

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
 Data File : BG028644.D
 Acq On : 11 Sep 2017 16:32
 Operator : SJ/JU
 Sample : I5167-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 12 04:40:44 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	36803	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	144761	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	104908	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	285711	20.00	ng	0.00
75) Chrysene-d12	22.02	240	319838	20.00	ng	-0.01
86) Perylene-d12	25.52	264	323875	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	11678	5.34	ng	0.00
7) Phenol-d6	7.49	99	9387	2.96	ng	0.00
23) Nitrobenzene-d5	9.51	82	24057	7.63	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	20493	12.85	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	68407	8.53	ng	0.00
78) Terphenyl-d14	20.28	244	123455	8.32	ng	0.00

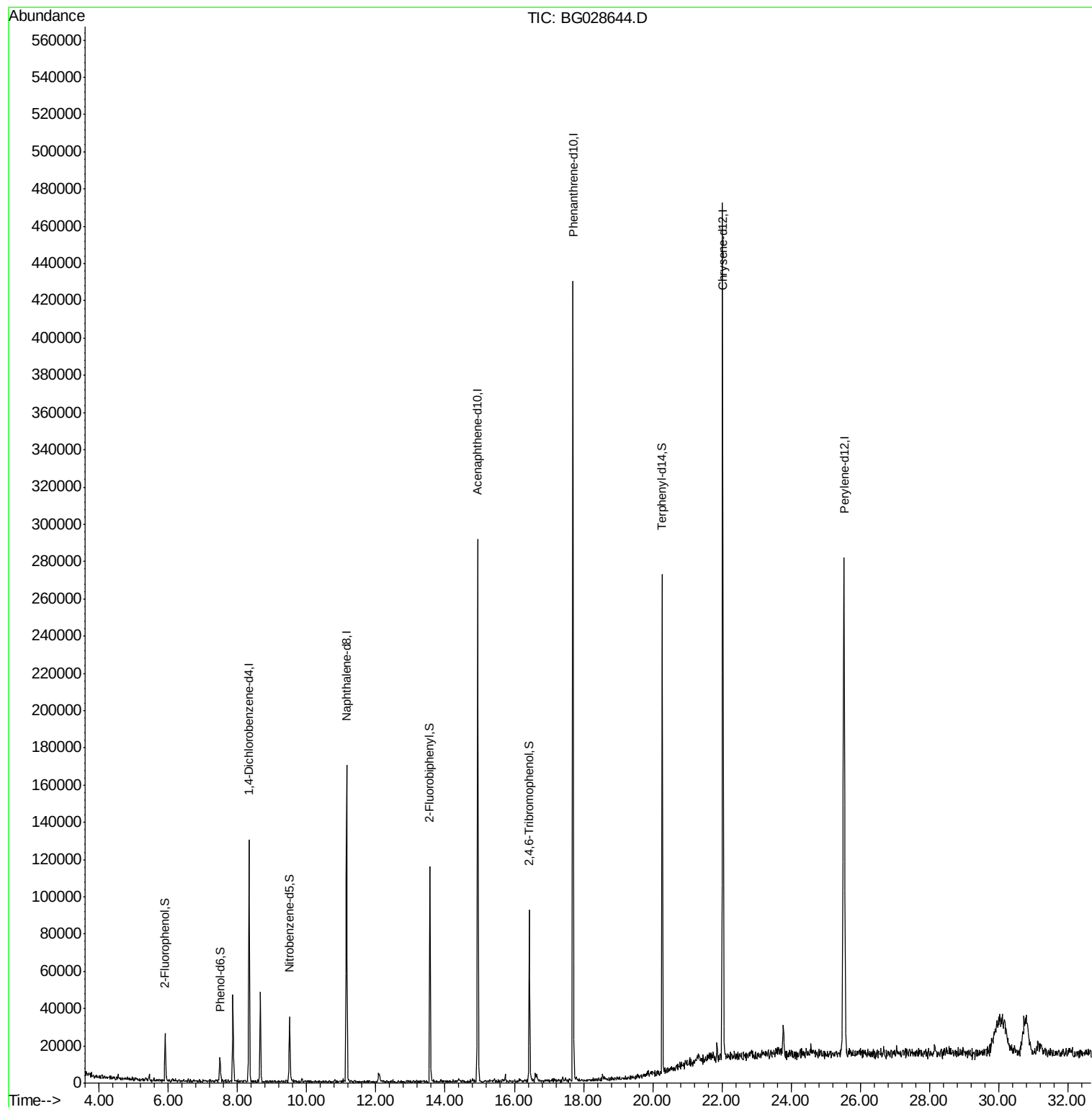
Target Compounds Qvalue

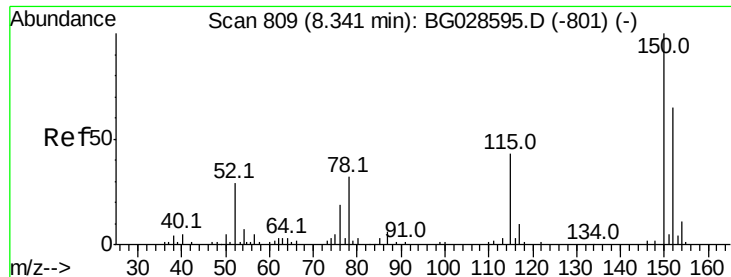
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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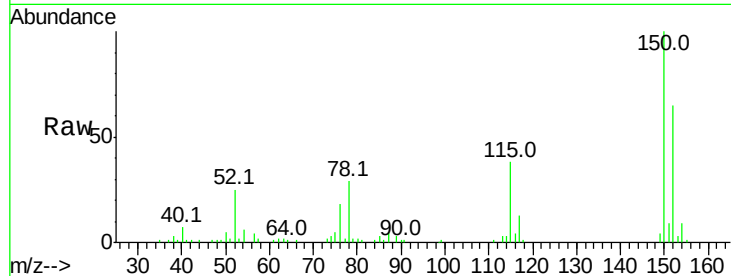


#1

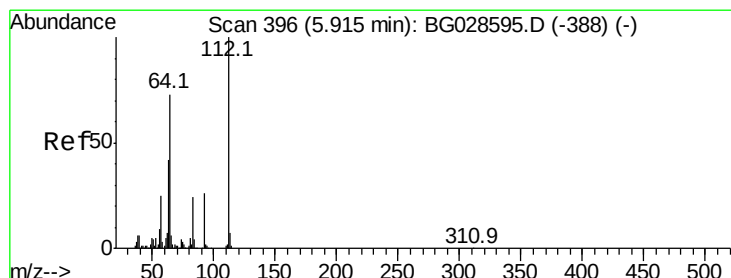
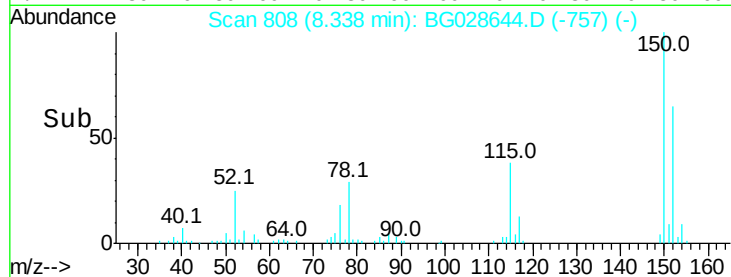
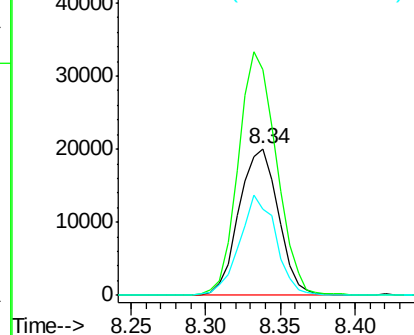
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.34 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG028644.D
Acq: 11 Sep 2017 16:32

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 36803
Ion Ratio Lower Upper
152 100
150 153.4 114.0 171.0
115 59.0 48.1 72.1



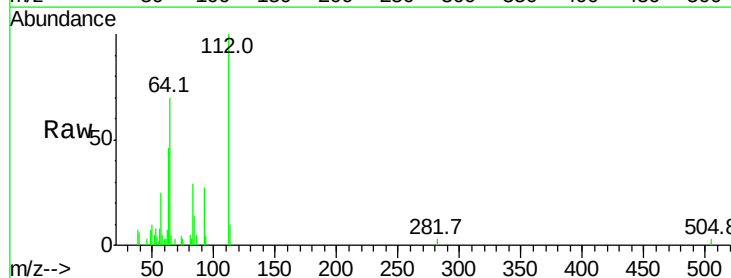
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



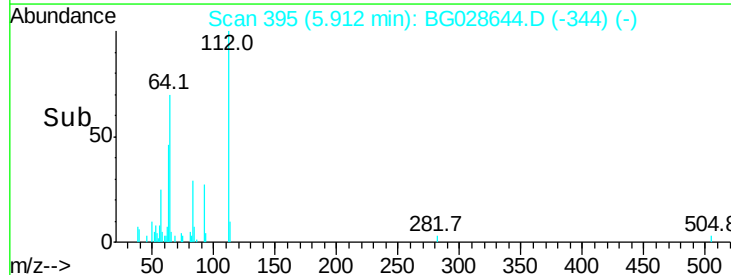
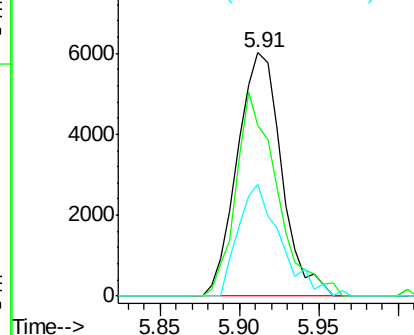
#5

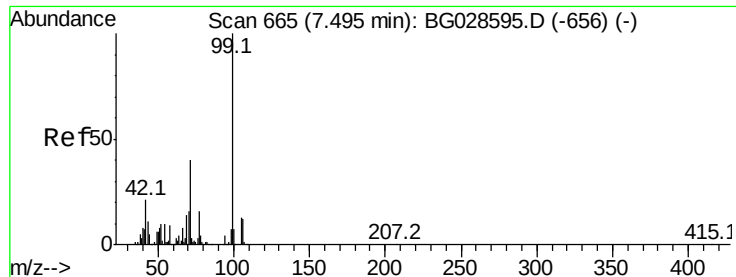
2-Fluorophenol
Concen: 5.343 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG028644.D
Acq: 11 Sep 2017 16:32

Tgt Ion:112 Resp: 11678
Ion Ratio Lower Upper
112 100
64 70.2 61.8 92.6
63 46.0 37.2 55.8



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: 2.961 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG028644.D

Acq: 11 Sep 2017 16:32

Instrument :

BNA_G

ClientSampleId :

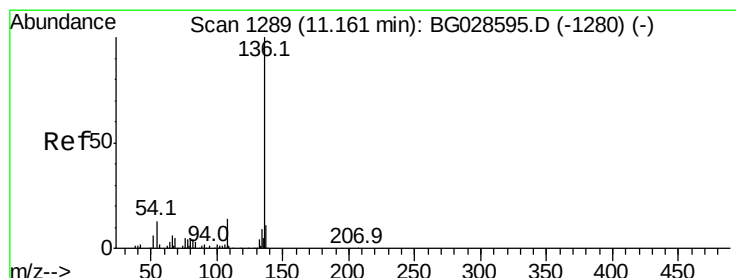
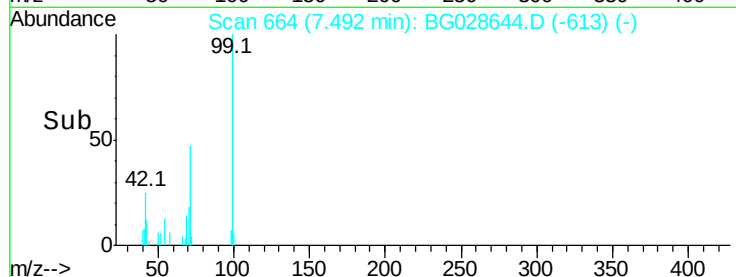
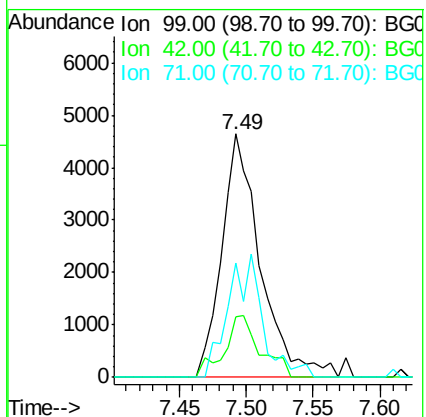
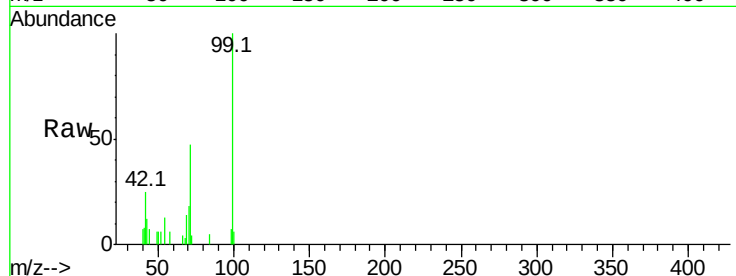
Tot Ion: 99 Resp: 9387

Ion Ratio Lower Upper

99 100

42 24.7 20.5 30.7

71 46.8 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG028644.D

Acq: 11 Sep 2017 16:32

Tgt Ion: 136 Resp: 144761

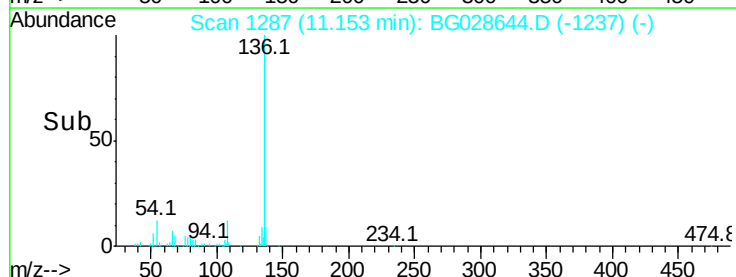
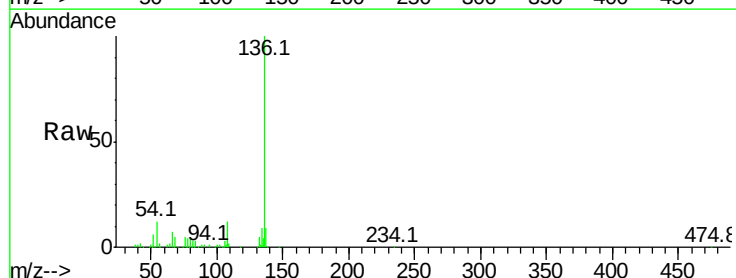
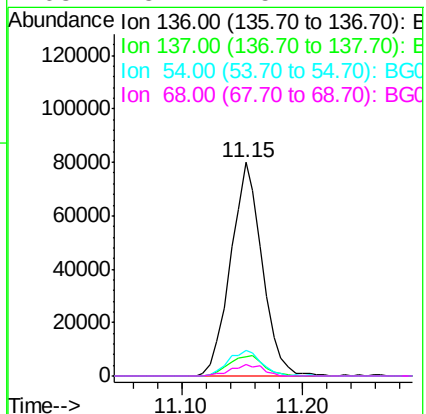
Ion Ratio Lower Upper

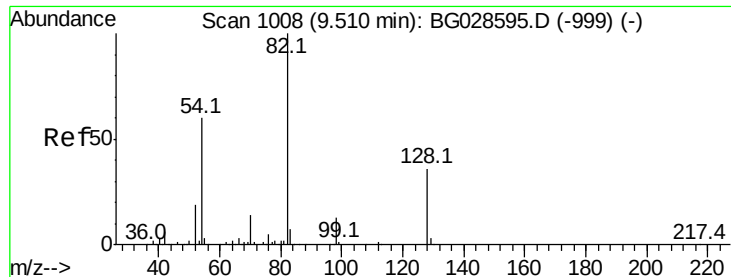
136 100

137 9.2 8.9 13.3

54 12.0 9.3 13.9

68 5.1 5.1 7.7

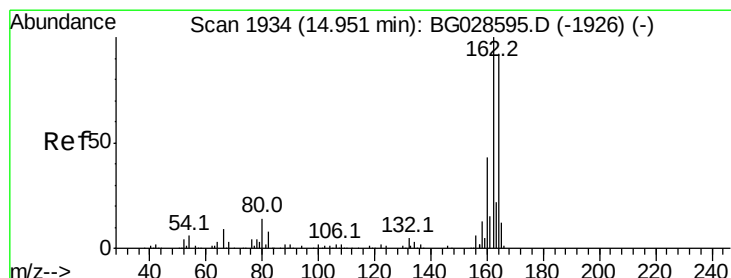
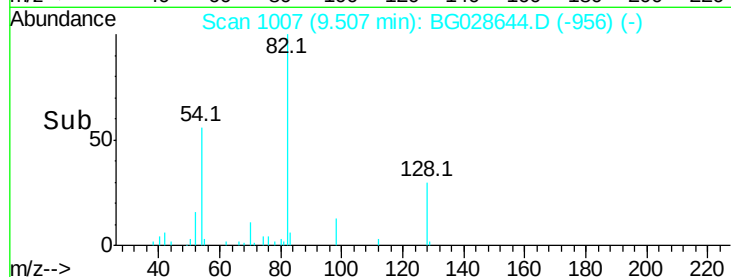
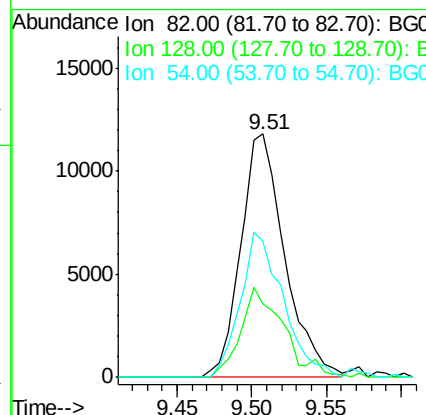
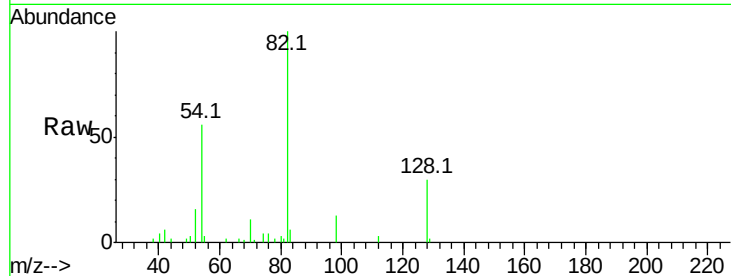




#23
Nitrobenzene-d5
Concen: 7.631 ng
RT: 9.51 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG028644.D
Acq: 11 Sep 2017 16:32

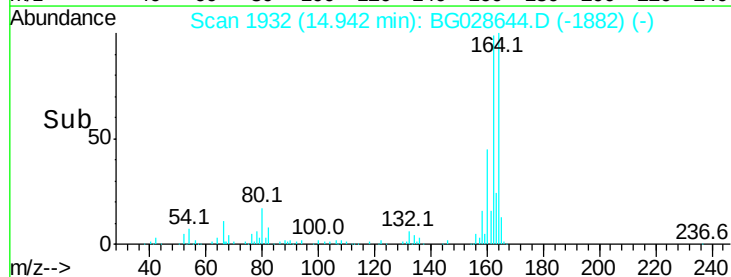
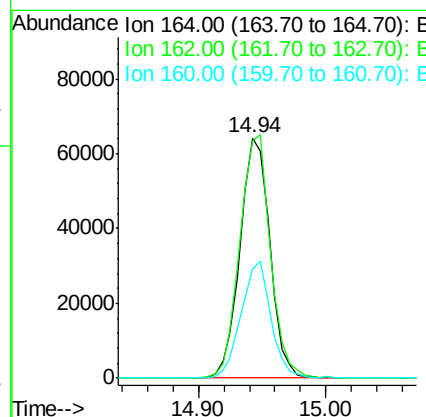
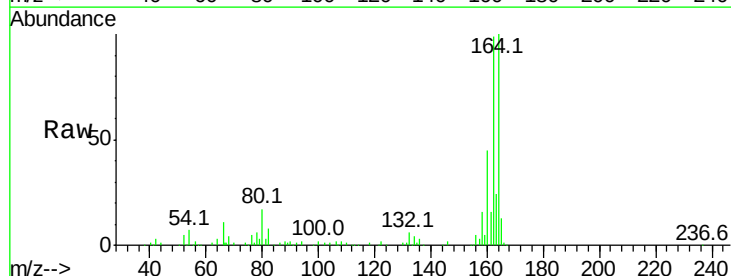
Instrument :
BNA_G
ClientSampleId :

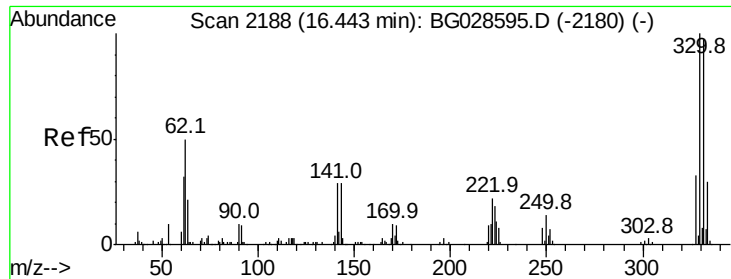
Tot Ion: 82 Resp: 24057
Ion Ratio Lower Upper
82 100
128 30.3 26.4 39.6
54 55.9 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG028644.D
Acq: 11 Sep 2017 16:32

Tgt Ion: 164 Resp: 104908
Ion Ratio Lower Upper
164 100
162 98.9 85.1 127.7
160 45.5 34.7 52.1

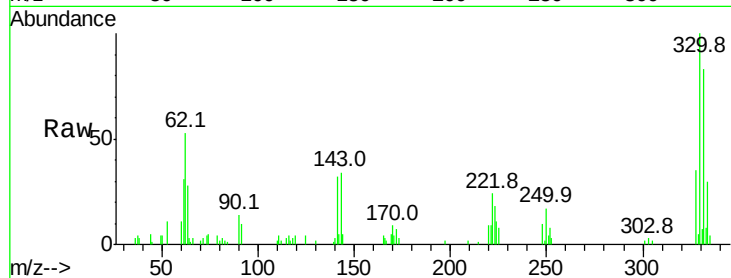




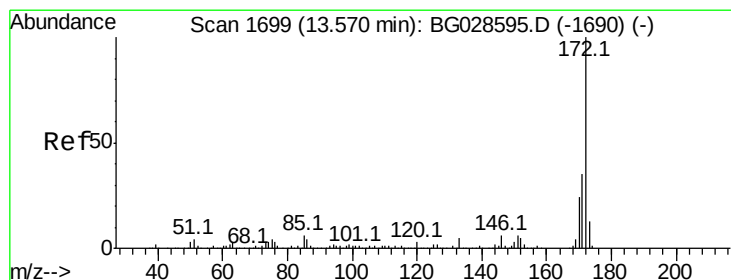
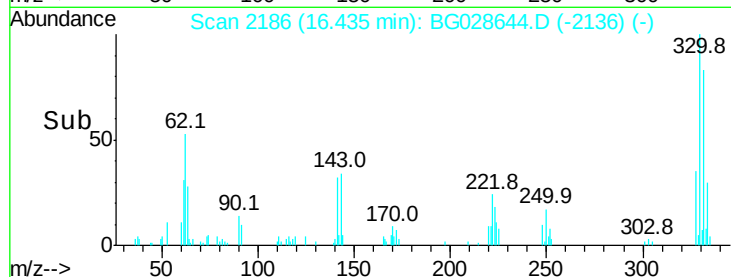
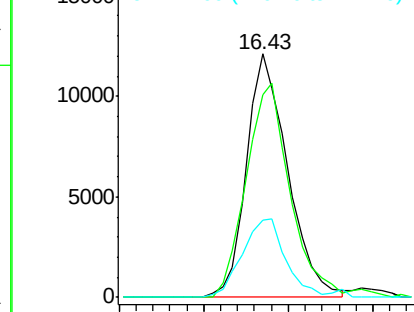
#41
 2,4,6-Tribromophenol
 Concen: 12.852 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG028644.D
 Acq: 11 Sep 2017 16:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 20493
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.3 115.9
 141 35.1 32.1 48.1

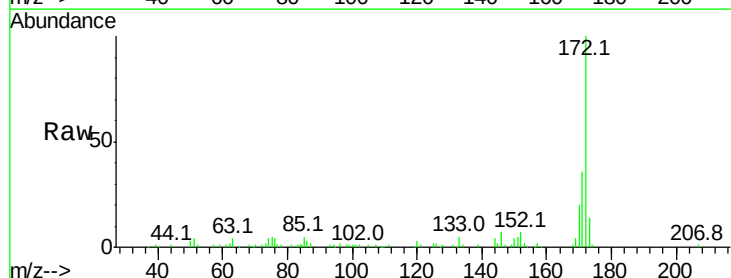


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

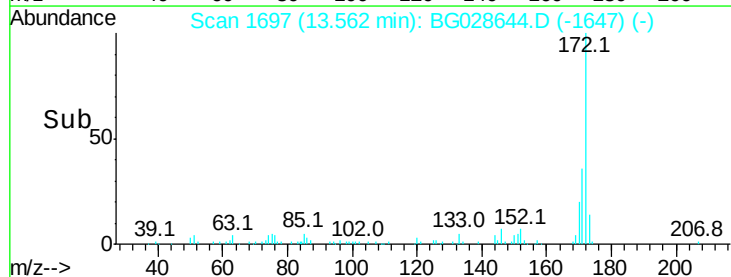
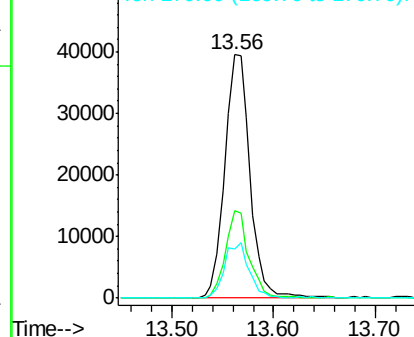


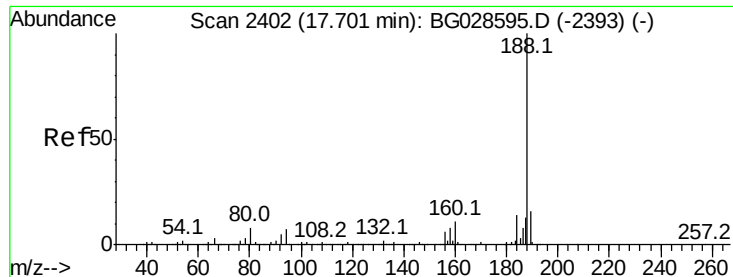
#44
 2-Fluorobiphenyl
 Concen: 8.531 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG028644.D
 Acq: 11 Sep 2017 16:32

Tgt Ion:172 Resp: 68407
 Ion Ratio Lower Upper
 172 100
 171 35.7 32.2 48.2
 170 20.3 21.8 32.6#



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: 17.70 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG028644.D

Acq: 11 Sep 2017 16:32

Instrument :

BNA_G

ClientSampled :

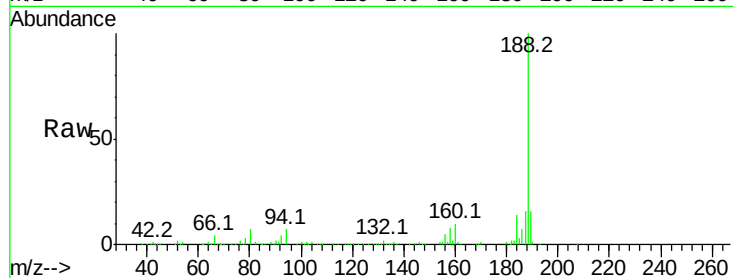
Tot Ion:188 Resp: 285711

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

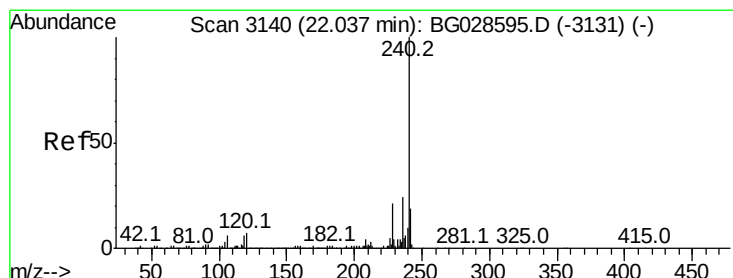
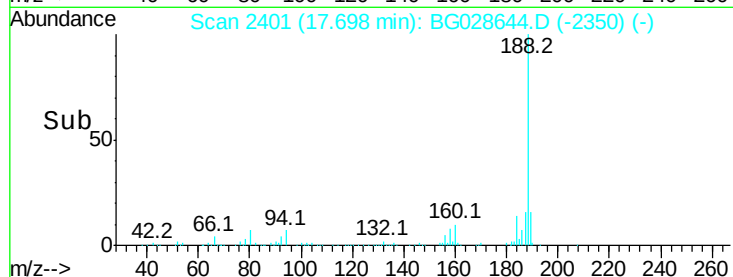
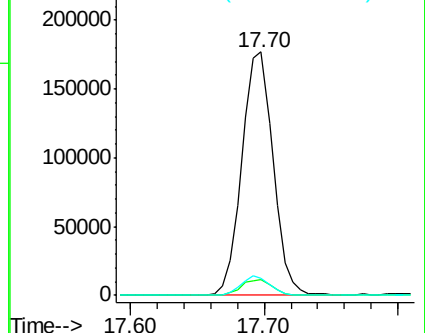
80 7.1 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028644.D

Acq: 11 Sep 2017 16:32

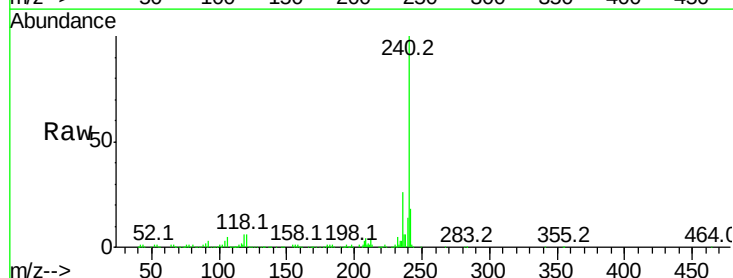
Tgt Ion:240 Resp: 319838

Ion Ratio Lower Upper

240 100

120 6.4 5.7 8.5

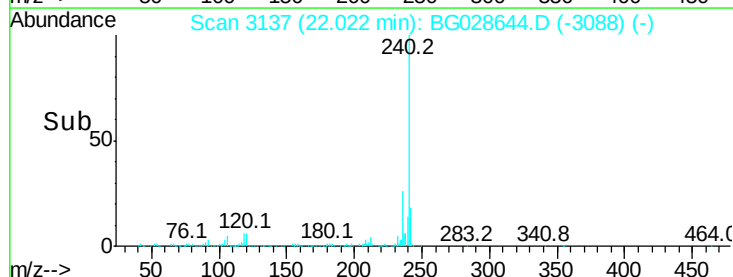
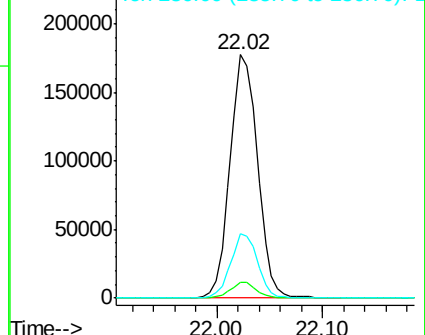
236 26.3 22.2 33.4

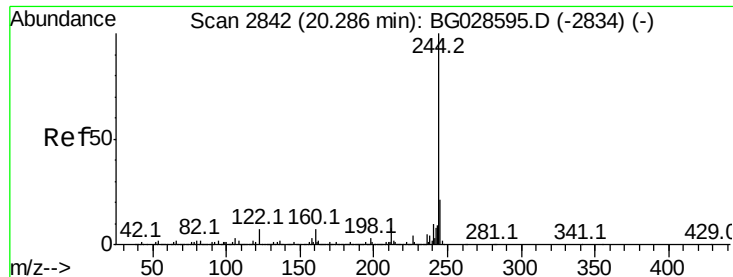


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 8.316 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028644.D

Acq: 11 Sep 2017 16:32

Instrument :

BNA_G

ClientSampleId :

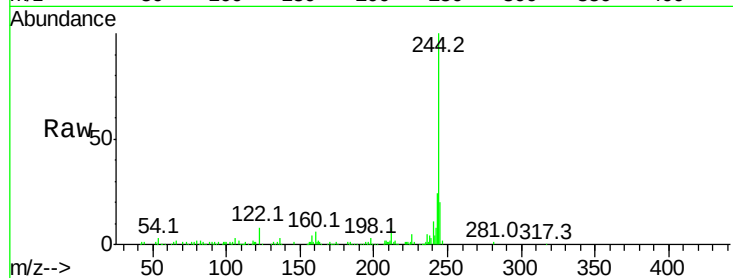
Tot Ion:244 Resp: 123455

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

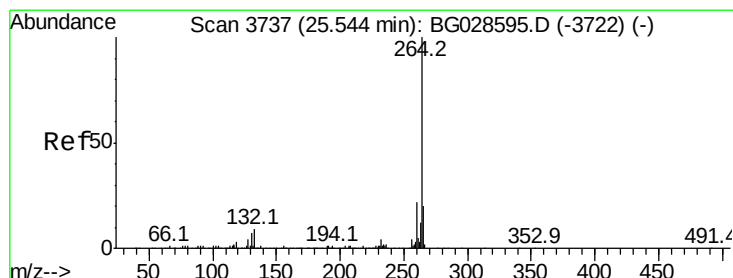
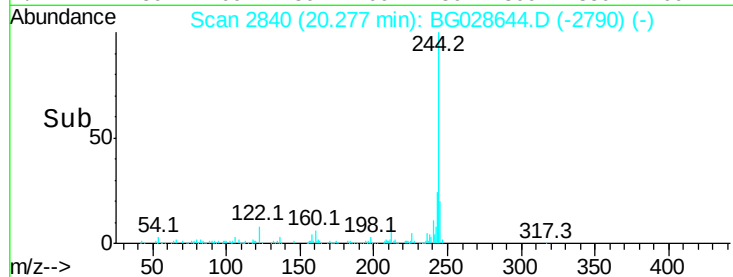
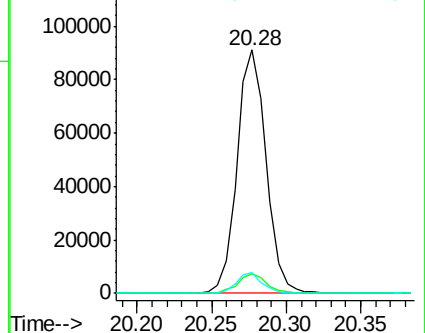
122 8.5 8.6 12.8#



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: 25.52 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG028644.D

Acq: 11 Sep 2017 16:32

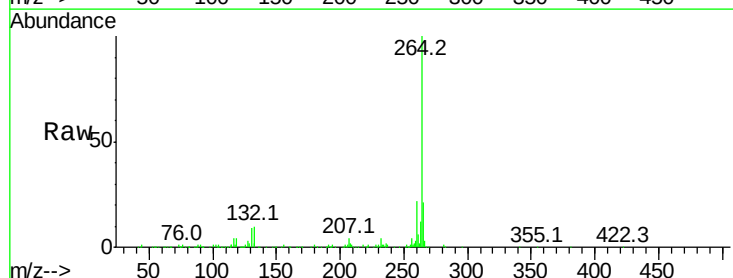
Tgt Ion:264 Resp: 323875

Ion Ratio Lower Upper

264 100

260 21.9 21.8 32.8

265 21.0 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

