

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102317\
 Data File : BG029407.D
 Acq On : 23 Oct 2017 20:12
 Operator : SJ/JU
 Sample : I6034-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONE

Quant Time: Oct 24 05:52:51 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	70525	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	303138	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	201628	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	523268	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	577955	20.00	ng	-0.01
86) Perylene-d12	25.09	264	571542	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	483716	114.58	ng	0.00
7) Phenol-d6	7.32	99	591604	99.84	ng	0.00
23) Nitrobenzene-d5	9.33	82	387254	81.18	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	356129	136.80	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1042367	75.82	ng	0.00
78) Terphenyl-d14	20.11	244	1856493	73.07	ng	-0.01

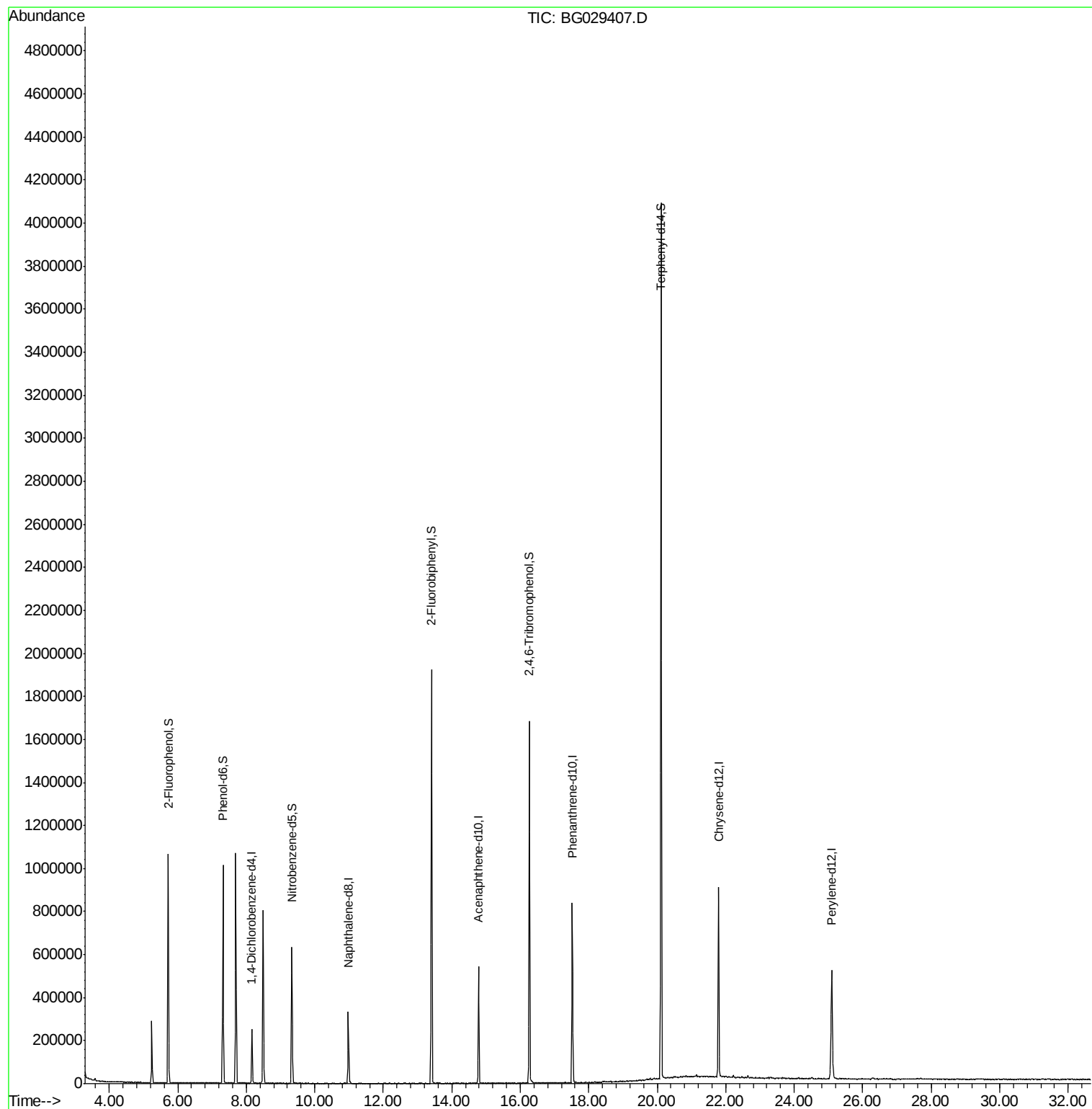
Target Compounds Qvalue

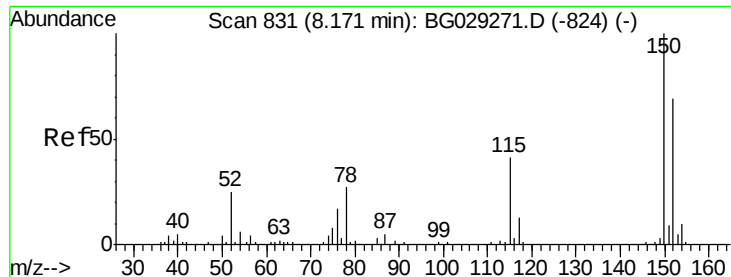
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG029407.D

Acq: 23 Oct 2017 20:12

Instrument :

BNA_G

ClientSampleId :

OILY-STONE

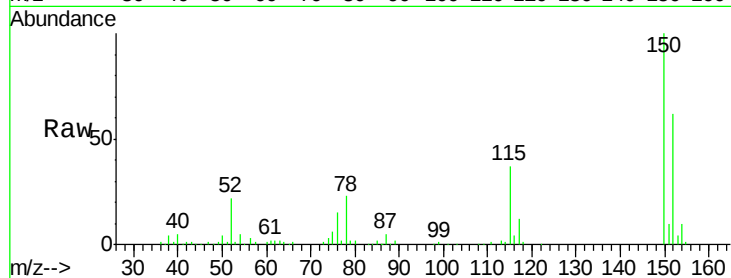
Tot Ion:152 Resp: 70525

Ion Ratio Lower Upper

152 100

150 162.1 126.6 189.8

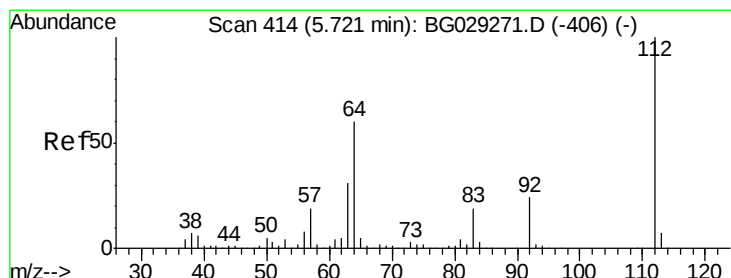
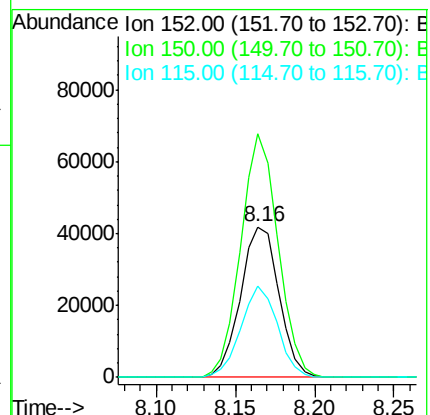
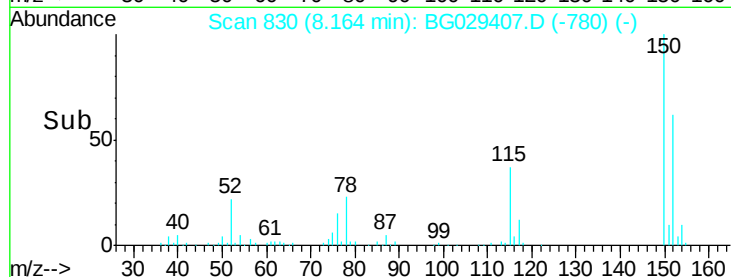
115 60.4 53.0 79.4



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: 114.58 ng

RT: 5.72 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG029407.D

Acq: 23 Oct 2017 20:12

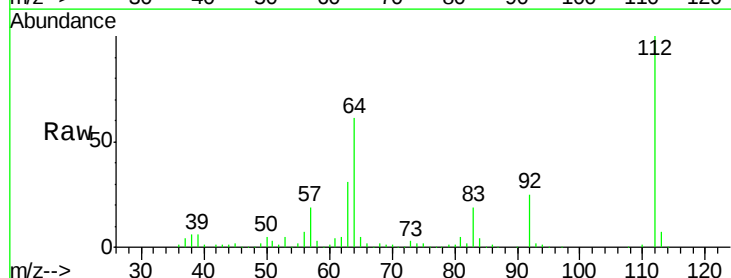
Tgt Ion:112 Resp: 483716

Ion Ratio Lower Upper

112 100

64 60.6 56.3 84.5

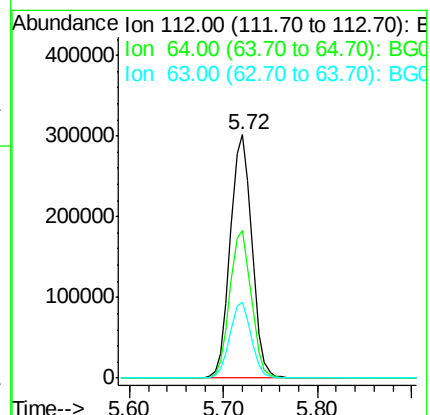
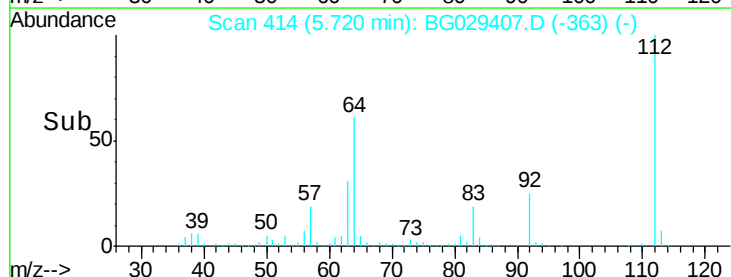
63 31.0 30.1 45.1

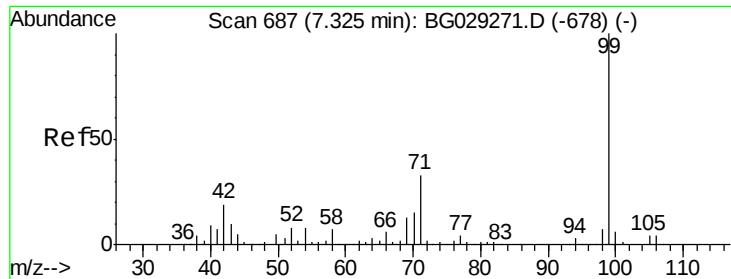


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 99.84 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029407.D

Acq: 23 Oct 2017 20:12

Instrument :

BNA_G

ClientSampleId :

OILY-STONE

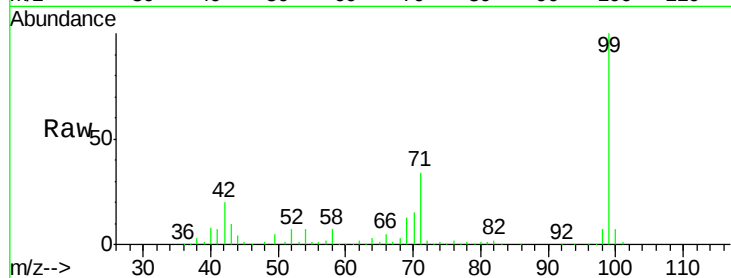
Tot Ion: 99 Resp: 591604

Ion Ratio Lower Upper

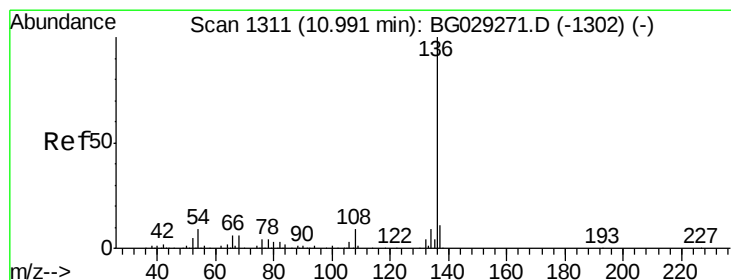
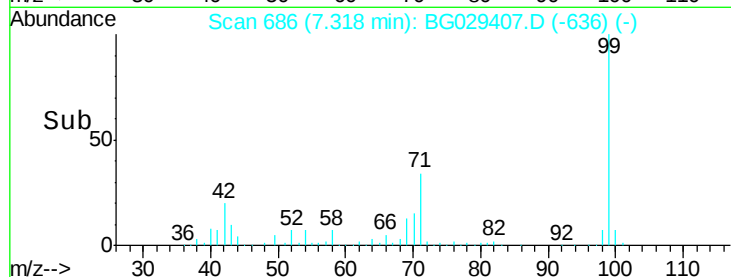
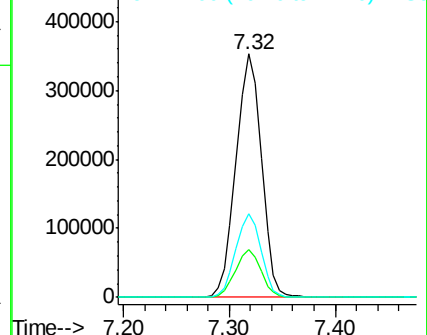
99 100

42 19.8 14.1 21.1

71 34.4 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: 20.00 ng

RT: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG029407.D

Acq: 23 Oct 2017 20:12

Tgt Ion: 136 Resp: 303138

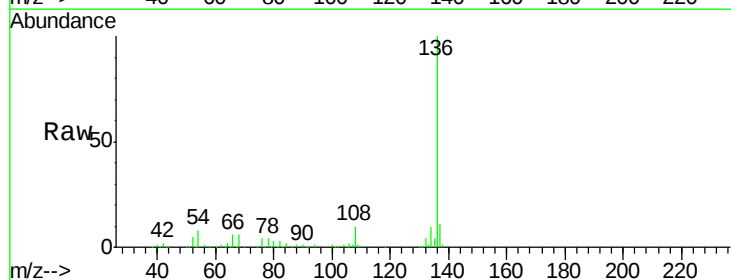
Ion Ratio Lower Upper

136 100

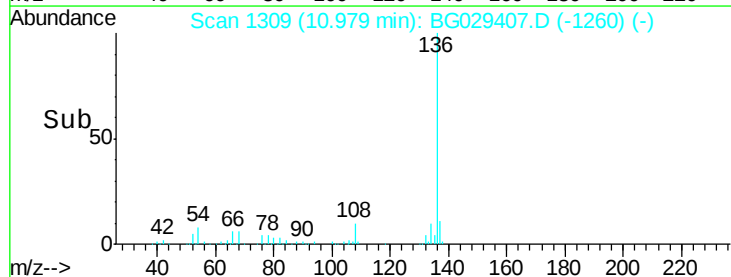
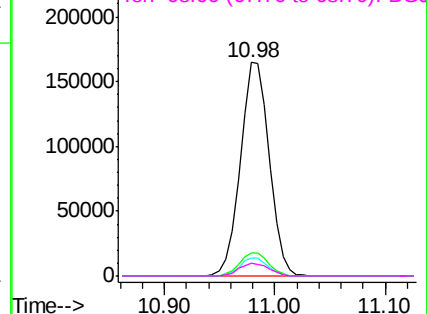
137 11.0 9.2 13.8

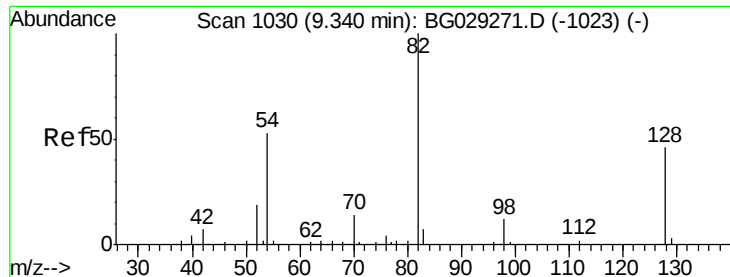
54 8.4 10.3 15.5#

68 6.3 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

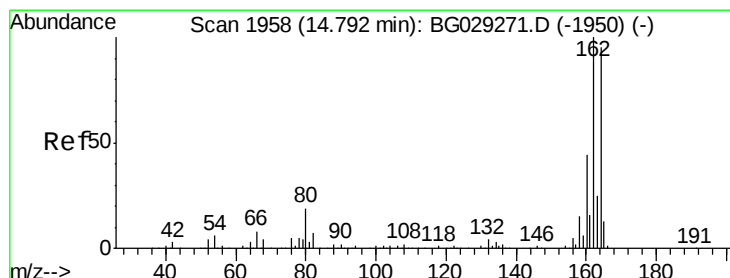
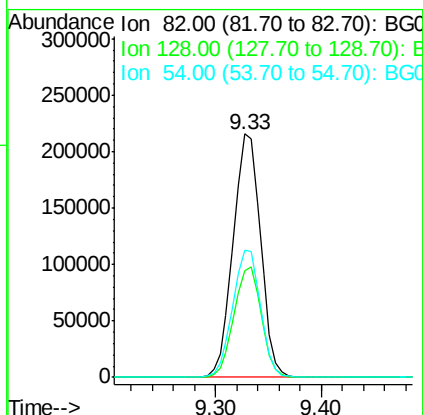
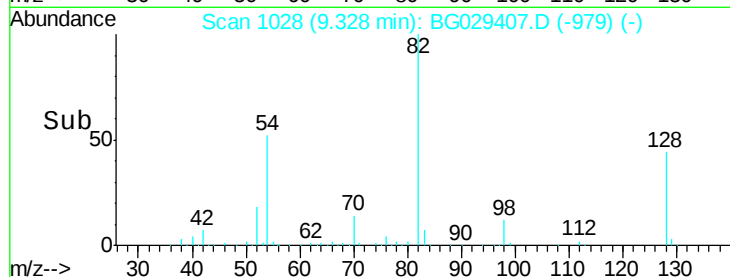
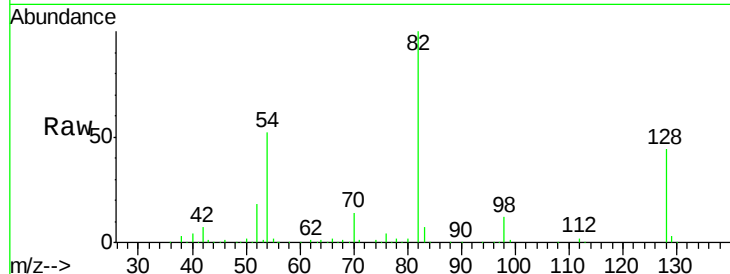




#23
Nitrobenzene-d5
Concen: 81.18 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029407.D
Acq: 23 Oct 2017 20:12

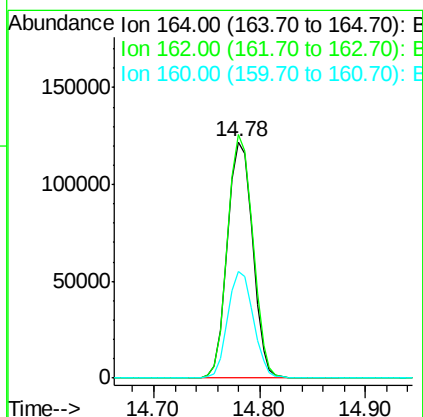
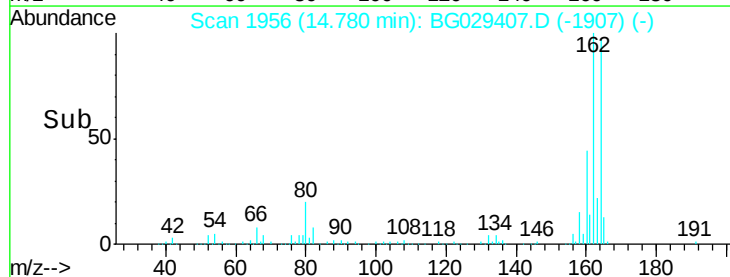
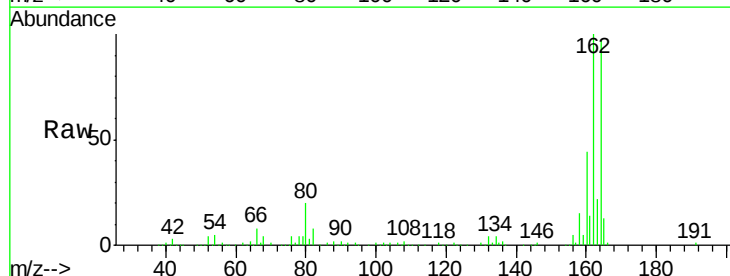
Instrument :
BNA_G
ClientSampleId :
OILY-STONE

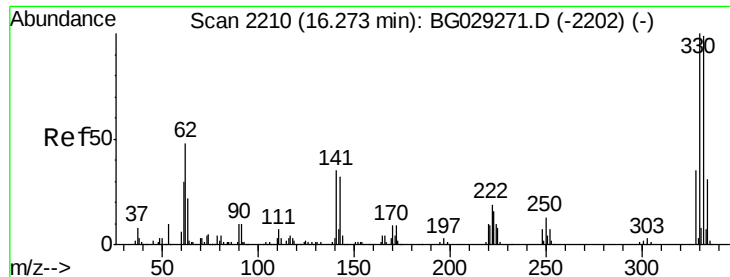
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	29.7	44.5
54	52.2	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029407.D
Acq: 23 Oct 2017 20:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	45.1	35.4	53.0

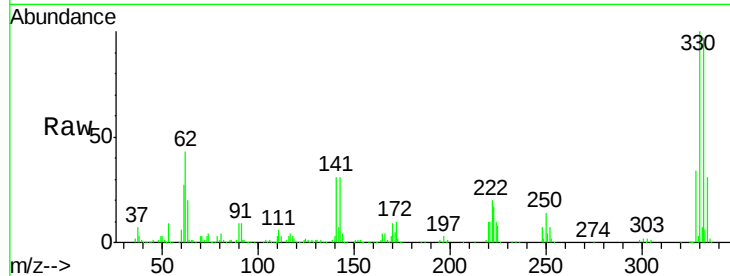




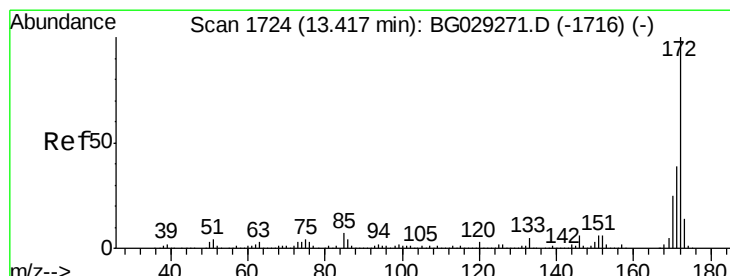
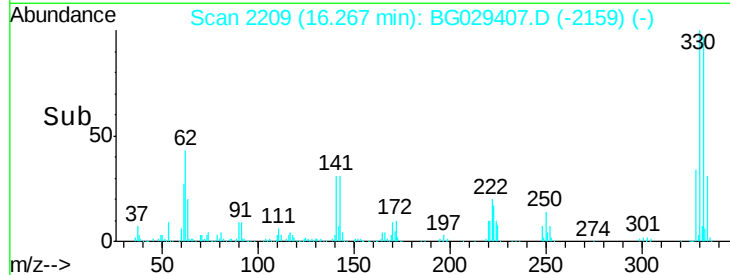
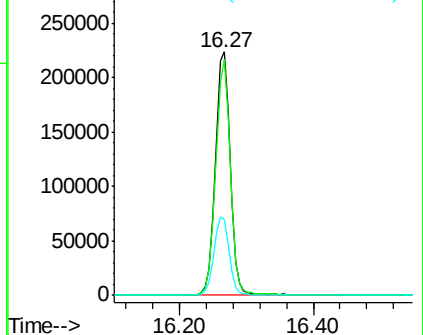
#41
 2,4,6-Tribromophenol
 Concen: 136.80 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029407.D
 Acq: 23 Oct 2017 20:12

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONE

Tot Ion:330 Resp: 356129
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 32.7 25.2 37.8

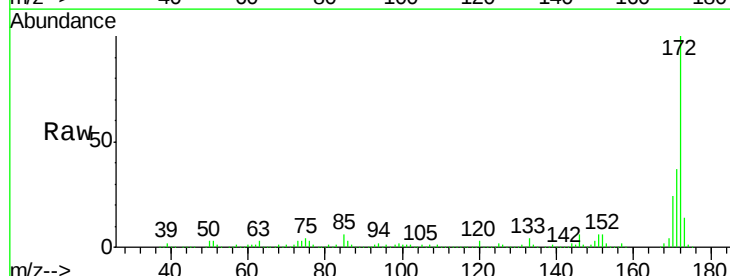


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

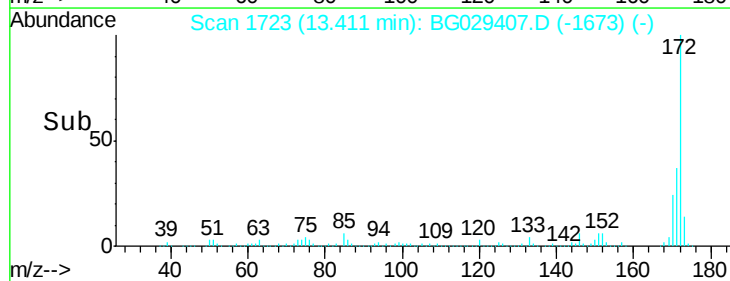
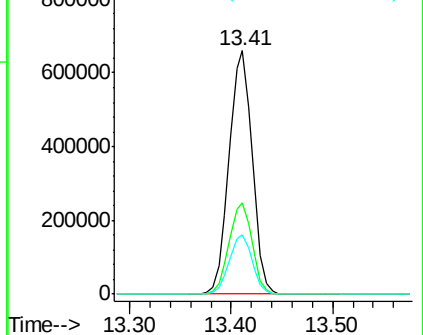


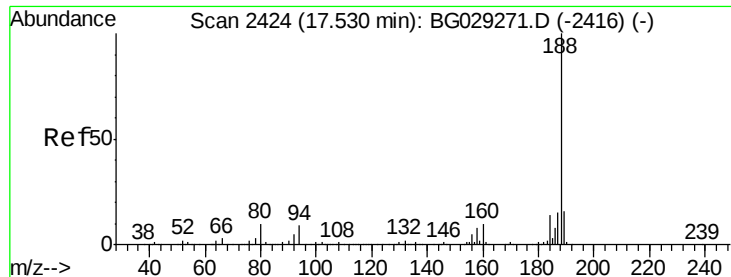
#44
 2-Fluorobiphenyl
 Concen: 75.82 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029407.D
 Acq: 23 Oct 2017 20:12

Tgt Ion:172 Resp: 1042367
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 24.2 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

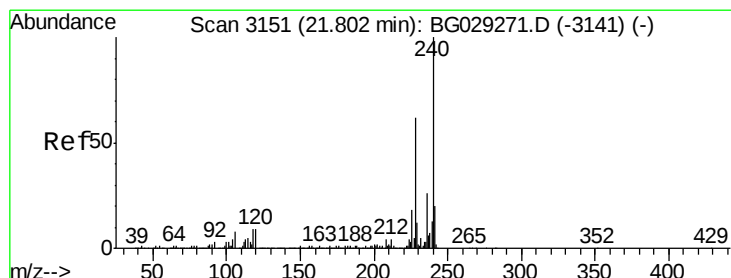
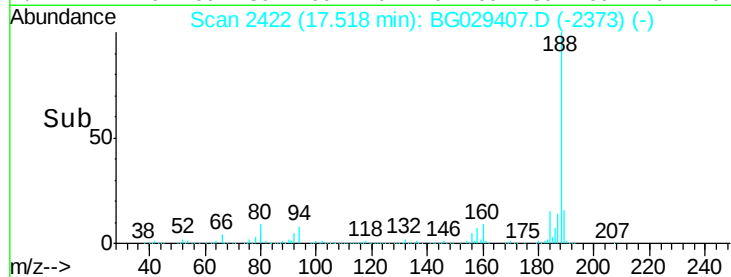
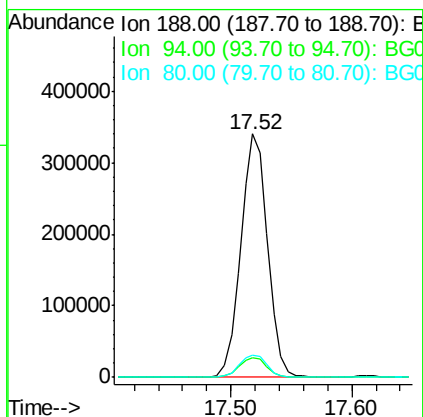
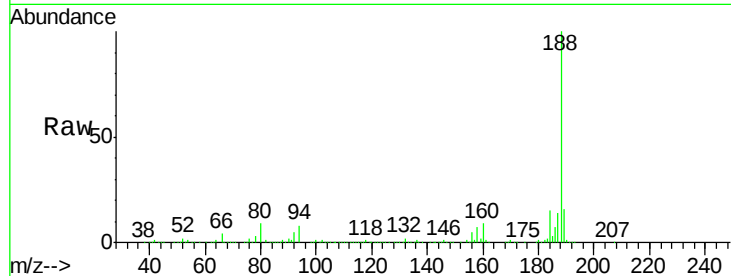




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029407.D
Acq: 23 Oct 2017 20:12

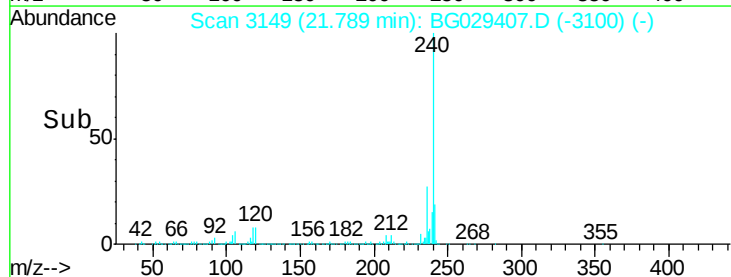
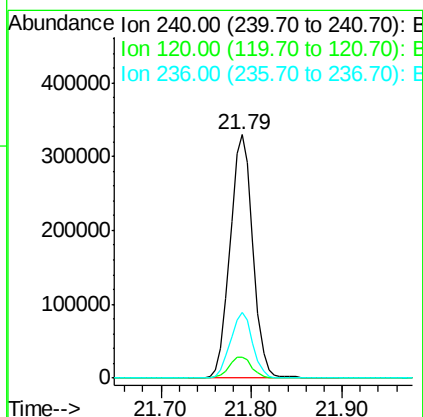
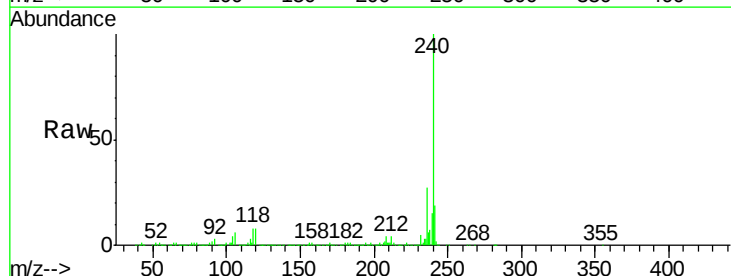
Instrument :
BNA_G
ClientSampleId :
OILY-STONE

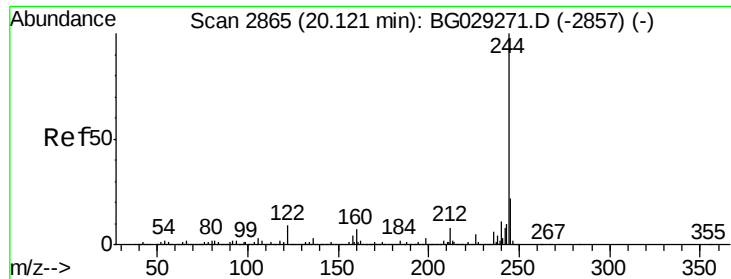
Tot Ion:188 Resp: 523268
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 8.9 7.7 11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029407.D
Acq: 23 Oct 2017 20:12

Tgt Ion:240 Resp: 577955
Ion Ratio Lower Upper
240 100
120 8.5 6.8 10.2
236 27.0 20.9 31.3





#78

Terphenyl-d14

Concen: 73.07 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029407.D

Acq: 23 Oct 2017 20:12

Instrument :

BNA_G

ClientSampleId :

OILY-STONE

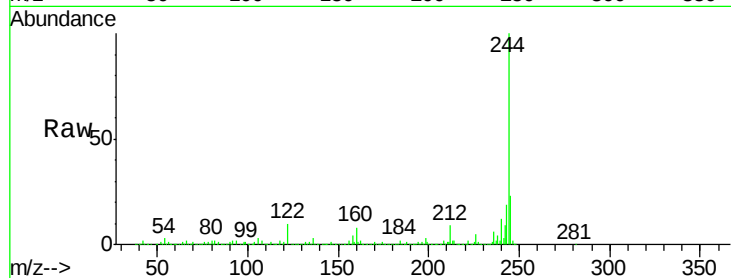
Tot Ion:244 Resp: 1856493

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

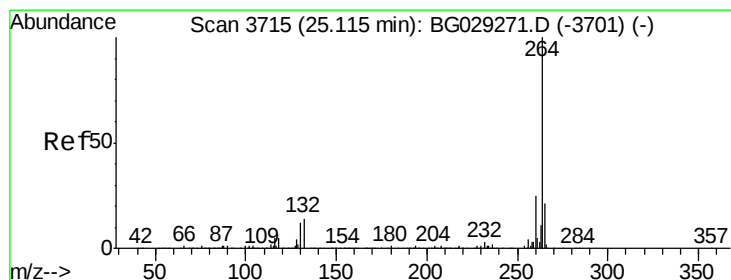
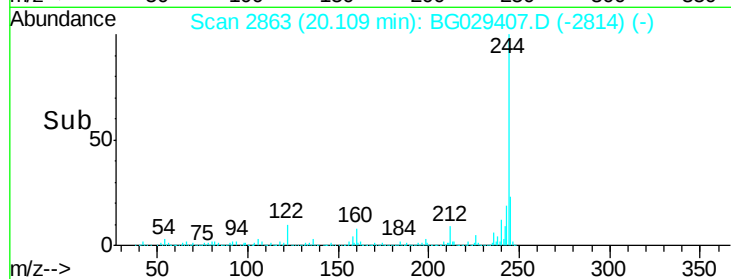
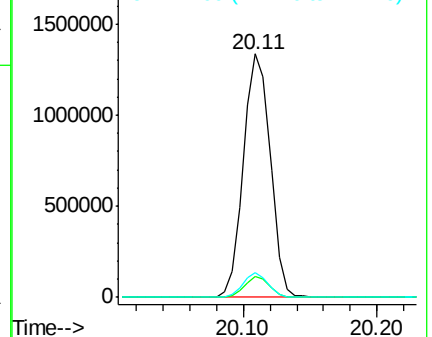
122 10.0 7.0 10.4



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: 20.00 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG029407.D

Acq: 23 Oct 2017 20:12

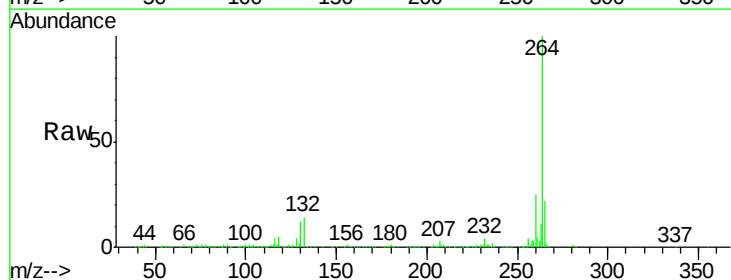
Tgt Ion:264 Resp: 571542

Ion Ratio Lower Upper

264 100

260 25.2 17.4 26.0

265 22.4 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

