

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
 Data File : BG036614.D
 Acq On : 8 Sep 2018 2:46
 Operator : JU/SJ
 Sample : J4798-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 090418-TIPC-E-D-M

Quant Time: Sep 08 04:28:24 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

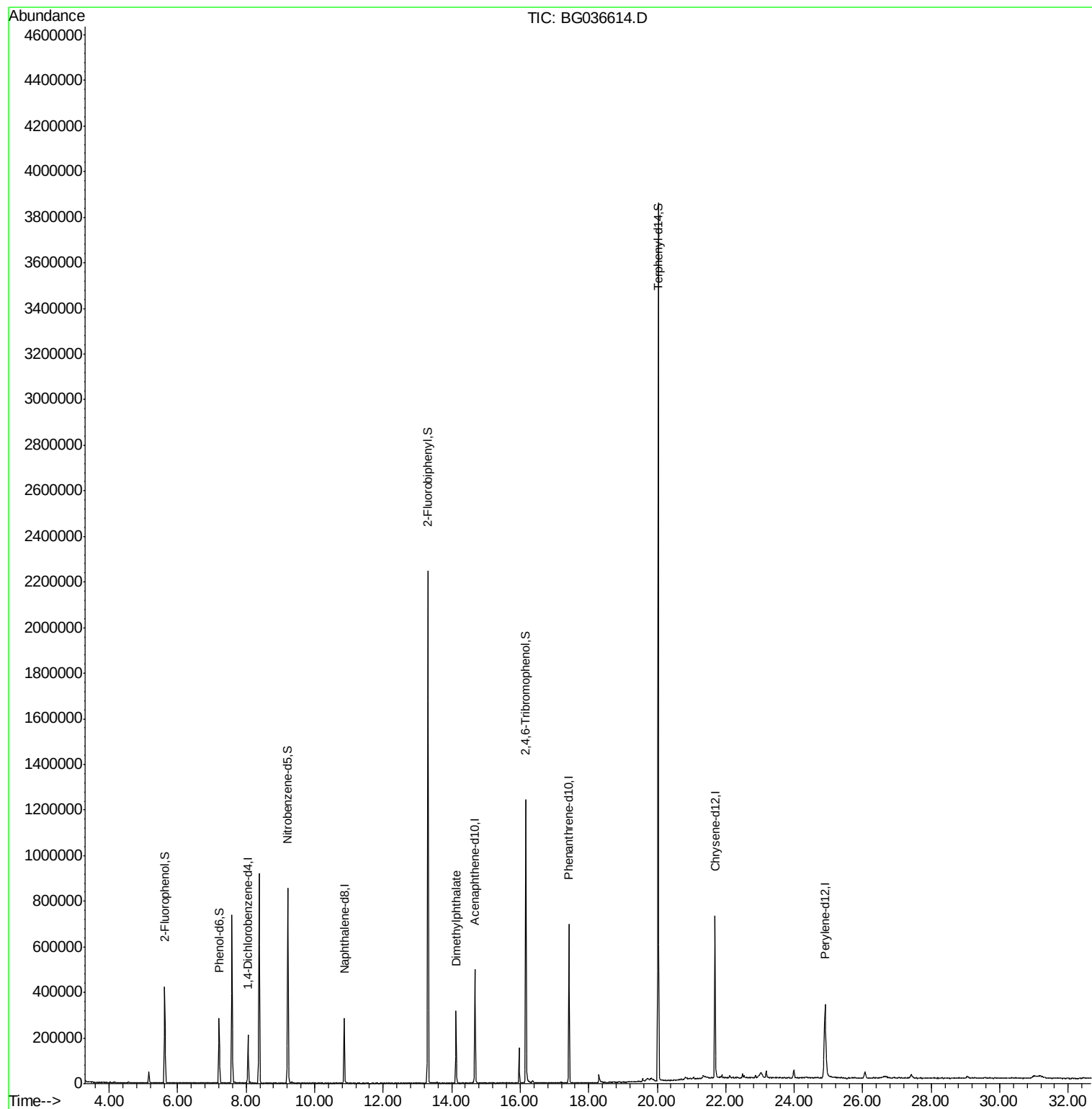
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59025	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	247057	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	174392	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	435407	20.00	ng	0.00
75) Chrysene-d12	21.69	240	438444	20.00	ng	0.00
86) Perylene-d12	24.89	264	419291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	181136	48.68	ng	0.00
7) Phenol-d6	7.21	99	164597	30.90	ng	0.00
23) Nitrobenzene-d5	9.22	82	517926	113.74	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	240986	115.81	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1186113	97.11	ng	0.00
78) Terphenyl-d14	20.03	244	1788294	95.33	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.13	163	221451	15.551	ng	Qvalue 100

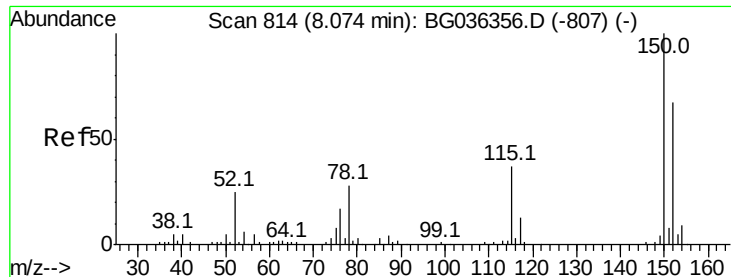
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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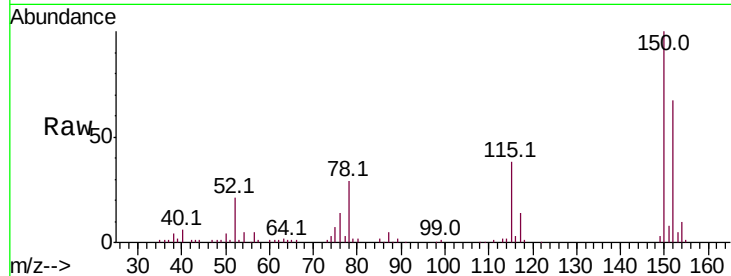


#1

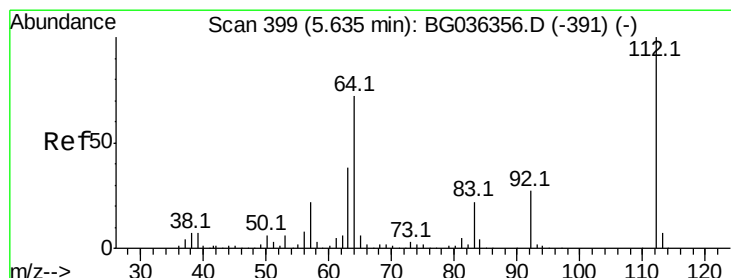
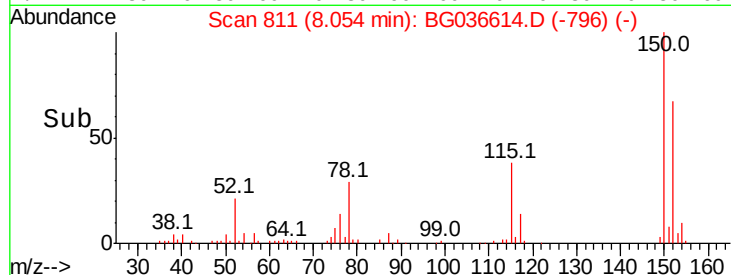
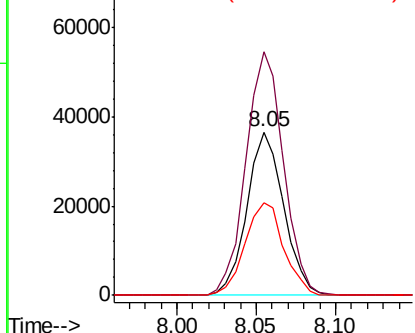
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036614.D
Acq: 8 Sep 2018 2:46

Instrument :
BNA_G
ClientSampleId :
090418-TIPC-E-D-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	119.5	179.3
115	56.8	44.5	66.7



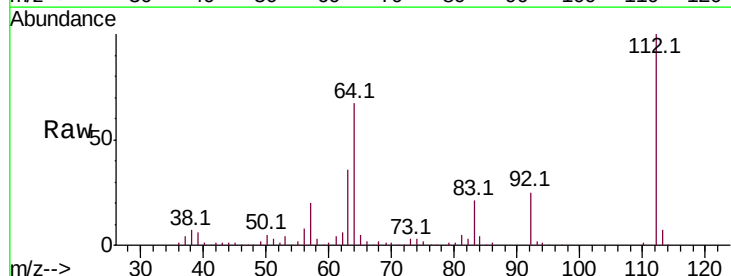
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



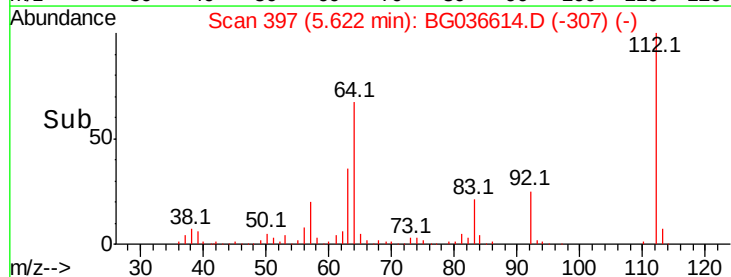
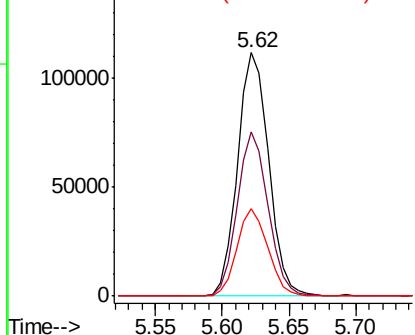
#5

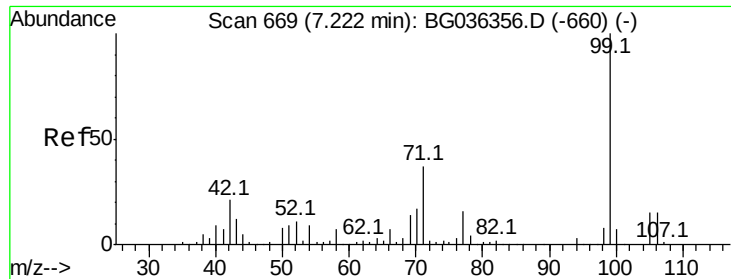
2-Fluorophenol
Concen: 48.680 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036614.D
Acq: 8 Sep 2018 2:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	57.2	85.8
63	35.9	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: 30.896 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036614.D

Acq: 8 Sep 2018 2:46

Instrument :

BNA_G

ClientSampleId :

090418-TIPC-E-D-M

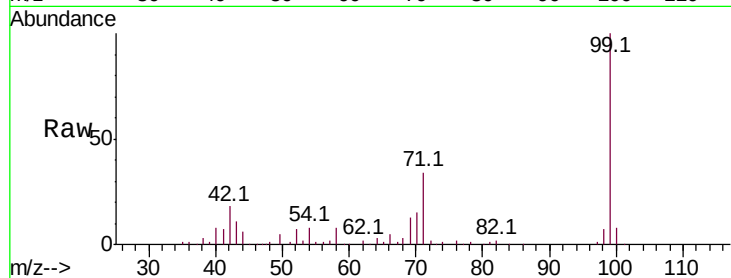
Tot Ion: 99 Resp: 164597

Ion Ratio Lower Upper

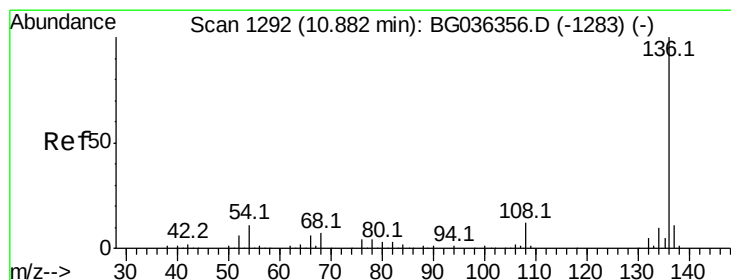
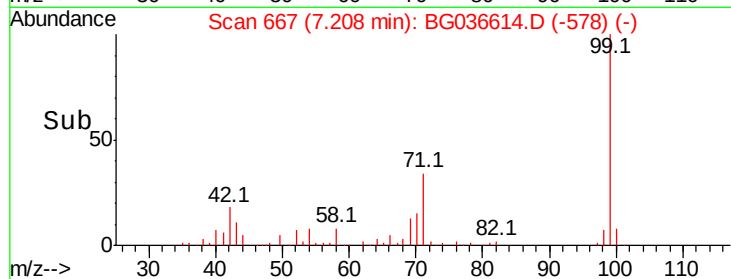
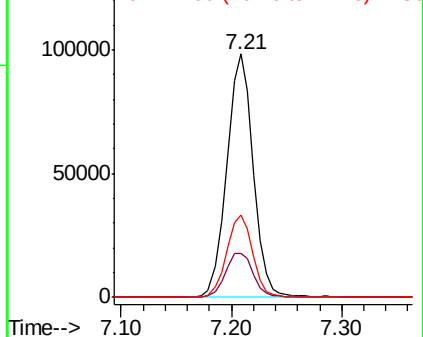
99 100

42 17.9 16.5 24.7

71 33.6 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: BG036614.D

Acq: 8 Sep 2018 2:46

Tgt Ion: 136 Resp: 247057

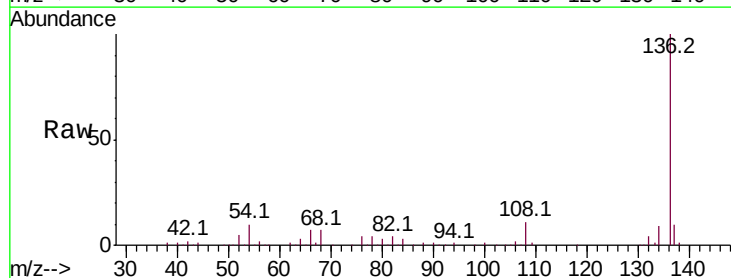
Ion Ratio Lower Upper

136 100

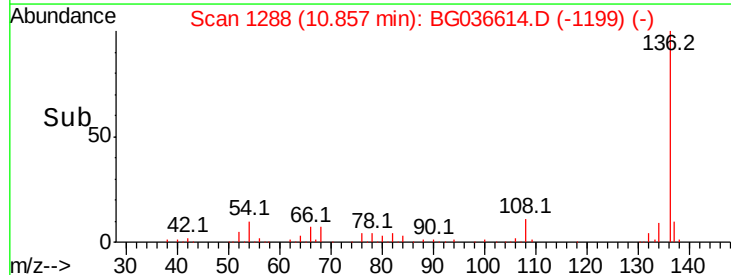
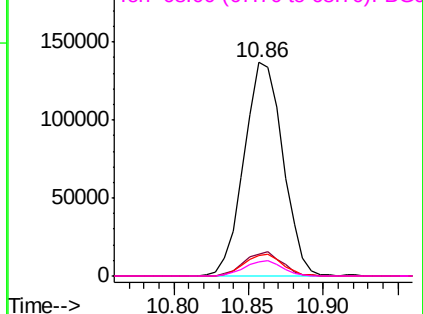
137 10.4 8.8 13.2

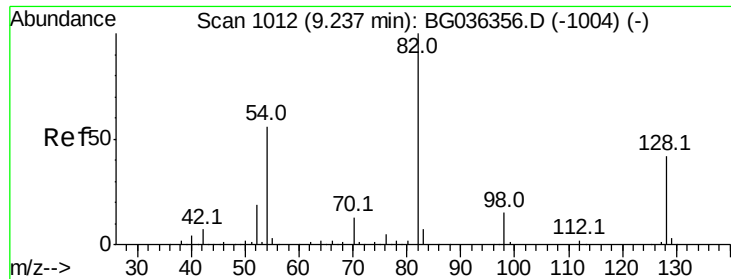
54 9.7 9.2 13.8

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

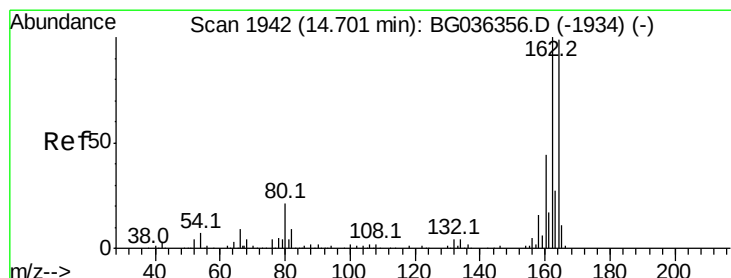
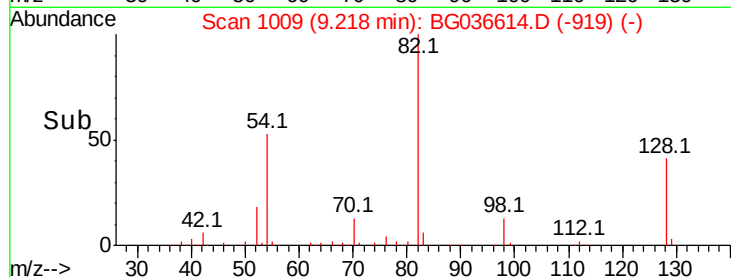
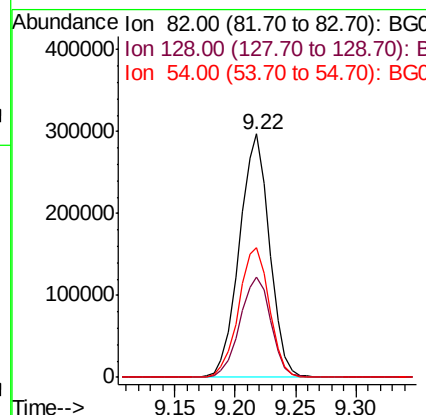
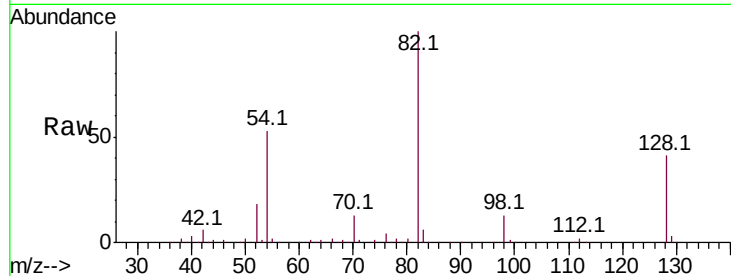




#23
 Nitrobenzene-d5
 Concen: 113.743 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG036614.D
 Acq: 8 Sep 2018 2:46

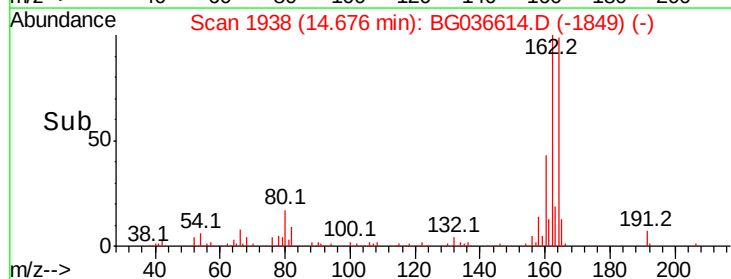
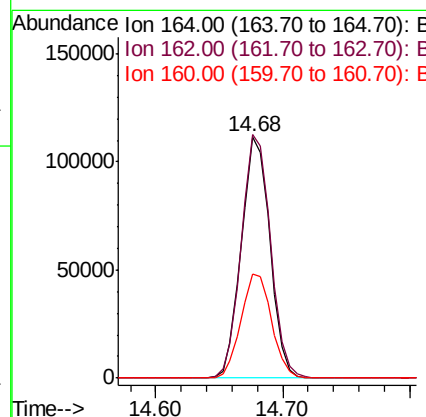
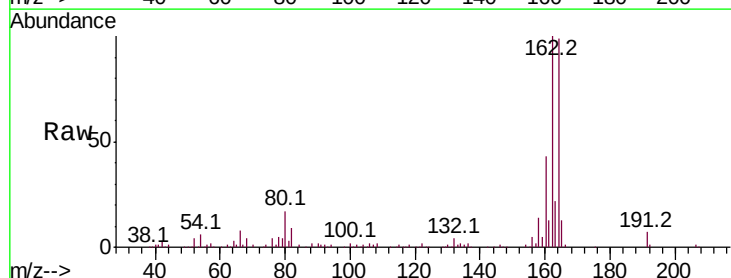
Instrument :
 BNA_G
 ClientSampleId :
 090418-TIPC-E-D-M

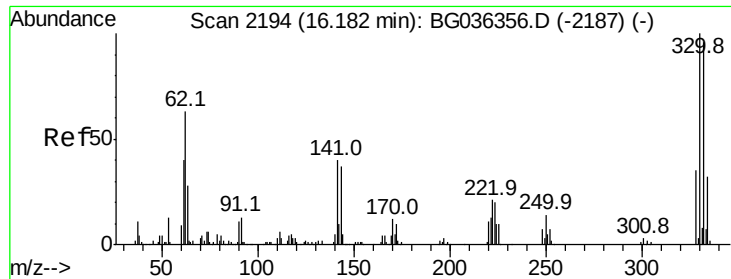
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.3	49.9
54	53.4	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036614.D
 Acq: 8 Sep 2018 2:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.7	121.1
160	43.1	35.3	52.9

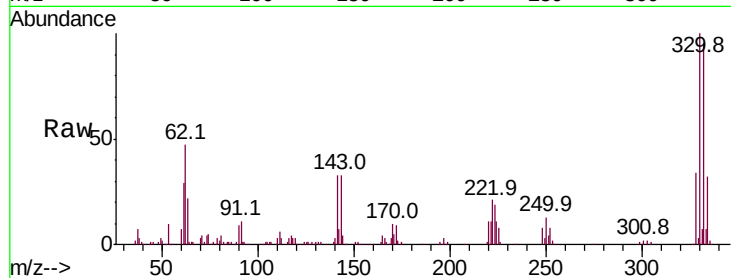




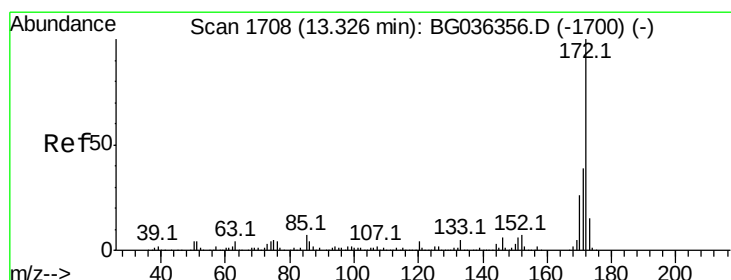
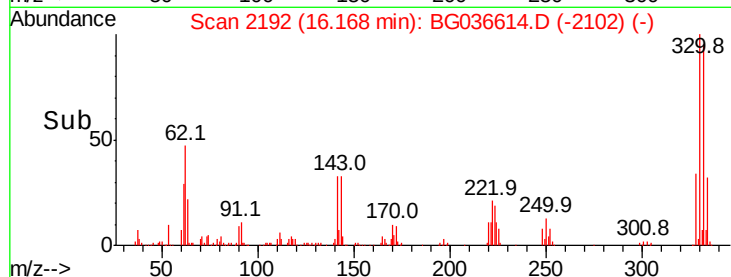
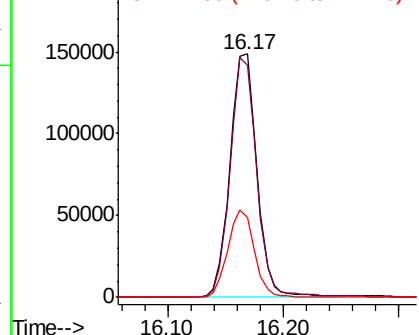
#41
 2,4,6-Tribromophenol
 Concen: 115.809 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036614.D
 Acq: 8 Sep 2018 2:46

Instrument :
 BNA_G
 ClientSampleId :
 090418-TIPC-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.4	113.2
141	35.8	30.7	46.1

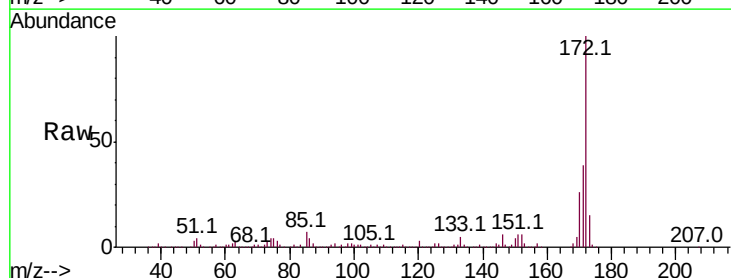


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

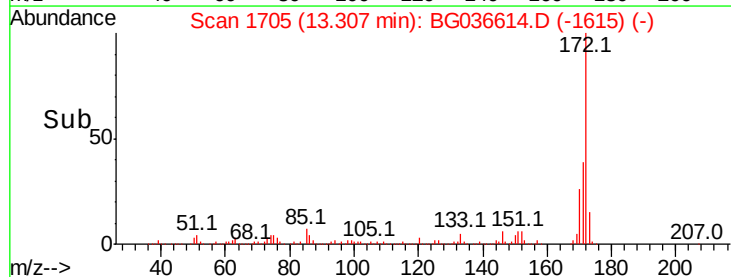
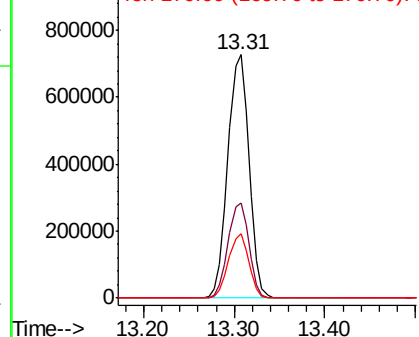


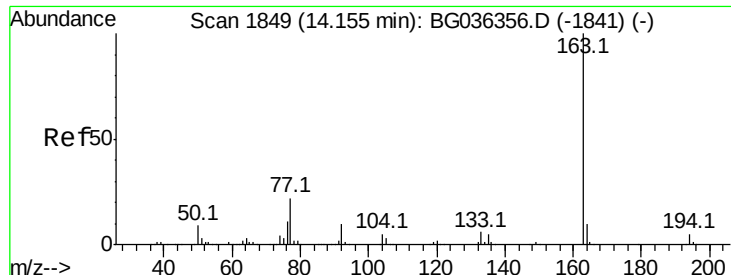
#44
 2-Fluorobiphenyl
 Concen: 97.112 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036614.D
 Acq: 8 Sep 2018 2:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	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

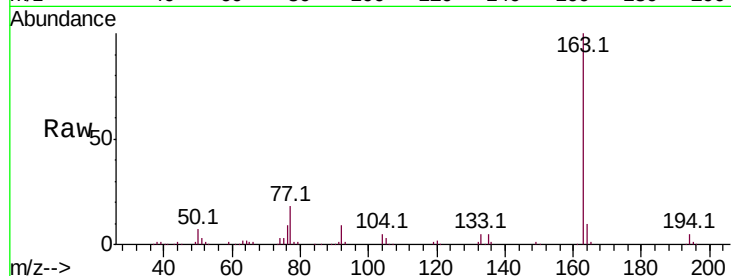




#49
Dimethylphthalate
Concen: 15.551 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036614.D
Acq: 8 Sep 2018 2:46

Instrument :
BNA_G
ClientSampleId :
090418-TIPC-E-D-M

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.0	6.0
164	10.1	8.1	12.1

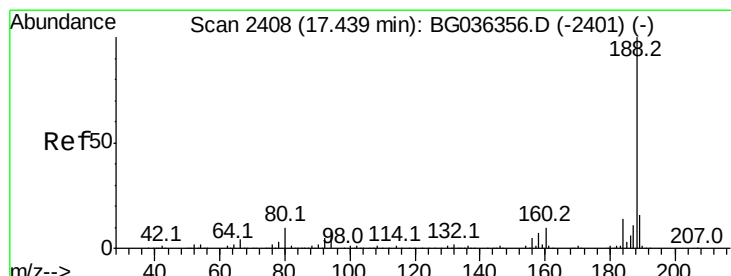
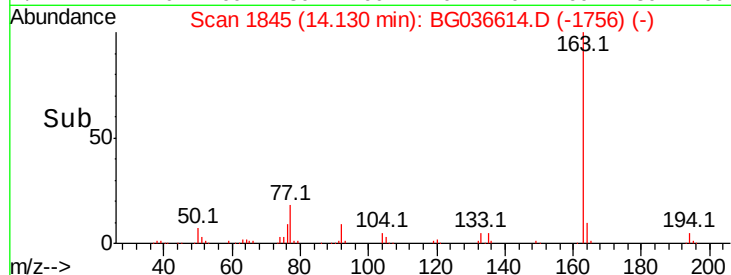
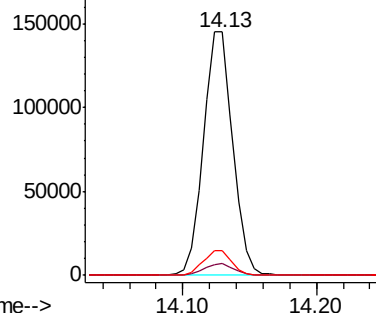


Abundance

Ion 163.00 (162.70 to 163.70): E

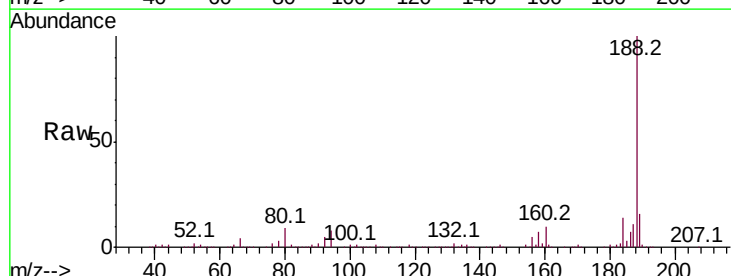
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036614.D
Acq: 8 Sep 2018 2:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.7	10.1
80	9.3	8.1	12.1

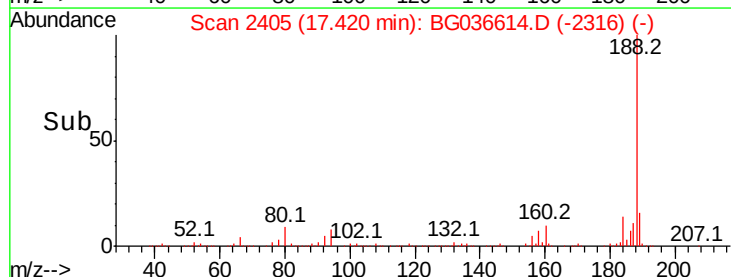
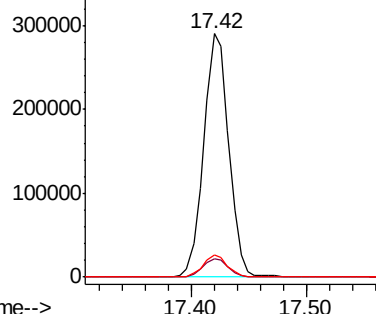


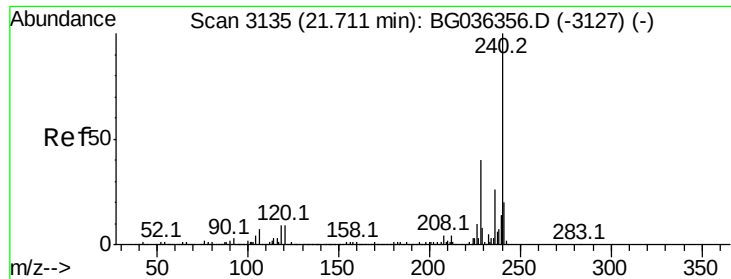
Abundance

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: 21.69 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036614.D

Acq: 8 Sep 2018 2:46

Instrument :

BNA_G

ClientSampleId :

090418-TIPC-E-D-M

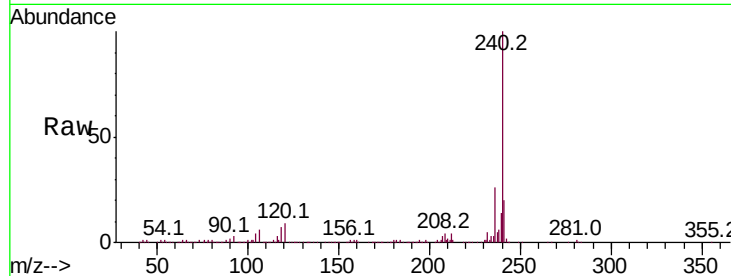
Tot Ion:240 Resp: 438444

Ion Ratio Lower Upper

240 100

120 8.7 6.9 10.3

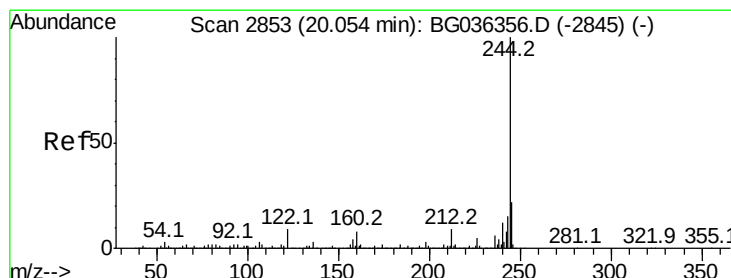
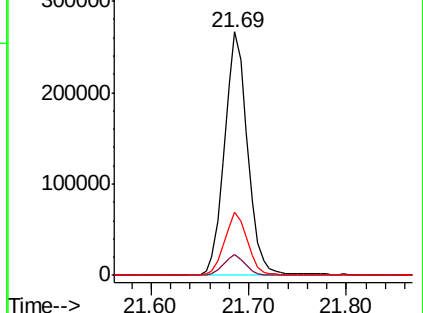
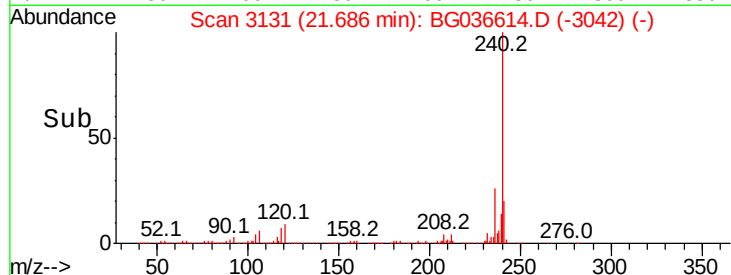
236 26.0 21.2 31.8



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: 95.334 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036614.D

Acq: 8 Sep 2018 2:46

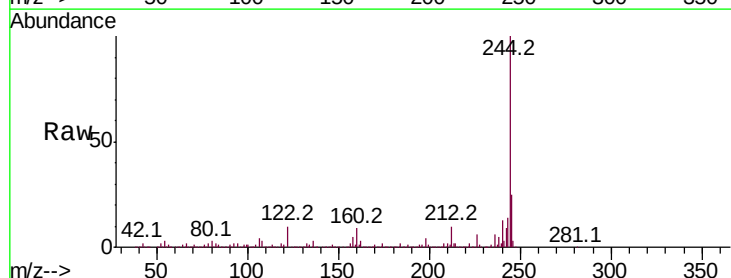
Tgt Ion:244 Resp: 1788294

Ion Ratio Lower Upper

244 100

212 9.9 7.0 10.6

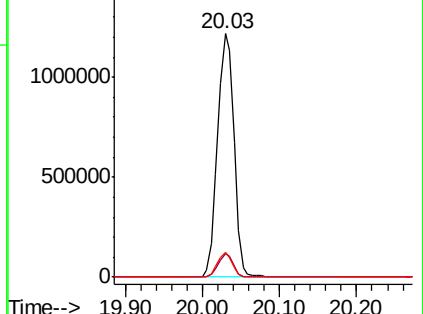
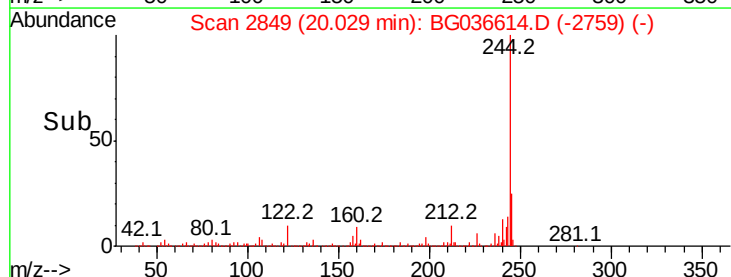
122 10.1 7.1 10.7

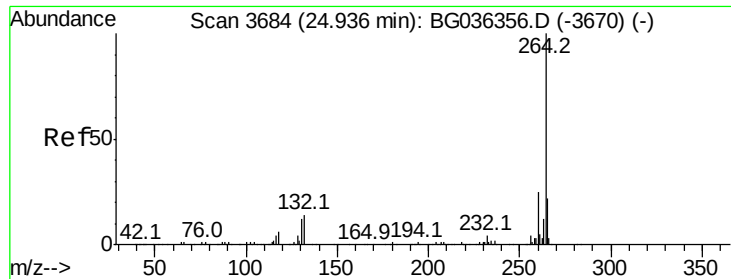


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3677
Delta R.T. -0.01 min
Lab File: BG036614.D
Acq: 8 Sep 2018 2:46

Instrument :
BNA_G
ClientSampleId :
090418-TIPC-E-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	20.9	17.4	26.0

