

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
 Data File : BG037970.D
 Acq On : 13 Nov 2018 7:54
 Operator : JU/SJ
 Sample : J5904-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 110818-TIPC-F-U-S

Quant Time: Nov 13 11:41:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	56282	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	262669	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	172106	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	369399	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	321567	20.00	ng	-0.02
87) Perylene-d12	25.09	264	272701	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	153812	45.69	ng	-0.01
7) Phenol-d6	7.23	99	138512	27.21	ng	-0.02
23) Nitrobenzene-d5	9.27	82	481805	102.75	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	164056	87.40	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	1117897	97.95	ng	-0.02
79) Terphenyl-d14	20.07	244	1348468	89.60	ng	-0.01

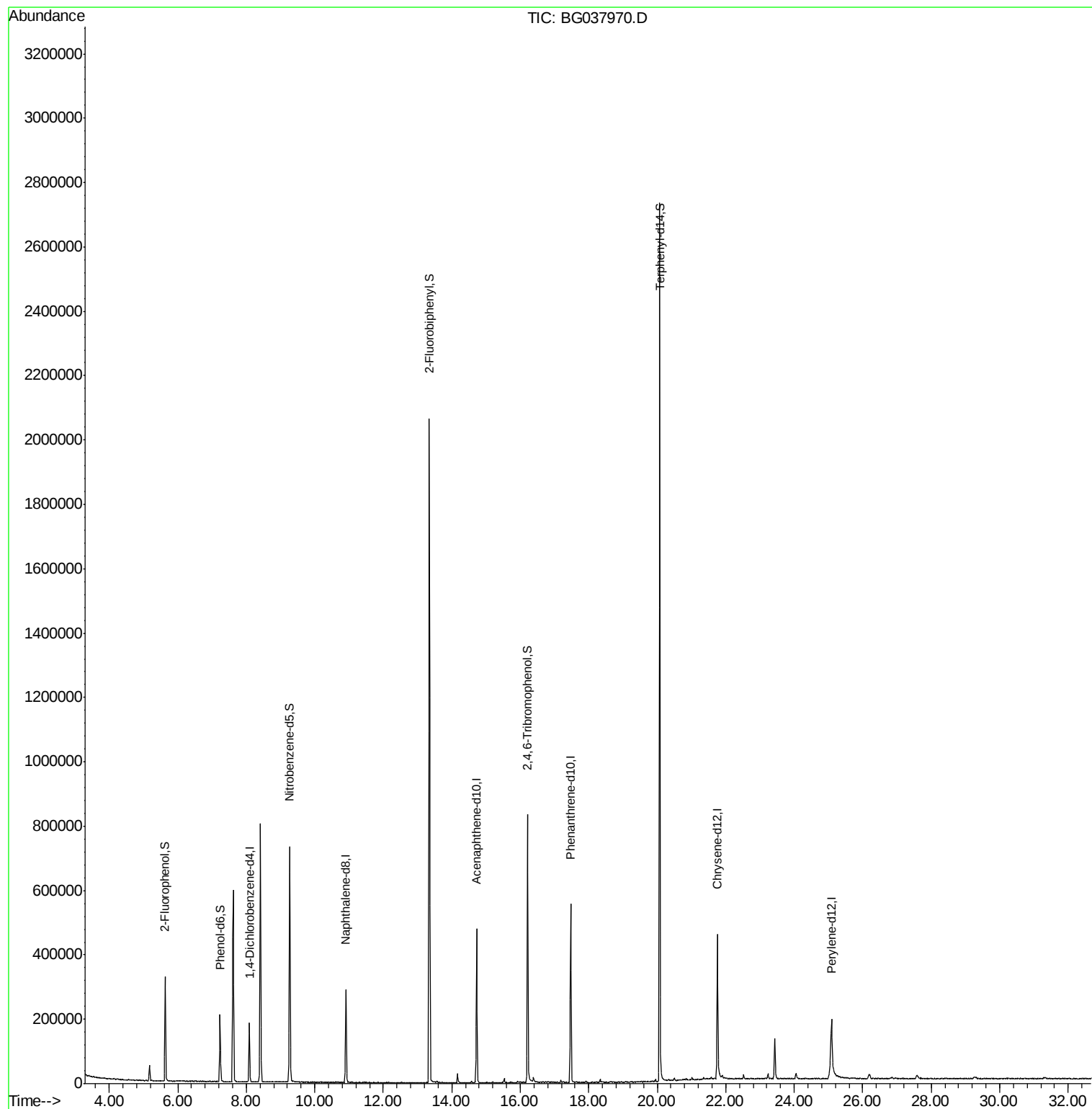
Target Compounds Qvalue

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

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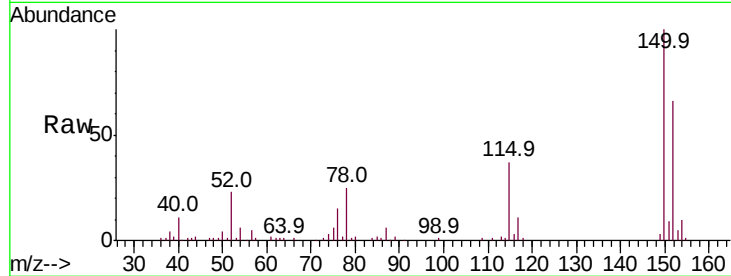


#1

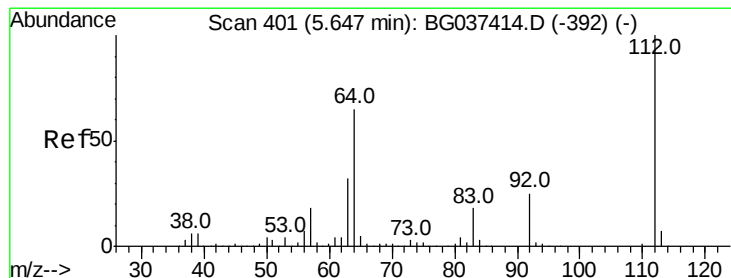
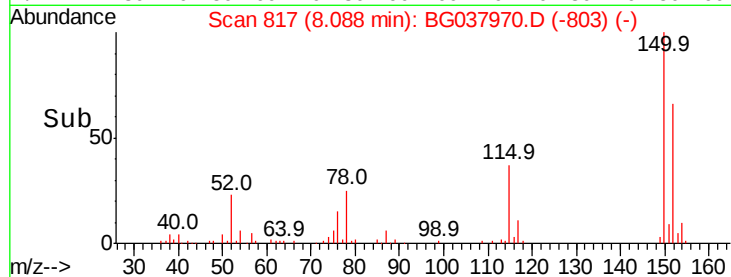
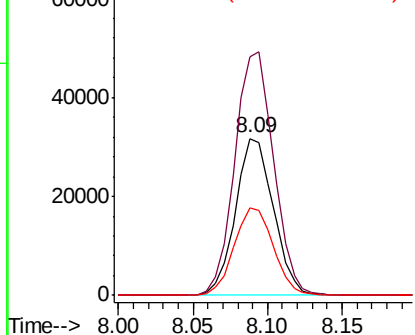
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037970.D
Acq: 13 Nov 2018 7:54

Instrument :
BNA_G
ClientSampleId :
110818-TIPC-F-U-S

Tot Ion:152 Resp: 56282
Ion Ratio Lower Upper
152 100
150 151.4 126.0 189.0
115 56.1 45.5 68.3



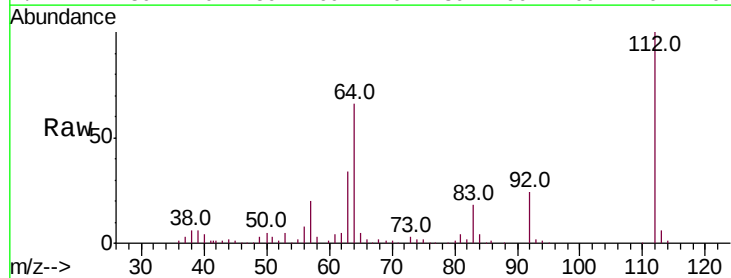
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



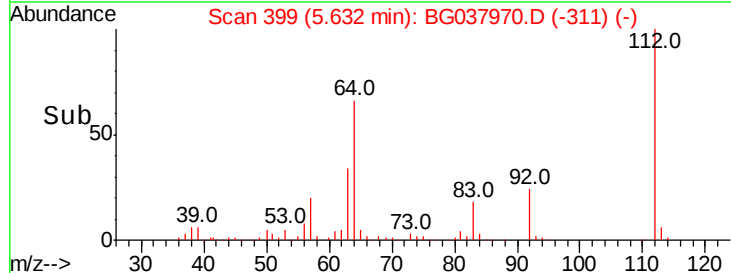
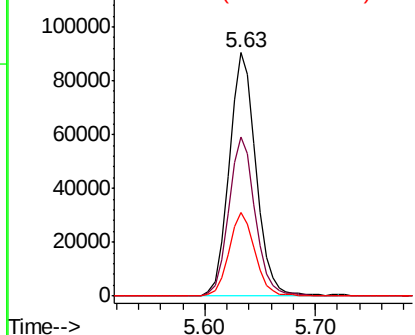
#5

2-Fluorophenol
Concen: 45.690 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037970.D
Acq: 13 Nov 2018 7:54

Tgt Ion:112 Resp: 153812
Ion Ratio Lower Upper
112 100
64 65.6 53.1 79.7
63 34.4 27.3 40.9



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: 27.210 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037970.D

Acq: 13 Nov 2018 7:54

Instrument :

BNA_G

ClientSampleId :

110818-TIPC-F-U-S

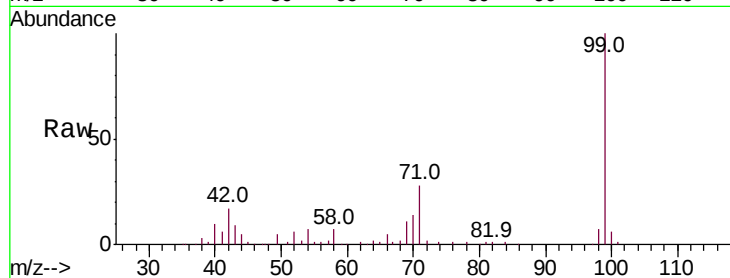
Tot Ion: 99 Resp: 138512

Ion Ratio Lower Upper

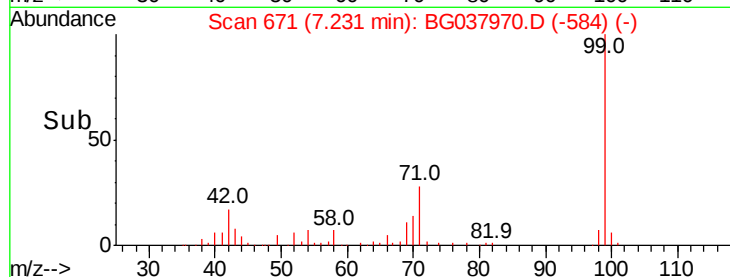
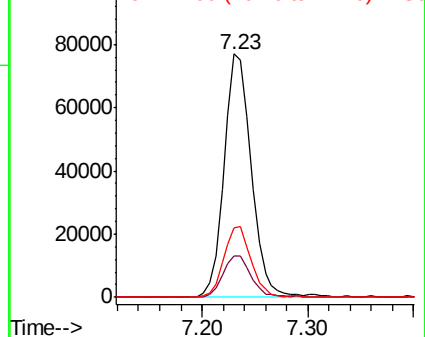
99 100

42 17.2 15.0 22.4

71 28.4 25.5 38.3



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: 10.91 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BG037970.D

Acq: 13 Nov 2018 7:54

Tgt Ion: 136 Resp: 262669

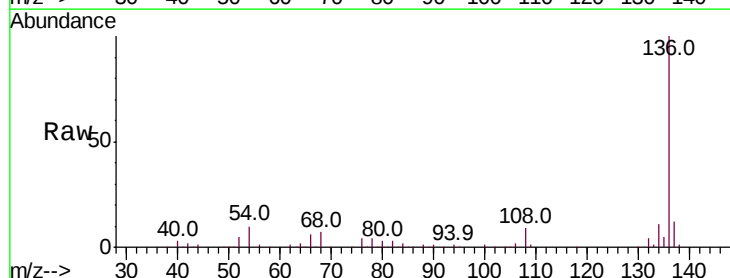
Ion Ratio Lower Upper

136 100

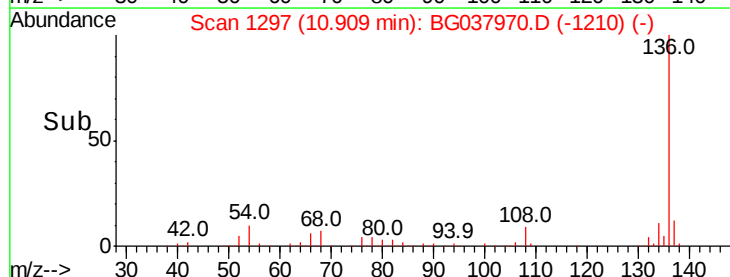
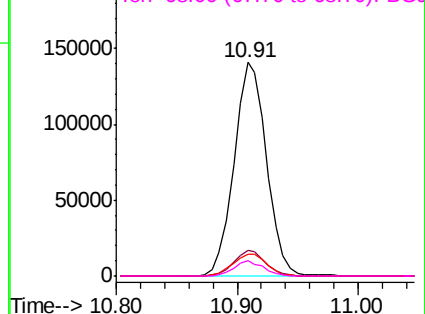
137 11.7 9.6 14.4

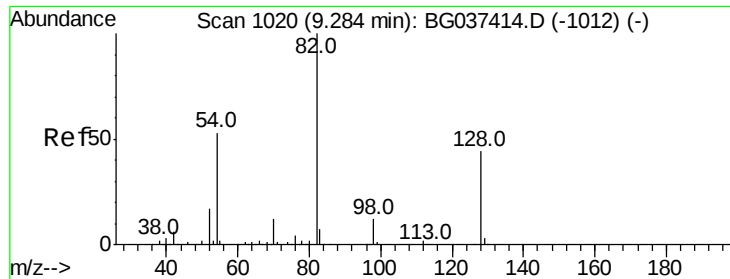
54 10.2 7.9 11.9

68 7.0 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

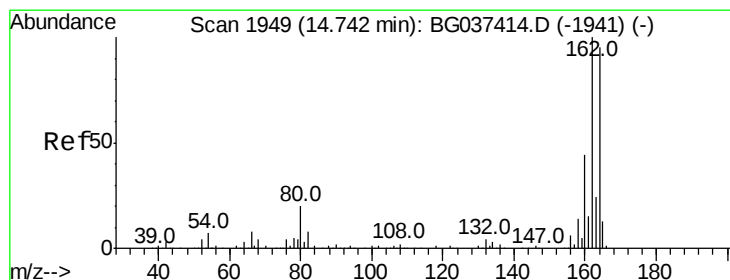
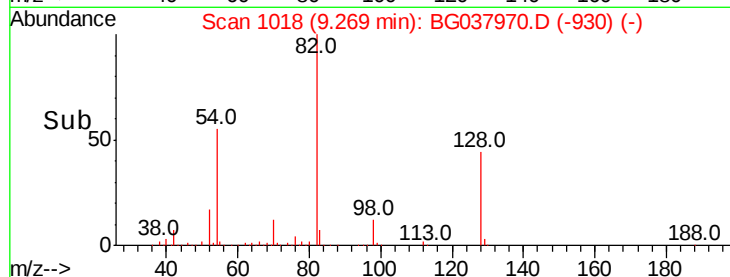
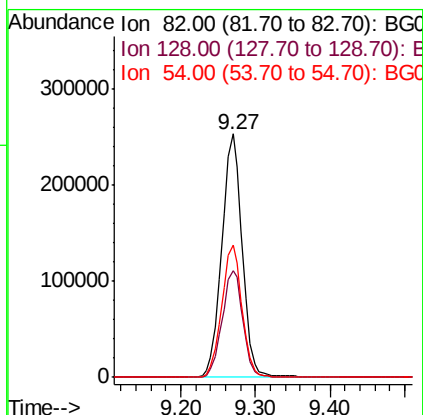
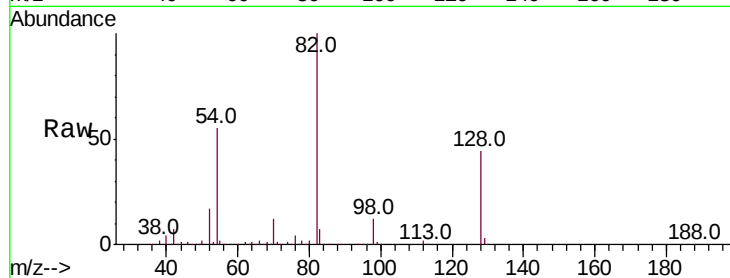




#23
 Nitrobenzene-d5
 Concen: 102.754 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037970.D
 Acq: 13 Nov 2018 7:54

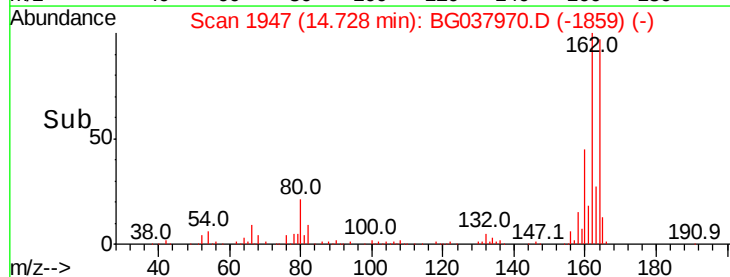
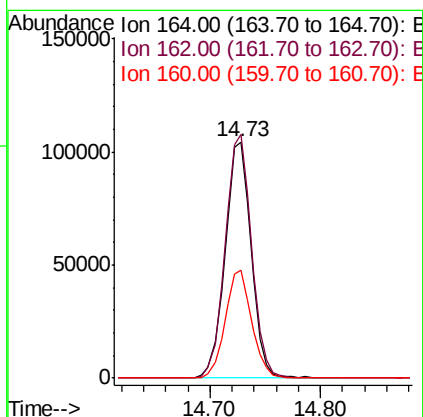
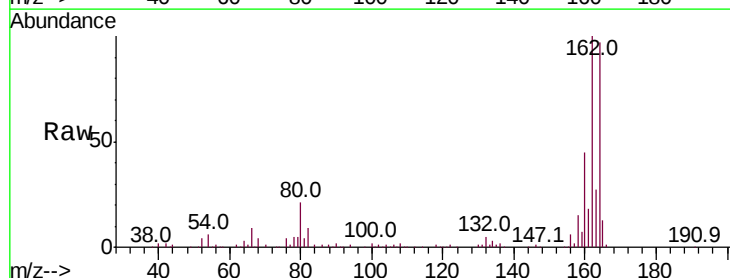
Instrument :
 BNA_G
 ClientSampleId :
 110818-TIPC-F-U-S

Tot Ion: 82 Resp: 481805
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.6 51.8
 54 54.6 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037970.D
 Acq: 13 Nov 2018 7:54

Tgt Ion:164 Resp: 172106
 Ion Ratio Lower Upper
 164 100
 162 102.9 81.3 121.9
 160 45.8 36.3 54.5

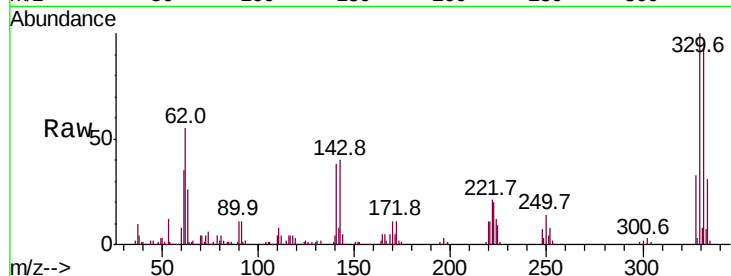




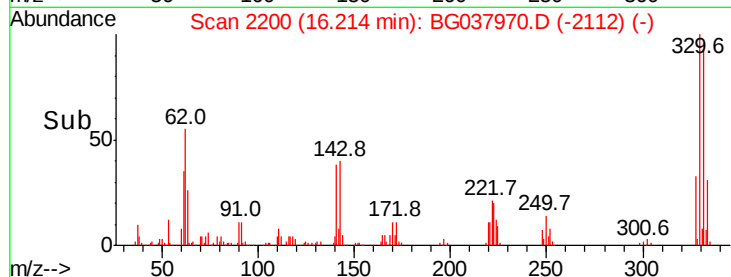
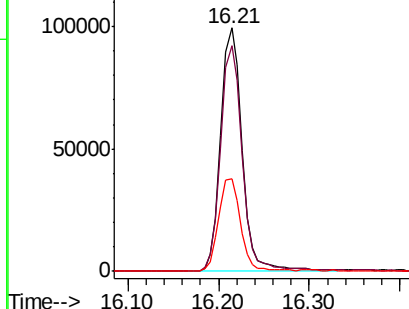
#42
 2,4,6-Tribromophenol
 Concen: 87.397 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037970.D
 Acq: 13 Nov 2018 7:54

Instrument :
 BNA_G
 ClientSampleId :
 110818-TIPC-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.2	78.4	117.6
141	38.8	32.2	48.2

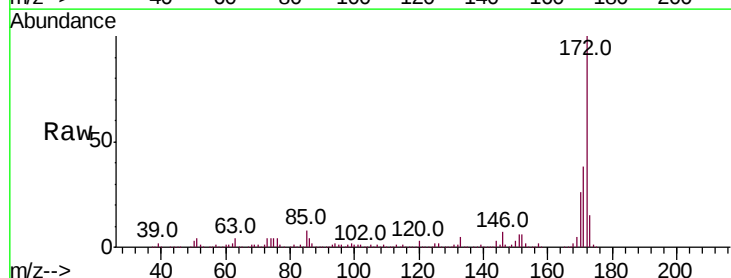


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

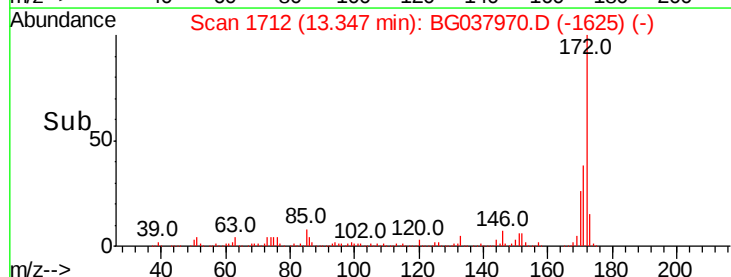
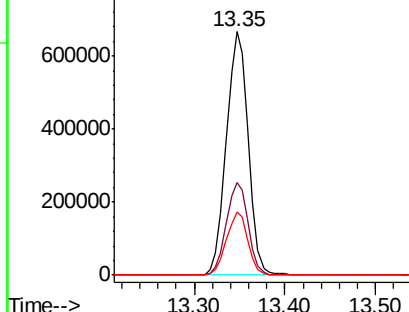


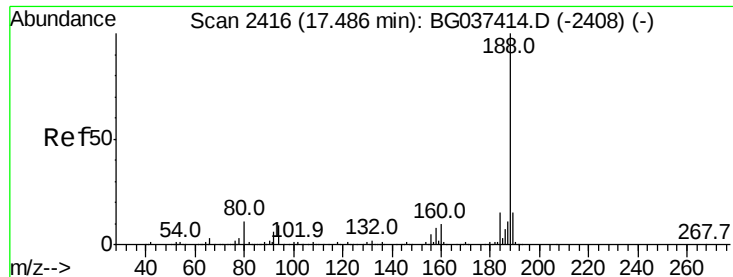
#45
 2-Fluorobiphenyl
 Concen: 97.947 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037970.D
 Acq: 13 Nov 2018 7:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.7	20.2	30.2



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

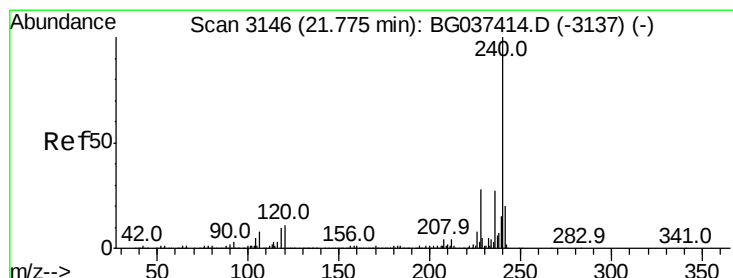
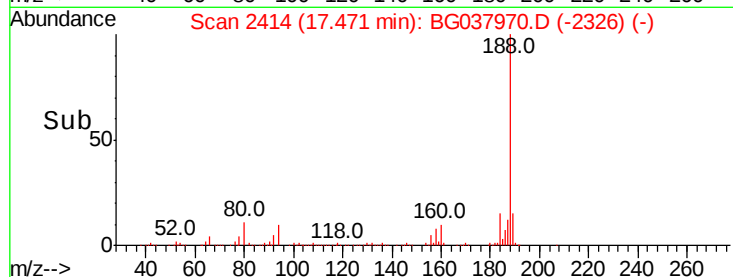
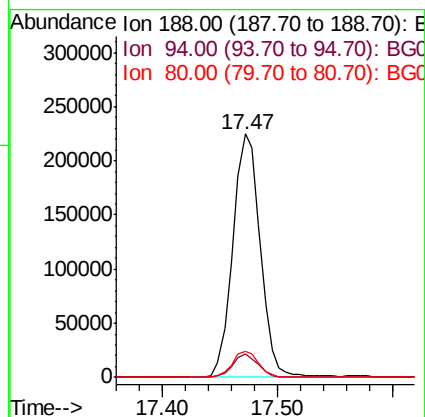
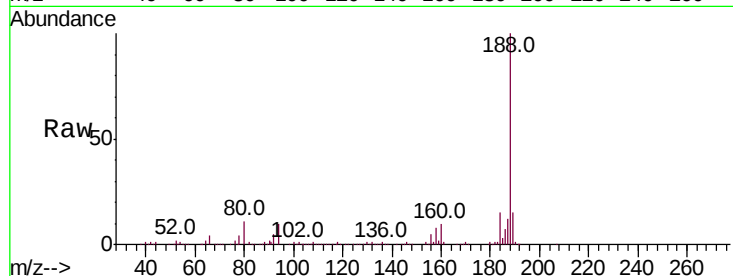




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037970.D
Acq: 13 Nov 2018 7:54

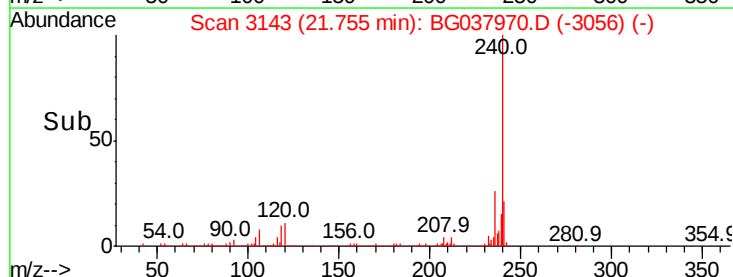
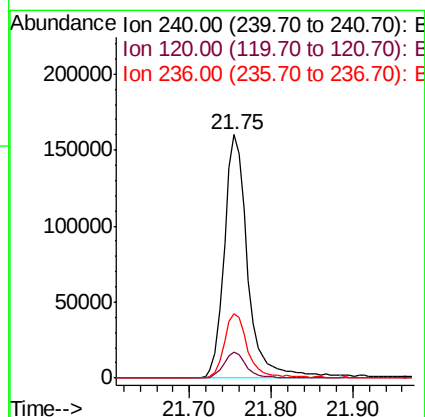
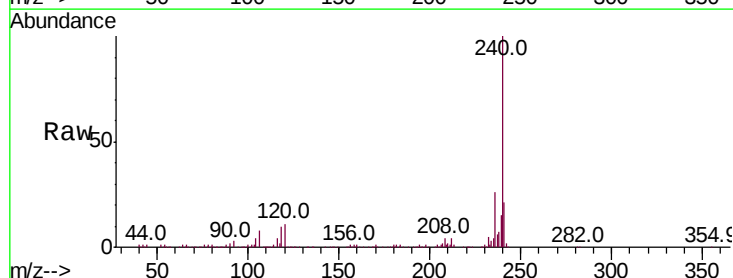
Instrument :
BNA_G
ClientSampleId :
110818-TIPC-F-U-S

Tot Ion:188 Resp: 369399
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.5 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037970.D
Acq: 13 Nov 2018 7:54

Tgt Ion:240 Resp: 321567
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 26.3 21.4 32.0





#79

Terphenyl-d14

Concen: 89.604 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037970.D

Acq: 13 Nov 2018 7:54

Instrument :

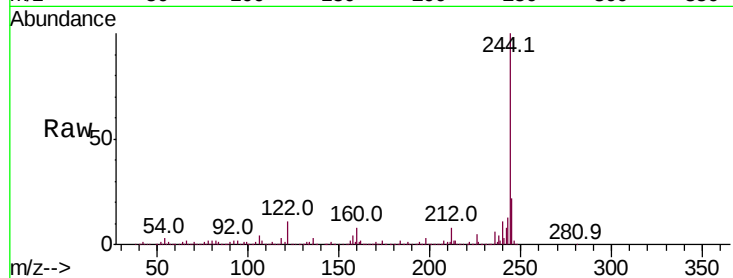
BNA_G

ClientSampleId :

110818-TIPC-F-U-S

Tot Ion:244 Resp: 1348468

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.9	9.0	13.4

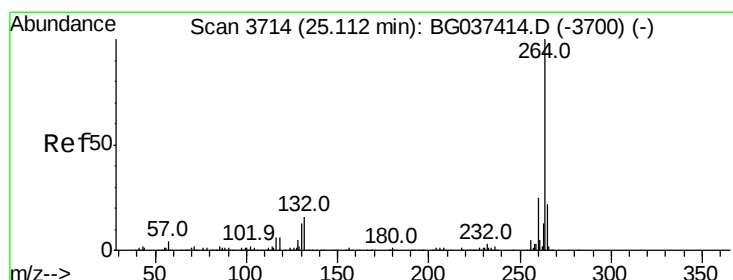
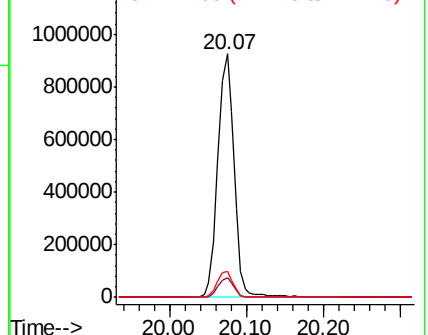
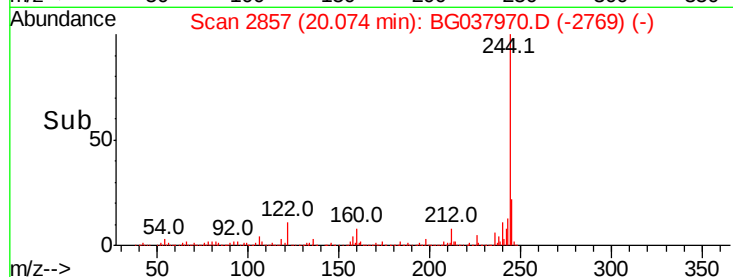


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

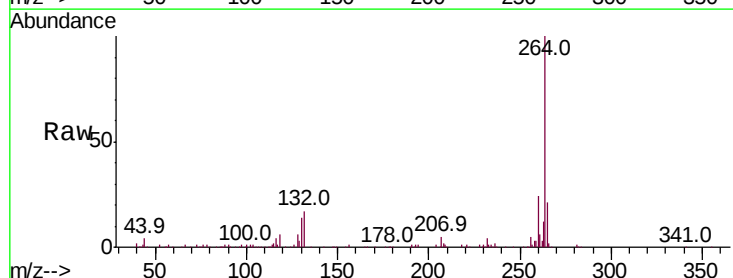
Delta R.T. -0.03 min

Lab File: BG037970.D

Acq: 13 Nov 2018 7:54

Tgt Ion:264 Resp: 272701

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	20.9	17.9	26.9



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

