

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
 Data File : BG032075.D
 Acq On : 16 Jan 2018 18:38
 Operator : SJ/JU
 Sample : PB105704BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105704BL

Quant Time: Jan 17 01:24:11 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	51957	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	197405	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	131786	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	344688	20.00	ng	0.00
75) Chrysene-d12	22.47	240	427737	20.00	ng	-0.01
86) Perylene-d12	26.18	264	434943	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	339516	119.51	ng	0.00
7) Phenol-d6	7.87	99	406359	113.58	ng	0.00
23) Nitrobenzene-d5	9.96	82	237816	81.50	ng	0.00
41) 2,4,6-Tribromophenol	16.87	330	258651	118.61	ng	0.00
44) 2-Fluorobiphenyl	14.02	172	837189	78.77	ng	0.00
78) Terphenyl-d14	20.66	244	1597371	82.46	ng	0.00

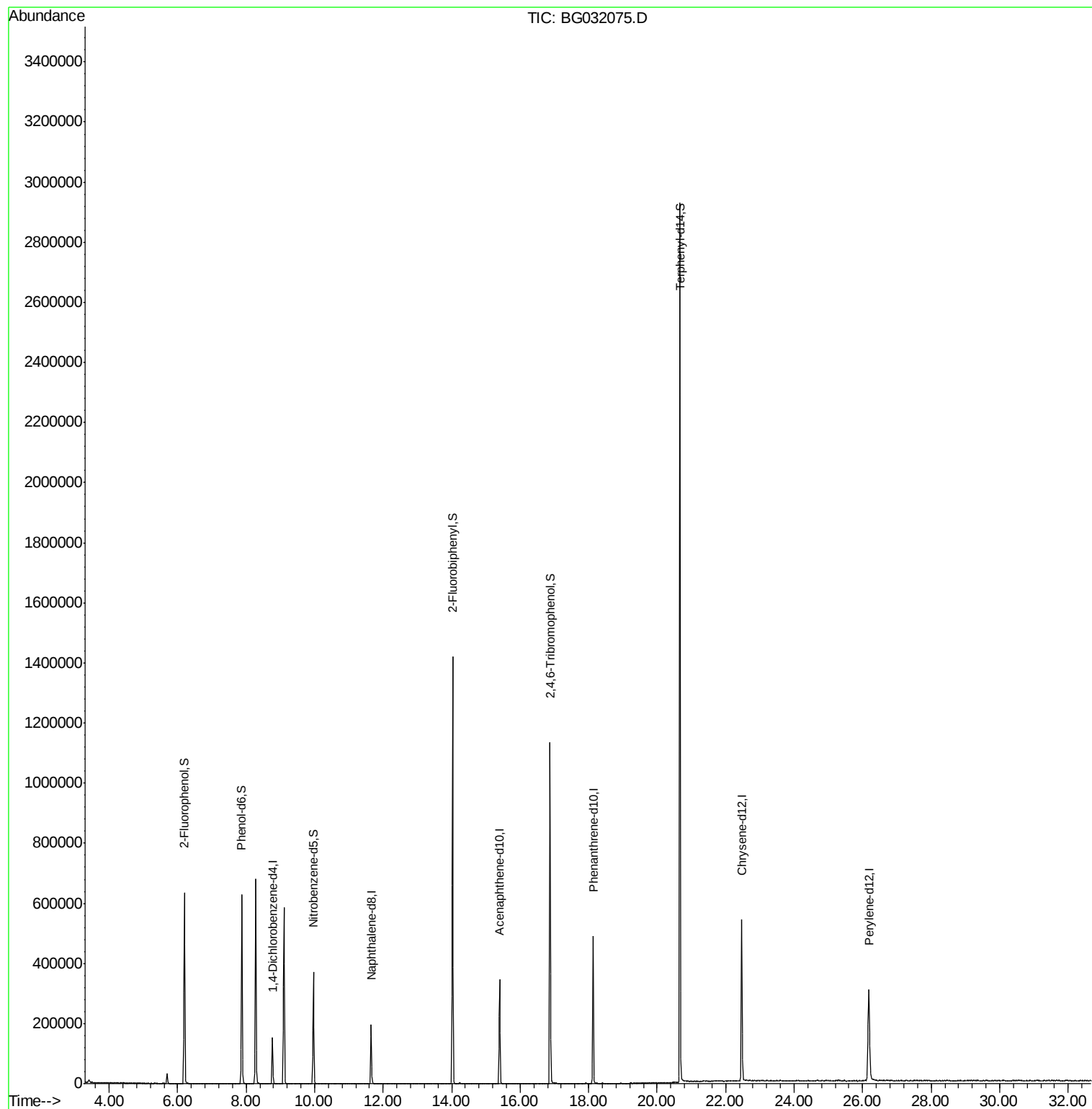
Target Compounds	Qvalue
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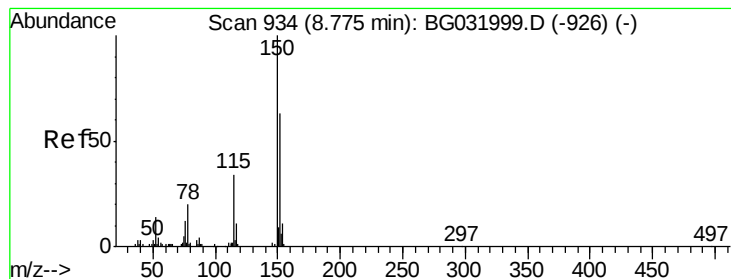
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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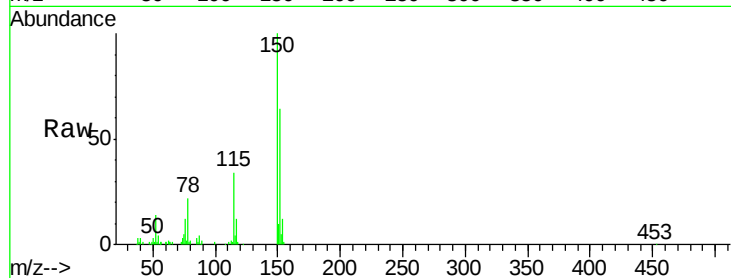


#1

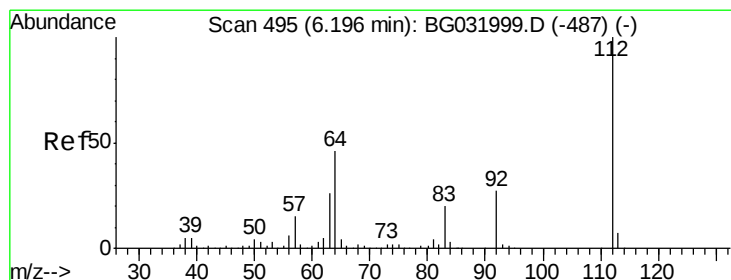
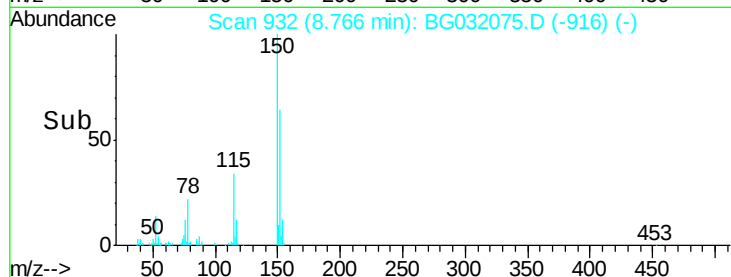
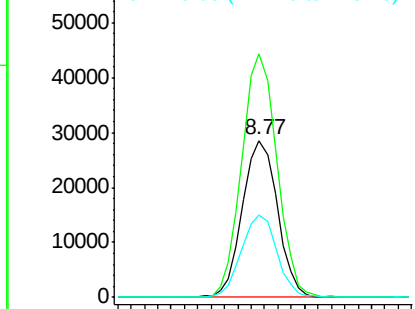
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032075.D
Acq: 16 Jan 2018 18:38

Instrument :
BNA_G
ClientSampleId :
PB105704BL

Tgt Ion:152 Resp: 51957
Ion Ratio Lower Upper
152 100
150 155.1 126.6 189.8
115 52.4 53.0 79.4#



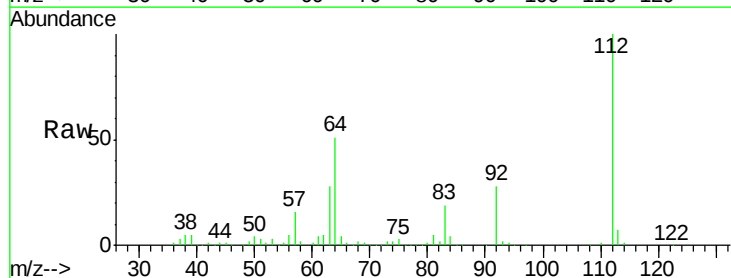
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



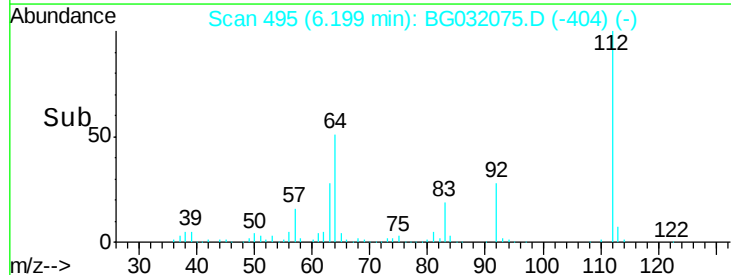
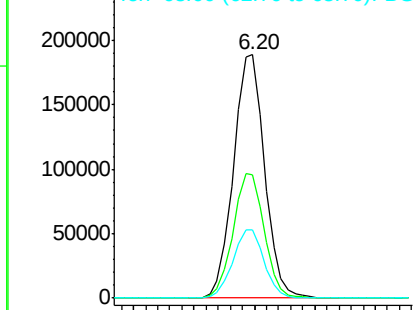
#5

2-Fluorophenol
Concen: 119.513 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032075.D
Acq: 16 Jan 2018 18:38

Tgt Ion:112 Resp: 339516
Ion Ratio Lower Upper
112 100
64 50.8 56.3 84.5#
63 28.2 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: 113.576 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032075.D

Acq: 16 Jan 2018 18:38

Instrument :

BNA_G

ClientSampleId :

PB105704BL

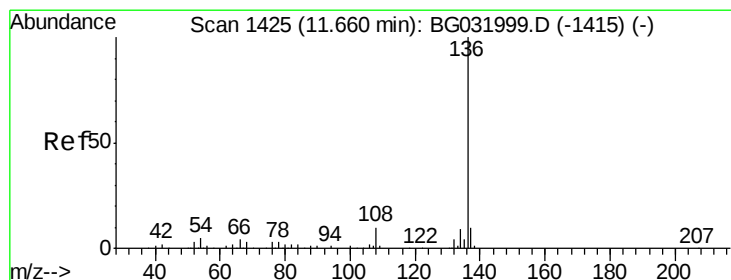
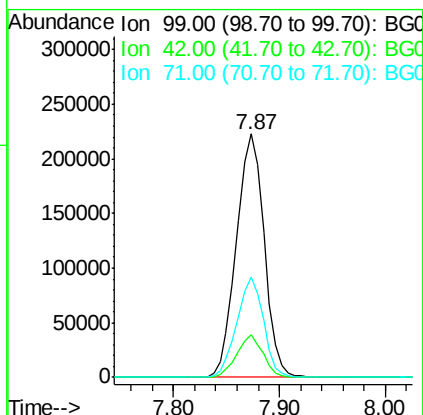
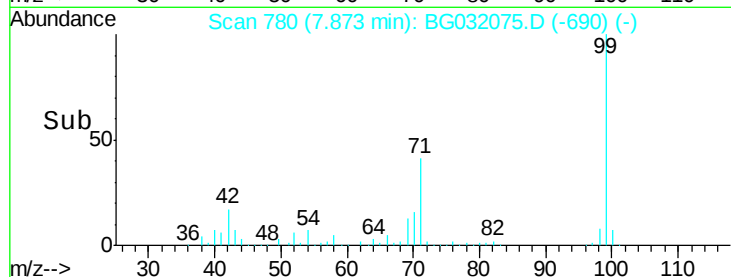
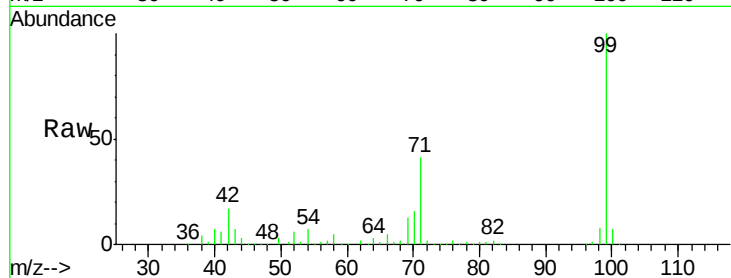
Tgt Ion: 99 Resp: 406359

Ion Ratio Lower Upper

99 100

42 17.5 14.1 21.1

71 41.0 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.65 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BG032075.D

Acq: 16 Jan 2018 18:38

Tgt Ion: 136 Resp: 197405

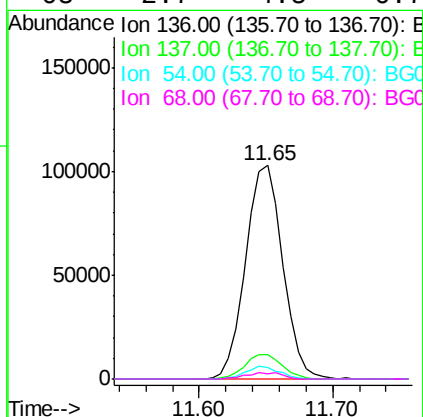
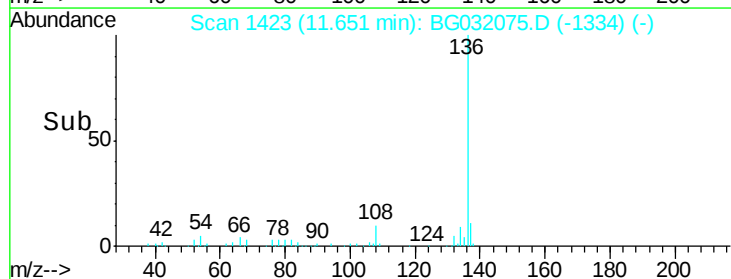
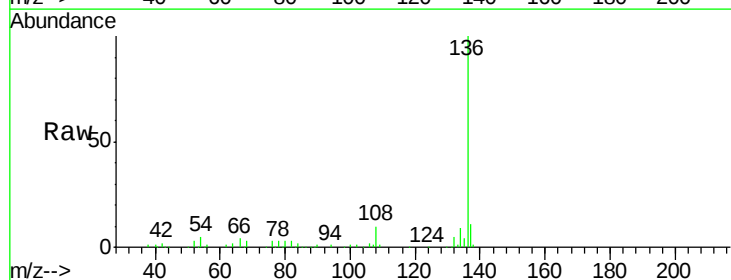
Ion Ratio Lower Upper

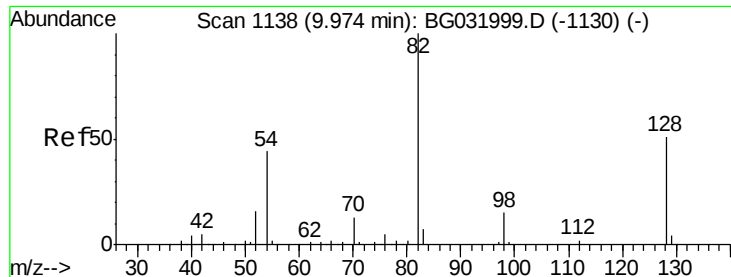
136 100

137 11.3 9.2 13.8

54 5.2 10.3 15.5#

68 2.7 4.5 6.7#

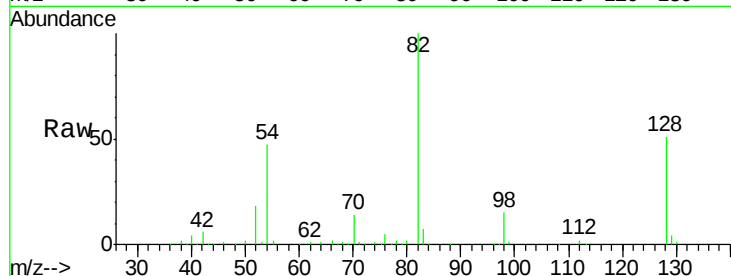




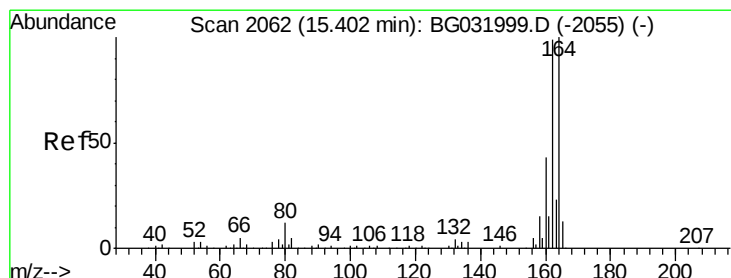
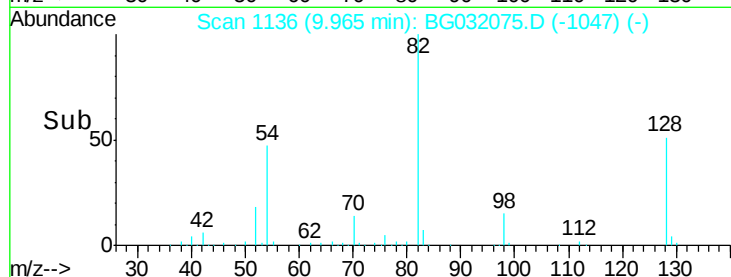
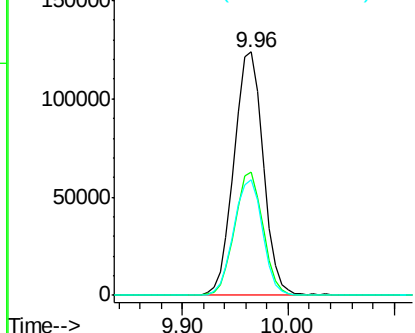
#23
Nitrobenzene-d5
Concen: 81.504 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032075.D
Acq: 16 Jan 2018 18:38

Instrument :
BNA_G
ClientSampleId :
PB105704BL

Tgt Ion: 82 Resp: 237816
Ion Ratio Lower Upper
82 100
128 50.9 29.7 44.5#
54 47.4 43.1 64.7

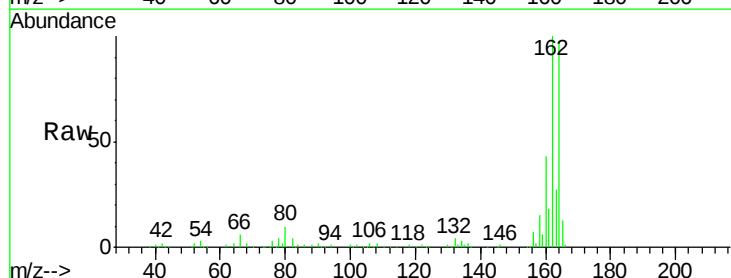


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

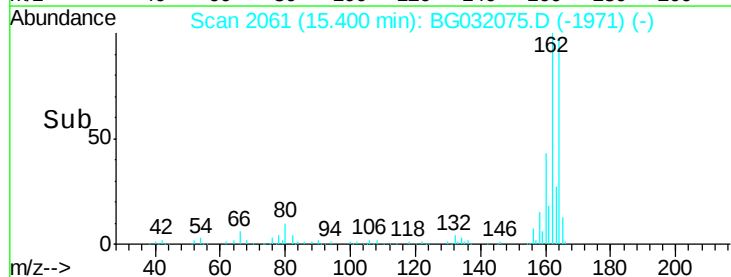
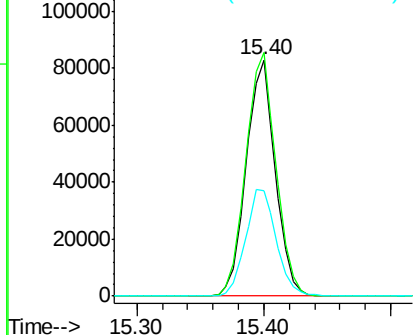


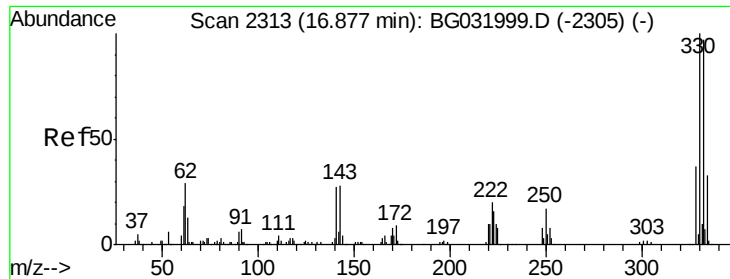
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG032075.D
Acq: 16 Jan 2018 18:38

Tgt Ion: 164 Resp: 131786
Ion Ratio Lower Upper
164 100
162 103.0 78.8 118.2
160 44.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 118.606 ng

RT: 16.87 min Scan# 2312

Delta R.T. -0.00 min

Lab File: BG032075.D

Acq: 16 Jan 2018 18:38

Instrument :

BNA_G

ClientSampleId :

PB105704BL

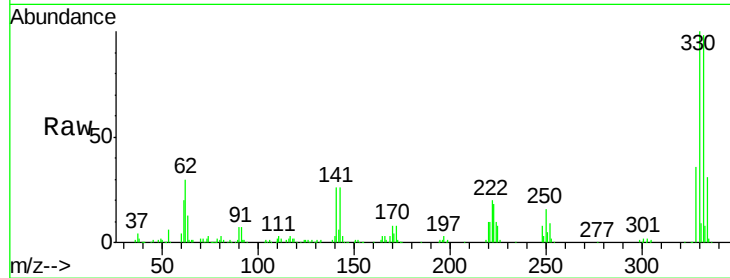
Tgt Ion:330 Resp: 258651

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

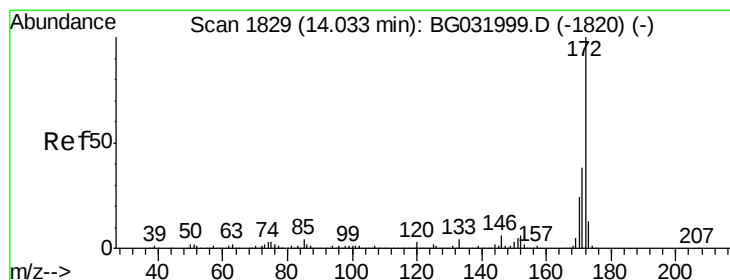
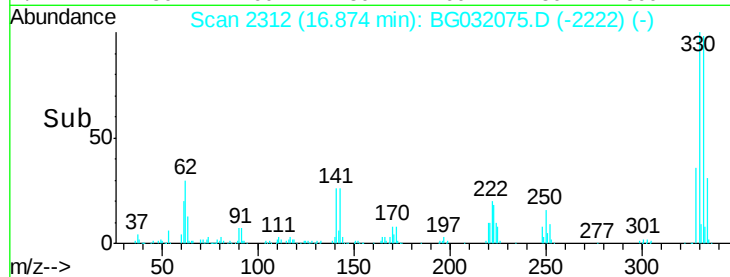
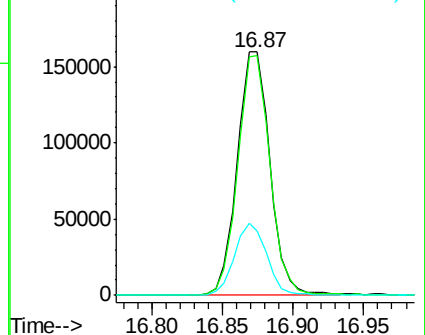
141 29.3 25.2 37.8



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: 78.770 ng

RT: 14.02 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BG032075.D

Acq: 16 Jan 2018 18:38

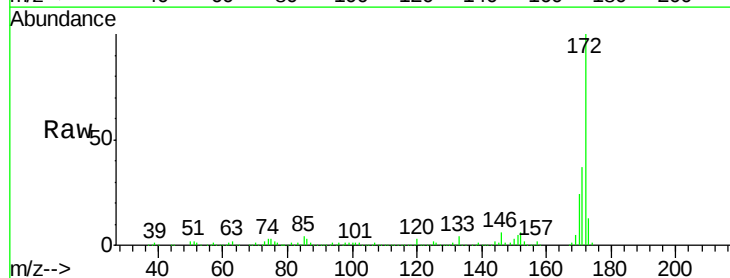
Tgt Ion:172 Resp: 837189

Ion Ratio Lower Upper

172 100

171 36.9 30.0 45.0

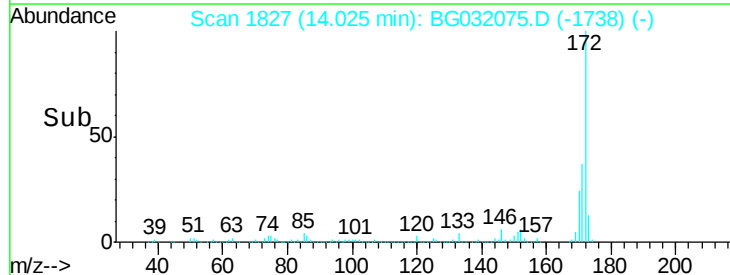
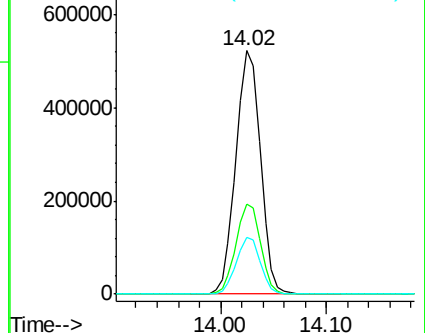
170 23.5 19.5 29.3

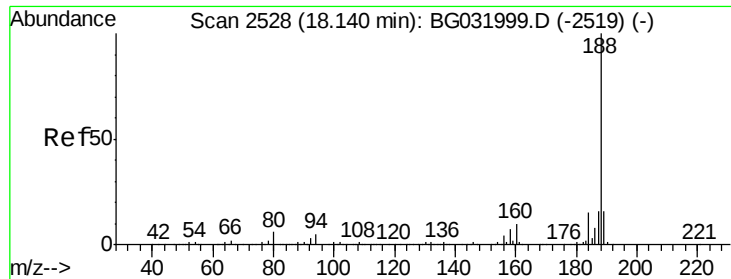


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

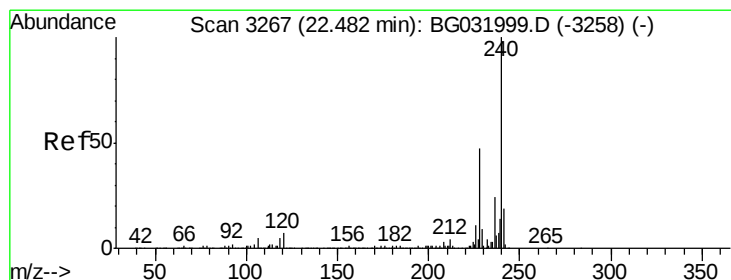
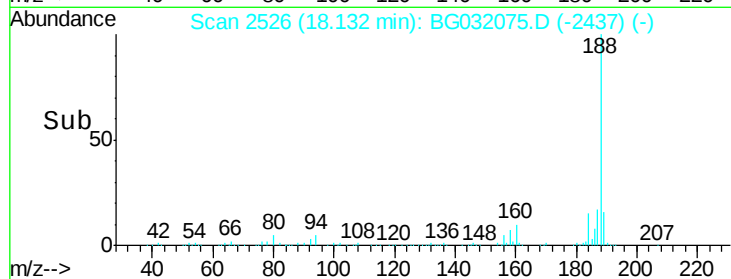
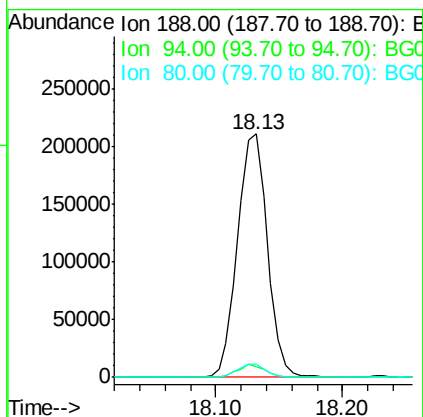
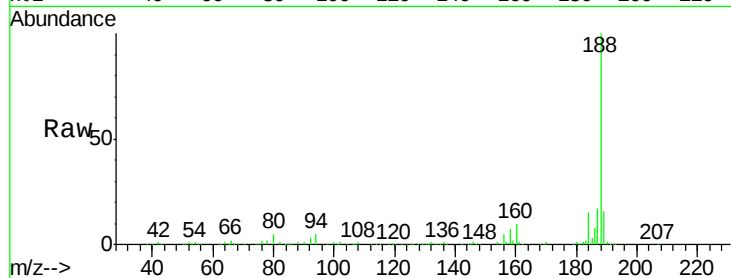




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032075.D
Acq: 16 Jan 2018 18:38

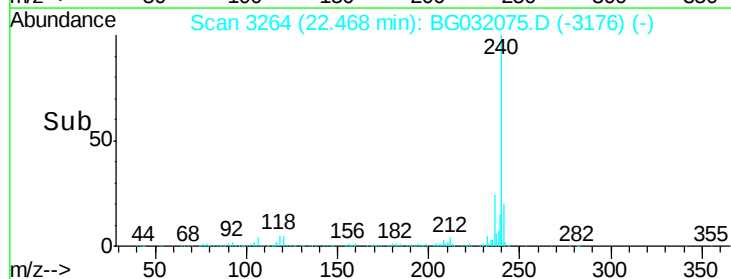
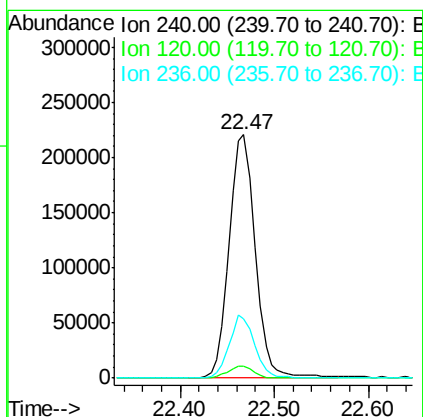
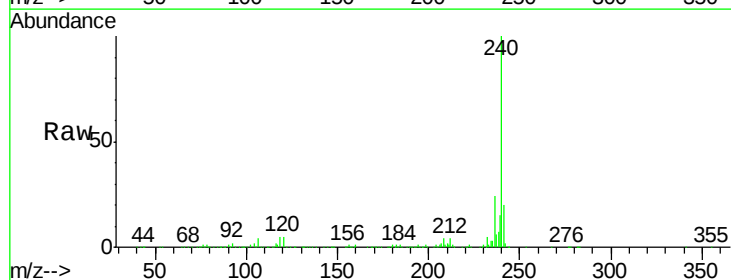
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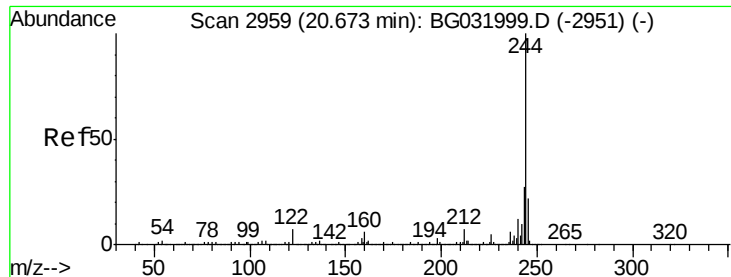
Tgt Ion:188 Resp: 344688
Ion Ratio Lower Upper
188 100
94 4.6 6.9 10.3#
80 5.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3264
Delta R.T. -0.01 min
Lab File: BG032075.D
Acq: 16 Jan 2018 18:38

Tgt Ion:240 Resp: 427737
Ion Ratio Lower Upper
240 100
120 4.9 6.8 10.2#
236 24.3 20.9 31.3





#78

Terphenyl-d14

Concen: 82.459 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032075.D

Acq: 16 Jan 2018 18:38

Instrument :

BNA_G

ClientSampleId :

PB105704BL

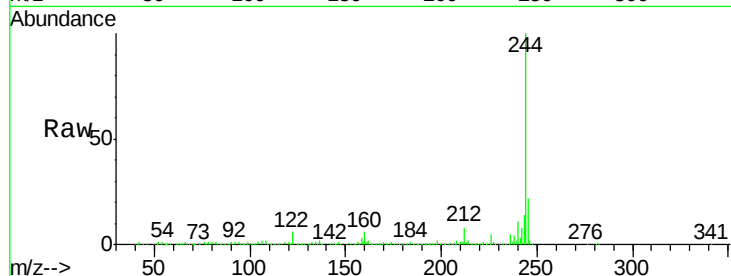
Tgt Ion:244 Resp: 1597371

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

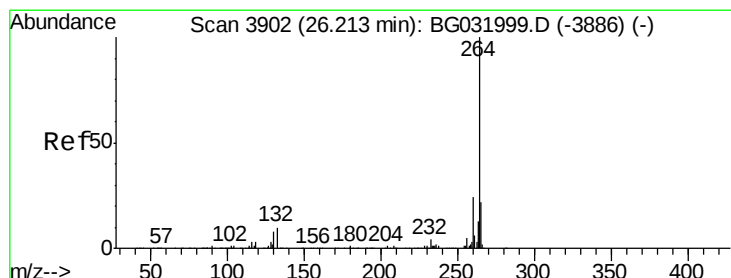
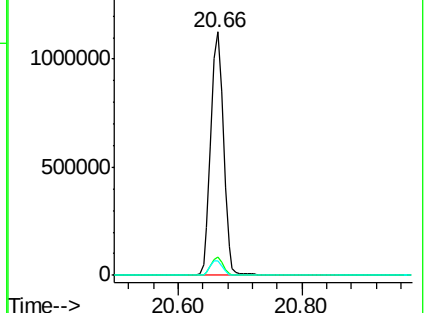
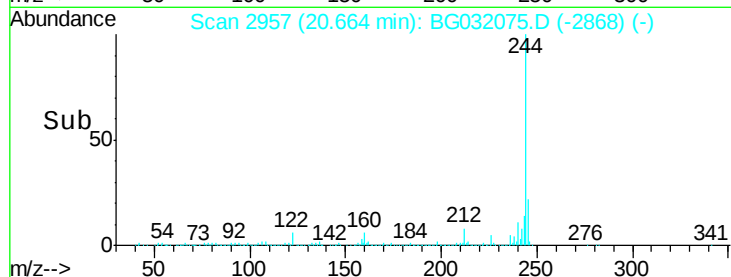
122 6.1 7.0 10.4#



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: 26.18 min Scan# 3896

Delta R.T. -0.03 min

Lab File: BG032075.D

Acq: 16 Jan 2018 18:38

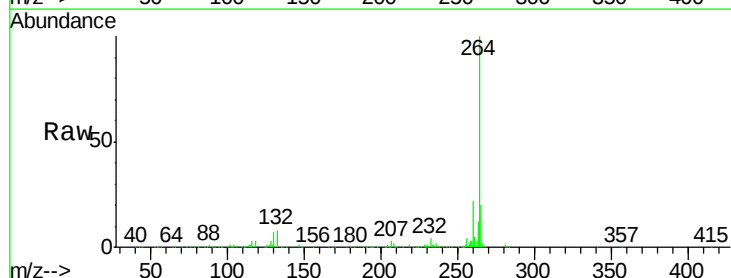
Tgt Ion:264 Resp: 434943

Ion Ratio Lower Upper

264 100

260 22.3 17.4 26.0

265 19.7 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

