

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG012918\
 Data File : BG032431.D
 Acq On : 30 Jan 2018 1:35
 Operator : SJ/JU
 Sample : J1303-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLUDGE-PIT

Quant Time: Jan 30 05:56:03 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

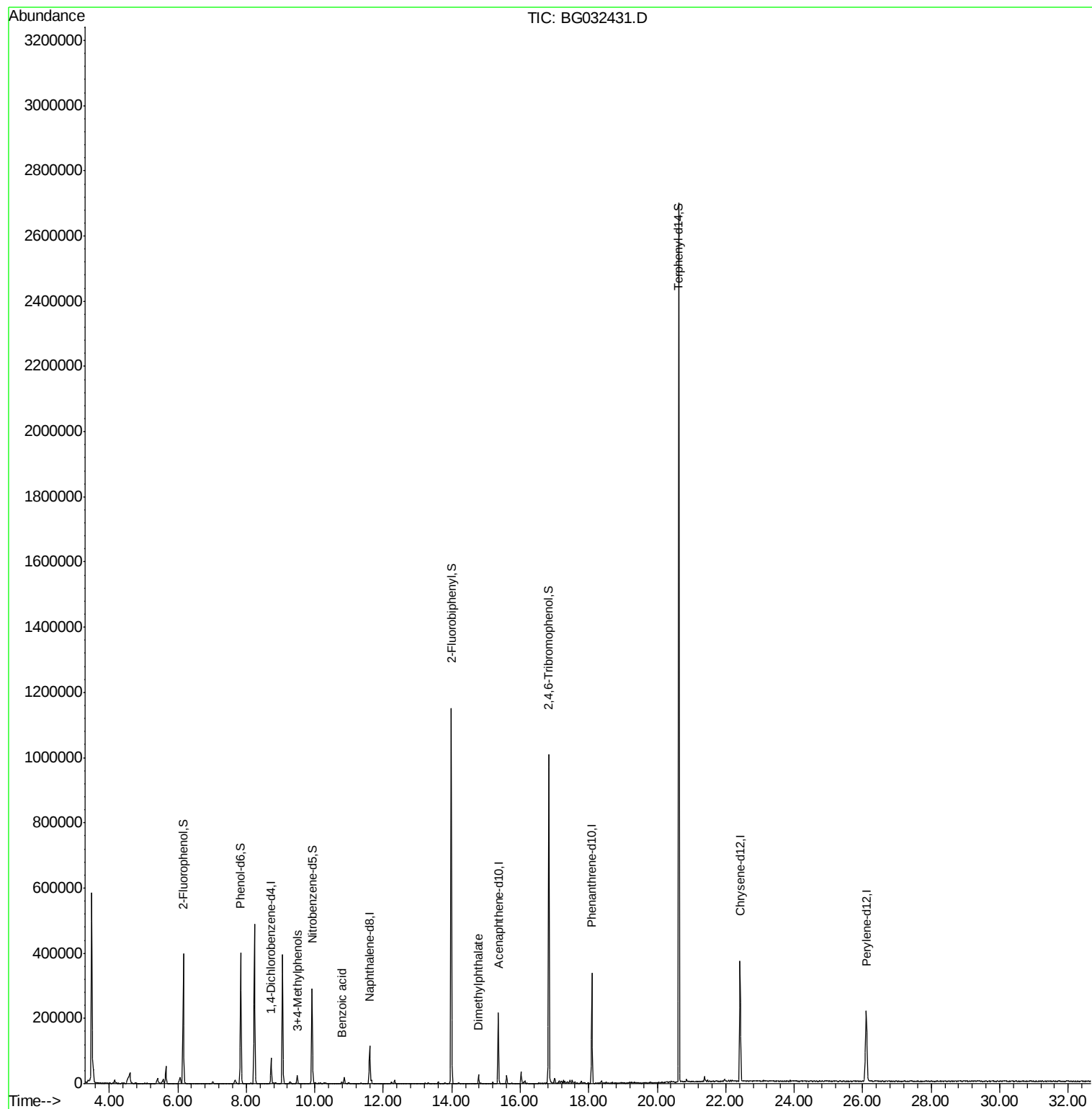
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	25262	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	109200	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	82132	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	232785	20.00	ng	0.00
75) Chrysene-d12	22.42	240	281829	20.00	ng	0.00
86) Perylene-d12	26.10	264	304305	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	197466	157.00	ng	0.00
7) Phenol-d6	7.83	99	238431	142.07	ng	0.00
23) Nitrobenzene-d5	9.92	82	181250	103.67	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	230516	147.45	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	682089	98.71	ng	0.00
78) Terphenyl-d14	20.63	244	1447719	110.04	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	9.49	107	13065	7.195	ng	87
32) Benzoic acid	10.80	122	2397	9.142	ng	# 75
49) Dimethylphthalate	14.78	163	21223	2.802	ng	# 99

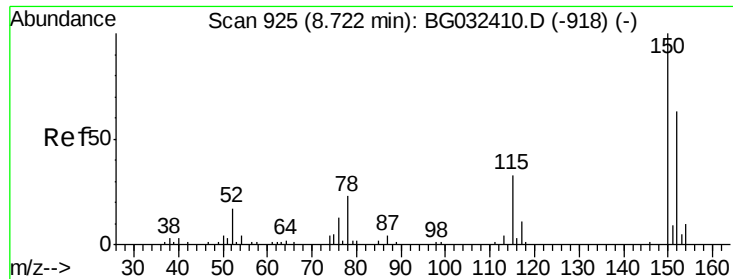
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG032431.D

Acq: 30 Jan 2018 1:35

Instrument :

BNA_G

ClientSampleId :

SLUDGE-PIT

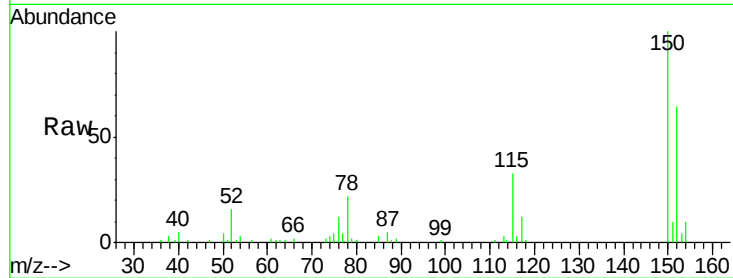
Tgt Ion:152 Resp: 25262

Ion Ratio Lower Upper

152 100

150 155.8 126.6 189.8

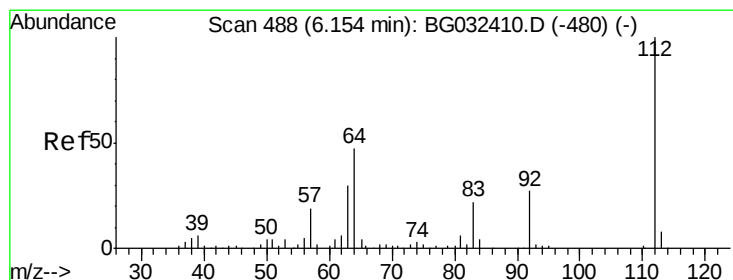
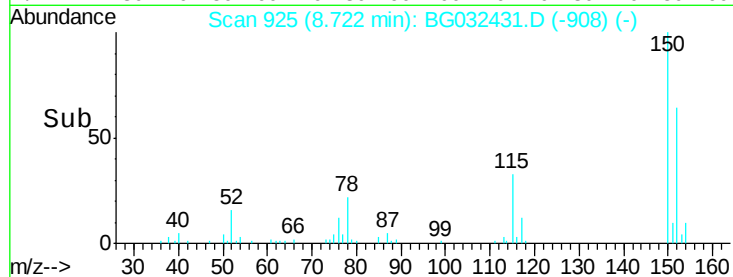
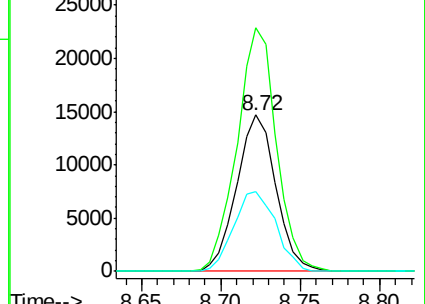
115 51.1 53.0 79.4#



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: 157.003 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG032431.D

Acq: 30 Jan 2018 1:35

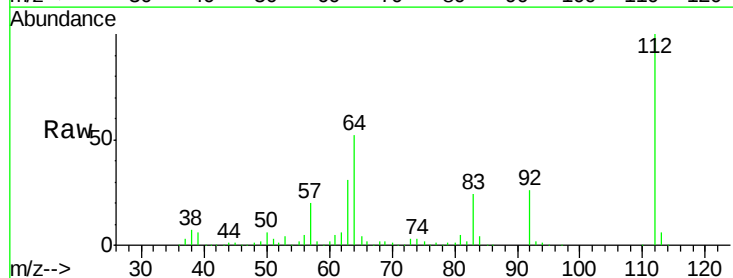
Tgt Ion:112 Resp: 197466

Ion Ratio Lower Upper

112 100

64 52.2 56.3 84.5#

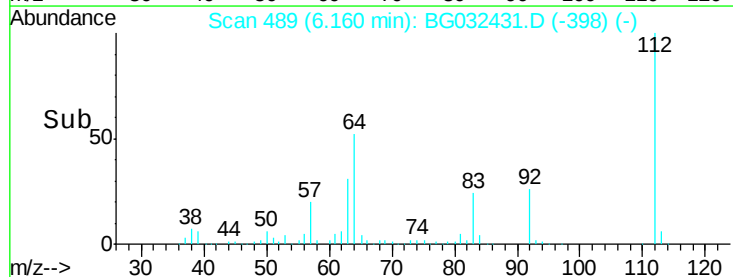
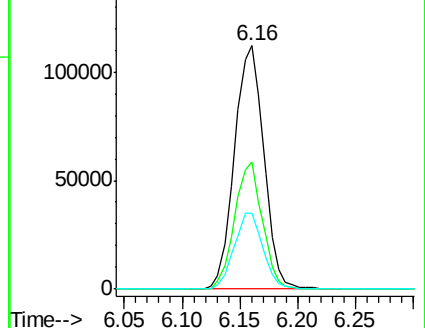
63 31.0 30.1 45.1

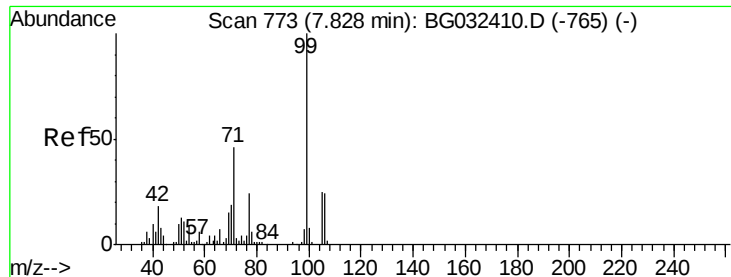


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 142.065 ng

RT: 7.83 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032431.D

Acq: 30 Jan 2018 1:35

Instrument :

BNA_G

ClientSampleId :

SLUDGE-PIT

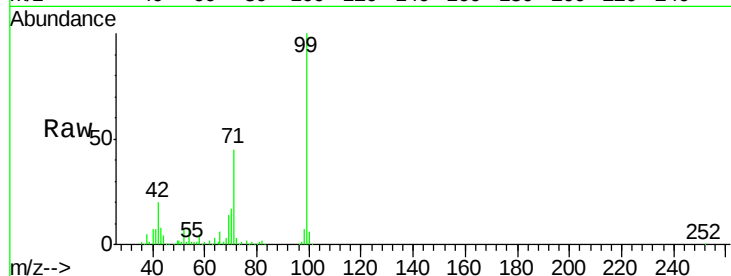
Tgt Ion: 99 Resp: 238431

Ion Ratio Lower Upper

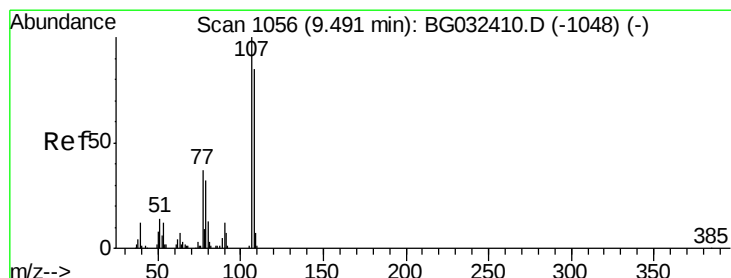
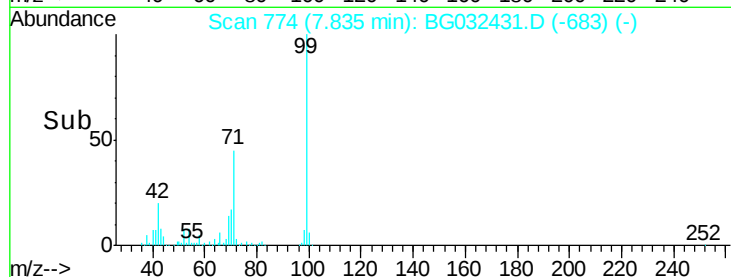
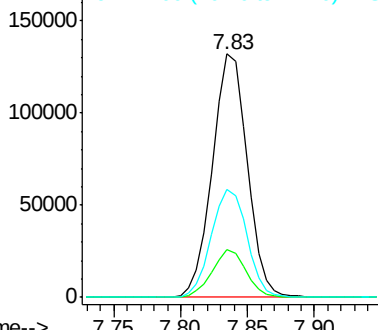
99 100

42 19.6 14.1 21.1

71 44.5 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



#20

3+4-Methylphenols

Concen: 7.195 ng

RT: 9.49 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BG032431.D

Acq: 30 Jan 2018 1:35

Tgt Ion: 107 Resp: 13065

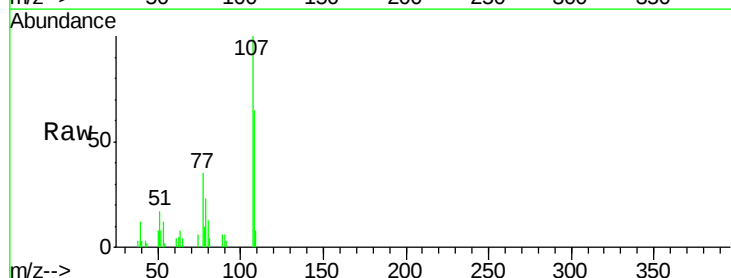
Ion Ratio Lower Upper

107 100

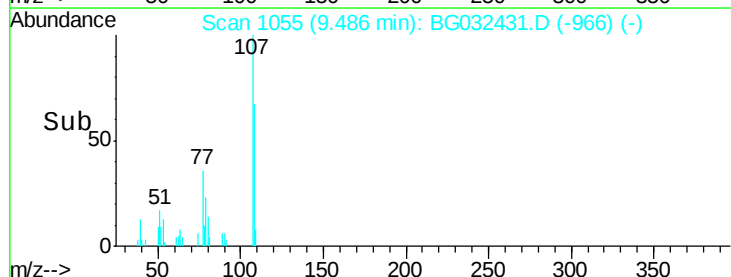
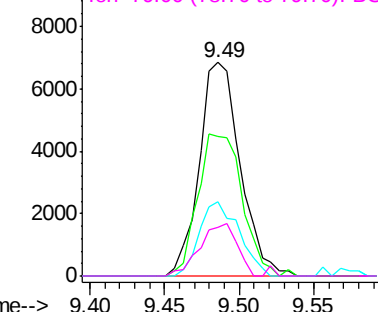
108 65.5 61.6 101.6

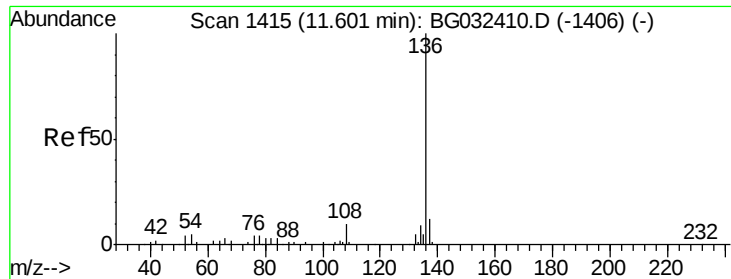
77 35.0 13.9 53.9

79 22.7 8.8 48.8



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

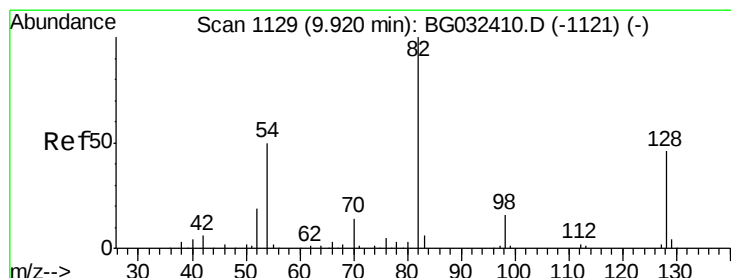
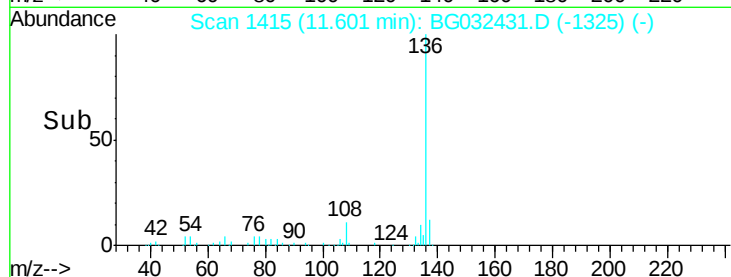
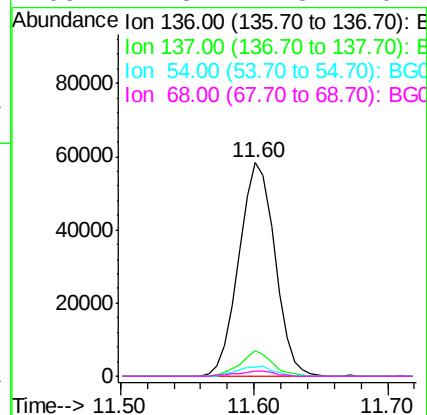
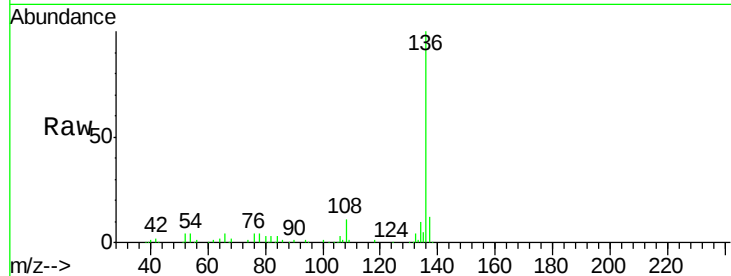




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BG032431.D
Acq: 30 Jan 2018 1:35

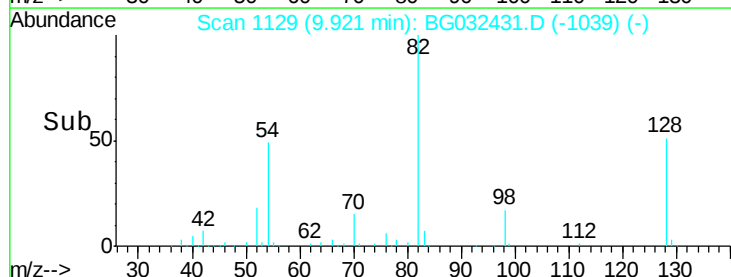
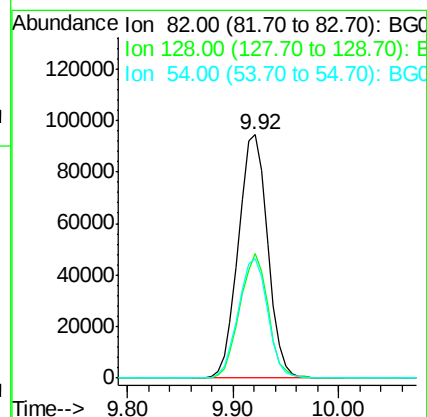
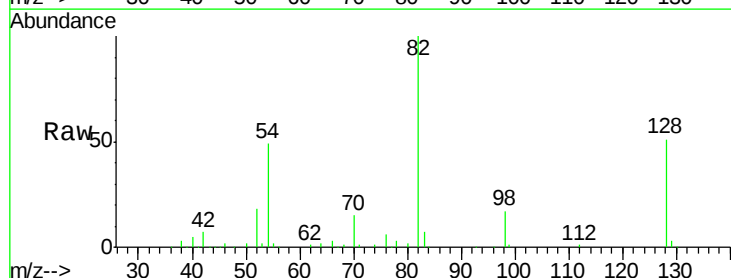
Instrument :
BNA_G
ClientSampleId :
SLUDGE-PIT

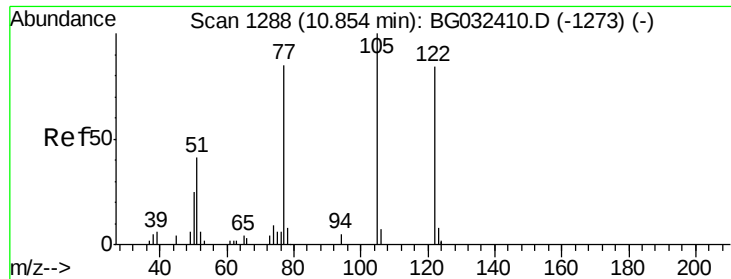
Tgt Ion:	136	Resp:	109200
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.2	13.8
54	4.3	10.3	15.5#
68	2.3	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 103.672 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BG032431.D
Acq: 30 Jan 2018 1:35

Tgt Ion:	82	Resp:	181250
Ion	Ratio	Lower	Upper
82	100		
128	51.1	29.7	44.5#
54	49.0	43.1	64.7

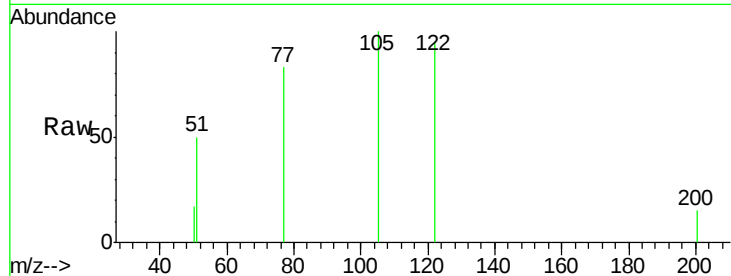




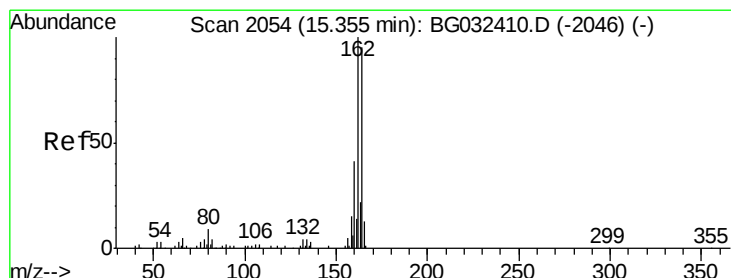
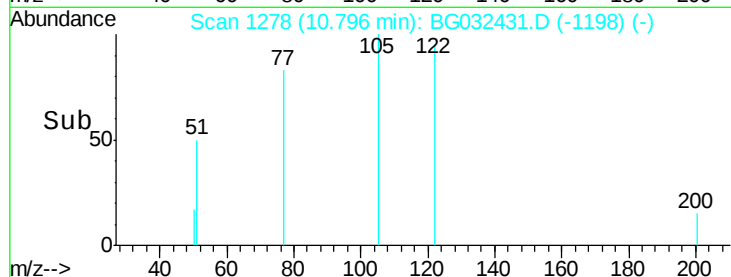
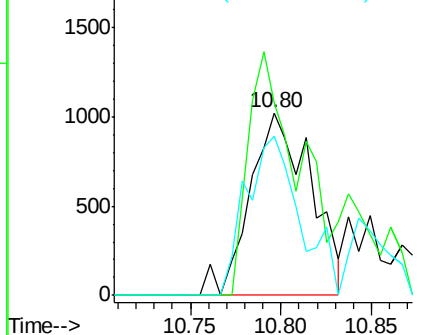
#32
Benzoic acid
Concen: 9.142 ng
RT: 10.80 min Scan# 1278
Delta R.T. -0.06 min
Lab File: BG032431.D
Acq: 30 Jan 2018 1:35

Instrument :
BNA_G
ClientSampleId :
SLUDGE-PIT

Tgt Ion:122 Resp: 2397
Ion Ratio Lower Upper
122 100
105 105.4 123.5 163.5#
77 87.3 85.7 125.7

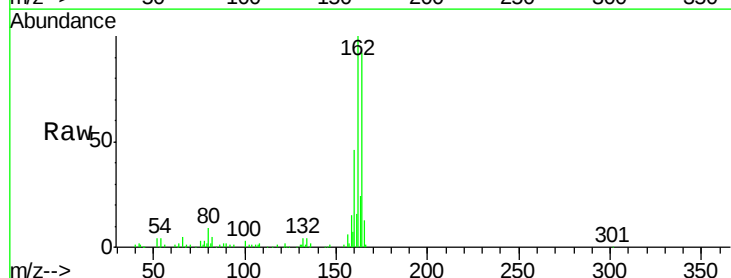


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

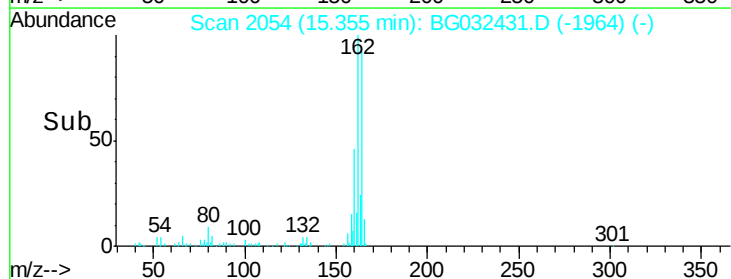
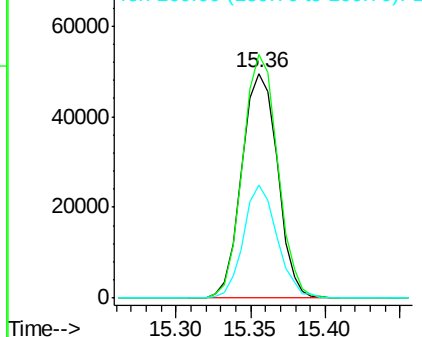


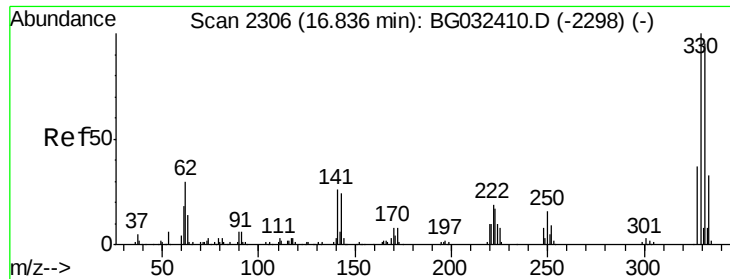
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BG032431.D
Acq: 30 Jan 2018 1:35

Tgt Ion:164 Resp: 82132
Ion Ratio Lower Upper
164 100
162 108.5 78.8 118.2
160 50.3 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

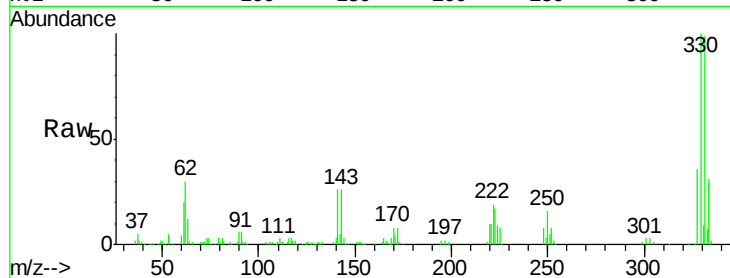




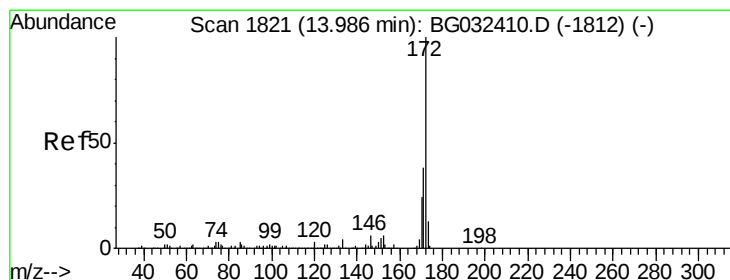
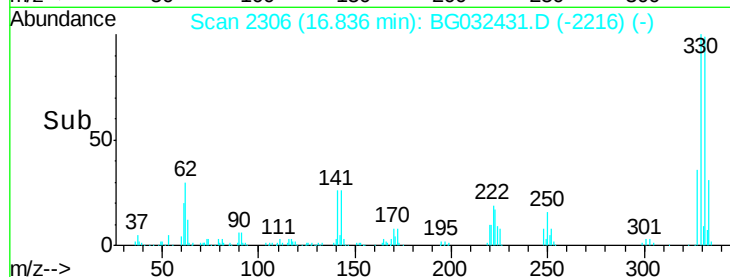
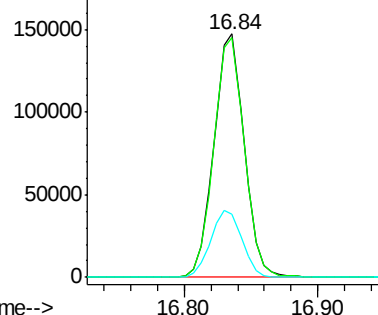
#41
 2,4,6-Tribromophenol
 Concen: 147.447 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: BG032431.D
 Acq: 30 Jan 2018 1:35

Instrument :
 BNA_G
 ClientSampleId :
 SLUDGE-PIT

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.0	115.6
141	28.7	25.2	37.8

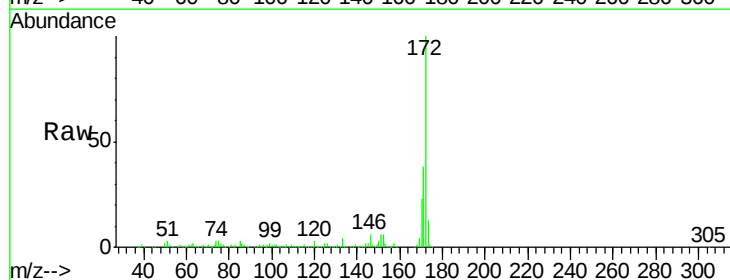


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

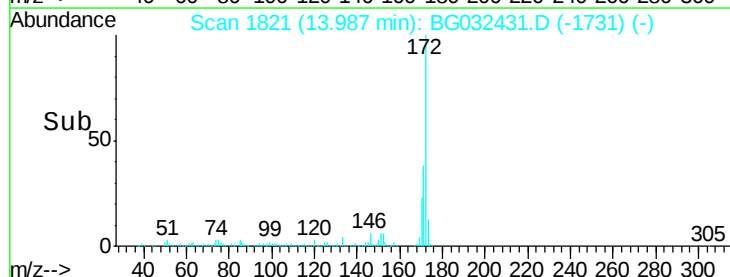
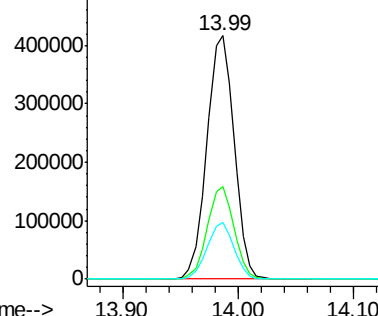


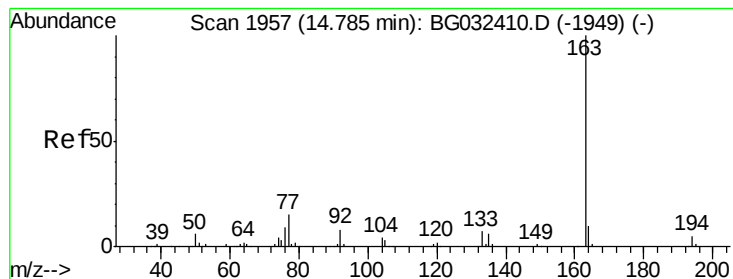
#44
 2-Fluorobiphenyl
 Concen: 98.708 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG032431.D
 Acq: 30 Jan 2018 1:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.3	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





#49

Dimethylphthalate

Concen: 2.802 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG032431.D

Acq: 30 Jan 2018 1:35

Instrument :

BNA_G

ClientSampleId :

SLUDGE-PIT

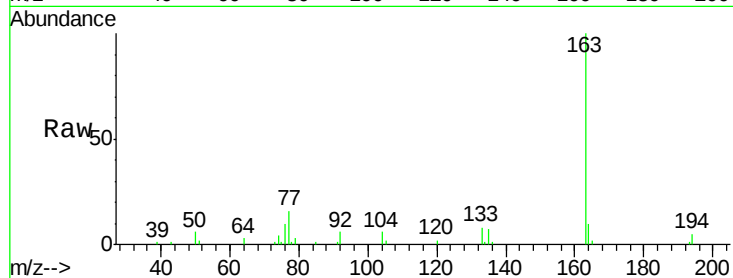
Tgt Ion:163 Resp: 21223

Ion Ratio Lower Upper

163 100

194 5.2 3.4 5.2#

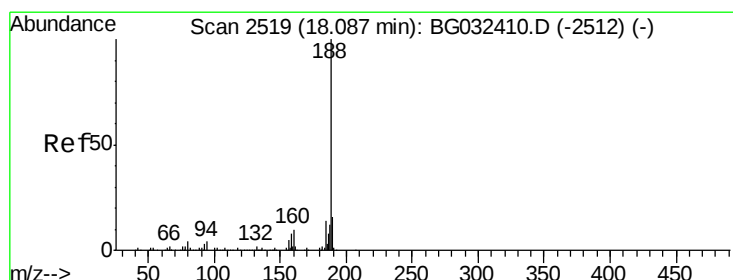
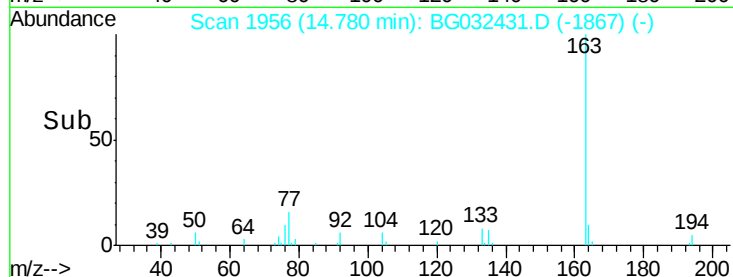
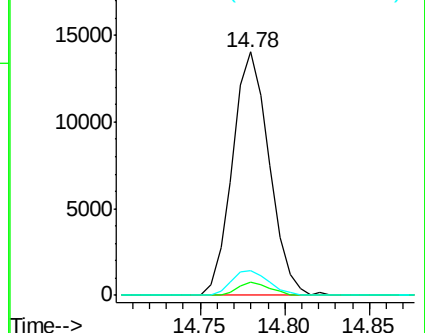
164 10.4 8.2 12.4



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: BG032431.D

Acq: 30 Jan 2018 1:35

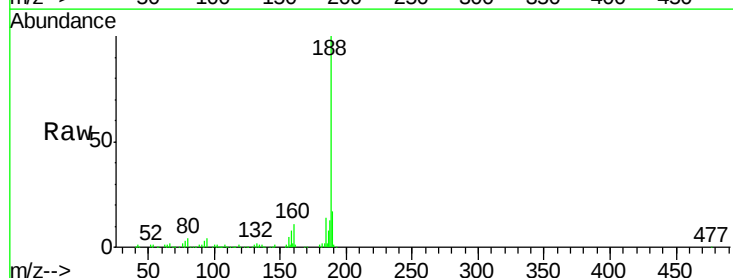
Tgt Ion:188 Resp: 232785

Ion Ratio Lower Upper

188 100

94 3.7 6.9 10.3#

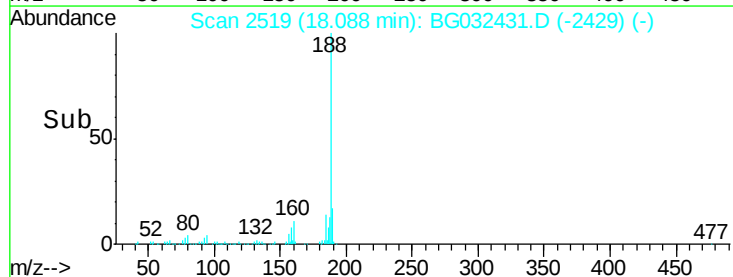
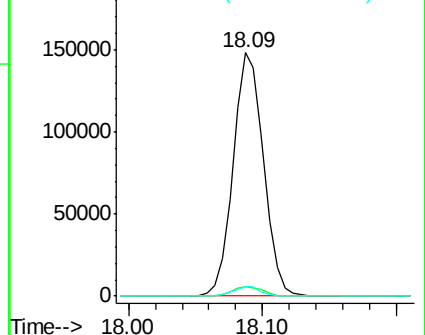
80 4.0 7.7 11.5#

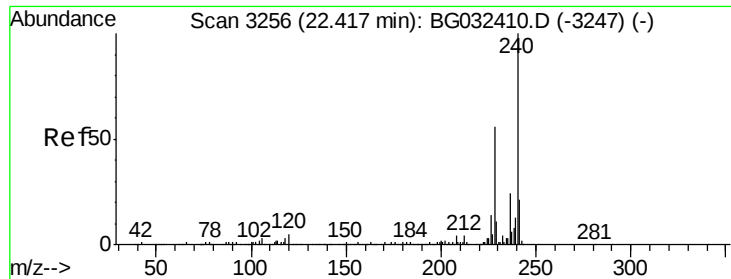


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.42 min Scan# 3256

Delta R.T. 0.00 min

Lab File: BG032431.D

Acq: 30 Jan 2018 1:35

Instrument :

BNA_G

ClientSampleId :

SLUDGE-PIT

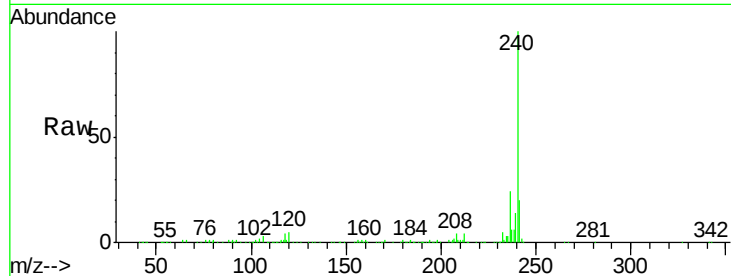
Tgt Ion:240 Resp: 281829

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

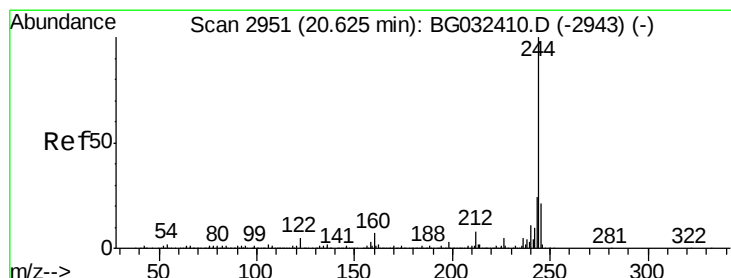
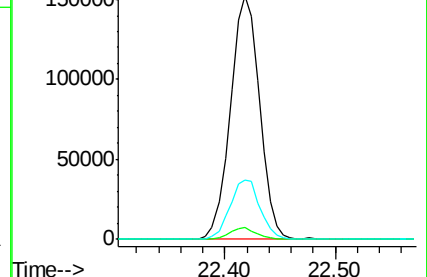
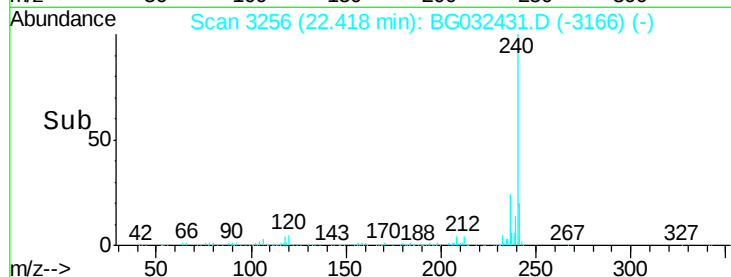
236 24.5 20.9 31.3



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: 110.036 ng

RT: 20.63 min Scan# 2952

Delta R.T. 0.01 min

Lab File: BG032431.D

Acq: 30 Jan 2018 1:35

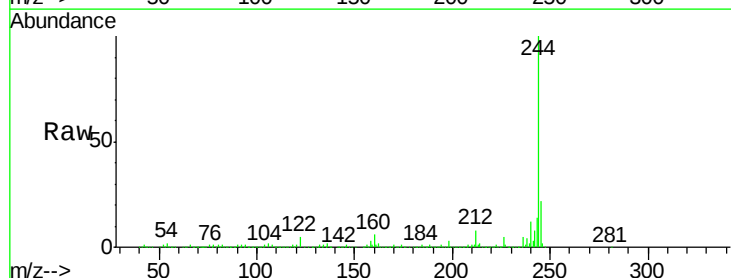
Tgt Ion:244 Resp: 1447719

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

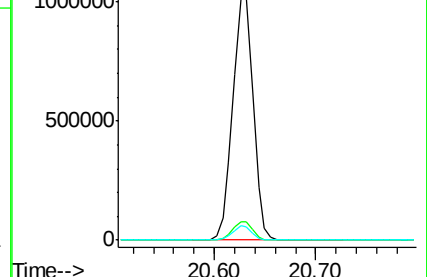
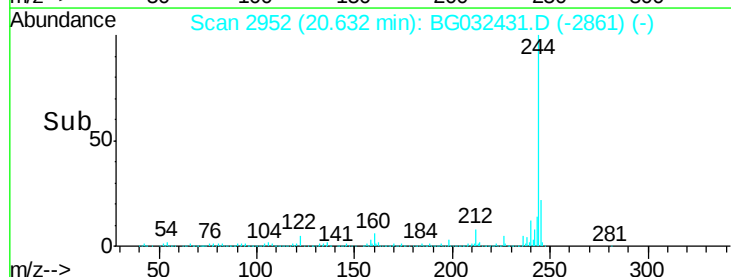
122 5.2 7.0 10.4#

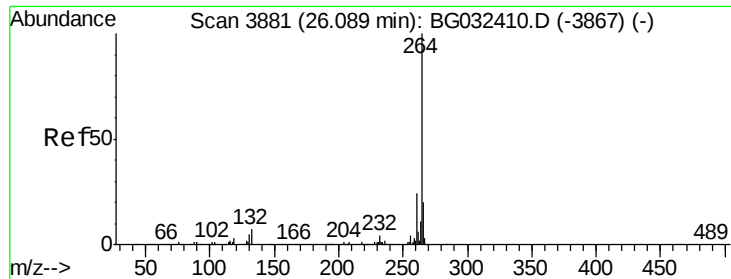


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.10 min Scan# 3883
Delta R.T. 0.01 min
Lab File: BG032431.D
Acq: 30 Jan 2018 1:35

Instrument :
BNA_G
ClientSampleId :
SLUDGE-PIT

Tgt Ion:264 Resp: 304305
Ion Ratio Lower Upper
264 100
260 23.4 17.4 26.0
265 20.7 17.7 26.5

