

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
 Data File : BG037005.D
 Acq On : 27 Sep 2018 6:52
 Operator : JU/SJ
 Sample : J5081-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-D

Quant Time: Sep 27 08:54:16 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	8.04	152	41647	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	169070	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	104434	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	259099	20.00	ng	0.00
75) Chrysene-d12	21.68	240	274844	20.00	ng	-0.01
86) Perylene-d12	24.88	264	262307	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	264908	121.99	ng	0.00
7) Phenol-d6	7.20	99	330470	98.36	ng	-0.01
23) Nitrobenzene-d5	9.20	82	282637	89.52	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	134401	107.56	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	600812	85.69	ng	-0.01
78) Terphenyl-d14	20.02	244	1022704	97.84	ng	0.00

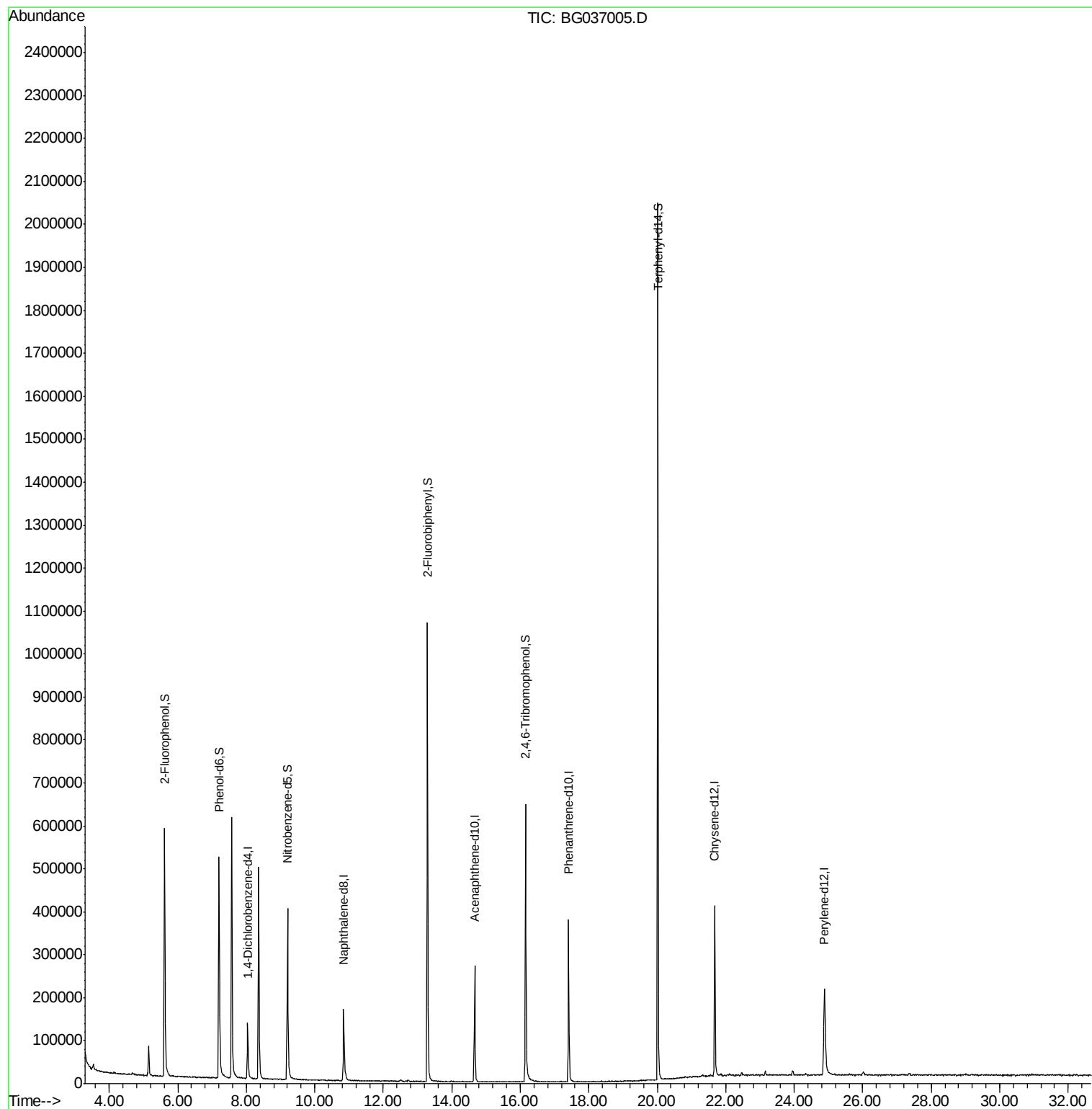
Target Compounds Qvalue

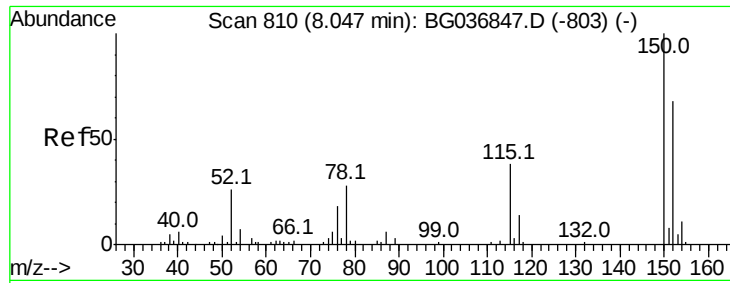
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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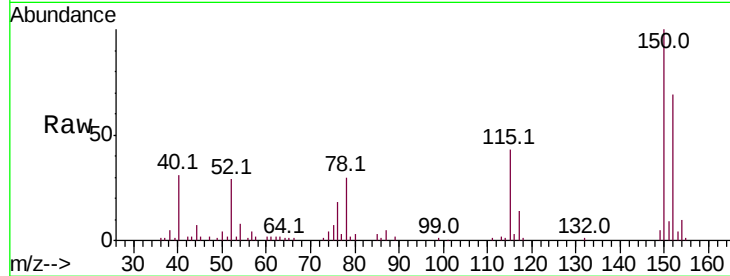


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037005.D
Acq: 27 Sep 2018 6:52

Instrument :
BNA_G
ClientSampleId :
TP-1-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.1	119.5	179.3
115	61.8	44.5	66.7

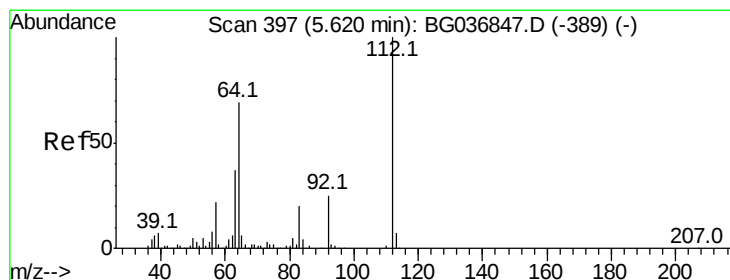
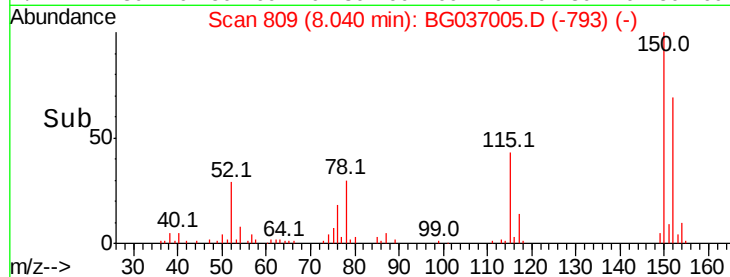
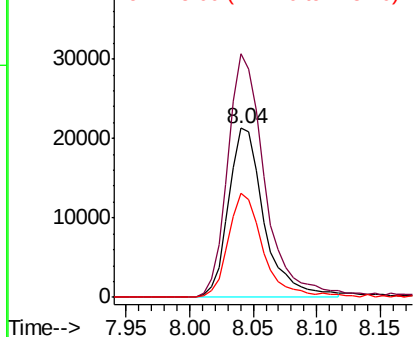


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

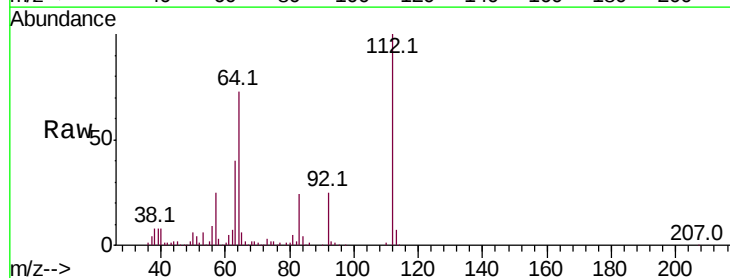
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.986 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037005.D
Acq: 27 Sep 2018 6:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.1	57.2	85.8
63	39.7	30.8	46.2

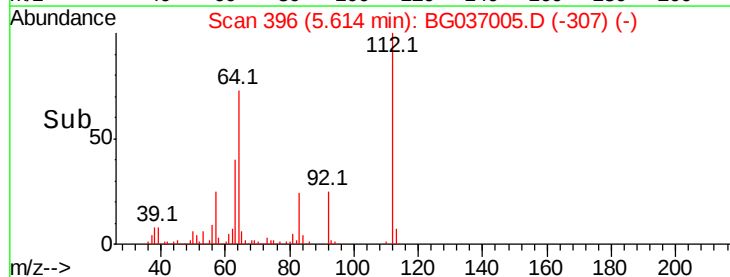
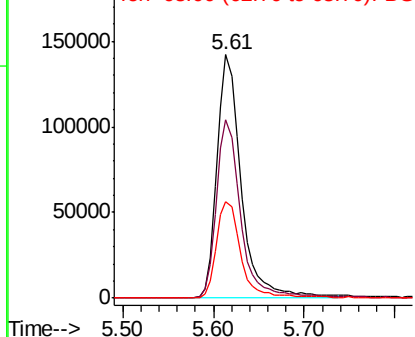


Abundance

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: 98.358 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037005.D

Acq: 27 Sep 2018 6:52

Instrument :

BNA_G

ClientSampleId :

TP-1-D

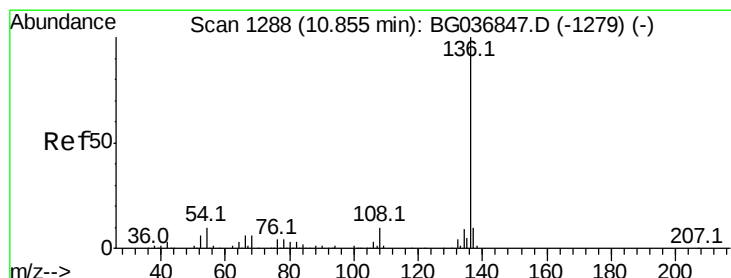
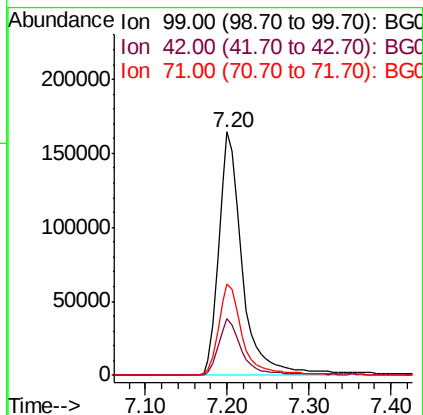
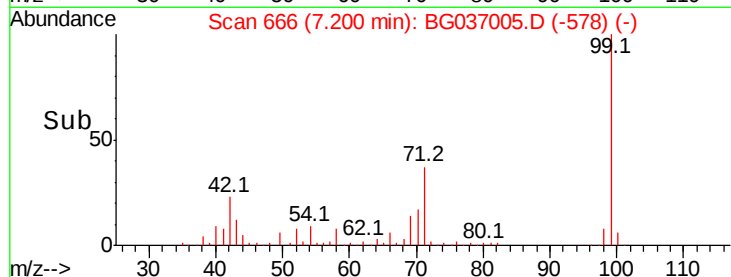
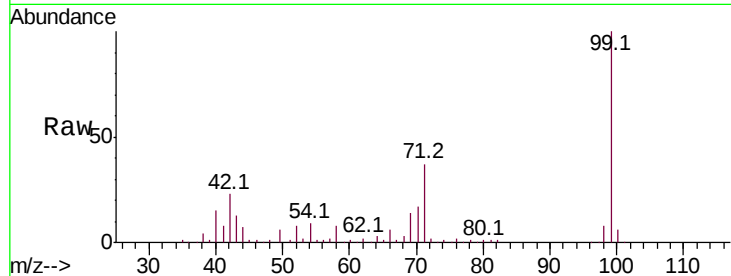
Tot Ion: 99 Resp: 330470

Ion Ratio Lower Upper

99 100

42 23.1 16.5 24.7

71 37.3 29.4 44.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037005.D

Acq: 27 Sep 2018 6:52

Tgt Ion: 136 Resp: 169070

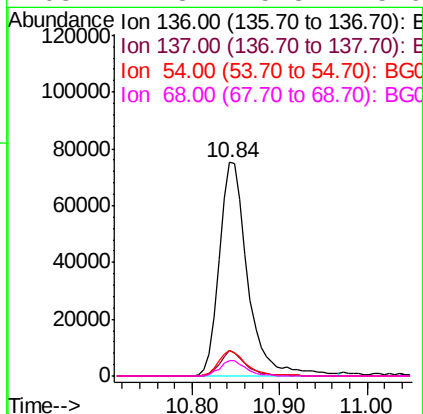
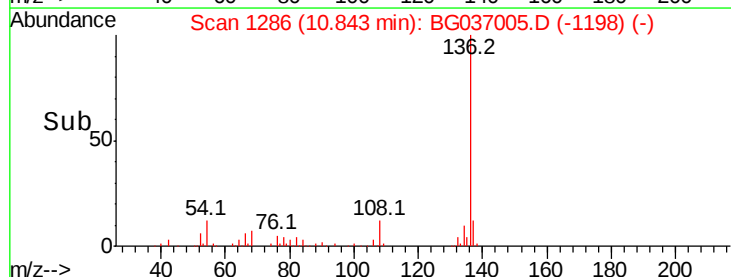
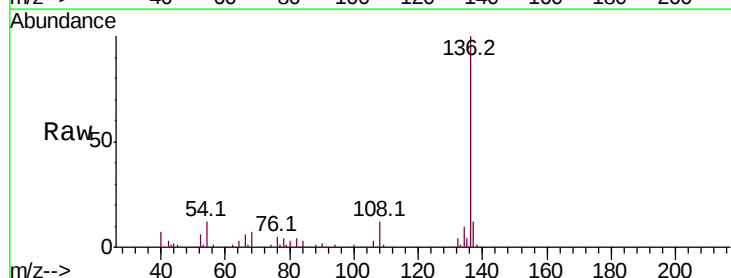
Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

54 11.8 9.2 13.8

68 7.3 5.8 8.6

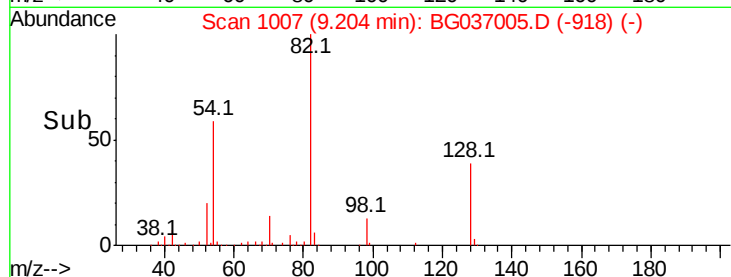
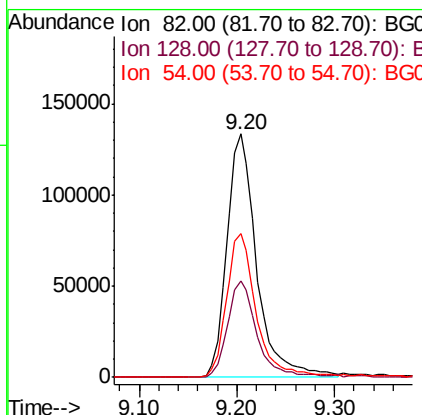
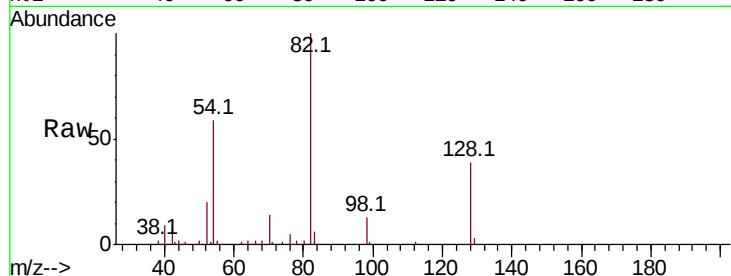




#23
Nitrobenzene-d5
Concen: 89.522 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037005.D
Acq: 27 Sep 2018 6:52

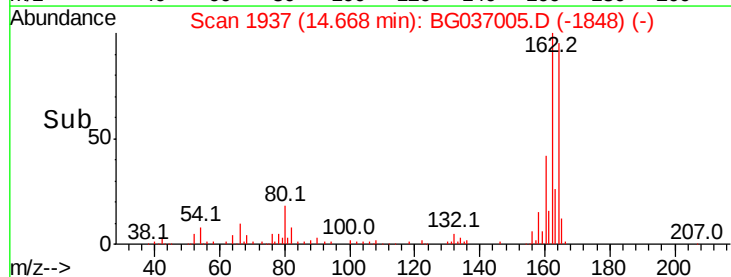
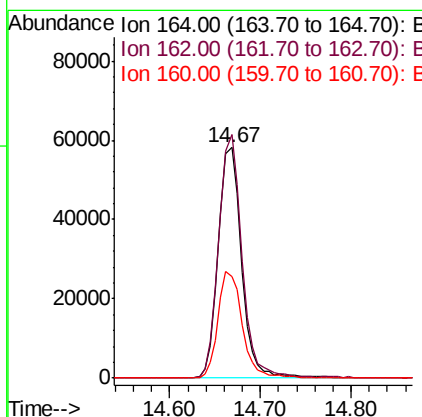
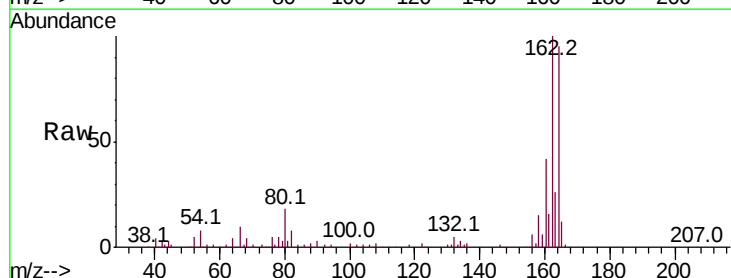
Instrument :
BNA_G
ClientSampleId :
TP-1-D

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.3	33.3	49.9
54	58.9	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG037005.D
Acq: 27 Sep 2018 6:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	80.7	121.1
160	44.1	35.3	52.9

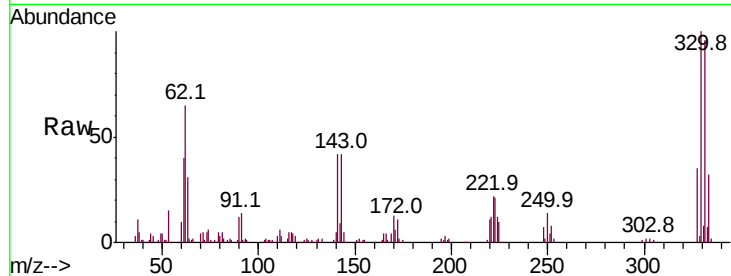




#41
 2,4,6-Tribromophenol
 Concen: 107.565 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037005.D
 Acq: 27 Sep 2018 6:52

Instrument :
 BNA_G
 ClientSampleID :
 TP-1-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.4	113.2
141	41.0	30.7	46.1

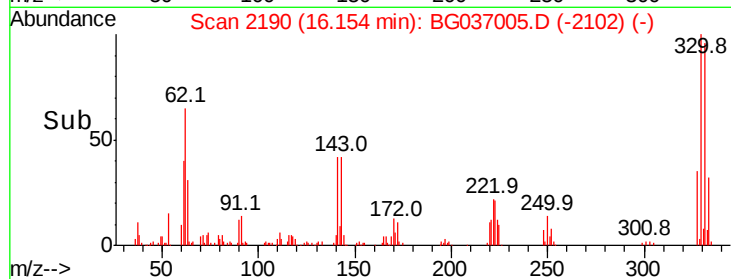
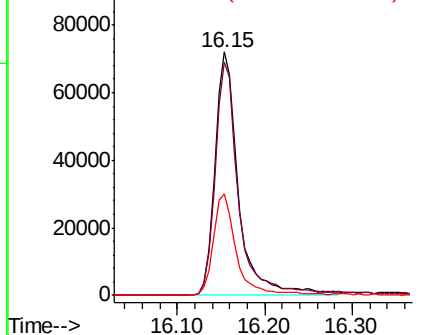


Abundance

Ion 329.80 (329.50 to 330.50): E

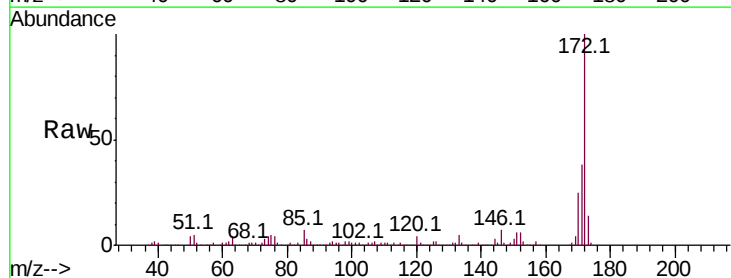
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.685 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037005.D
 Acq: 27 Sep 2018 6:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.3	46.9
170	24.8	21.0	31.6

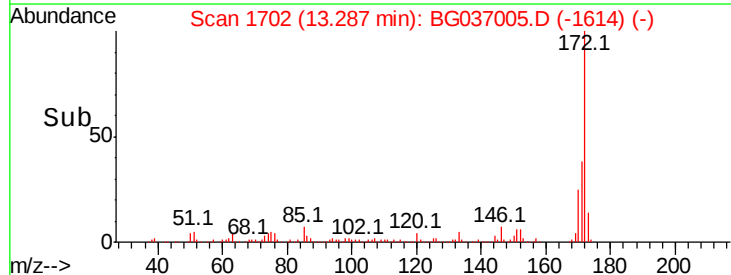
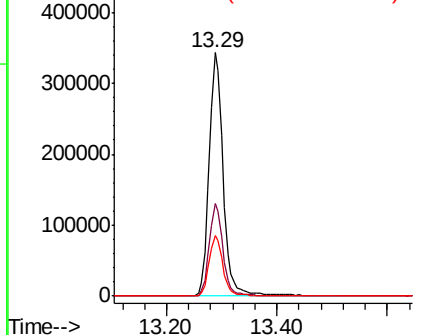


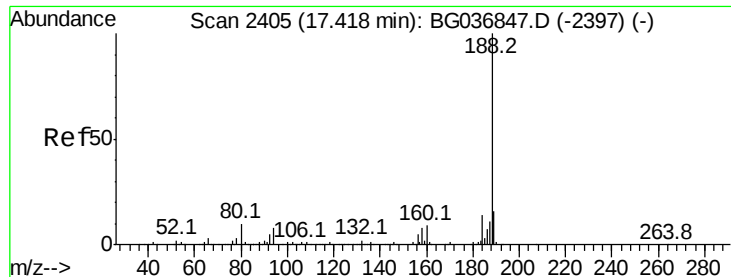
Abundance

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG037005.D

Acq: 27 Sep 2018 6:52

Instrument :

BNA_G

ClientSampleId :

TP-1-D

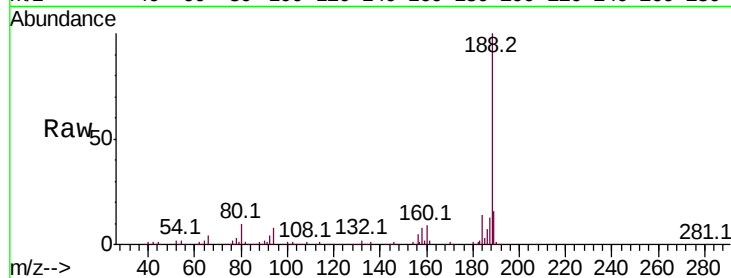
Tot Ion:188 Resp: 259099

Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

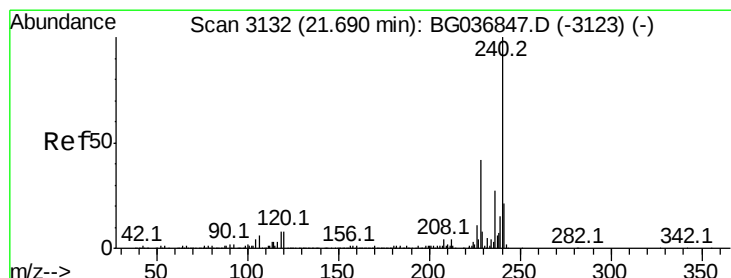
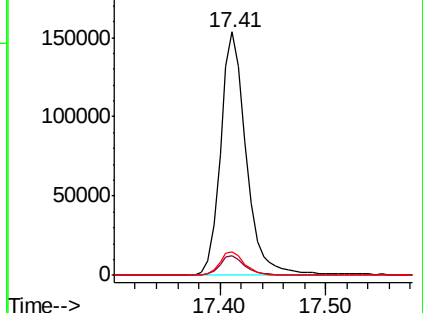
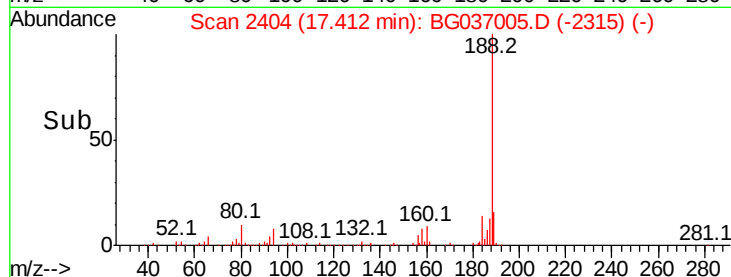
80 9.7 8.1 12.1



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: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037005.D

Acq: 27 Sep 2018 6:52

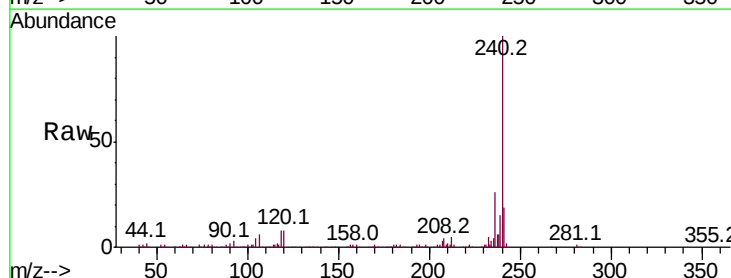
Tgt Ion:240 Resp: 274844

Ion Ratio Lower Upper

240 100

120 7.6 6.9 10.3

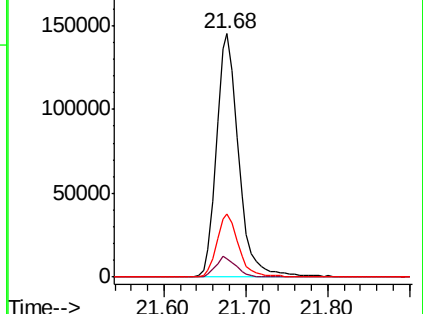
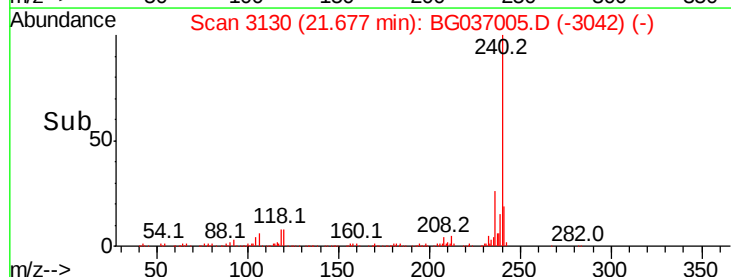
236 25.9 21.2 31.8



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



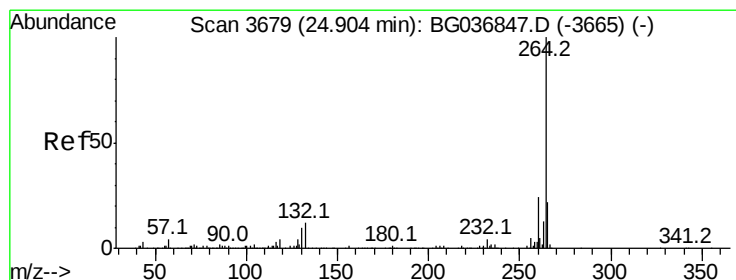
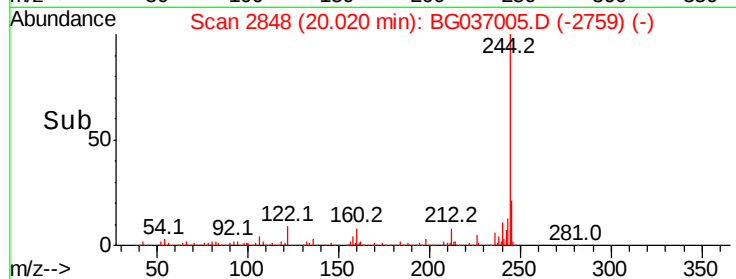
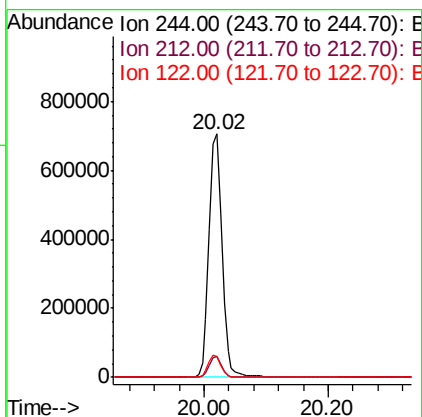
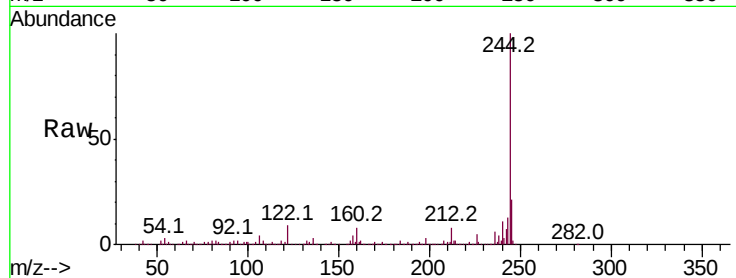


#78
 Terphenyl-d14
 Concen: 97.844 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG037005.D
 Acq: 27 Sep 2018 6:52

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-D

Tot Ion:244 Resp: 1022704

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.6
122	8.6	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG037005.D
 Acq: 27 Sep 2018 6:52

Tgt Ion:264 Resp: 262307

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.6	29.4
265	19.8	17.4	26.0

