

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
 Data File : BG035301.D
 Acq On : 21 Jun 2018 16:02
 Operator : JU/SJ
 Sample : J3575-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-D

Quant Time: Jun 21 16:41:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	49223	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	171880	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	121056	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	335909	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	357787	20.00	ng	-0.03
86) Perylene-d12	24.91	264	348730	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	417485	143.13	ng	0.00
7) Phenol-d6	7.22	99	524994	121.95	ng	0.00
23) Nitrobenzene-d5	9.22	82	421550	116.58	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	292338	188.65	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	920469	98.85	ng	-0.02
78) Terphenyl-d14	20.03	244	1775057	103.92	ng	-0.02

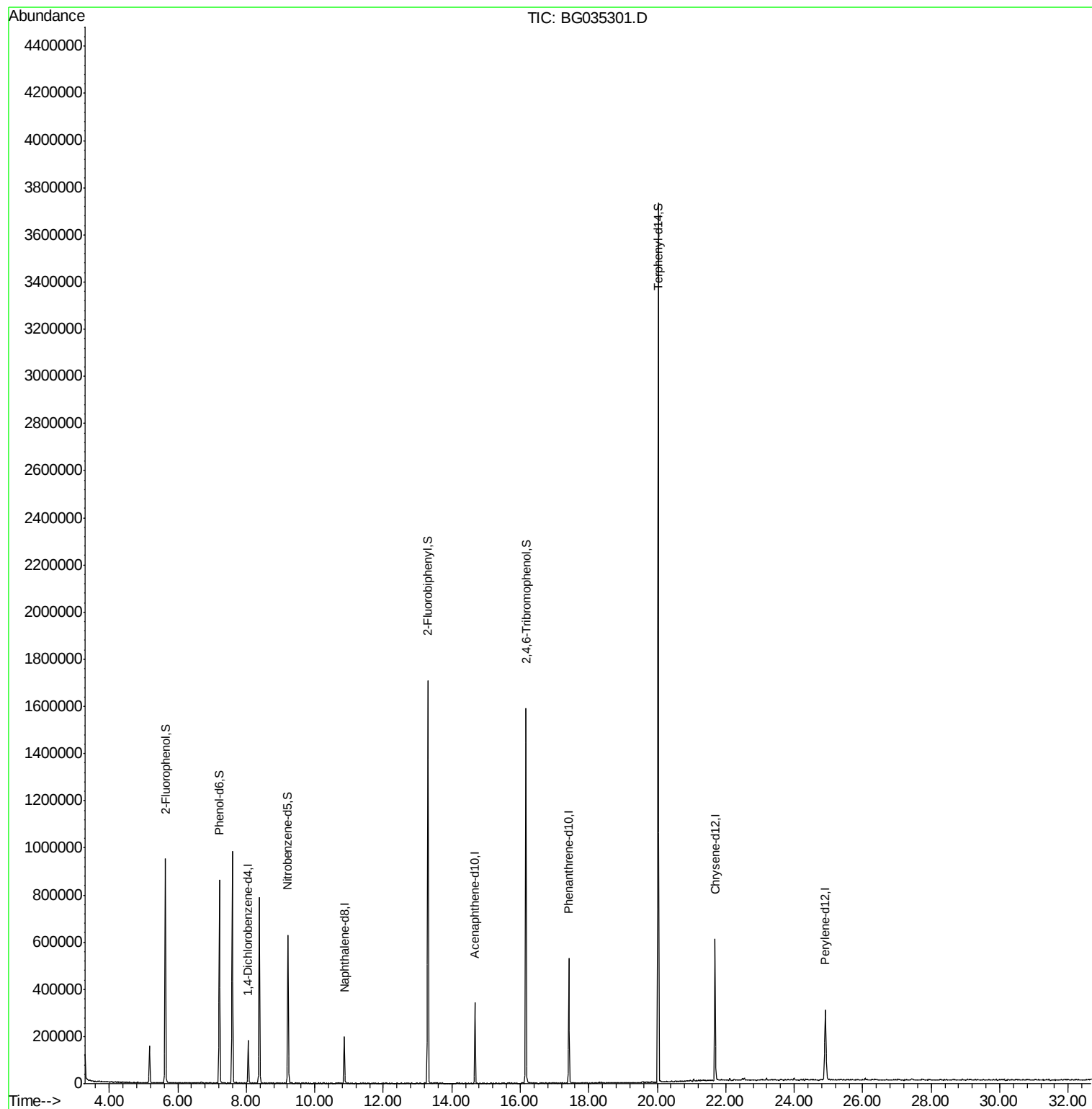
Target Compounds Qvalue

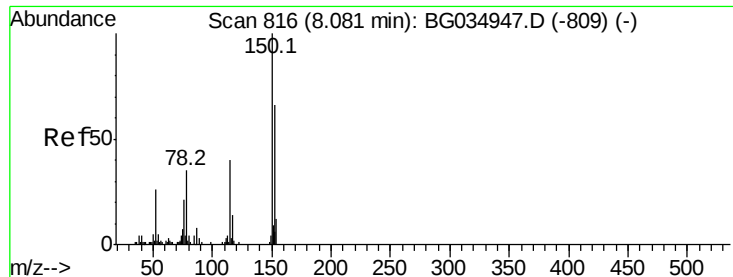
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.02 min

Lab File: BG035301.D

Acq: 21 Jun 2018 16:02

Instrument :

BNA_G

ClientSampleId :

TP-11-D

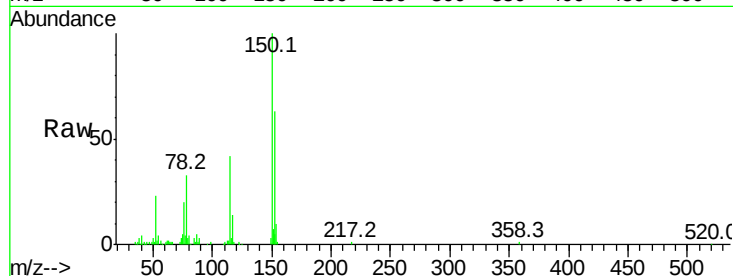
Tot Ion:152 Resp: 49223

Ion Ratio Lower Upper

152 100

150 158.9 126.6 189.8

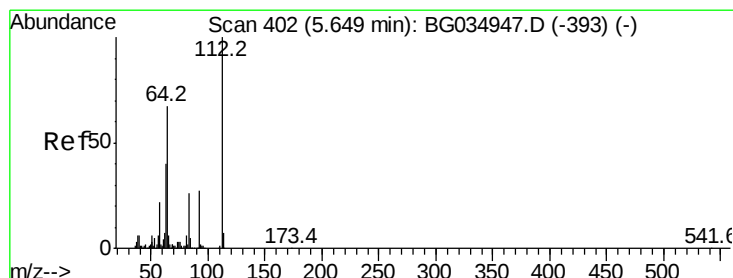
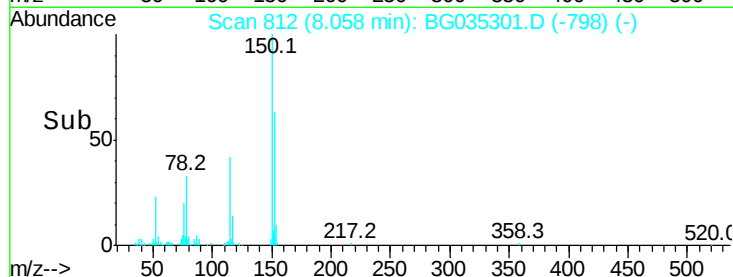
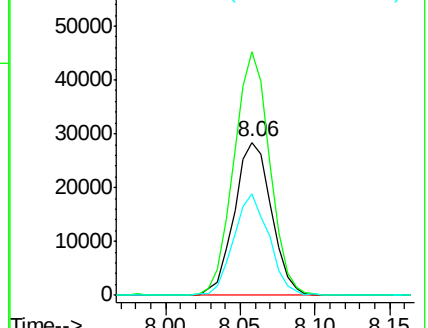
115 66.0 53.0 79.4



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



#5

2-Fluorophenol

Concen: 143.134 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG035301.D

Acq: 21 Jun 2018 16:02

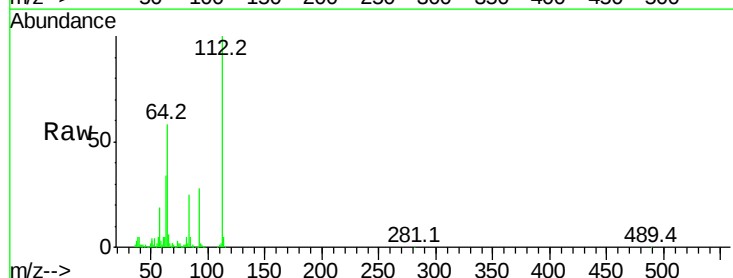
Tgt Ion:112 Resp: 417485

Ion Ratio Lower Upper

112 100

64 58.3 56.3 84.5

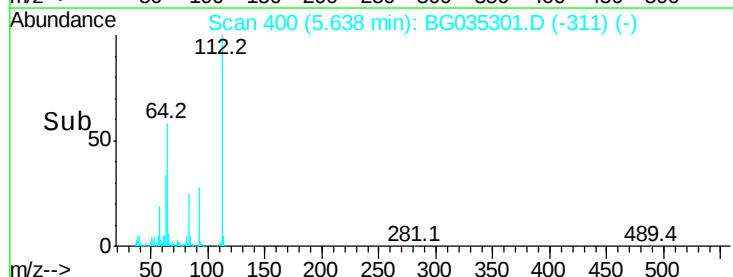
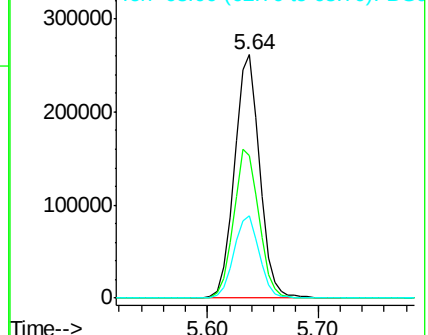
63 33.8 30.1 45.1

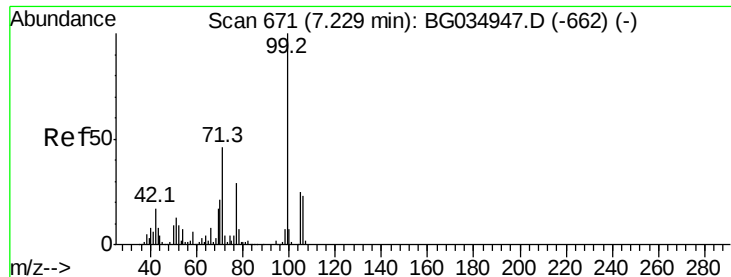


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 121.952 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035301.D

Acq: 21 Jun 2018 16:02

Instrument :

BNA_G

ClientSampleId :

TP-11-D

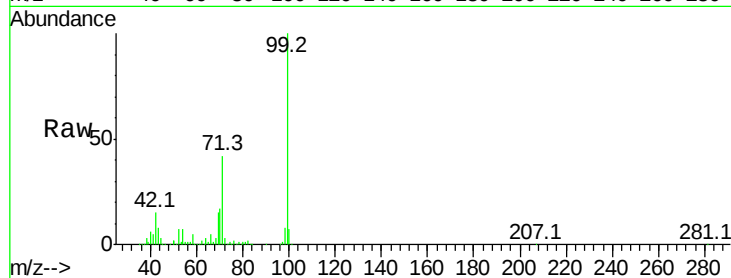
Tot Ion: 99 Resp: 524994

Ion Ratio Lower Upper

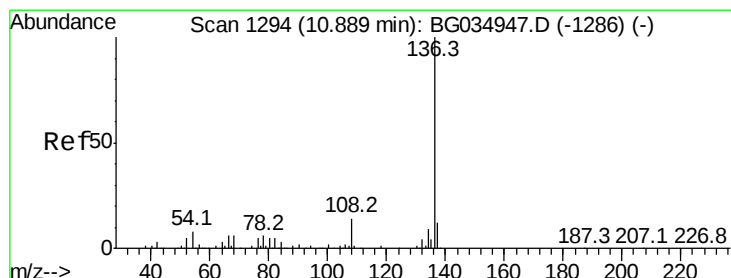
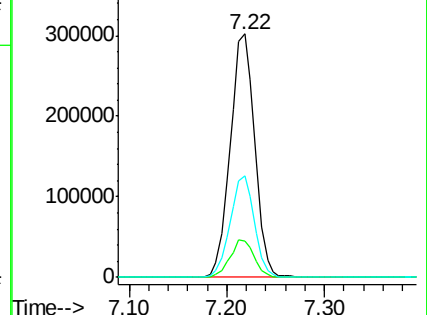
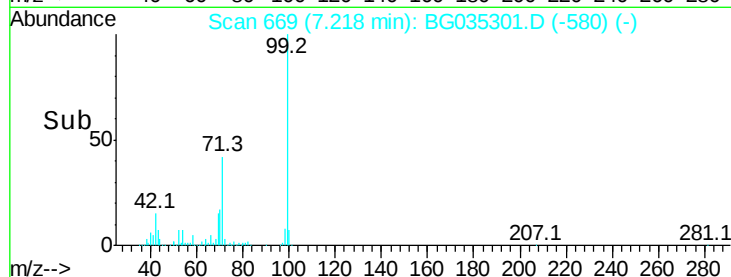
99 100

42 15.0 14.1 21.1

71 41.7 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: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035301.D

Acq: 21 Jun 2018 16:02

Tgt Ion: 136 Resp: 171880

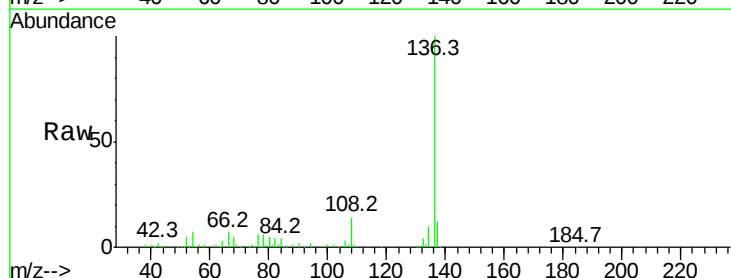
Ion Ratio Lower Upper

136 100

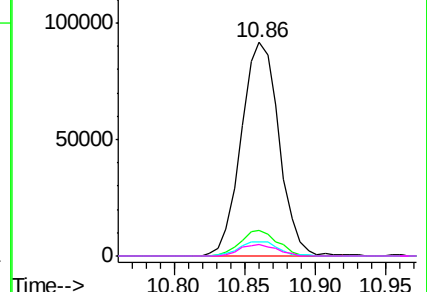
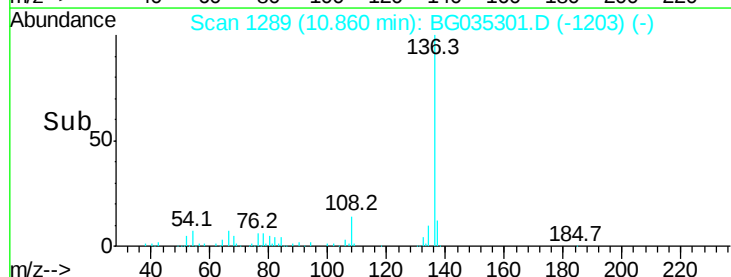
137 12.0 9.2 13.8

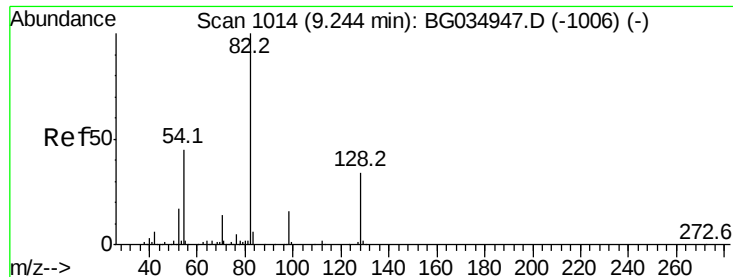
54 6.6 10.3 15.5#

68 5.1 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

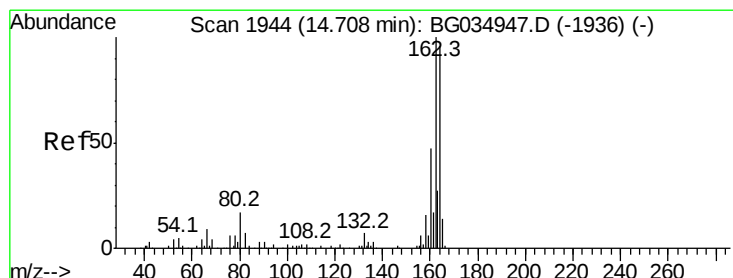
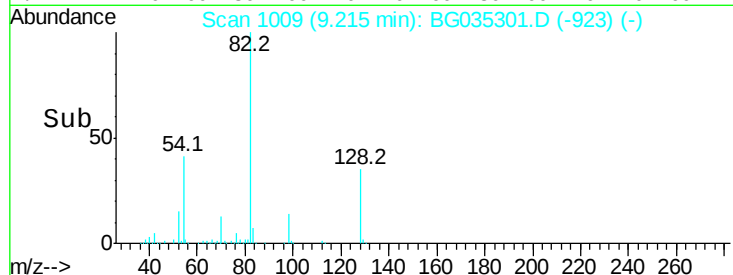
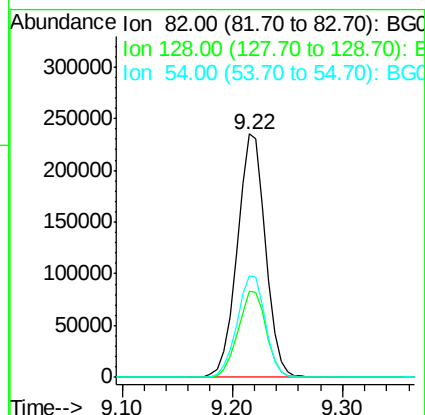
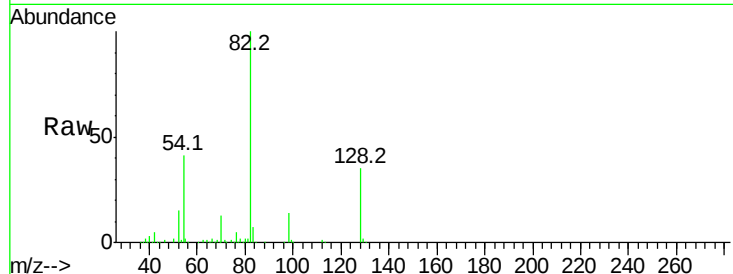




#23
Nitrobenzene-d5
Concen: 116.582 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035301.D
Acq: 21 Jun 2018 16:02

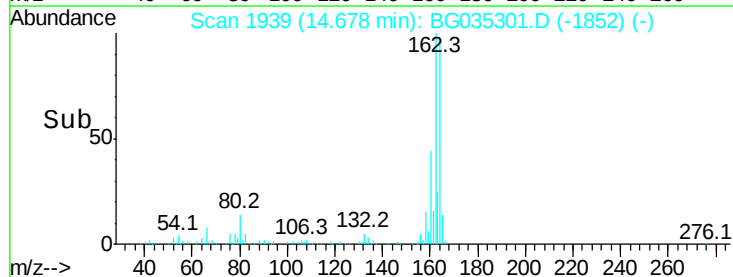
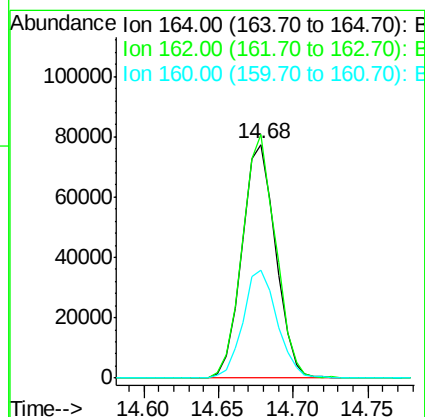
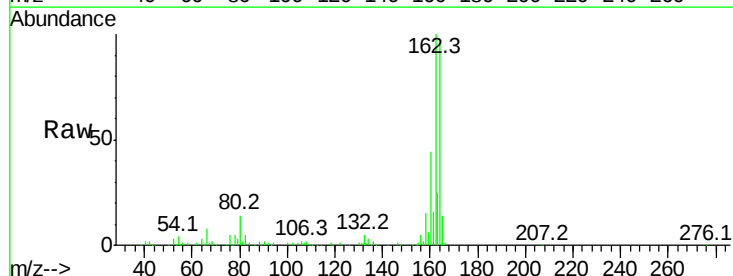
Instrument :
BNA_G
ClientSampleId :
TP-11-D

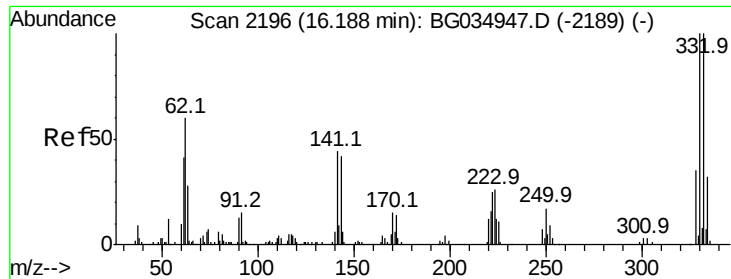
Tot Ion	82	Resp	421550
Ion Ratio	100	Lower	Upper
128	35.5	29.7	44.5
54	41.5	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035301.D
Acq: 21 Jun 2018 16:02

Tgt Ion	164	Resp	121056
Ion Ratio	100	Lower	Upper
162	104.1	78.8	118.2
160	45.9	35.4	53.0

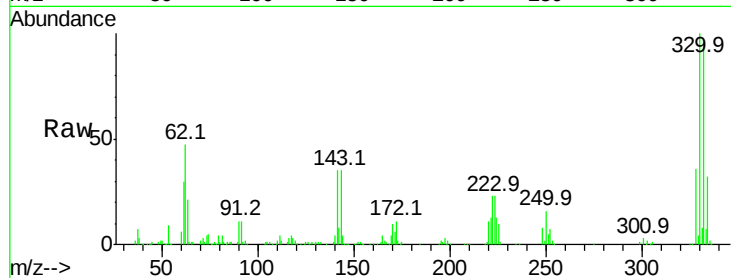




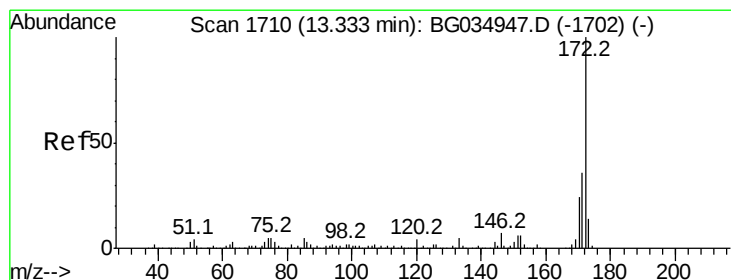
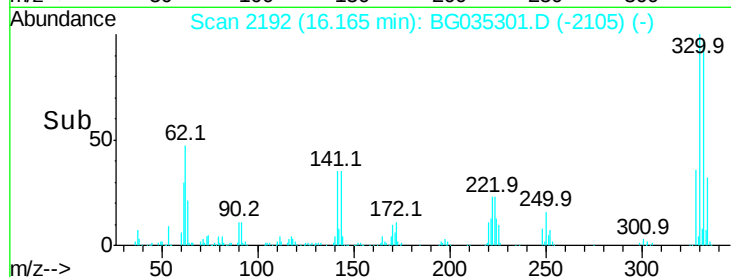
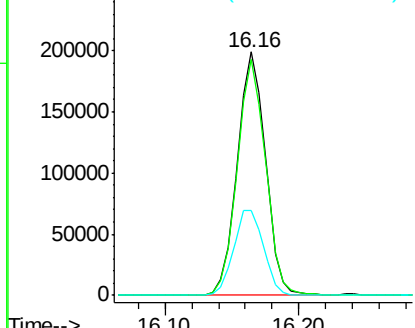
#41
 2,4,6-Tribromophenol
 Concen: 188.645 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035301.D
 Acq: 21 Jun 2018 16:02

Instrument :
 BNA_G
 ClientSampled :
 TP-11-D

Tot Ion:330 Resp: 292338
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 37.2 25.2 37.8

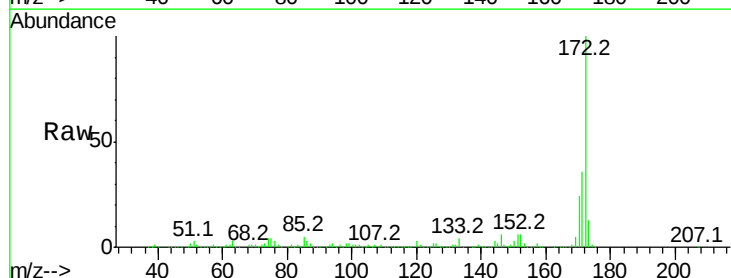


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

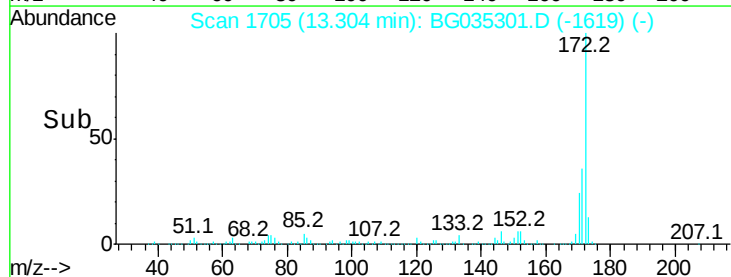
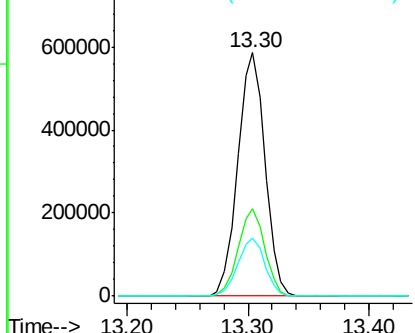


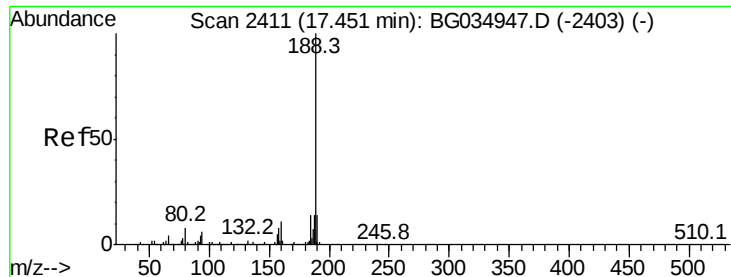
#44
 2-Fluorobiphenyl
 Concen: 98.847 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035301.D
 Acq: 21 Jun 2018 16:02

Tgt Ion:172 Resp: 920469
 Ion Ratio Lower Upper
 172 100
 171 35.8 30.0 45.0
 170 23.6 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

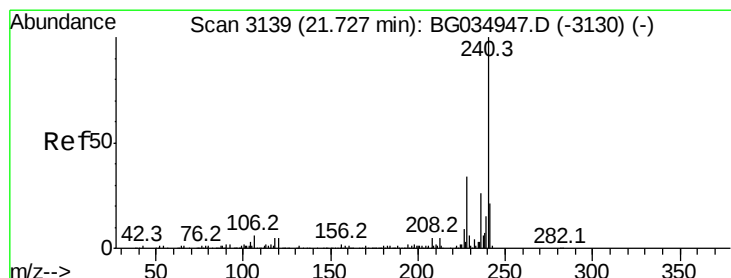
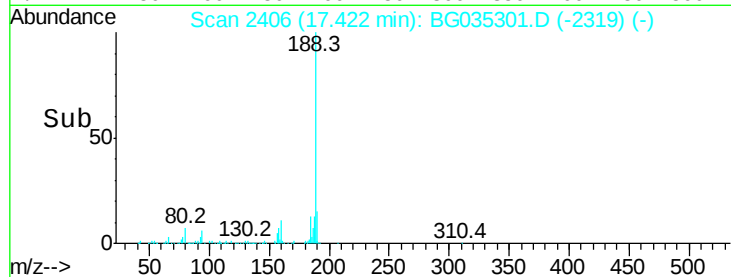
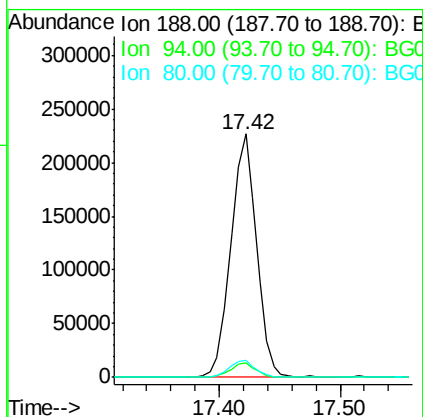
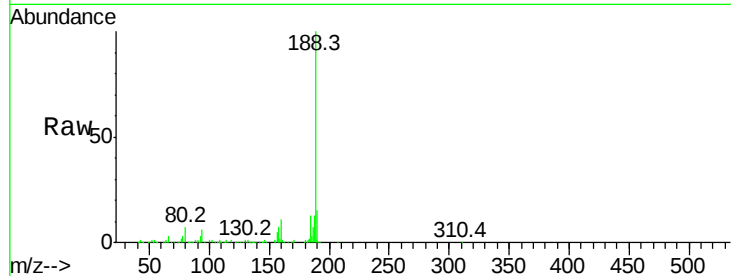




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035301.D
Acq: 21 Jun 2018 16:02

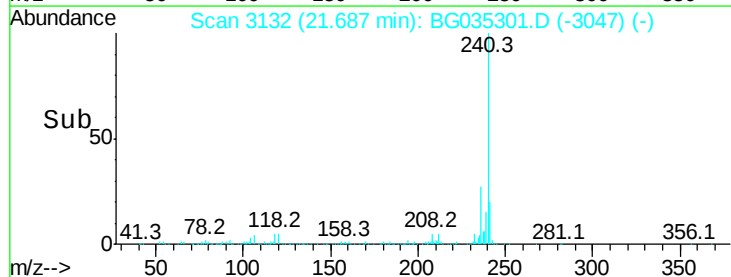
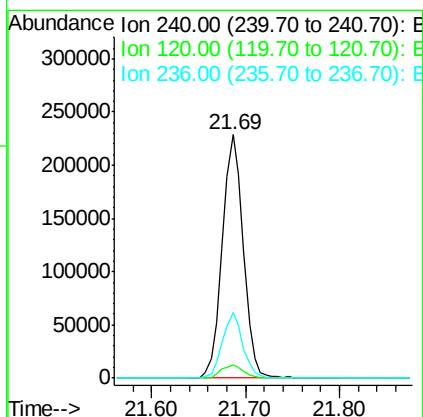
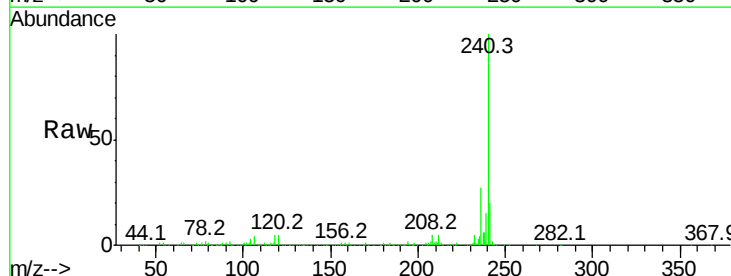
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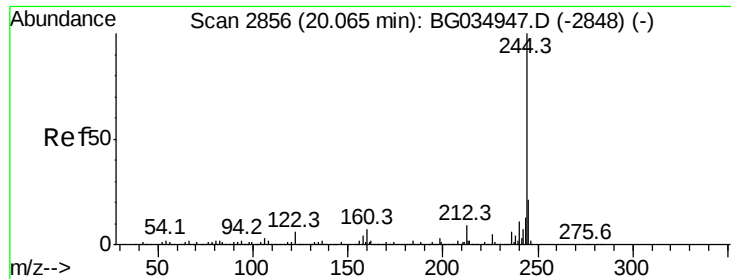
Tot Ion:188 Resp: 335909
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 7.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035301.D
Acq: 21 Jun 2018 16:02

Tgt Ion:240 Resp: 357787
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 26.8 20.9 31.3

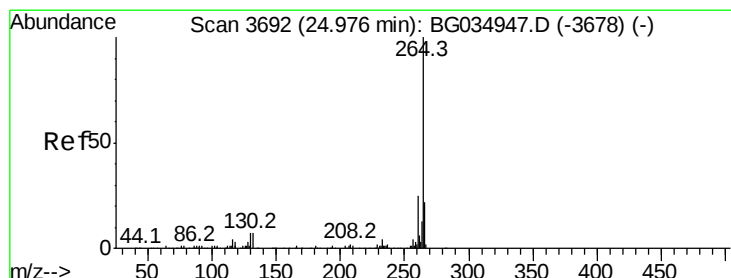
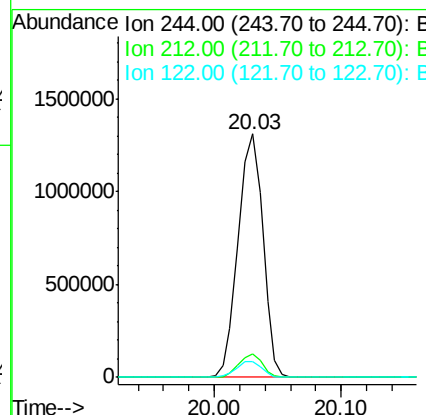
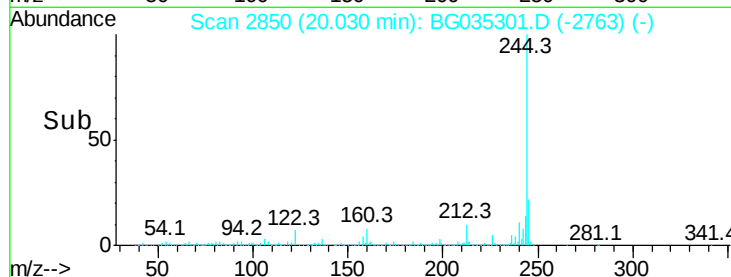
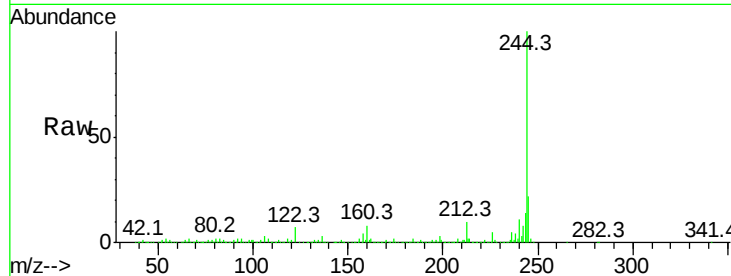




#78
 Terphenyl-d14
 Concen: 103.921 ng
 RT: 20.03 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BG035301.D
 Acq: 21 Jun 2018 16:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-D

Tot Ion:244 Resp: 1775057
 Ion Ratio Lower Upper
 244 100
 212 9.7 5.8 8.8#
 122 6.5 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3680
 Delta R.T. -0.05 min
 Lab File: BG035301.D
 Acq: 21 Jun 2018 16:02

Tgt Ion:264 Resp: 348730
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.4 26.0
 265 22.0 17.7 26.5

