

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
 Data File : BG036220.D
 Acq On : 9 Aug 2018 6:33
 Operator : JU/SJ
 Sample : J4350-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 080218-TIPC-E-D-M

Quant Time: Aug 09 08:13:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	29615	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	103843	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	73852	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	203519	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	220867	20.00	ng	-0.02
86) Perylene-d12	24.83	264	199110	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	75959	42.58	ng	0.00
7) Phenol-d6	7.18	99	67279	25.28	ng	-0.01
23) Nitrobenzene-d5	9.17	82	256328	103.12	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	105411	108.29	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	565656	102.62	ng	-0.02
78) Terphenyl-d14	19.98	244	1035430	103.34	ng	-0.02

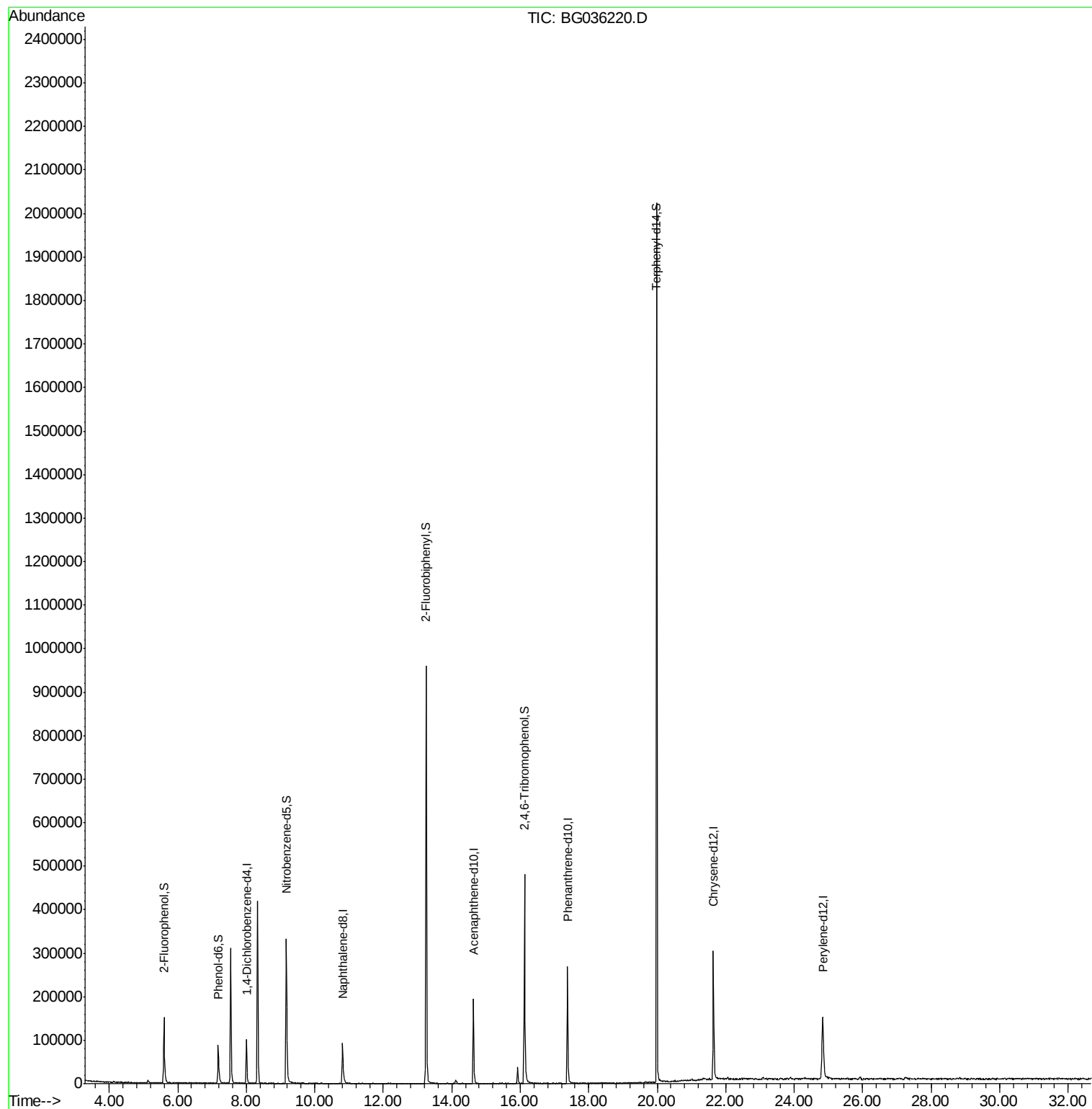
Target Compounds	Qvalue
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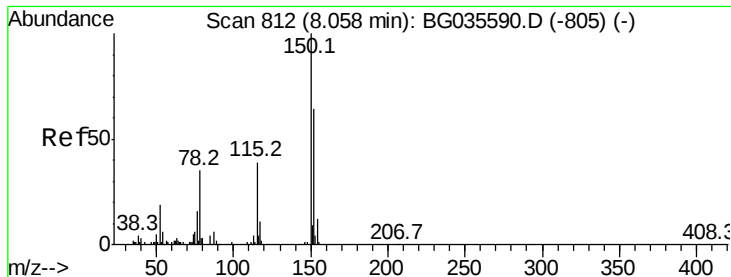
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG036220.D

Acq: 9 Aug 2018 6:33

Instrument :

BNA_G

ClientSampleId :

080218-TIPC-E-D-M

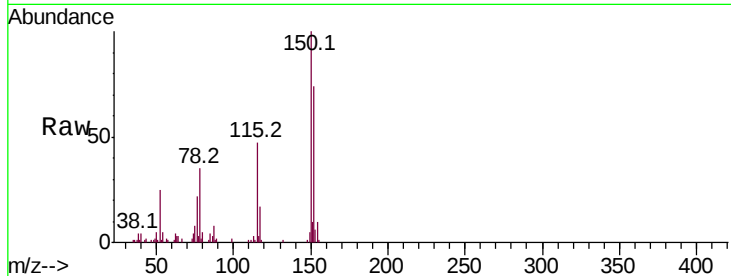
Tot Ion:152 Resp: 29615

Ion Ratio Lower Upper

152 100

150 135.5 126.6 189.8

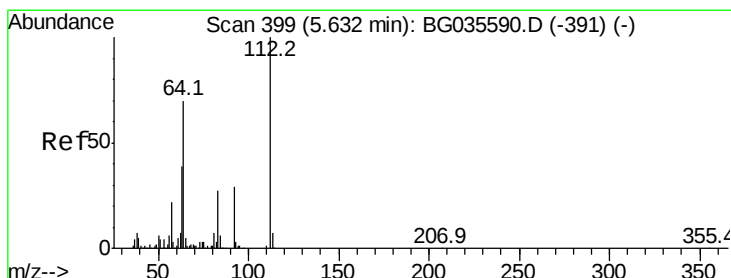
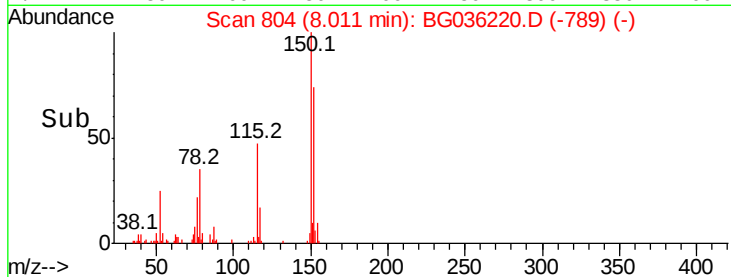
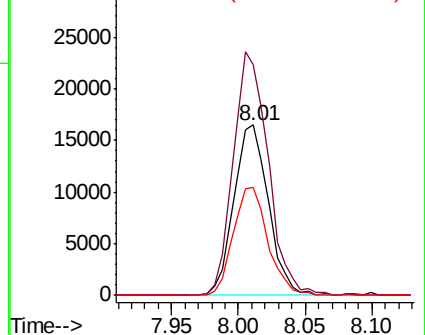
115 63.2 53.0 79.4



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: 42.583 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036220.D

Acq: 9 Aug 2018 6:33

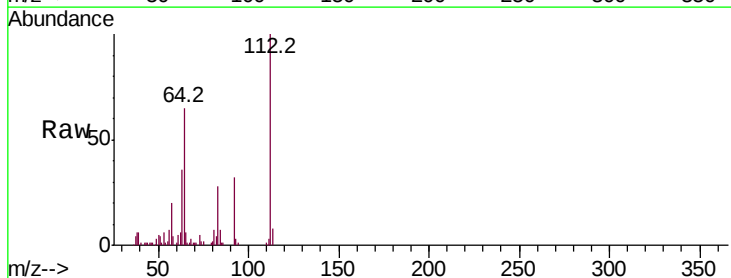
Tgt Ion:112 Resp: 75959

Ion Ratio Lower Upper

112 100

64 64.9 56.3 84.5

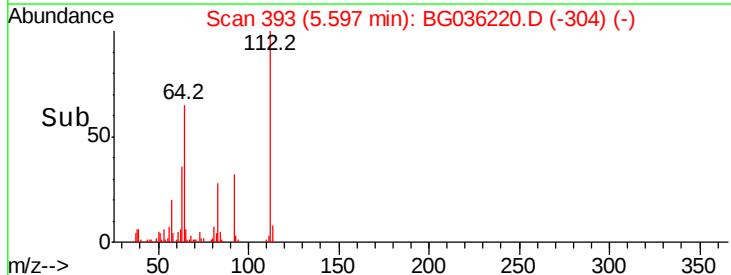
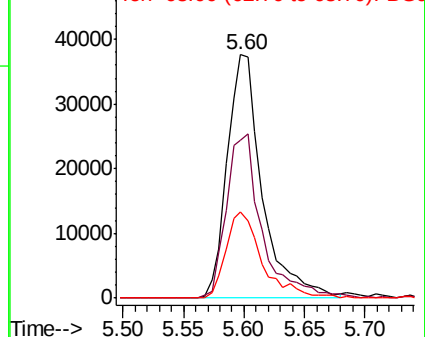
63 35.6 30.1 45.1

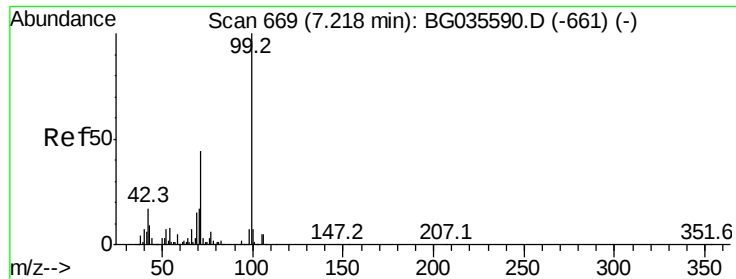


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 25.280 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036220.D

Acq: 9 Aug 2018 6:33

Instrument :

BNA_G

ClientSampleId :

080218-TIPC-E-D-M

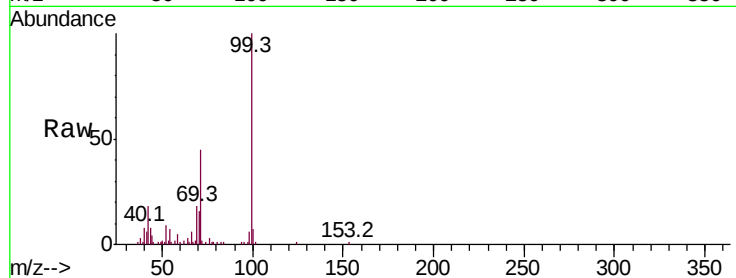
Tot Ion: 99 Resp: 67279

Ion Ratio Lower Upper

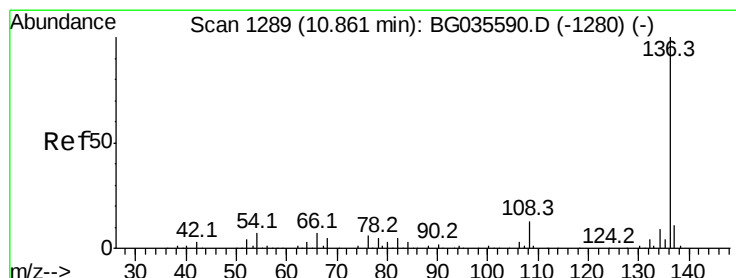
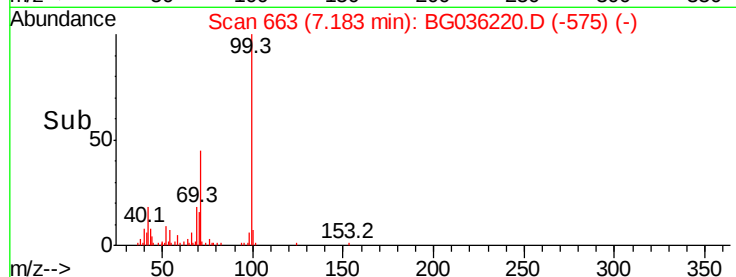
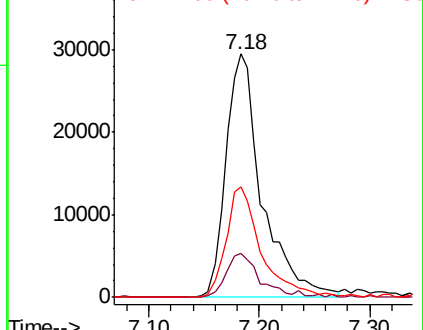
99 100

42 18.2 14.1 21.1

71 45.4 26.1 39.1#



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: 10.81 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG036220.D

Acq: 9 Aug 2018 6:33

Tgt Ion:136 Resp: 103843

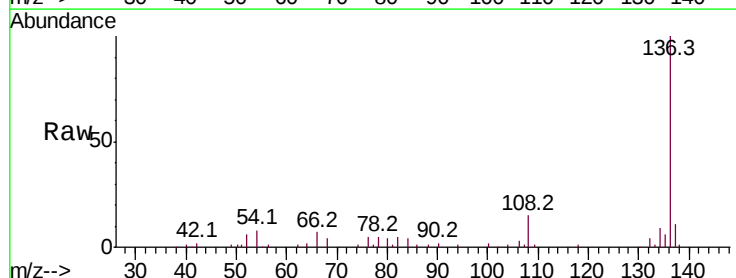
Ion Ratio Lower Upper

136 100

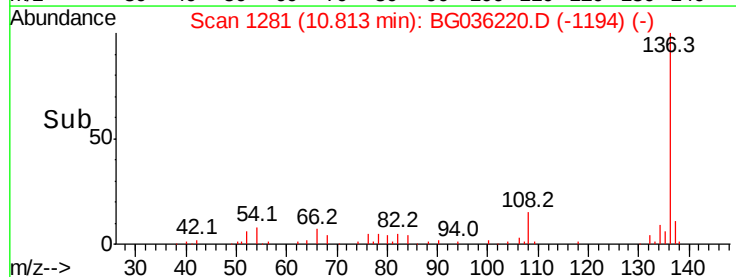
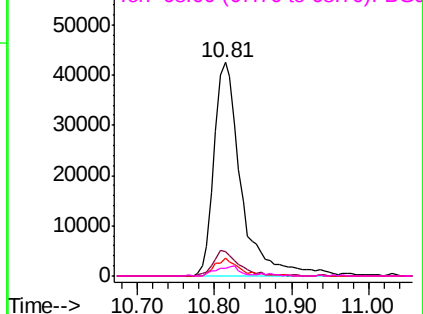
137 11.3 9.2 13.8

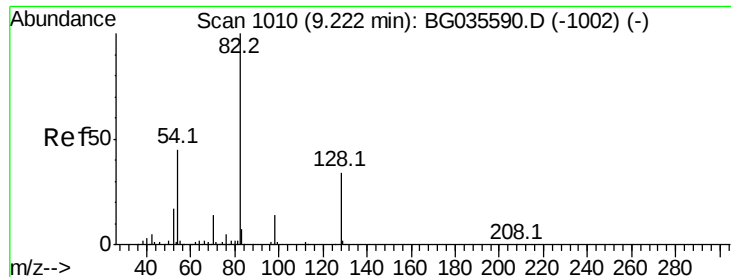
54 8.3 10.3 15.5#

68 3.7 4.5 6.7#



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

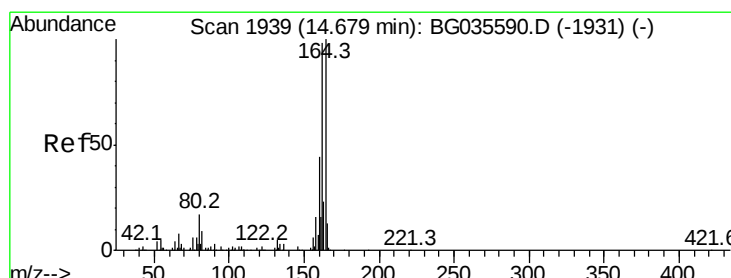
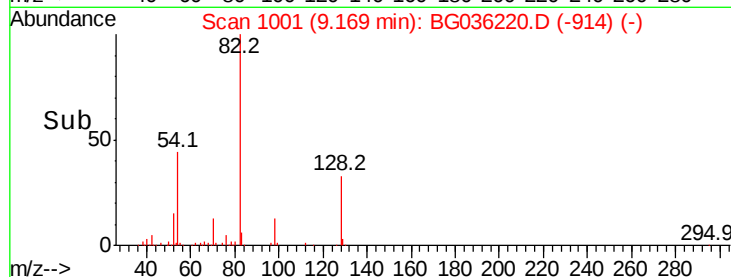
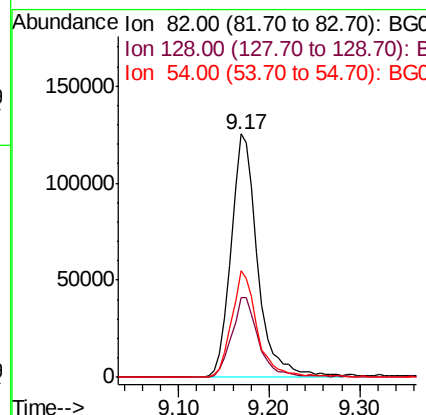
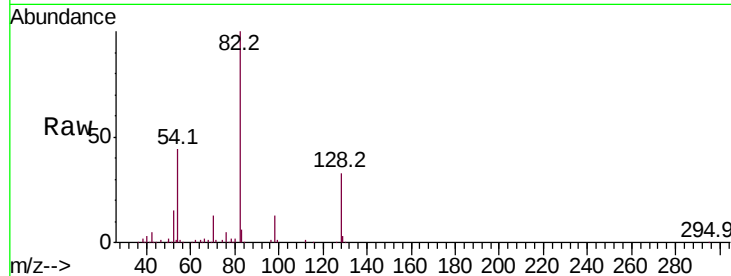




#23
Nitrobenzene-d5
Concen: 103.118 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036220.D
Acq: 9 Aug 2018 6:33

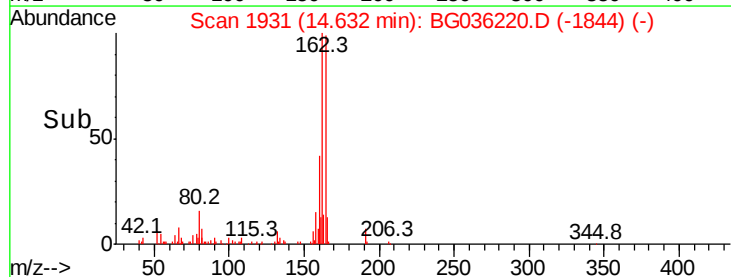
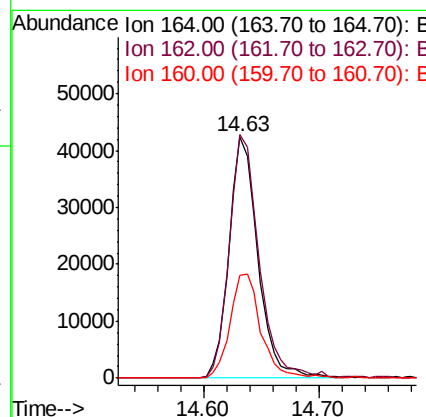
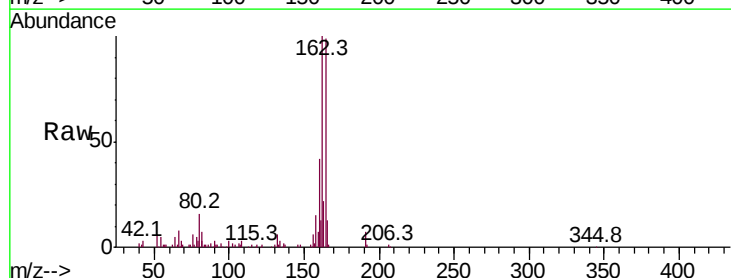
Instrument :
BNA_G
ClientSampleId :
080218-TIPC-E-D-M

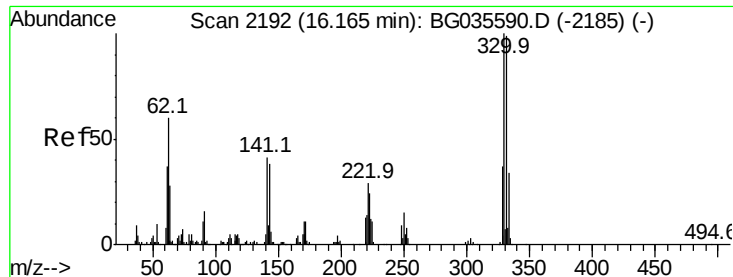
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.8	29.7	44.5
54	43.6	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036220.D
Acq: 9 Aug 2018 6:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	78.8	118.2
160	42.8	35.4	53.0

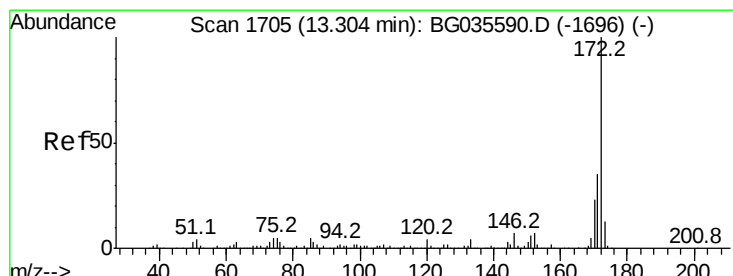
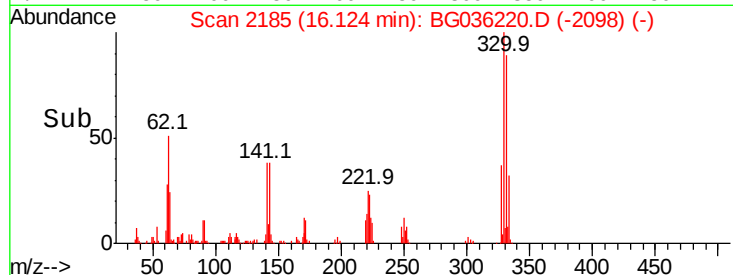
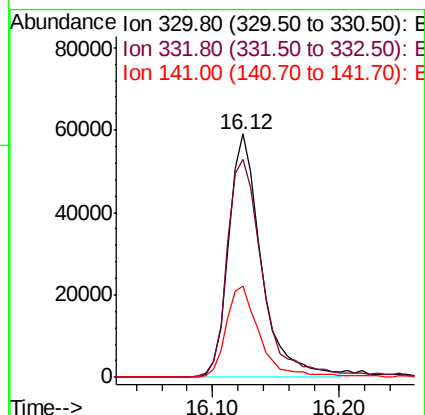
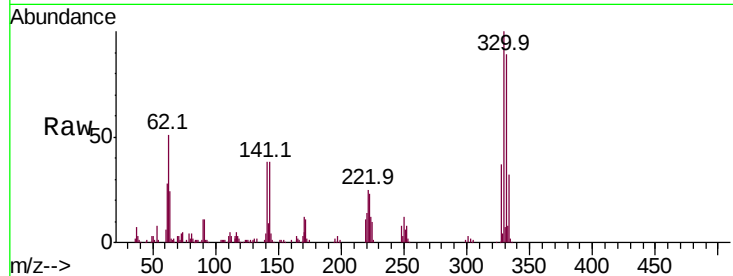




#41
 2,4,6-Tribromophenol
 Concen: 108.290 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036220.D
 Acq: 9 Aug 2018 6:33

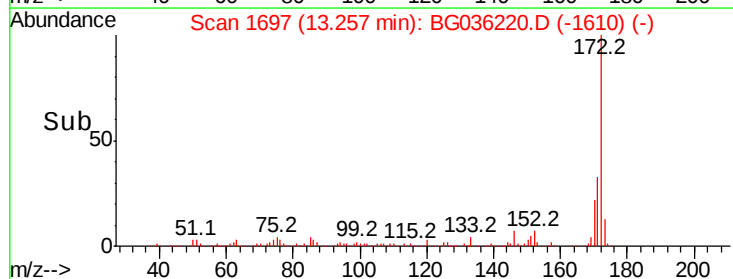
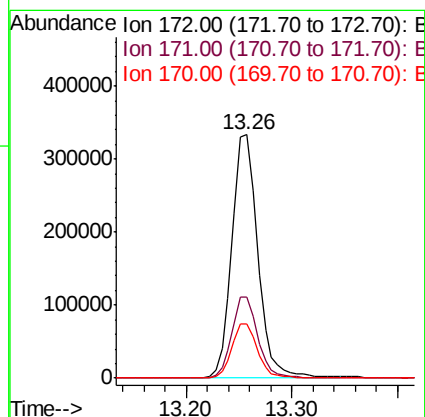
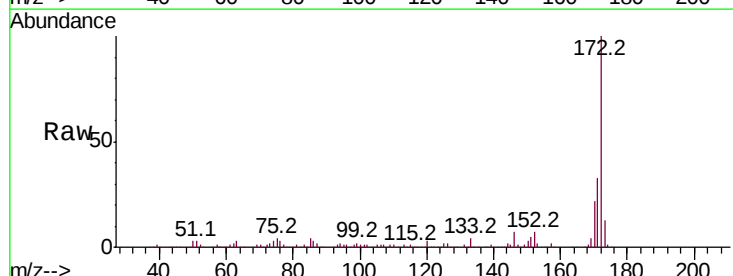
Instrument :
 BNA_G
 ClientSampleId :
 080218-TIPC-E-D-M

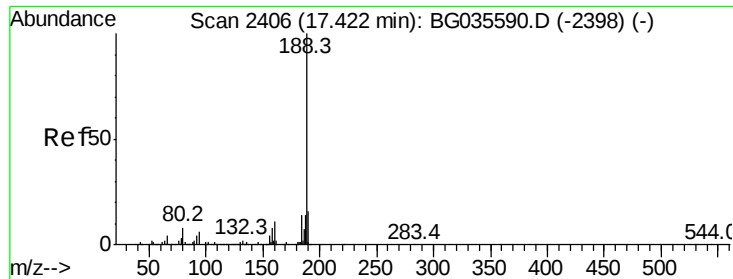
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	39.2	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 102.615 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036220.D
 Acq: 9 Aug 2018 6:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	30.0	45.0
170	22.3	19.5	29.3

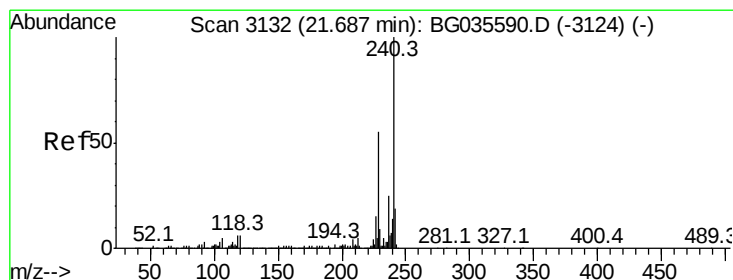
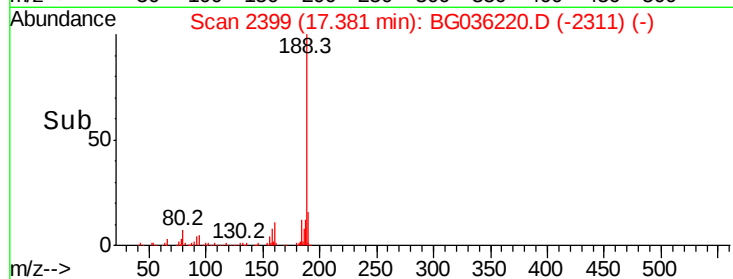
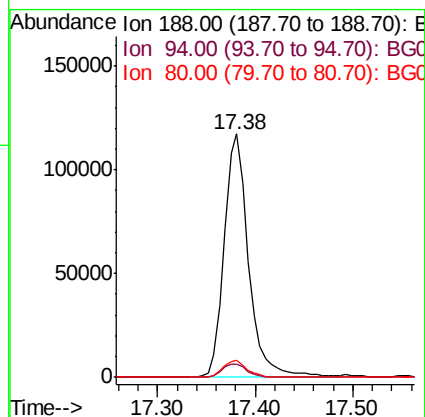
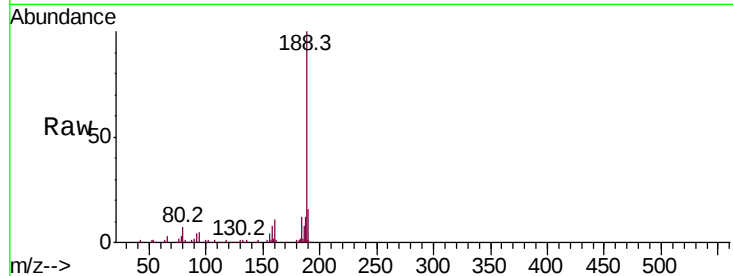




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036220.D
Acq: 9 Aug 2018 6:33

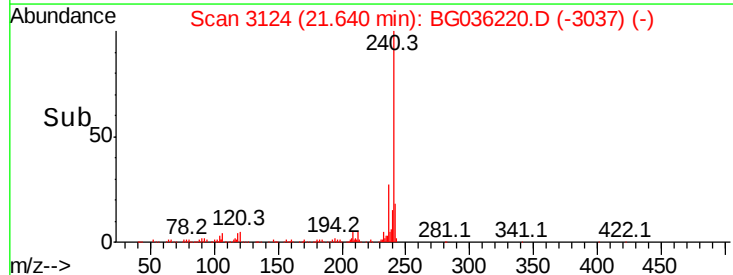
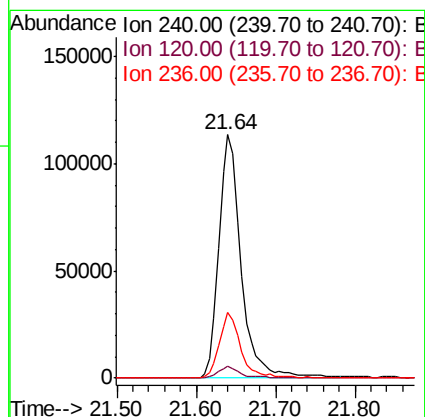
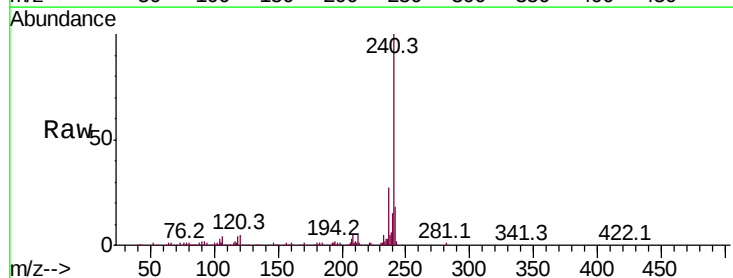
Instrument :
BNA_G
ClientSampleId :
080218-TIPC-E-D-M

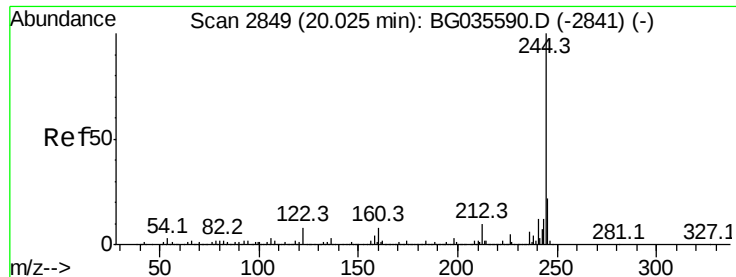
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.2	6.9	10.3#
80	7.1	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036220.D
Acq: 9 Aug 2018 6:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	26.9	20.9	31.3





#78

Terphenyl-d14

Concen: 103.338 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036220.D

Acq: 9 Aug 2018 6:33

Instrument :

BNA_G

ClientSampleId :

080218-TIPC-E-D-M

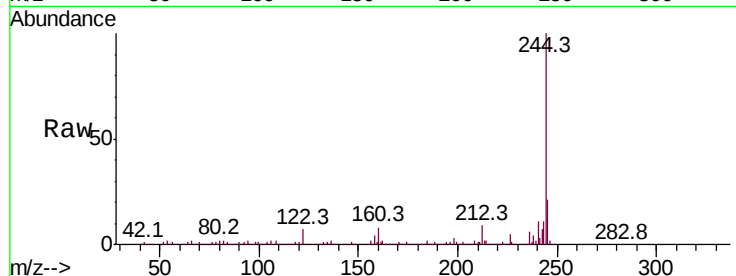
Tot Ion:244 Resp: 1035430

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

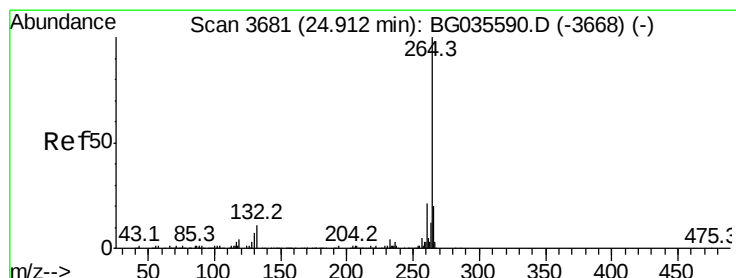
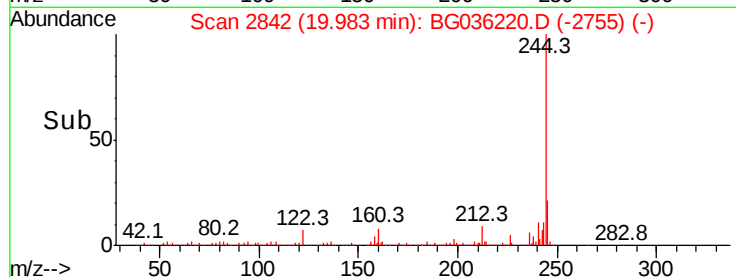
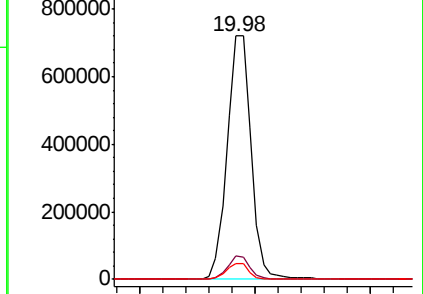
122 6.7 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3667

Delta R.T. -0.03 min

Lab File: BG036220.D

Acq: 9 Aug 2018 6:33

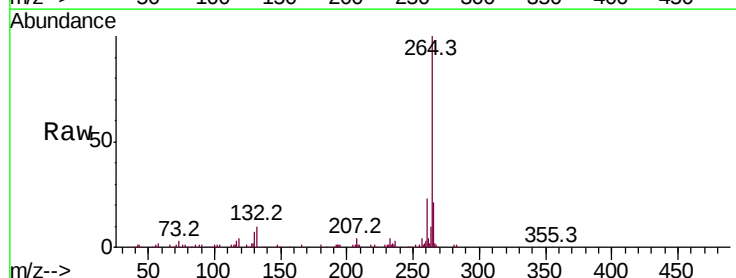
Tgt Ion:264 Resp: 199110

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 21.1 17.7 26.5



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

