

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031545.D
 Acq On : 14 Dec 2017 2:00
 Operator : SJ/JU
 Sample : PB104979BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 14 03:42:48 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	36576	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	151631	20.00	ng	0.01
38) Acenaphthene-d10	14.73	164	103025	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	350948	20.00	ng	0.00
75) Chrysene-d12	21.74	240	478564	20.00	ng	0.00
86) Perylene-d12	25.03	264	459163	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	200149	96.99	ng	0.00
7) Phenol-d6	7.28	99	254698	88.91	ng	0.00
23) Nitrobenzene-d5	9.27	82	201800	82.03	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	103518	85.77	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	636703	90.72	ng	0.00
78) Terphenyl-d14	20.06	244	1735454	82.51	ng	0.00

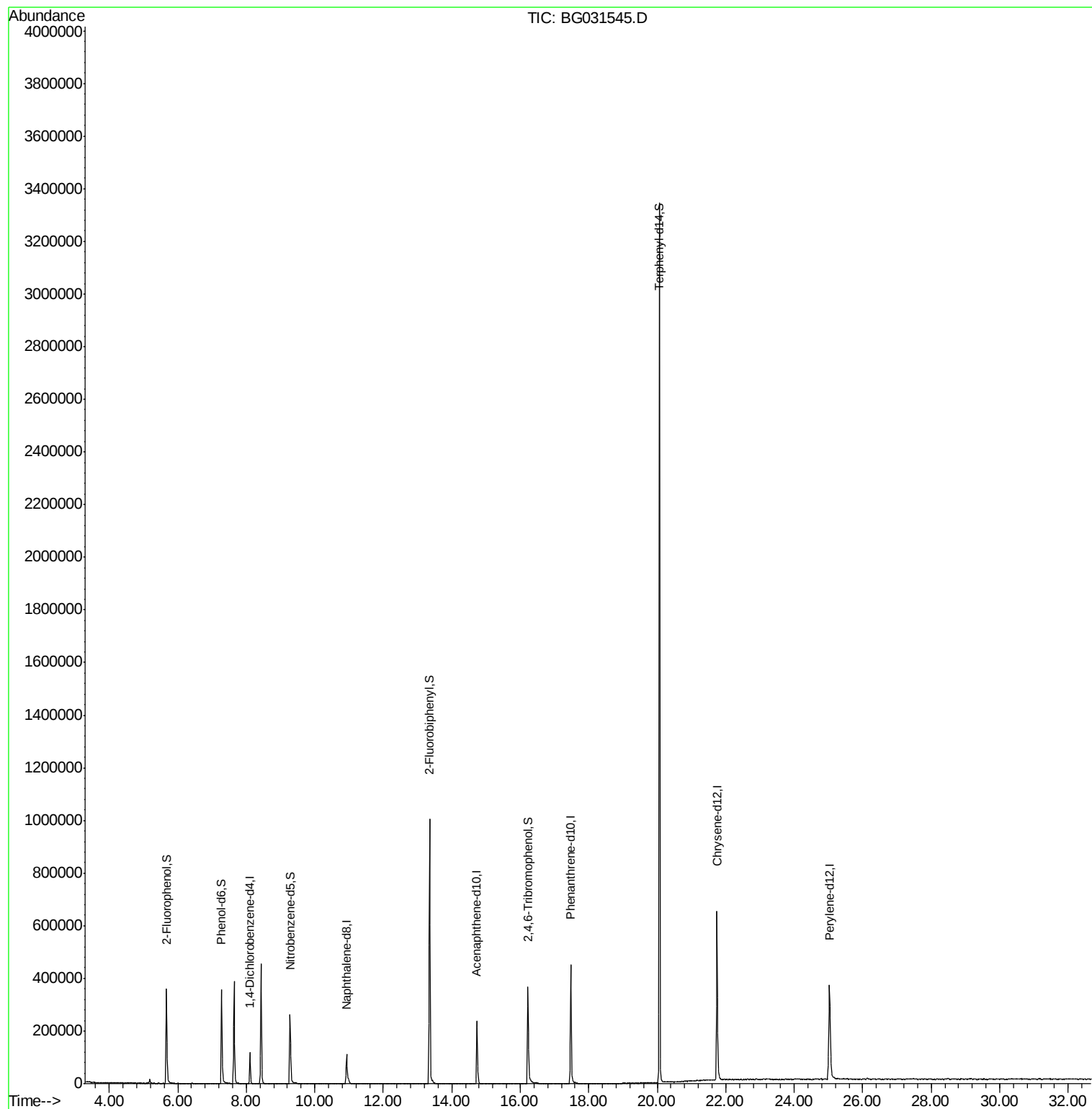
Target Compounds Qvalue

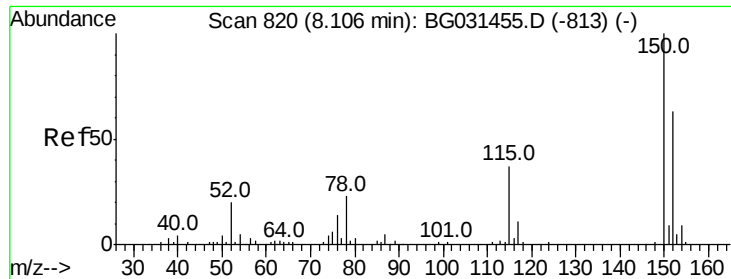
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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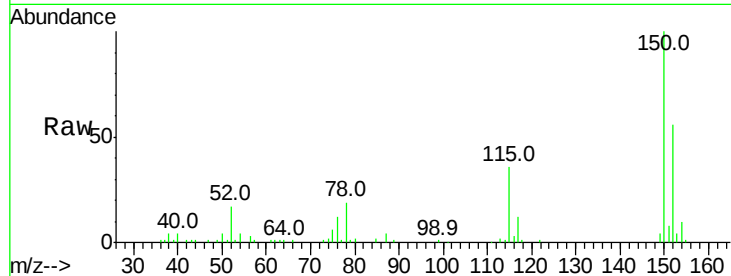


#1

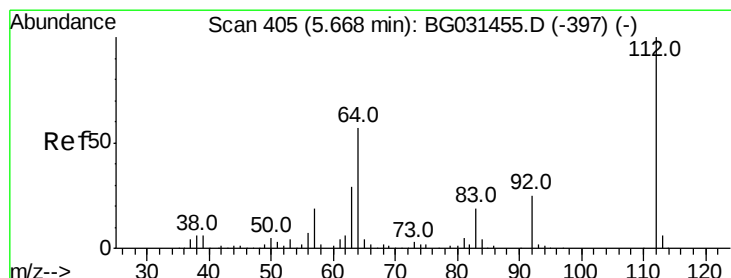
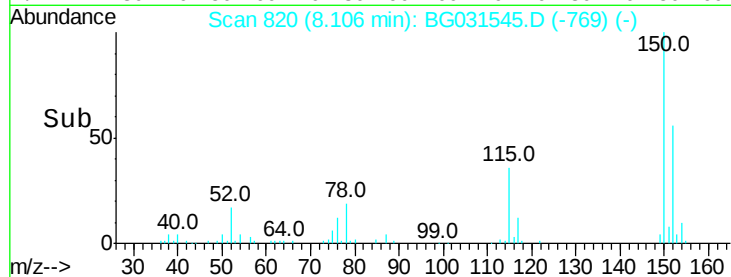
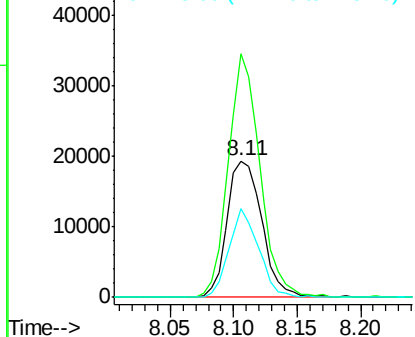
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031545.D
Acq: 14 Dec 2017 2:00

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 36576
Ion Ratio Lower Upper
152 100
150 178.5 126.6 189.8
115 64.6 53.0 79.4



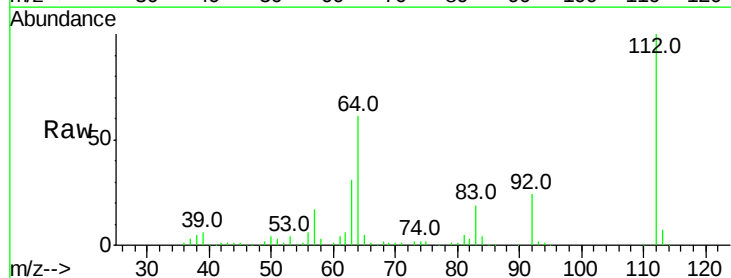
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



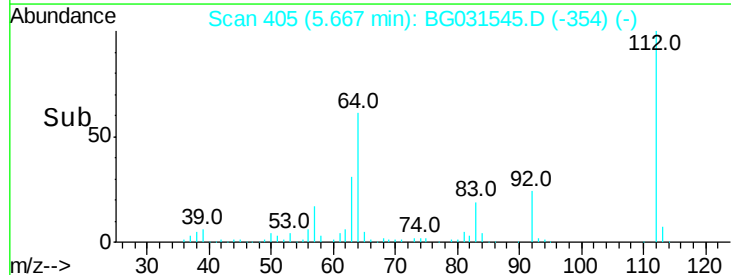
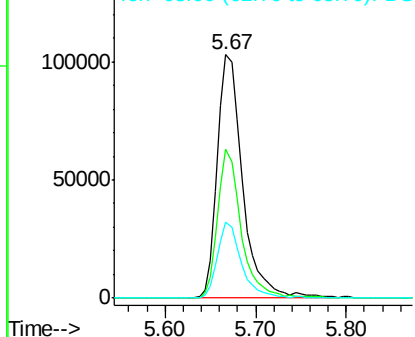
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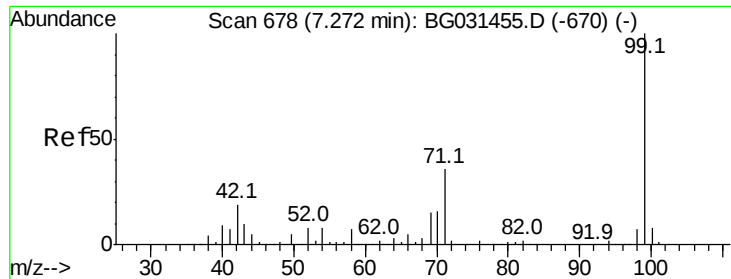
2-Fluorophenol
Concen: 96.995 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031545.D
Acq: 14 Dec 2017 2:00

Tgt Ion:112 Resp: 200149
Ion Ratio Lower Upper
112 100
64 61.3 56.3 84.5
63 31.3 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: 88.911 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031545.D

Acq: 14 Dec 2017 2:00

Instrument :

BNA_G

ClientSampleId :

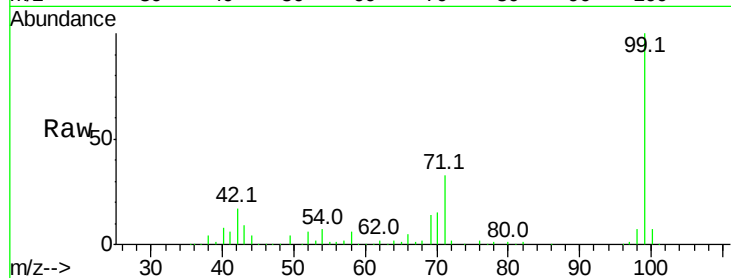
Tot Ion: 99 Resp: 254698

Ion Ratio Lower Upper

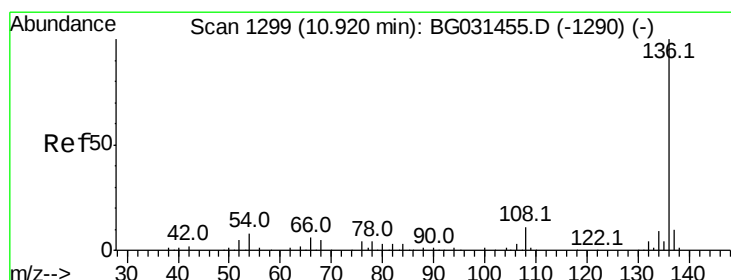
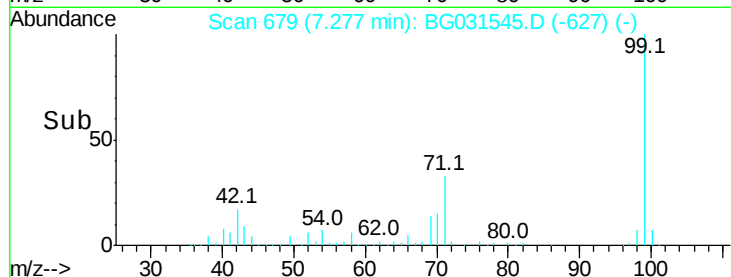
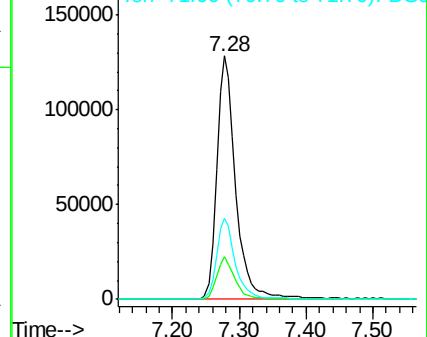
99 100

42 17.3 14.1 21.1

71 33.2 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: 10.93 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BG031545.D

Acq: 14 Dec 2017 2:00

Tgt Ion: 136 Resp: 151631

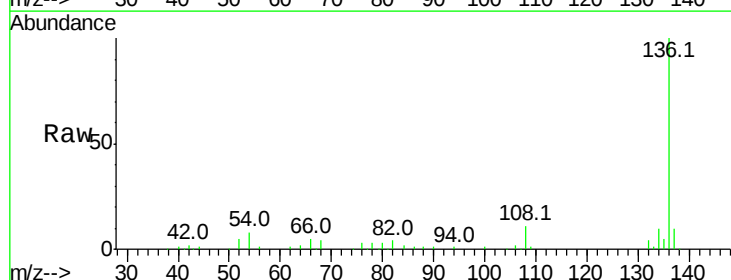
Ion Ratio Lower Upper

136 100

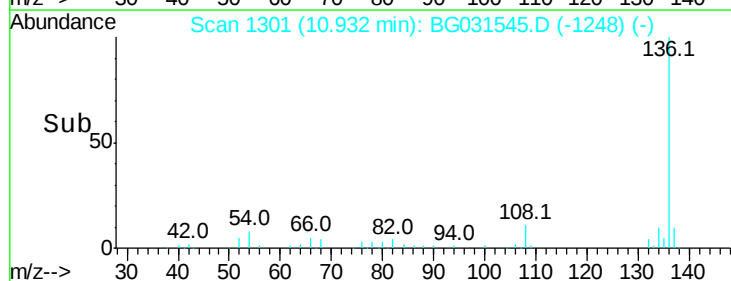
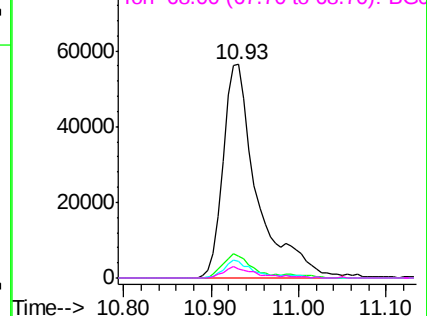
137 10.2 9.2 13.8

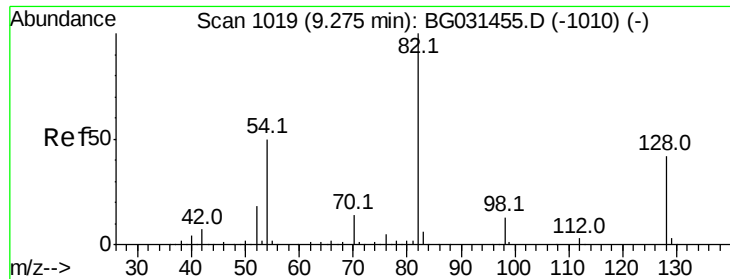
54 8.0 10.3 15.5#

68 4.1 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

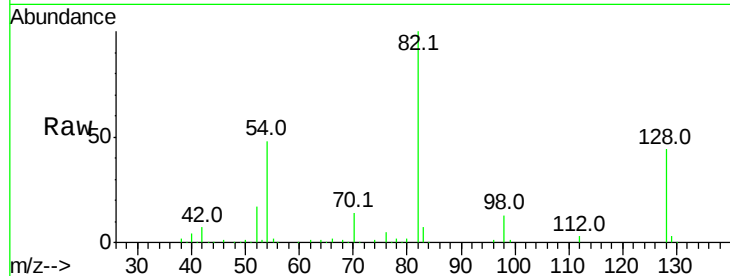




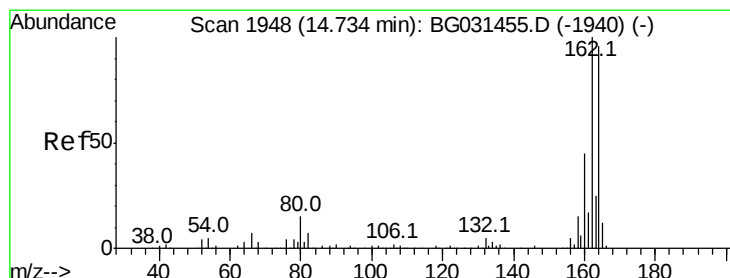
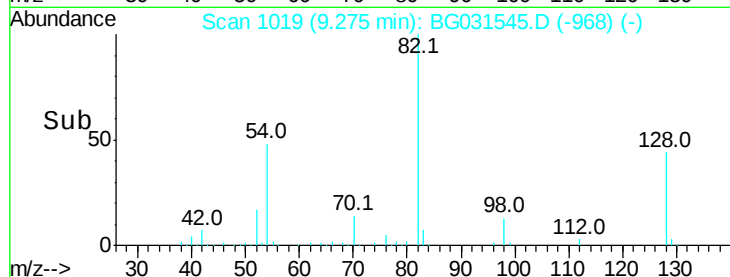
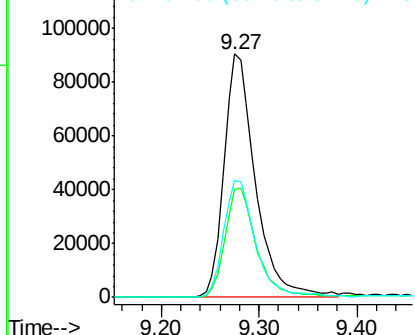
#23
Nitrobenzene-d5
Concen: 82.030 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG031545.D
Acq: 14 Dec 2017 2:00

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 201800
Ion Ratio Lower Upper
82 100
128 44.3 29.7 44.5
54 47.8 43.1 64.7

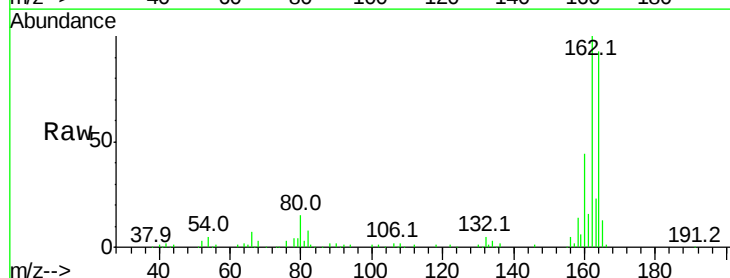


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

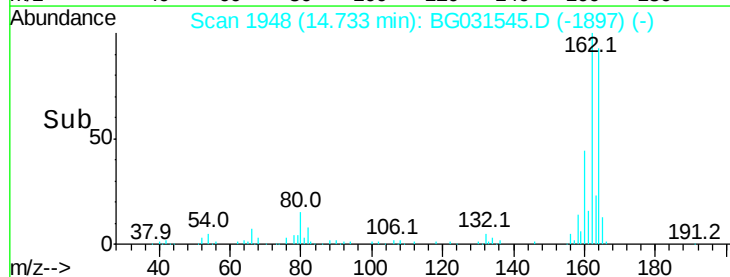
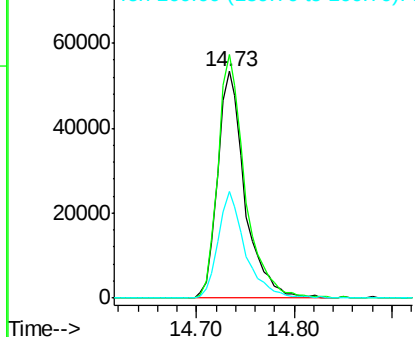


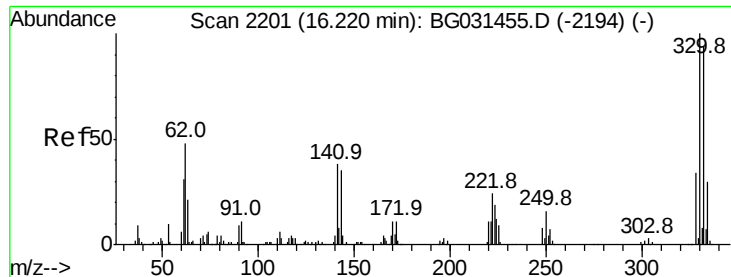
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG031545.D
Acq: 14 Dec 2017 2:00

Tgt Ion:164 Resp: 103025
Ion Ratio Lower Upper
164 100
162 107.5 78.8 118.2
160 47.1 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

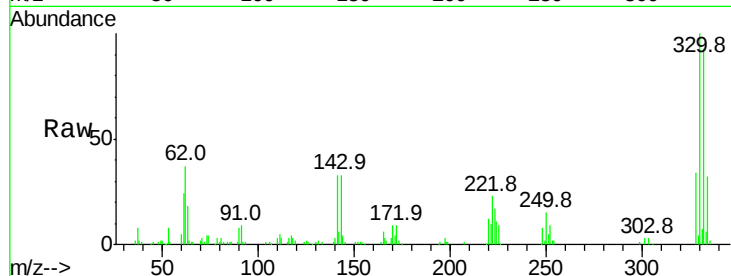




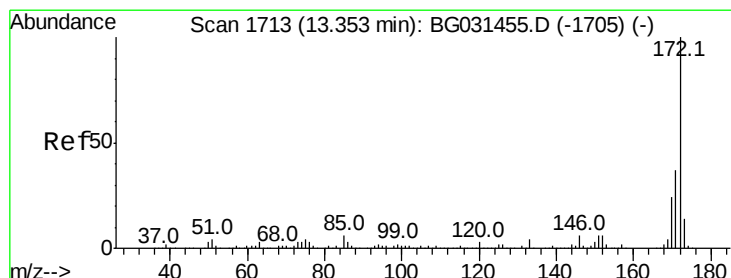
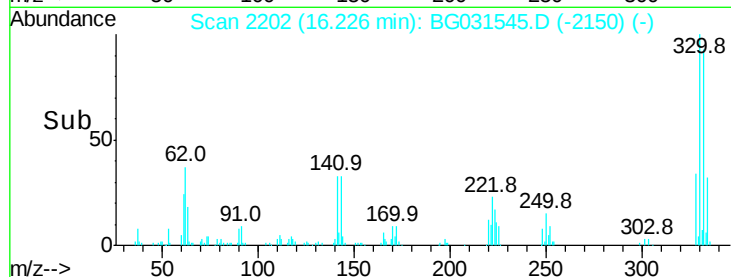
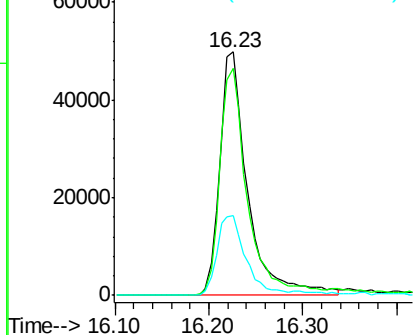
#41
 2,4,6-Tribromophenol
 Concen: 85.766 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: BG031545.D
 Acq: 14 Dec 2017 2:00

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	91.9	77.0	115.6
141	33.1	25.2	37.8

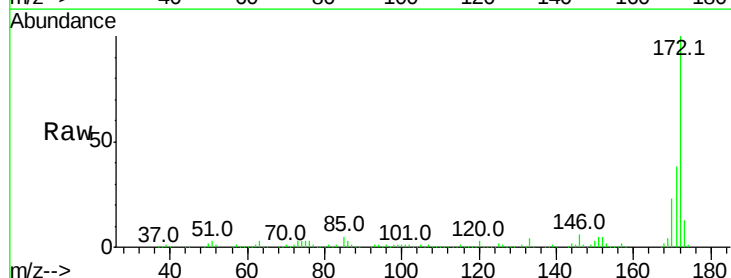


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

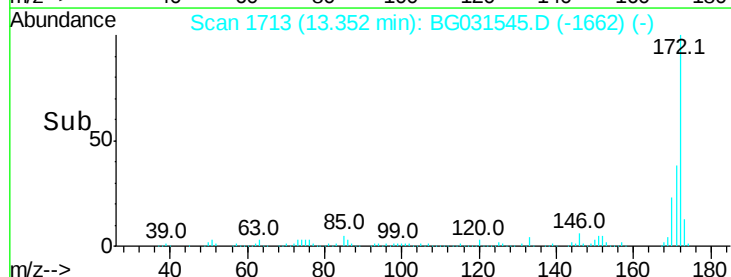
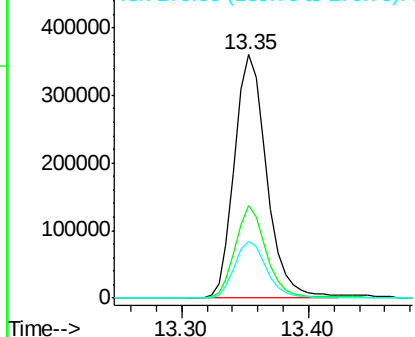


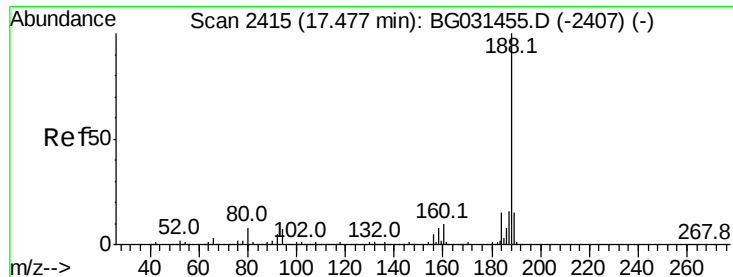
#44
 2-Fluorobiphenyl
 Concen: 90.716 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031545.D
 Acq: 14 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	23.2	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

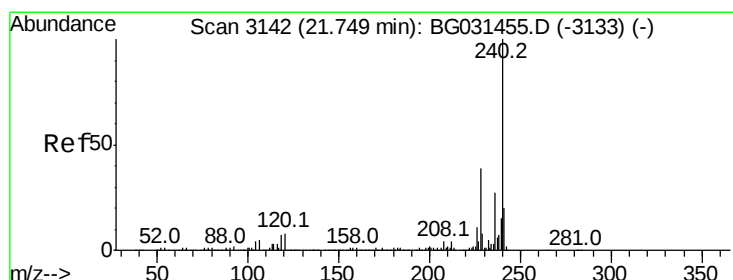
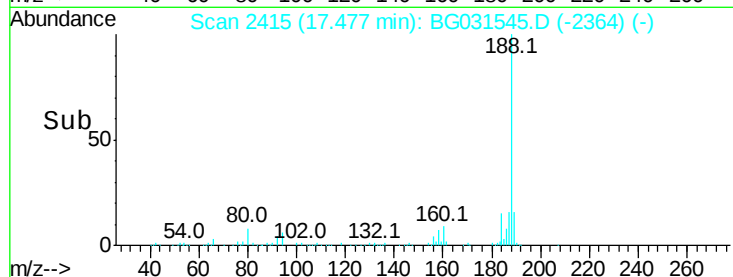
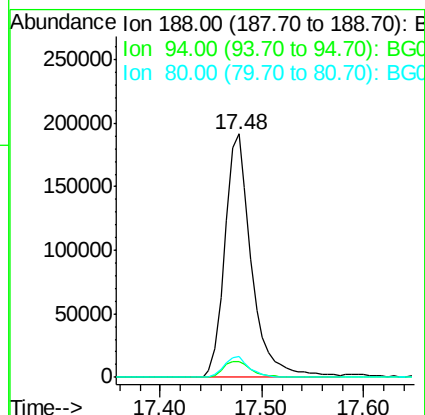
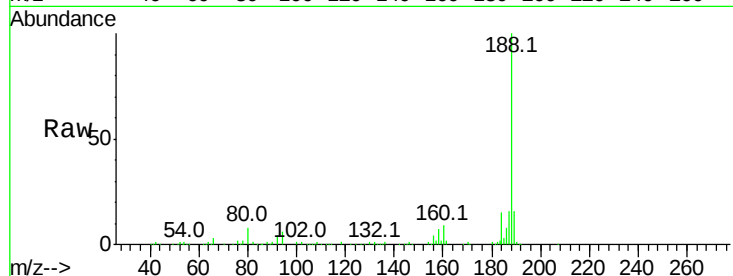




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BG031545.D
Acq: 14 Dec 2017 2:00

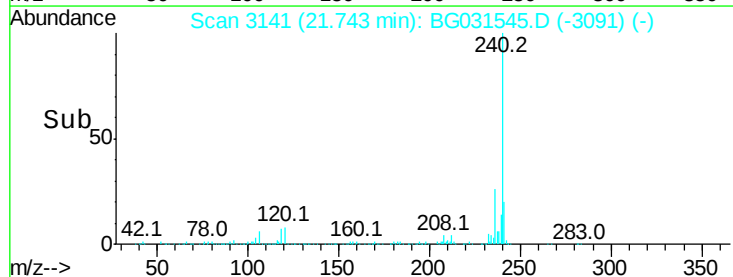
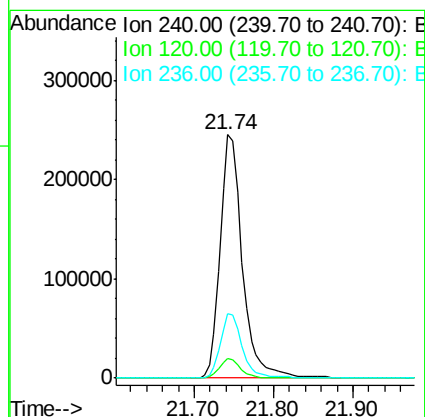
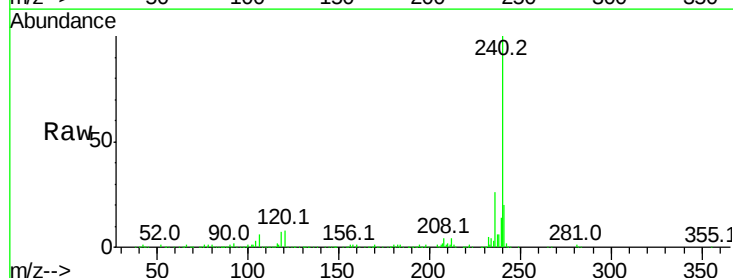
Instrument :
BNA_G
ClientSampleId :

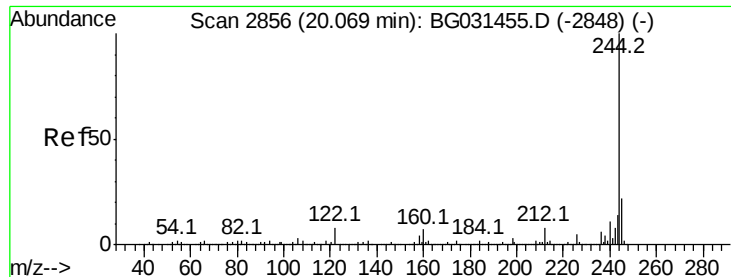
Tot Ion:188 Resp: 350948
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 8.4 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031545.D
Acq: 14 Dec 2017 2:00

Tgt Ion:240 Resp: 478564
Ion Ratio Lower Upper
240 100
120 8.2 6.8 10.2
236 26.3 20.9 31.3





#78

Terphenyl-d14

Concen: 82.506 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031545.D

Acq: 14 Dec 2017 2:00

Instrument :

BNA_G

ClientSampleId :

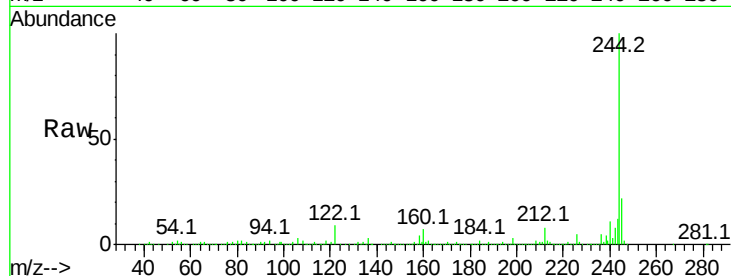
Tot Ion:244 Resp: 1735454

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

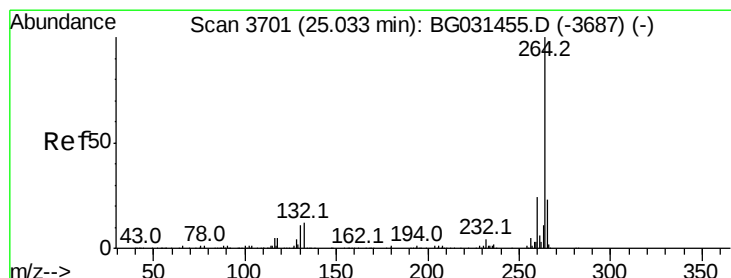
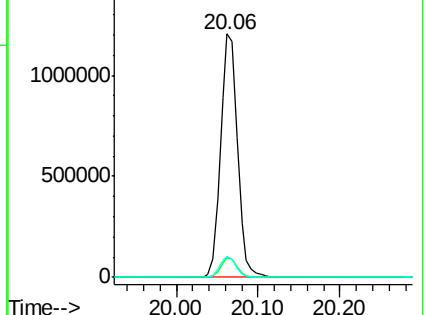
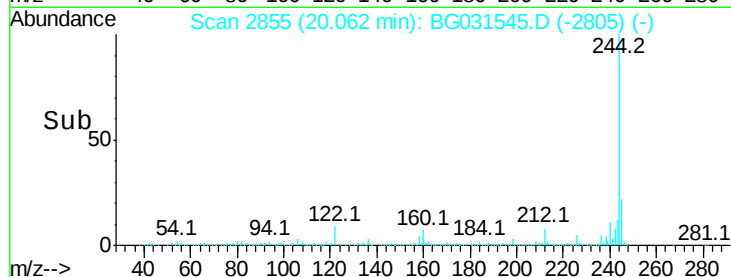
122 8.8 7.0 10.4



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: 25.03 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BG031545.D

Acq: 14 Dec 2017 2:00

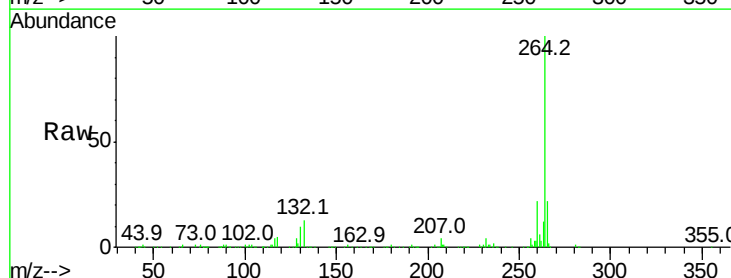
Tgt Ion:264 Resp: 459163

Ion Ratio Lower Upper

264 100

260 22.4 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

