

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030949.D
 Acq On : 11 Nov 2017 18:23
 Operator : SJ/JU
 Sample : I6339-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 13 03:22:07 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

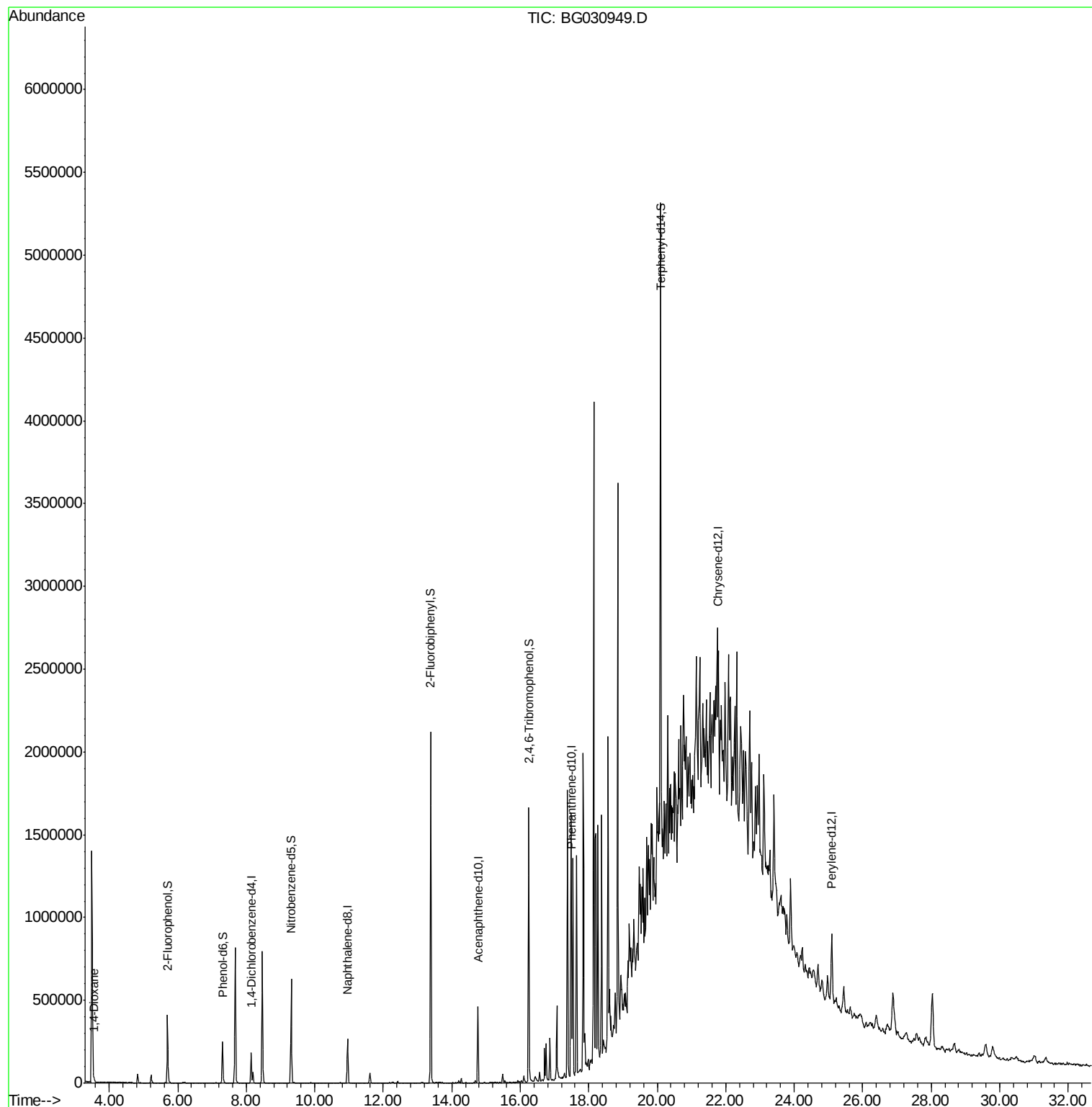
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	53598	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	250537	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	169045	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	383569	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	444111	20.00	ng	0.00
86) Perylene-d12	25.10	264	465479	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	198371	63.46	ng	0.00
7) Phenol-d6	7.31	99	162955	38.70	ng	0.00
23) Nitrobenzene-d5	9.31	82	382159	90.39	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	378890	138.55	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1183215	100.57	ng	-0.01
78) Terphenyl-d14	20.10	244	1835492	91.26	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.55	88	3876	3.056	ng	Qvalue # 94

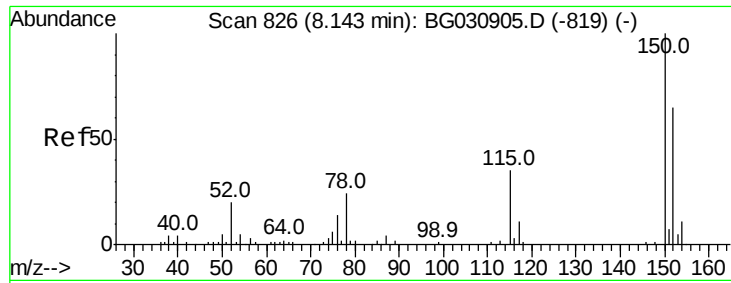
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



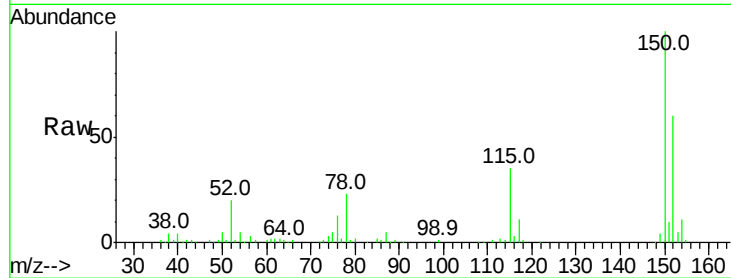


#1

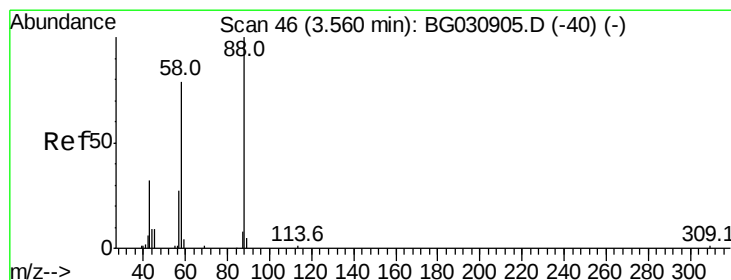
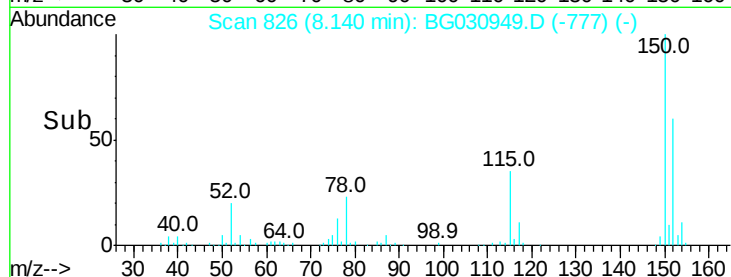
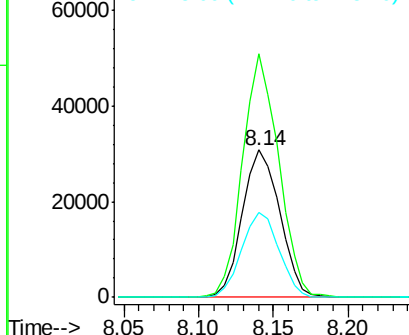
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030949.D
Acq: 11 Nov 2017 18:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53598
Ion Ratio Lower Upper
152 100
150 165.5 126.6 189.8
115 57.4 53.0 79.4



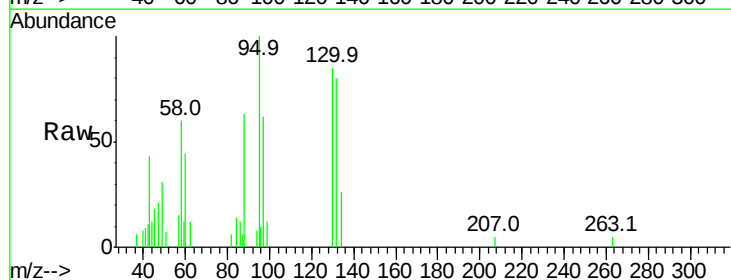
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



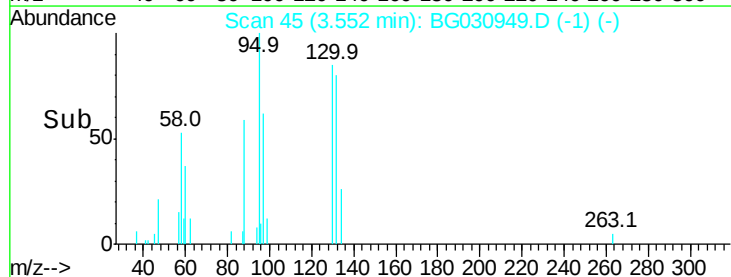
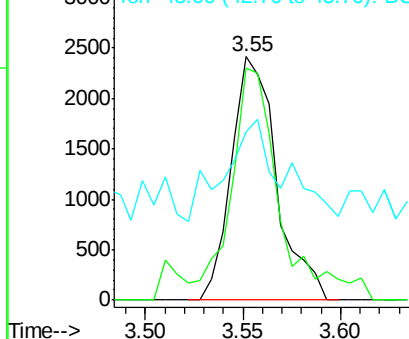
#2

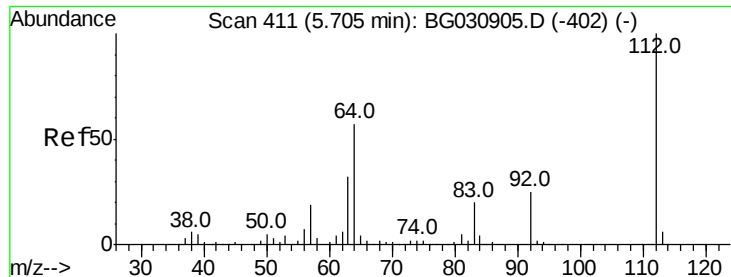
1,4-Dioxane
Concen: 3.056 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.02 min
Lab File: BG030949.D
Acq: 11 Nov 2017 18:23

Tgt Ion: 88 Resp: 3876
Ion Ratio Lower Upper
88 100
58 102.5 79.6 119.4
43 41.7 27.4 41.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 63.465 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.01 min

Lab File: BG030949.D

Acq: 11 Nov 2017 18:23

Instrument :

BNA_G

ClientSampled :

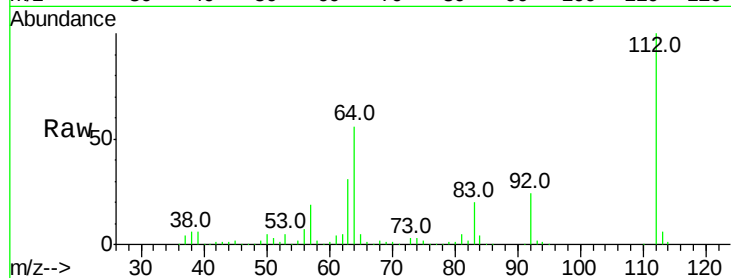
Tot Ion:112 Resp: 198371

Ion Ratio Lower Upper

112 100

64 56.1 56.3 84.5#

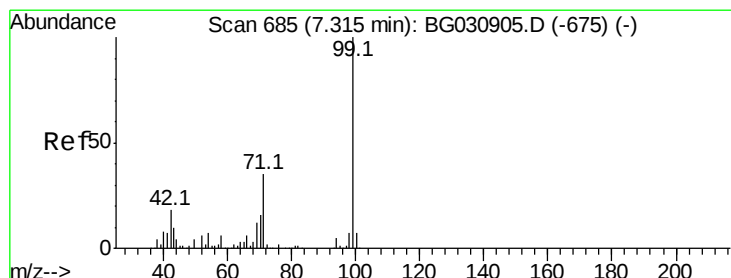
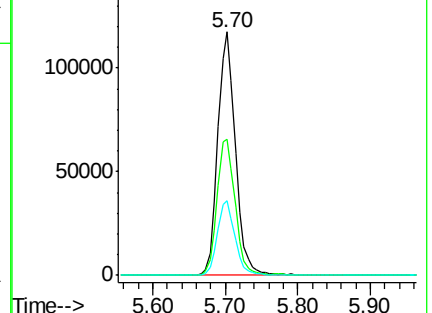
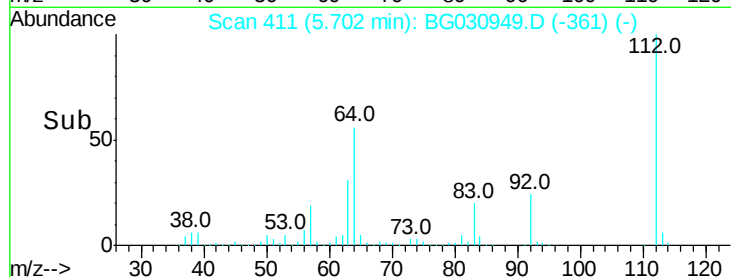
63 30.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 38.698 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030949.D

Acq: 11 Nov 2017 18:23

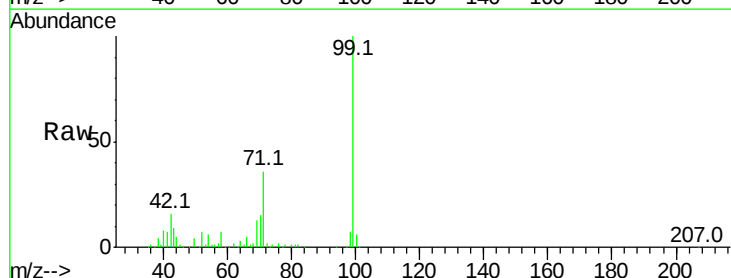
Tgt Ion: 99 Resp: 162955

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

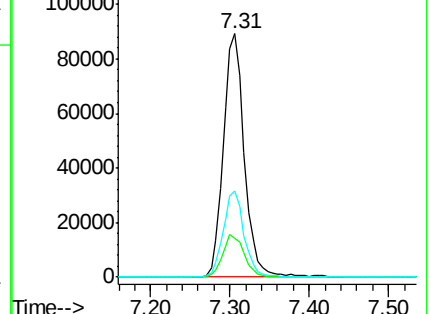
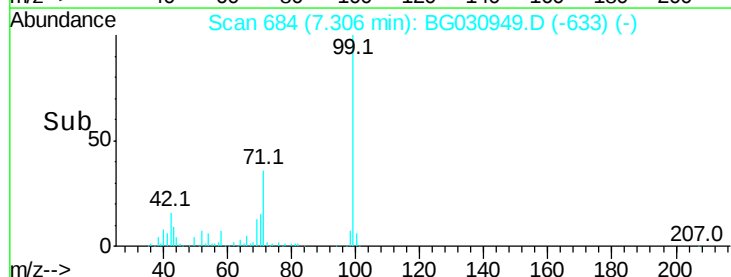
71 35.6 26.1 39.1

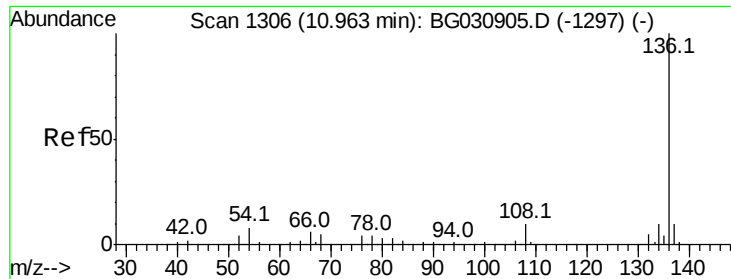


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

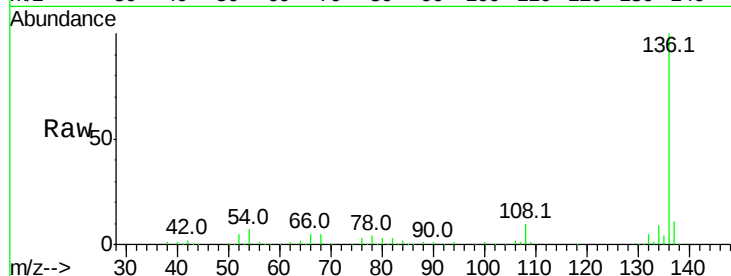




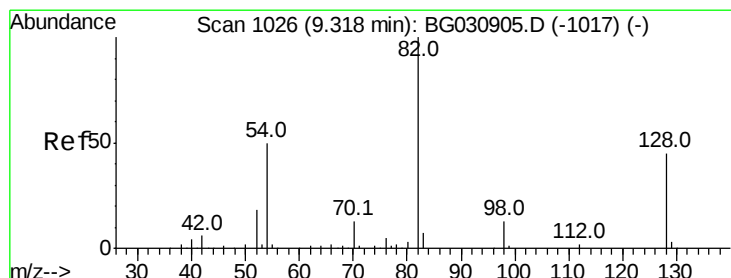
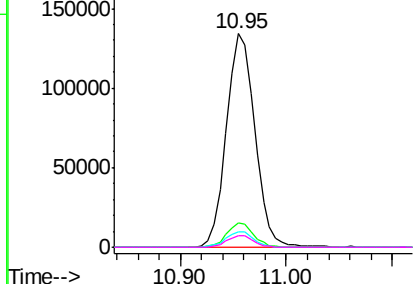
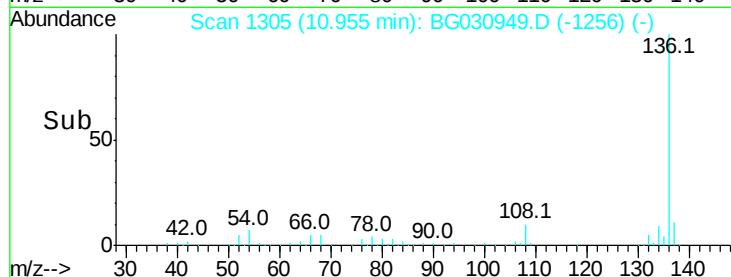
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG030949.D
Acq: 11 Nov 2017 18:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	250537
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	7.4	10.3	15.5
68	5.1	4.5	6.7

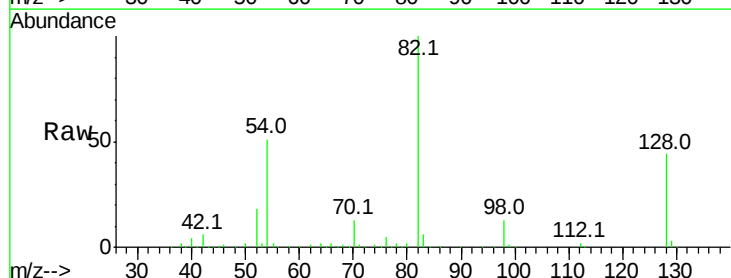


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

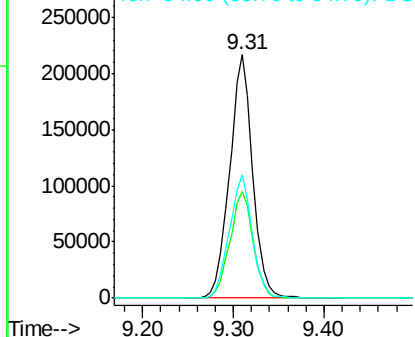
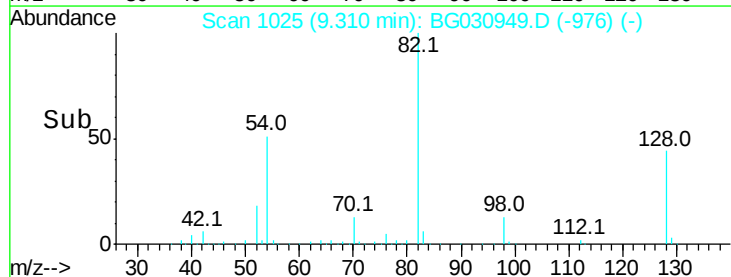


#23
Nitrobenzene-d5
Concen: 90.387 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030949.D
Acq: 11 Nov 2017 18:23

Tgt Ion:	82	Resp:	382159
Ion	Ratio	Lower	Upper
82	100		
128	43.7	29.7	44.5
54	50.8	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG030949.D

Acq: 11 Nov 2017 18:23

Instrument :

BNA_G

ClientSampleId :

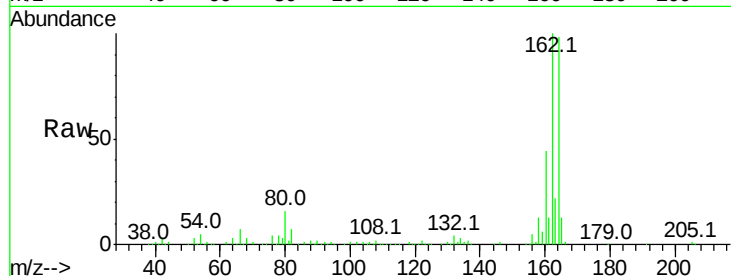
Tot Ion:164 Resp: 169045

Ion Ratio Lower Upper

164 100

162 102.5 78.8 118.2

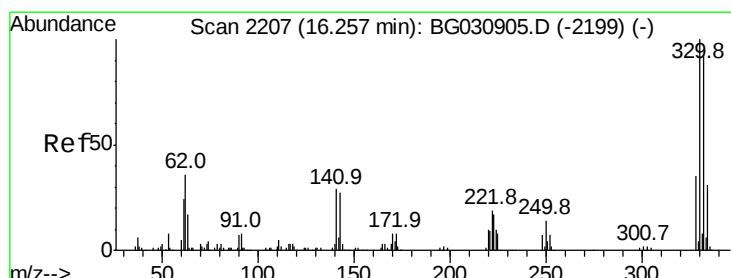
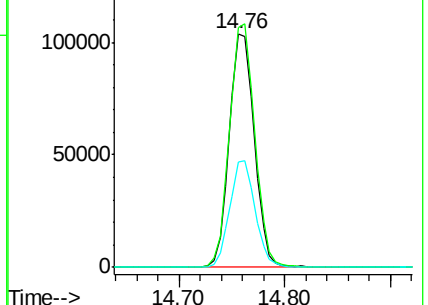
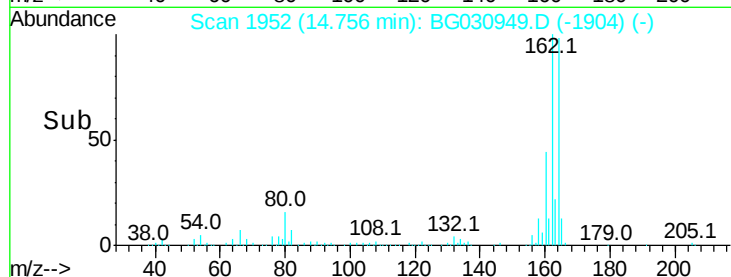
160 45.0 35.4 53.0



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: 138.554 ng

RT: 16.25 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG030949.D

Acq: 11 Nov 2017 18:23

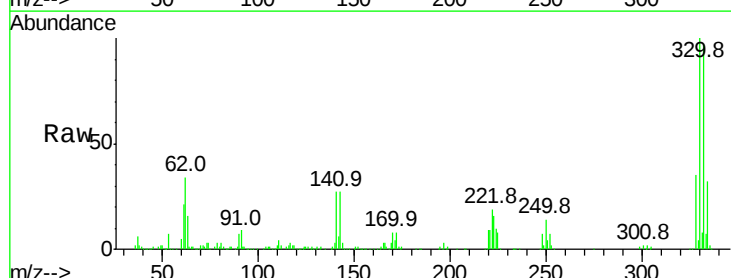
Tgt Ion:330 Resp: 378890

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

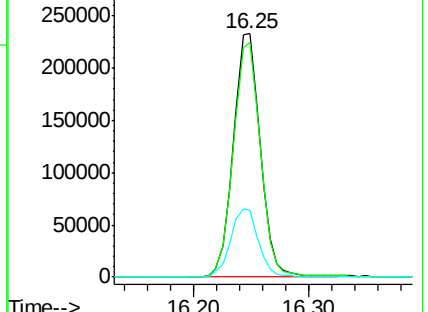
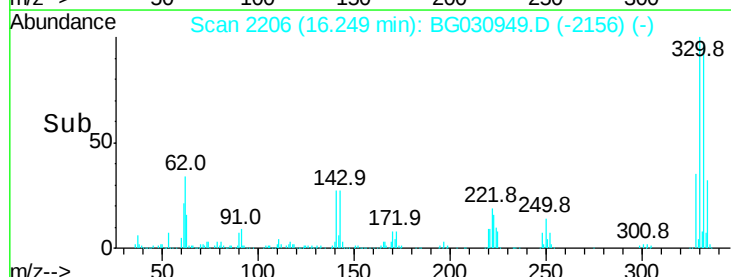
141 28.7 25.2 37.8

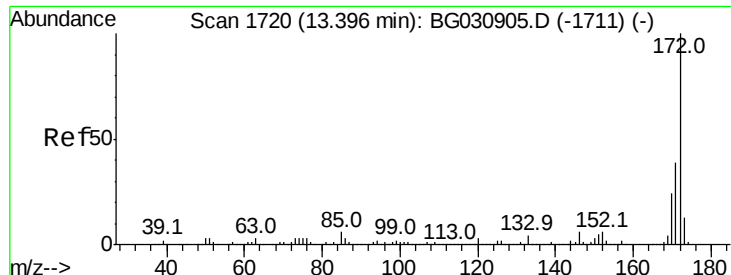


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



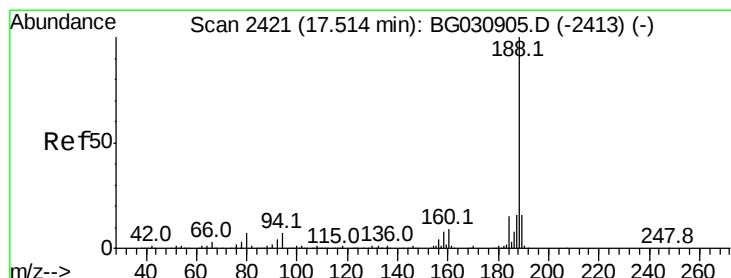
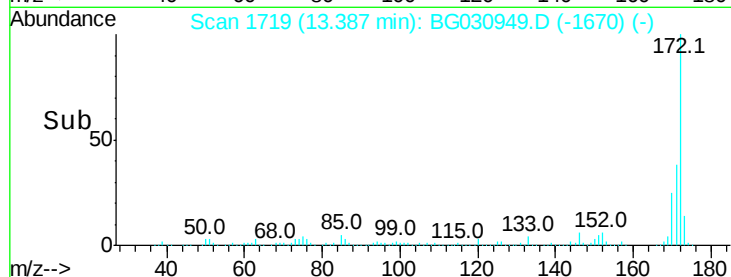
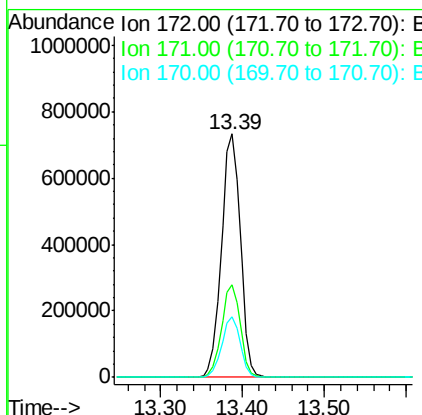
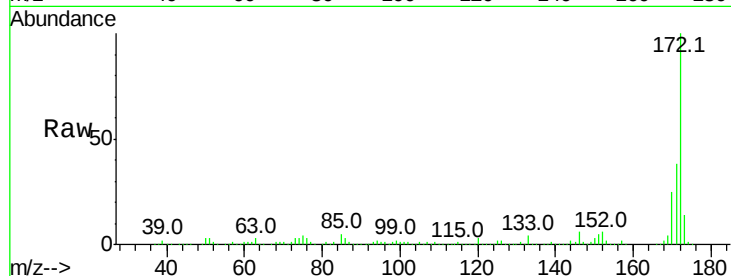


#44
 2-Fluorobiphenyl
 Concen: 100.574 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030949.D
 Acq: 11 Nov 2017 18:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1183215

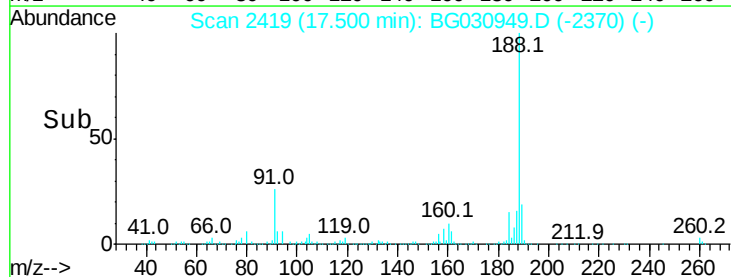
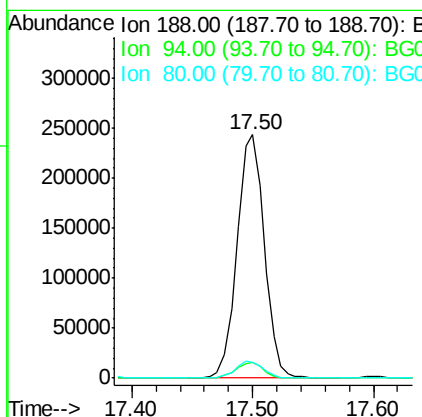
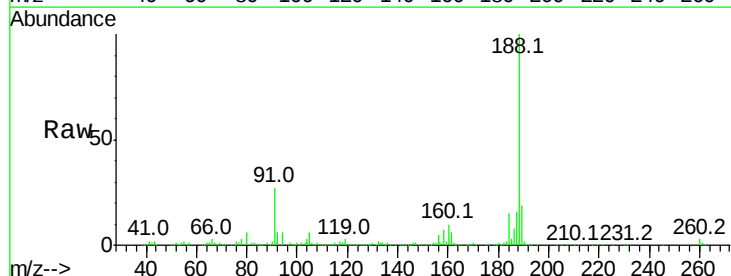
Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.7	19.5	29.3

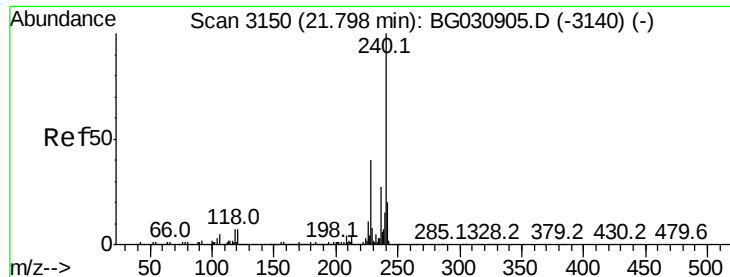


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG030949.D
 Acq: 11 Nov 2017 18:23

Tgt Ion:188 Resp: 383569

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	6.3	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG030949.D

Acq: 11 Nov 2017 18:23

Instrument :

BNA_G

ClientSampleId :

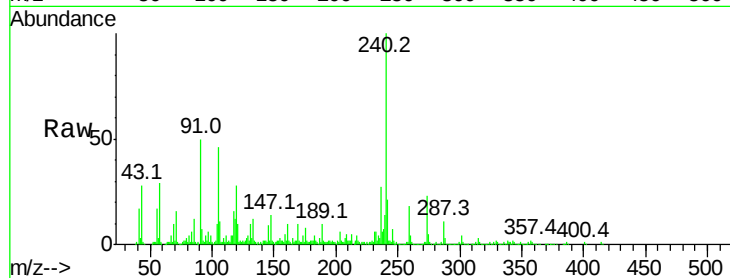
Tot Ion:240 Resp: 444111

Ion Ratio Lower Upper

240 100

120 9.8 6.8 10.2

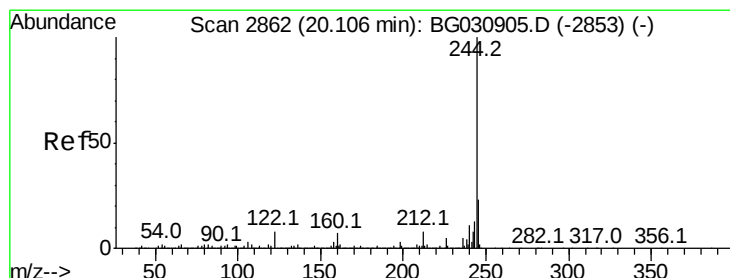
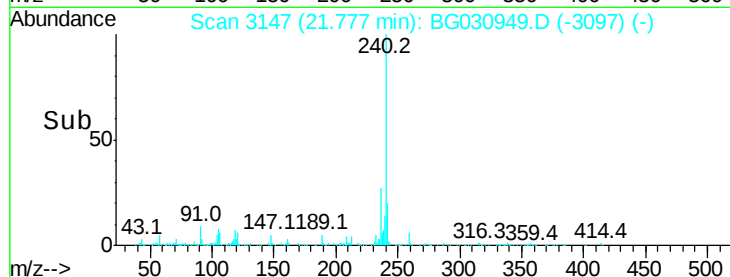
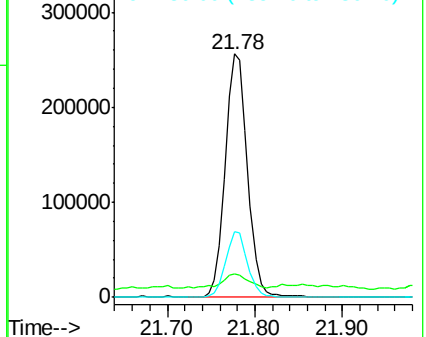
236 26.9 20.9 31.3



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: 91.259 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG030949.D

Acq: 11 Nov 2017 18:23

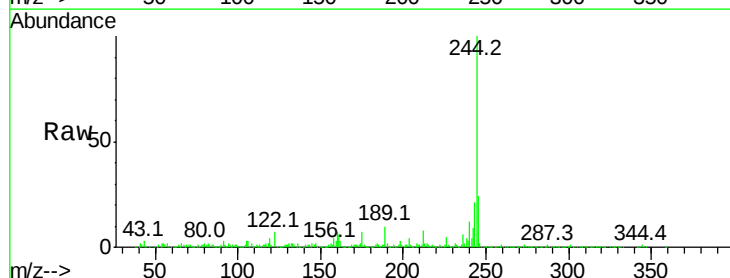
Tgt Ion:244 Resp: 1835492

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

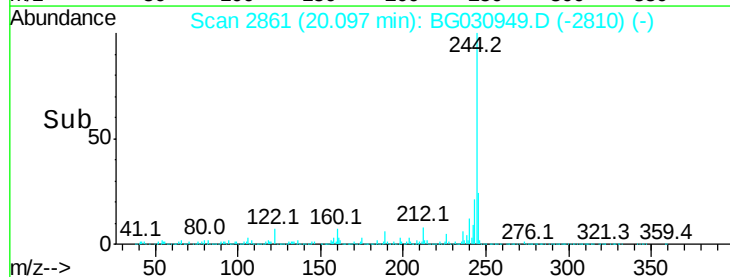
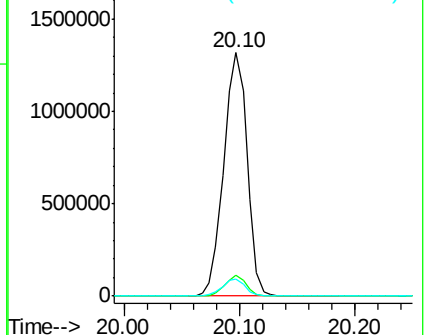
122 7.0 7.0 10.4



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

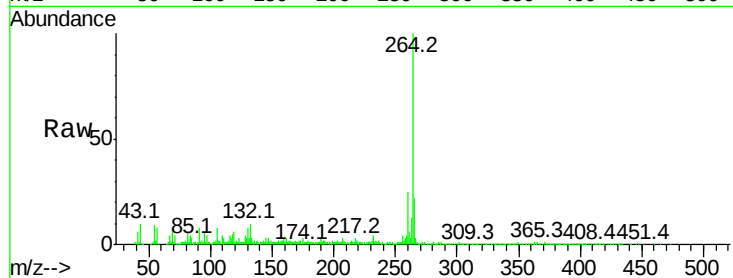




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. 0.01 min
Lab File: BG030949.D
Acq: 11 Nov 2017 18:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	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

