

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
 Data File : BG036990.D
 Acq On : 26 Sep 2018 20:29
 Operator : JU/SJ
 Sample : J5081-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-D

Quant Time: Sep 27 08:38:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

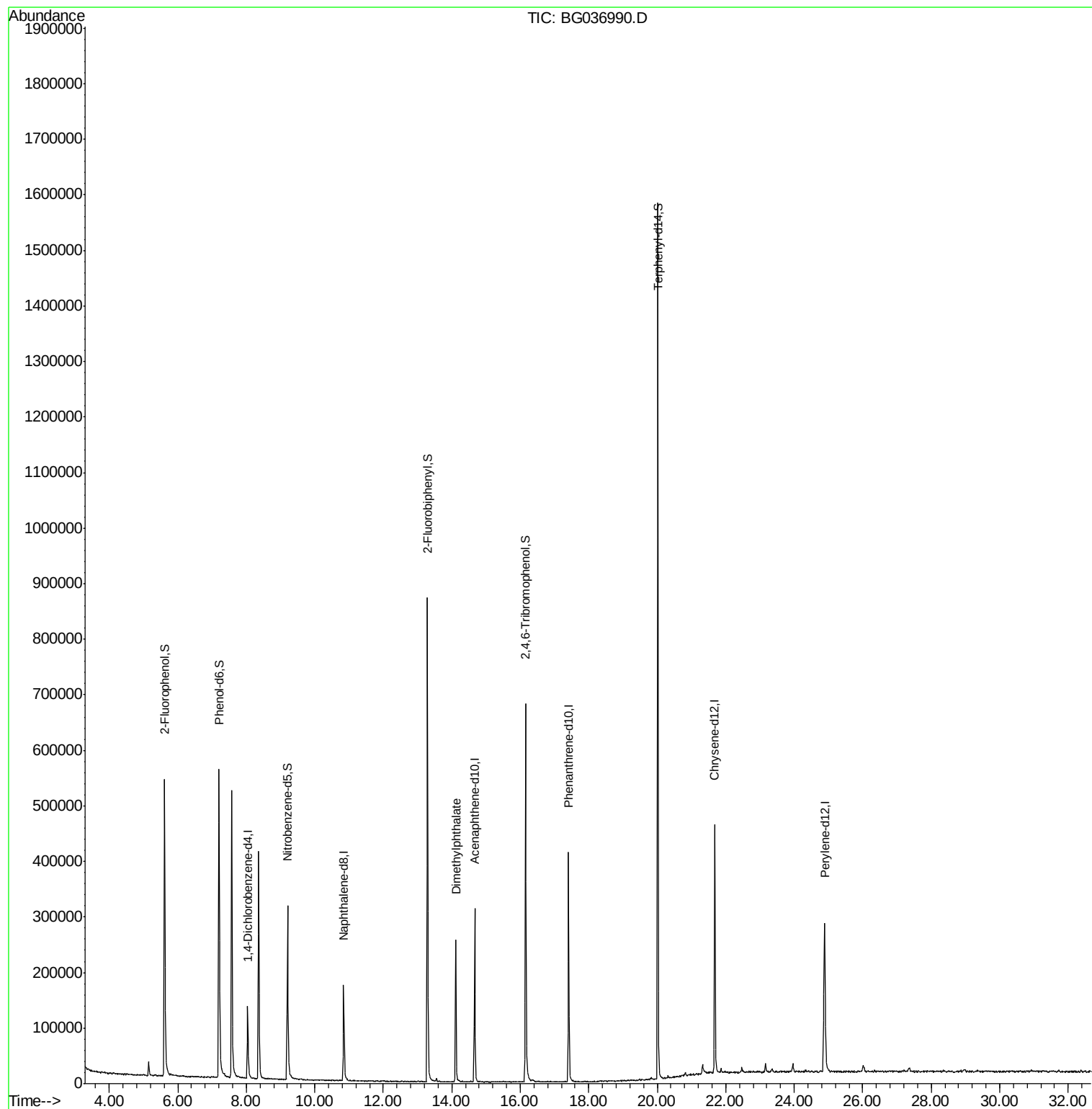
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	42035	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	175136	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	113737	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	287409	20.00	ng	0.00
75) Chrysene-d12	21.68	240	306268	20.00	ng	-0.01
86) Perylene-d12	24.89	264	298948	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	256919	117.22	ng	0.00
7) Phenol-d6	7.20	99	367997	108.52	ng	-0.01
23) Nitrobenzene-d5	9.20	82	239929	73.36	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	138955	102.11	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	500921	65.60	ng	-0.01
78) Terphenyl-d14	20.02	244	818283	70.25	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	194993	21.299	ng	Qvalue 99

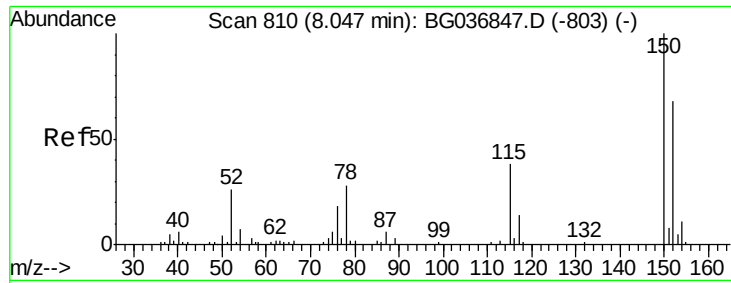
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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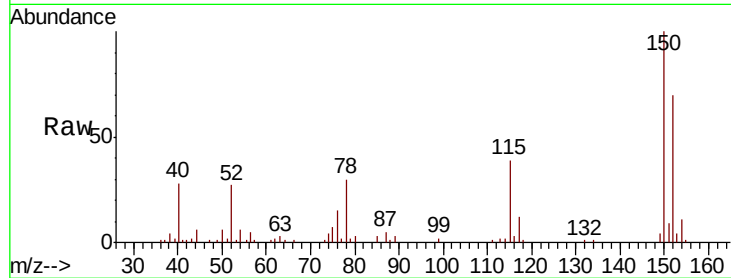


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BG036990.D
 Acq: 26 Sep 2018 20:29

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.1	119.5	179.3
115	55.8	44.5	66.7

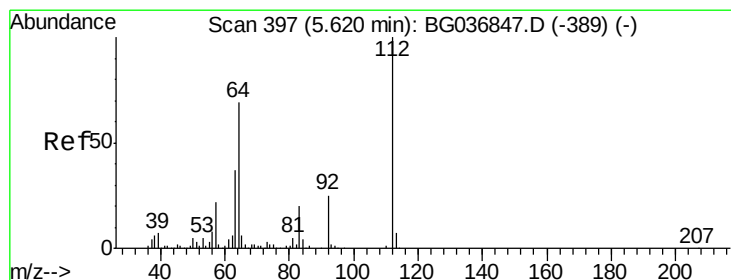
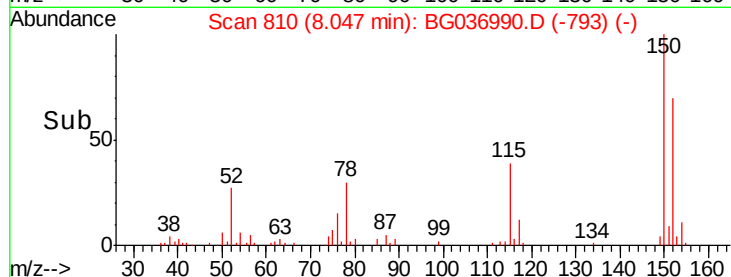
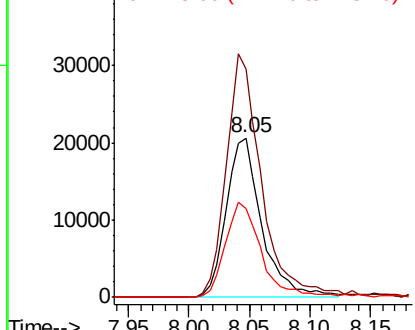


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

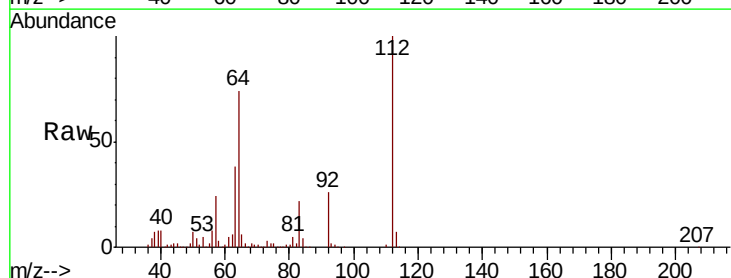
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 117.215 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG036990.D
 Acq: 26 Sep 2018 20:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.8	57.2	85.8
63	37.8	30.8	46.2

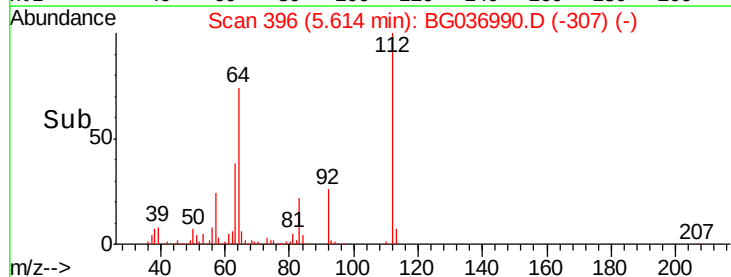
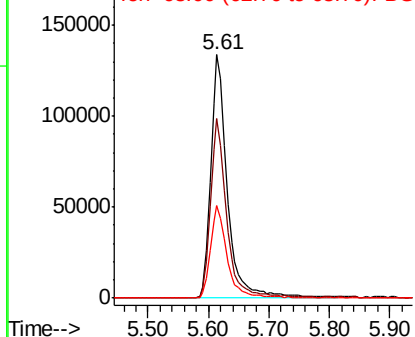


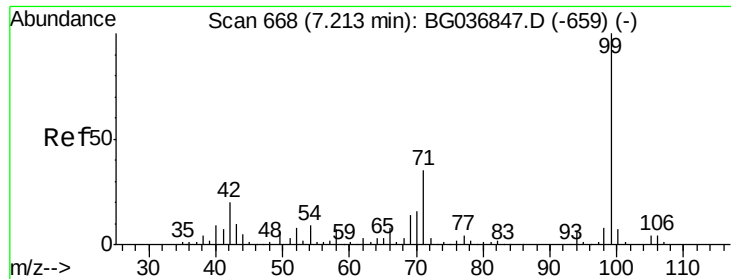
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 108.516 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036990.D

Acq: 26 Sep 2018 20:29

Instrument :

BNA_G

ClientSampled :

TP-2-D

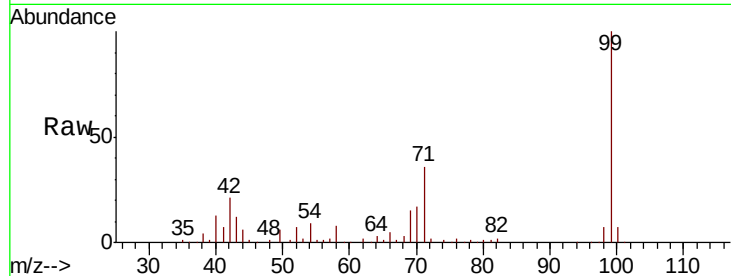
Tot Ion: 99 Resp: 367997

Ion Ratio Lower Upper

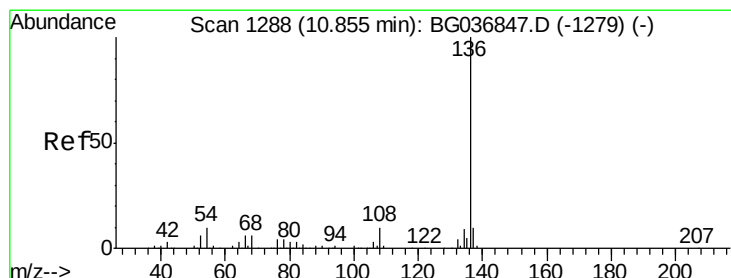
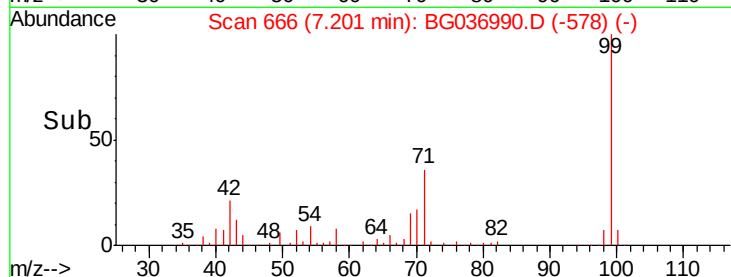
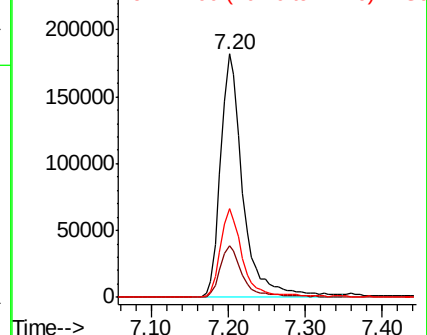
99 100

42 21.5 16.5 24.7

71 36.4 29.4 44.2



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: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG036990.D

Acq: 26 Sep 2018 20:29

Tgt Ion: 136 Resp: 175136

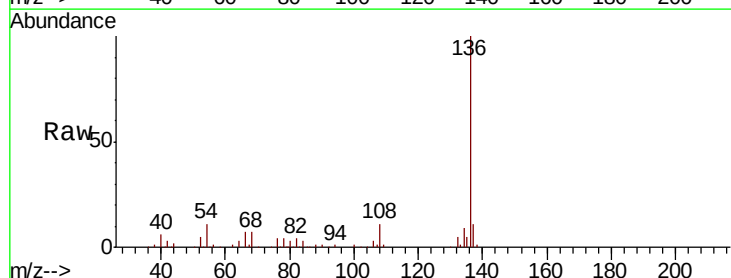
Ion Ratio Lower Upper

136 100

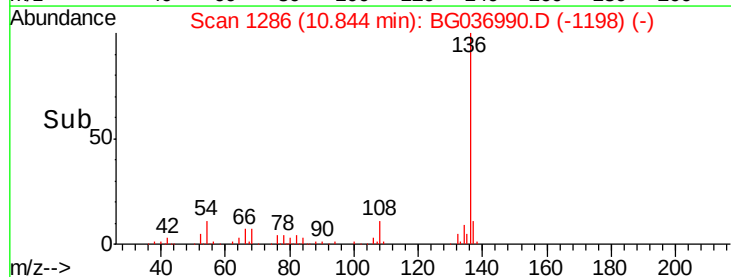
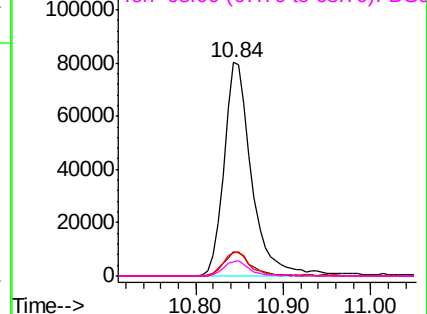
137 11.3 8.8 13.2

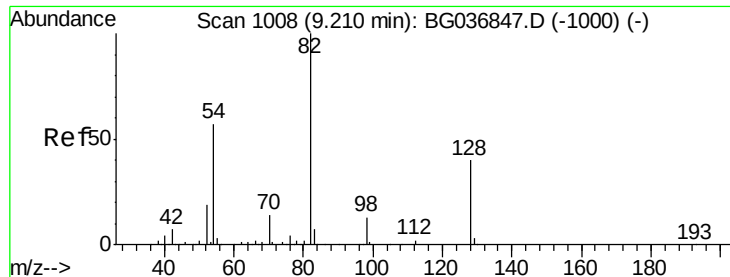
54 10.5 9.2 13.8

68 6.7 5.8 8.6



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

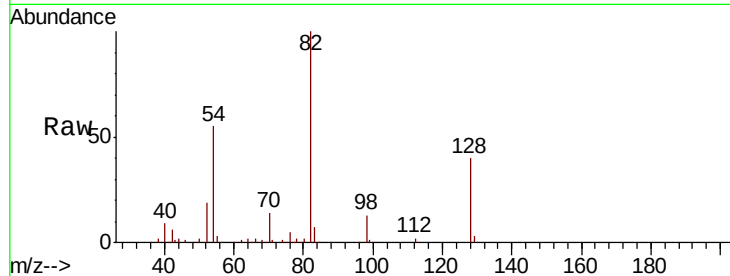




#23
 Nitrobenzene-d5
 Concen: 73.363 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG036990.D
 Acq: 26 Sep 2018 20:29

Instrument :
 BNA_G
 ClientSampled :
 TP-2-D

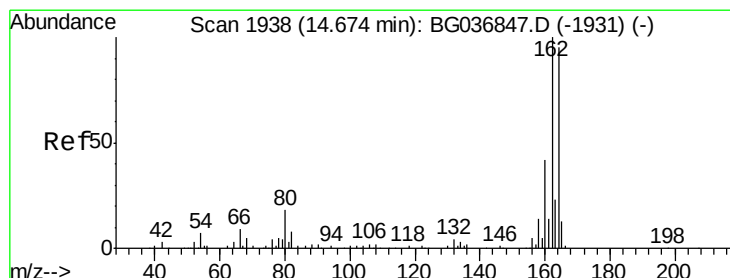
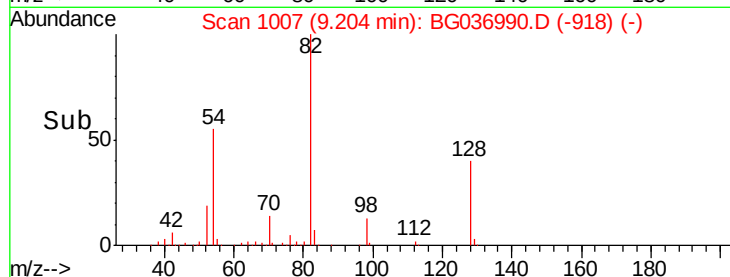
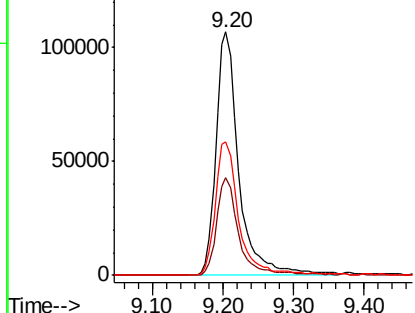
Tot Ion	82	Resp	239929
Ion Ratio	Lower	Upper	
82	100		
128	40.3	33.3	49.9
54	55.0	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BG036847.D (-1000) (-)

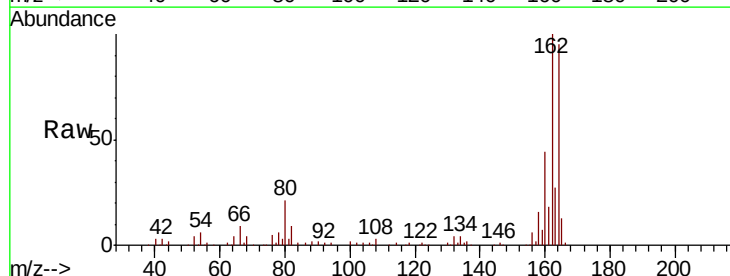
Ion 128.00 (127.70 to 128.70): BG036847.D (-1000) (-)

Ion 54.00 (53.70 to 54.70): BG036847.D (-1000) (-)



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BG036990.D
 Acq: 26 Sep 2018 20:29

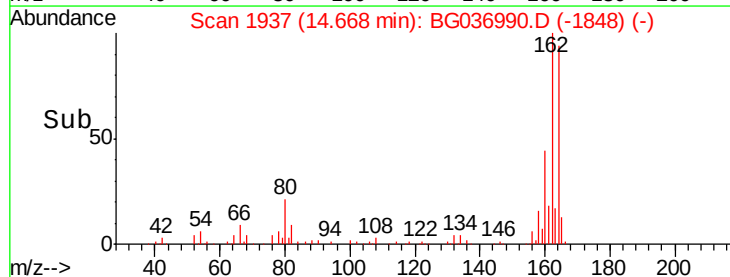
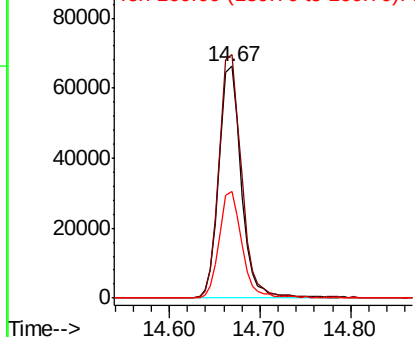
Tgt Ion	164	Resp	113737
Ion Ratio	Lower	Upper	
164	100		
162	105.1	80.7	121.1
160	46.0	35.3	52.9

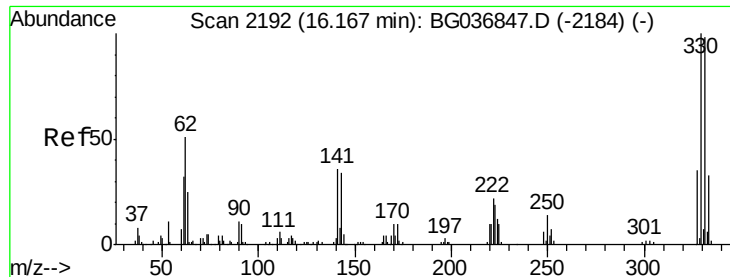


Abundance Ion 164.00 (163.70 to 164.70): BG036847.D (-1931) (-)

Ion 162.00 (161.70 to 162.70): BG036847.D (-1931) (-)

Ion 160.00 (159.70 to 160.70): BG036847.D (-1931) (-)





#41

2,4,6-Tribromophenol

Concen: 102.113 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036990.D

Acq: 26 Sep 2018 20:29

Instrument :

BNA_G

ClientSampleId :

TP-2-D

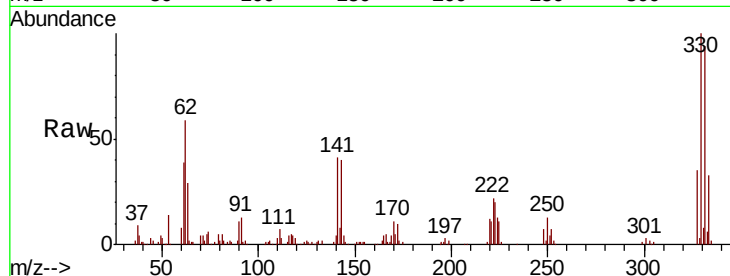
Tot Ion:330 Resp: 138955

Ion Ratio Lower Upper

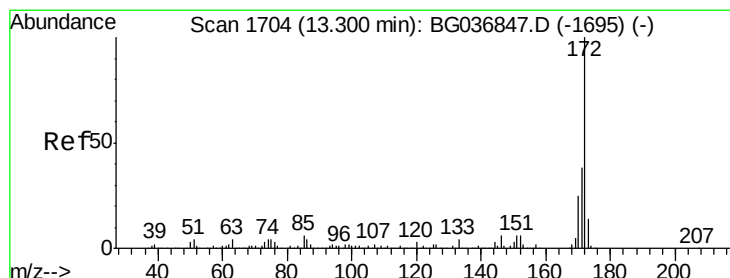
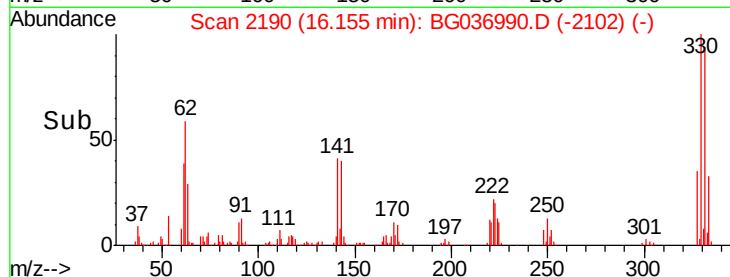
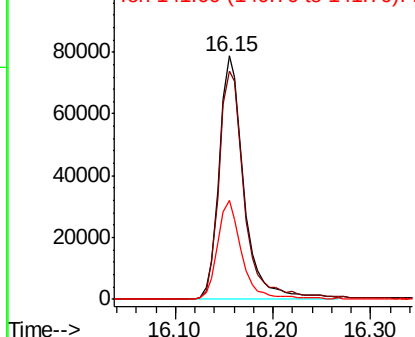
330 100

332 97.3 75.4 113.2

141 40.4 30.7 46.1



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: 65.596 ng

RT: 13.29 min Scan# 1702

Delta R.T. -0.01 min

Lab File: BG036990.D

Acq: 26 Sep 2018 20:29

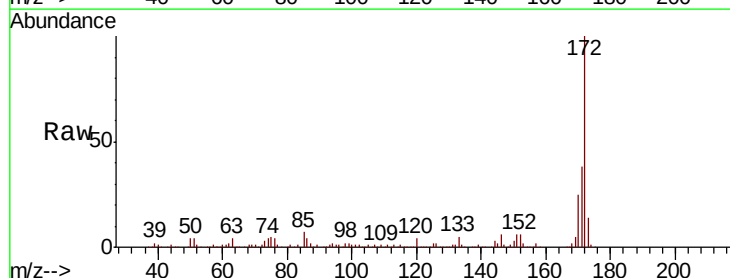
Tgt Ion:172 Resp: 500921

Ion Ratio Lower Upper

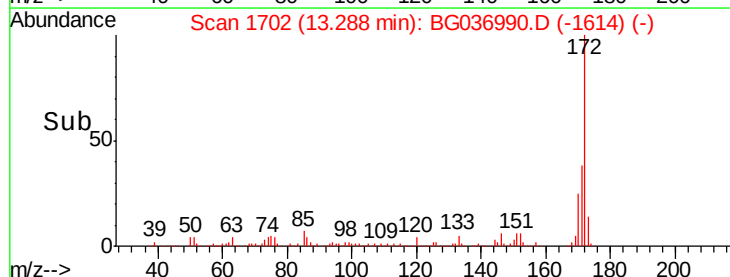
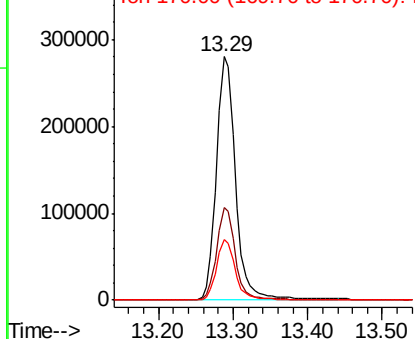
172 100

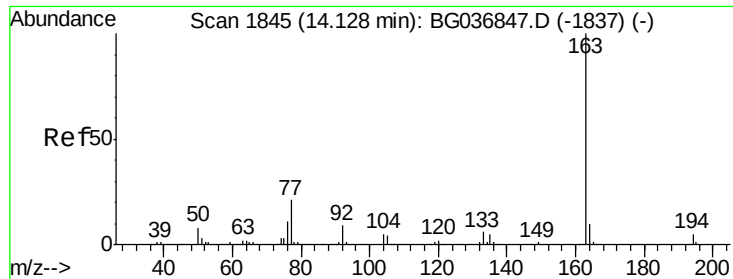
171 38.2 31.3 46.9

170 24.7 21.0 31.6



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





#49

Dimethylphthalate

Concen: 21.299 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG036990.D

Acq: 26 Sep 2018 20:29

Instrument :

BNA_G

ClientSampleId :

TP-2-D

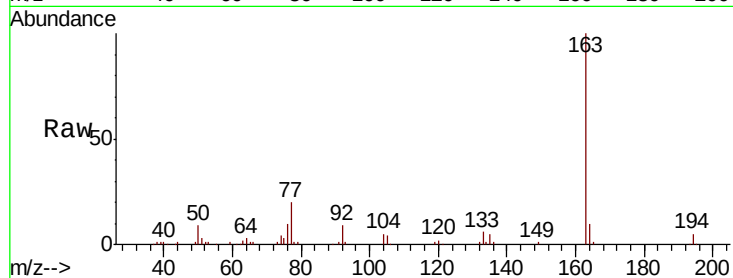
Tot Ion:163 Resp: 194993

Ion Ratio Lower Upper

163 100

194 4.7 4.0 6.0

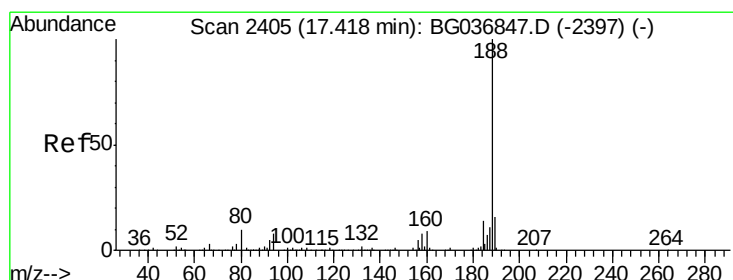
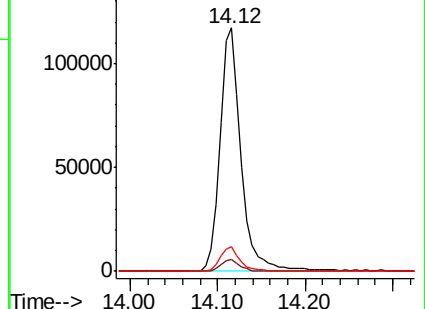
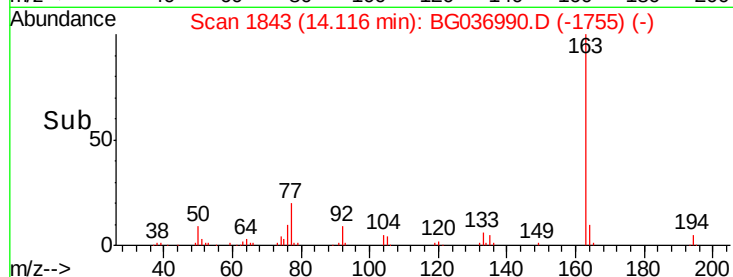
164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG036990.D

Acq: 26 Sep 2018 20:29

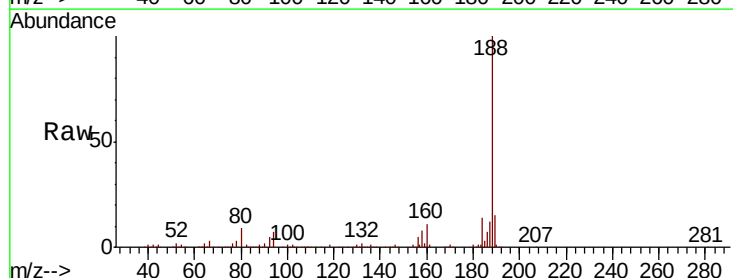
Tgt Ion:188 Resp: 287409

Ion Ratio Lower Upper

188 100

94 7.4 6.7 10.1

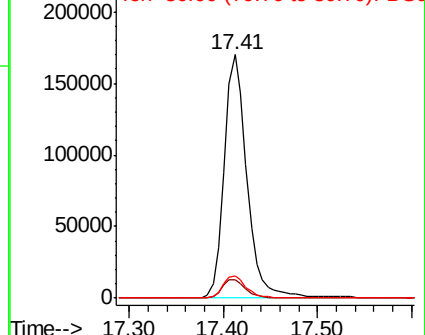
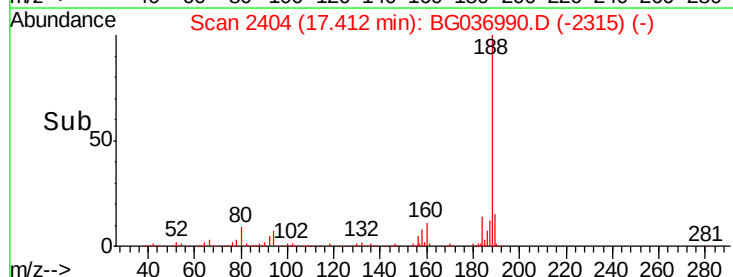
80 9.1 8.1 12.1

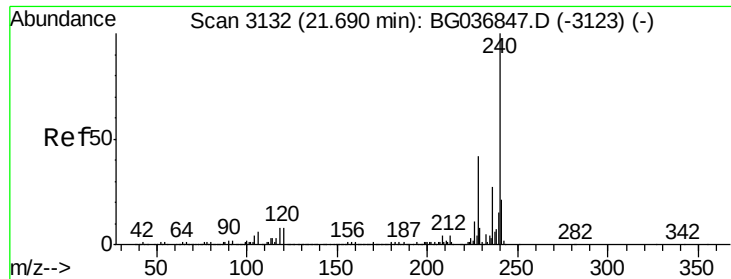


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036990.D

Acq: 26 Sep 2018 20:29

Instrument :

BNA_G

ClientSampleId :

TP-2-D

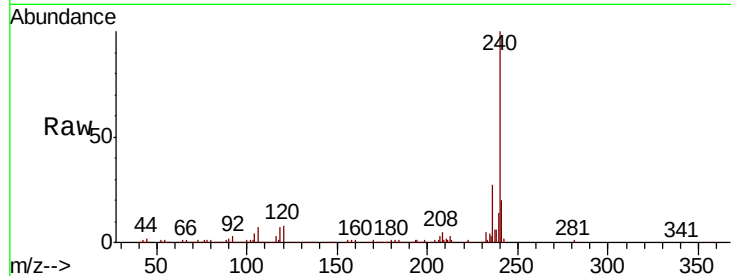
Tot Ion:240 Resp: 306268

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

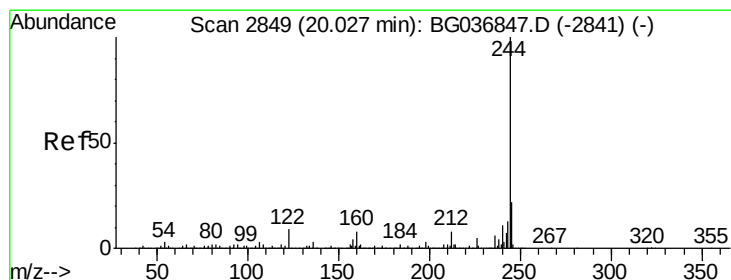
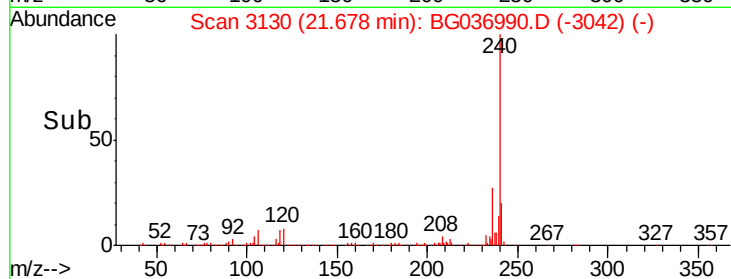
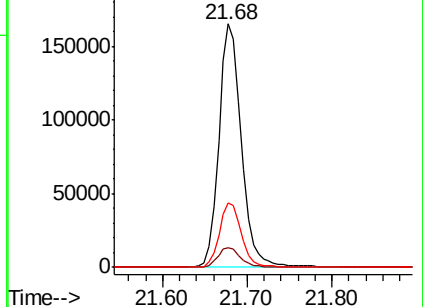
236 26.6 21.2 31.8



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: 70.254 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036990.D

Acq: 26 Sep 2018 20:29

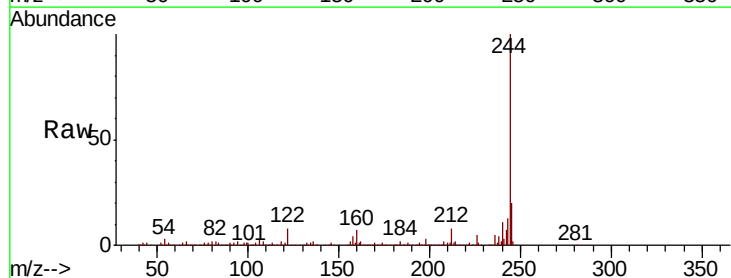
Tgt Ion:244 Resp: 818283

Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.6

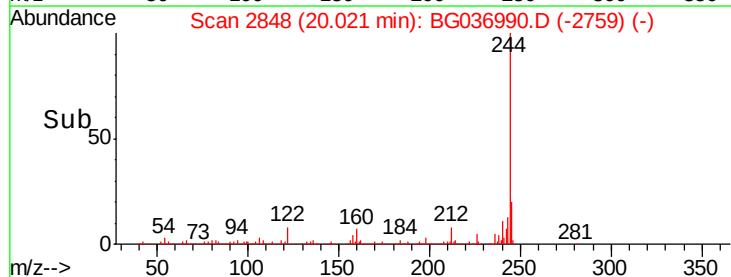
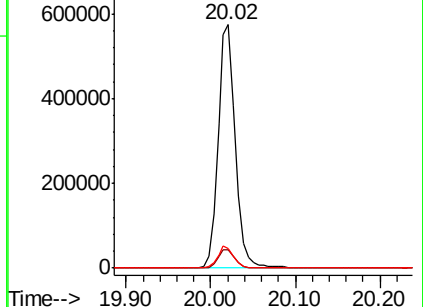
122 8.1 7.1 10.7

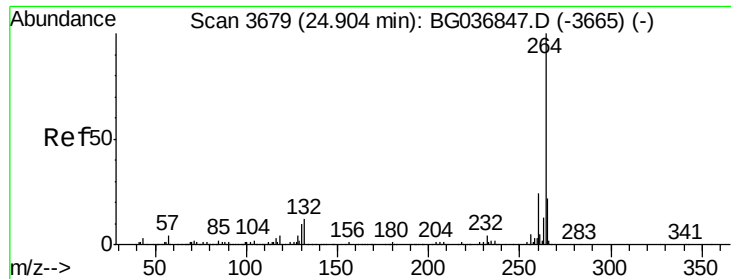


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

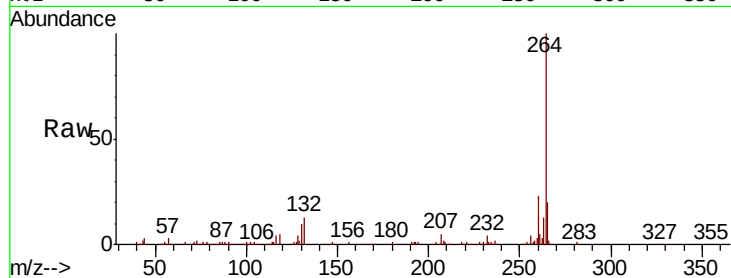




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036990.D
Acq: 26 Sep 2018 20:29

Instrument :
BNA_G
ClientSampleId :
TP-2-D

Tot Ion:	264	Resp:	298948
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	20.3	17.4	26.0



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

