

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
 Data File : BG030498.D
 Acq On : 27 Oct 2017 15:26
 Operator : SJ/JU
 Sample : I6113-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-102417

Quant Time: Oct 27 16:19:18 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	8.17	152	73878	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	337291	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	215826	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	500052	20.00	ng	0.00
75) Chrysene-d12	21.79	240	525357	20.00	ng	0.00
86) Perylene-d12	25.11	264	521368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	531971	120.29	ng	0.00
7) Phenol-d6	7.32	99	623062	100.37	ng	0.00
23) Nitrobenzene-d5	9.34	82	486245	91.61	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	376457	135.10	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1233253	83.81	ng	0.00
78) Terphenyl-d14	20.11	244	1909789	82.70	ng	0.00

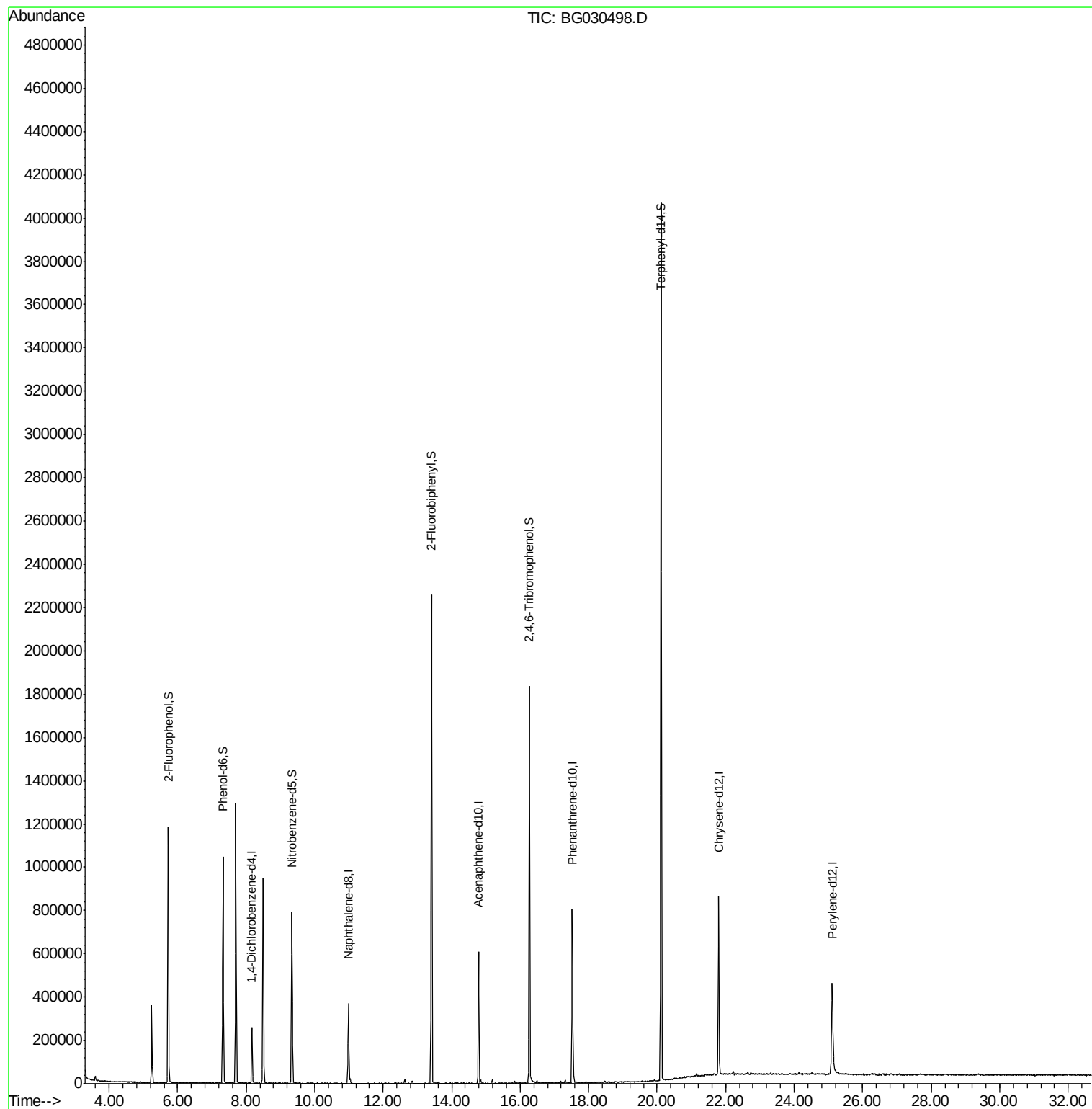
Target Compounds Qvalue

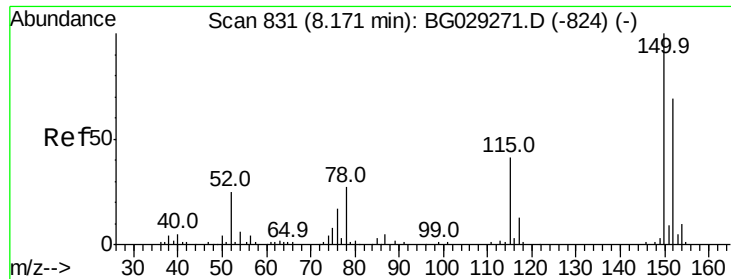
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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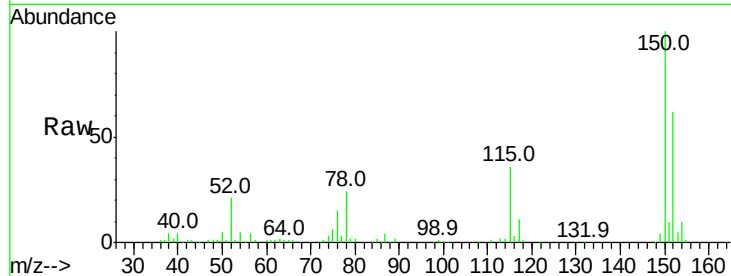


#1

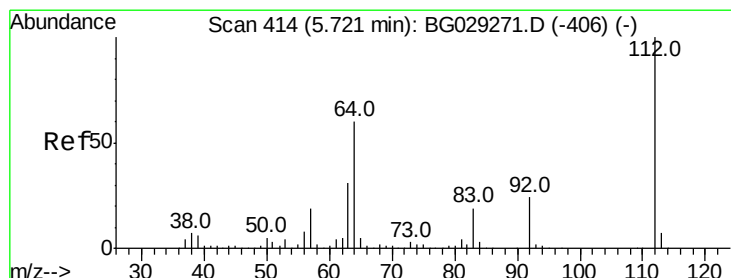
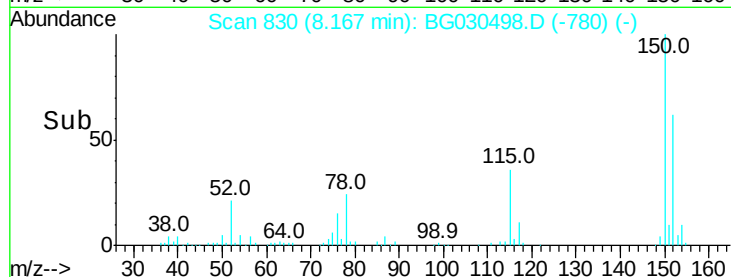
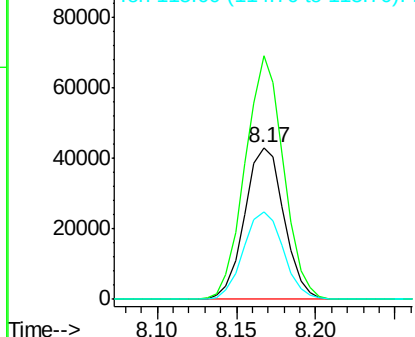
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030498.D
Acq: 27 Oct 2017 15:26

Instrument :
BNA_G
ClientSampleId :
SU-01-102417

Tot Ion:152 Resp: 73878
Ion Ratio Lower Upper
152 100
150 160.7 126.6 189.8
115 57.7 53.0 79.4



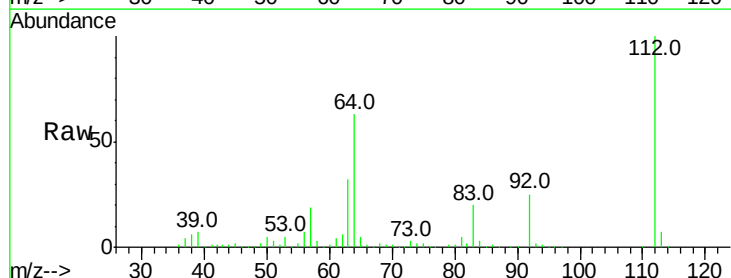
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



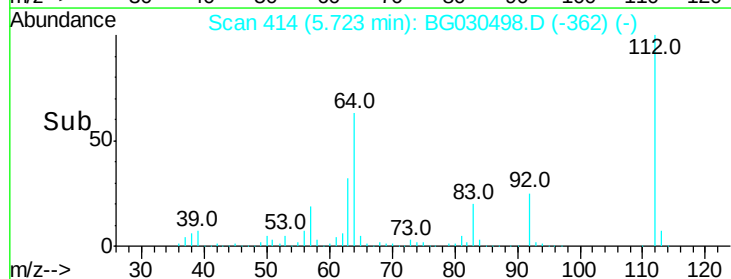
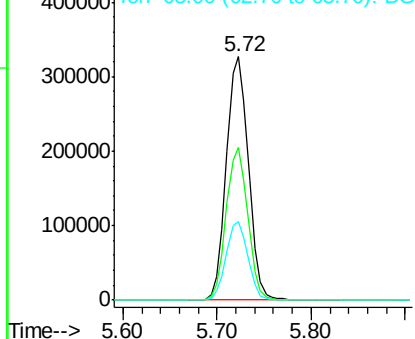
#5

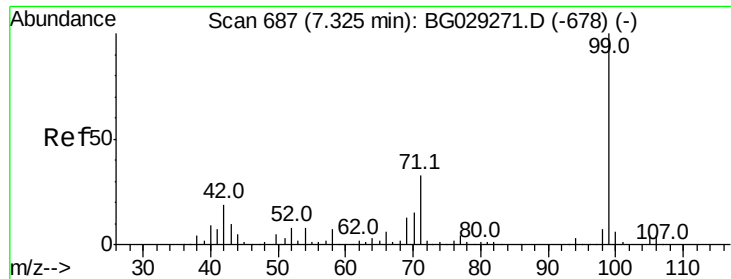
2-Fluorophenol
Concen: 120.291 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030498.D
Acq: 27 Oct 2017 15:26

Tgt Ion:112 Resp: 531971
Ion Ratio Lower Upper
112 100
64 62.7 56.3 84.5
63 32.5 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: 100.373 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030498.D

Acq: 27 Oct 2017 15:26

Instrument :

BNA_G

ClientSampleId :

SU-01-102417

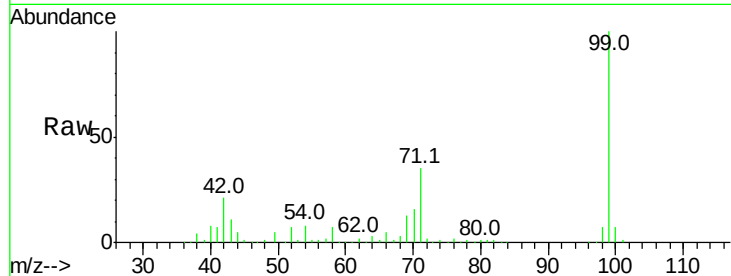
Tot Ion: 99 Resp: 623062

Ion Ratio Lower Upper

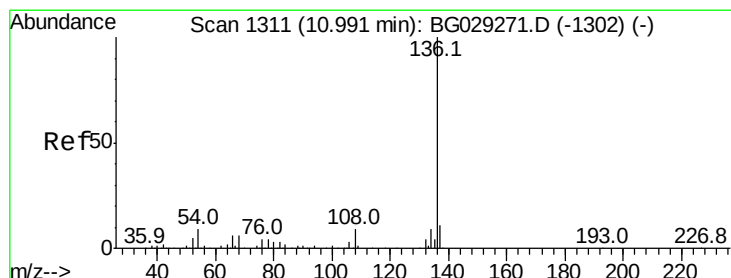
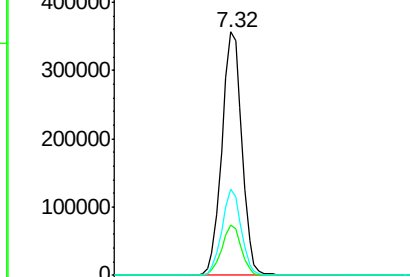
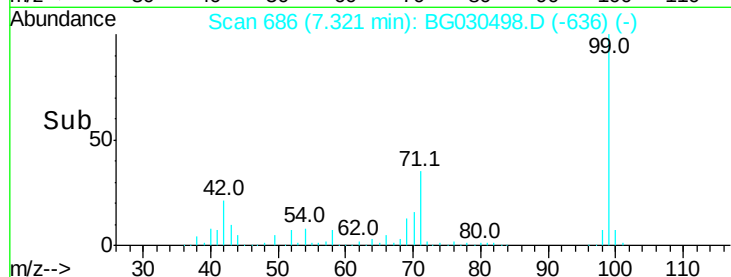
99 100

42 20.8 14.1 21.1

71 35.4 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: 20.000 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BG030498.D

Acq: 27 Oct 2017 15:26

Tgt Ion: 136 Resp: 337291

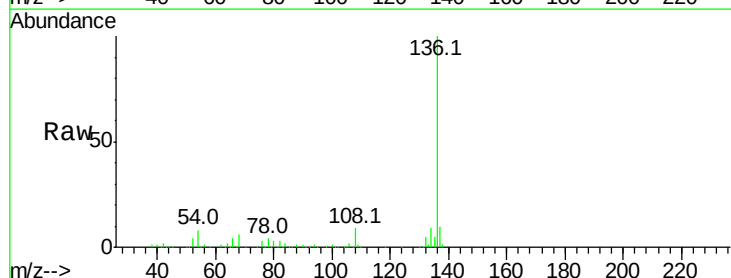
Ion Ratio Lower Upper

136 100

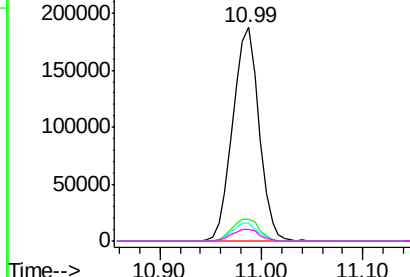
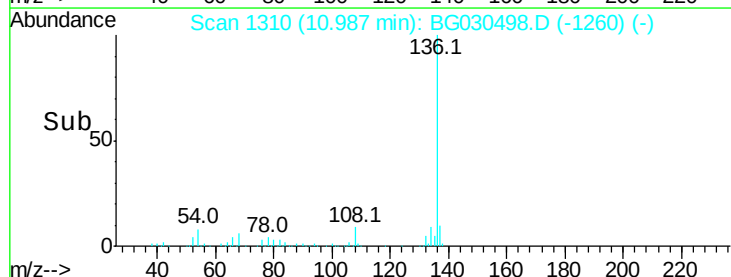
137 10.4 9.2 13.8

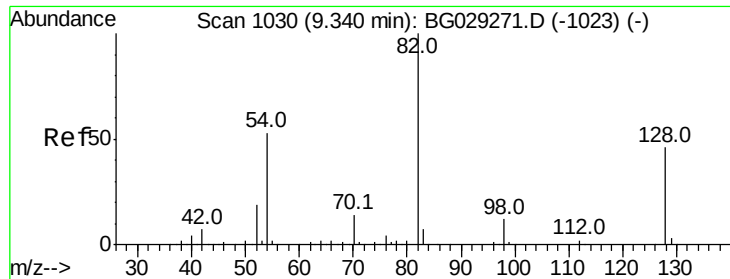
54 8.3 10.3 15.5#

68 5.6 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

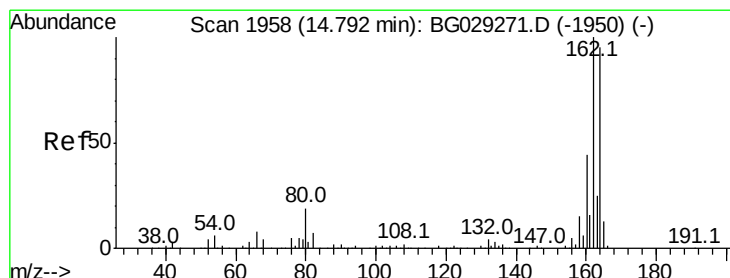
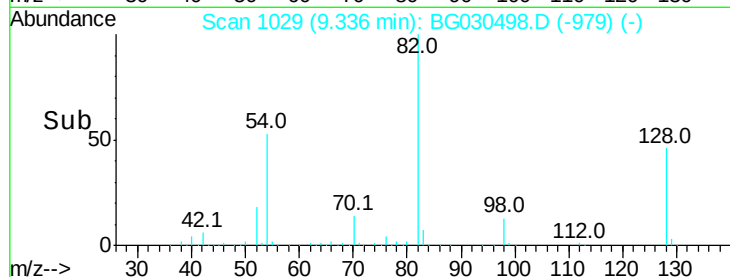
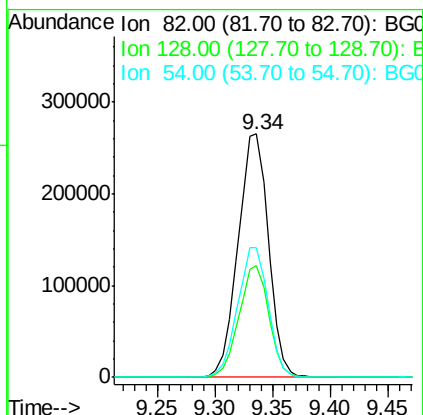
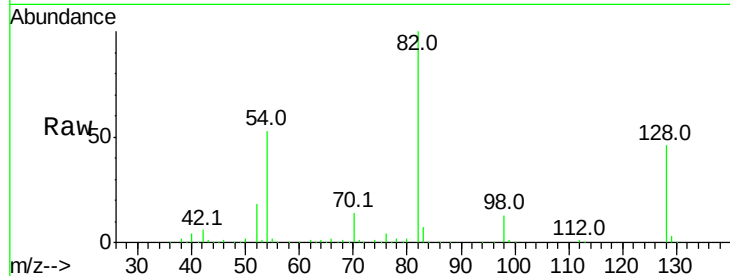




#23
 Nitrobenzene-d5
 Concen: 91.611 ng
 RT: 9.34 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG030498.D
 Acq: 27 Oct 2017 15:26

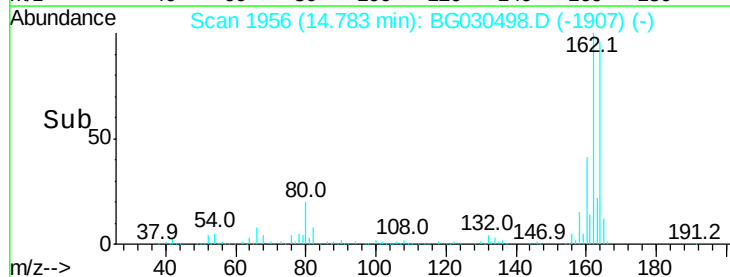
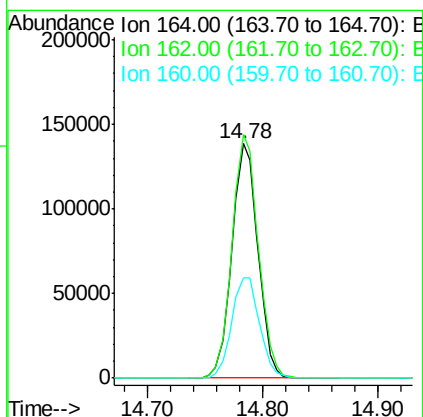
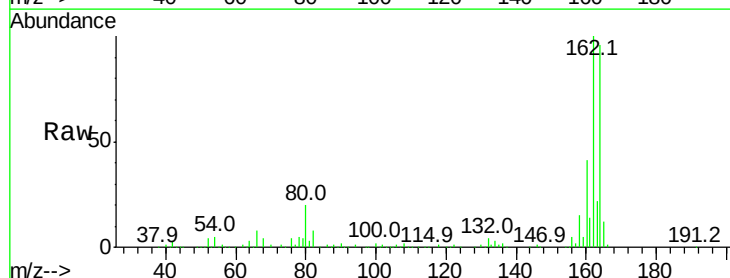
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-102417

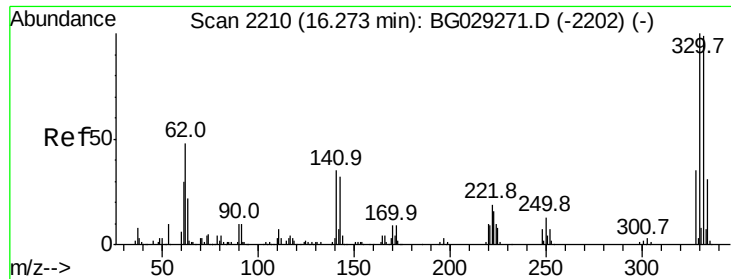
Tot Ion: 82 Resp: 486245
 Ion Ratio Lower Upper
 82 100
 128 45.7 29.7 44.5#
 54 53.4 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG030498.D
 Acq: 27 Oct 2017 15:26

Tgt Ion:164 Resp: 215826
 Ion Ratio Lower Upper
 164 100
 162 103.8 78.8 118.2
 160 42.9 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 135.099 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG030498.D

Acq: 27 Oct 2017 15:26

Instrument :

BNA_G

ClientSampleId :

SU-01-102417

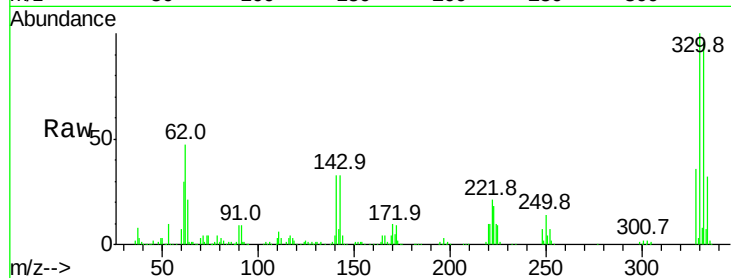
Tot Ion:330 Resp: 376457

Ion Ratio Lower Upper

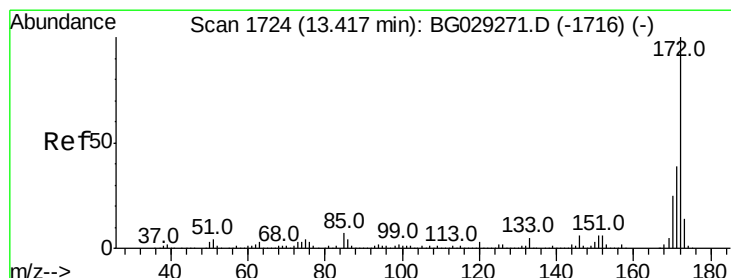
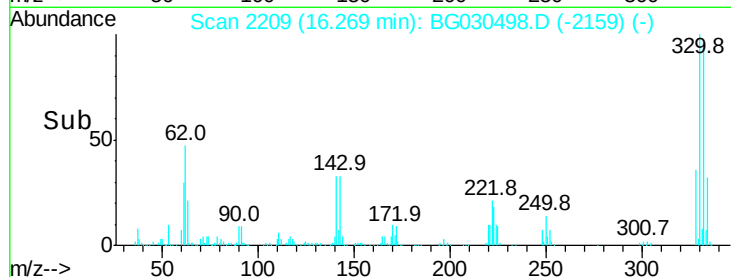
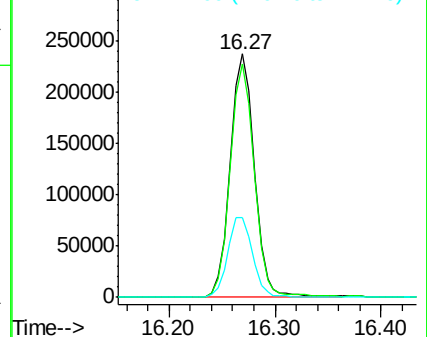
330 100

332 95.9 77.0 115.6

141 34.4 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: 83.806 ng

RT: 13.41 min Scan# 1723

Delta R.T. -0.00 min

Lab File: BG030498.D

Acq: 27 Oct 2017 15:26

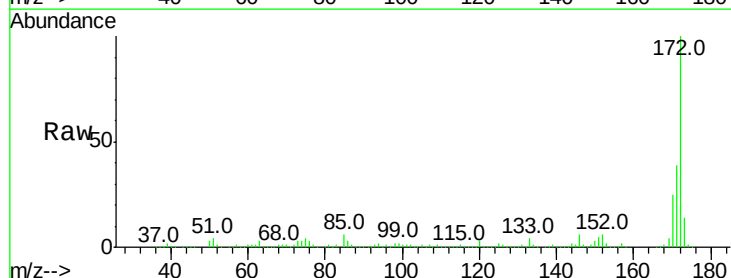
Tgt Ion:172 Resp: 1233253

Ion Ratio Lower Upper

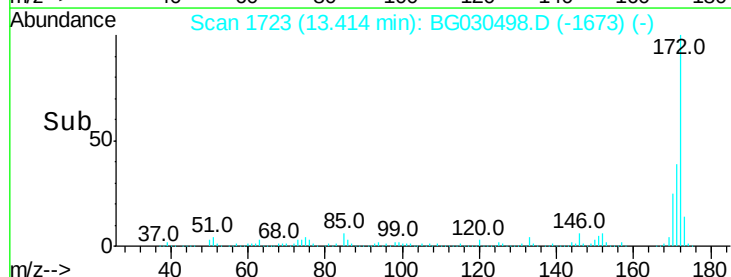
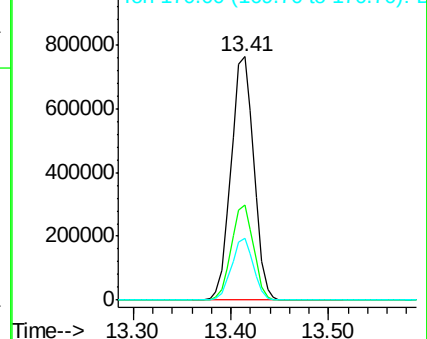
172 100

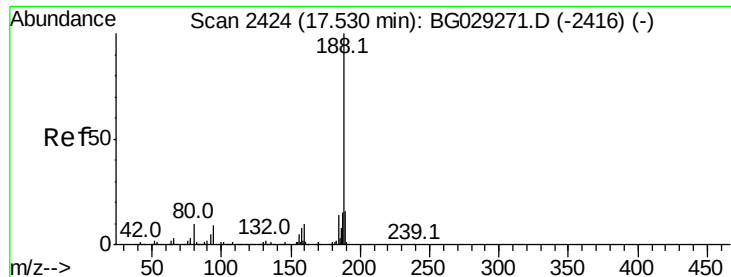
171 39.0 30.0 45.0

170 25.3 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG030498.D

Acq: 27 Oct 2017 15:26

Instrument :

BNA_G

ClientSampleId :

SU-01-102417

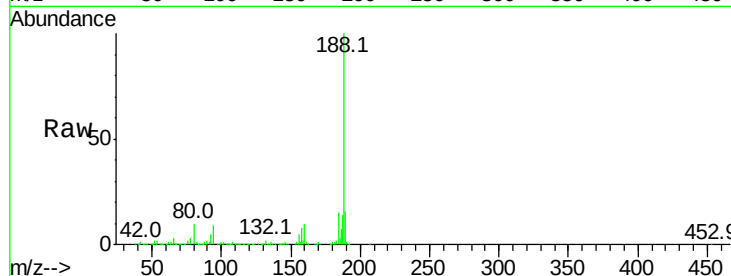
Tot Ion:188 Resp: 500052

Ion Ratio Lower Upper

188 100

94 9.1 6.9 10.3

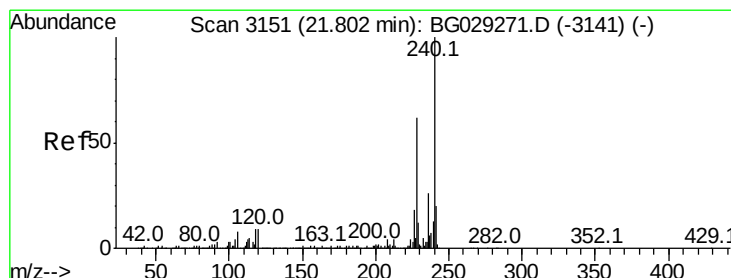
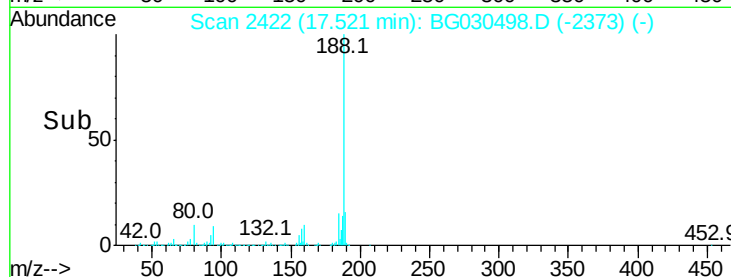
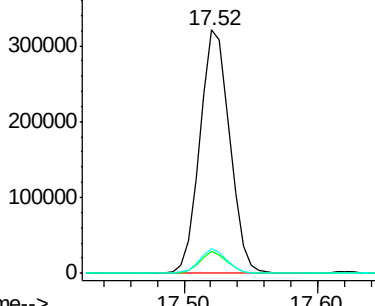
80 10.0 7.7 11.5



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: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG030498.D

Acq: 27 Oct 2017 15:26

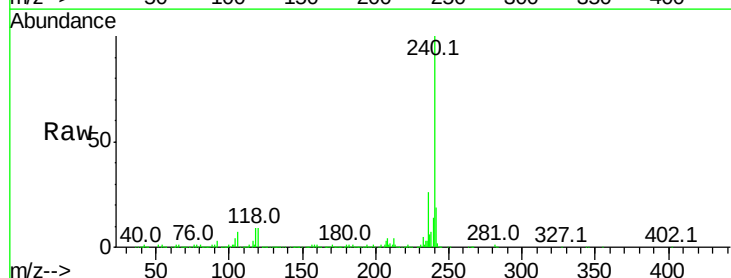
Tgt Ion:240 Resp: 525357

Ion Ratio Lower Upper

240 100

120 8.7 6.8 10.2

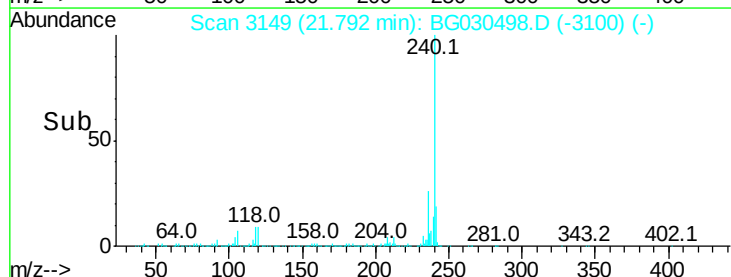
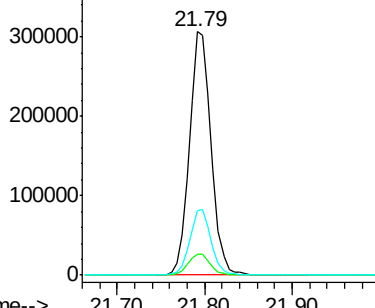
236 26.2 20.9 31.3

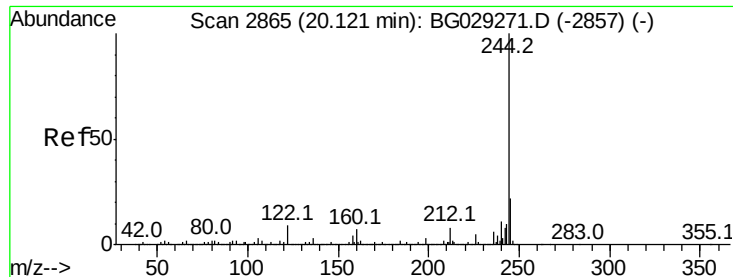


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.699 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030498.D

Acq: 27 Oct 2017 15:26

Instrument :

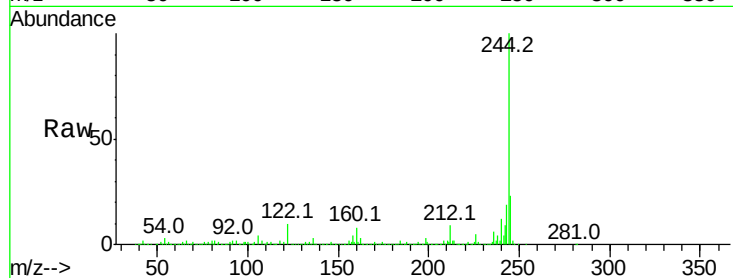
BNA_G

ClientSampleId :

SU-01-102417

Tot Ion:244 Resp: 1909789

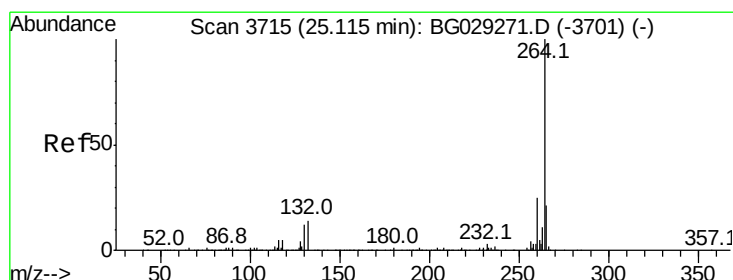
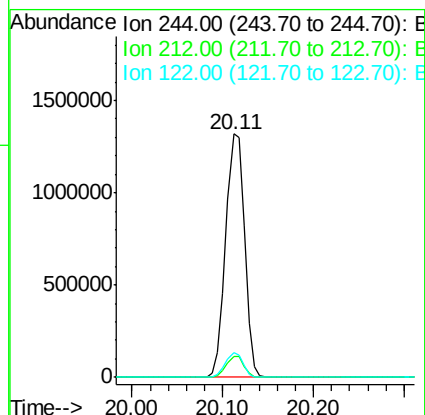
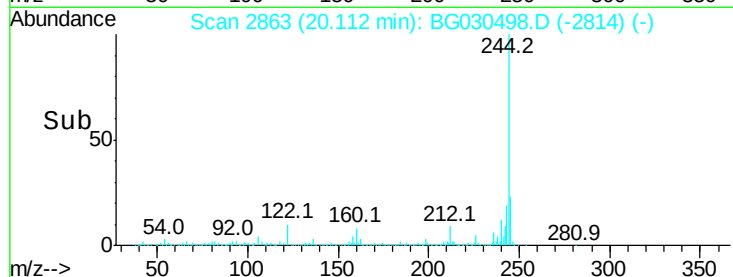
Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	10.2	7.0	10.4



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: 25.11 min Scan# 3714

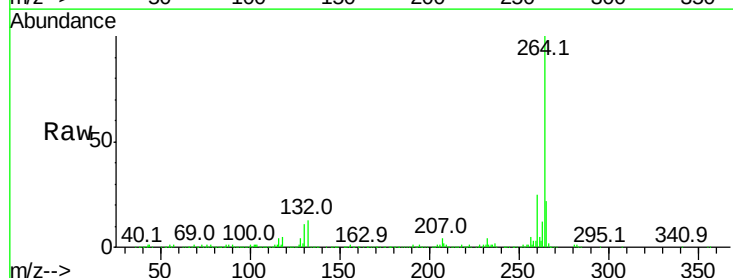
Delta R.T. -0.00 min

Lab File: BG030498.D

Acq: 27 Oct 2017 15:26

Tgt Ion:264 Resp: 521368

Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	21.7	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

