

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091318\
 Data File : BG036694.D
 Acq On : 13 Sep 2018 22:34
 Operator : JU/SJ
 Sample : J4875-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091118-TIPC-F-D-S

Quant Time: Sep 14 01:44:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

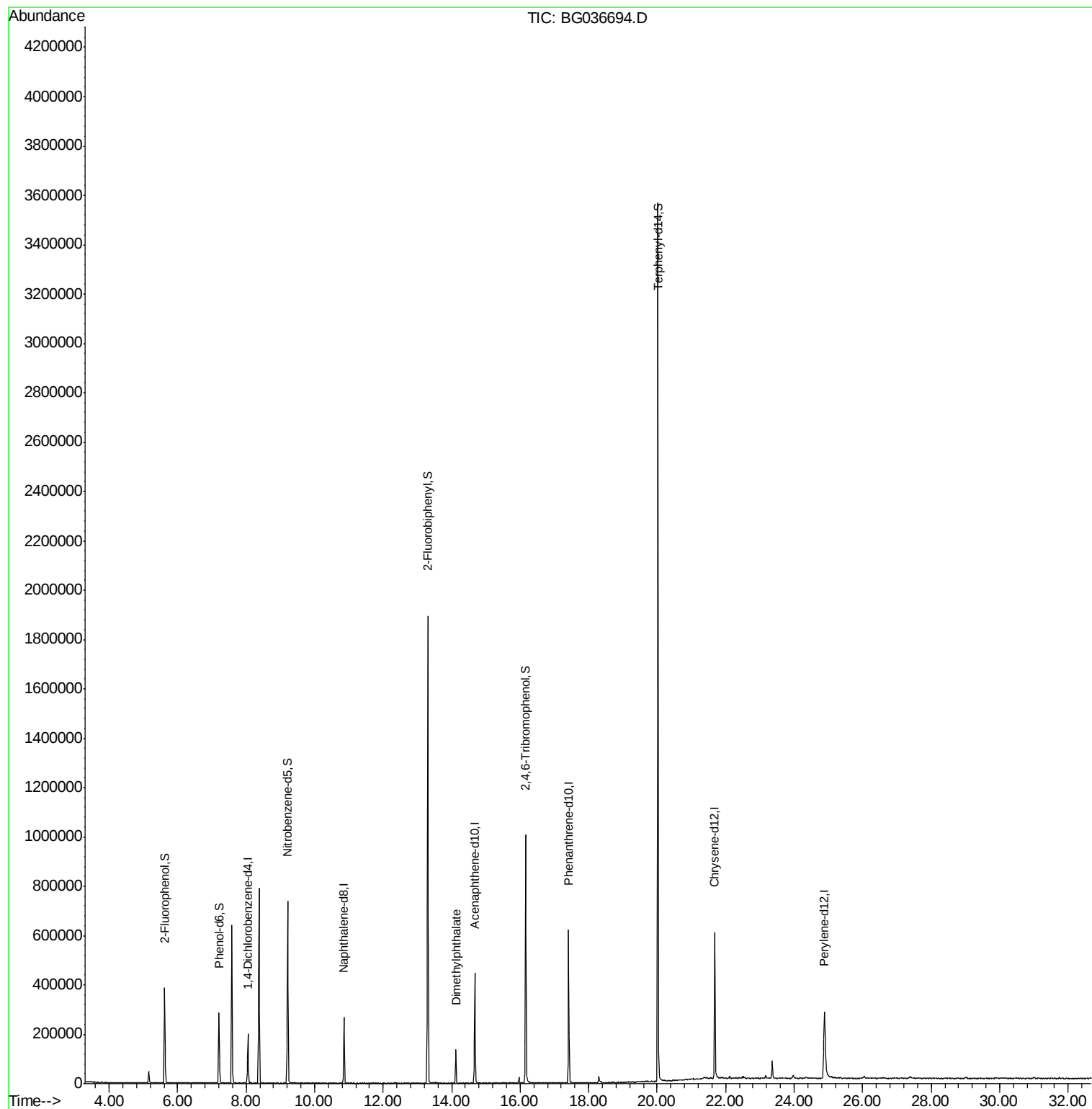
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56209	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	232646	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	154582	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	392168	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	396487	20.00	ng	-0.01
86) Perylene-d12	24.88	264	356699	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	167652	47.31	ng	0.00
7) Phenol-d6	7.20	99	164472	32.42	ng	-0.01
23) Nitrobenzene-d5	9.21	82	441066	102.86	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	188346	102.11	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	988484	91.30	ng	0.00
78) Terphenyl-d14	20.02	244	1696249	100.00	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	91472	7.247	ng	Qvalue 99

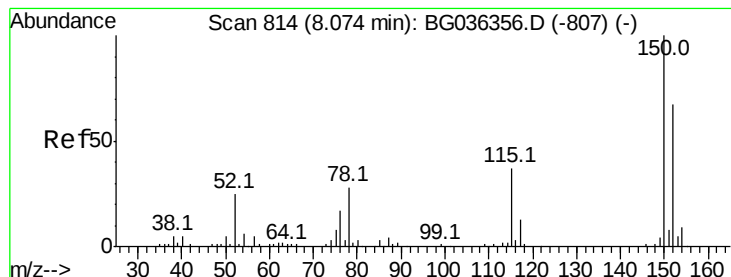
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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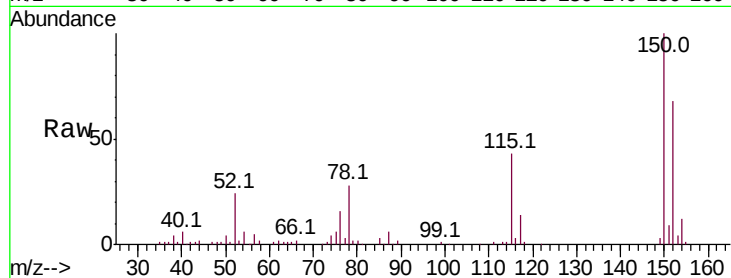


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BG036694.D
 Acq: 13 Sep 2018 22:34

Instrument :
 BNA_G
 ClientSampleId :
 091118-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.1	119.5	179.3
115	62.9	44.5	66.7

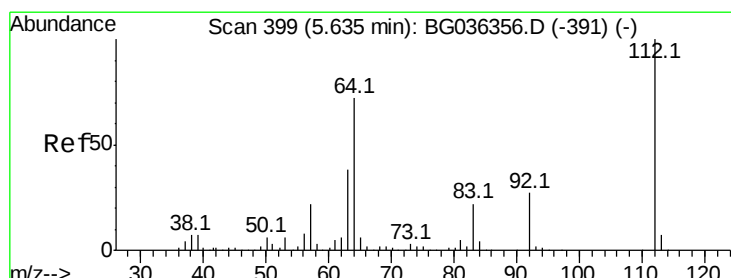
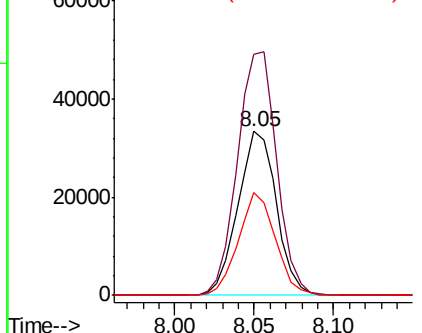
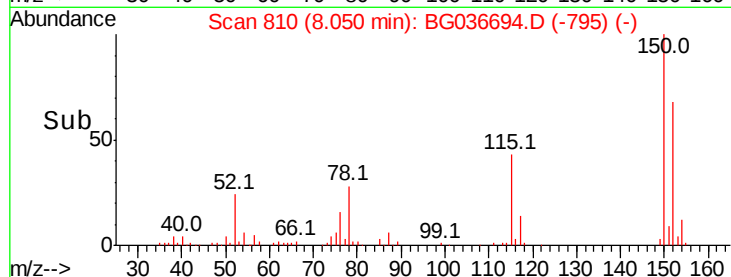


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

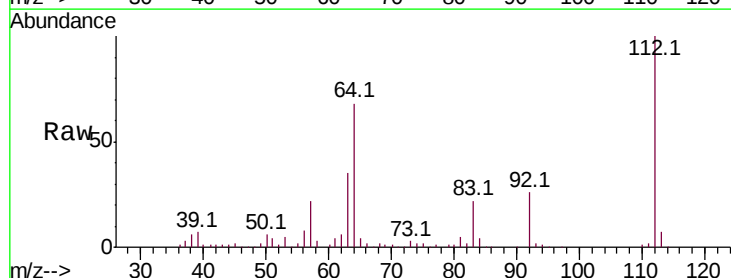
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 47.314 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036694.D
 Acq: 13 Sep 2018 22:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	57.2	85.8
63	34.7	30.8	46.2

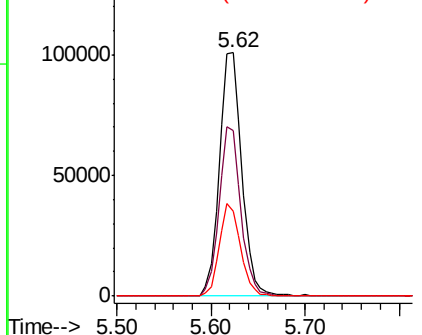
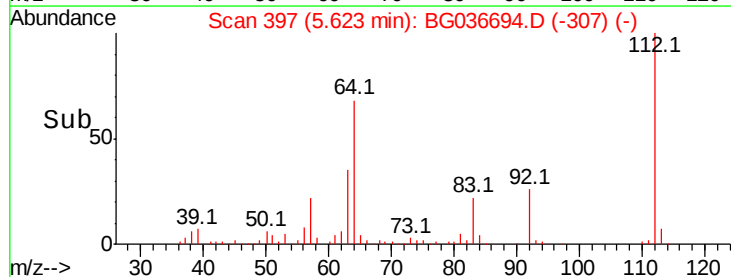


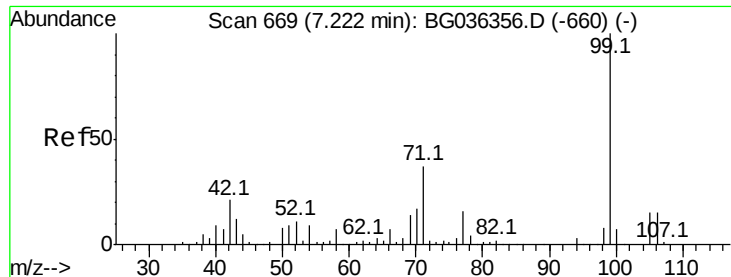
Abundance

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: 32.419 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036694.D

Acq: 13 Sep 2018 22:34

Instrument :

BNA_G

ClientSampleId :

091118-TIPC-F-D-S

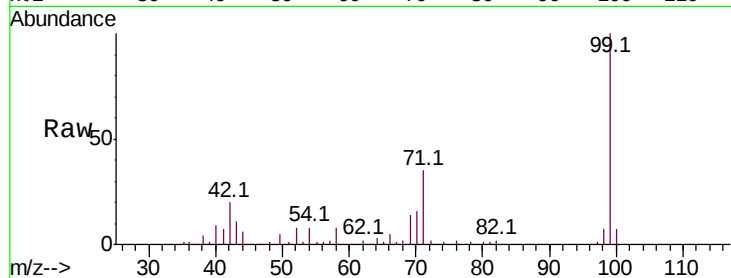
Tot Ion: 99 Resp: 164472

Ion Ratio Lower Upper

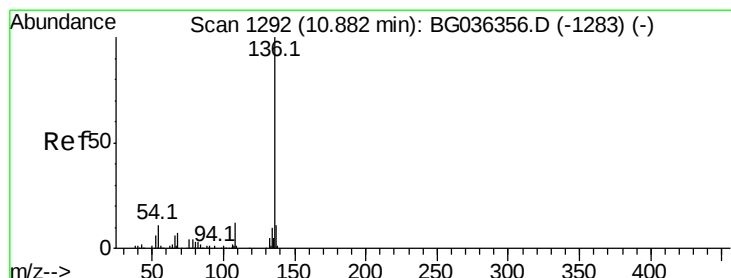
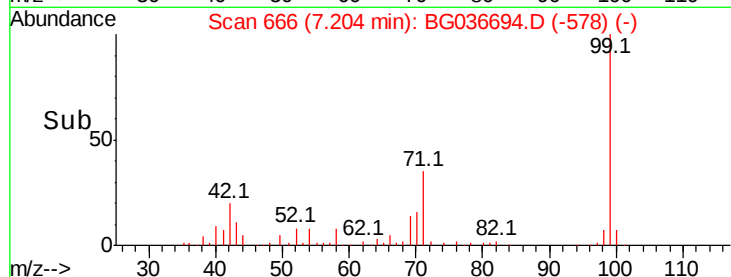
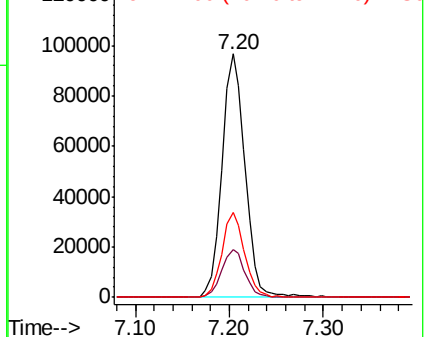
99 100

42 19.7 16.5 24.7

71 34.7 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: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036694.D

Acq: 13 Sep 2018 22:34

Tgt Ion: 136 Resp: 232646

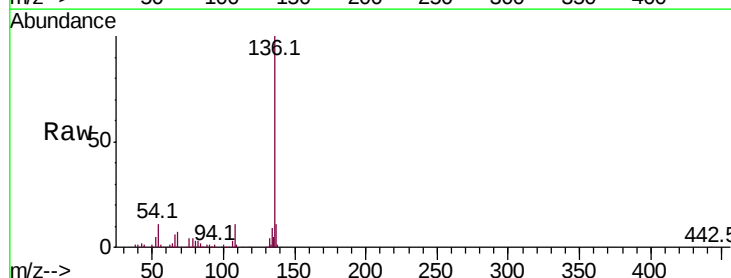
Ion Ratio Lower Upper

136 100

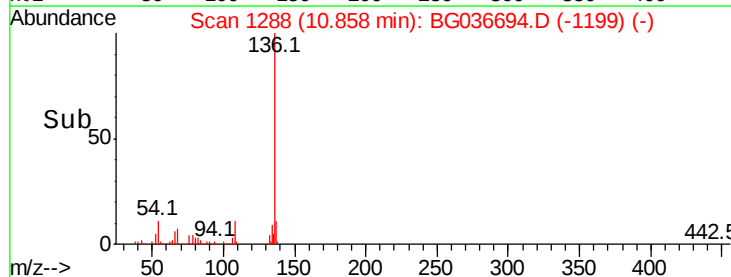
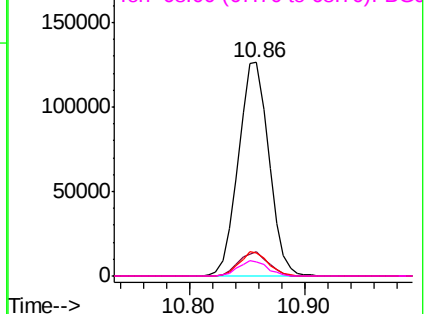
137 11.2 8.8 13.2

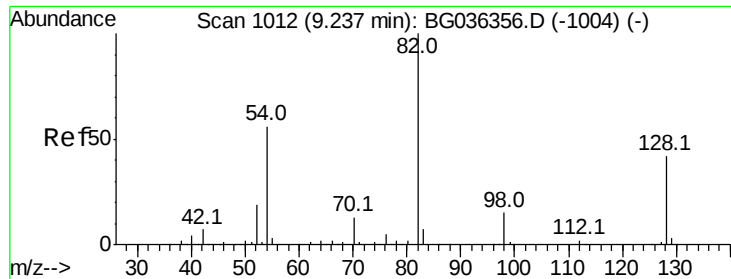
54 10.8 9.2 13.8

68 6.5 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

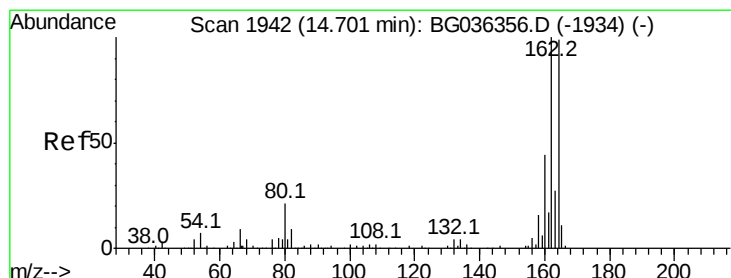
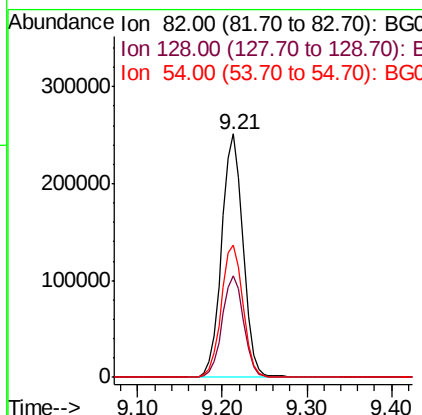
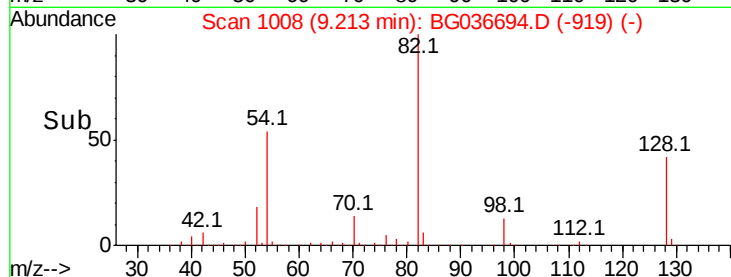
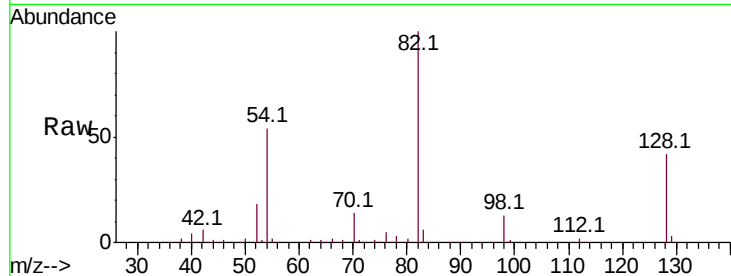




#23
 Nitrobenzene-d5
 Concen: 102.864 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036694.D
 Acq: 13 Sep 2018 22:34

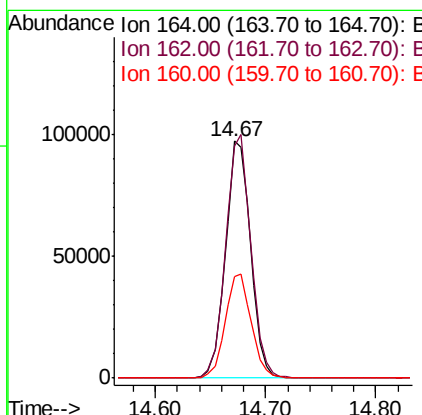
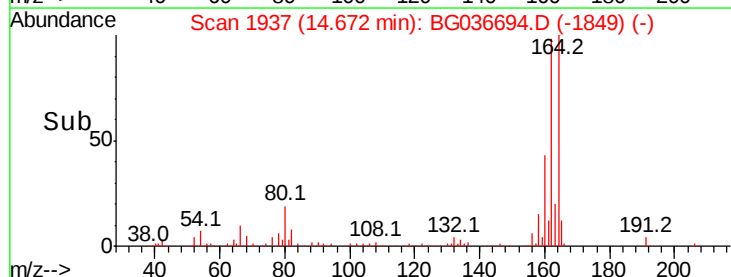
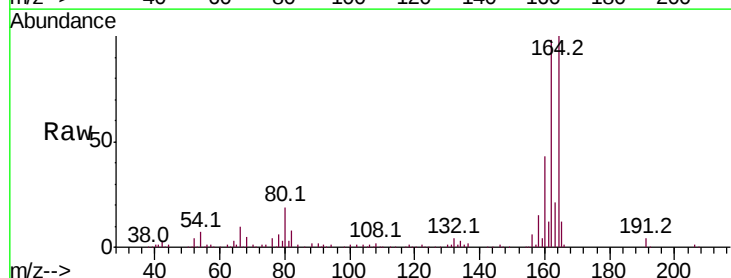
Instrument :
 BNA_G
 ClientSampleId :
 091118-TIPC-F-D-S

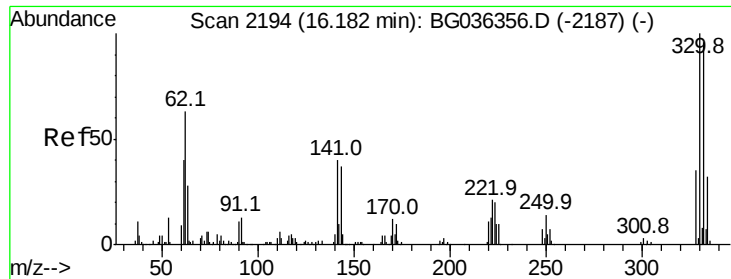
Tot Ion: 82 Resp: 441066
 Ion Ratio Lower Upper
 82 100
 128 41.7 33.3 49.9
 54 54.1 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BG036694.D
 Acq: 13 Sep 2018 22:34

Tgt Ion: 164 Resp: 154582
 Ion Ratio Lower Upper
 164 100
 162 98.1 80.7 121.1
 160 43.0 35.3 52.9

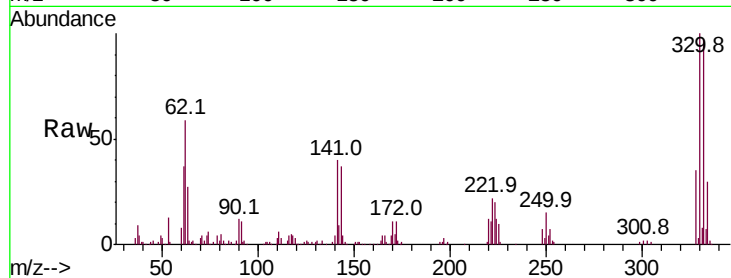




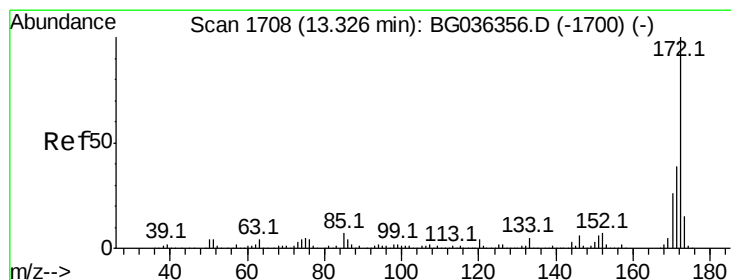
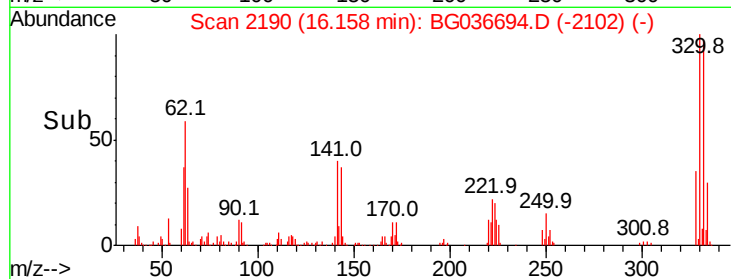
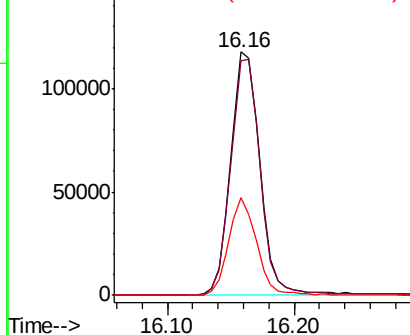
#41
 2,4,6-Tribromophenol
 Concen: 102.112 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036694.D
 Acq: 13 Sep 2018 22:34

Instrument :
 BNA_G
 ClientSampleId :
 091118-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	75.4	113.2
141	38.3	30.7	46.1

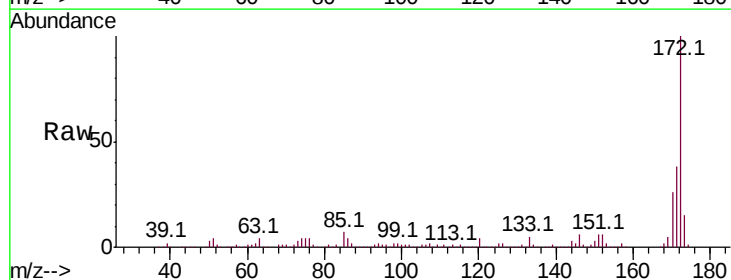


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

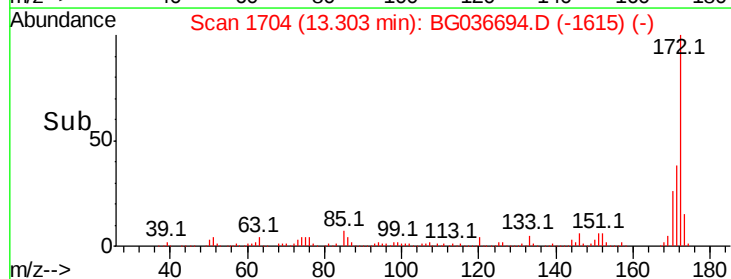
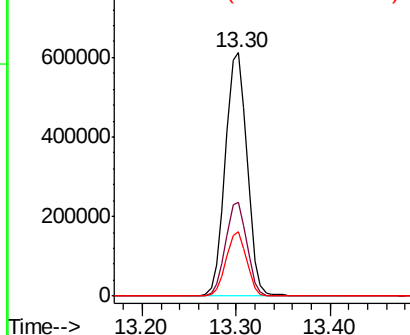


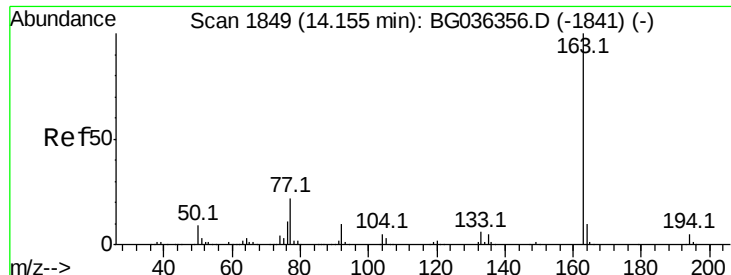
#44
 2-Fluorobiphenyl
 Concen: 91.303 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036694.D
 Acq: 13 Sep 2018 22:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	26.2	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: 7.247 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BG036694.D

Acq: 13 Sep 2018 22:34

Instrument :

BNA_G

ClientSampleId :

091118-TIPC-F-D-S

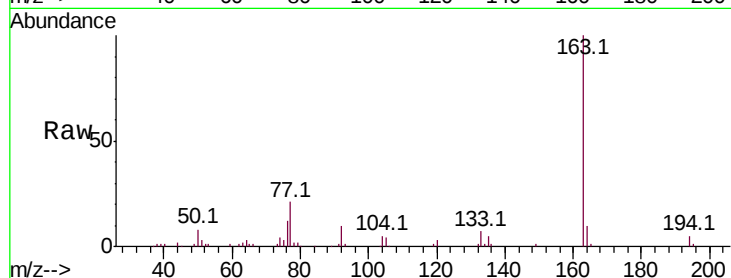
Tot Ion:163 Resp: 91472

Ion Ratio Lower Upper

163 100

194 5.0 4.0 6.0

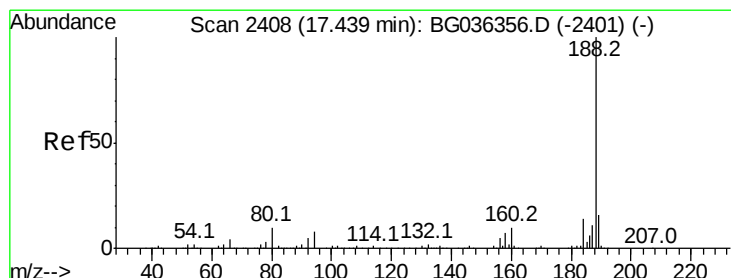
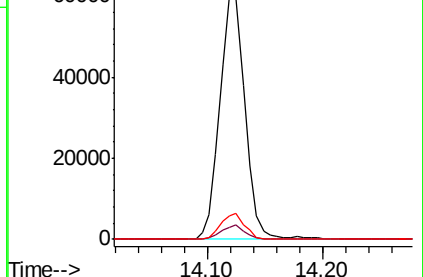
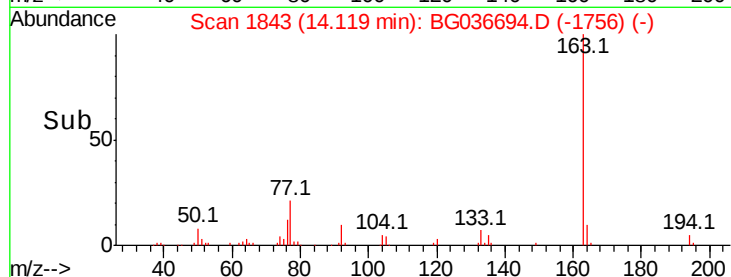
164 9.8 8.1 12.1



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: 17.42 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG036694.D

Acq: 13 Sep 2018 22:34

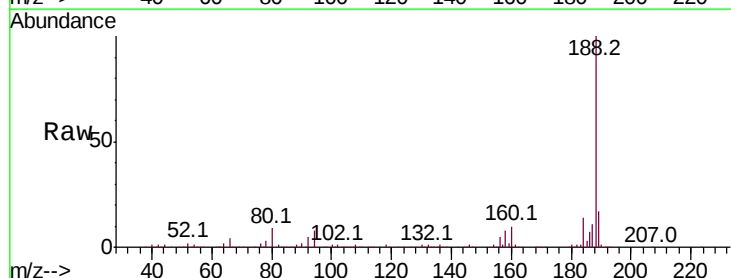
Tgt Ion:188 Resp: 392168

Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

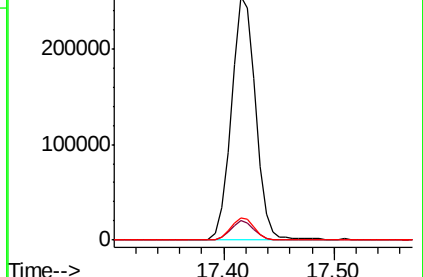
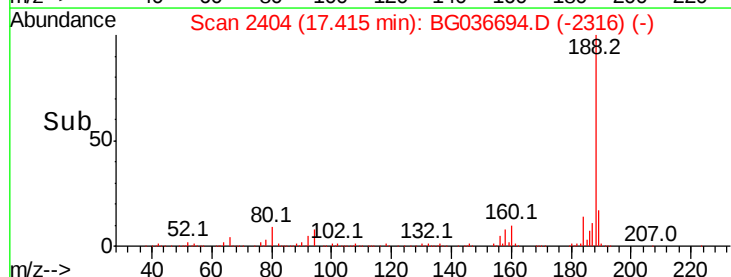
80 9.2 8.1 12.1

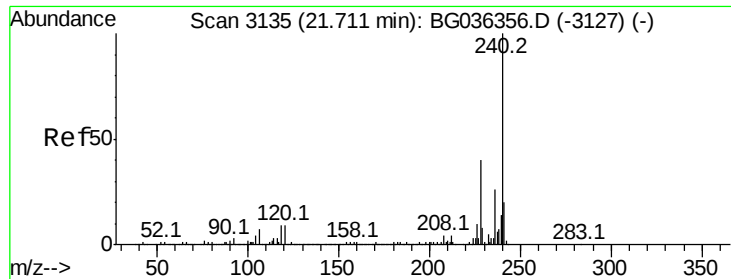


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG036694.D

Acq: 13 Sep 2018 22:34

Instrument :

BNA_G

ClientSampleId :

091118-TIPC-F-D-S

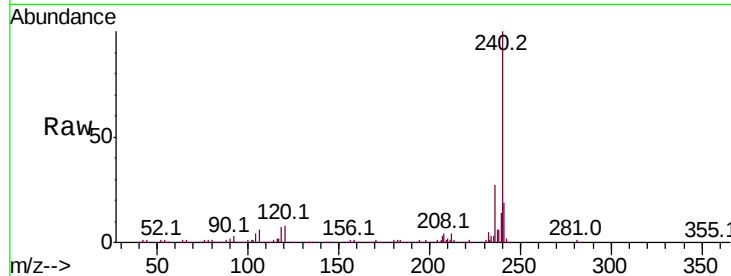
Tot Ion:240 Resp: 396487

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

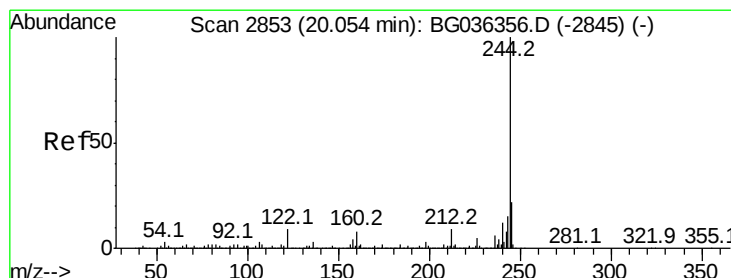
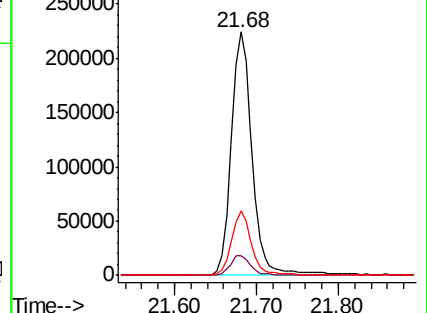
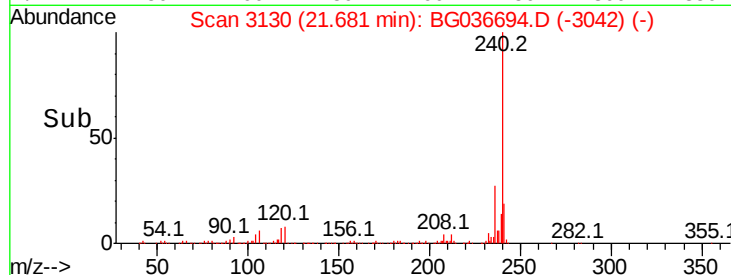
236 26.6 21.2 31.8



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: 99.996 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036694.D

Acq: 13 Sep 2018 22:34

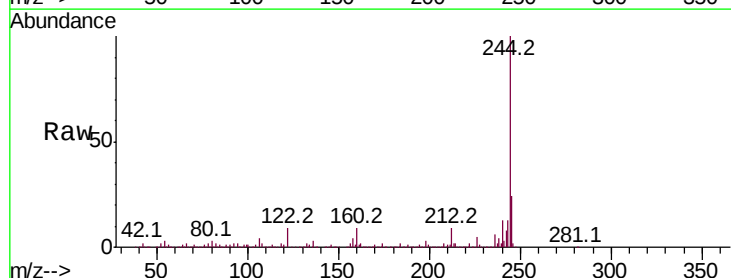
Tgt Ion:244 Resp: 1696249

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

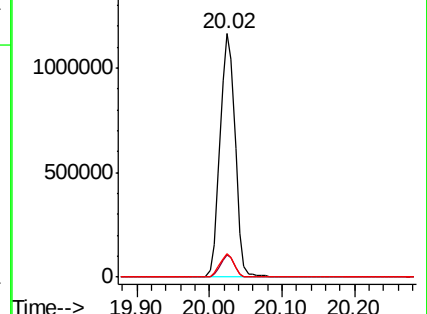
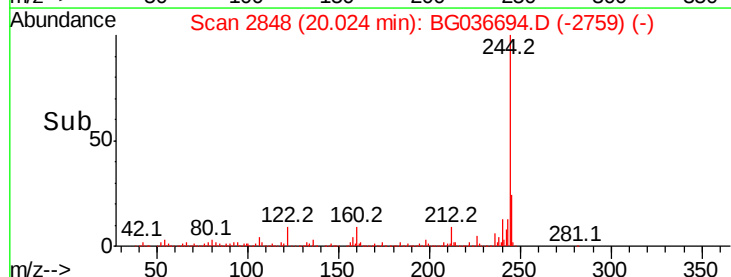
122 9.5 7.1 10.7

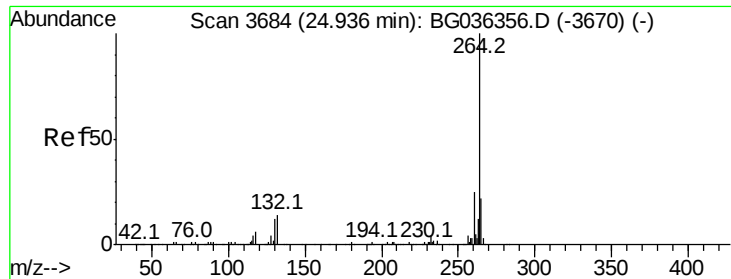


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

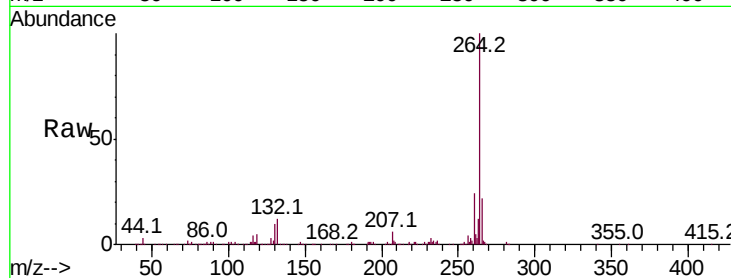




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG036694.D
 Acq: 13 Sep 2018 22:34

Instrument :
 BNA_G
 ClientSampleId :
 091118-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.8	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

