

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
 Data File : BG028647.D
 Acq On : 11 Sep 2017 18:31
 Operator : SJ/JU
 Sample : I5167-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 12 04:41:34 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 07 18:39:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	35960	20.00	ng	0.00
21) Naphthalene-d8	11.16	136	141985	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	100714	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	275136	20.00	ng	0.00
75) Chrysene-d12	22.02	240	324037	20.00	ng	-0.01
86) Perylene-d12	25.53	264	313585	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	145183	67.98	ng	0.00
7) Phenol-d6	7.49	99	116663	37.66	ng	0.00
23) Nitrobenzene-d5	9.50	82	302128	97.71	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	261305	170.70	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	763335	99.15	ng	0.00
78) Terphenyl-d14	20.28	244	1429126	95.02	ng	0.00

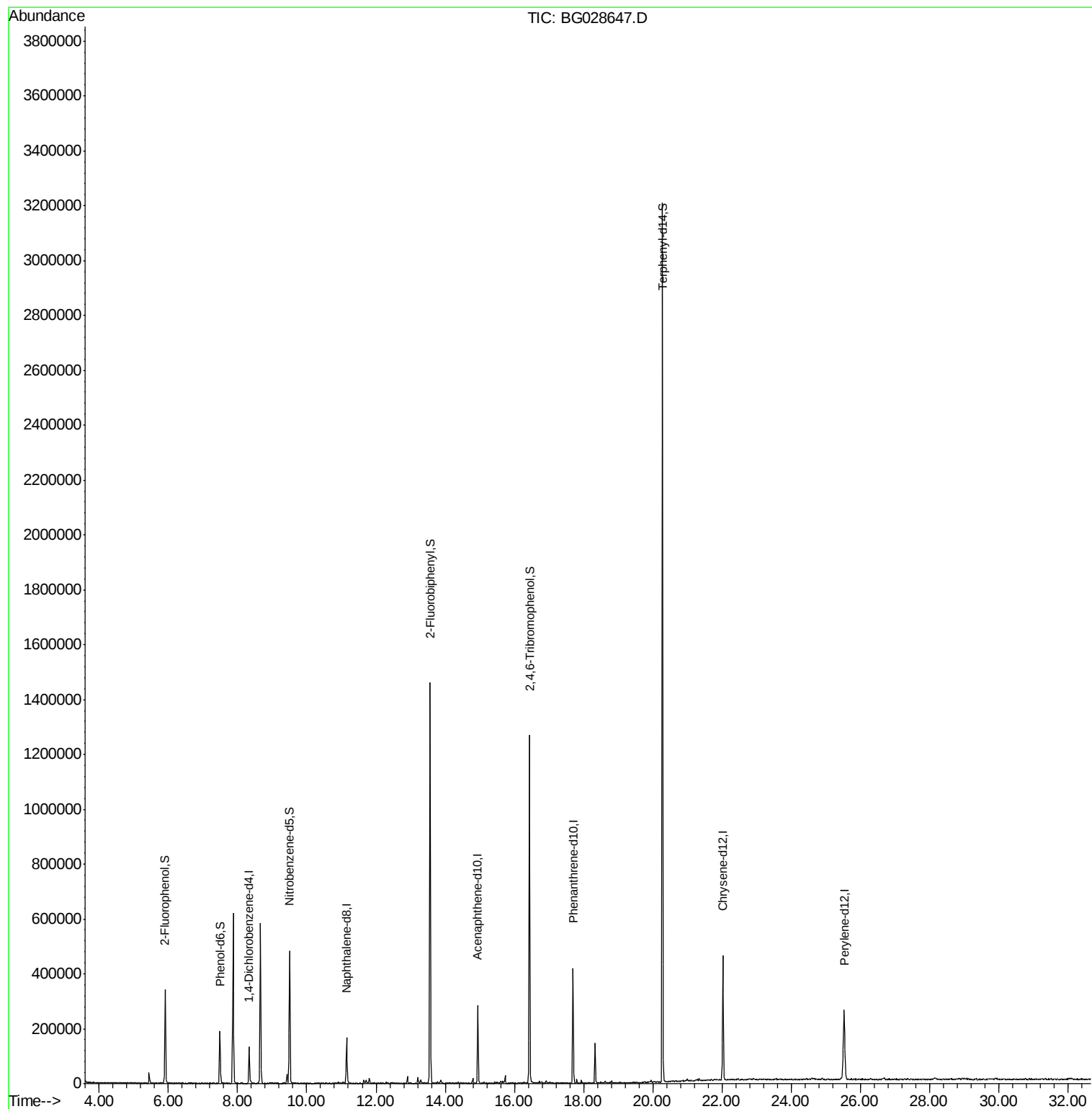
Target Compounds	Qvalue
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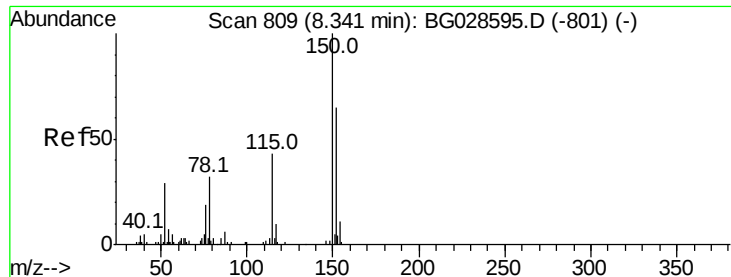
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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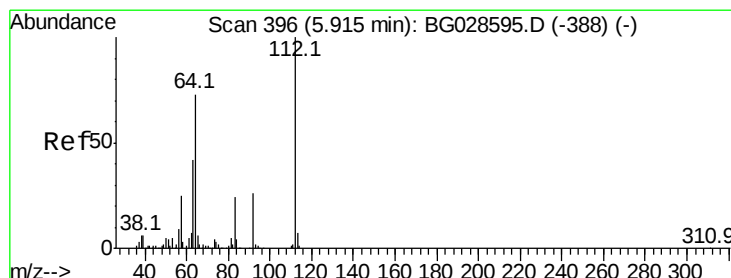
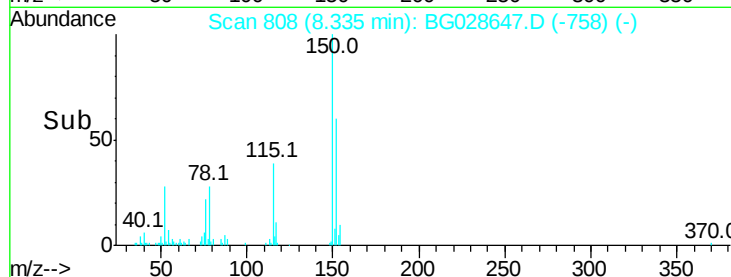
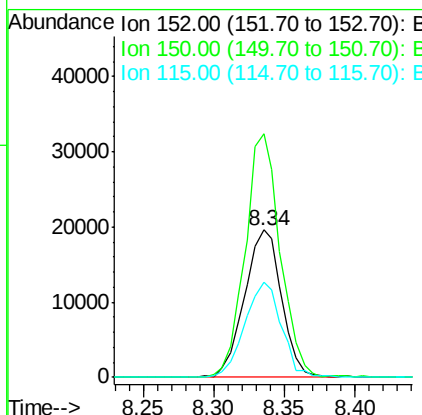
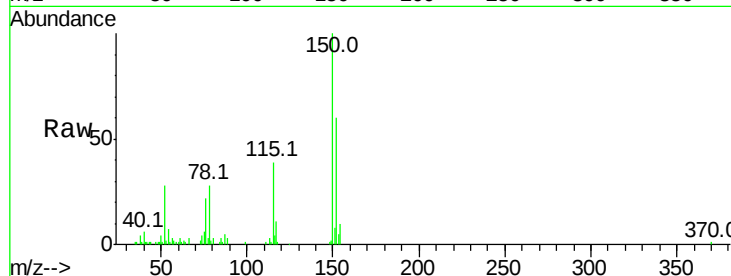


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.34 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG028647.D
Acq: 11 Sep 2017 18:31

Instrument :
BNA_G
ClientSampleId :

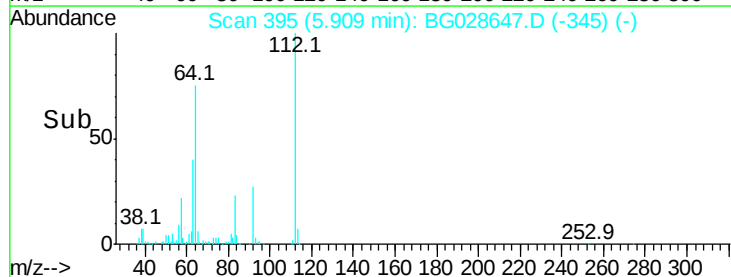
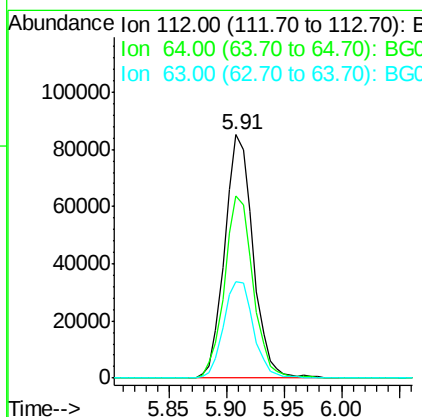
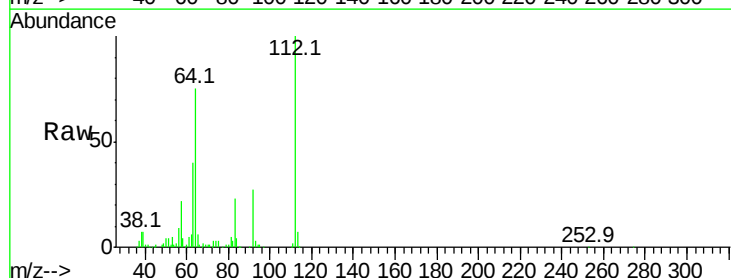
Tot Ion:152 Resp: 35960
Ion Ratio Lower Upper
152 100
150 165.5 114.0 171.0
115 65.0 48.1 72.1

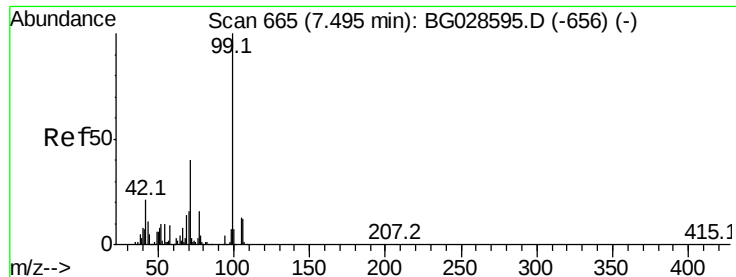


#5

2-Fluorophenol
Concen: 67.978 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG028647.D
Acq: 11 Sep 2017 18:31

Tgt Ion:112 Resp: 145183
Ion Ratio Lower Upper
112 100
64 74.8 61.8 92.6
63 39.7 37.2 55.8





#7

Phenol-d6

Concen: 37.660 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028647.D

Acq: 11 Sep 2017 18:31

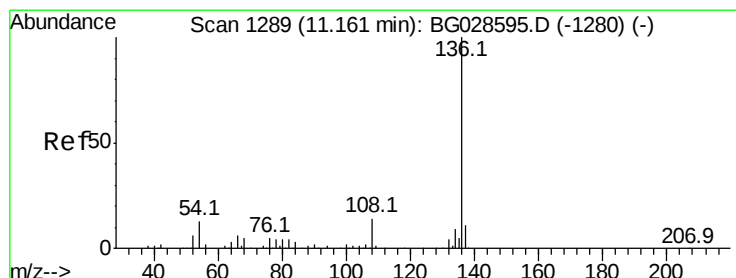
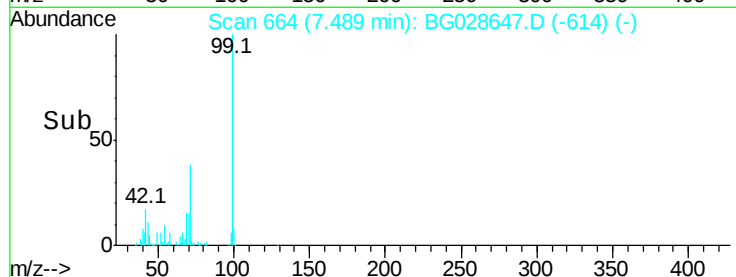
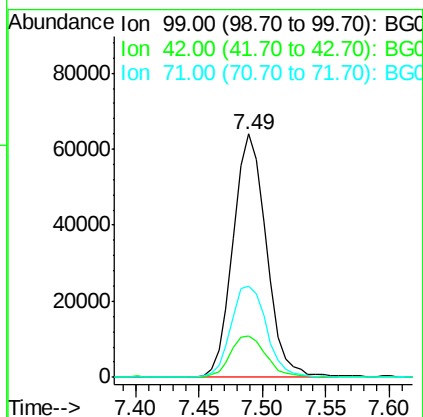
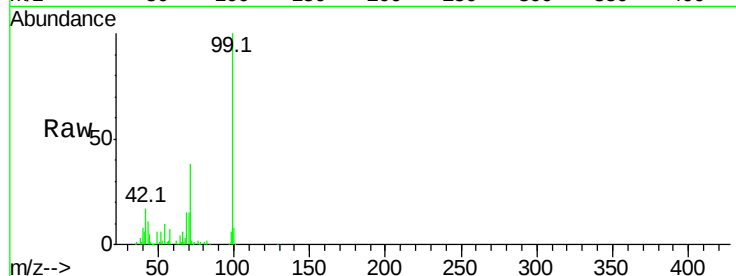
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 116663

Ion	Ratio	Lower	Upper
99	100		
42	17.0	20.5	30.7#
71	37.7	37.6	56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.16 min Scan# 1288

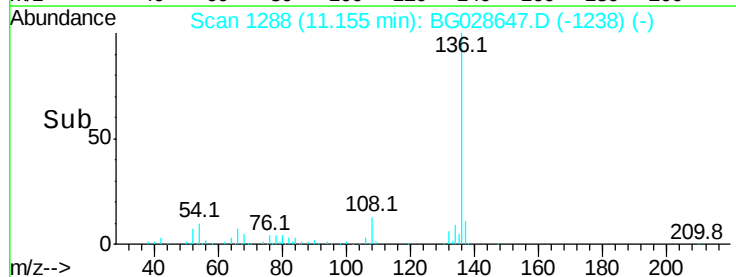
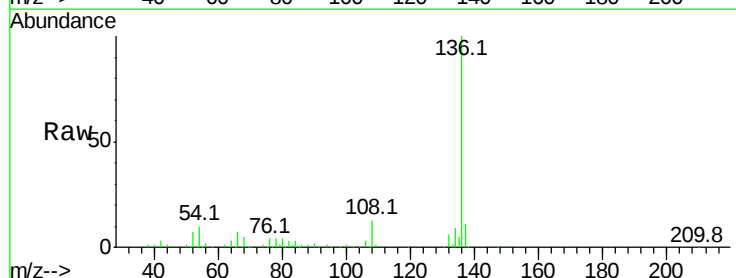
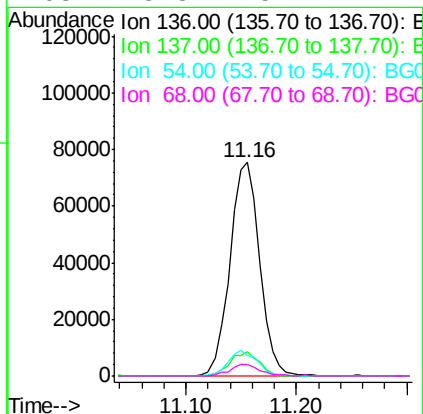
Delta R.T. -0.01 min

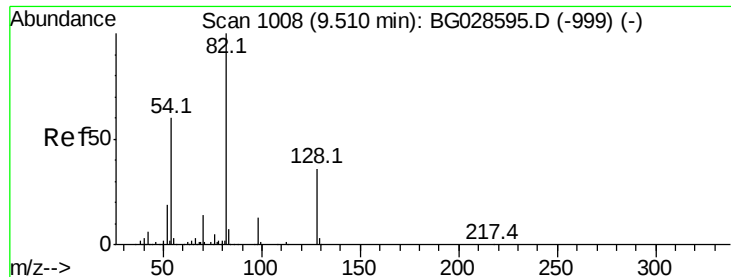
Lab File: BG028647.D

Acq: 11 Sep 2017 18:31

Tgt Ion: 136 Resp: 141985

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.8	9.3	13.9
68	5.3	5.1	7.7

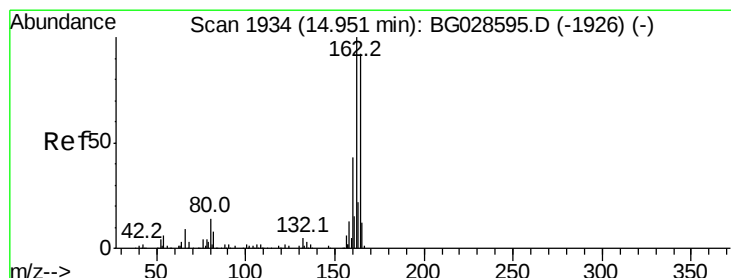
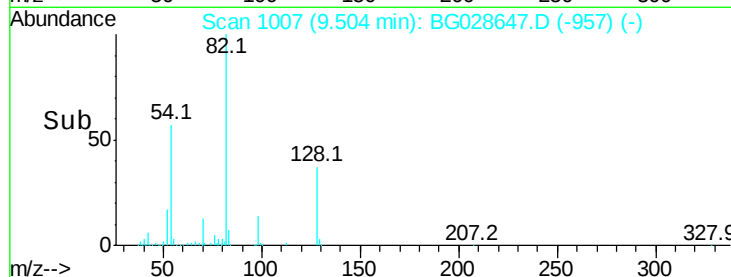
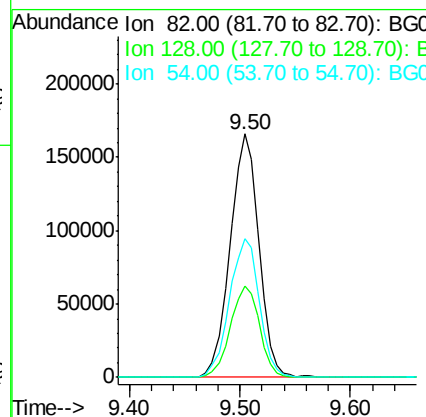
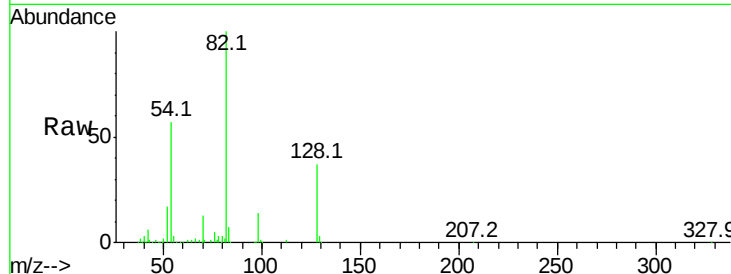




#23
Nitrobenzene-d5
Concen: 97.708 ng
RT: 9.50 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG028647.D
Acq: 11 Sep 2017 18:31

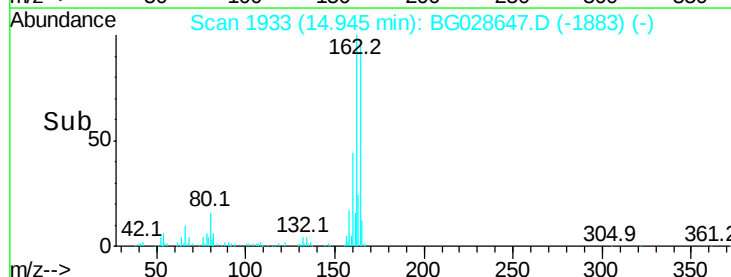
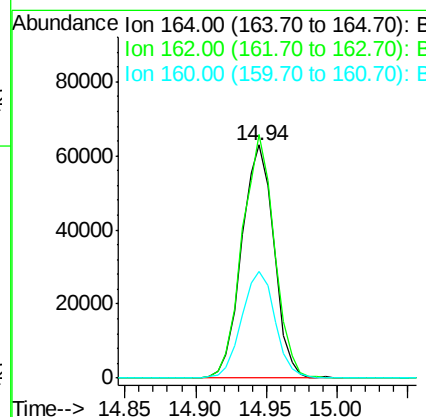
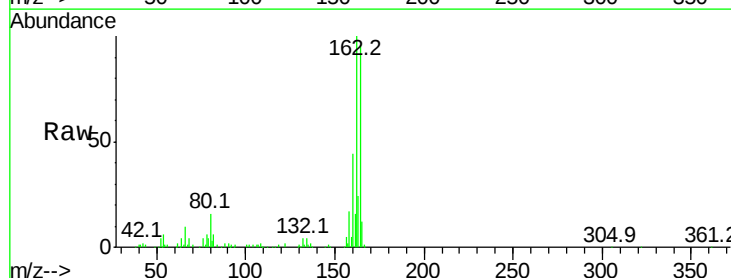
Instrument :
BNA_G
ClientSampleId :

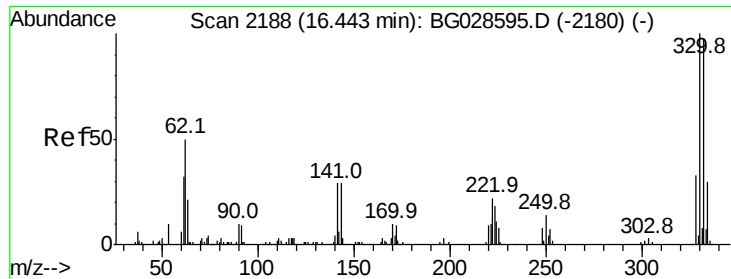
Tot Ion: 82 Resp: 302128
Ion Ratio Lower Upper
82 100
128 37.3 26.4 39.6
54 56.9 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG028647.D
Acq: 11 Sep 2017 18:31

Tgt Ion: 164 Resp: 100714
Ion Ratio Lower Upper
164 100
162 104.4 85.1 127.7
160 45.8 34.7 52.1

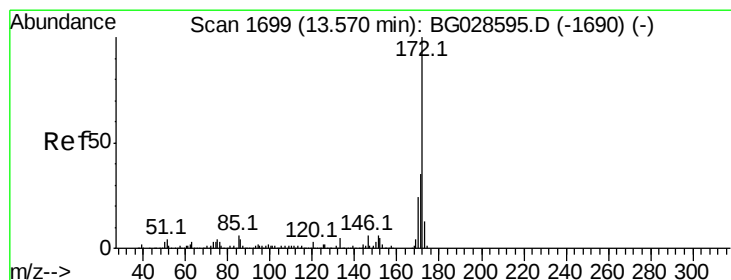
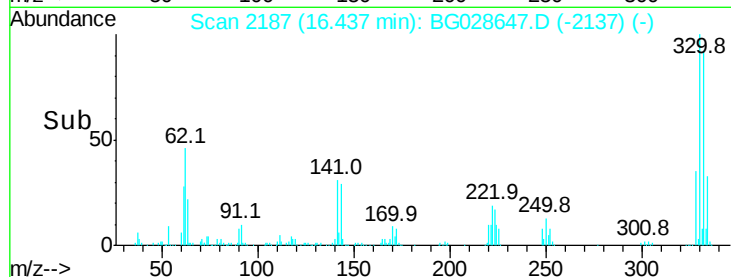
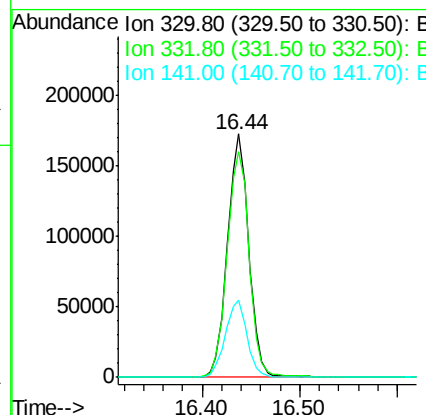
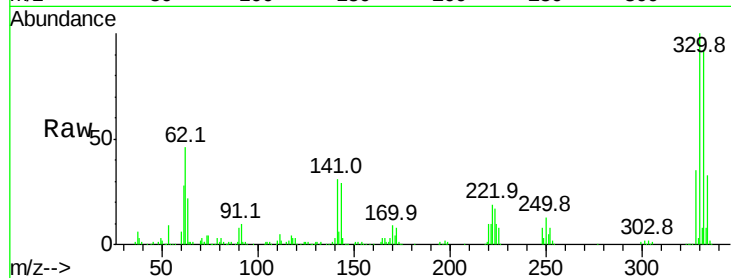




#41
 2,4,6-Tribromophenol
 Concen: 170.704 ng
 RT: 16.44 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG028647.D
 Acq: 11 Sep 2017 18:31

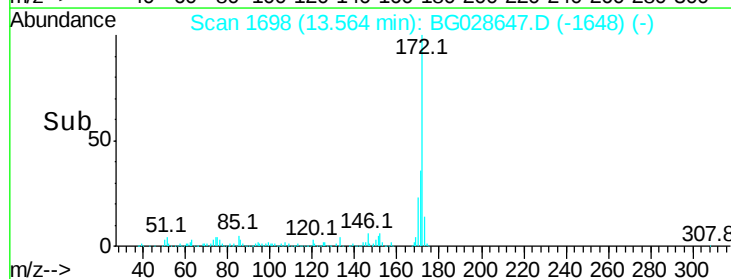
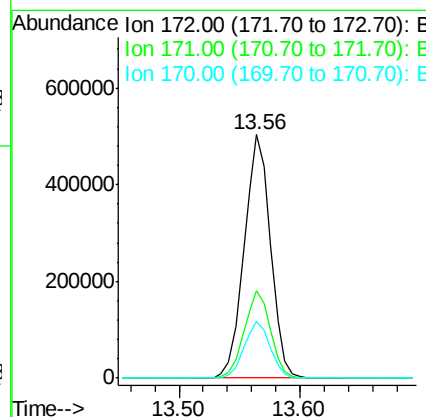
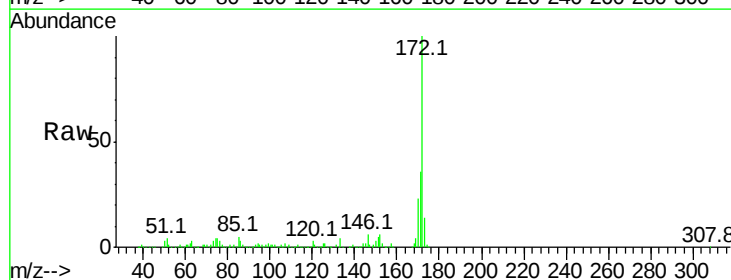
Instrument :
 BNA_G
 ClientSampleId :

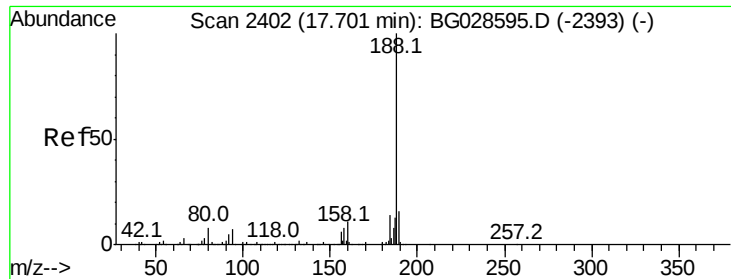
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	32.3	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 99.154 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG028647.D
 Acq: 11 Sep 2017 18:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	32.2	48.2
170	23.1	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BG028647.D

Acq: 11 Sep 2017 18:31

Instrument :

BNA_G

ClientSampleId :

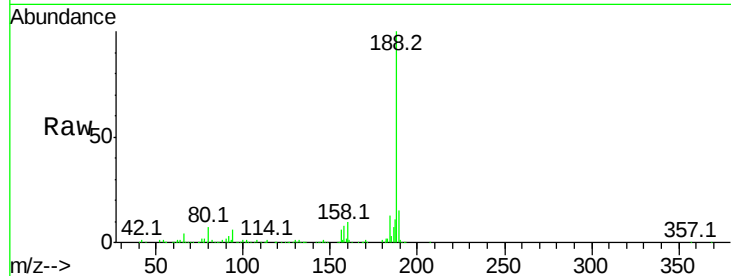
Tot Ion:188 Resp: 275136

Ion Ratio Lower Upper

188 100

94 6.0 5.8 8.8

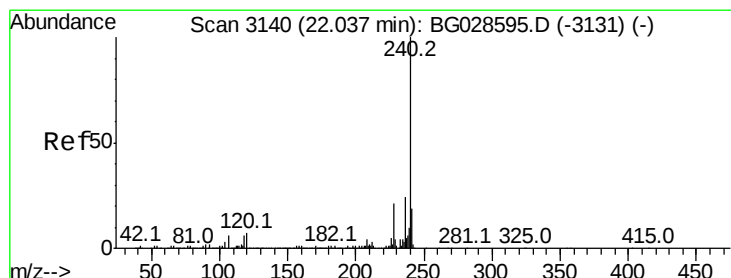
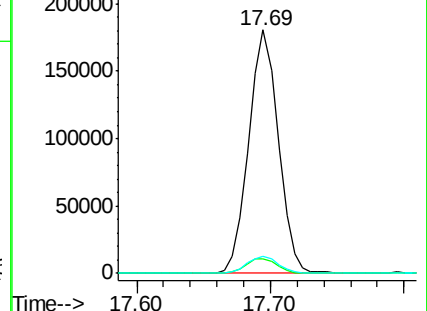
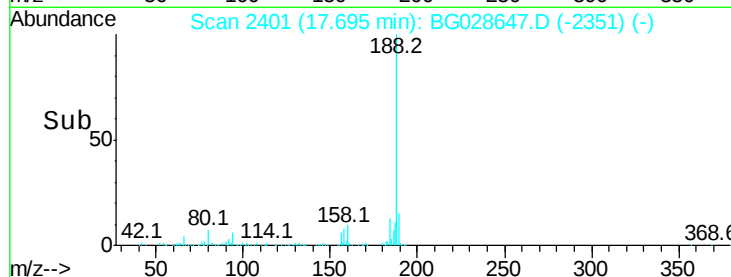
80 6.8 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028647.D

Acq: 11 Sep 2017 18:31

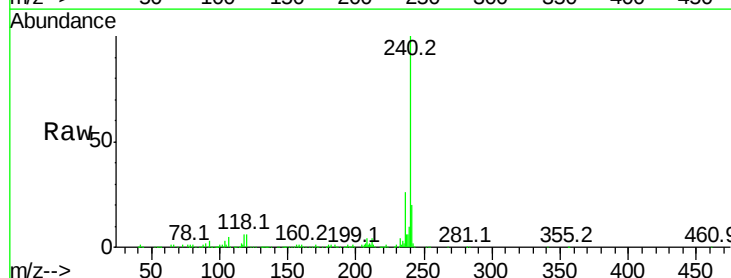
Tgt Ion:240 Resp: 324037

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

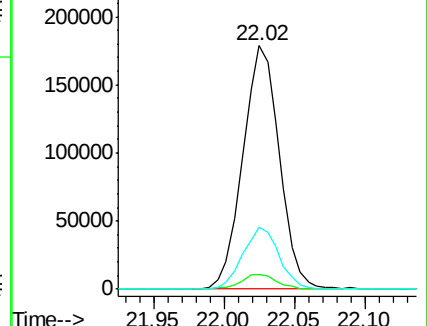
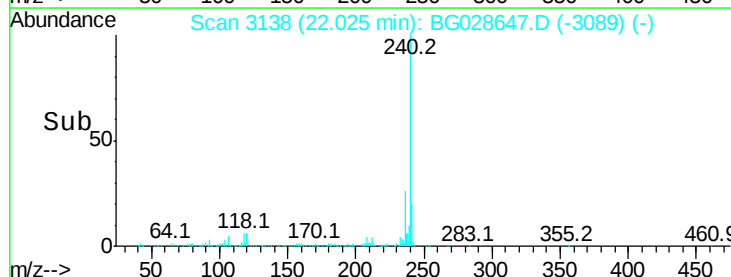
236 25.5 22.2 33.4

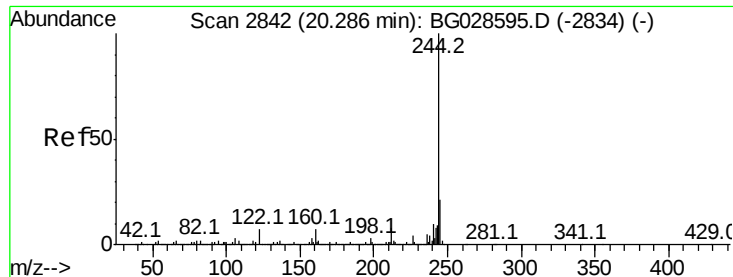


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.022 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG028647.D

Acq: 11 Sep 2017 18:31

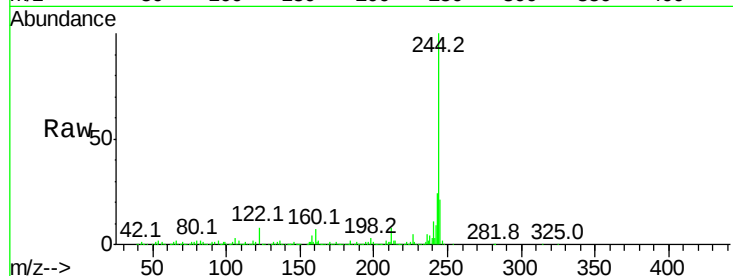
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1429126

Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	7.9	8.6	12.8#

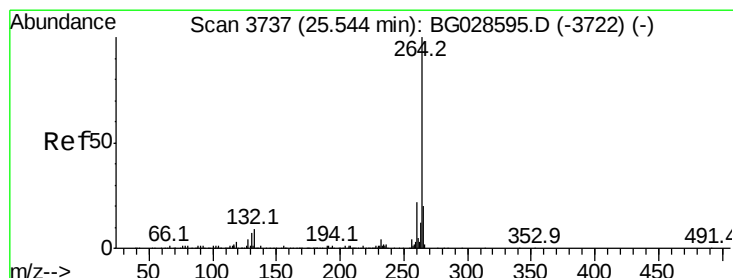
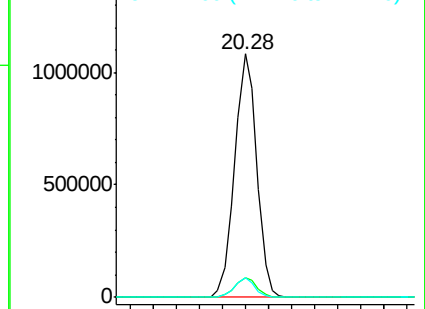
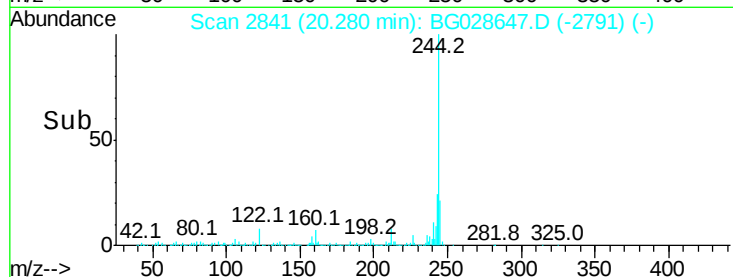


Abundance

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: 25.53 min Scan# 3735

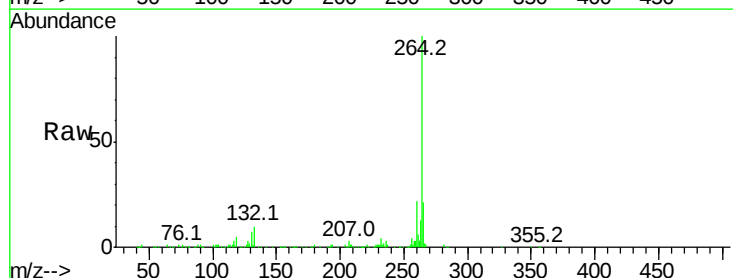
Delta R.T. -0.01 min

Lab File: BG028647.D

Acq: 11 Sep 2017 18:31

Tgt Ion:264 Resp: 313585

Ion	Ratio	Lower	Upper
264	100		
260	22.4	21.8	32.8
265	21.3	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

