

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038715.D
 Acq On : 19 Dec 2018 5:52
 Operator : JU/SJ
 Sample : J6429-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES

Quant Time: Dec 19 07:36:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

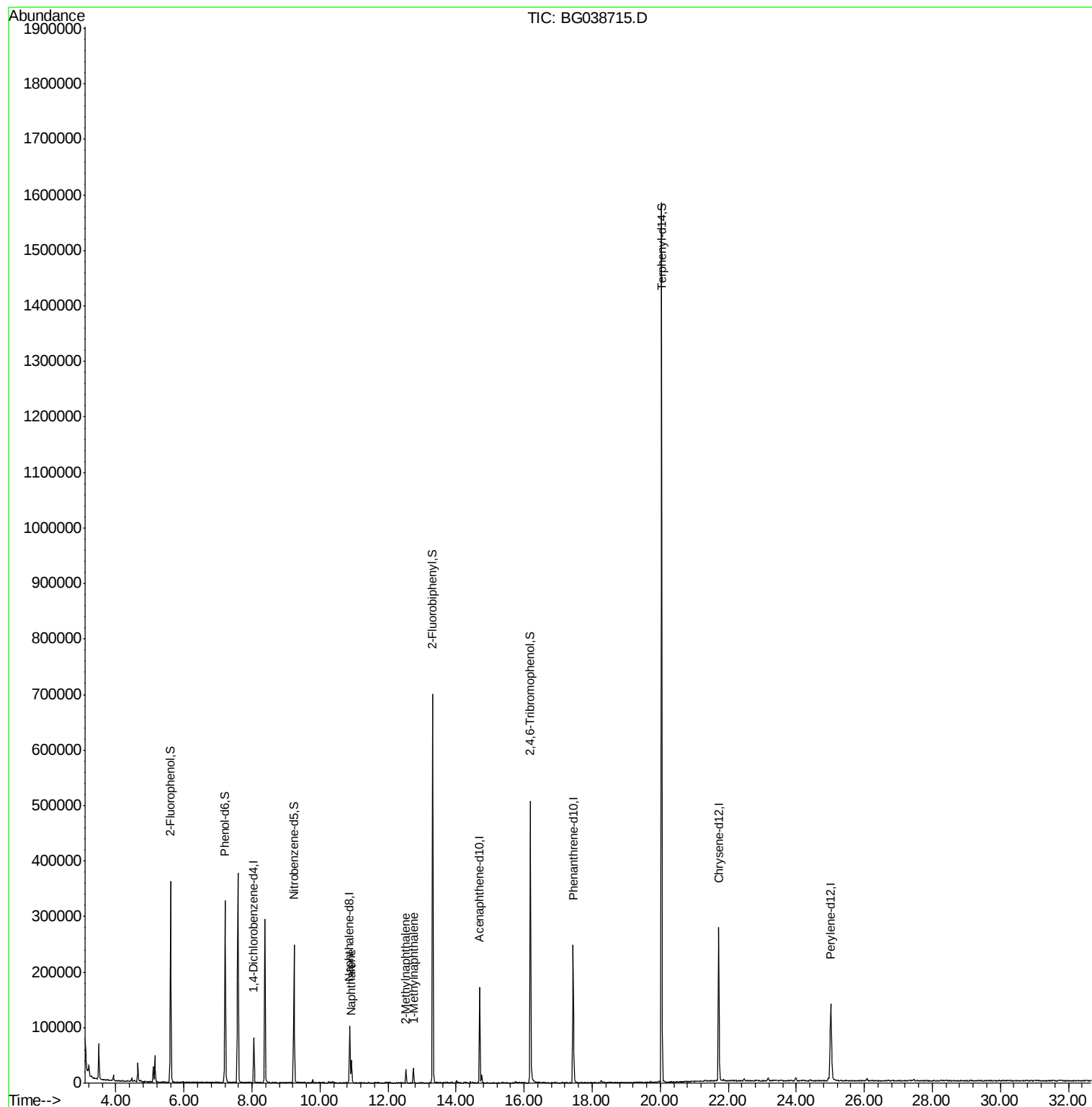
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	23222	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	93631	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	61598	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	165544	20.00	ng	0.00
76) Chrysene-d12	21.72	240	179953	20.00	ng	0.00
87) Perylene-d12	25.01	264	182597	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	153112	116.94	ng	0.00
7) Phenol-d6	7.21	99	185168	103.02	ng	0.00
23) Nitrobenzene-d5	9.23	82	147909	80.70	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	113404	133.58	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	377031	83.97	ng	0.00
79) Terphenyl-d14	20.04	244	783642	94.77	ng	0.00
Target Compounds						
31) Naphthalene	10.93	128	35868	7.775	ng	98
37) 2-Methylnaphthalene	12.52	142	13223	4.018	ng	94
38) 1-Methylnaphthalene	12.75	142	14059	4.402	ng	97

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

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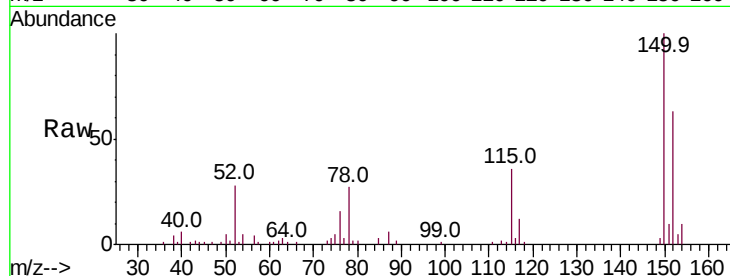


#1

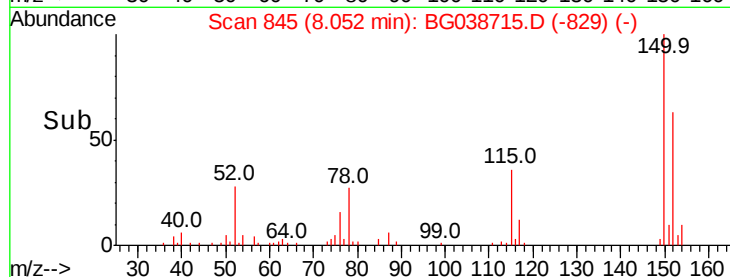
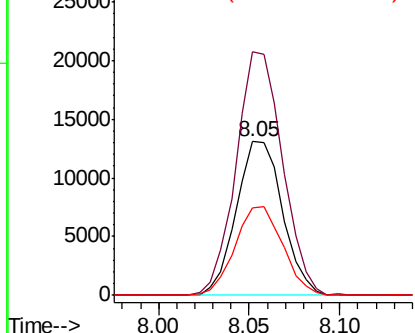
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tot Ion:152 Resp: 23222
Ion Ratio Lower Upper
152 100
150 158.6 119.5 179.3
115 56.8 49.6 74.4



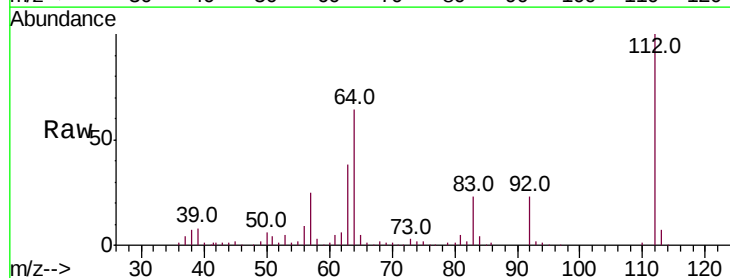
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



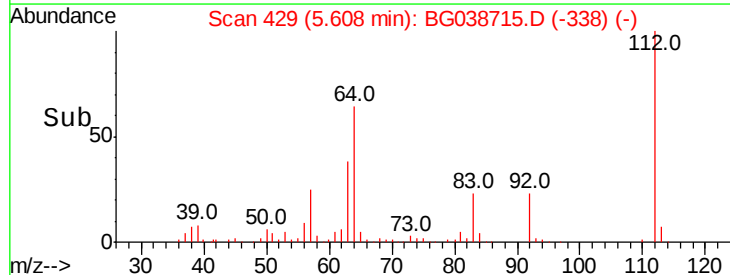
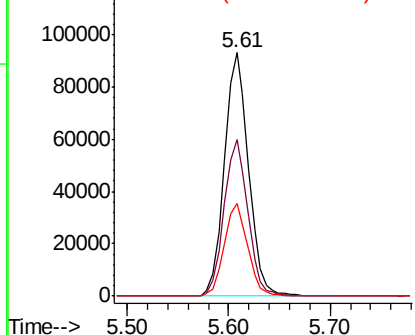
#5

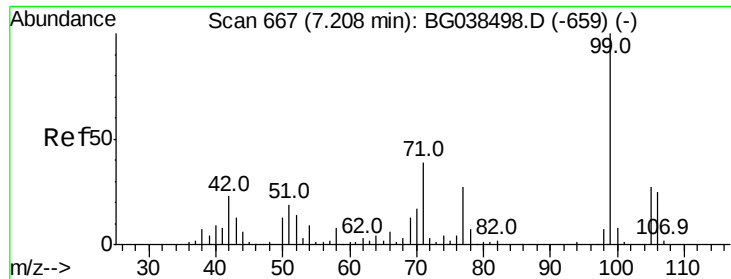
2-Fluorophenol
Concen: 116.944 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Tgt Ion:112 Resp: 153112
Ion Ratio Lower Upper
112 100
64 64.4 53.4 80.2
63 37.8 29.3 43.9



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: 103.021 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038715.D

Acq: 19 Dec 2018 5:52

Instrument :

BNA_G

ClientSampled :

OILY-STONES

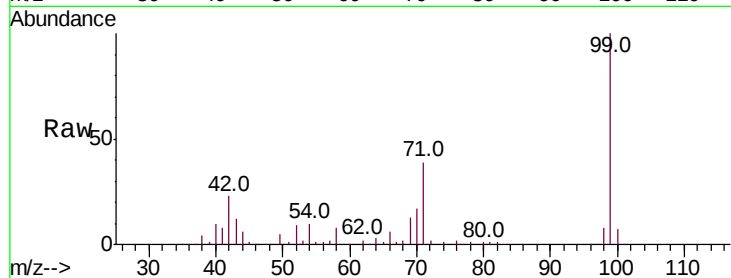
Tot Ion: 99 Resp: 185168

Ion Ratio Lower Upper

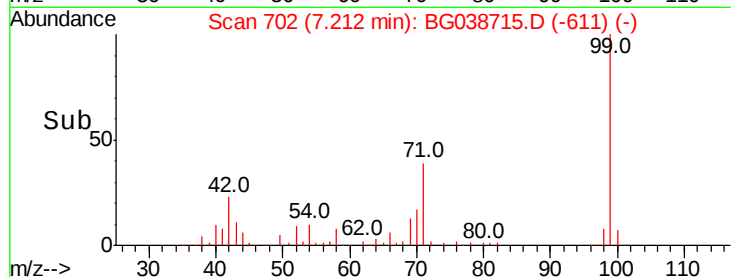
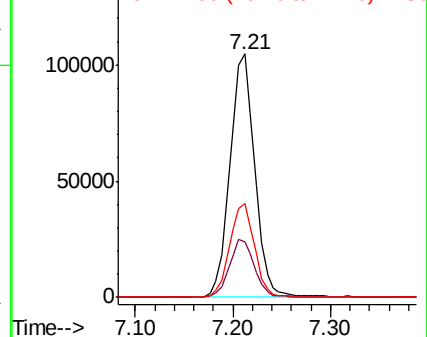
99 100

42 22.6 18.5 27.7

71 38.5 31.1 46.7



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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038715.D

Acq: 19 Dec 2018 5:52

Tgt Ion: 136 Resp: 93631

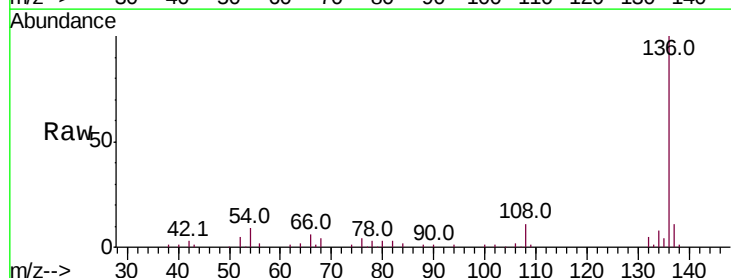
Ion Ratio Lower Upper

136 100

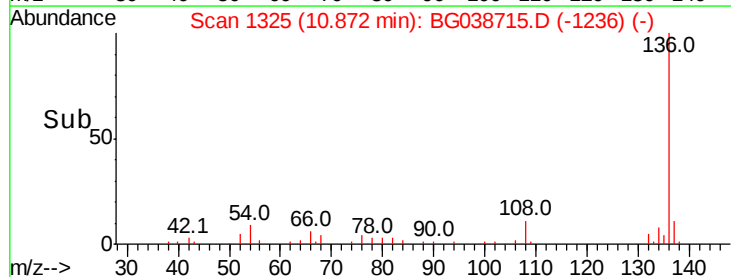
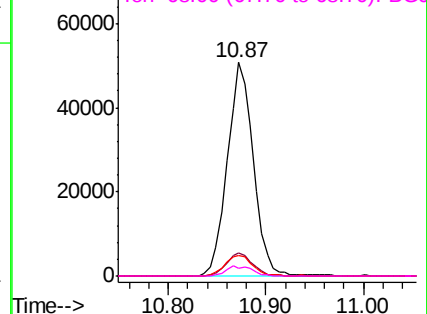
137 11.0 9.3 13.9

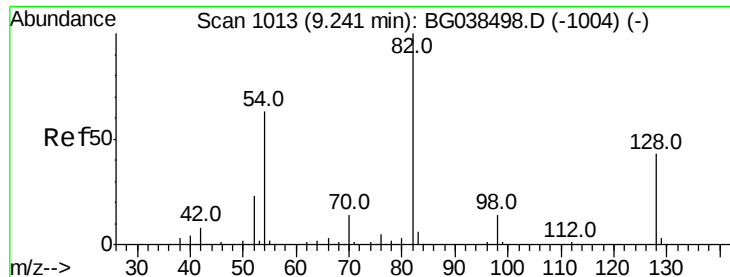
54 9.4 8.5 12.7

68 3.6 3.5 5.3



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

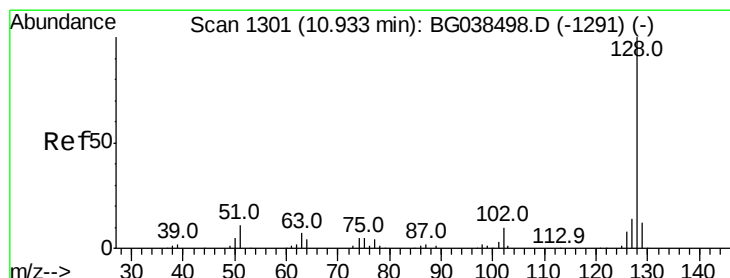
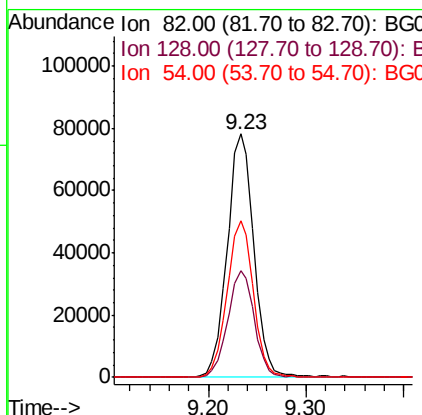
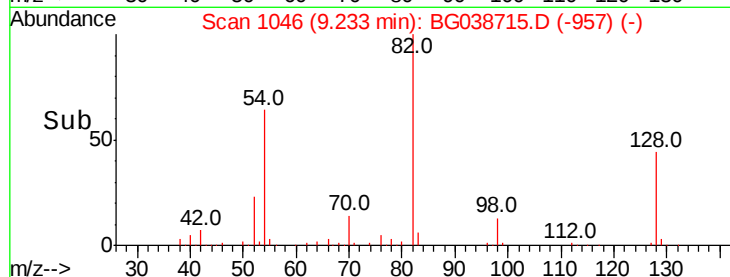
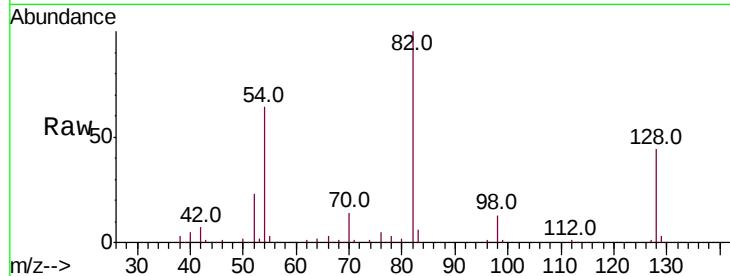




#23
 Nitrobenzene-d5
 Concen: 80.702 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038715.D
 Acq: 19 Dec 2018 5:52

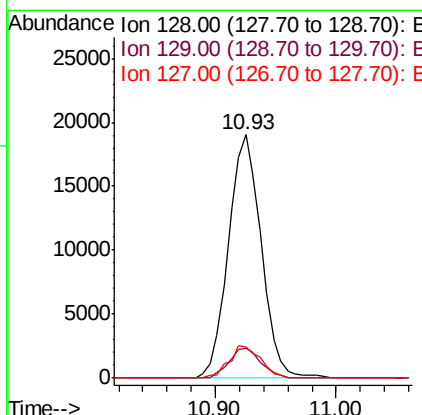
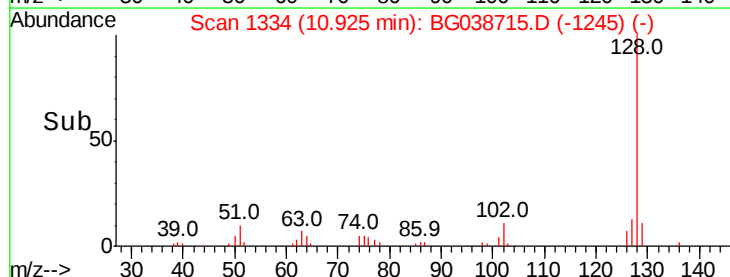
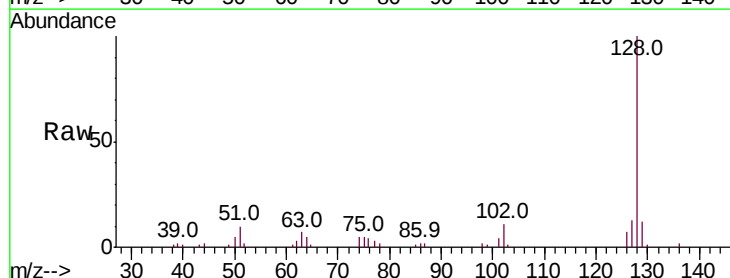
Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES

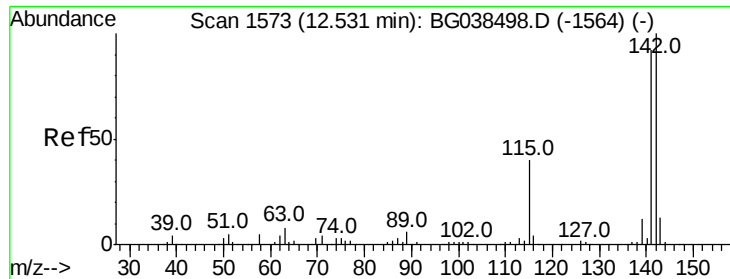
Tot Ion: 82 Resp: 147909
 Ion Ratio Lower Upper
 82 100
 128 43.8 34.6 52.0
 54 64.2 50.6 76.0



#31
 Naphthalene
 Concen: 7.775 ng
 RT: 10.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BG038715.D
 Acq: 19 Dec 2018 5:52

Tgt Ion: 128 Resp: 35868
 Ion Ratio Lower Upper
 128 100
 129 12.5 9.5 14.3
 127 12.8 10.9 16.3

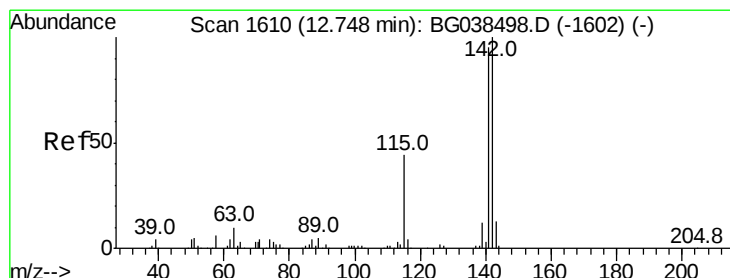
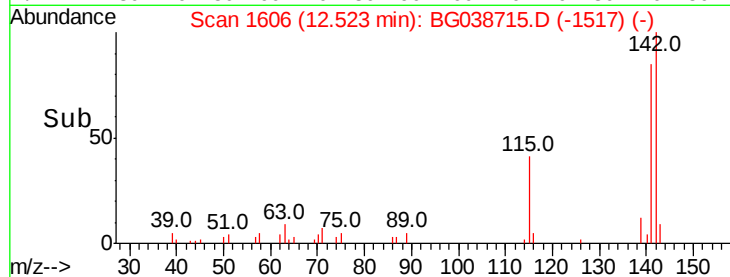
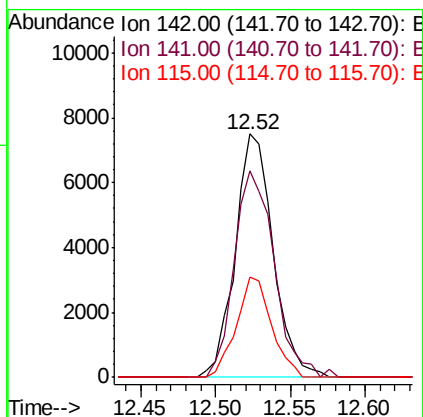
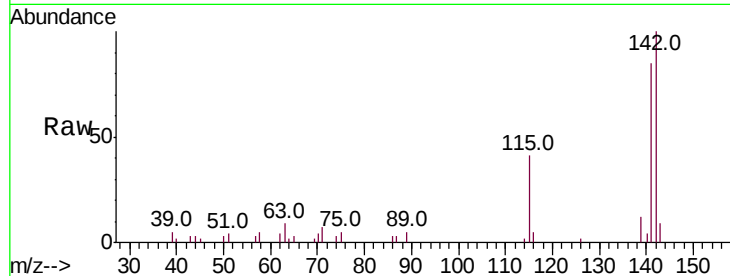




#37
2-Methylnaphthalene
Concen: 4.018 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

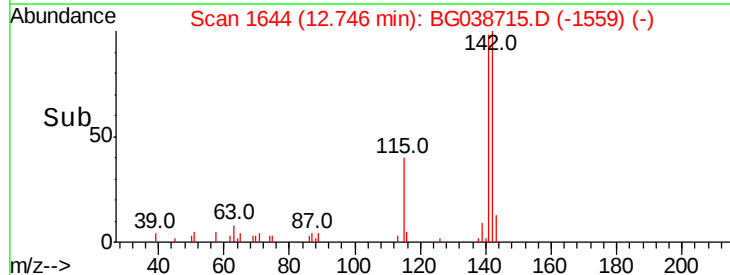
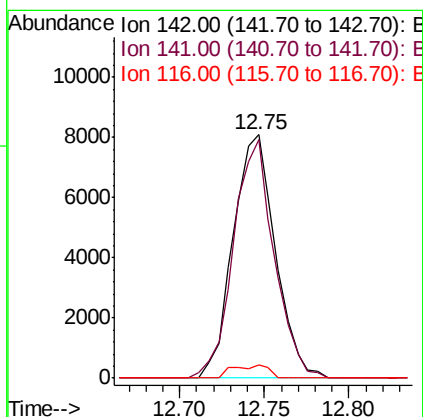
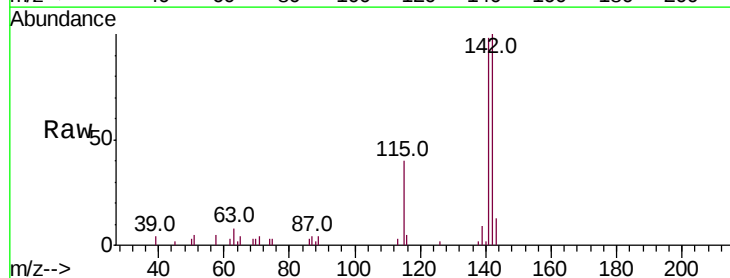
Instrument :
BNA_G
ClientSampleId :
OILY-STONES

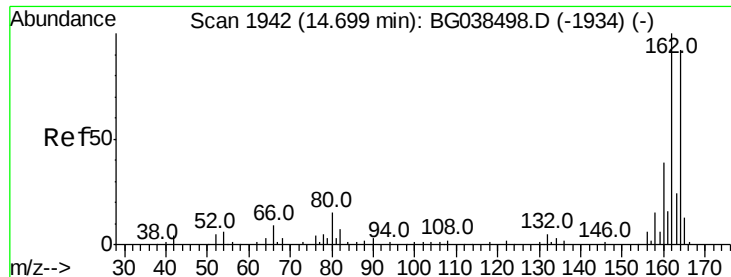
Tot Ion:142 Resp: 13223
Ion Ratio Lower Upper
142 100
141 84.6 73.5 110.3
115 41.0 31.7 47.5



#38
1-Methylnaphthalene
Concen: 4.402 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Tgt Ion:142 Resp: 14059
Ion Ratio Lower Upper
142 100
141 98.0 75.8 113.8
116 5.2 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038715.D

Acq: 19 Dec 2018 5:52

Instrument :

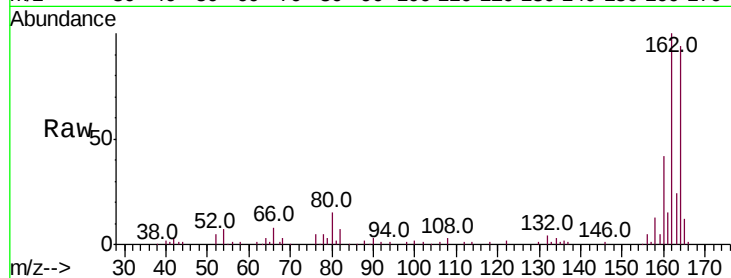
BNA_G

ClientSampleId :

OILY-STONES

Tot Ion:164 Resp: 61598

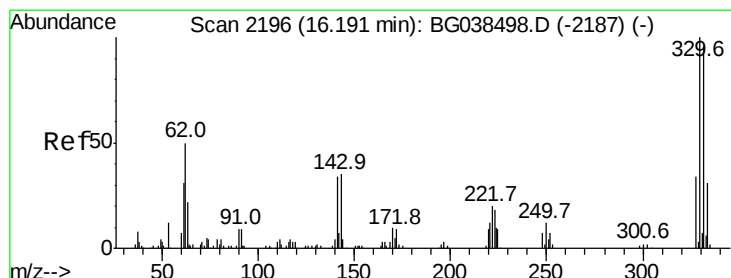
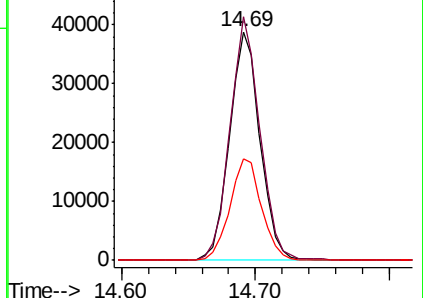
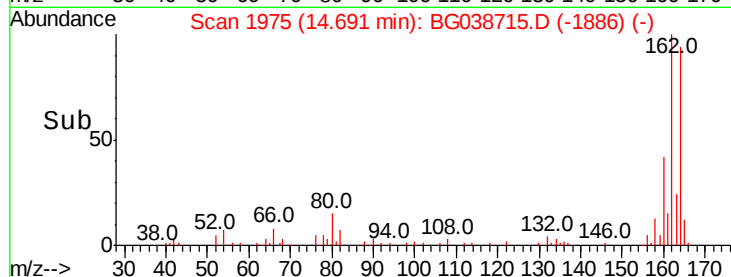
Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.6	130.0
160	44.3	34.2	51.2



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



#42

2,4,6-Tribromophenol

Concen: 133.584 ng

RT: 16.18 min Scan# 2229

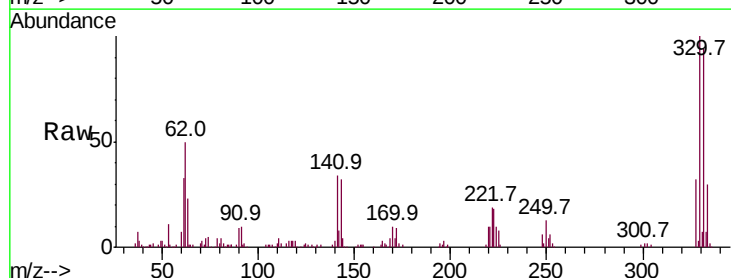
Delta R.T. -0.01 min

Lab File: BG038715.D

Acq: 19 Dec 2018 5:52

Tgt Ion:330 Resp: 113404

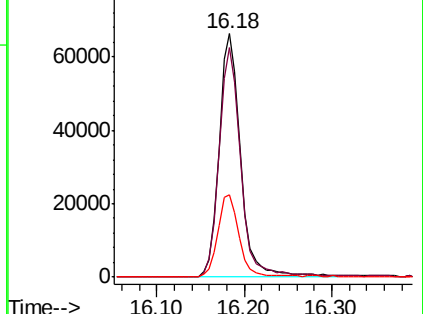
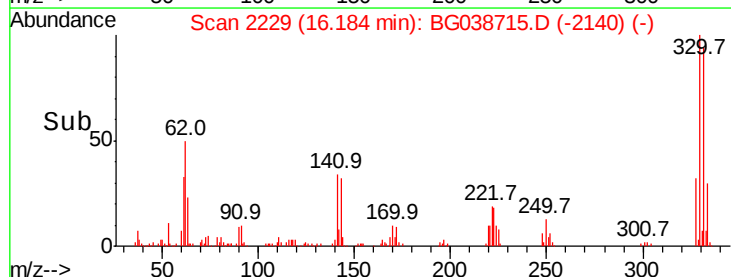
Ion	Ratio	Lower	Upper
330	100		
332	93.9	76.9	115.3
141	33.8	28.8	43.2

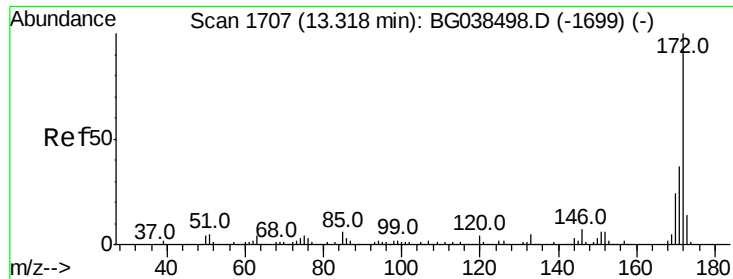


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 83.969 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG038715.D

Acq: 19 Dec 2018 5:52

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

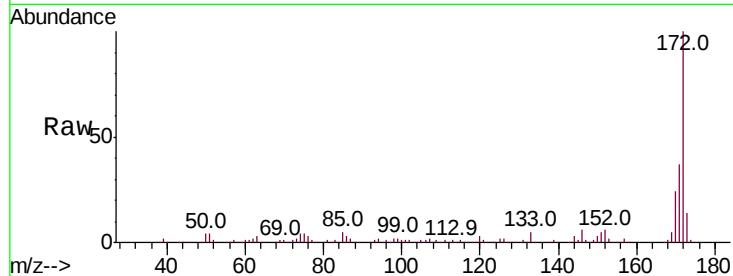
Tot Ion:172 Resp: 377031

Ion Ratio Lower Upper

172 100

171 37.1 29.8 44.6

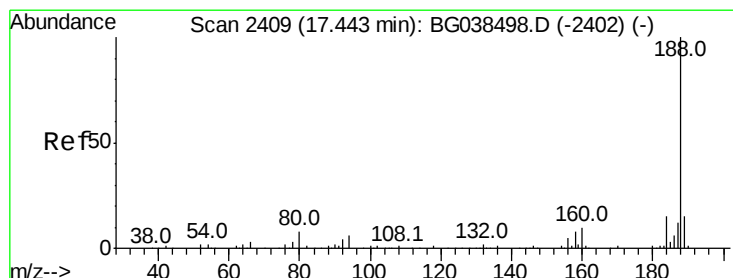
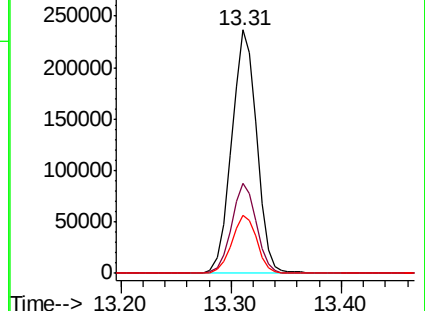
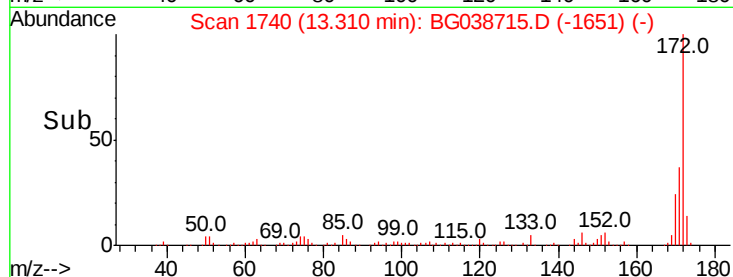
170 23.6 19.5 29.3



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038715.D

Acq: 19 Dec 2018 5:52

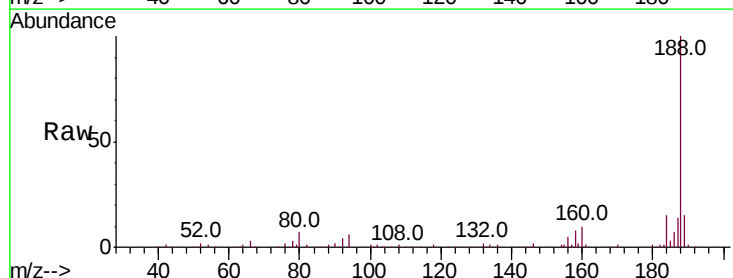
Tgt Ion:188 Resp: 165544

Ion Ratio Lower Upper

188 100

94 5.9 5.1 7.7

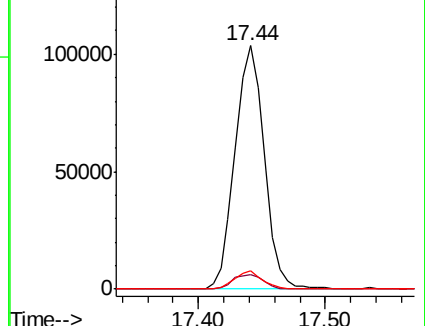
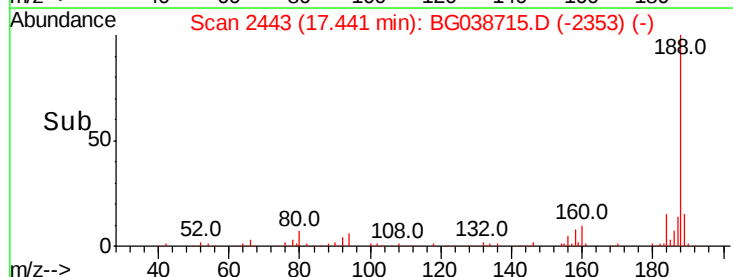
80 7.4 6.1 9.1

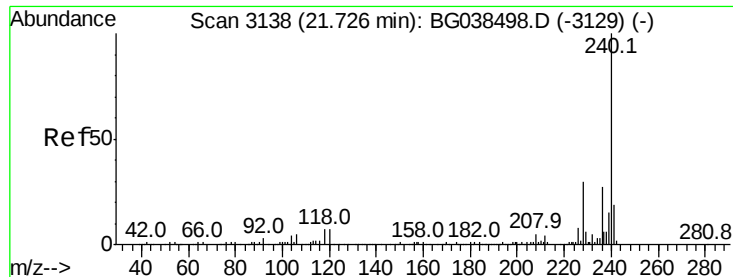


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038715.D

Acq: 19 Dec 2018 5:52

Instrument :

BNA_G

ClientSampled :

OILY-STONES

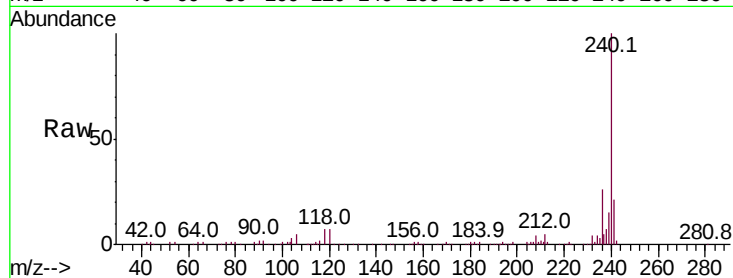
Tot Ion:240 Resp: 179953

Ion Ratio Lower Upper

240 100

120 7.1 5.3 7.9

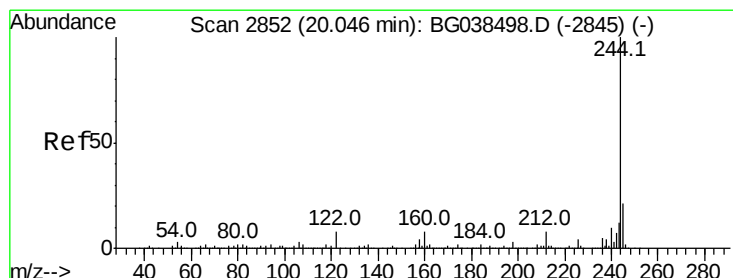
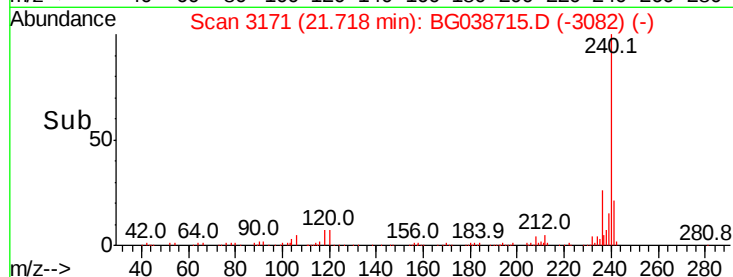
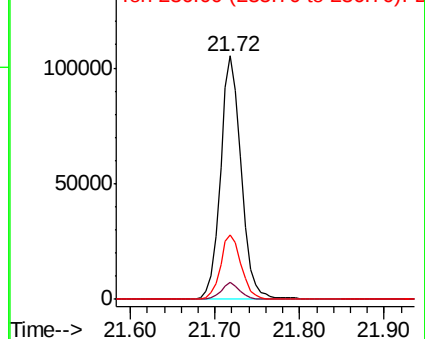
236 26.3 21.4 32.2



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



#79

Terphenyl-d14

Concen: 94.773 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038715.D

Acq: 19 Dec 2018 5:52

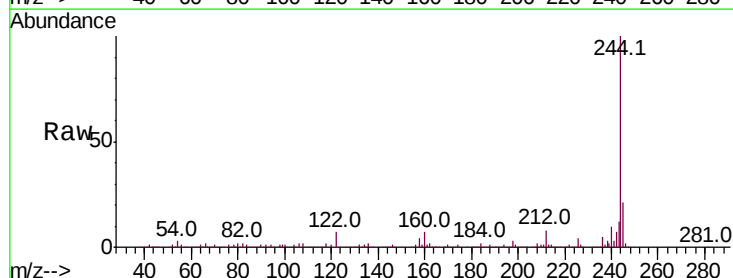
Tgt Ion:244 Resp: 783642

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

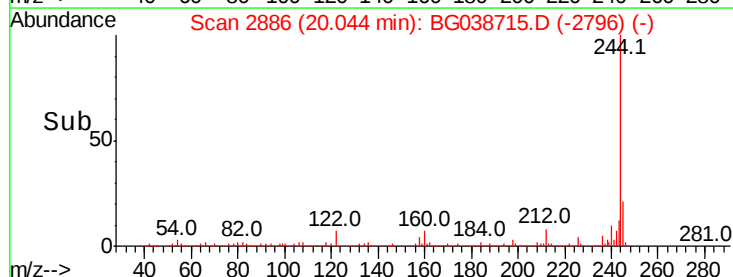
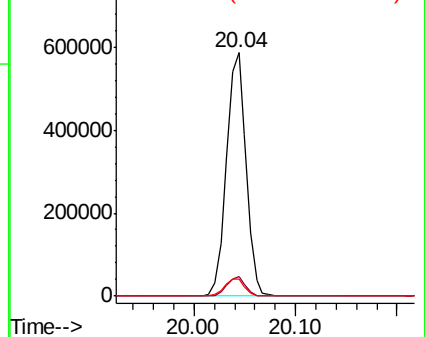
122 6.9 6.3 9.5

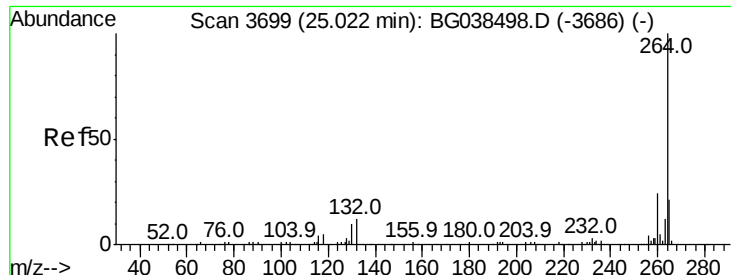


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

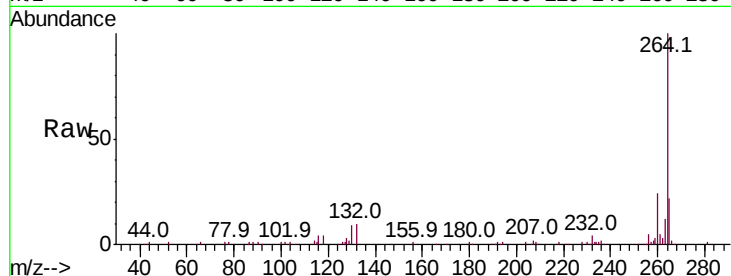




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3732
 Delta R.T. -0.01 min
 Lab File: BG038715.D
 Acq: 19 Dec 2018 5:52

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES

Tot Ion:264	Resp:	182597
Ion Ratio	Lower	Upper
264	100	
260	23.7	18.9 28.3
265	21.9	17.0 25.4



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

