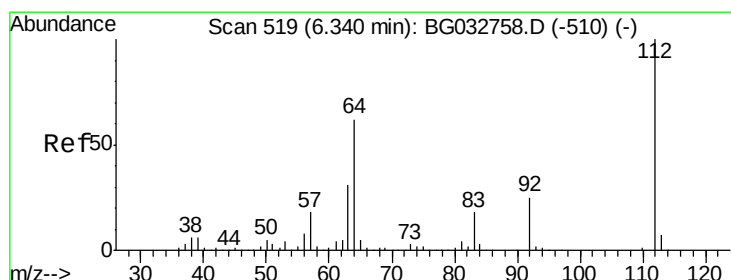
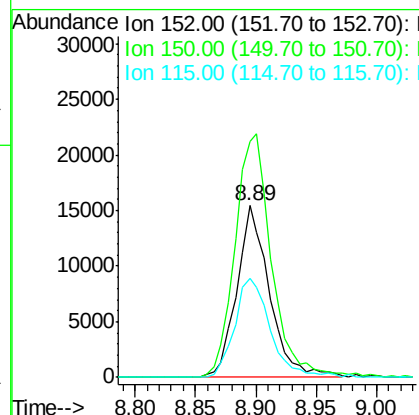
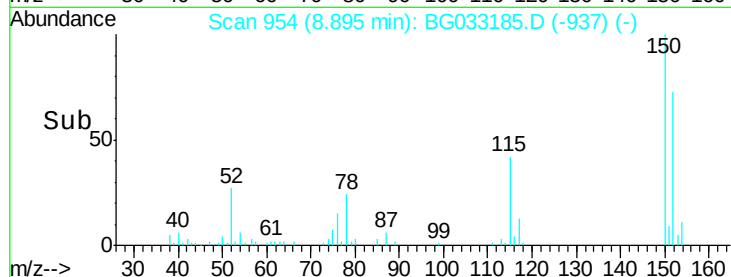
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.89 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BG033185.D
 Acq: 15 Mar 2018 20:24

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES-124029

Tot Ion:152 Resp: 29257
 Ion Ratio Lower Upper
 152 100
 150 137.6 126.6 189.8
 115 57.8 53.0 79.4

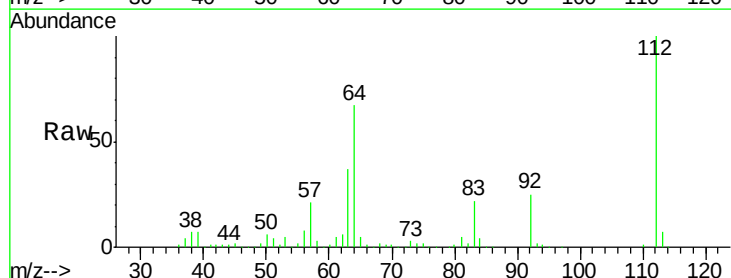


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

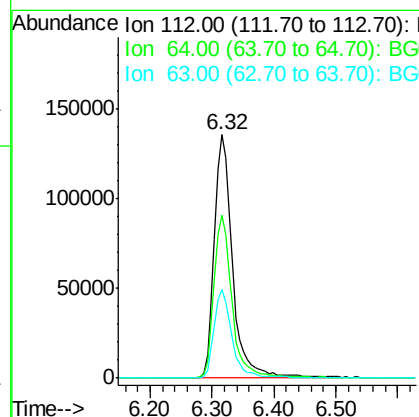
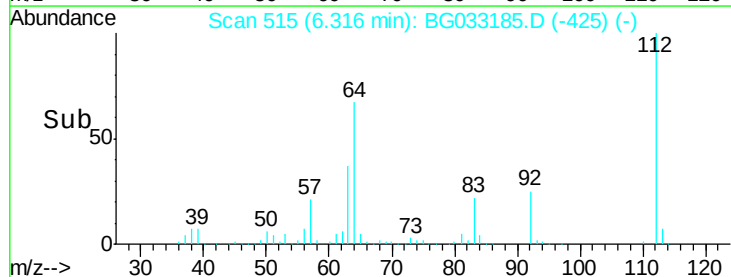


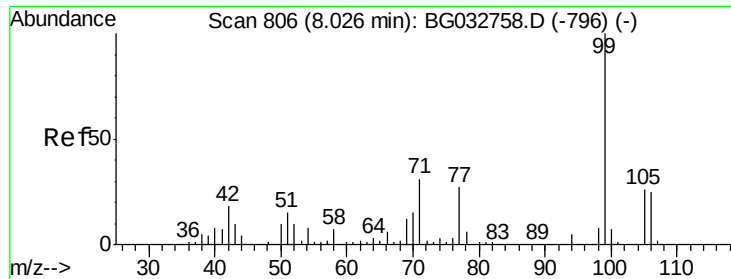
#5
 2-Fluorophenol
 Concen: 150.539 ng
 RT: 6.32 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BG033185.D
 Acq: 15 Mar 2018 20:24

Tgt Ion:112 Resp: 275295
 Ion Ratio Lower Upper
 112 100
 64 66.7 56.3 84.5
 63 36.6 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: 128.843 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033185.D

Acq: 15 Mar 2018 20:24

Instrument :

BNA_G

ClientSampleId :

OILY-STONES-124029

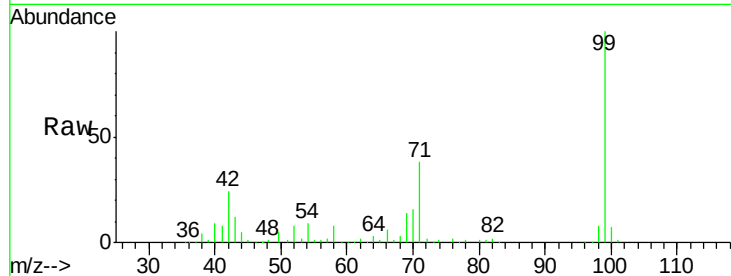
Tot Ion: 99 Resp: 328419

Ion Ratio Lower Upper

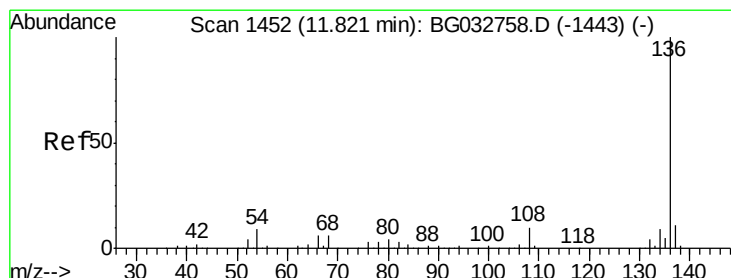
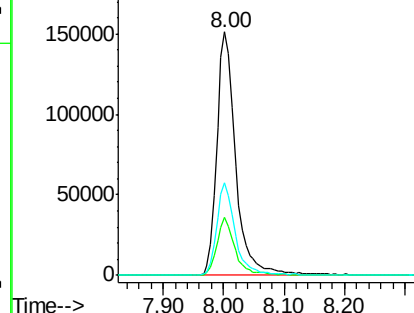
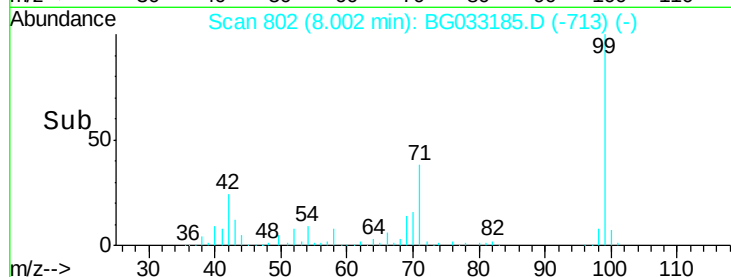
99 100

42 24.0 14.1 21.1#

71 37.8 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: 11.79 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BG033185.D

Acq: 15 Mar 2018 20:24

Tgt Ion: 136 Resp: 127777

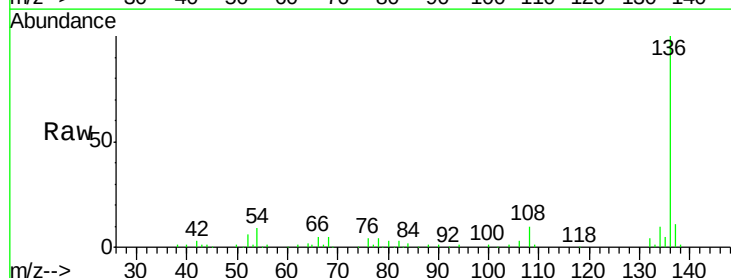
Ion Ratio Lower Upper

136 100

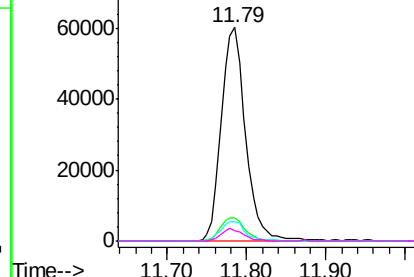
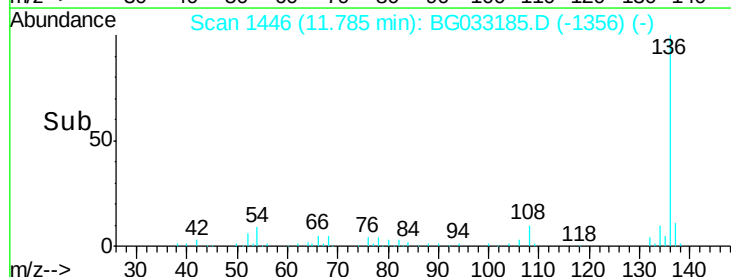
137 11.0 9.2 13.8

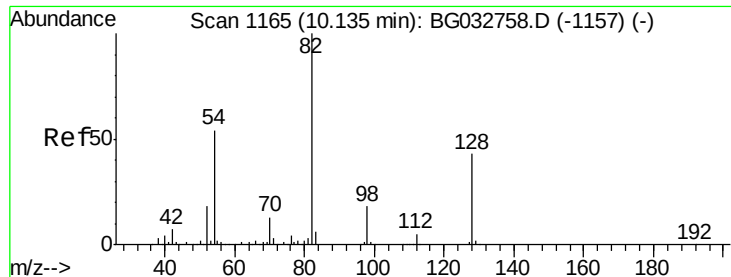
54 8.9 10.3 15.5#

68 4.9 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: 129.574 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG033185.D

Acq: 15 Mar 2018 20:24

Instrument :

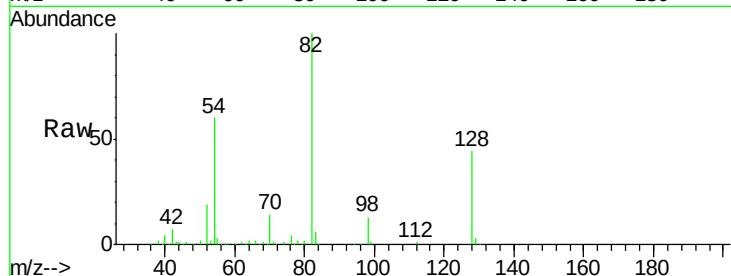
BNA_G

ClientSampleId :

OILY-STONES-124029

Tot Ion: 82 Resp: 249419

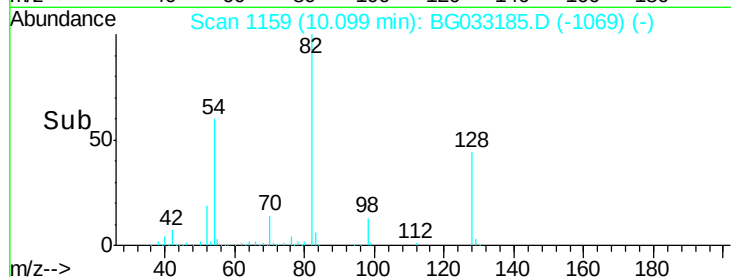
Ion	Ratio	Lower	Upper
82	100		
128	43.9	29.7	44.5
54	59.8	43.1	64.7



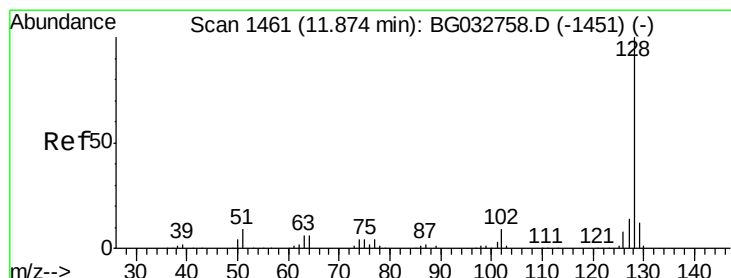
Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



Time-->



#31

Naphthalene

Concen: 5.411 ng

RT: 11.84 min Scan# 1455

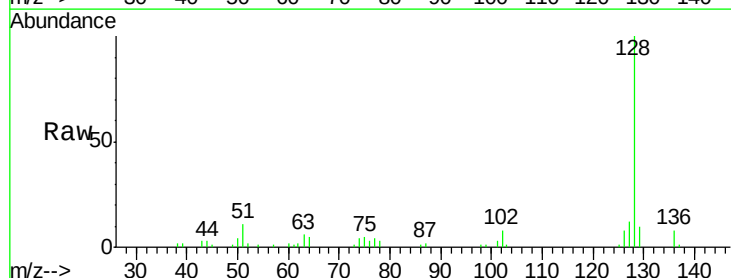
Delta R.T. -0.00 min

Lab File: BG033185.D

Acq: 15 Mar 2018 20:24

Tgt Ion: 128 Resp: 36129

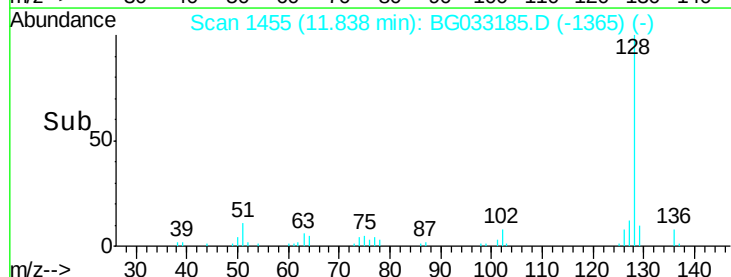
Ion	Ratio	Lower	Upper
128	100		
129	9.7	8.6	12.8
127	12.1	11.6	17.4



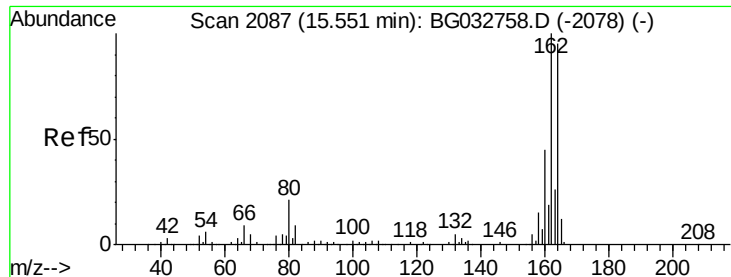
Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2081

Delta R.T. -0.00 min

Lab File: BG033185.D

Acq: 15 Mar 2018 20:24

Instrument :

BNA_G

ClientSampleId :

OILY-STONES-124029

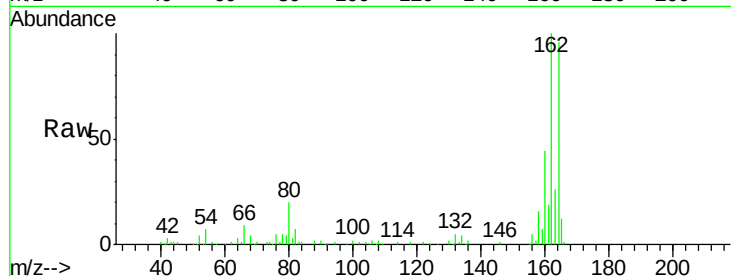
Tot Ion:164 Resp: 76795

Ion Ratio Lower Upper

164 100

162 103.8 78.8 118.2

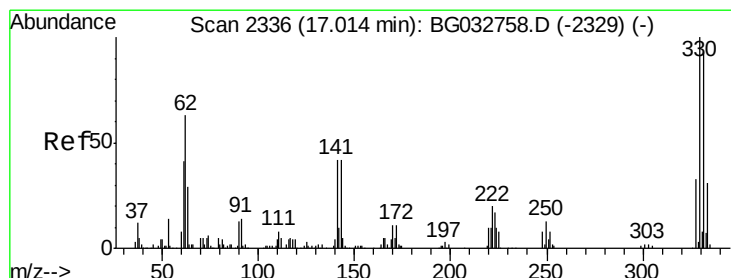
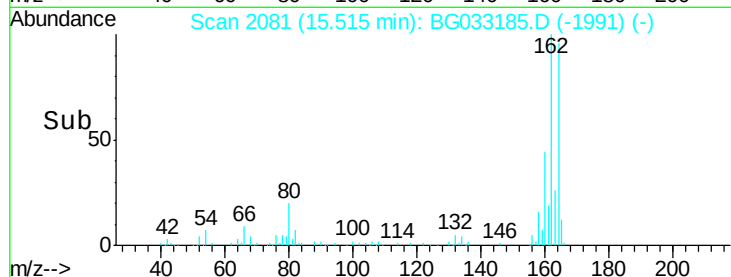
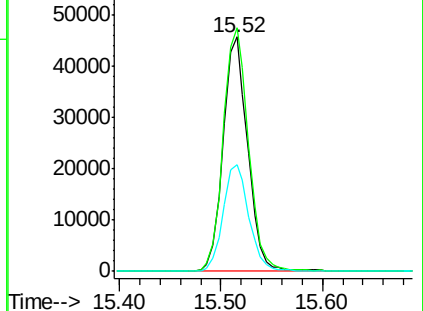
160 45.6 35.4 53.0



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: 254.594 ng

RT: 16.99 min Scan# 2332

Delta R.T. -0.00 min

Lab File: BG033185.D

Acq: 15 Mar 2018 20:24

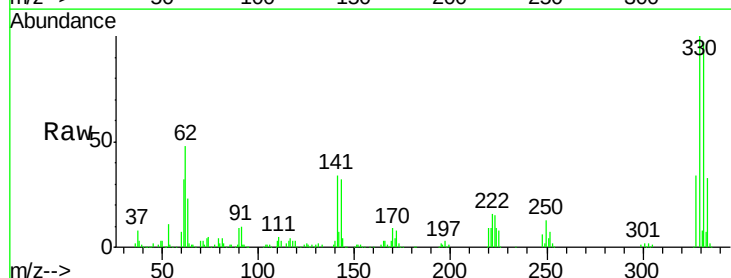
Tgt Ion:330 Resp: 205578

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

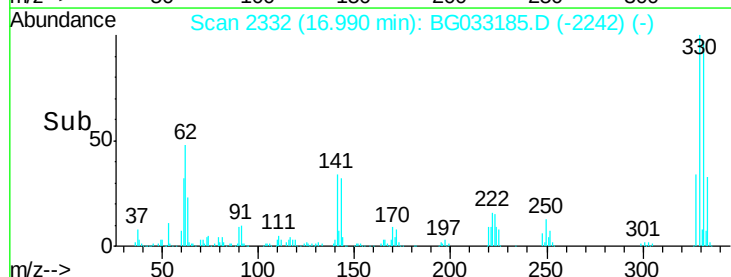
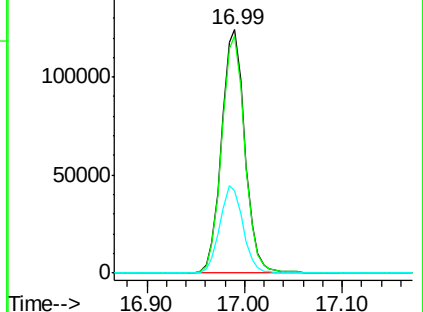
141 35.7 25.2 37.8

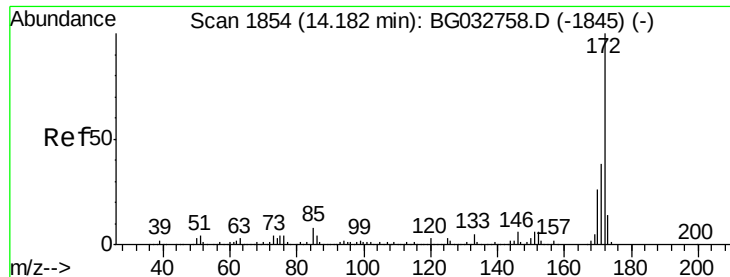


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

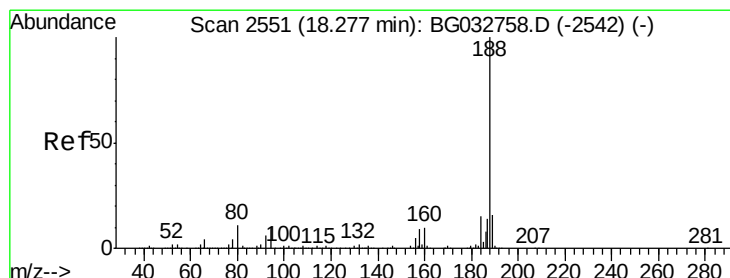
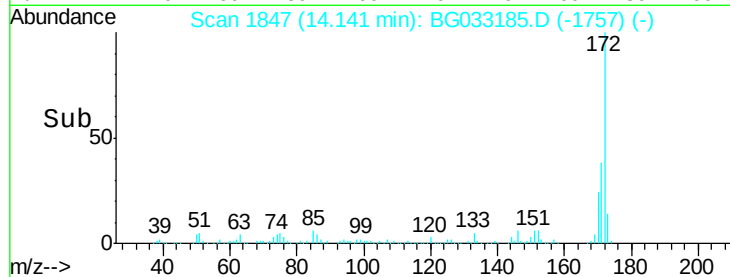
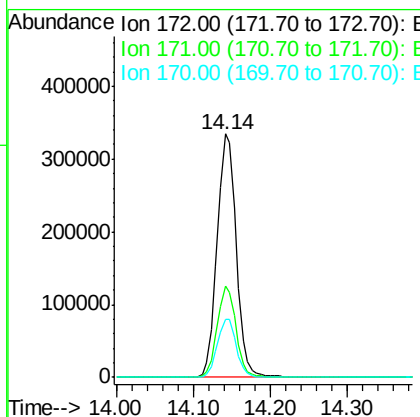
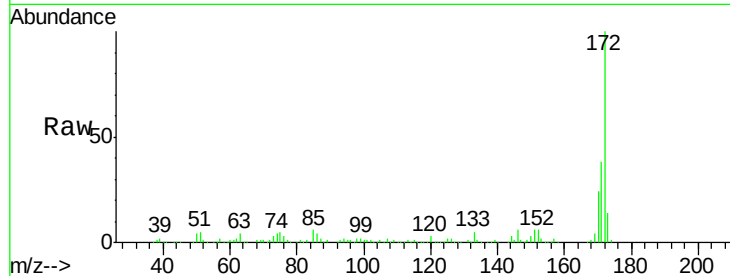




#44
 2-Fluorobiphenyl
 Concen: 107.090 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033185.D
 Acq: 15 Mar 2018 20:24

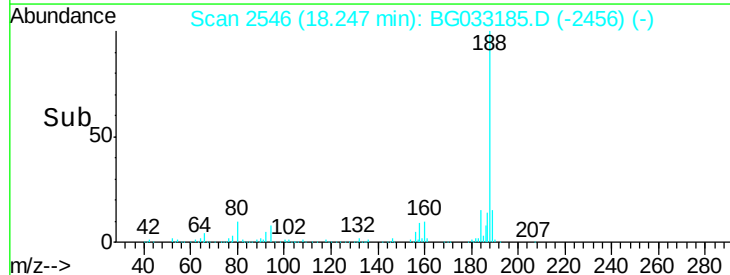
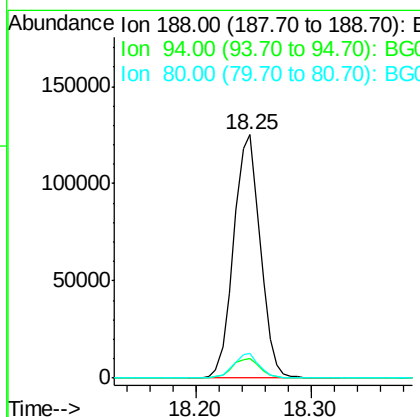
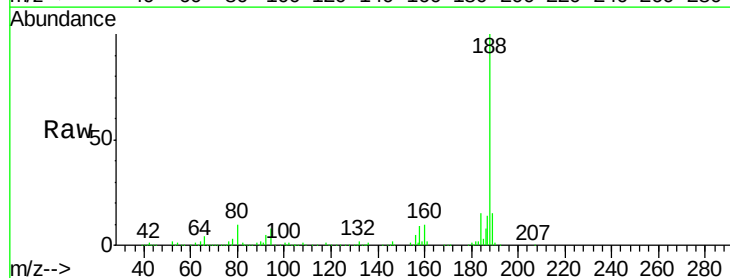
Instrument :
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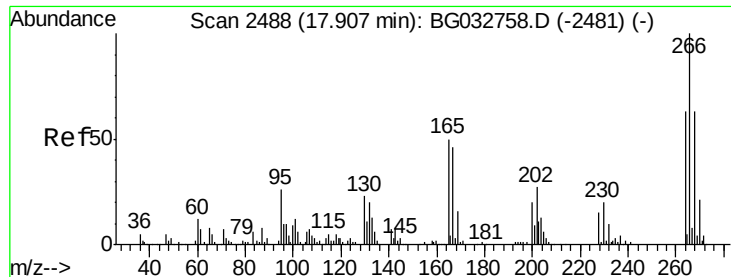
Tot Ion:172 Resp: 570216
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 23.6 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BG033185.D
 Acq: 15 Mar 2018 20:24

Tgt Ion:188 Resp: 200135
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.9 10.3
 80 9.9 7.7 11.5

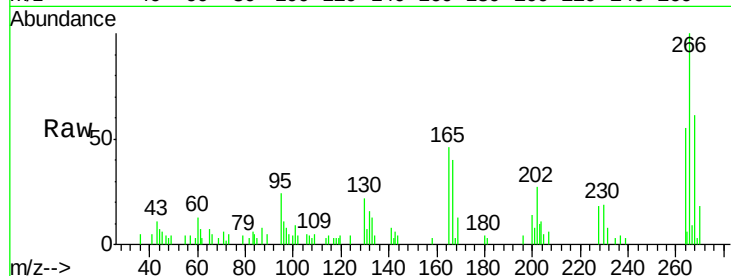




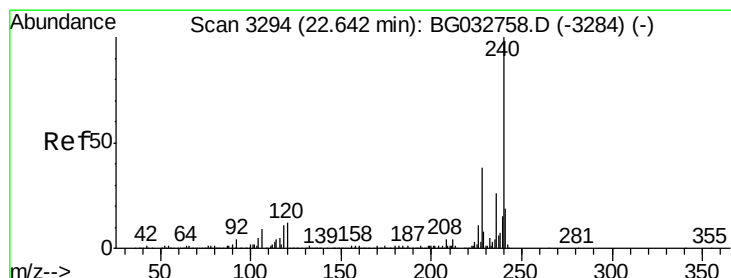
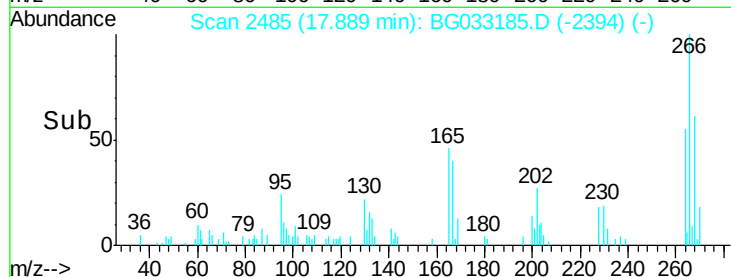
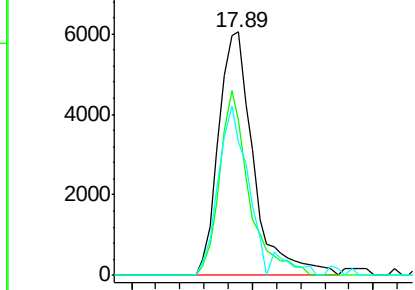
#69
 Pentachlorophenol
 Concen: 8.421 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG033185.D
 Acq: 15 Mar 2018 20:24

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES-124029

Tot Ion:266 Resp: 12130
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.1 76.7
 264 55.0 49.6 74.4

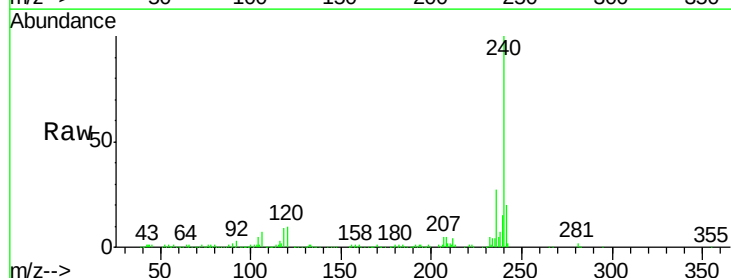


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

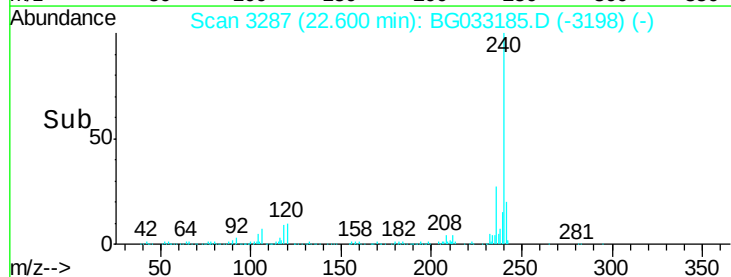
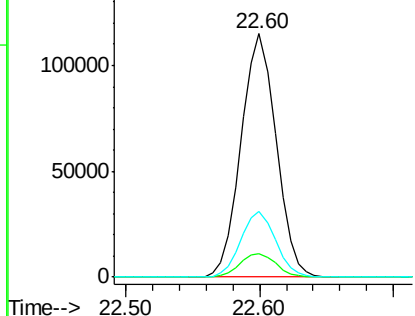


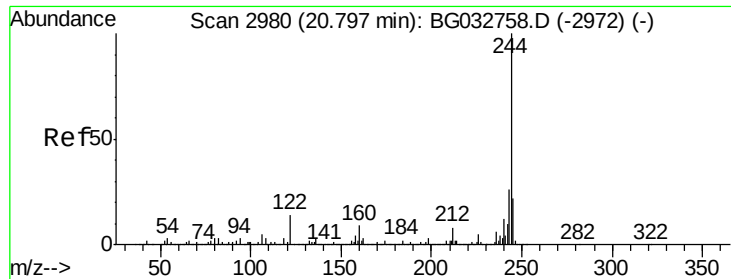
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.60 min Scan# 3287
 Delta R.T. -0.01 min
 Lab File: BG033185.D
 Acq: 15 Mar 2018 20:24

Tgt Ion:240 Resp: 209083
 Ion Ratio Lower Upper
 240 100
 120 9.5 6.8 10.2
 236 26.9 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: 114.077 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BG033185.D

Acq: 15 Mar 2018 20:24

Instrument :

BNA_G

ClientSampleId :

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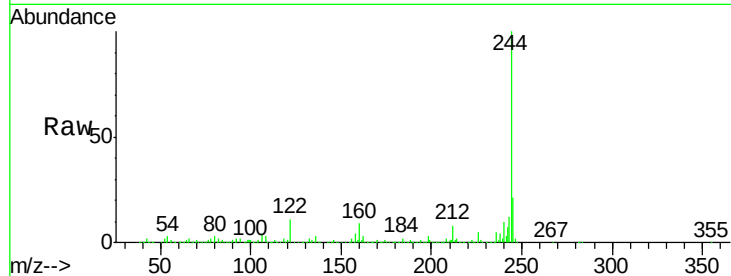
Tot Ion:244 Resp: 1061614

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

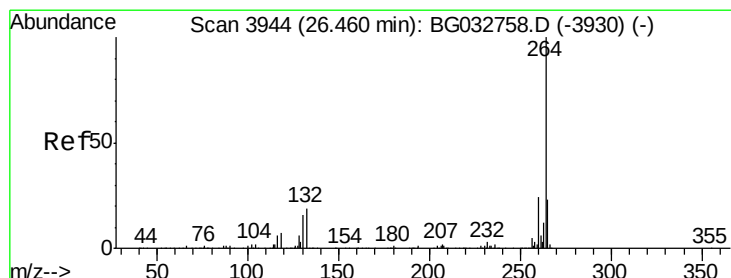
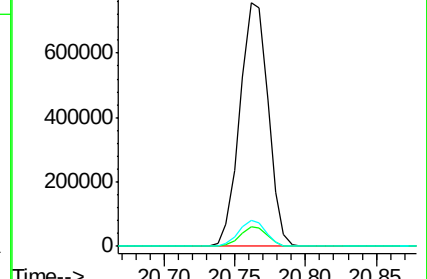
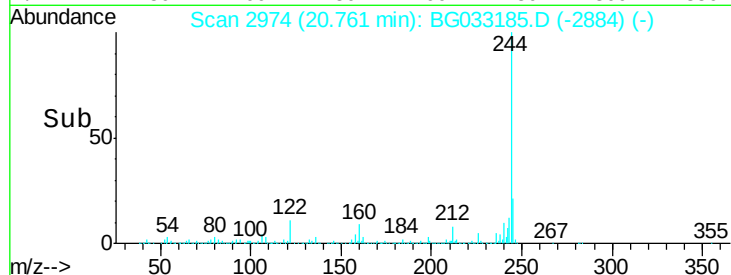
122 10.7 7.0 10.4#



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: 20.000 ng

RT: 26.40 min Scan# 3934

Delta R.T. -0.01 min

Lab File: BG033185.D

Acq: 15 Mar 2018 20:24

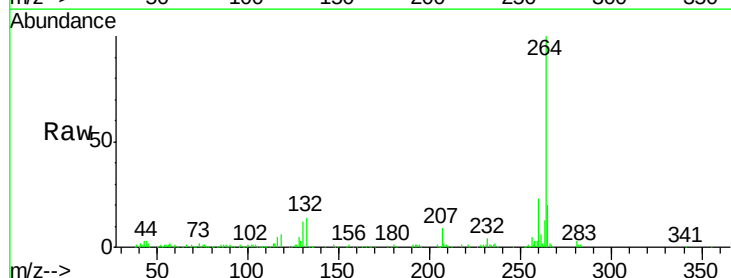
Tgt Ion:264 Resp: 225539

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 20.2 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

