

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
 Data File : BG028654.D
 Acq On : 11 Sep 2017 23:47
 Operator : SJ/JU
 Sample : PB102205BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 12 04:44:17 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

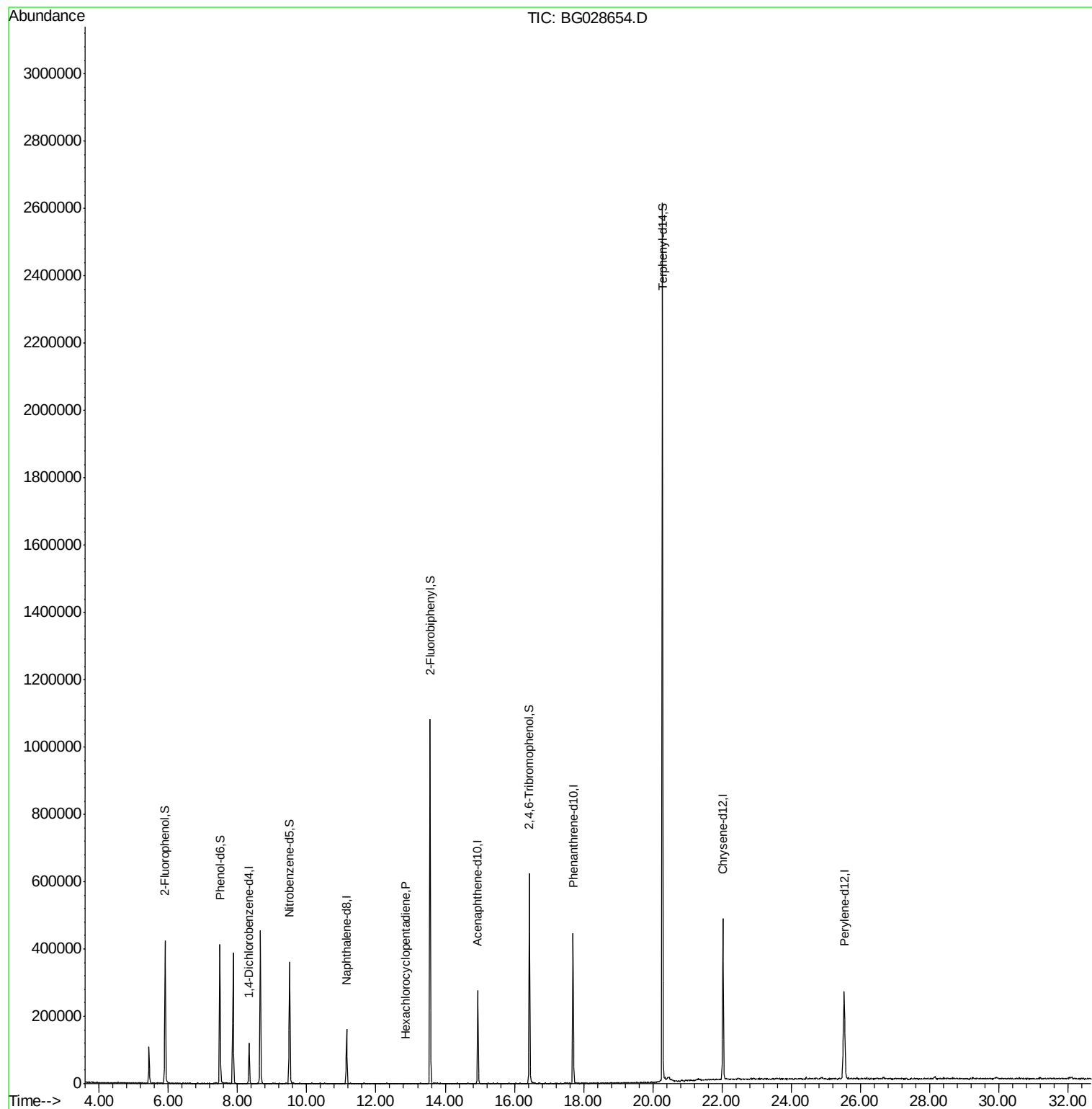
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	34061	20.00	ng	-0.01
21) Naphthalene-d8	11.15	136	135528	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	99988	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	287471	20.00	ng	0.00
75) Chrysene-d12	22.03	240	342990	20.00	ng	-0.01
86) Perylene-d12	25.53	264	339872	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	176751	87.37	ng	0.00
7) Phenol-d6	7.49	99	242718	82.72	ng	0.00
23) Nitrobenzene-d5	9.50	82	231062	78.29	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	139545	91.82	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	585765	76.64	ng	0.00
78) Terphenyl-d14	20.28	244	1182968	74.31	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	12.85	237	56	9.111	ng	Qvalue # 29

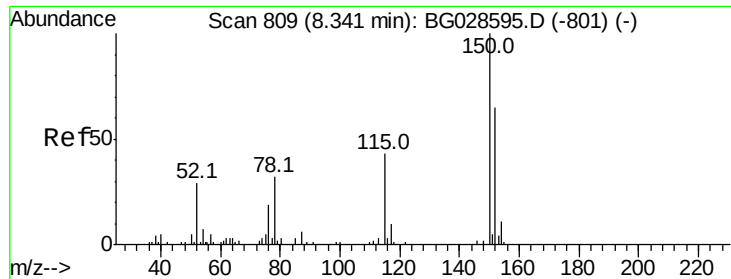
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG028654.D
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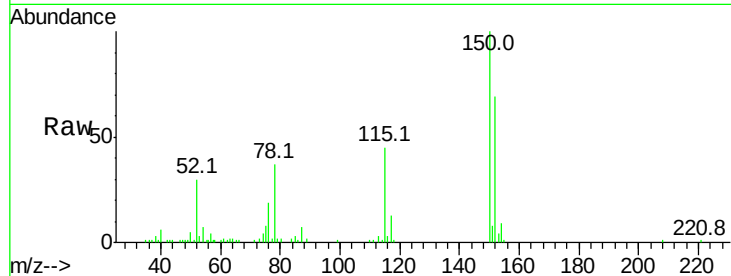


#1

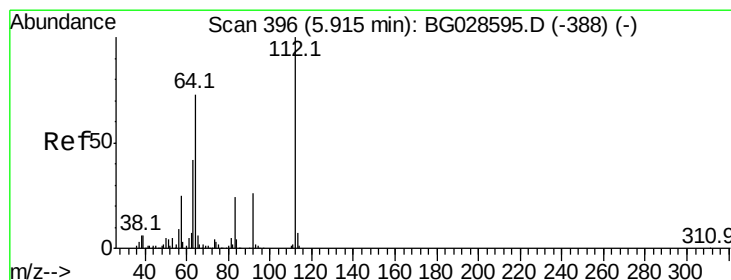
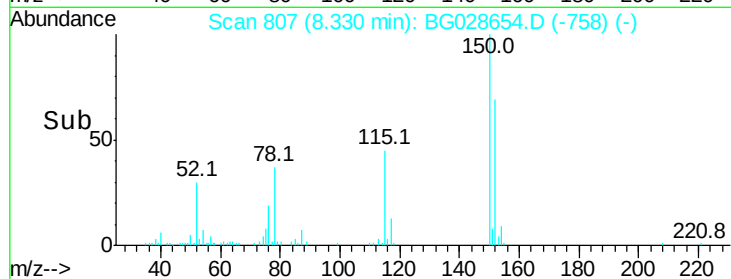
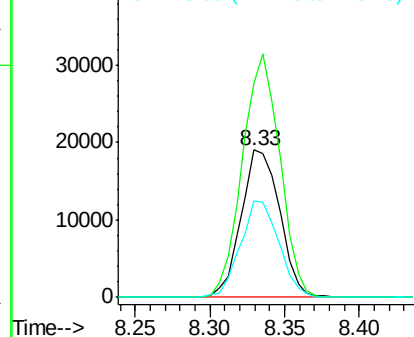
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG028654.D
Acq: 11 Sep 2017 23:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34061
Ion Ratio Lower Upper
152 100
150 145.3 114.0 171.0
115 65.9 48.1 72.1



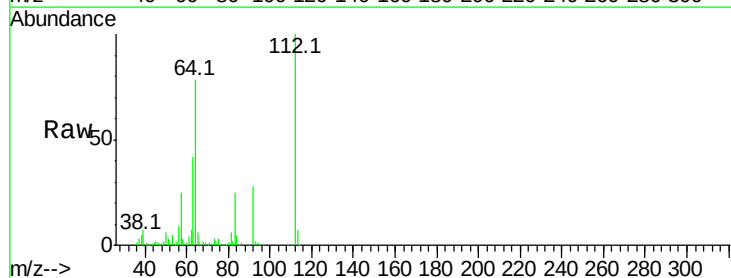
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



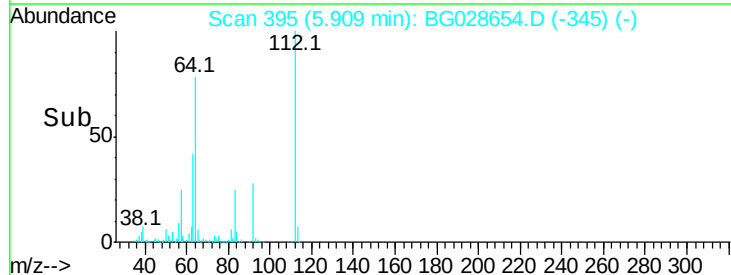
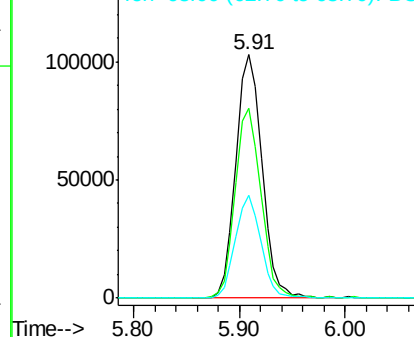
#5

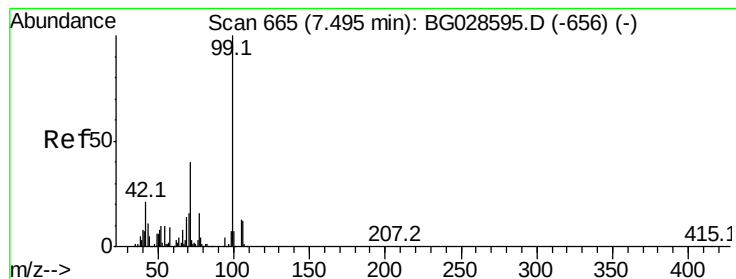
2-Fluorophenol
Concen: 87.373 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG028654.D
Acq: 11 Sep 2017 23:47

Tgt Ion:112 Resp: 176751
Ion Ratio Lower Upper
112 100
64 77.8 61.8 92.6
63 42.3 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 82.719 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028654.D

Acq: 11 Sep 2017 23:47

Instrument :

BNA_G

ClientSampleId :

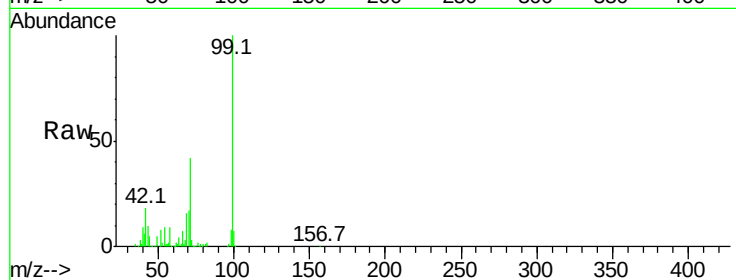
Tot Ion: 99 Resp: 242718

Ion Ratio Lower Upper

99 100

42 17.6 20.5 30.7#

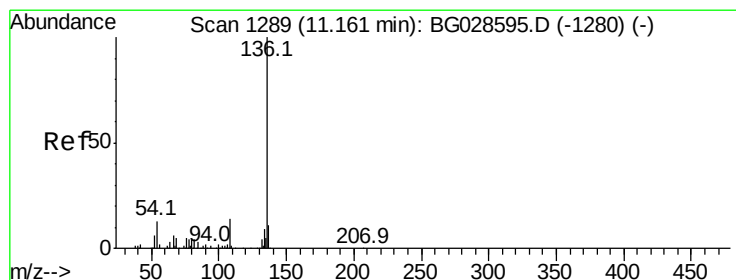
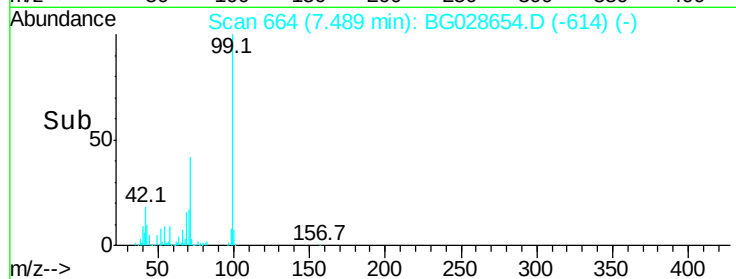
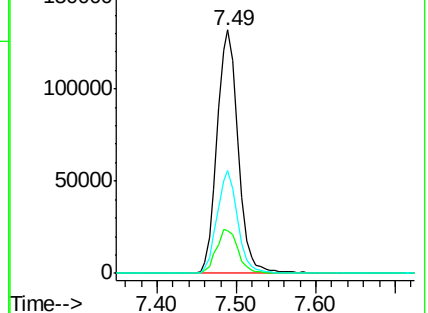
71 42.3 37.6 56.4



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: 11.15 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG028654.D

Acq: 11 Sep 2017 23:47

Tgt Ion: 136 Resp: 135528

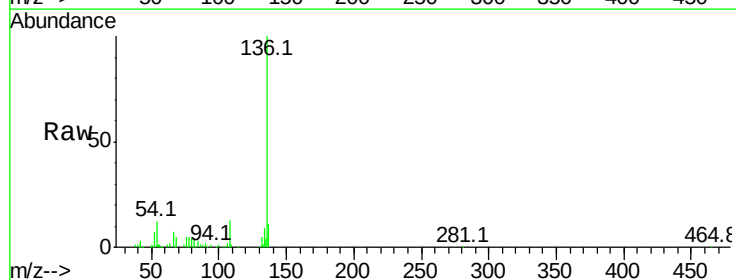
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 12.1 9.3 13.9

68 4.7 5.1 7.7#

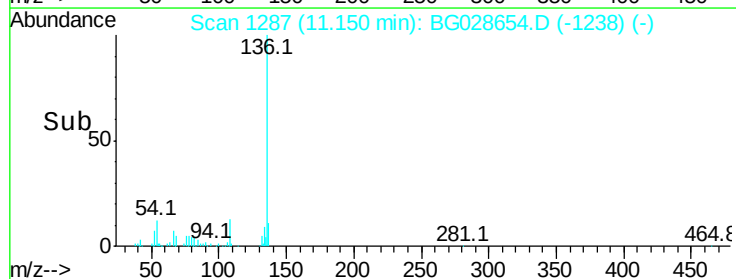
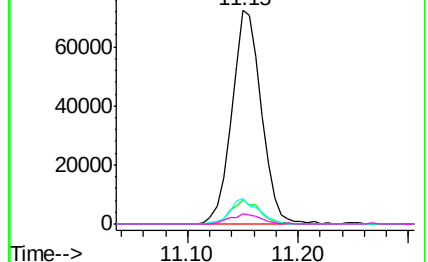


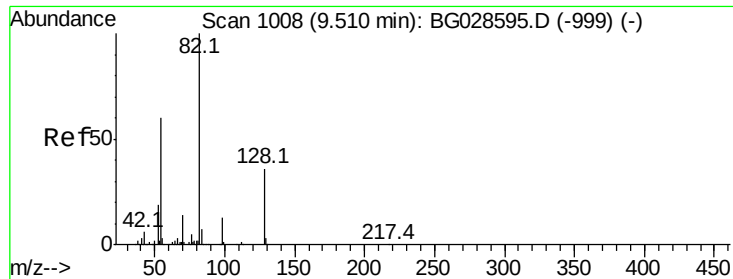
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

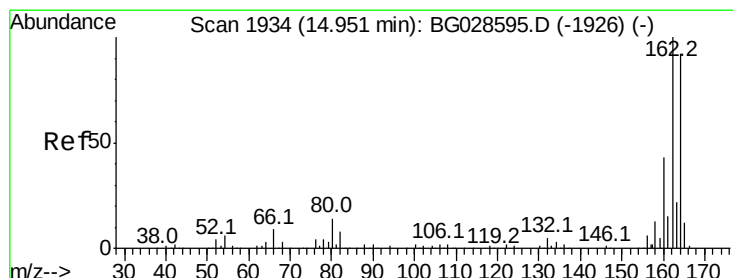
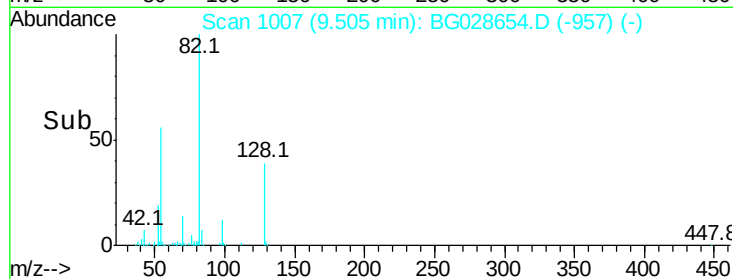
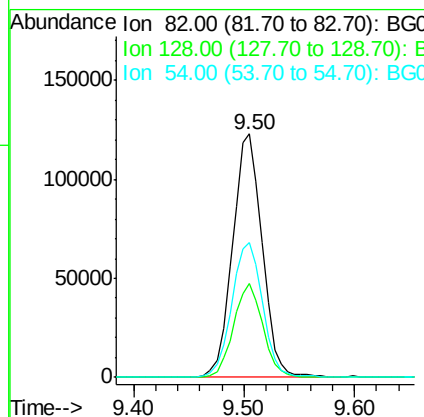
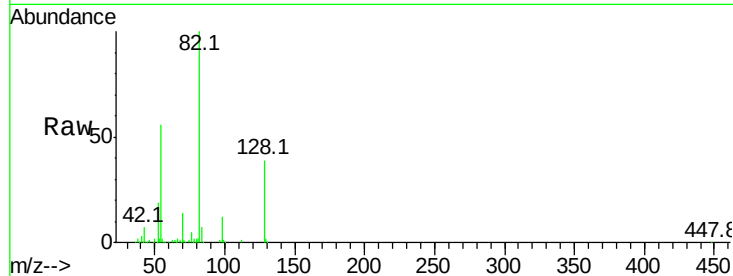




#23
 Nitrobenzene-d5
 Concen: 78.285 ng
 RT: 9.50 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG028654.D
 Acq: 11 Sep 2017 23:47

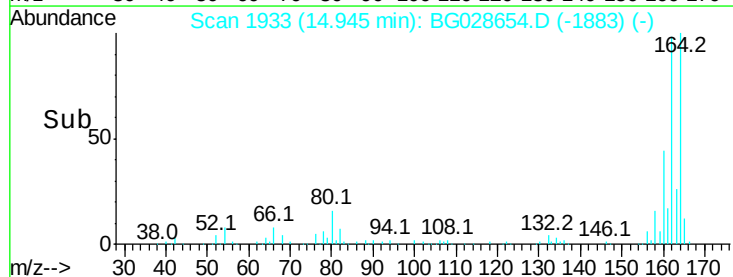
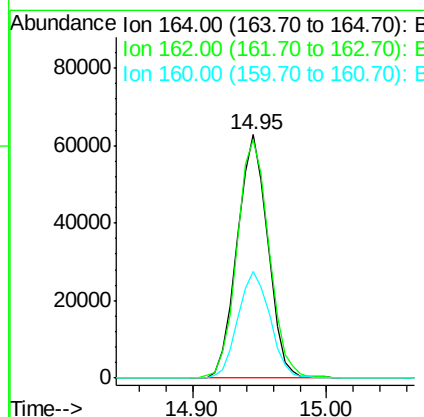
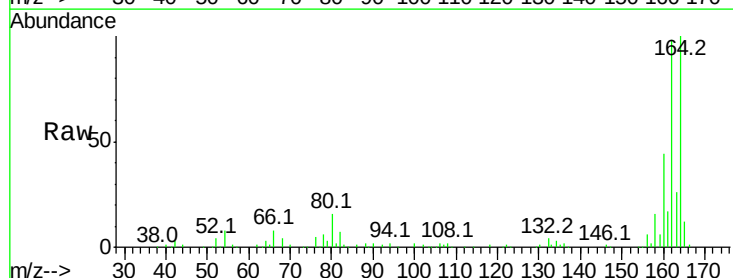
Instrument :
 BNA_G
 ClientSampleId :

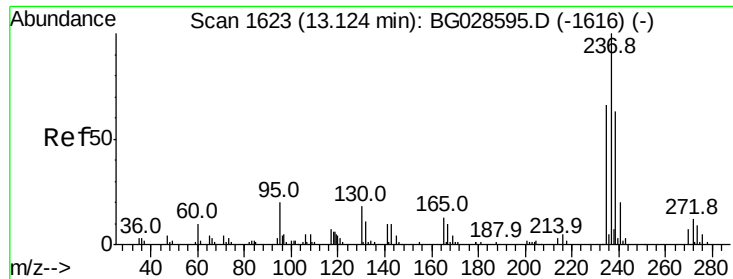
Tot Ion	82	Resp	231062
Ion Ratio	Lower	Upper	
82	100		
128	38.7	26.4	39.6
54	55.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.95 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG028654.D
 Acq: 11 Sep 2017 23:47

Tgt Ion	164	Resp	99988
Ion Ratio	Lower	Upper	
164	100		
162	98.1	85.1	127.7
160	43.8	34.7	52.1





#40

Hexachlorocyclopentadiene

Concen: 9.111 ng

RT: 12.85 min Scan# 1577

Delta R.T. -0.27 min

Lab File: BG028654.D

Acq: 11 Sep 2017 23:47

Instrument :

BNA_G

ClientSampleId :

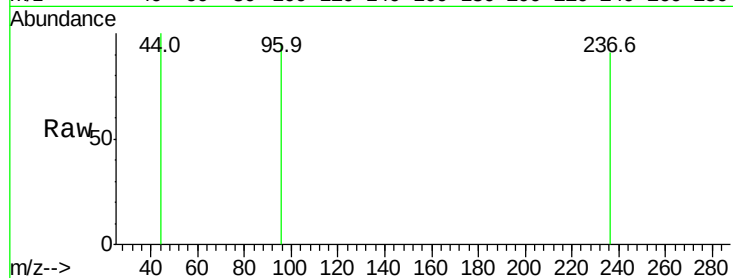
Tot Ion:237 Resp: 56

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

272 0.0 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

12.85

150

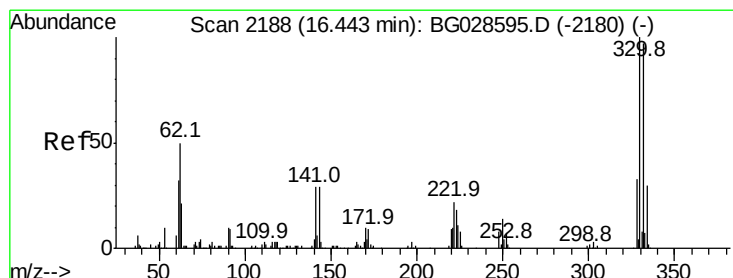
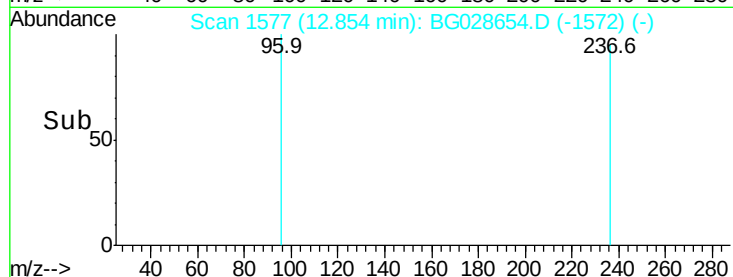
100

50

0

12.84 12.86

Time-->



#41

2,4,6-Tribromophenol

Concen: 91.823 ng

RT: 16.44 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG028654.D

Acq: 11 Sep 2017 23:47

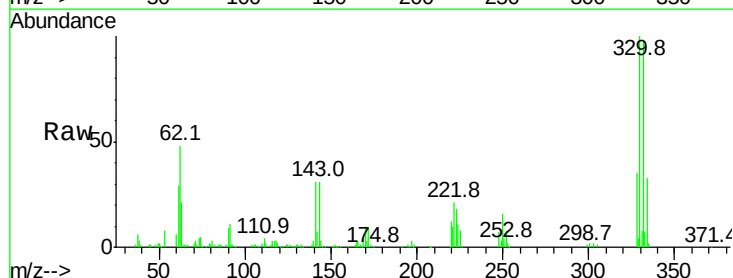
Tgt Ion:330 Resp: 139545

Ion Ratio Lower Upper

330 100

332 97.7 77.3 115.9

141 32.7 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

16.44

100000

80000

60000

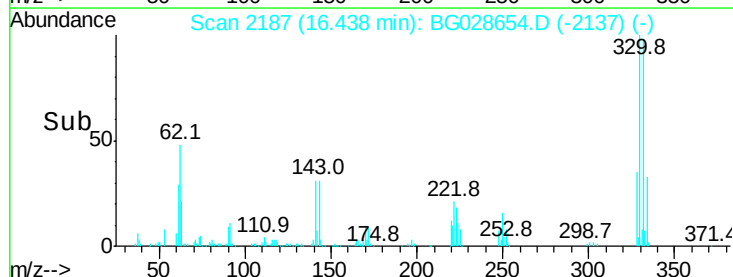
40000

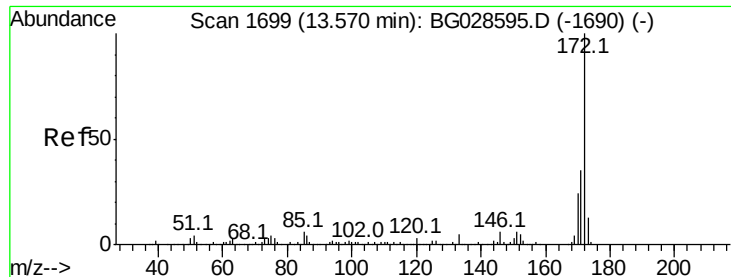
20000

0

16.40 16.50

Time-->

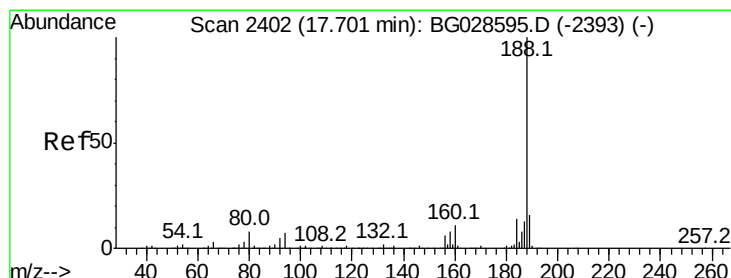
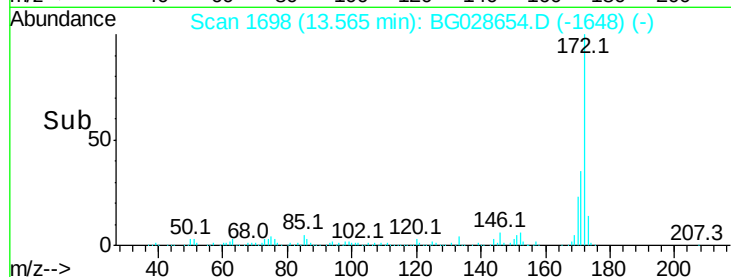
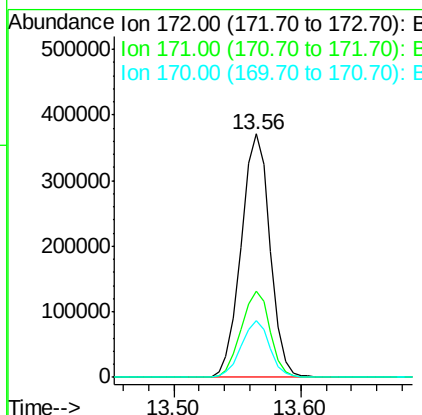
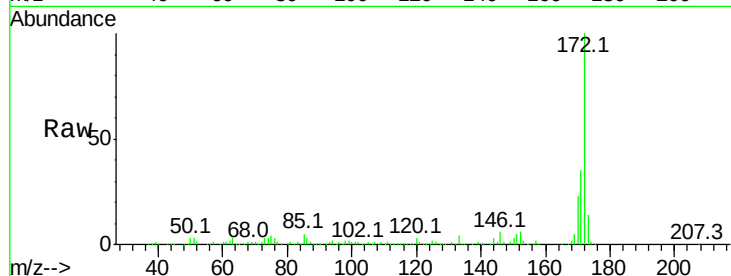




#44
2-Fluorobiphenyl
Concen: 76.640 ng
RT: 13.56 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG028654.D
Acq: 11 Sep 2017 23:47

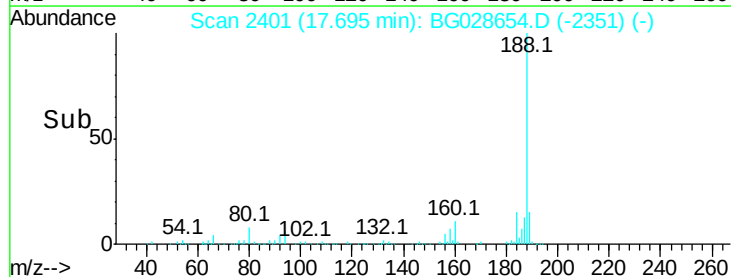
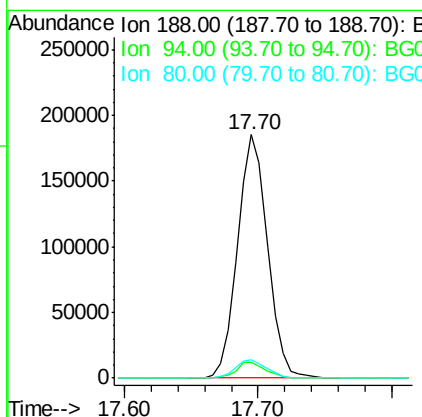
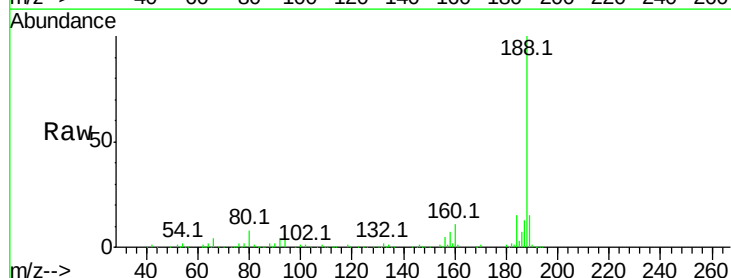
Instrument :
BNA_G
ClientSampleId :

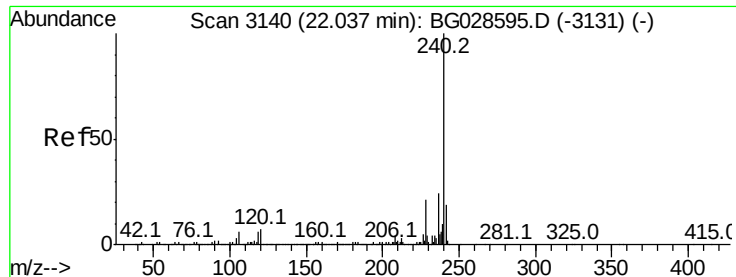
Tot Ion:172 Resp: 585765
Ion Ratio Lower Upper
172 100
171 35.5 32.2 48.2
170 23.2 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.70 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BG028654.D
Acq: 11 Sep 2017 23:47

Tgt Ion:188 Resp: 287471
Ion Ratio Lower Upper
188 100
94 6.5 5.8 8.8
80 7.6 7.5 11.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028654.D

Acq: 11 Sep 2017 23:47

Instrument :

BNA_G

ClientSampled :

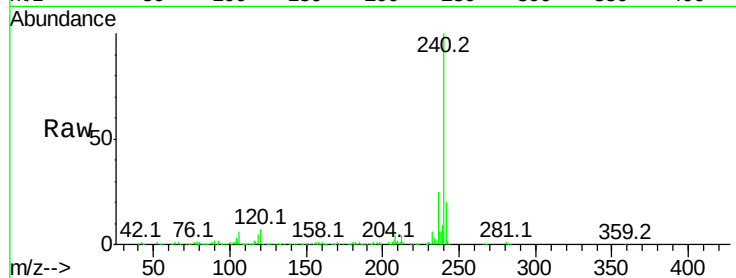
Tot Ion:240 Resp: 342990

Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.7	8.5
236	25.4	22.2	33.4

240 100

120 6.9 5.7 8.5

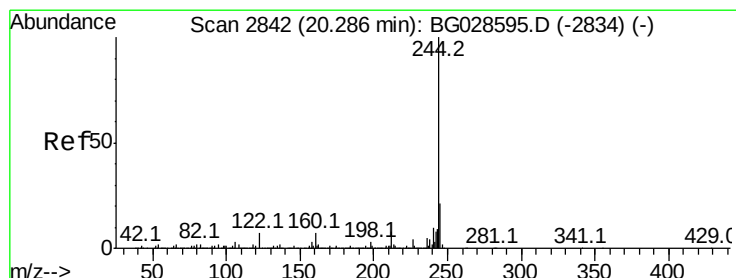
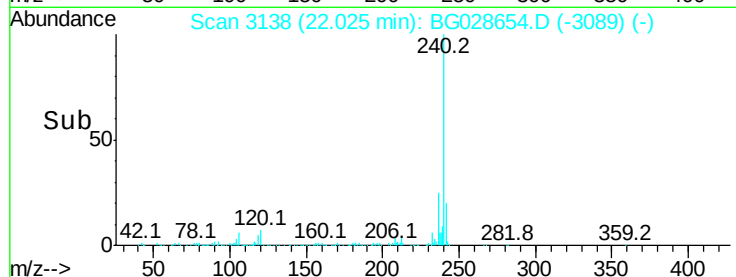
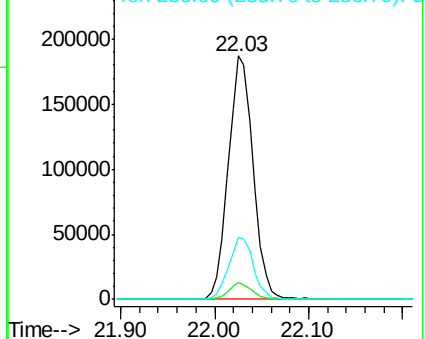
236 25.4 22.2 33.4



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: 74.309 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG028654.D

Acq: 11 Sep 2017 23:47

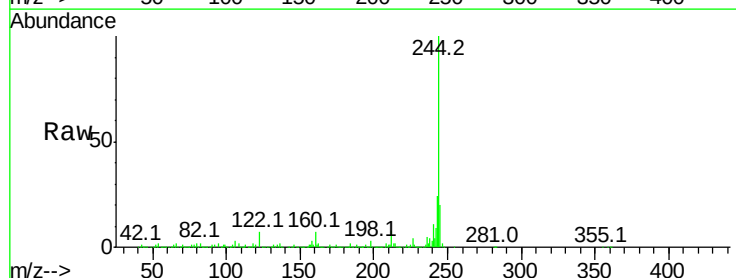
Tgt Ion:244 Resp: 1182968

Ion	Ratio	Lower	Upper
244	100		
212	8.2	10.0	15.0#
122	7.4	8.6	12.8#

244 100

212 8.2 10.0 15.0#

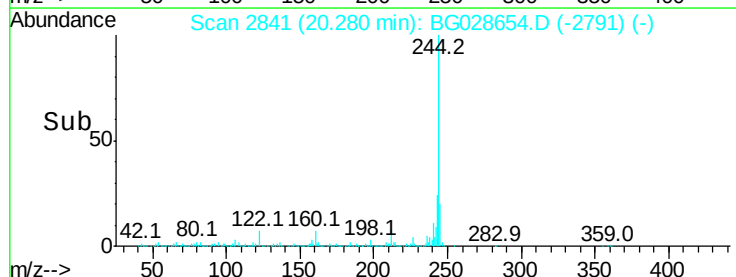
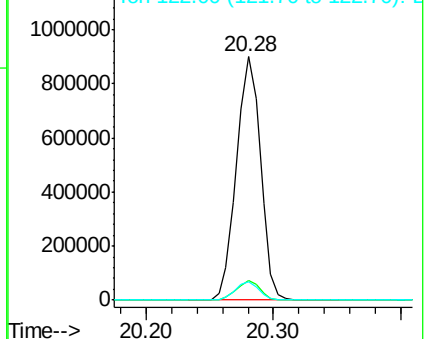
122 7.4 8.6 12.8#

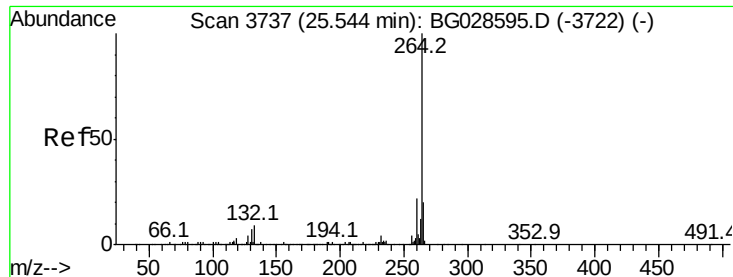


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

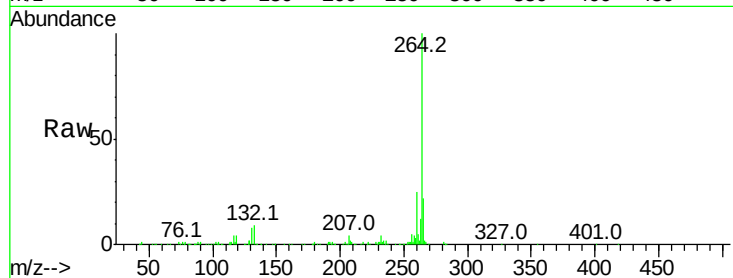




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.53 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG028654.D
Acq: 11 Sep 2017 23:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	21.8	32.8
265	22.4	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

