

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033652.D
 Acq On : 7 Apr 2018 6:09
 Operator : SJ/JU
 Sample : J2257-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LP-OILY-STONE

Quant Time: Apr 09 02:10:54 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	37304	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	169334	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	137328	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	341159	20.00	ng	0.00
75) Chrysene-d12	22.55	240	341420	20.00	ng	0.00
86) Perylene-d12	26.32	264	342134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	319602	160.65	ng	0.00
7) Phenol-d6	7.97	99	458341	134.09	ng	0.00
23) Nitrobenzene-d5	10.06	82	375401	101.85	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	260668	126.91	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	878466	92.35	ng	0.00
78) Terphenyl-d14	20.73	244	1566785	98.14	ng	0.00

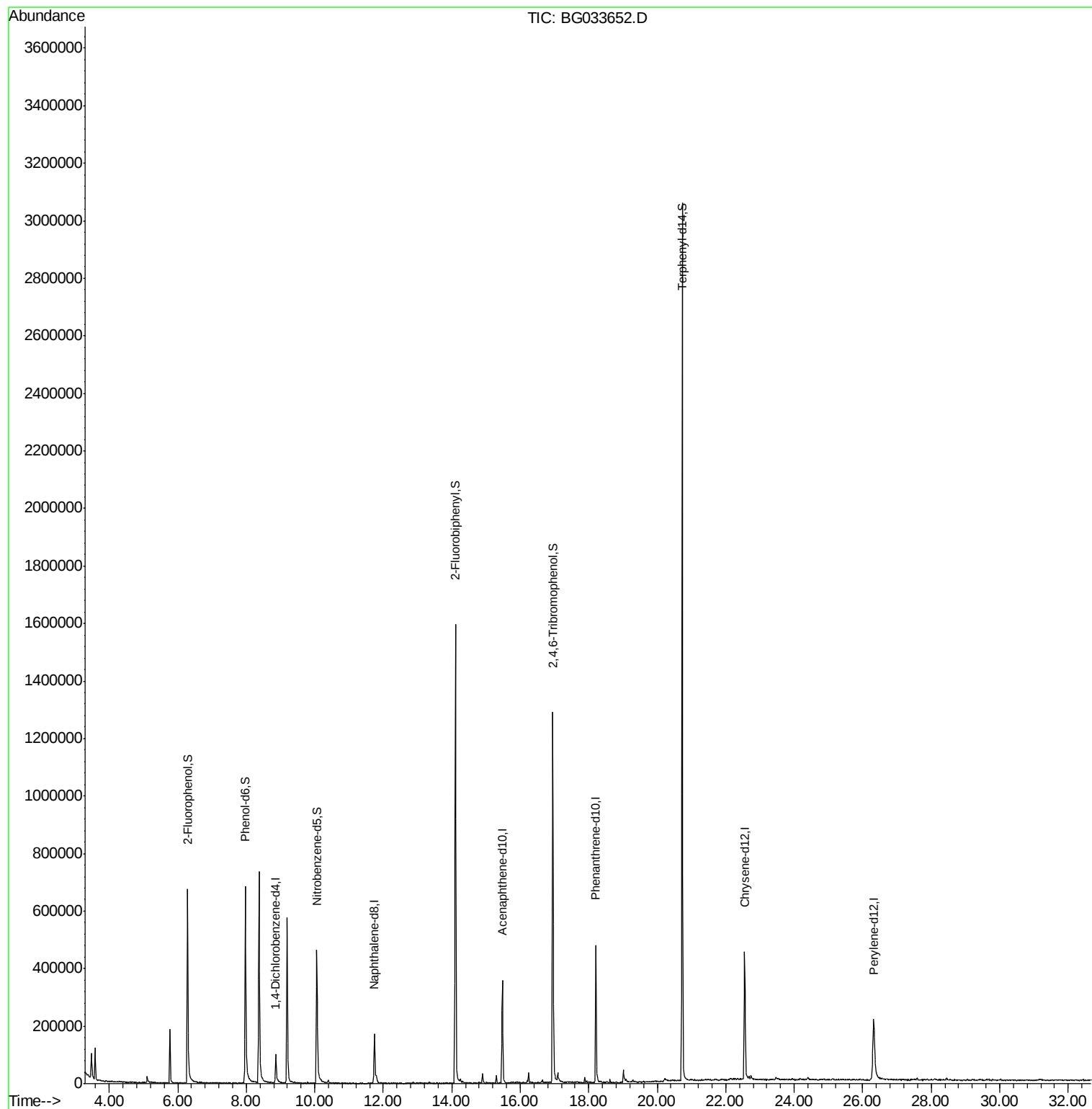
Target Compounds Qvalue

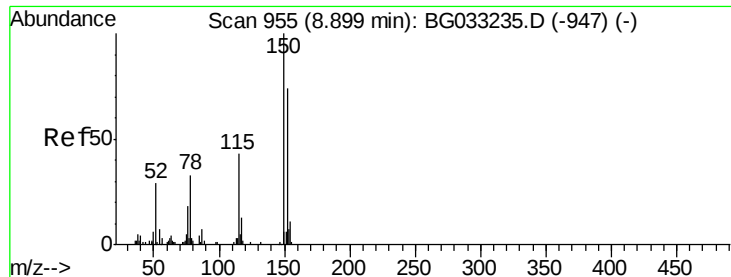
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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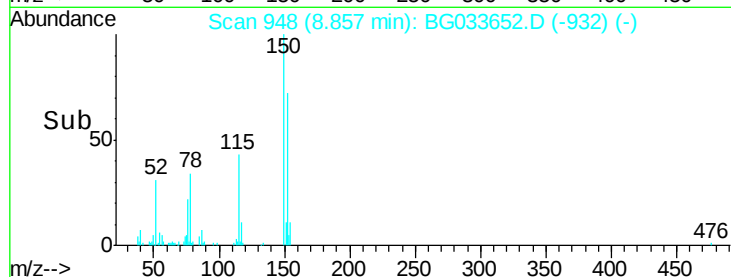
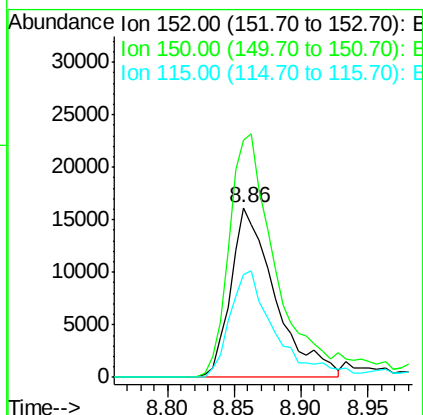
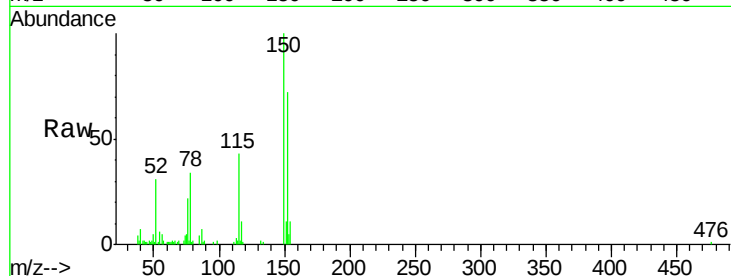


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033652.D
Acq: 7 Apr 2018 6:09

Instrument :
BNA_G
ClientSampleId :
LP-OILY-STONE

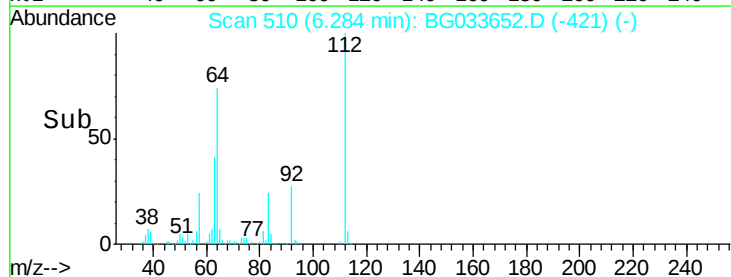
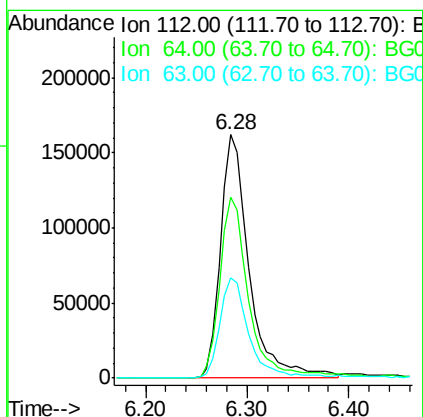
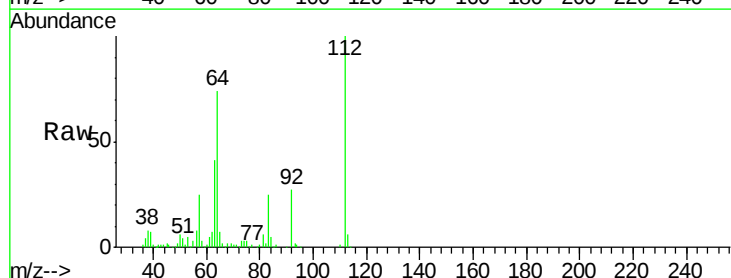
Tot Ion:152 Resp: 37304
Ion Ratio Lower Upper
152 100
150 139.7 126.6 189.8
115 60.2 53.0 79.4

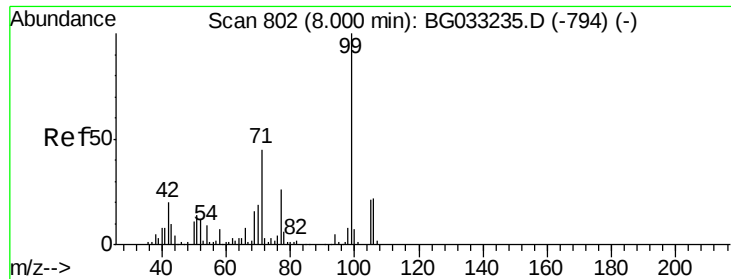


#5

2-Fluorophenol
Concen: 160.651 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033652.D
Acq: 7 Apr 2018 6:09

Tgt Ion:112 Resp: 319602
Ion Ratio Lower Upper
112 100
64 74.5 56.3 84.5
63 41.2 30.1 45.1





#7

Phenol-d6

Concen: 134.087 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033652.D

Acq: 7 Apr 2018 6:09

Instrument :

BNA_G

ClientSampleId :

LP-OILY-STONE

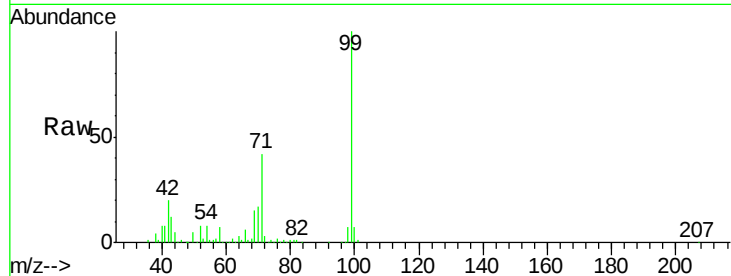
Tot Ion: 99 Resp: 458341

Ion Ratio Lower Upper

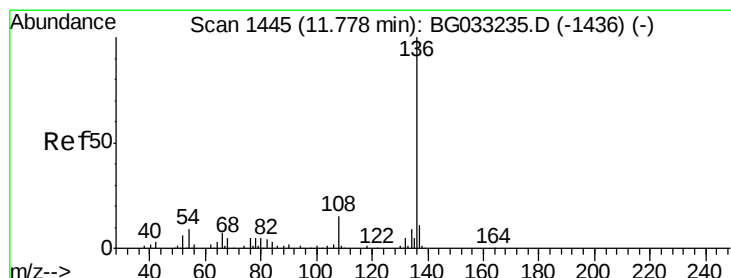
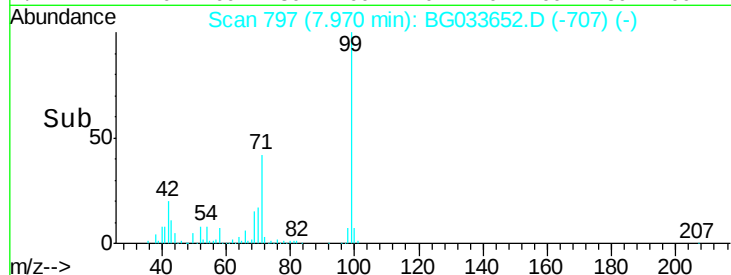
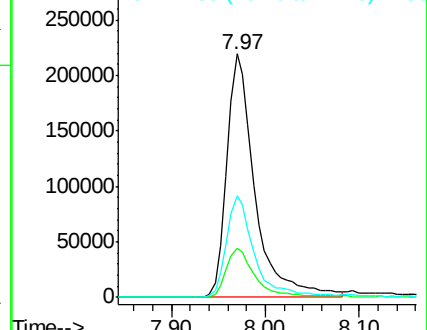
99 100

42 20.3 14.1 21.1

71 42.0 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: 11.74 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BG033652.D

Acq: 7 Apr 2018 6:09

Tgt Ion: 136 Resp: 169334

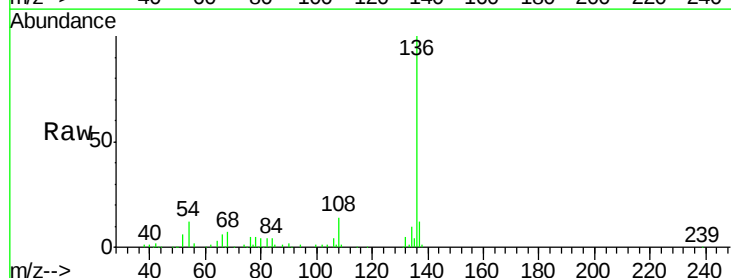
Ion Ratio Lower Upper

136 100

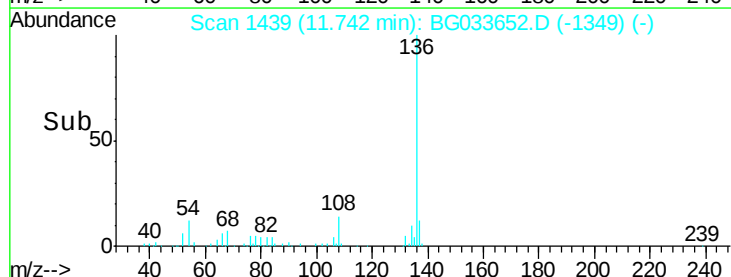
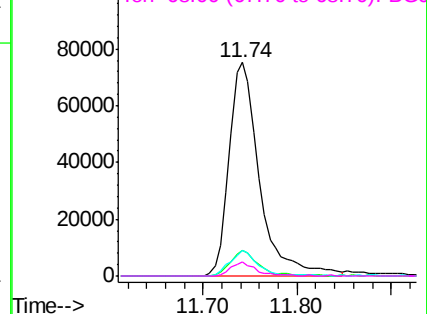
137 11.8 9.2 13.8

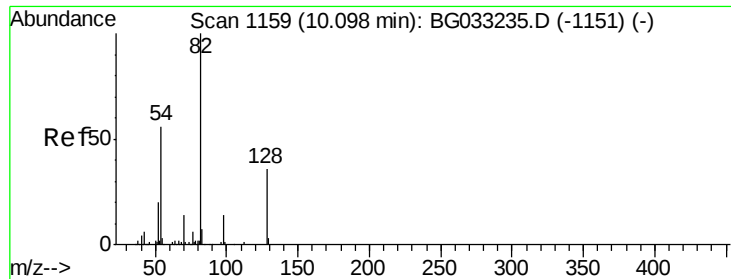
54 12.2 10.3 15.5

68 6.8 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

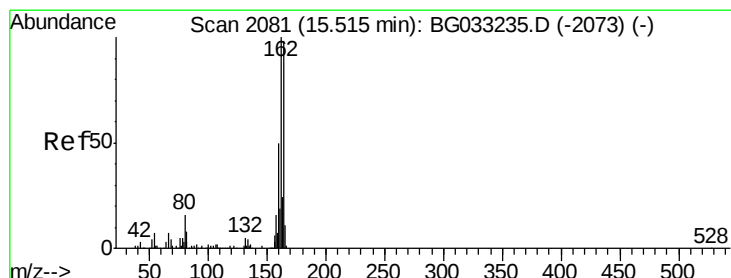
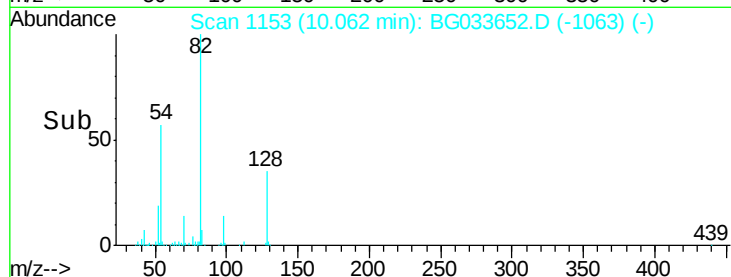
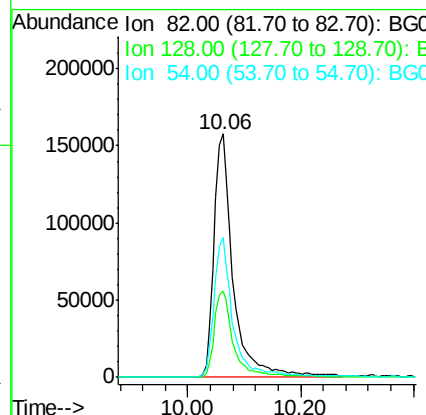
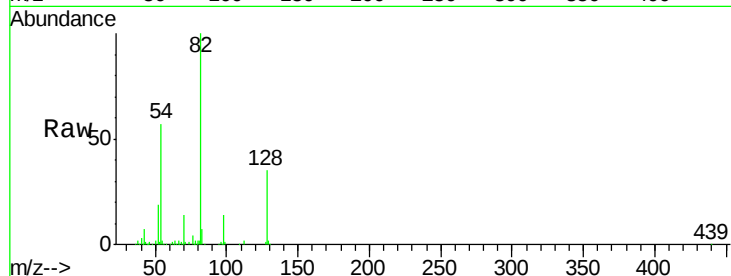




#23
 Nitrobenzene-d5
 Concen: 101.855 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033652.D
 Acq: 7 Apr 2018 6:09

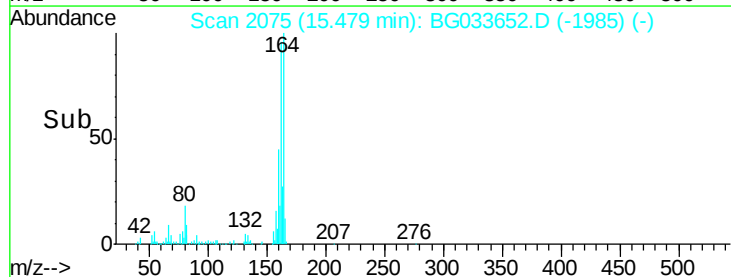
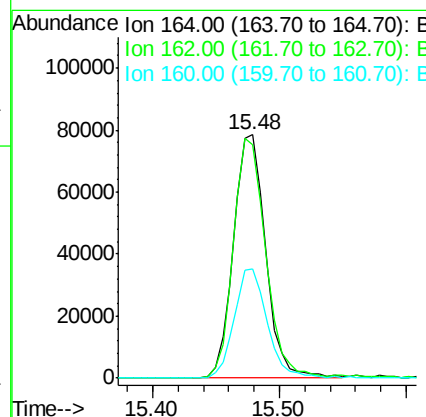
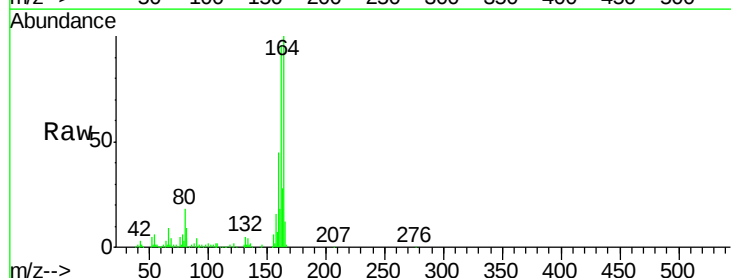
Instrument :
 BNA_G
 ClientSampleId :
 LP-OILY-STONE

Tot Ion: 82 Resp: 375401
 Ion Ratio Lower Upper
 82 100
 128 35.1 29.7 44.5
 54 57.4 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG033652.D
 Acq: 7 Apr 2018 6:09

Tgt Ion: 164 Resp: 137328
 Ion Ratio Lower Upper
 164 100
 162 95.7 78.8 118.2
 160 44.6 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 126.914 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033652.D

Acq: 7 Apr 2018 6:09

Instrument :

BNA_G

ClientSampleId :

LP-OILY-STONE

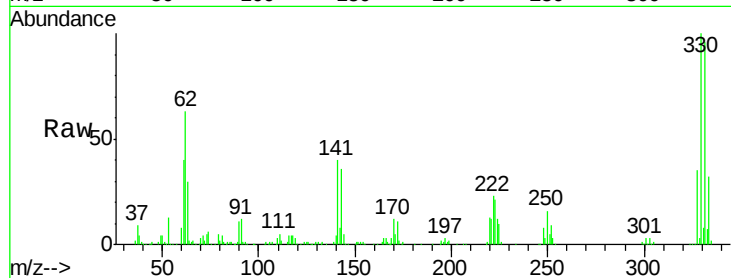
Tot Ion:330 Resp: 260668

Ion Ratio Lower Upper

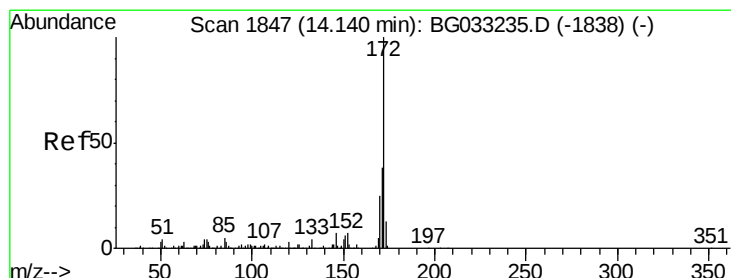
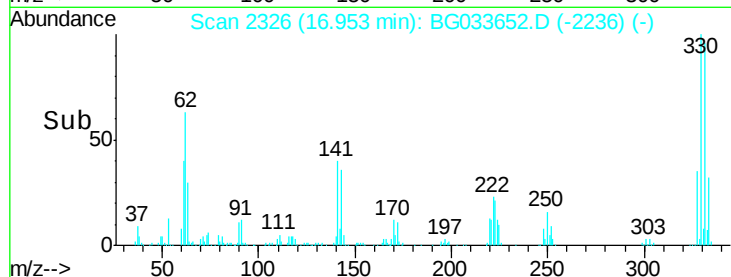
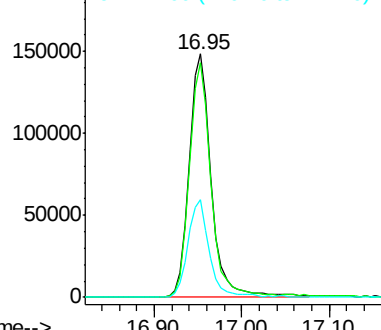
330 100

332 94.4 77.0 115.6

141 39.4 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: 92.347 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BG033652.D

Acq: 7 Apr 2018 6:09

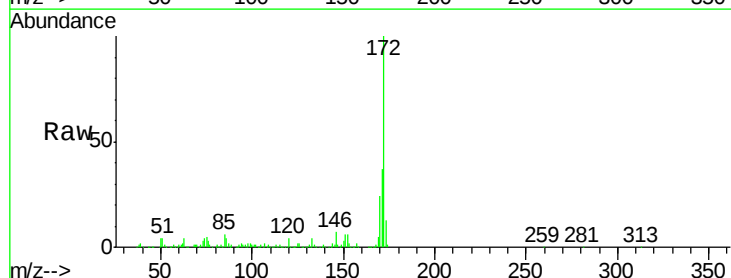
Tgt Ion:172 Resp: 878466

Ion Ratio Lower Upper

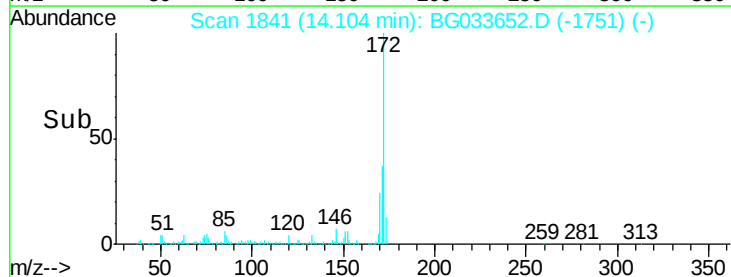
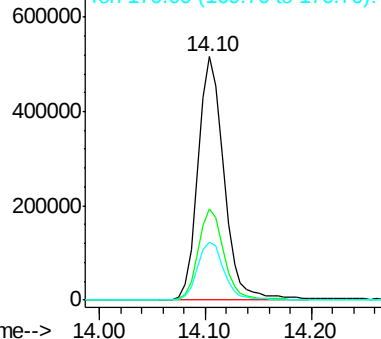
172 100

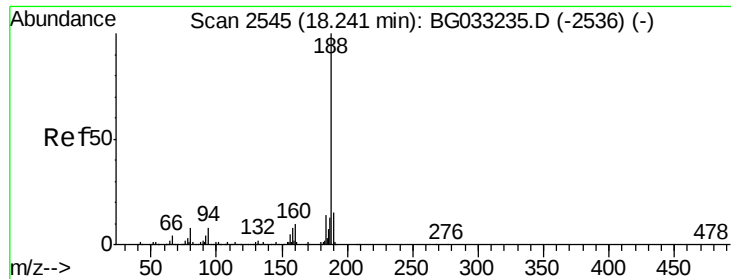
171 37.5 30.0 45.0

170 24.0 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

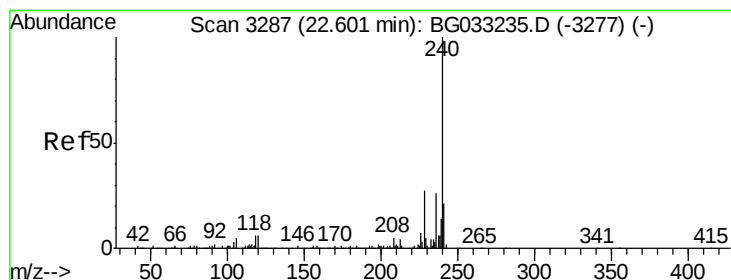
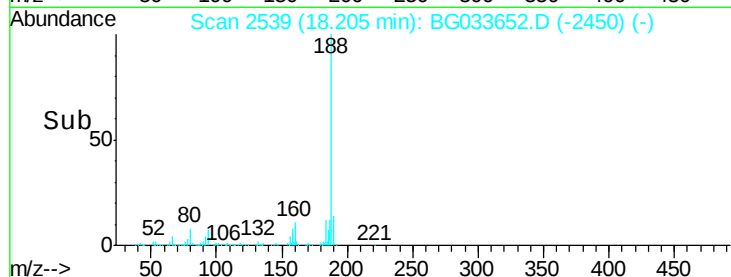
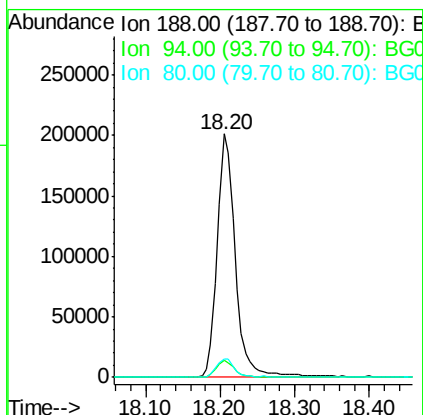
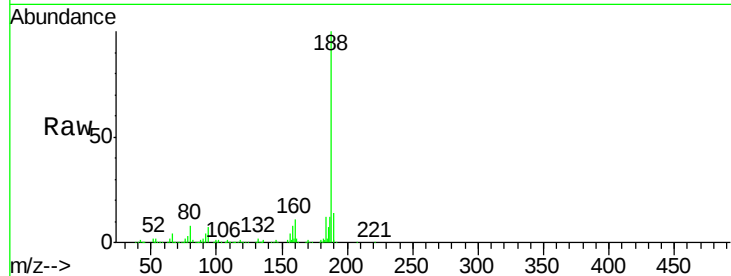




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033652.D
Acq: 7 Apr 2018 6:09

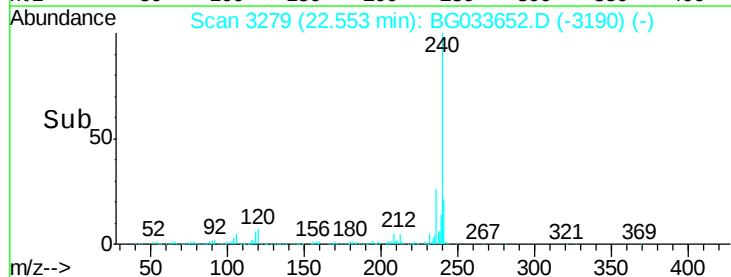
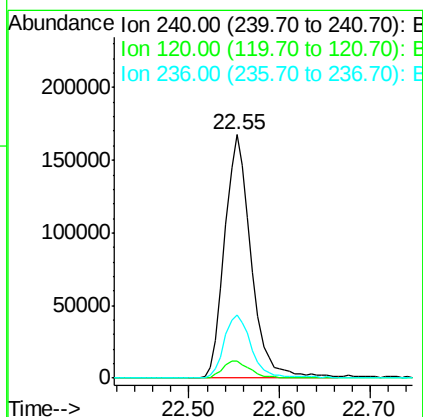
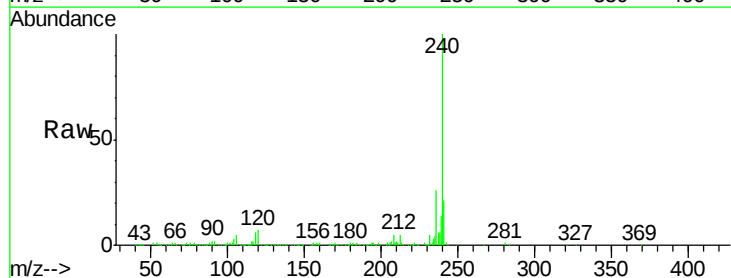
Instrument :
BNA_G
ClientSampleId :
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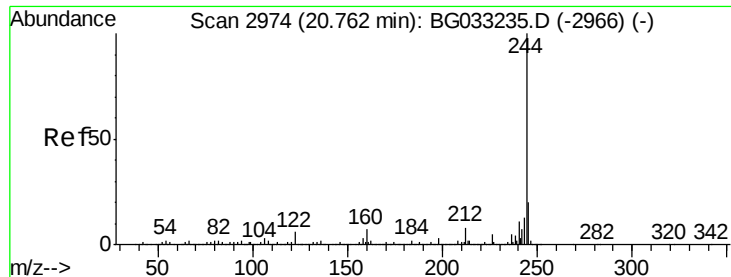
Tot Ion:188 Resp: 341159
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 7.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033652.D
Acq: 7 Apr 2018 6:09

Tgt Ion:240 Resp: 341420
Ion Ratio Lower Upper
240 100
120 7.1 6.8 10.2
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 98.141 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033652.D

Acq: 7 Apr 2018 6:09

Instrument :

BNA_G

ClientSampleId :

LP-OILY-STONE

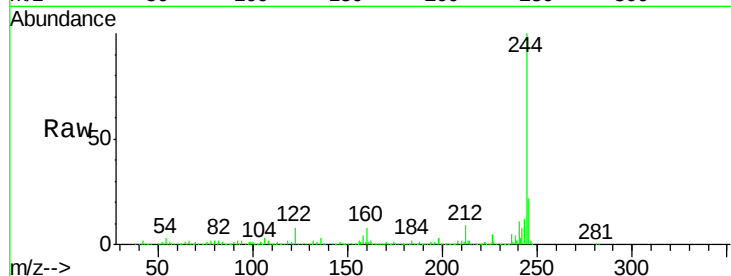
Tot Ion:244 Resp: 1566785

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

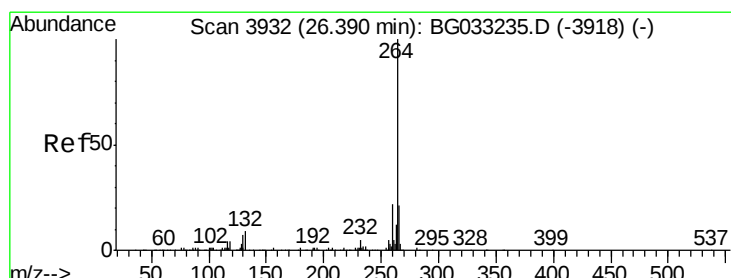
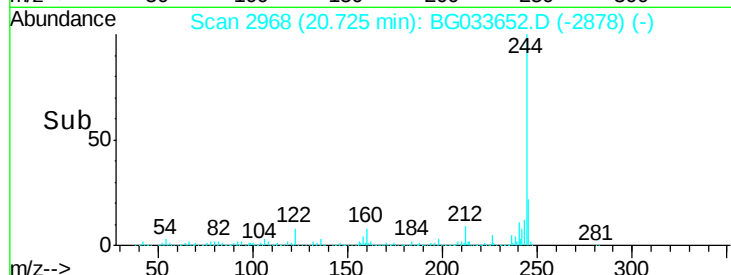
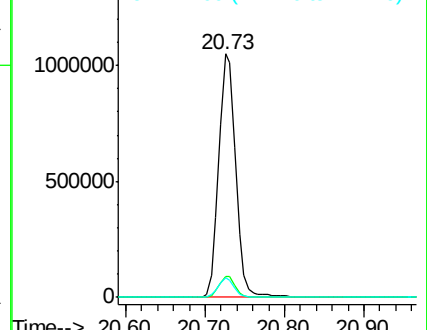
122 7.9 7.0 10.4



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: 26.32 min Scan# 3920

Delta R.T. -0.00 min

Lab File: BG033652.D

Acq: 7 Apr 2018 6:09

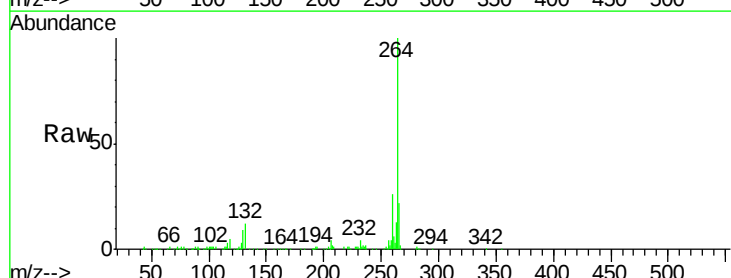
Tgt Ion:264 Resp: 342134

Ion Ratio Lower Upper

264 100

260 26.1 17.4 26.0#

265 22.2 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

