

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\
 Data File : BG028985.D
 Acq On : 30 Sep 2017 18:46
 Operator : SJ/JU
 Sample : PB102778BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102778BL

Quant Time: Oct 01 02:33:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 01 02:30:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	35442	20.00	ng	0.00
21) Naphthalene-d8	11.07	136	134572	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	94546	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	250538	20.00	ng	0.00
75) Chrysene-d12	21.94	240	300206	20.00	ng	0.00
86) Perylene-d12	25.37	264	313547	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.83	112	324550	151.10	ng	0.00
7) Phenol-d6	7.41	99	417030	128.95	ng	0.00
23) Nitrobenzene-d5	9.43	82	268180	95.33	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	202831	129.71	ng	0.00
44) 2-Fluorobiphenyl	13.49	172	661222	93.25	ng	0.00
78) Terphenyl-d14	20.22	244	1260306	89.53	ng	0.00

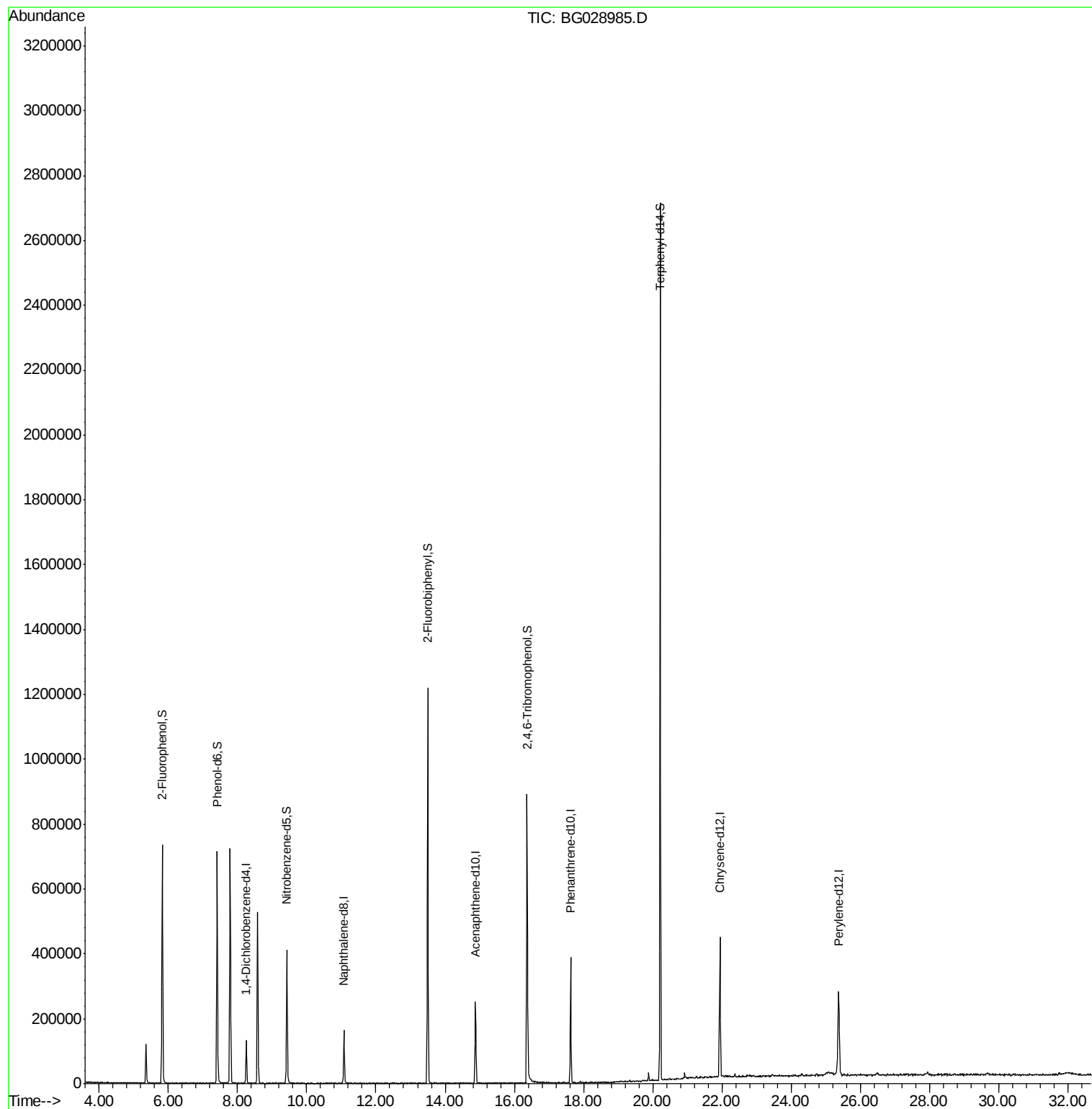
Target Compounds Qvalue

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

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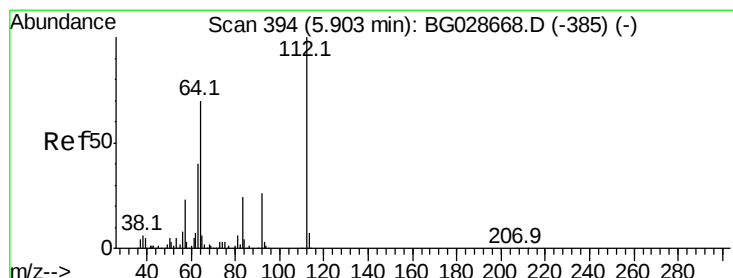
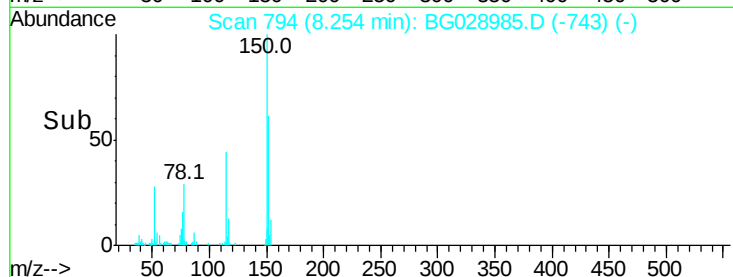
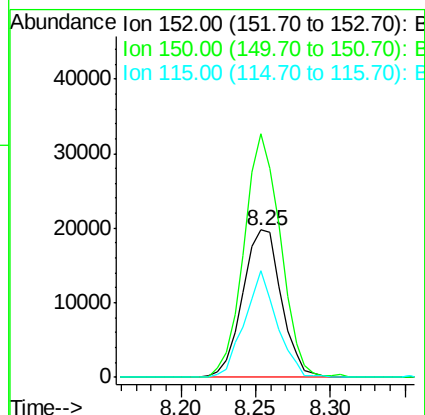
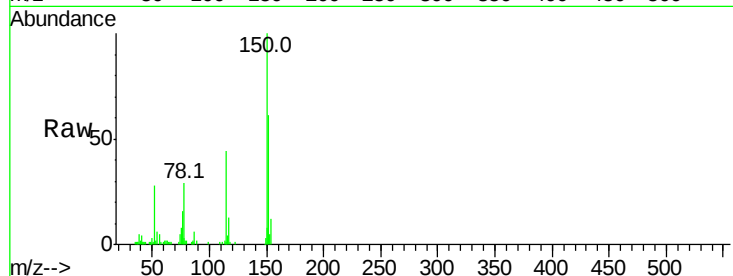


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.25 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG028985.D
Acq: 30 Sep 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PB102778BL

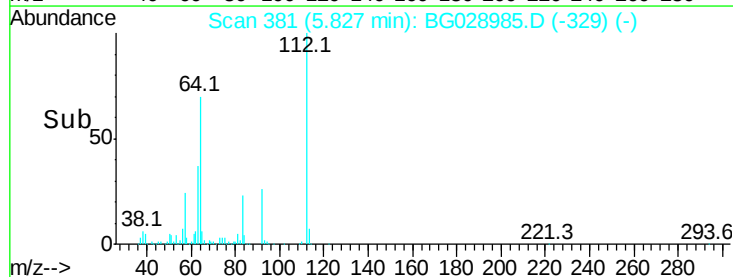
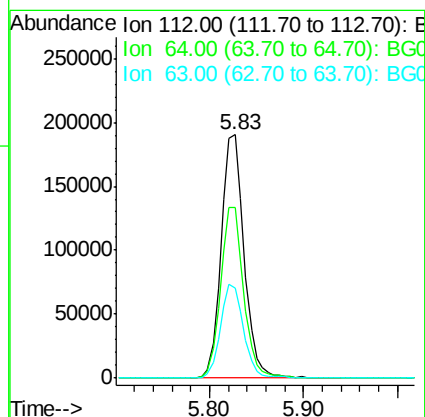
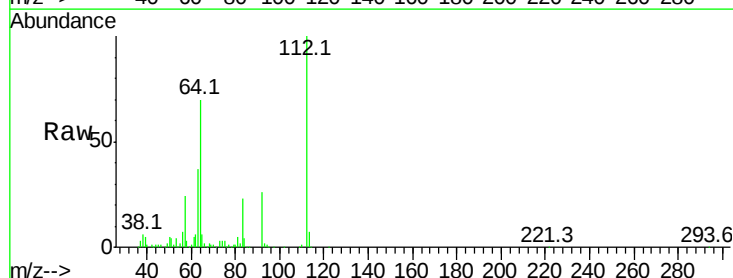
Tot Ion:152 Resp: 35442
Ion Ratio Lower Upper
152 100
150 165.0 114.0 171.0
115 72.6 48.1 72.1#

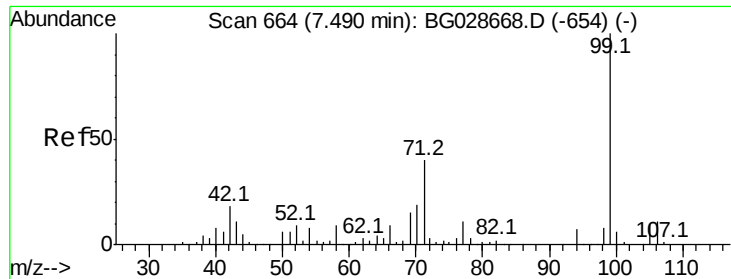


#5

2-Fluorophenol
Concen: 151.099 ng
RT: 5.83 min Scan# 381
Delta R.T. 0.01 min
Lab File: BG028985.D
Acq: 30 Sep 2017 18:46

Tgt Ion:112 Resp: 324550
Ion Ratio Lower Upper
112 100
64 70.2 61.8 92.6
63 37.0 37.2 55.8#





#7

Phenol-d6

Concen: 128.953 ng

RT: 7.41 min Scan# 651

Delta R.T. -0.00 min

Lab File: BG028985.D

Acq: 30 Sep 2017 18:46

Instrument :

BNA_G

ClientSampleId :

PB102778BL

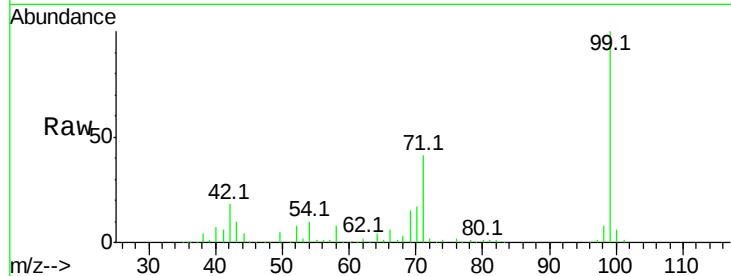
Tot Ion: 99 Resp: 417030

Ion Ratio Lower Upper

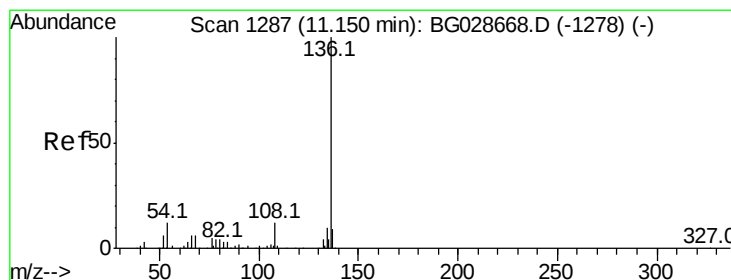
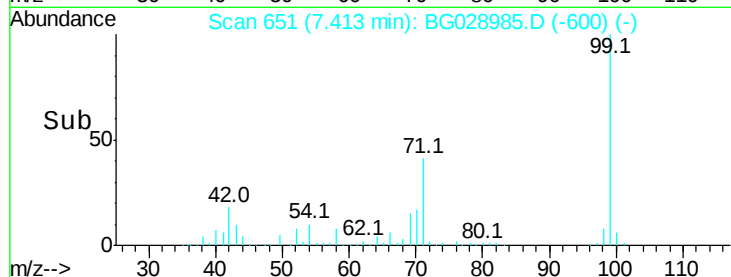
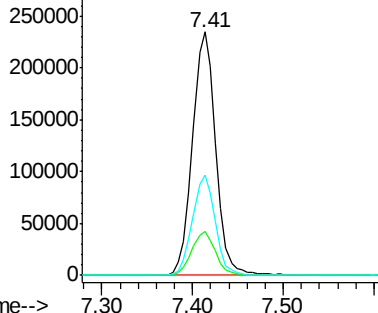
99 100

42 18.1 20.5 30.7#

71 41.0 37.6 56.4



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: 11.07 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BG028985.D

Acq: 30 Sep 2017 18:46

Tgt Ion: 136 Resp: 134572

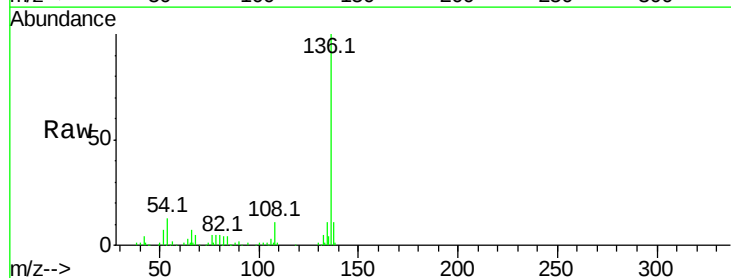
Ion Ratio Lower Upper

136 100

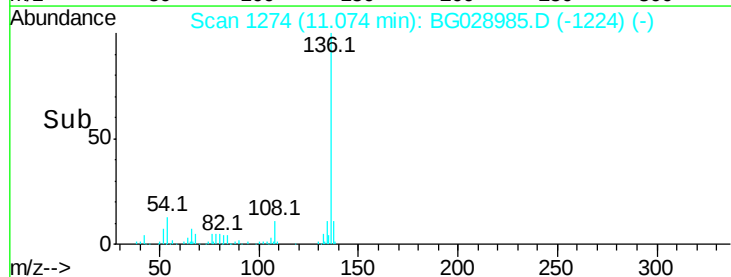
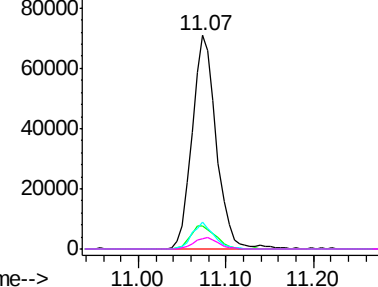
137 10.7 8.9 13.3

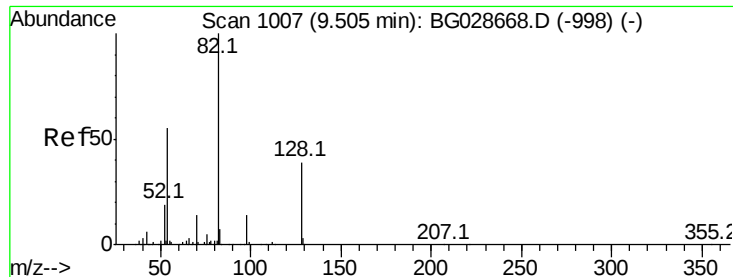
54 12.8 9.3 13.9

68 5.1 5.1 7.7#



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: 95.332 ng

RT: 9.43 min Scan# 994

Delta R.T. -0.00 min

Lab File: BG028985.D

Acq: 30 Sep 2017 18:46

Instrument :

BNA_G

ClientSampleId :

PB102778BL

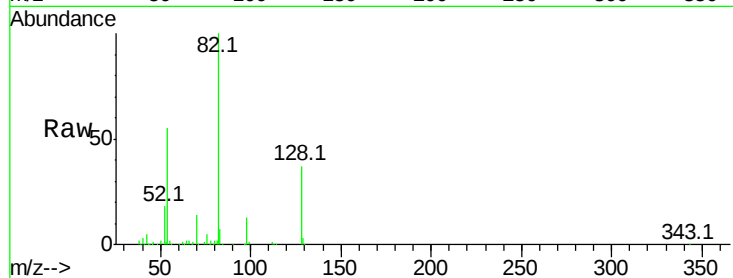
Tot Ion: 82 Resp: 268180

Ion Ratio Lower Upper

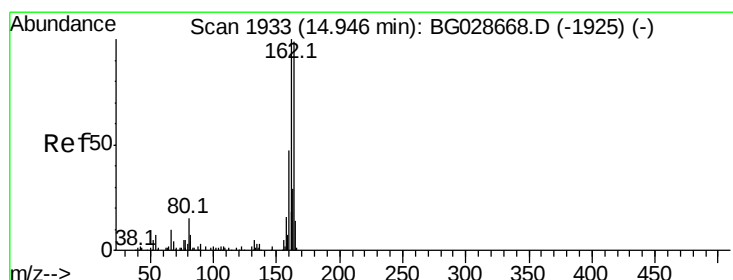
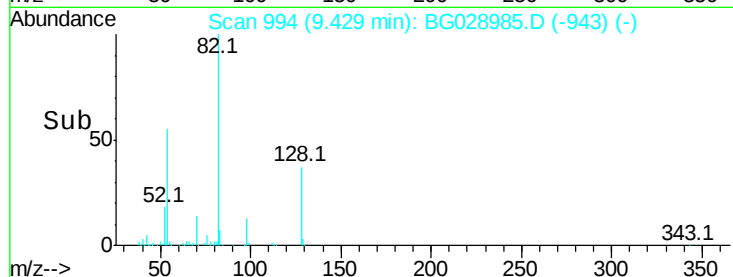
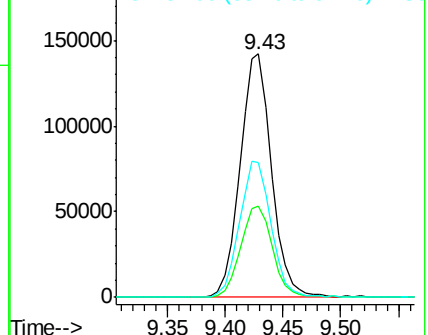
82 100

128 37.4 26.4 39.6

54 55.3 49.4 74.2



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: 14.88 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG028985.D

Acq: 30 Sep 2017 18:46

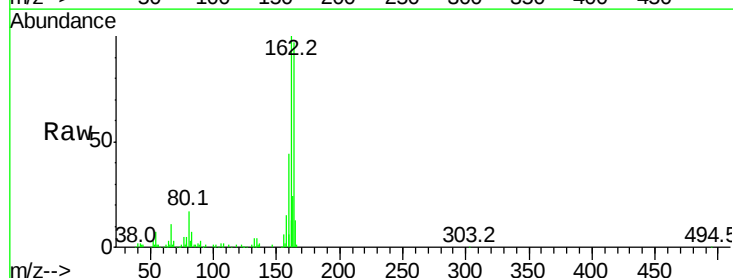
Tgt Ion: 164 Resp: 94546

Ion Ratio Lower Upper

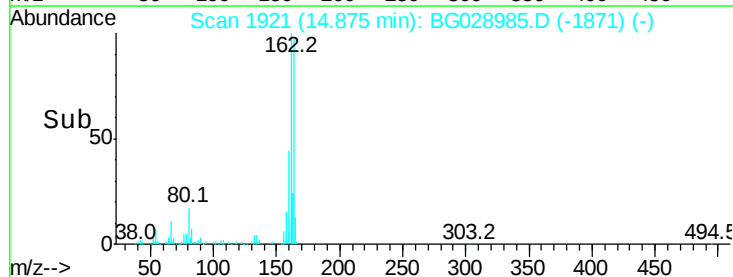
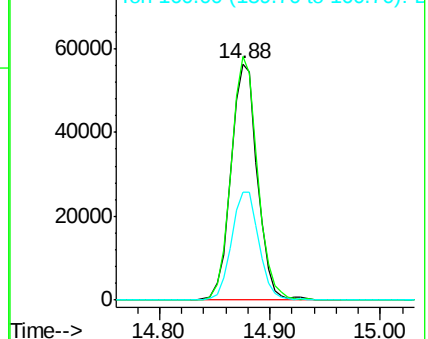
164 100

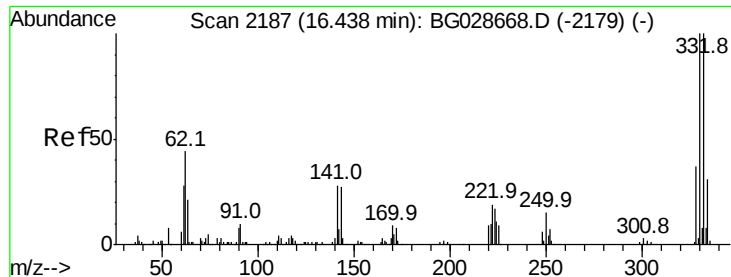
162 103.2 85.1 127.7

160 45.9 34.7 52.1



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: 129.709 ng

RT: 16.37 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG028985.D

Acq: 30 Sep 2017 18:46

Instrument :

BNA_G

ClientSampleId :

PB102778BL

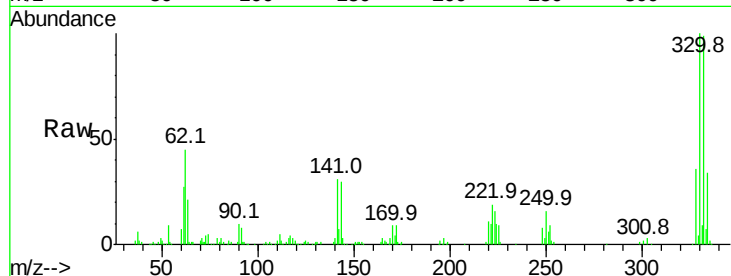
Tot Ion:330 Resp: 202831

Ion Ratio Lower Upper

330 100

332 101.2 77.3 115.9

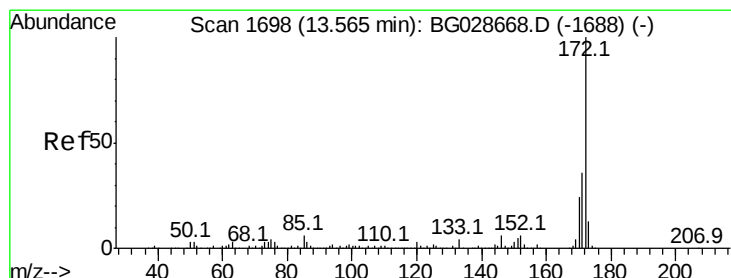
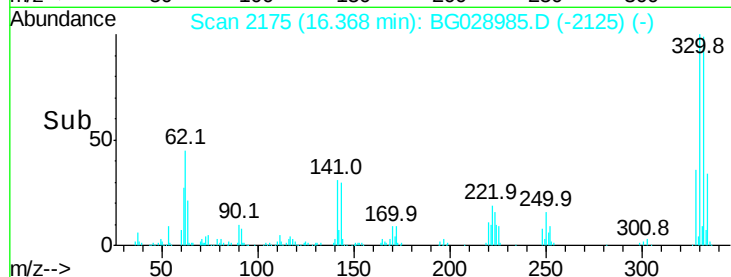
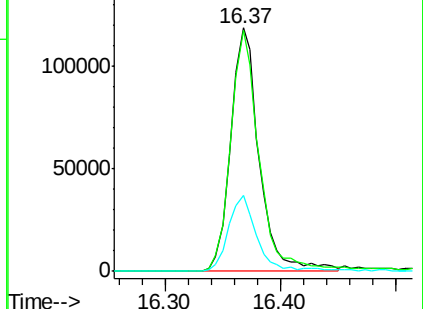
141 31.1 32.1 48.1#



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: 93.255 ng

RT: 13.49 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG028985.D

Acq: 30 Sep 2017 18:46

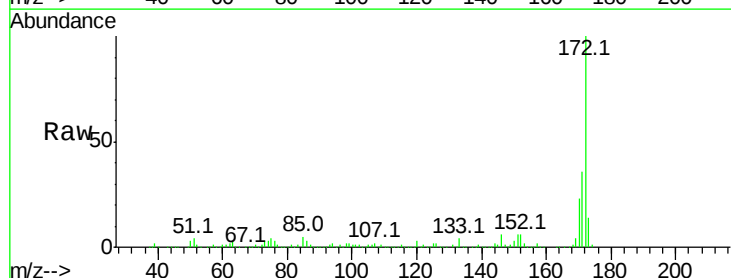
Tgt Ion:172 Resp: 661222

Ion Ratio Lower Upper

172 100

171 35.7 32.2 48.2

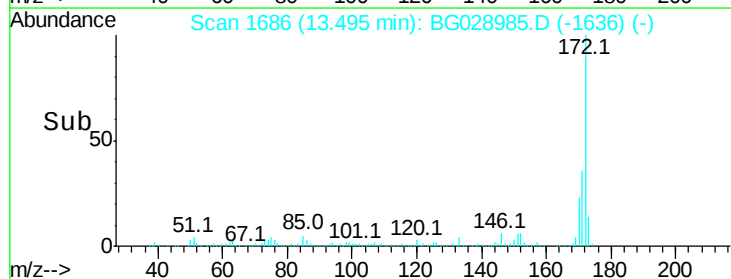
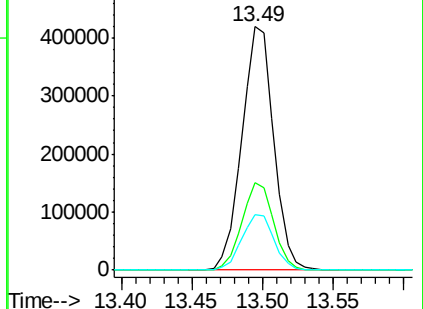
170 22.7 21.8 32.6

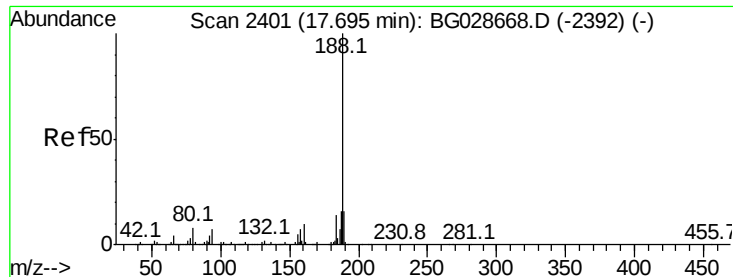


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

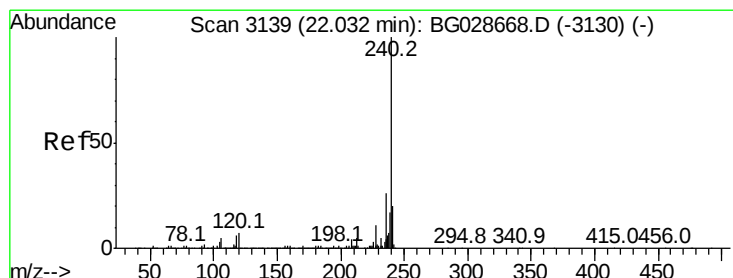
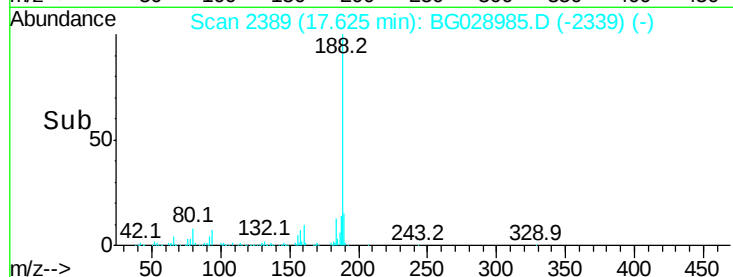
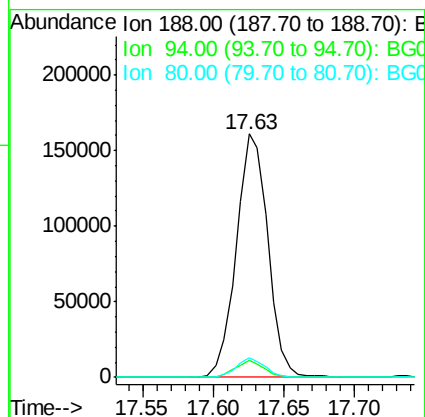
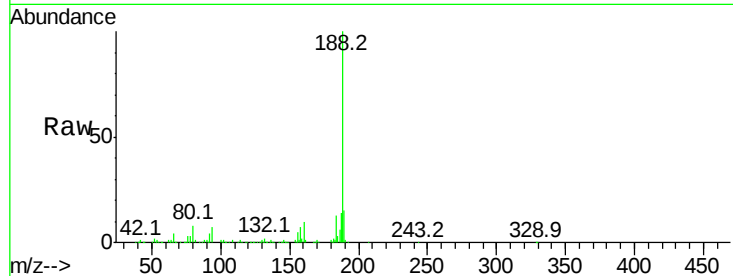




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.63 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BG028985.D
Acq: 30 Sep 2017 18:46

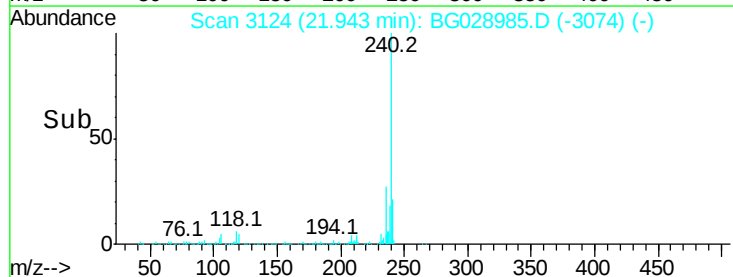
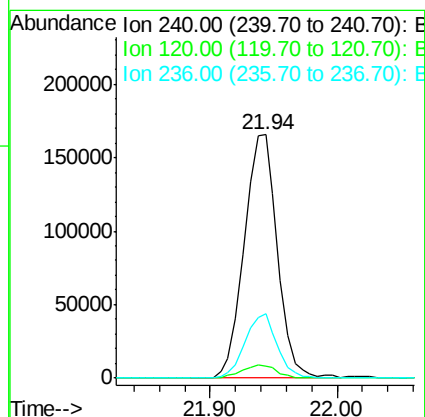
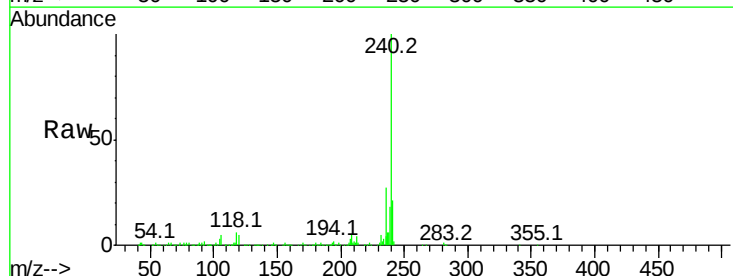
Instrument :
BNA_G
ClientSampleId :
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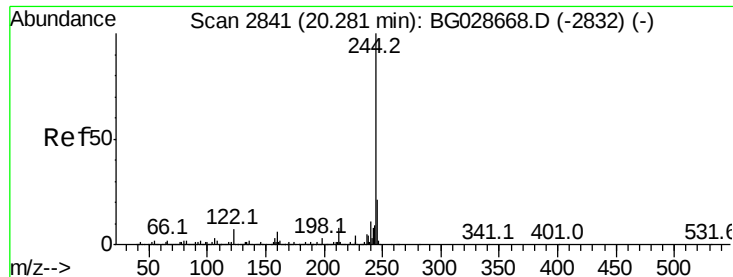
Tot Ion:188 Resp: 250538
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.8
80 8.3 7.5 11.3



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.94 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BG028985.D
Acq: 30 Sep 2017 18:46

Tgt Ion:240 Resp: 300206
Ion Ratio Lower Upper
240 100
120 4.7 5.7 8.5#
236 26.5 22.2 33.4





#78

Terphenyl-d14

Concen: 89.528 ng

RT: 20.22 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG028985.D

Acq: 30 Sep 2017 18:46

Instrument :

BNA_G

ClientSampleId :

PB102778BL

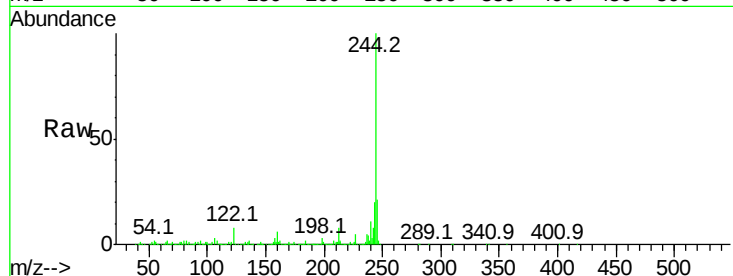
Tot Ion:244 Resp: 1260306

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

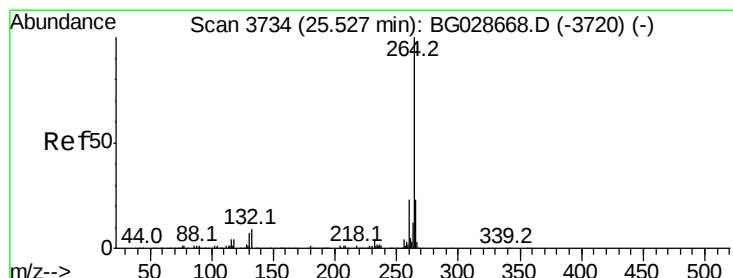
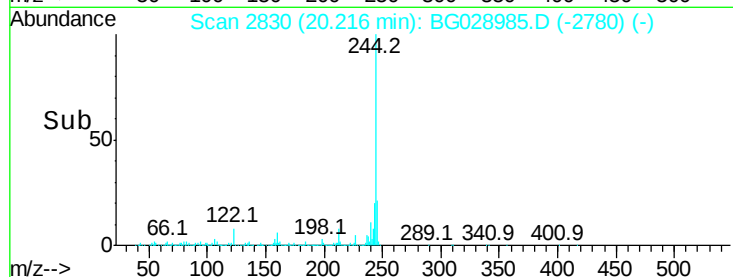
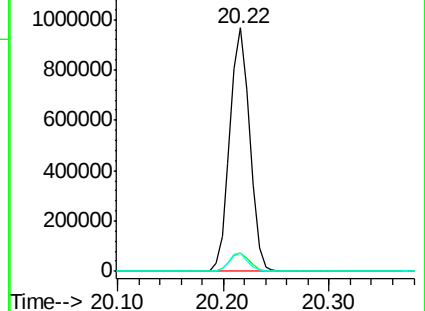
122 7.6 8.6 12.8#



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: 25.37 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG028985.D

Acq: 30 Sep 2017 18:46

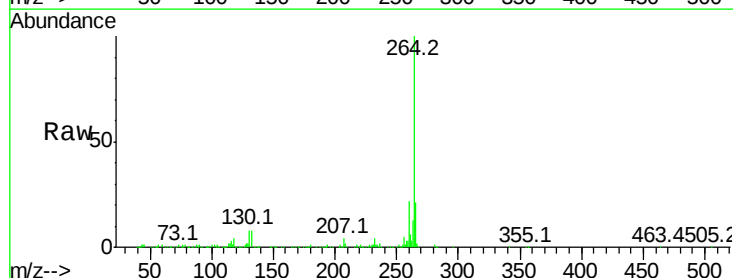
Tgt Ion:264 Resp: 313547

Ion Ratio Lower Upper

264 100

260 22.4 21.8 32.8

265 20.9 18.2 27.4



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

