

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
 Data File : BG037967.D
 Acq On : 13 Nov 2018 5:56
 Operator : JU/SJ
 Sample : J5904-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 110818-TIPC-F-D-B

Quant Time: Nov 13 06:56:01 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	52813	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	245370	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	157681	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	341874	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	288401	20.00	ng	-0.02
87) Perylene-d12	25.09	264	241430	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	141430	44.77	ng	-0.01
7) Phenol-d6	7.23	99	124393	26.04	ng	-0.02
23) Nitrobenzene-d5	9.27	82	455468	103.99	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	137215	79.78	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	1074271	102.74	ng	-0.02
79) Terphenyl-d14	20.07	244	1288193	95.44	ng	-0.02

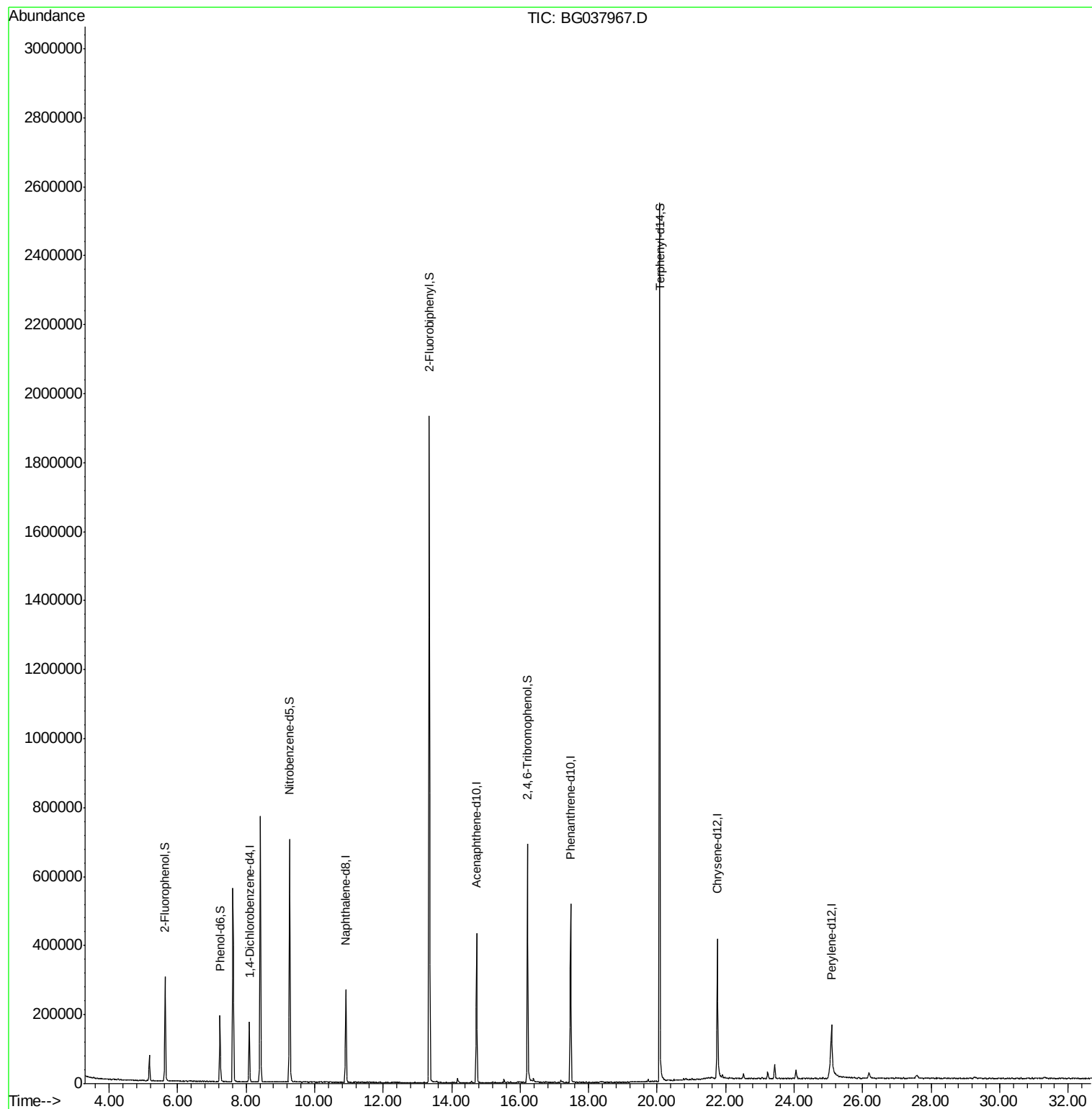
Target Compounds Qvalue

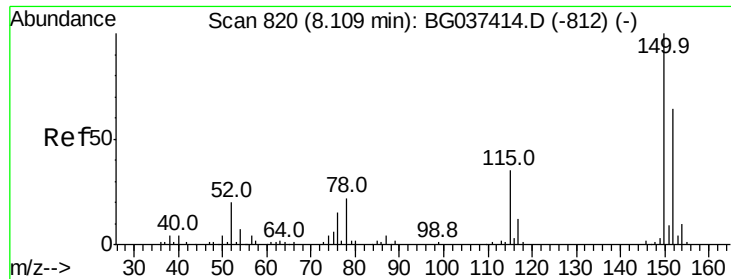
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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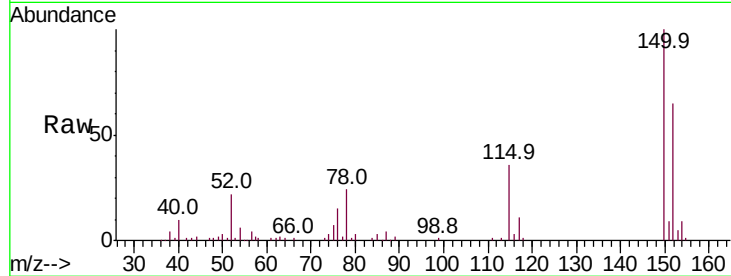


#1

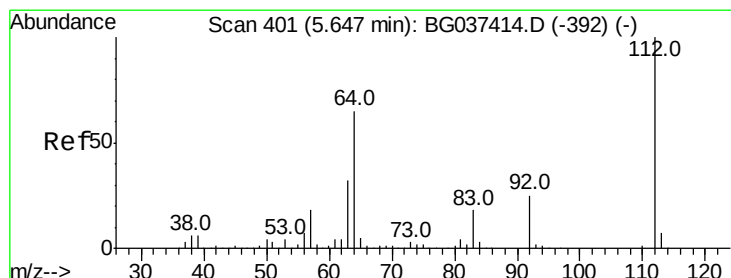
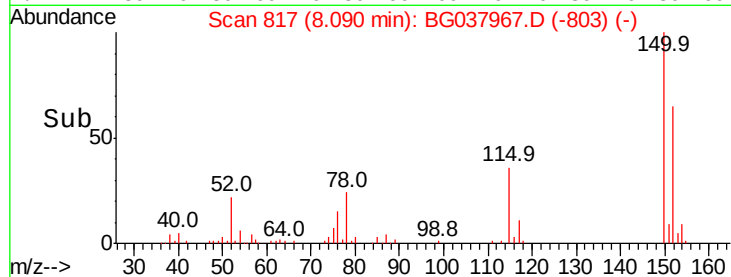
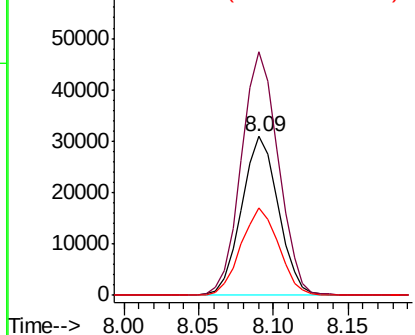
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037967.D
Acq: 13 Nov 2018 5:56

Instrument :
BNA_G
ClientSampleId :
110818-TIPC-F-D-B

Tot Ion:152 Resp: 52813
Ion Ratio Lower Upper
152 100
150 153.4 126.0 189.0
115 55.1 45.5 68.3



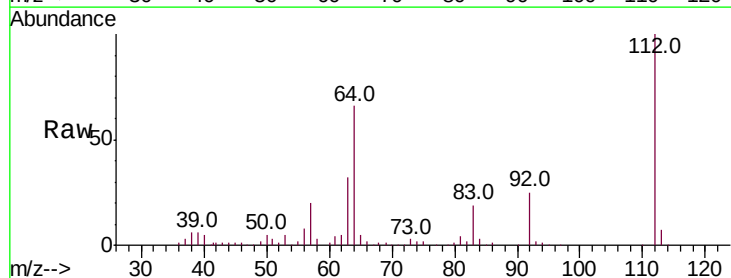
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



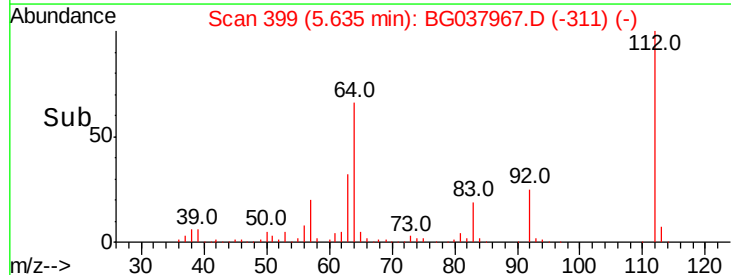
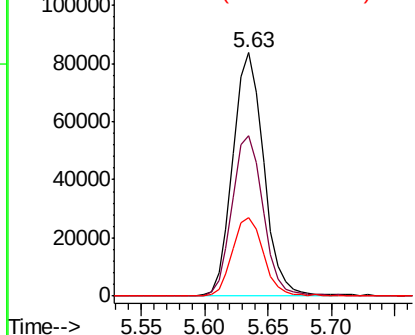
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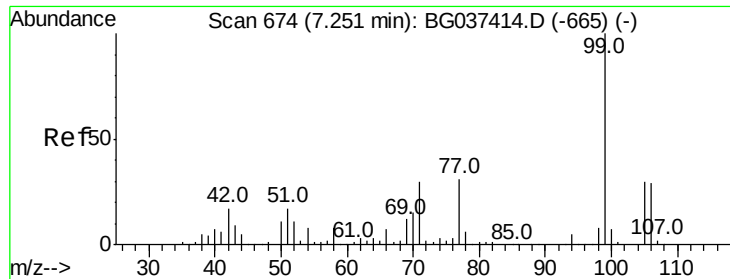
2-Fluorophenol
Concen: 44.771 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037967.D
Acq: 13 Nov 2018 5:56

Tgt Ion:112 Resp: 141430
Ion Ratio Lower Upper
112 100
64 65.9 53.1 79.7
63 32.2 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: 26.041 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037967.D

Acq: 13 Nov 2018 5:56

Instrument :

BNA_G

ClientSampleId :

110818-TIPC-F-D-B

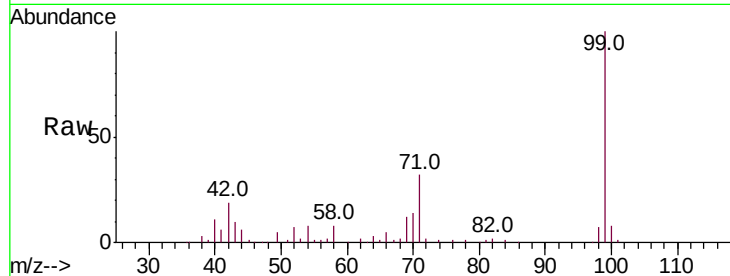
Tot Ion: 99 Resp: 124393

Ion Ratio Lower Upper

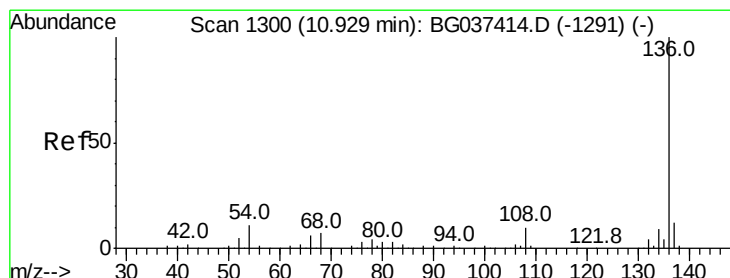
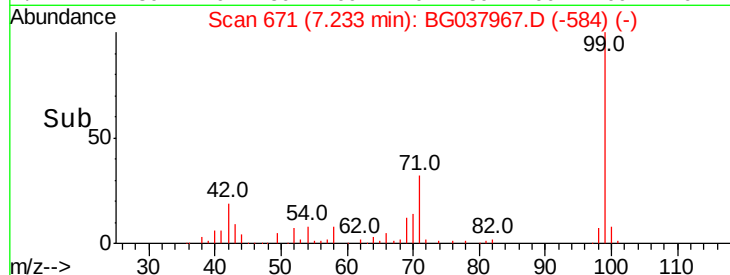
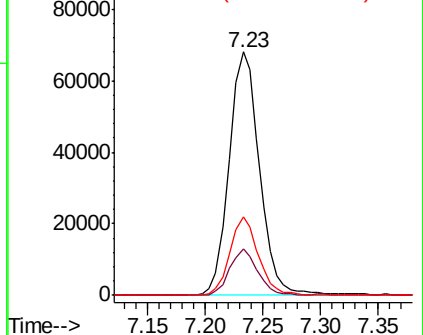
99 100

42 19.2 15.0 22.4

71 32.4 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: BG037967.D

Acq: 13 Nov 2018 5:56

Tgt Ion: 136 Resp: 245370

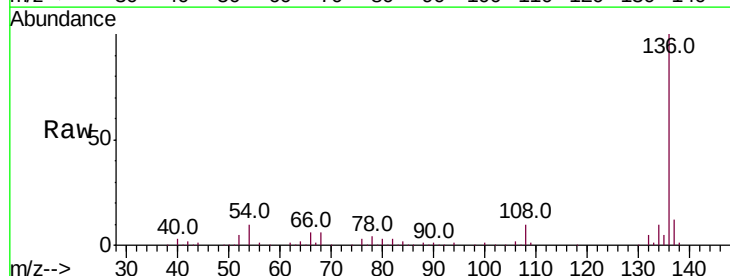
Ion Ratio Lower Upper

136 100

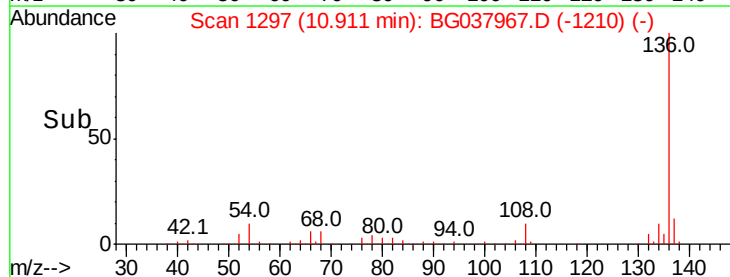
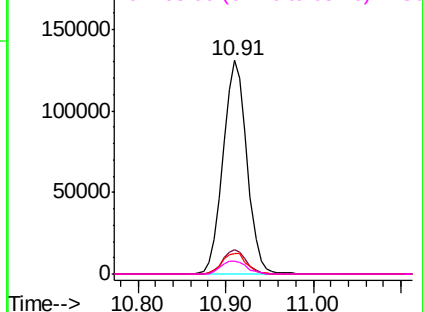
137 11.6 9.6 14.4

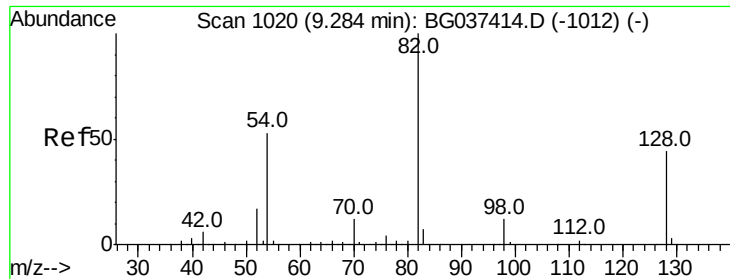
54 9.6 7.9 11.9

68 6.3 4.8 7.2



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

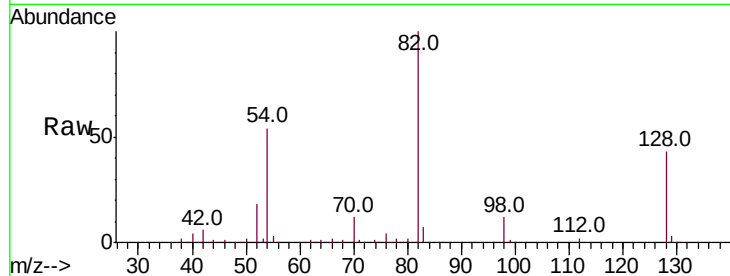




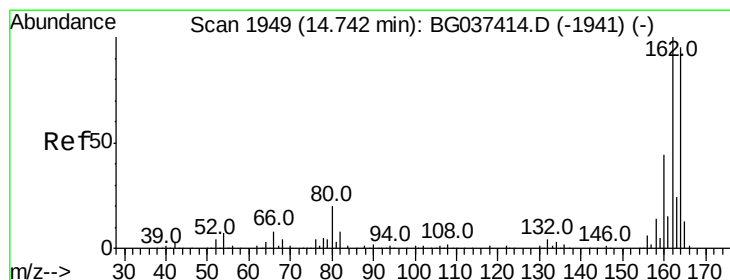
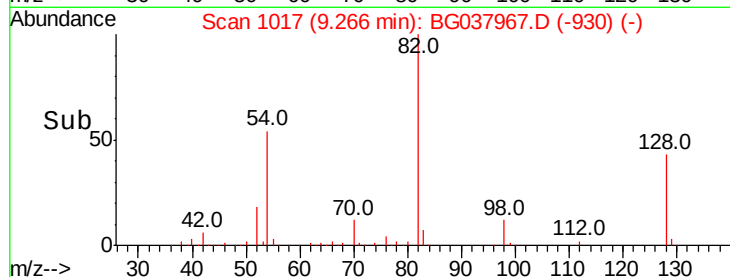
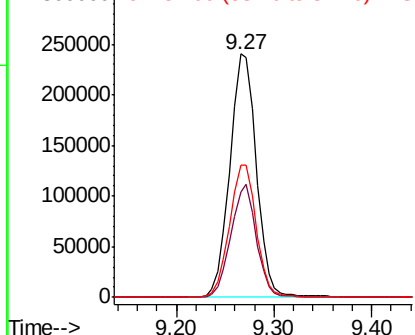
#23
 Nitrobenzene-d5
 Concen: 103.985 ng
 RT: 9.27 min Scan# 1017
 Delta R.T. -0.02 min
 Lab File: BG037967.D
 Acq: 13 Nov 2018 5:56

Instrument :
 BNA_G
 ClientSampleId :
 110818-TIPC-F-D-B

Tot Ion: 82 Resp: 455468
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.6 51.8
 54 54.2 45.3 67.9

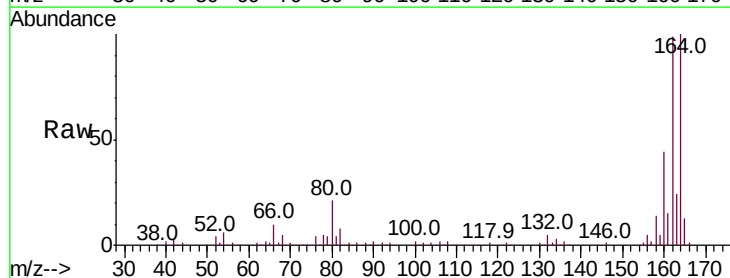


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

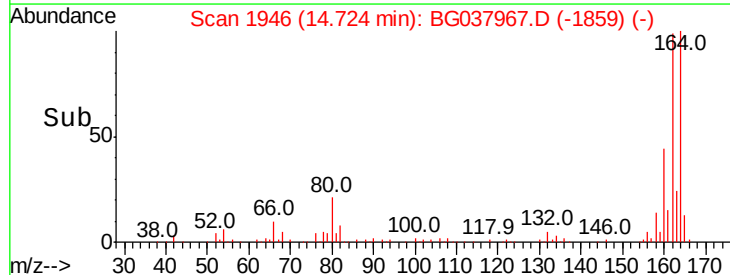
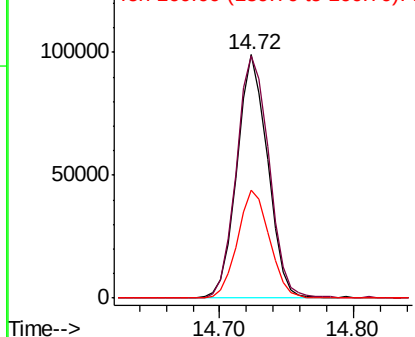


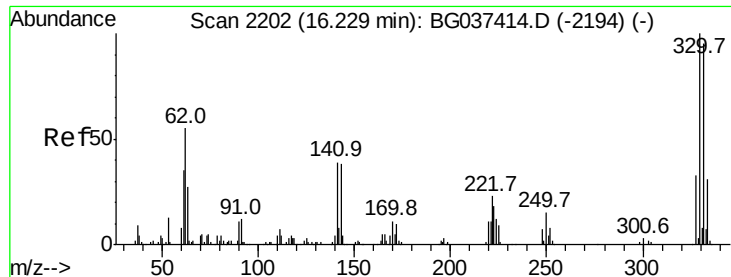
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.02 min
 Lab File: BG037967.D
 Acq: 13 Nov 2018 5:56

Tgt Ion: 164 Resp: 157681
 Ion Ratio Lower Upper
 164 100
 162 99.5 81.3 121.9
 160 44.1 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

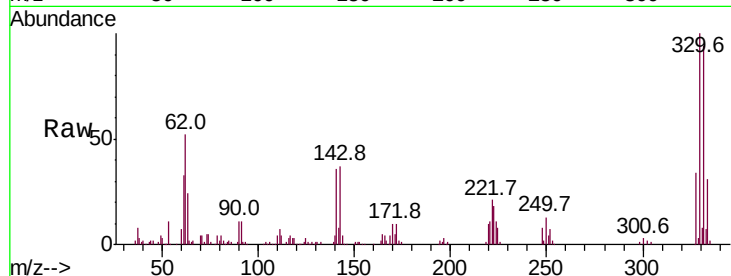




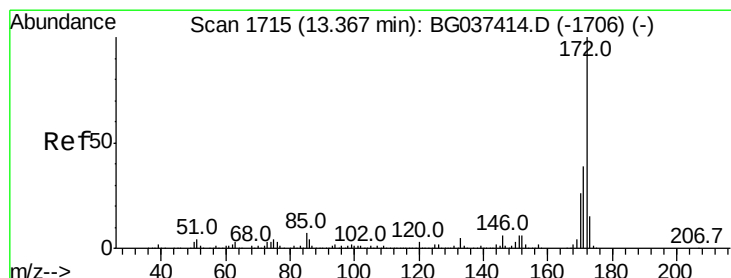
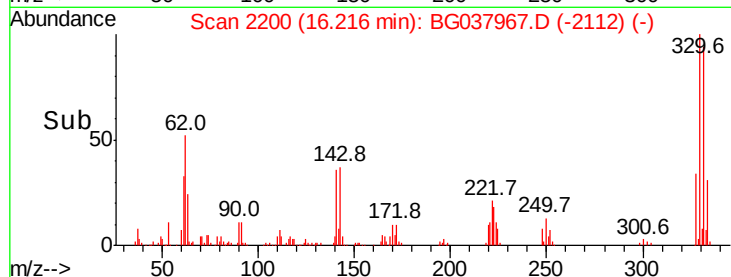
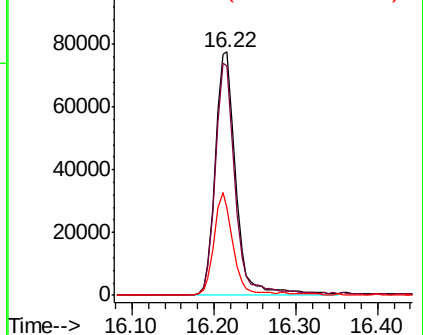
#42
 2,4,6-Tribromophenol
 Concen: 79.785 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037967.D
 Acq: 13 Nov 2018 5:56

Instrument :
 BNA_G
 ClientSampleId :
 110818-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.1	78.4	117.6
141	38.5	32.2	48.2

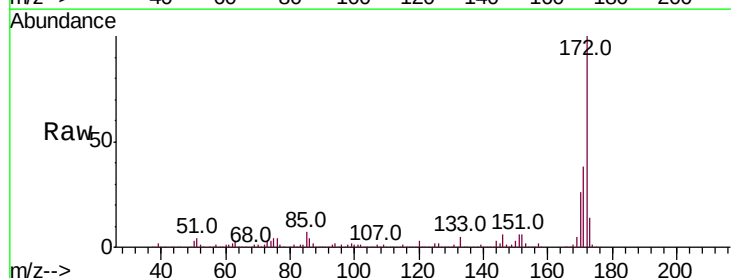


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

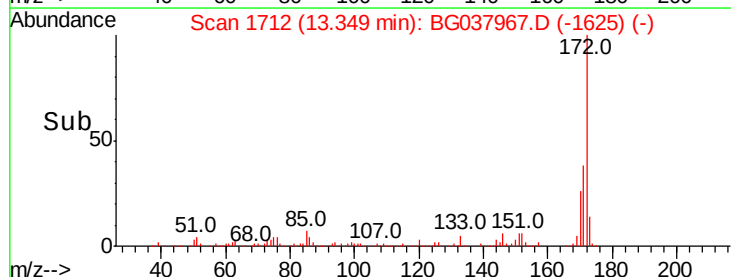
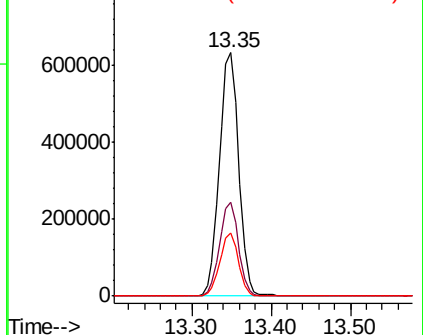


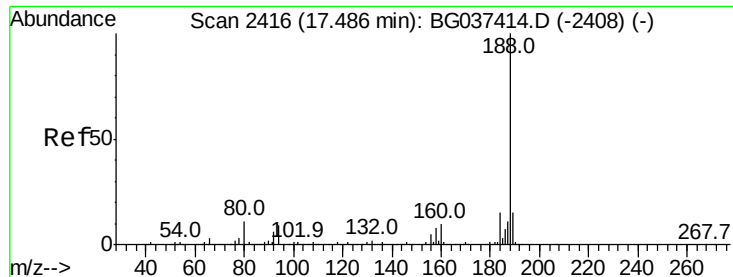
#45
 2-Fluorobiphenyl
 Concen: 102.735 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037967.D
 Acq: 13 Nov 2018 5:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	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

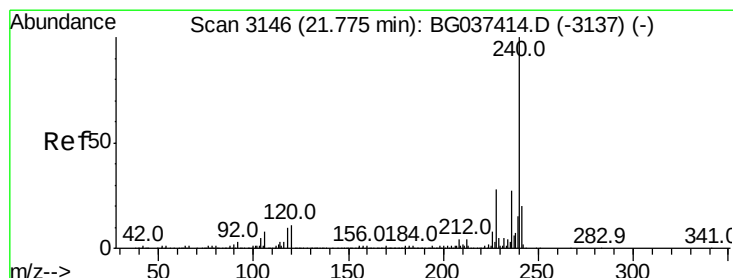
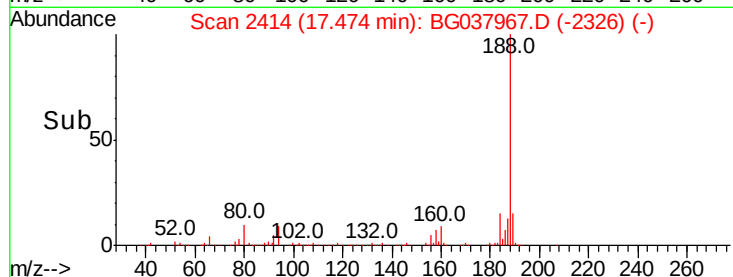
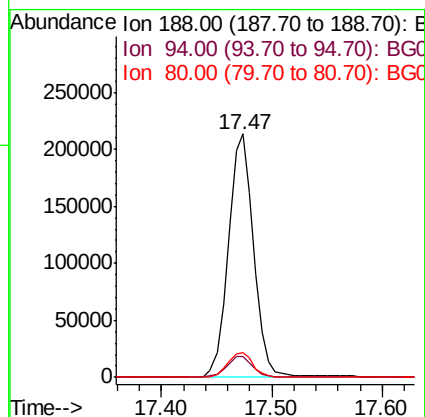
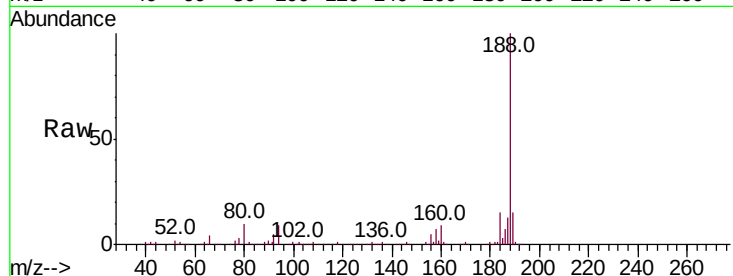




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037967.D
Acq: 13 Nov 2018 5:56

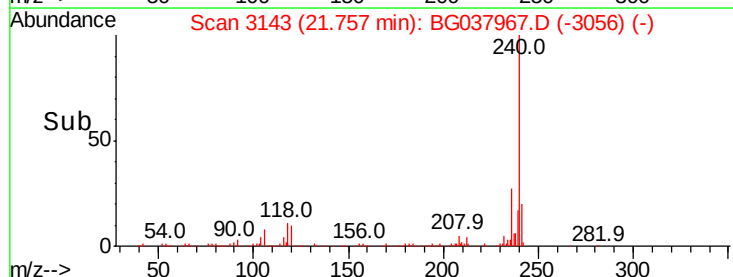
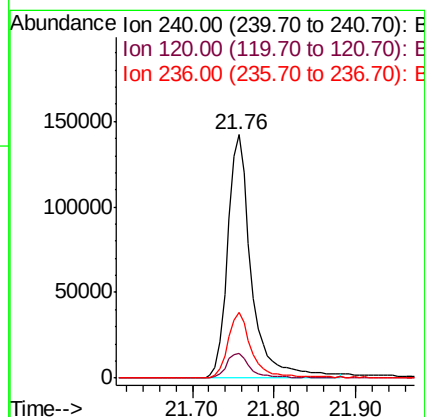
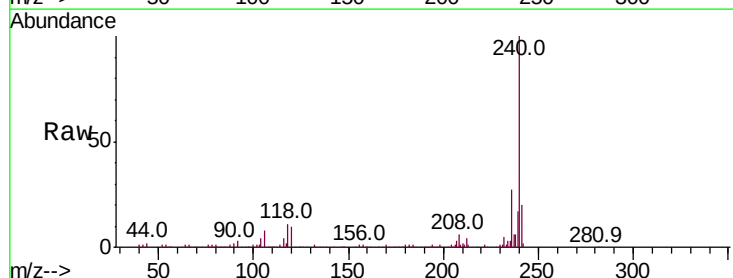
Instrument :
BNA_G
ClientSampleId :
110818-TIPC-F-D-B

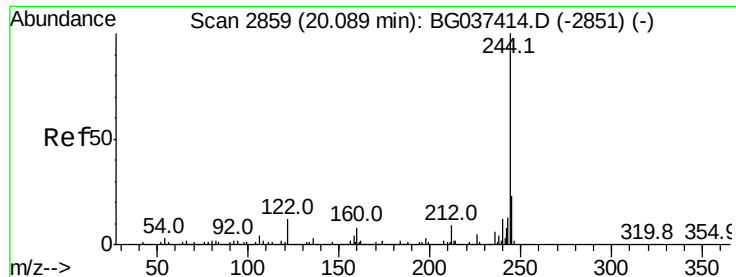
Tot Ion:188 Resp: 341874
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037967.D
Acq: 13 Nov 2018 5:56

Tgt Ion:240 Resp: 288401
Ion Ratio Lower Upper
240 100
120 10.0 8.1 12.1
236 27.2 21.4 32.0





#79

Terphenyl-d14

Concen: 95.442 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG037967.D

Acq: 13 Nov 2018 5:56

Instrument :

BNA_G

ClientSampleId :

110818-TIPC-F-D-B

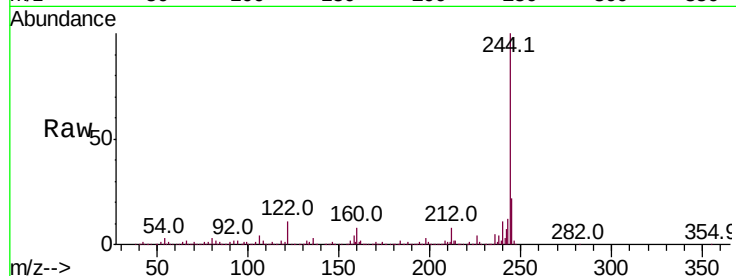
Tot Ion:244 Resp: 1288193

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	11.3	9.0	13.4

244 100

212 8.0 6.5 9.7

122 11.3 9.0 13.4

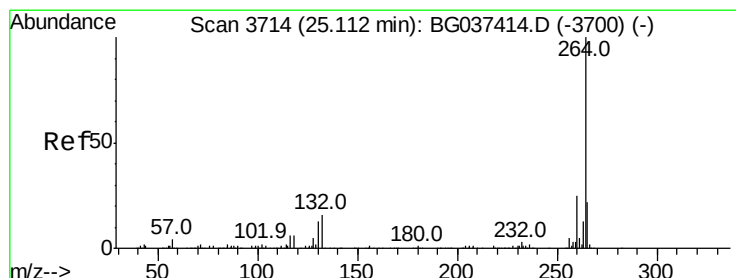
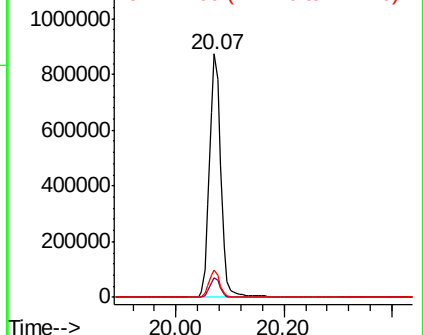
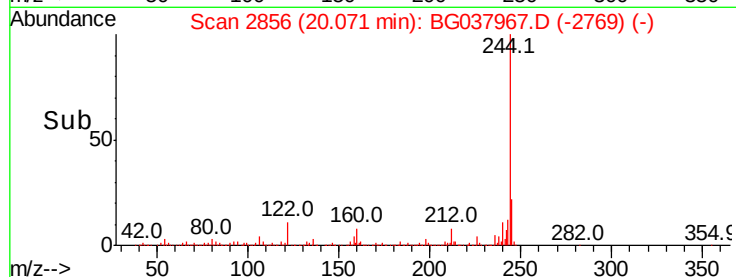


Abundance

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. -0.02 min

Lab File: BG037967.D

Acq: 13 Nov 2018 5:56

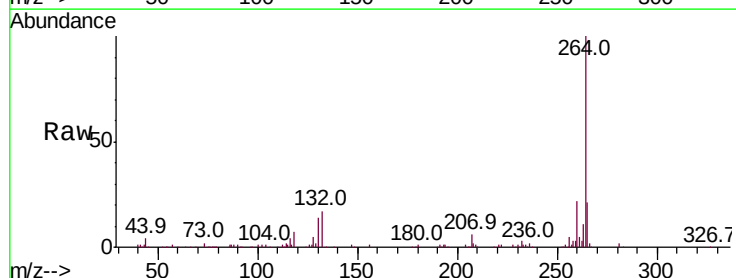
Tgt Ion:264 Resp: 241430

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.2	27.4
265	21.3	17.9	26.9

264 100

260 21.9 18.2 27.4

265 21.3 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

