

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031709.D
 Acq On : 22 Dec 2017 13:46
 Operator : SJ/JU
 Sample : I6971-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121517-DBRI-E-U-B

Quant Time: Dec 22 14:32:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

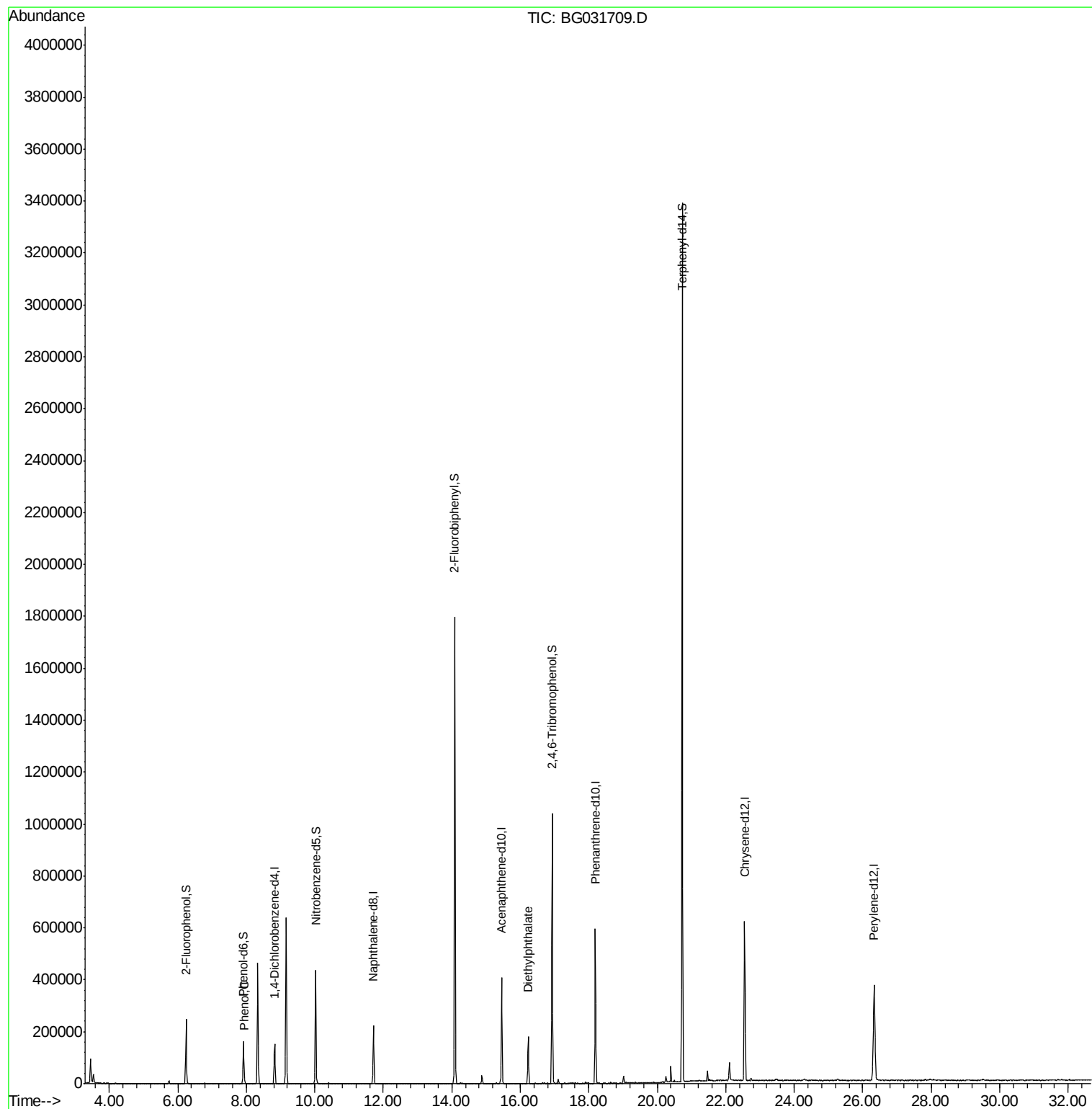
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	54590	20.00	ng	-0.01
21) Naphthalene-d8	11.71	136	221284	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	156047	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	409996	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	480135	20.00	ng	-0.02
86) Perylene-d12	26.33	264	514867	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	141342	47.16	ng	0.00
7) Phenol-d6	7.92	99	110178	28.31	ng	-0.01
23) Nitrobenzene-d5	10.03	82	288665	98.51	ng	-0.01
41) 2,4,6-Tribromophenol	16.93	330	251809	105.75	ng	-0.01
44) 2-Fluorobiphenyl	14.09	172	1084848	87.26	ng	-0.01
78) Terphenyl-d14	20.73	244	1877573	89.34	ng	-0.01
Target Compounds						
10) Phenol	7.95	94	8299	2.112	ng	93
59) Diethylphthalate	16.23	149	117847	8.795	ng	96

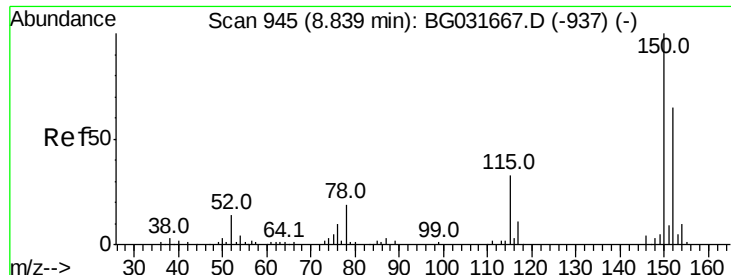
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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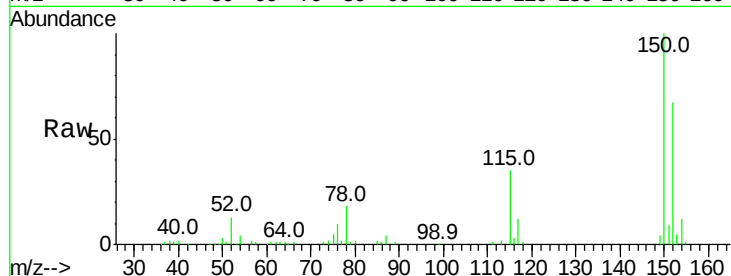


#1

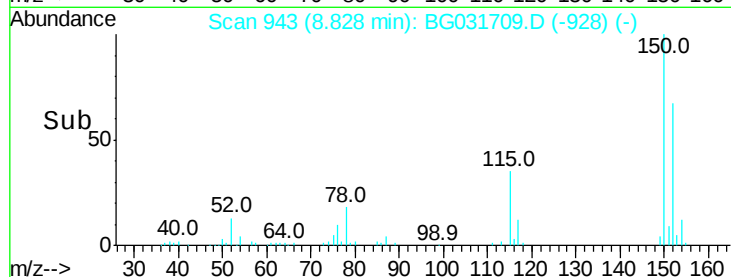
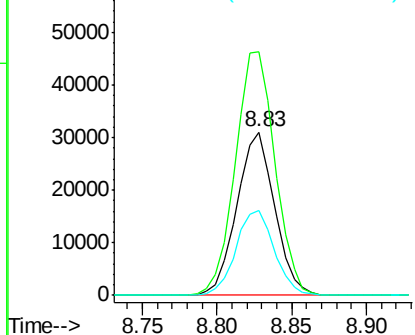
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG031709.D
Acq: 22 Dec 2017 13:46

Instrument :
BNA_G
ClientSampleId :
121517-DBRI-E-U-B

Tot Ion:152 Resp: 54590
Ion Ratio Lower Upper
152 100
150 149.4 126.6 189.8
115 52.1 53.0 79.4#



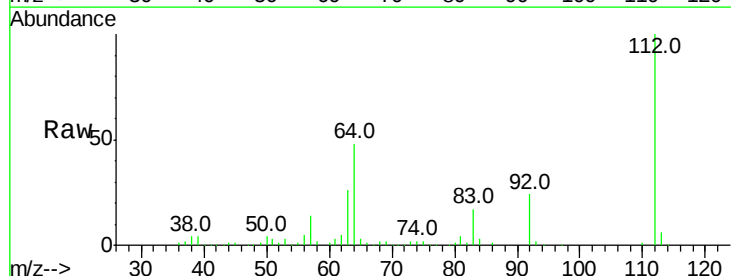
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



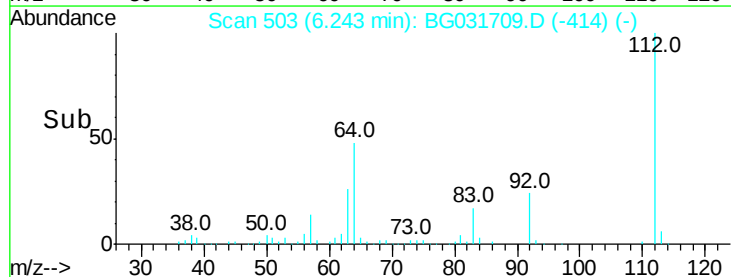
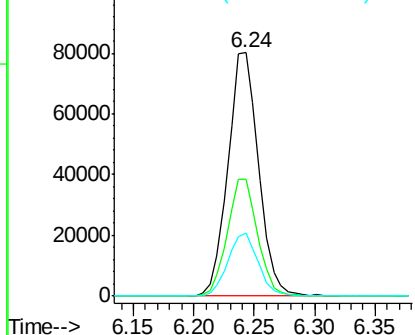
#5

2-Fluorophenol
Concen: 47.158 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG031709.D
Acq: 22 Dec 2017 13:46

Tgt Ion:112 Resp: 141342
Ion Ratio Lower Upper
112 100
64 47.9 56.3 84.5#
63 26.2 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: 28.314 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031709.D

Acq: 22 Dec 2017 13:46

Instrument :

BNA_G

ClientSampleId :

121517-DBRI-E-U-B

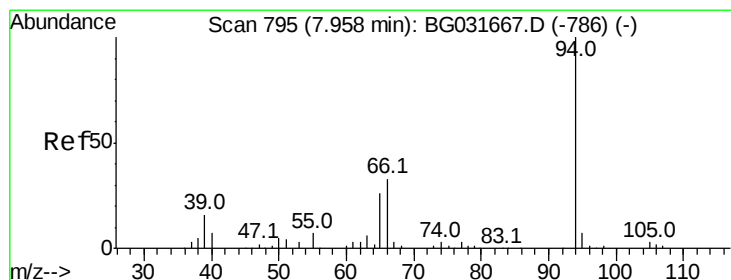
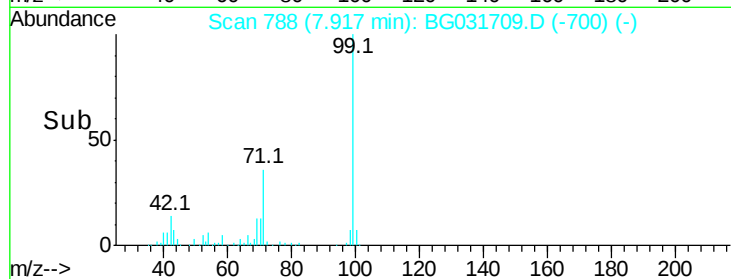
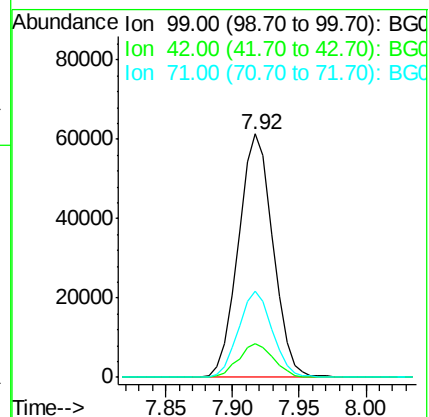
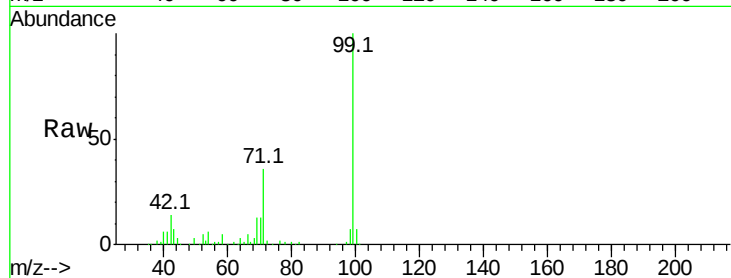
Tot Ion: 99 Resp: 110178

Ion Ratio Lower Upper

99 100

42 13.7 14.1 21.1#

71 35.5 26.1 39.1



#10

Phenol

Concen: 2.112 ng

RT: 7.95 min Scan# 793

Delta R.T. -0.01 min

Lab File: BG031709.D

Acq: 22 Dec 2017 13:46

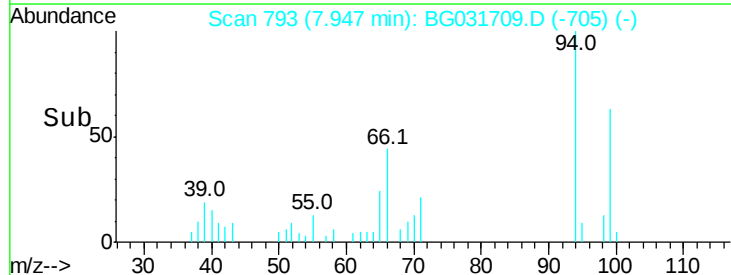
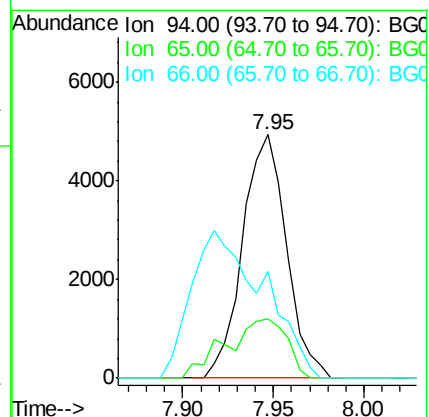
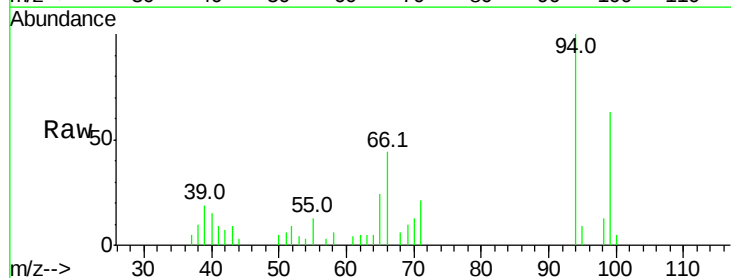
Tgt Ion: 94 Resp: 8299

Ion Ratio Lower Upper

94 100

65 24.3 11.9 51.9

66 43.8 22.2 62.2

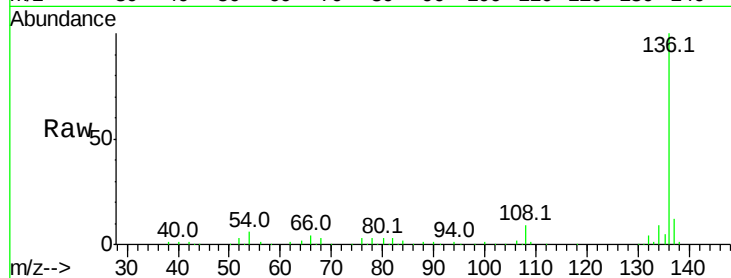




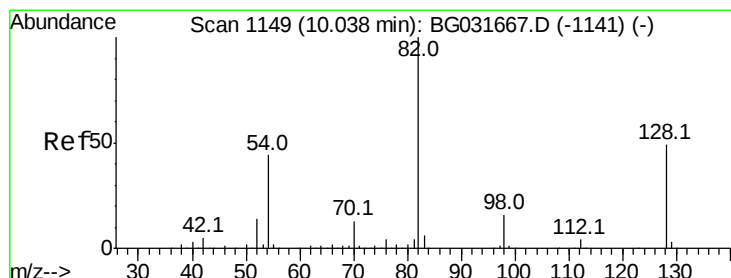
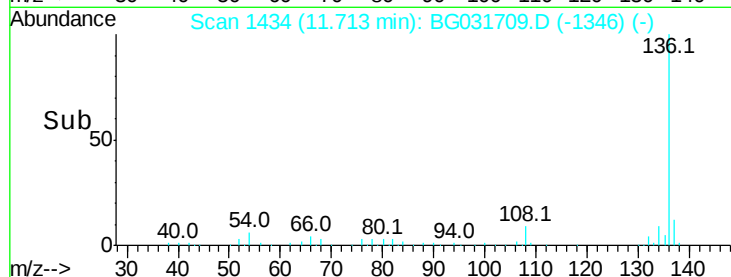
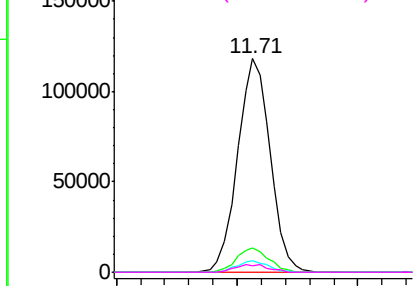
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031709.D
Acq: 22 Dec 2017 13:46

Instrument :
BNA_G
ClientSampleId :
121517-DBRI-E-U-B

Tot Ion:136	Resp:	221284
Ion	Ratio	Lower Upper
136	100	
137	11.6	9.2 13.8
54	5.6	10.3 15.5#
68	3.2	4.5 6.7#

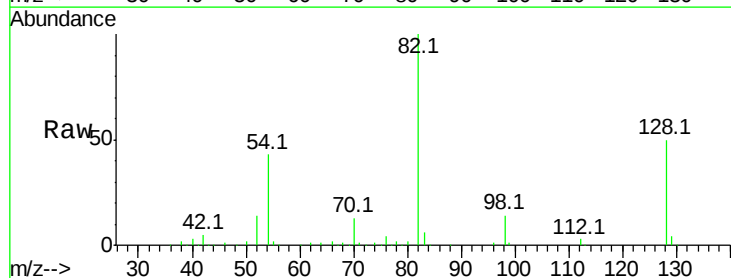


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

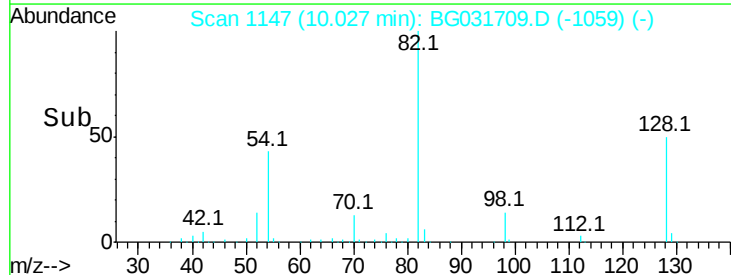
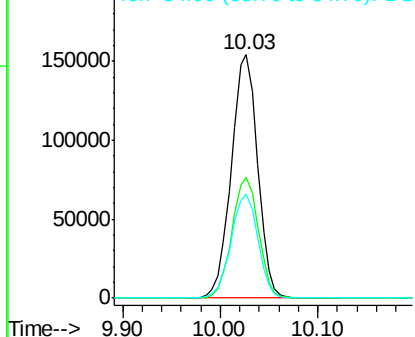


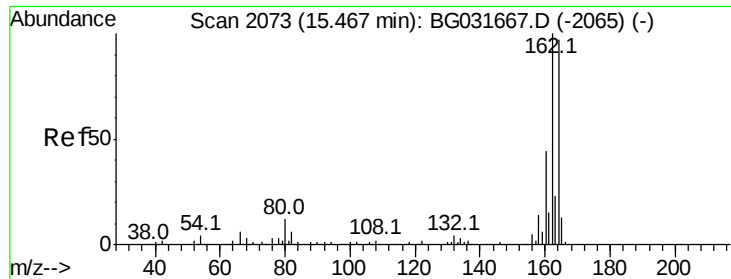
#23
Nitrobenzene-d5
Concen: 98.506 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031709.D
Acq: 22 Dec 2017 13:46

Tgt Ion: 82	Resp:	288665
Ion	Ratio	Lower Upper
82	100	
128	49.6	29.7 44.5#
54	43.0	43.1 64.7#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.46 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BG031709.D

Acq: 22 Dec 2017 13:46

Instrument :

BNA_G

ClientSampleId :

121517-DBRI-E-U-B

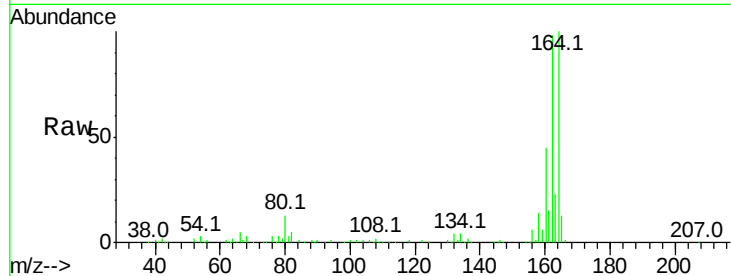
Tot Ion:164 Resp: 156047

Ion Ratio Lower Upper

164 100

162 97.9 78.8 118.2

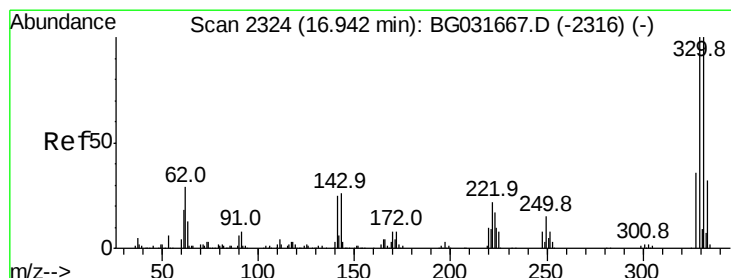
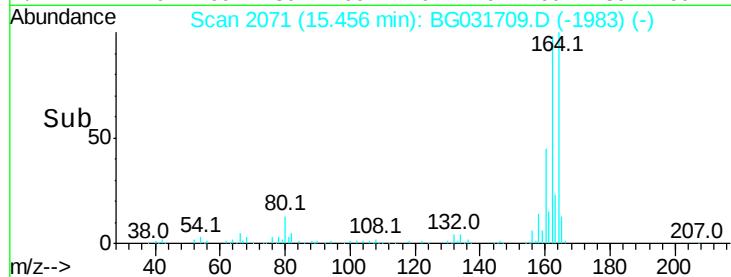
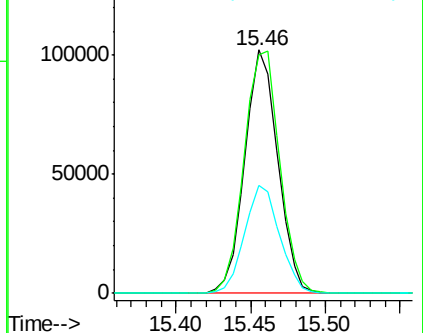
160 44.6 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 105.755 ng

RT: 16.93 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BG031709.D

Acq: 22 Dec 2017 13:46

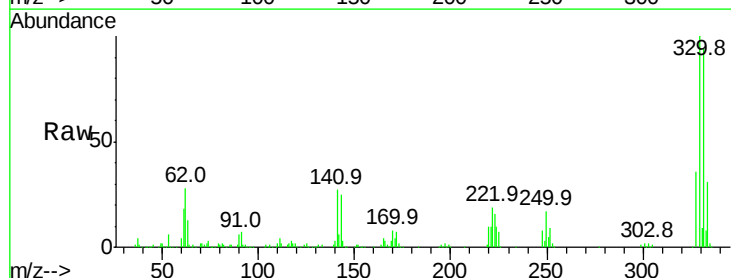
Tgt Ion:330 Resp: 251809

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

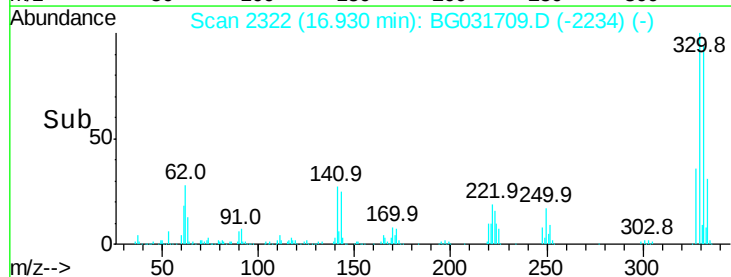
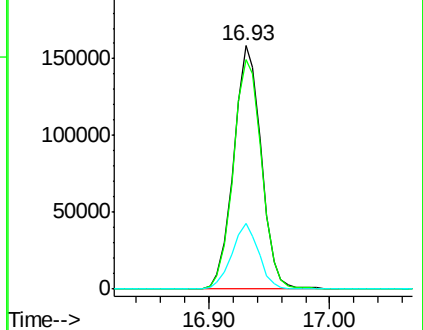
141 26.4 25.2 37.8



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

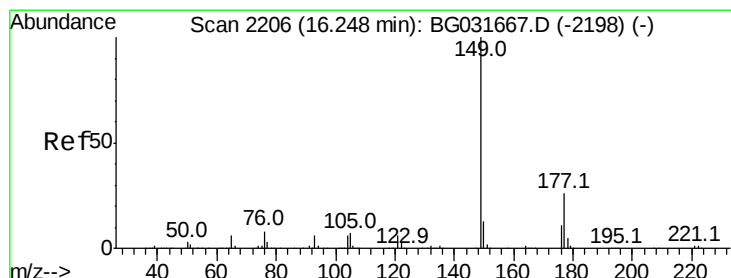
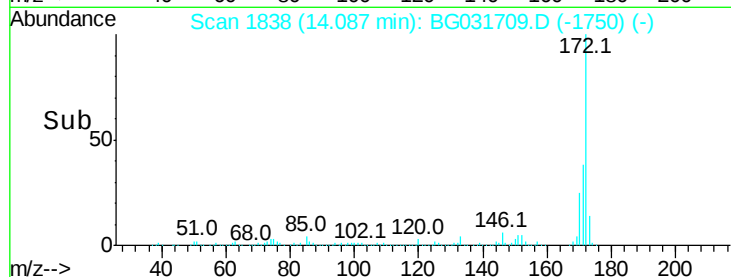
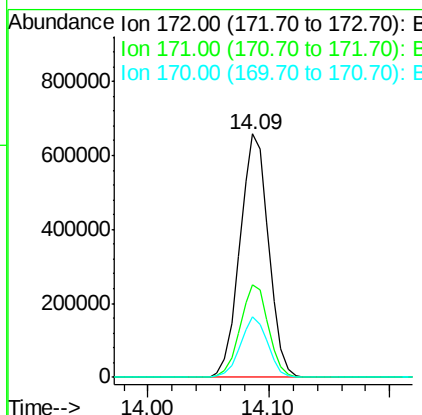
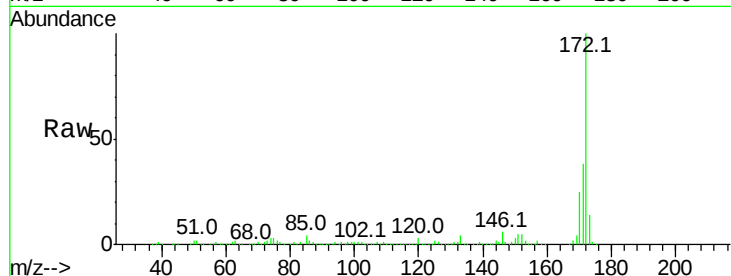




#44
2-Fluorobiphenyl
Concen: 87.258 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031709.D
Acq: 22 Dec 2017 13:46

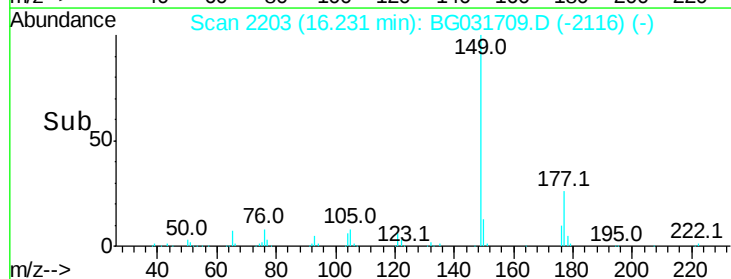
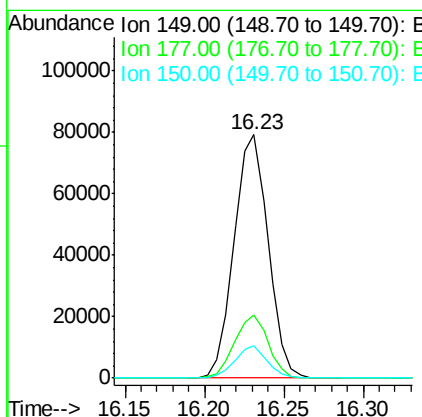
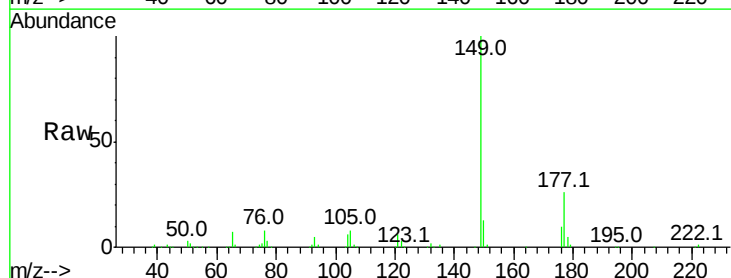
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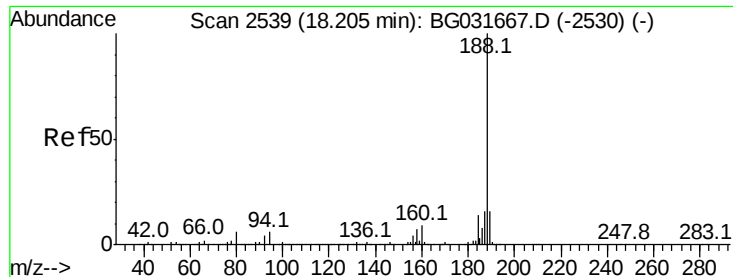
Tot Ion:172 Resp: 1084848
Ion Ratio Lower Upper
172 100
171 38.3 30.0 45.0
170 24.8 19.5 29.3



#59
Diethylphthalate
Concen: 8.795 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BG031709.D
Acq: 22 Dec 2017 13:46

Tgt Ion:149 Resp: 117847
Ion Ratio Lower Upper
149 100
177 25.9 18.5 27.7
150 13.1 10.2 15.2

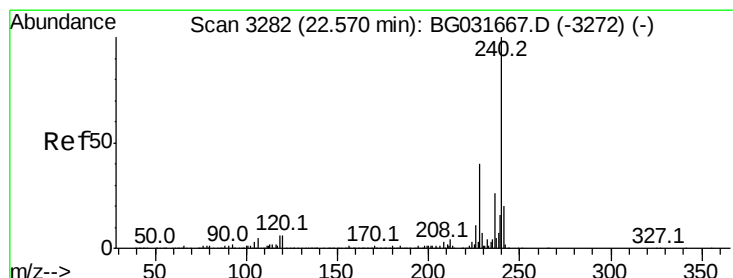
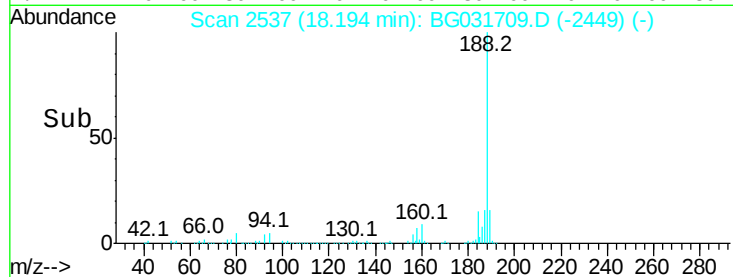
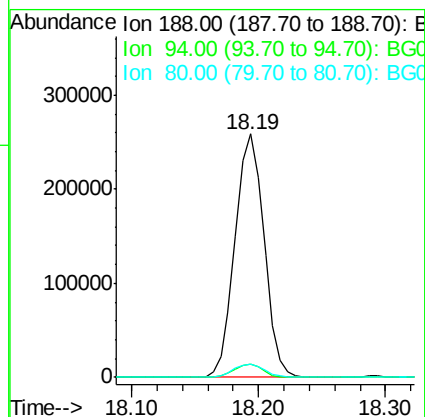
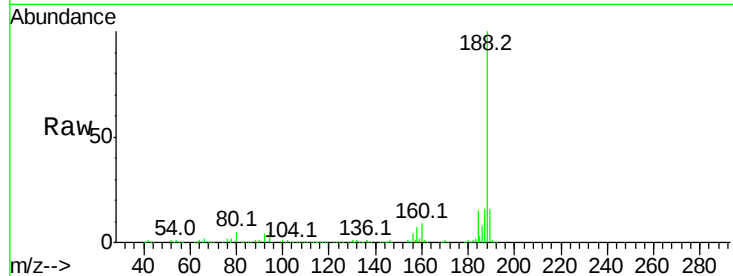




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031709.D
Acq: 22 Dec 2017 13:46

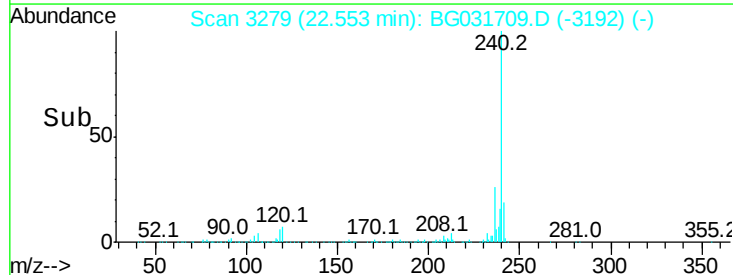
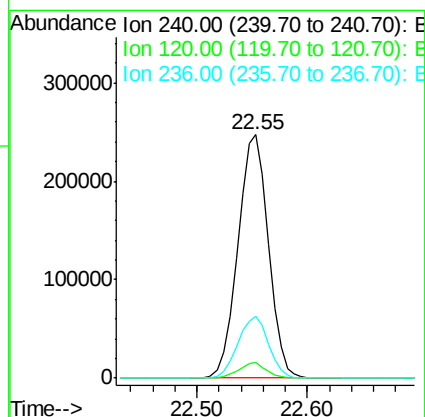
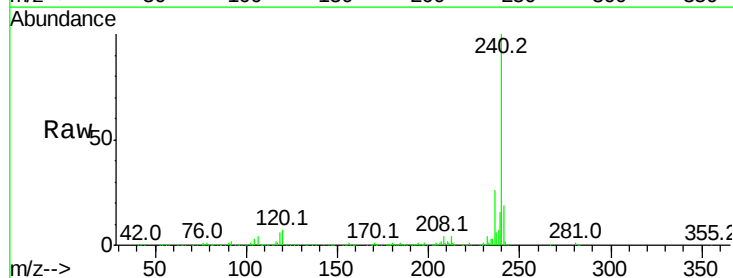
Instrument :
BNA_G
ClientSampleId :
121517-DBRI-E-U-B

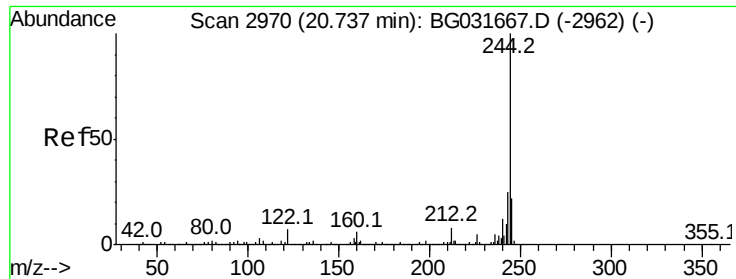
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	5.5	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BG031709.D
Acq: 22 Dec 2017 13:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.8	10.2#
236	25.7	20.9	31.3





#78

Terphenyl-d14

Concen: 89.341 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031709.D

Acq: 22 Dec 2017 13:46

Instrument :

BNA_G

ClientSampleId :

121517-DBRI-E-U-B

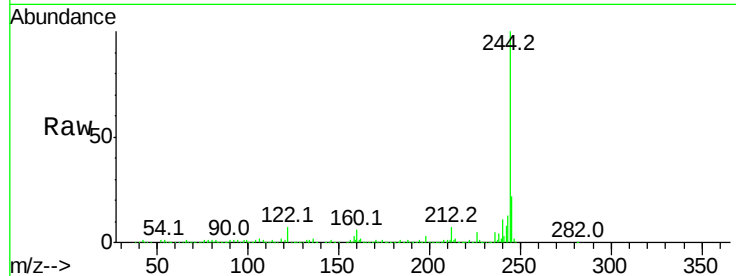
Tot Ion:244 Resp: 1877573

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

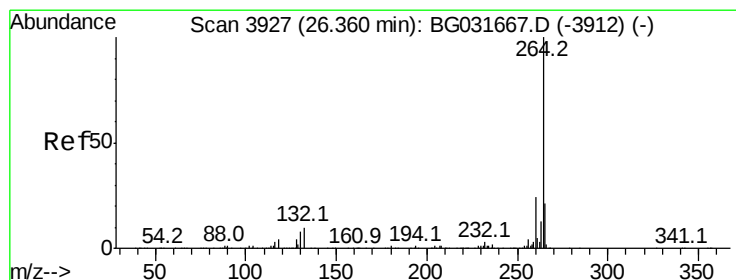
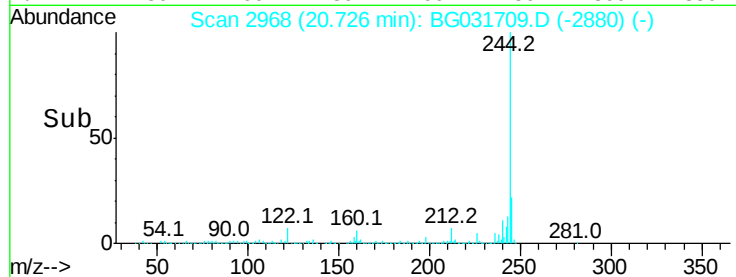
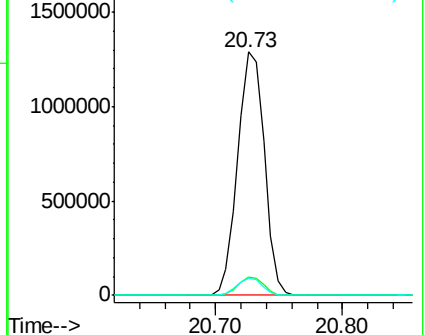
122 7.1 7.0 10.4



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: 26.33 min Scan# 3922

Delta R.T. -0.03 min

Lab File: BG031709.D

Acq: 22 Dec 2017 13:46

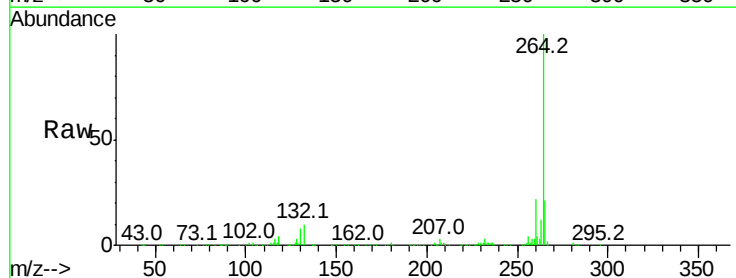
Tgt Ion:264 Resp: 514867

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 21.3 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

