

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032970.D
 Acq On : 3 Mar 2018 7:21
 Operator : SJ/JU
 Sample : J1767-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-72-11998-CONCRETE

Quant Time: Mar 05 02:21:19 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

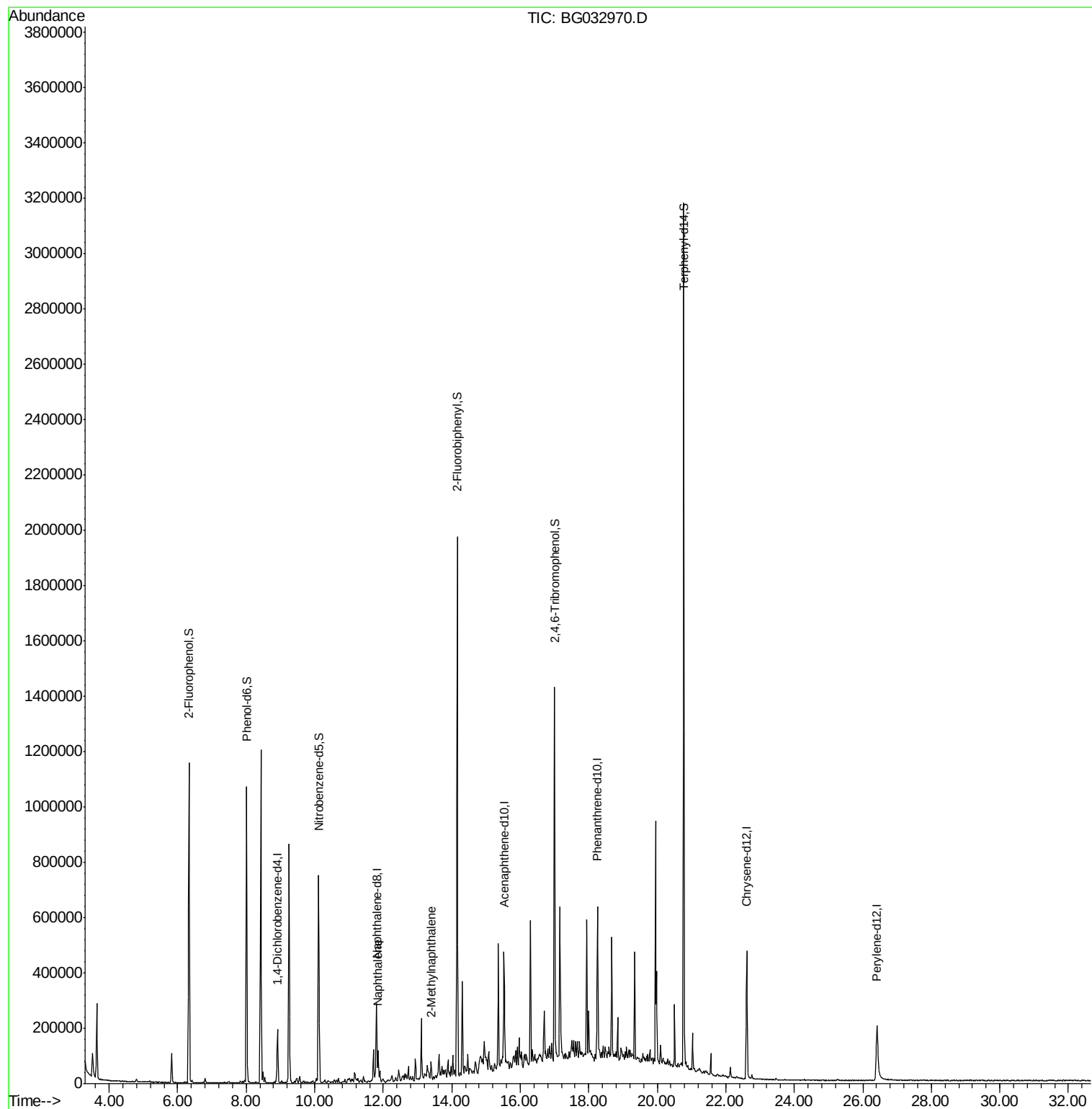
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	57368	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	251069	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	143744	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	326478	20.00	ng	0.00
75) Chrysene-d12	22.61	240	311328	20.00	ng	0.00
86) Perylene-d12	26.41	264	282740	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	524001	146.13	ng	0.00
7) Phenol-d6	8.01	99	643622	128.77	ng	0.00
23) Nitrobenzene-d5	10.11	82	458327	121.82	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	247927	164.04	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	972987	97.62	ng	0.00
78) Terphenyl-d14	20.77	244	1474121	106.38	ng	0.00
Target Compounds						
31) Naphthalene	11.85	128	91763	6.995	ng	100
37) 2-Methylnaphthalene	13.40	142	30355	3.198	ng	89

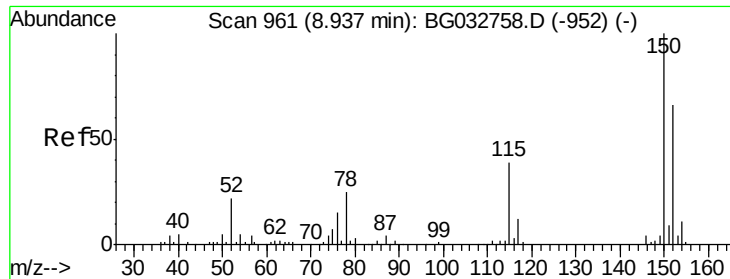
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 05 02:21:19 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration



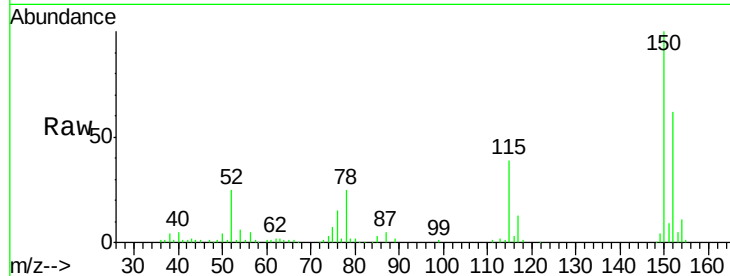


#1

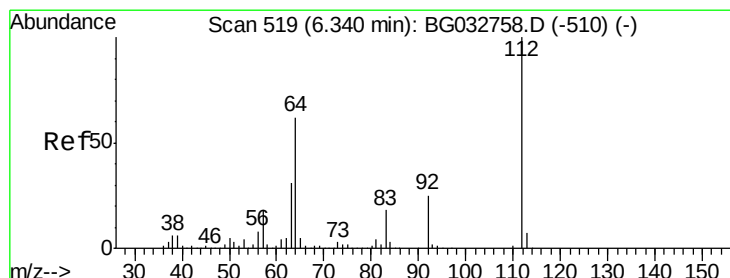
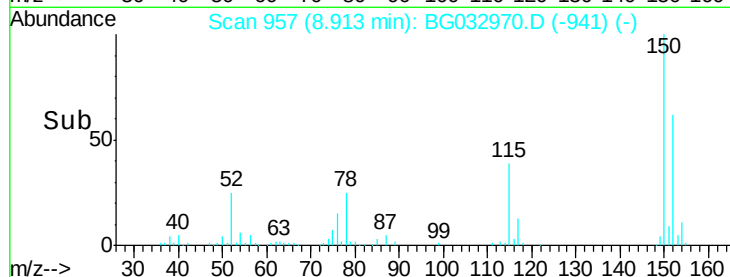
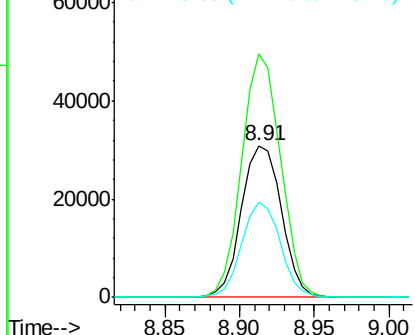
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG032970.D
Acq: 3 Mar 2018 7:21

Instrument :
BNA_G
ClientSampleId :
RO-72-11998-CONCRETE

Tot Ion:152 Resp: 57368
Ion Ratio Lower Upper
152 100
150 160.7 126.6 189.8
115 63.0 53.0 79.4



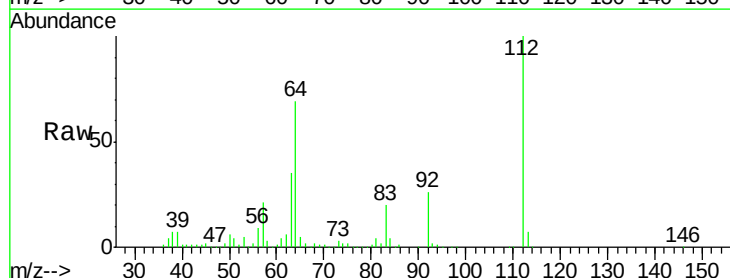
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



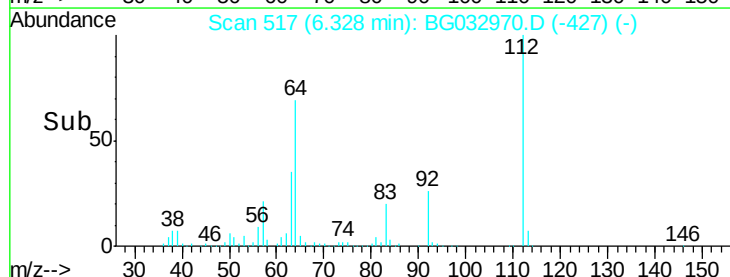
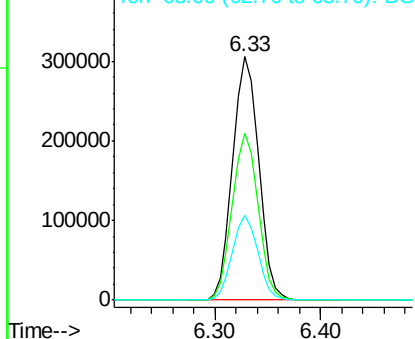
#5

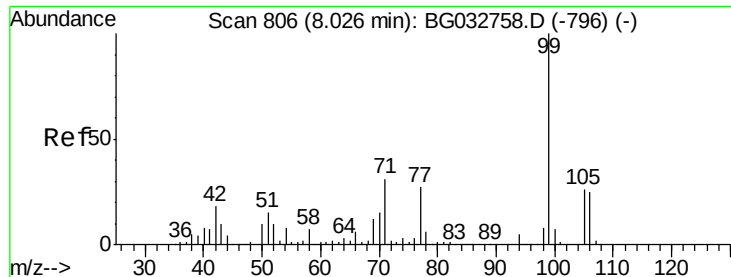
2-Fluorophenol
Concen: 146.131 ng
RT: 6.33 min Scan# 517
Delta R.T. -0.00 min
Lab File: BG032970.D
Acq: 3 Mar 2018 7:21

Tgt Ion:112 Resp: 524001
Ion Ratio Lower Upper
112 100
64 68.7 56.3 84.5
63 35.0 30.1 45.1



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: 128.772 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG032970.D

Acq: 3 Mar 2018 7:21

Instrument :

BNA_G

ClientSampleId :

RO-72-11998-CONCRETE

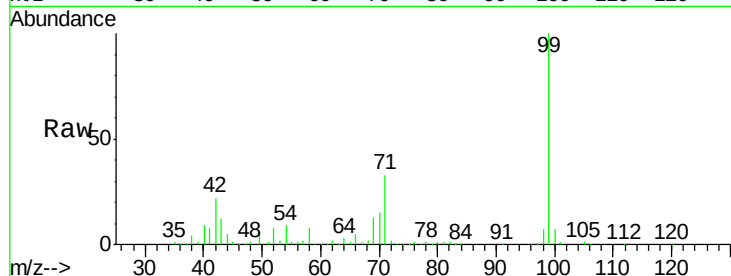
Tot Ion: 99 Resp: 643622

Ion Ratio Lower Upper

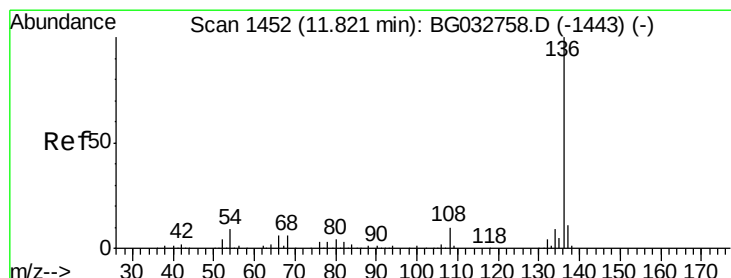
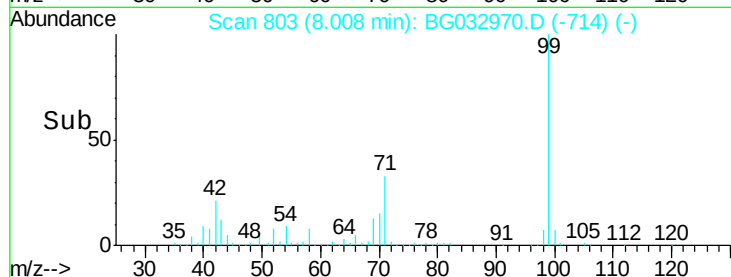
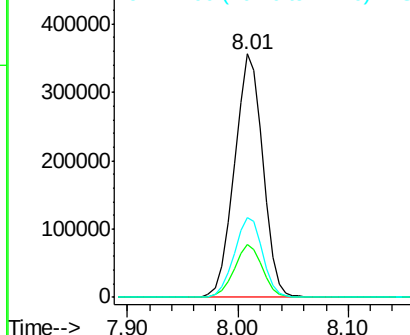
99 100

42 21.6 14.1 21.1#

71 32.7 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: 11.80 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BG032970.D

Acq: 3 Mar 2018 7:21

Tgt Ion: 136 Resp: 251069

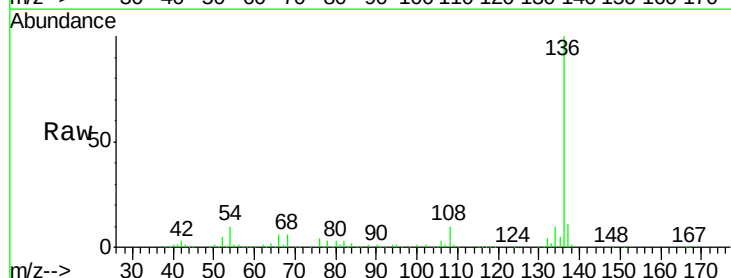
Ion Ratio Lower Upper

136 100

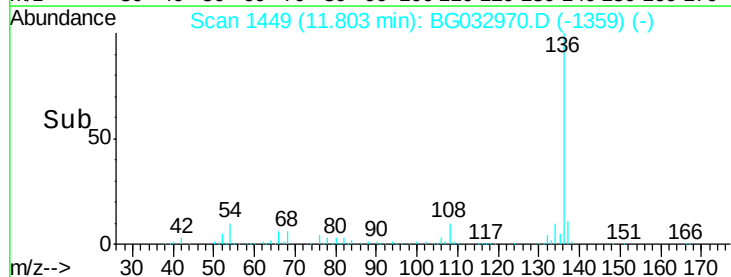
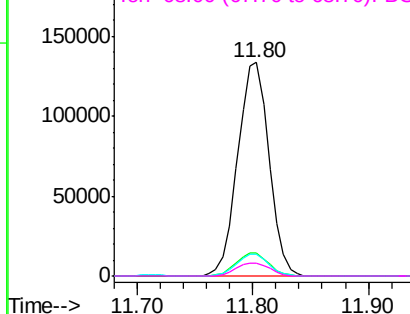
137 11.0 9.2 13.8

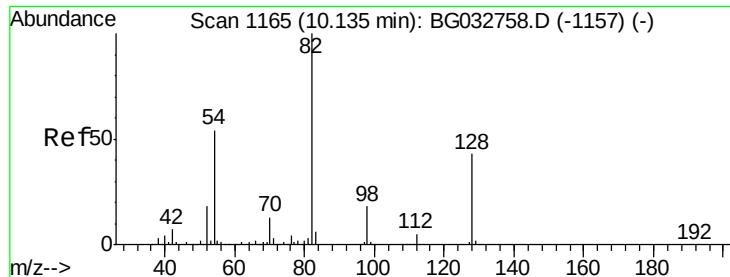
54 10.5 10.3 15.5

68 6.2 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

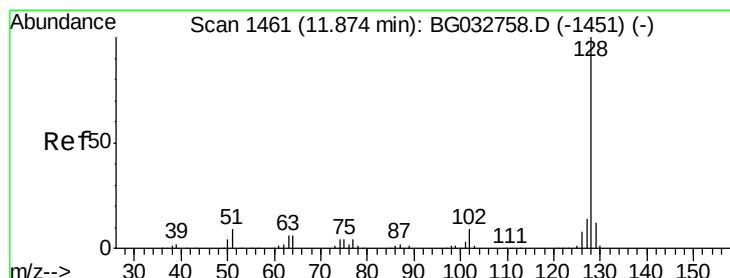
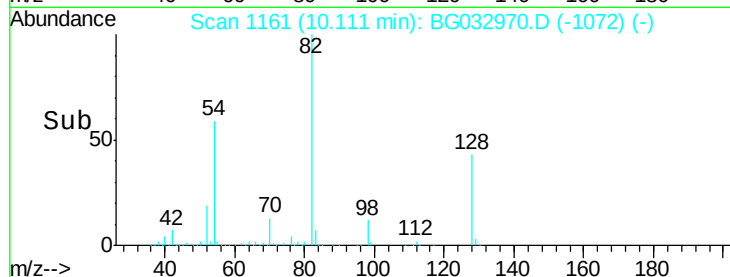
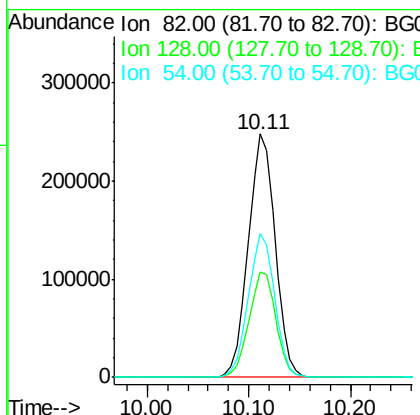
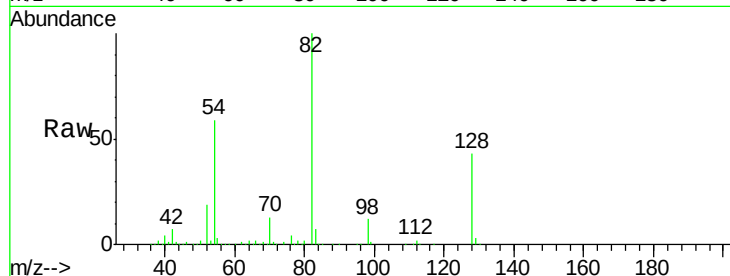




#23
 Nitrobenzene-d5
 Concen: 121.820 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BG032970.D
 Acq: 3 Mar 2018 7:21

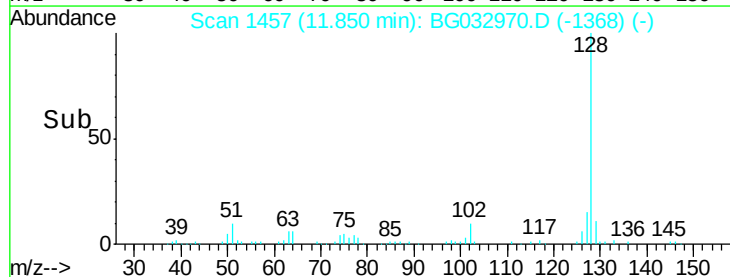
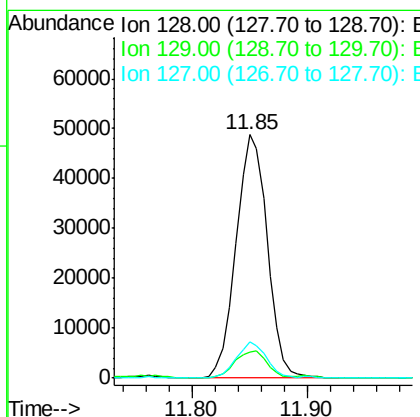
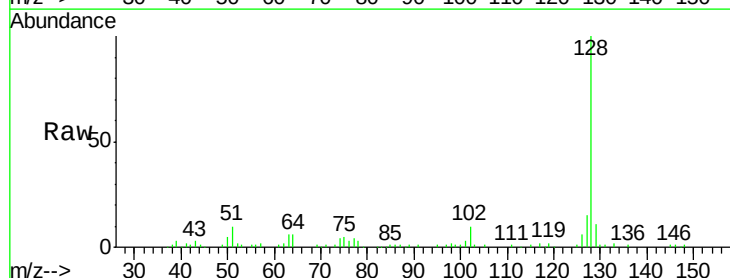
Instrument :
 BNA_G
 ClientSampleId :
 RO-72-11998-CONCRETE

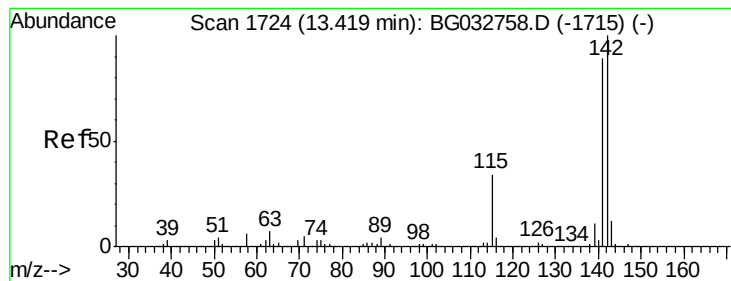
Tot Ion	82	Resp	458327
Ion Ratio	Lower	Upper	
82	100		
128	43.3	29.7	44.5
54	58.9	43.1	64.7



#31
 Naphthalene
 Concen: 6.995 ng
 RT: 11.85 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BG032970.D
 Acq: 3 Mar 2018 7:21

Tgt Ion	128	Resp	91763
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.6	12.8
127	14.7	11.6	17.4





#37

2-Methylnaphthalene

Concen: 3.198 ng

RT: 13.40 min Scan# 1721

Delta R.T. -0.01 min

Lab File: BG032970.D

Acq: 3 Mar 2018 7:21

Instrument :

BNA_G

ClientSampleId :

RO-72-11998-CONCRETE

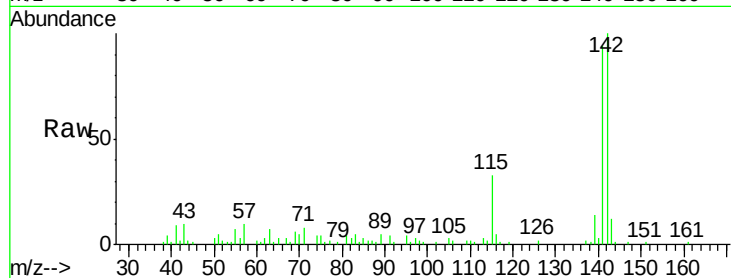
Tot Ion:142 Resp: 30355

Ion Ratio Lower Upper

142 100

141 94.2 67.1 100.7

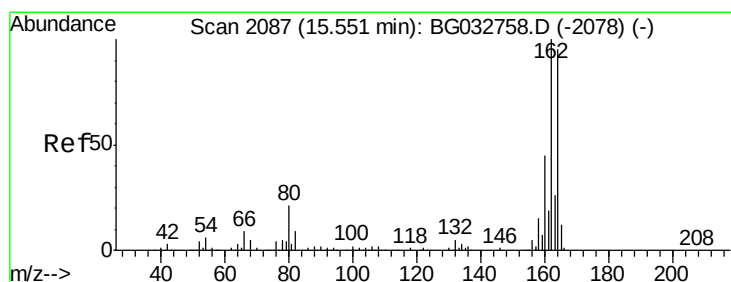
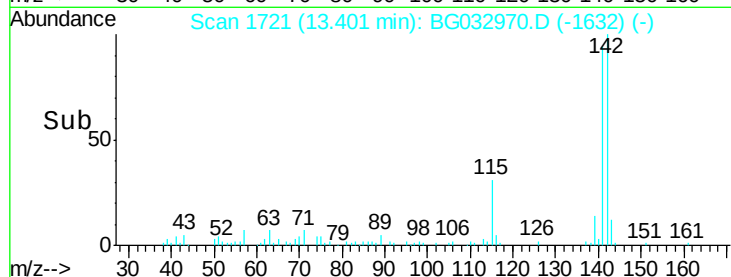
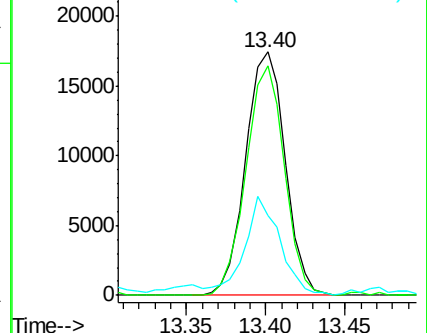
115 32.8 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.53 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BG032970.D

Acq: 3 Mar 2018 7:21

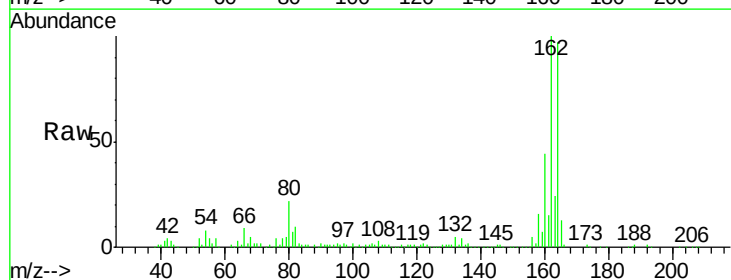
Tgt Ion:164 Resp: 143744

Ion Ratio Lower Upper

164 100

162 103.1 78.8 118.2

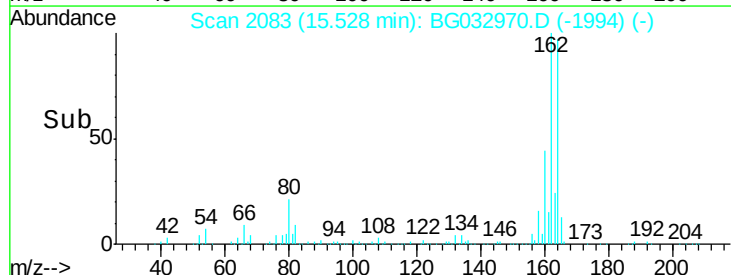
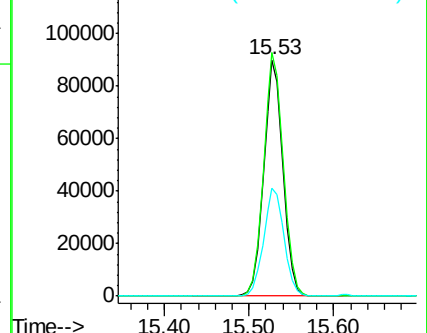
160 45.5 35.4 53.0

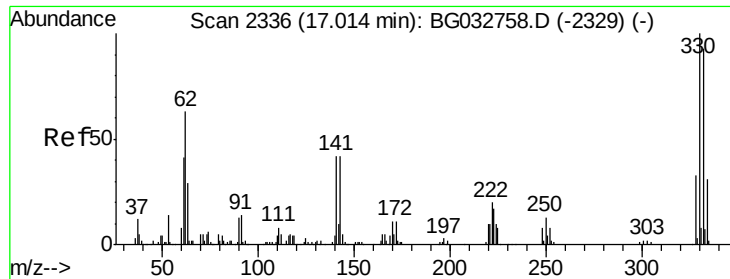


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

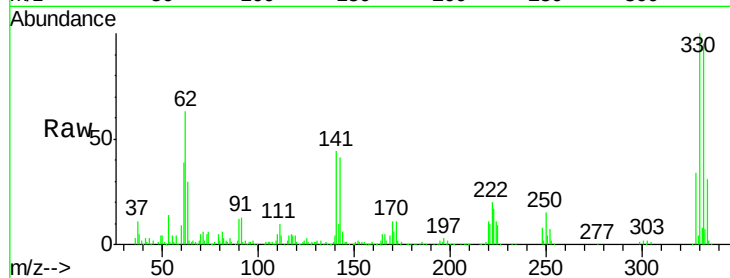




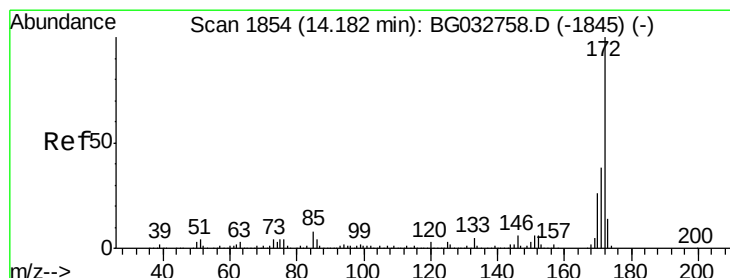
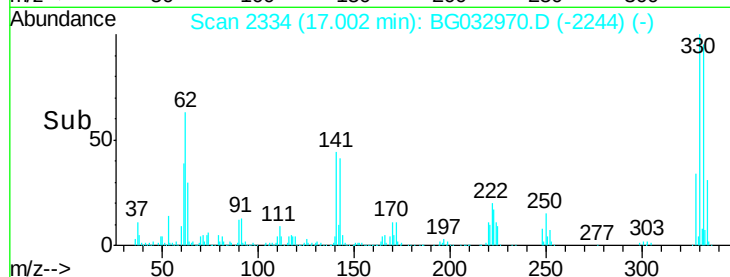
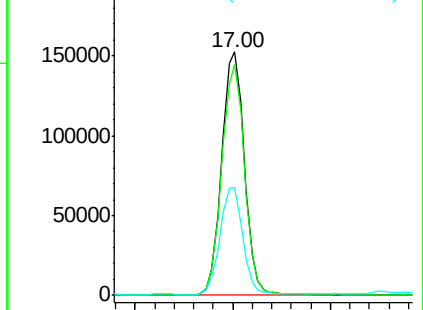
#41
 2,4,6-Tribromophenol
 Concen: 164.036 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.00 min
 Lab File: BG032970.D
 Acq: 3 Mar 2018 7:21

Instrument :
 BNA_G
 ClientSampleId :
 RO-72-11998-CONCRETE

Tot Ion:330 Resp: 247927
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 43.6 25.2 37.8#

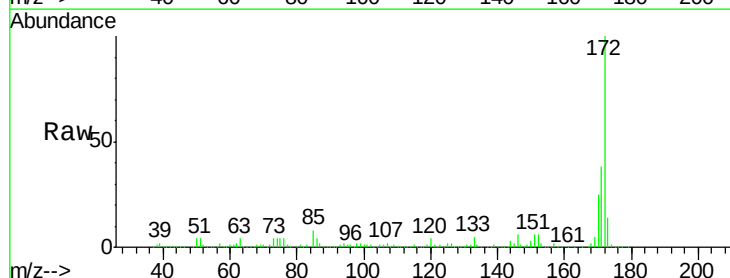


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

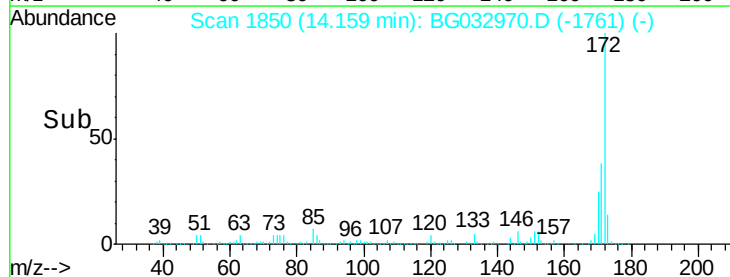
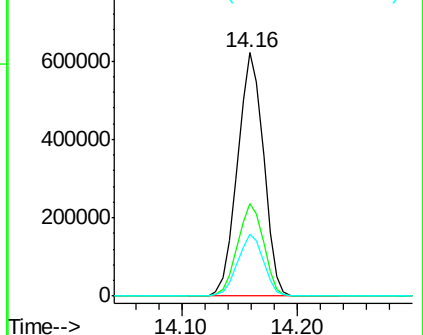


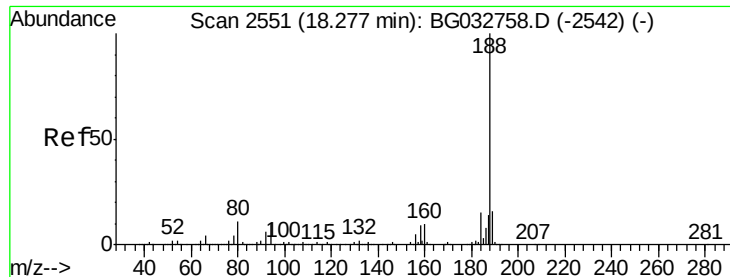
#44
 2-Fluorobiphenyl
 Concen: 97.624 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG032970.D
 Acq: 3 Mar 2018 7:21

Tgt Ion:172 Resp: 972987
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 25.2 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: 18.26 min Scan# 2548

Delta R.T. -0.00 min

Lab File: BG032970.D

Acq: 3 Mar 2018 7:21

Instrument :

BNA_G

ClientSampleId :

RO-72-11998-CONCRETE

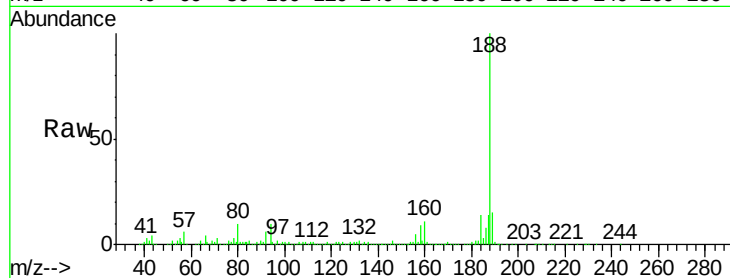
Tot Ion:188 Resp: 326478

Ion Ratio Lower Upper

188 100

94 10.5 6.9 10.3#

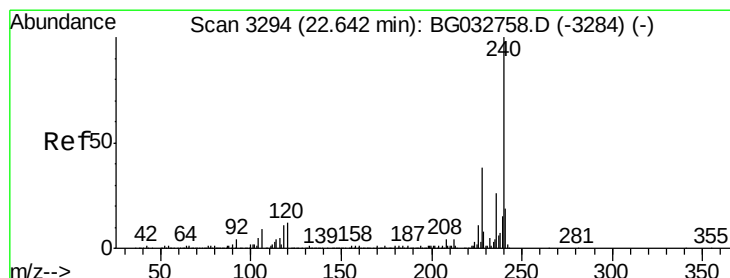
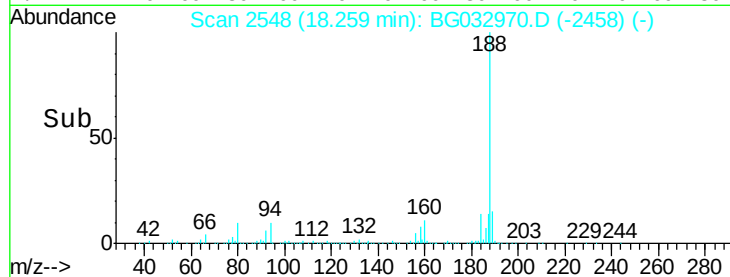
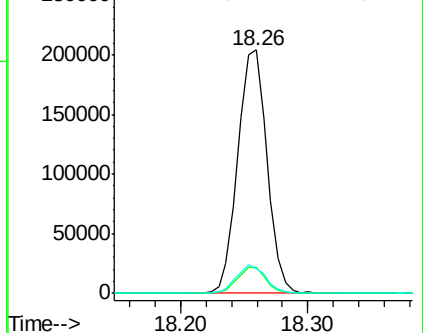
80 10.1 7.7 11.5



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: 22.61 min Scan# 3289

Delta R.T. -0.01 min

Lab File: BG032970.D

Acq: 3 Mar 2018 7:21

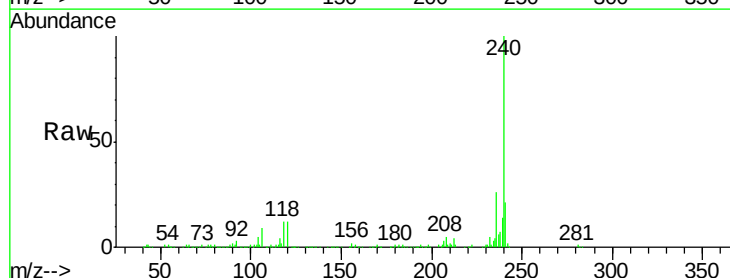
Tgt Ion:240 Resp: 311328

Ion Ratio Lower Upper

240 100

120 11.9 6.8 10.2#

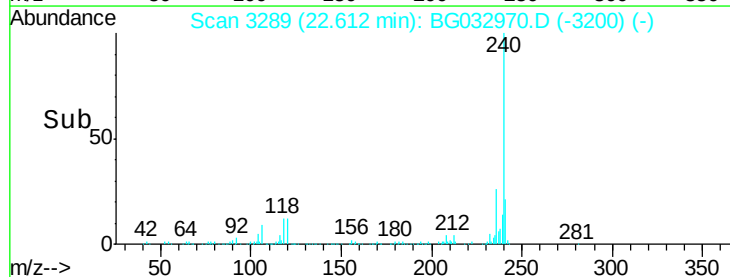
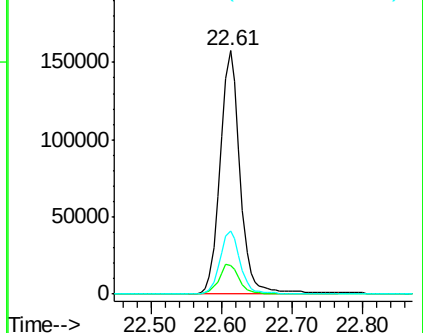
236 25.9 20.9 31.3

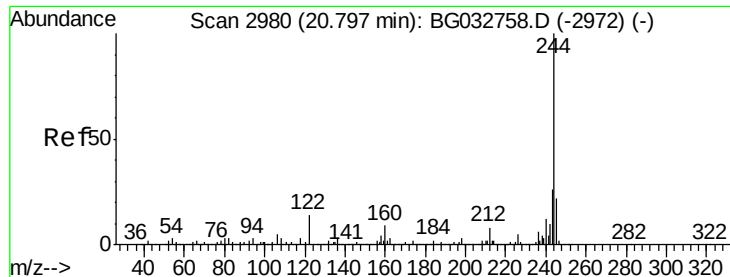


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

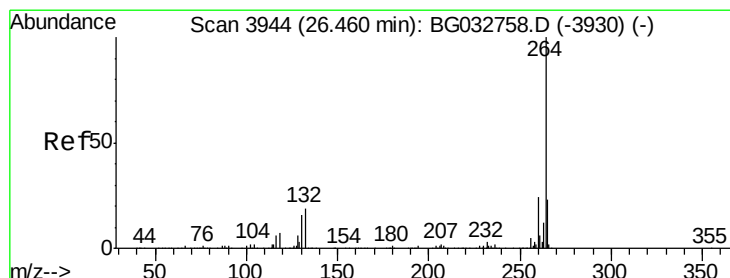
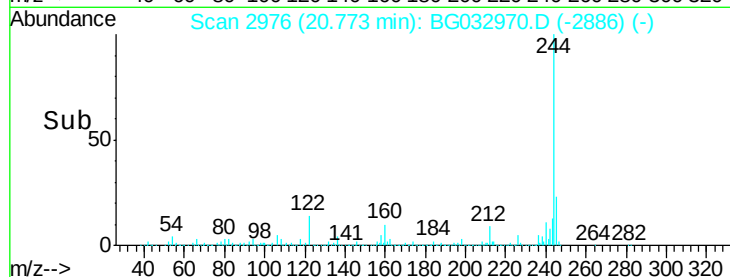
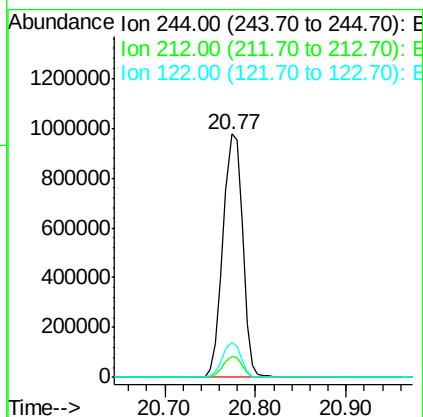
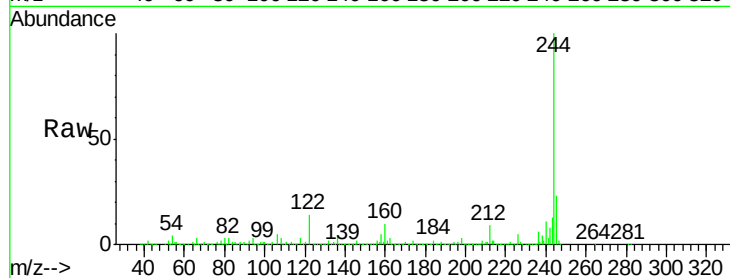




#78
 Terphenyl-d14
 Concen: 106.381 ng
 RT: 20.77 min Scan# 2976
 Delta R.T. -0.00 min
 Lab File: BG032970.D
 Acq: 3 Mar 2018 7:21

Instrument :
 BNA_G
 ClientSampleId :
 RO-72-11998-CONCRETE

Tot Ion:244 Resp: 1474121
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.8 8.8#
 122 14.3 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.41 min Scan# 3936
 Delta R.T. -0.01 min
 Lab File: BG032970.D
 Acq: 3 Mar 2018 7:21

Tgt Ion:264 Resp: 282740
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.4 26.0
 265 21.1 17.7 26.5

