

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
 Data File : BG036135.D
 Acq On : 6 Aug 2018 20:05
 Operator : JU/SJ
 Sample : J4313-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-14

Quant Time: Aug 07 01:21:12 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	28906	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	95664	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	68495	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	208925	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	234731	20.00	ng	-0.02
86) Perylene-d12	24.82	264	211170	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	222421	127.75	ng	0.00
7) Phenol-d6	7.18	99	272966	105.08	ng	-0.01
23) Nitrobenzene-d5	9.17	82	247092	107.90	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	161992	179.43	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	532901	104.23	ng	-0.02
78) Terphenyl-d14	19.99	244	1219839	114.55	ng	-0.01

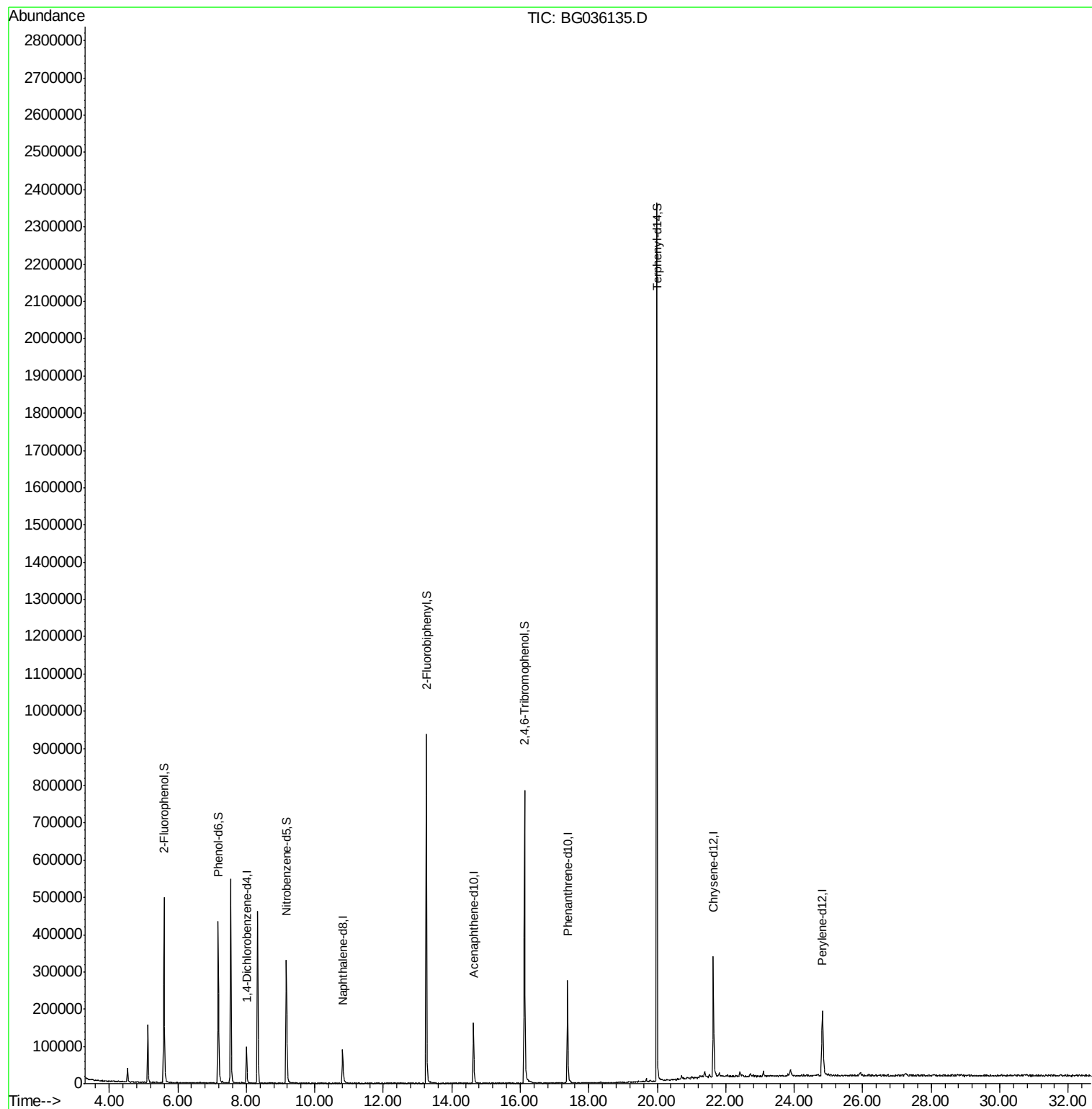
Target Compounds Qvalue

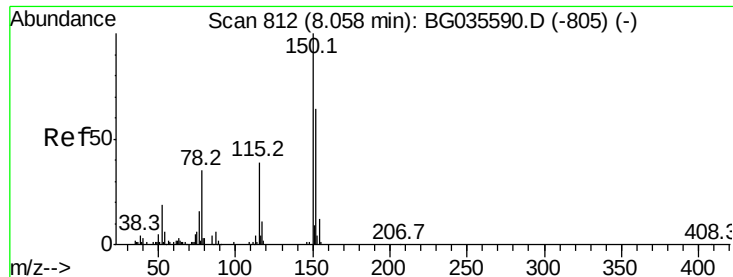
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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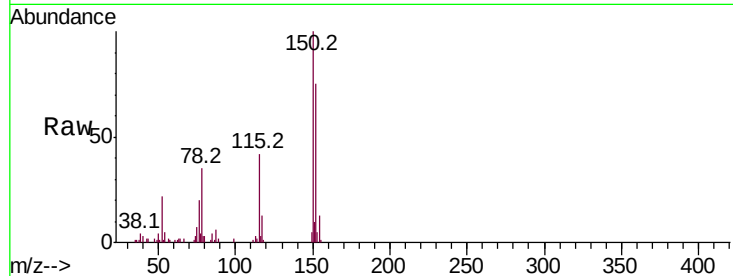


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BG036135.D
 Acq: 6 Aug 2018 20:05

Instrument :
 BNA_G
 ClientSampleId :
 C-14

Tot Ion	Ratio	Lower	Upper
152	100		
150	133.5	126.6	189.8
115	55.6	53.0	79.4

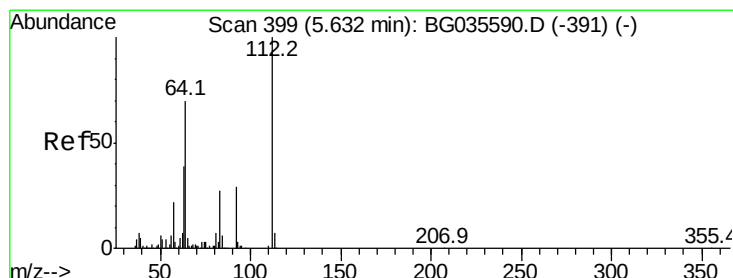
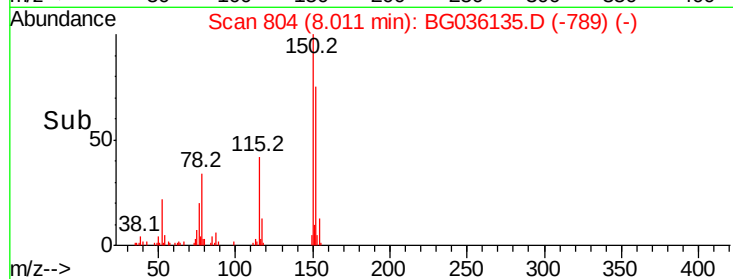
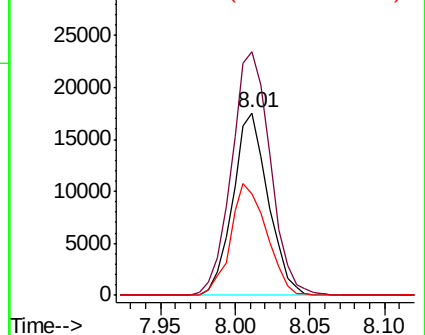


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

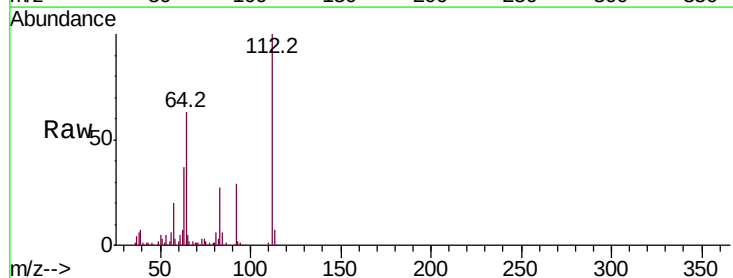
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 127.749 ng
 RT: 5.60 min Scan# 393
 Delta R.T. -0.01 min
 Lab File: BG036135.D
 Acq: 6 Aug 2018 20:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	56.3	84.5
63	37.1	30.1	45.1

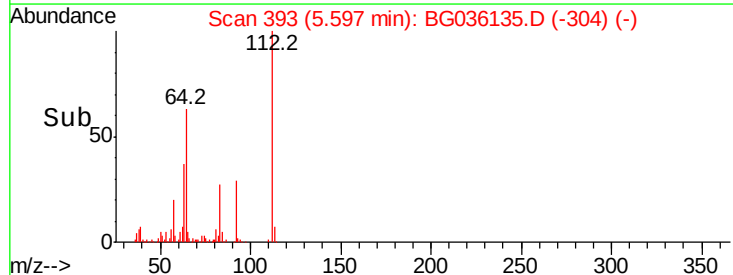
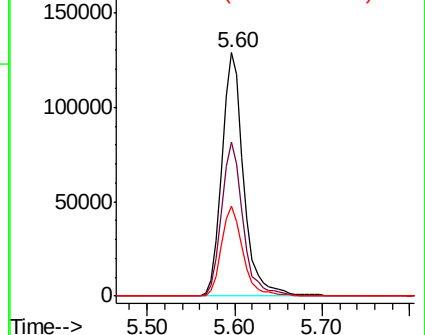


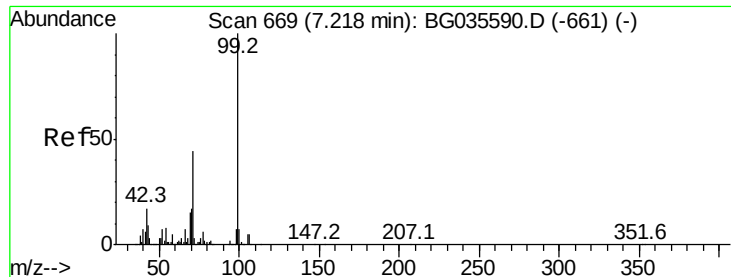
Abundance

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: 105.081 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036135.D

Acq: 6 Aug 2018 20:05

Instrument :

BNA_G

ClientSampleId :

C-14

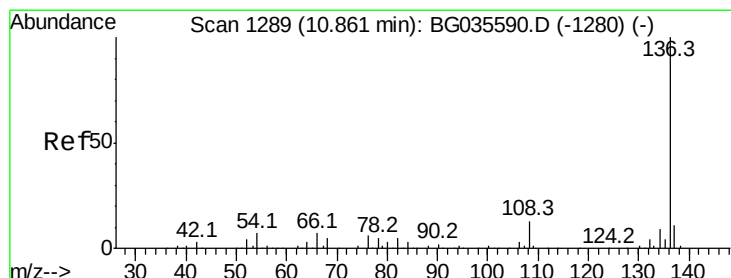
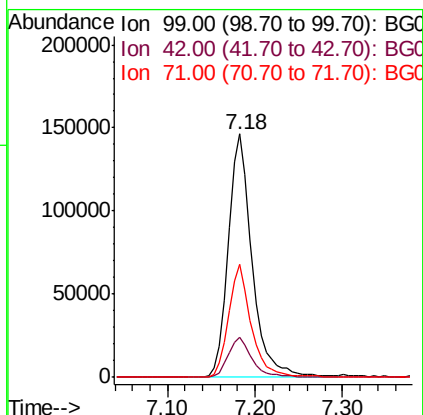
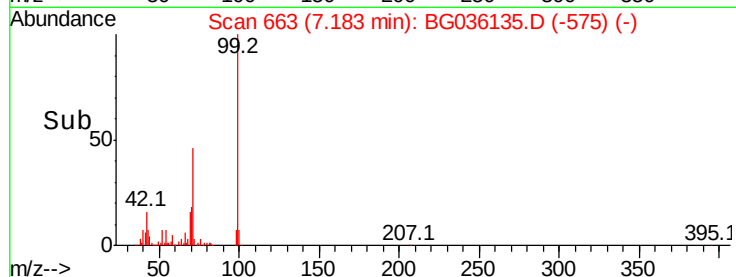
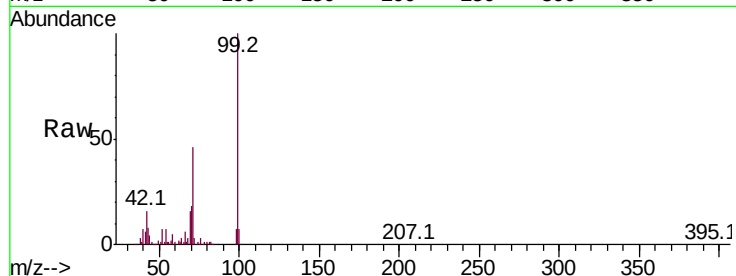
Tot Ion: 99 Resp: 272966

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

71 46.3 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG036135.D

Acq: 6 Aug 2018 20:05

Tgt Ion: 136 Resp: 95664

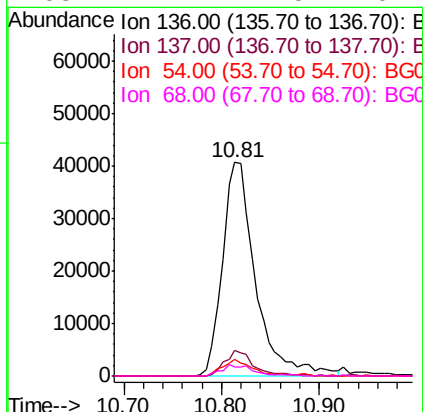
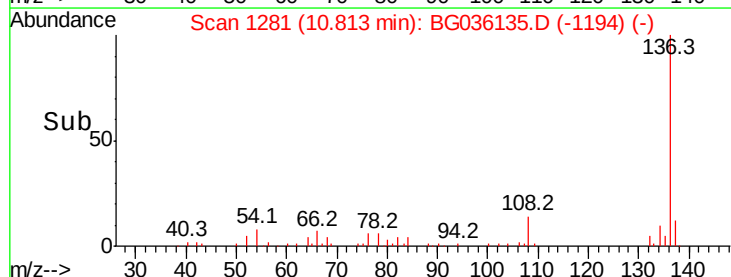
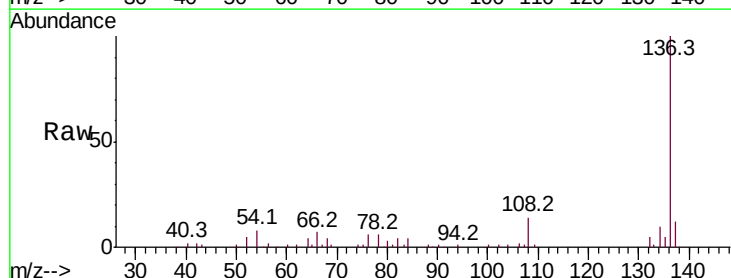
Ion Ratio Lower Upper

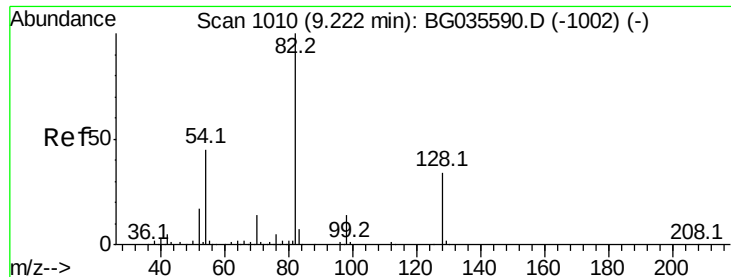
136 100

137 11.8 9.2 13.8

54 7.9 10.3 15.5#

68 4.4 4.5 6.7#

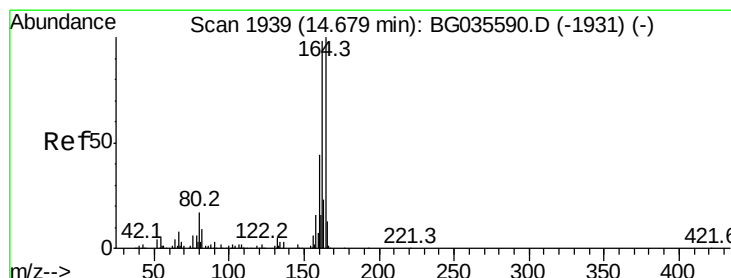
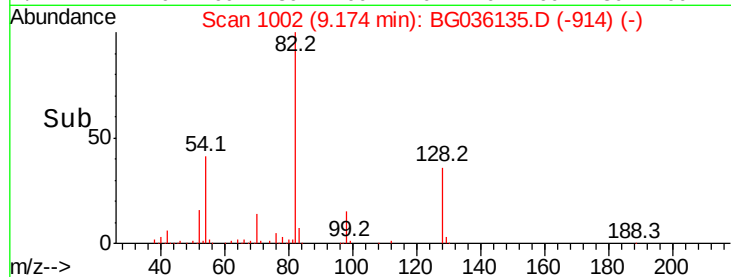
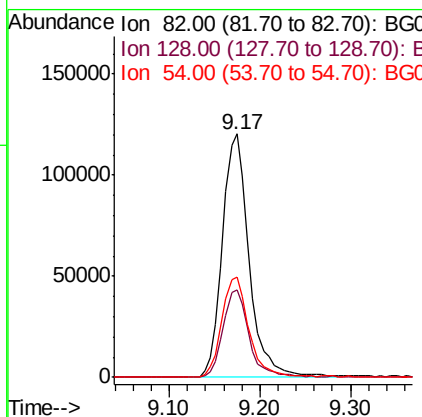
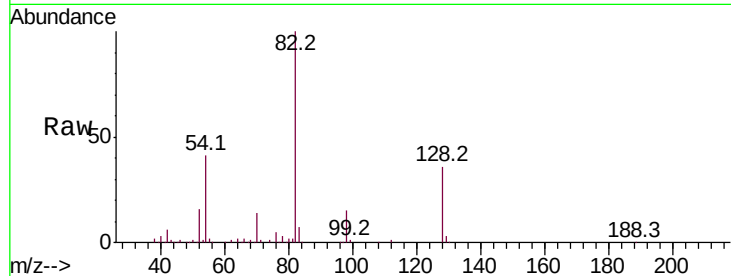




#23
 Nitrobenzene-d5
 Concen: 107.901 ng
 RT: 9.17 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BG036135.D
 Acq: 6 Aug 2018 20:05

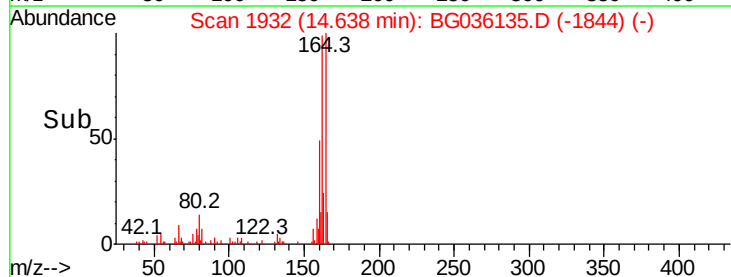
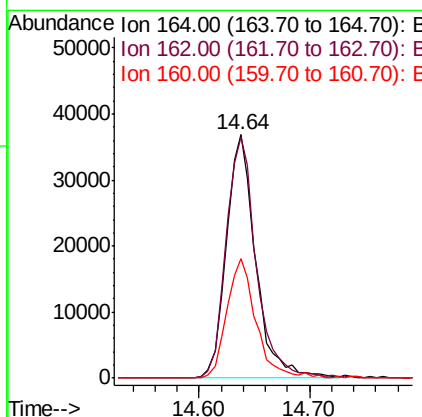
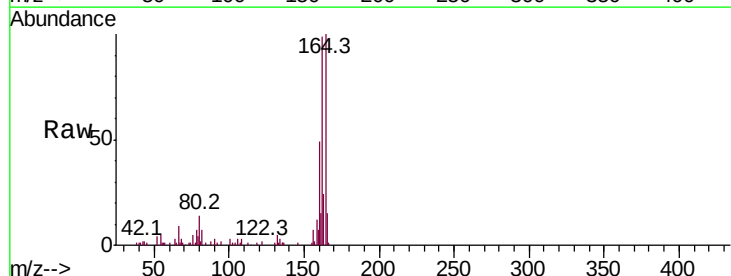
Instrument :
 BNA_G
 ClientSampleId :
 C-14

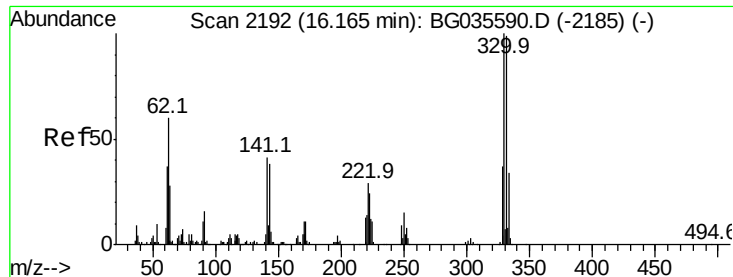
Tot Ion	82	Resp	247092
Ion Ratio	Lower	Upper	
82	100		
128	36.1	29.7	44.5
54	41.1	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG036135.D
 Acq: 6 Aug 2018 20:05

Tgt Ion	164	Resp	68495
Ion Ratio	Lower	Upper	
164	100		
162	99.1	78.8	118.2
160	49.2	35.4	53.0

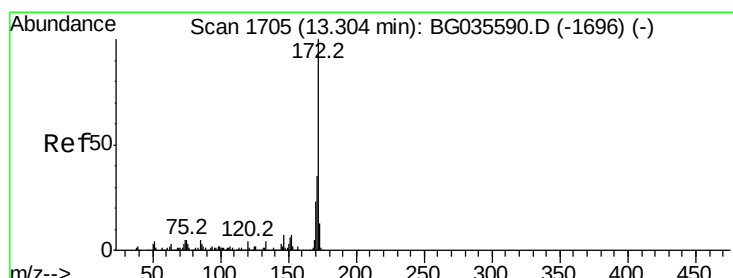
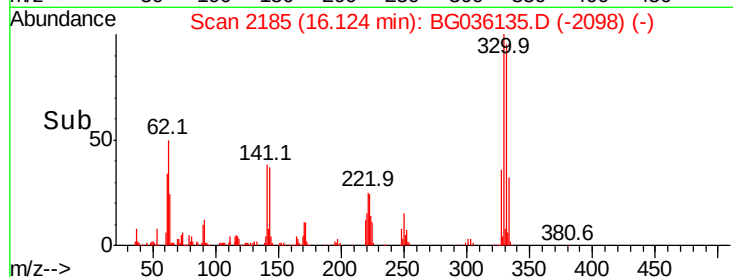
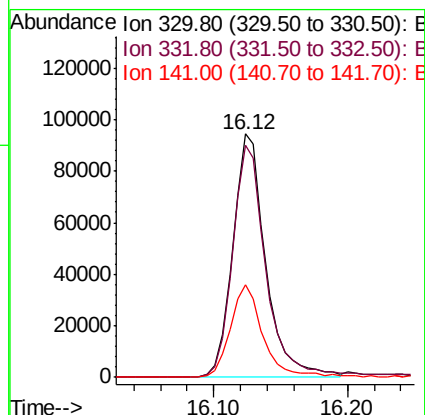
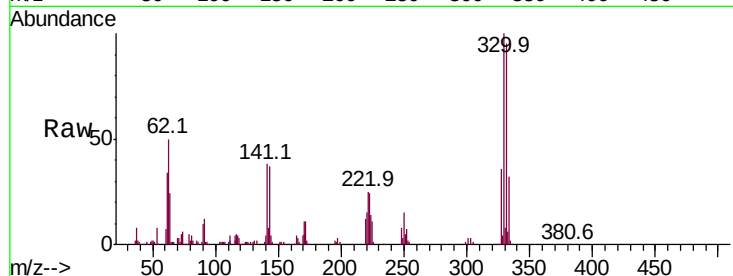




#41
 2,4,6-Tribromophenol
 Concen: 179.431 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036135.D
 Acq: 6 Aug 2018 20:05

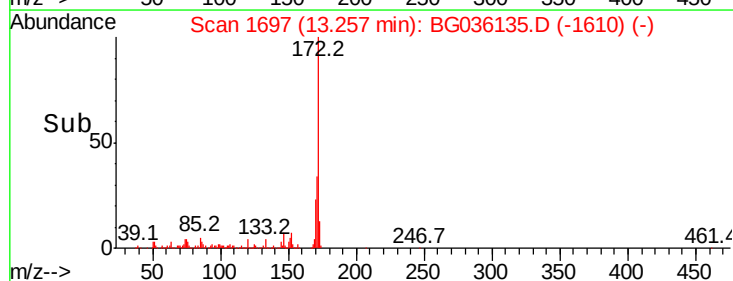
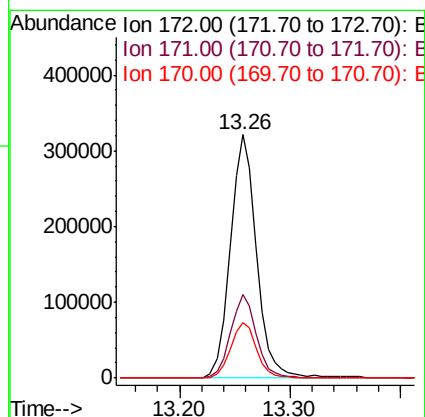
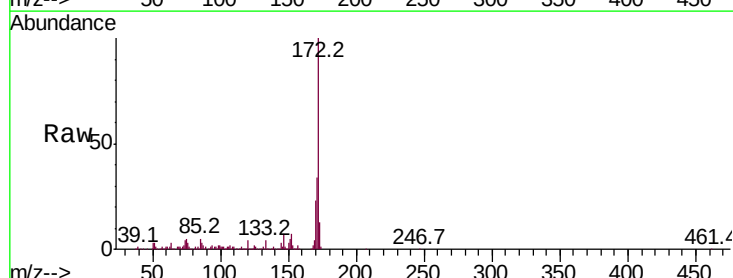
Instrument :
 BNA_G
 ClientSampleId :
 C-14

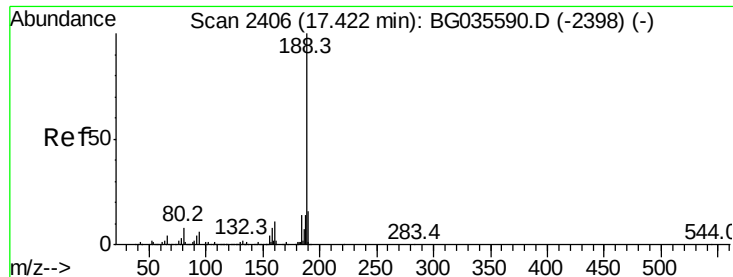
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	38.3	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 104.234 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036135.D
 Acq: 6 Aug 2018 20:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.0	45.0
170	22.8	19.5	29.3

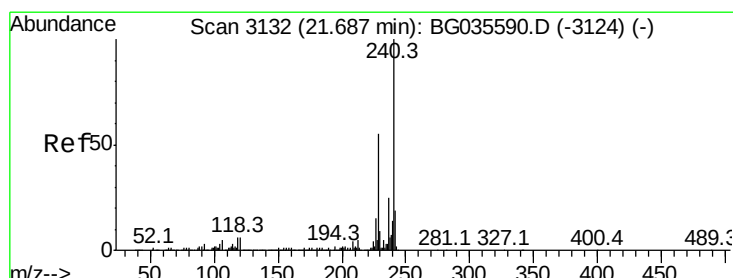
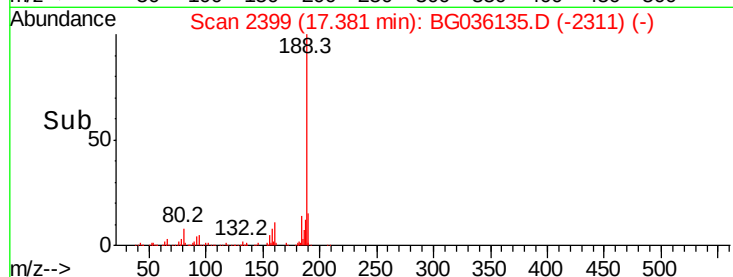
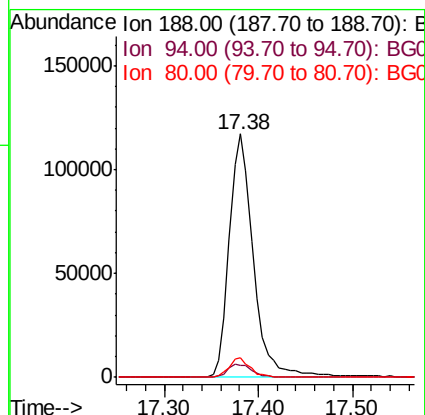
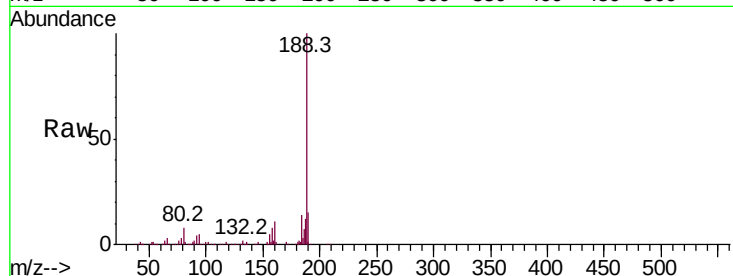




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036135.D
Acq: 6 Aug 2018 20:05

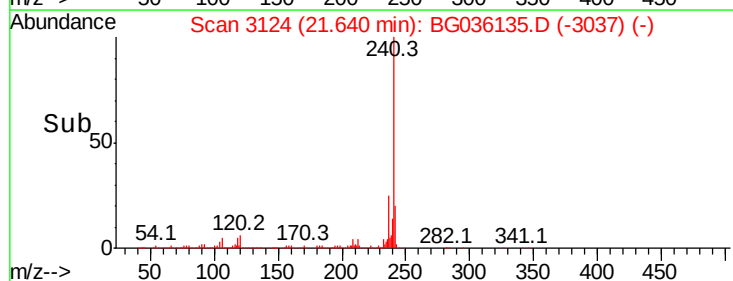
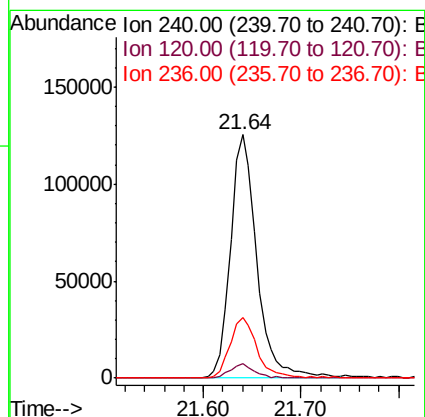
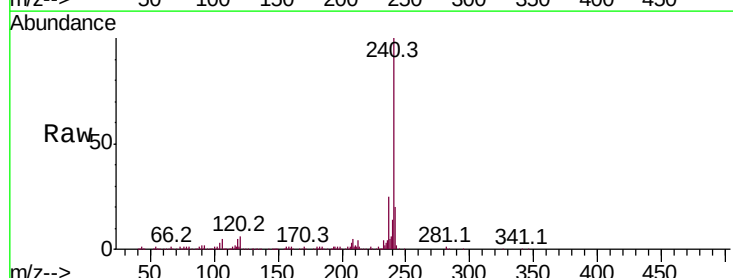
Instrument :
BNA_G
ClientSampleId :
C-14

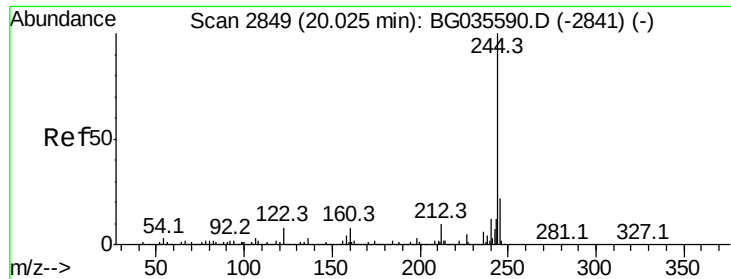
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.1	6.9	10.3#
80	8.2	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036135.D
Acq: 6 Aug 2018 20:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.8	10.2#
236	24.7	20.9	31.3





#78

Terphenyl-d14

Concen: 114.552 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036135.D

Acq: 6 Aug 2018 20:05

Instrument :

BNA_G

ClientSampleId :

C-14

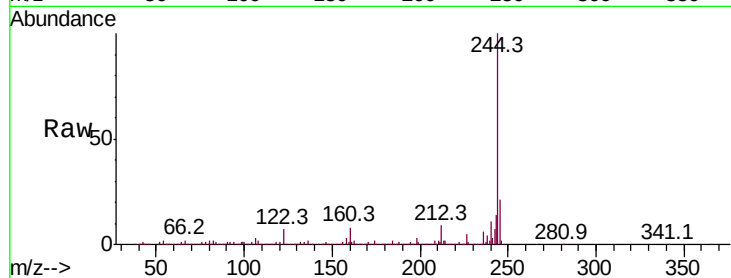
Tot Ion:244 Resp: 1219839

Ion Ratio Lower Upper

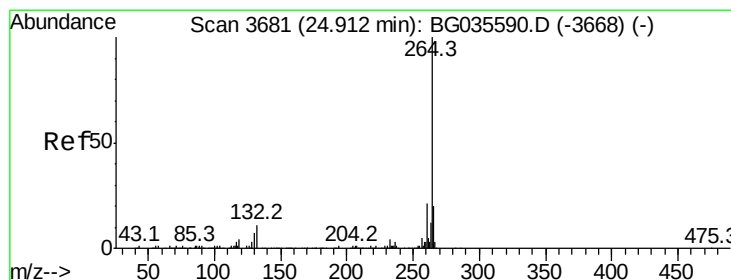
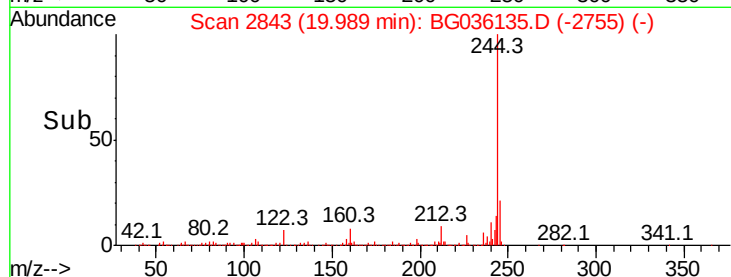
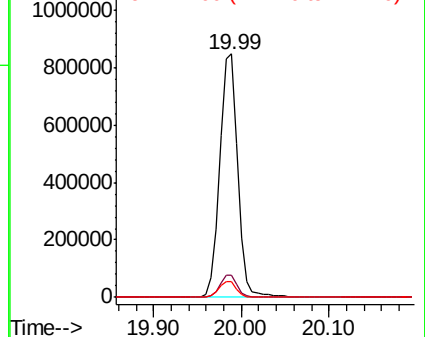
244 100

212 8.9 5.8 8.8#

122 6.5 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: 24.82 min Scan# 3666

Delta R.T. -0.04 min

Lab File: BG036135.D

Acq: 6 Aug 2018 20:05

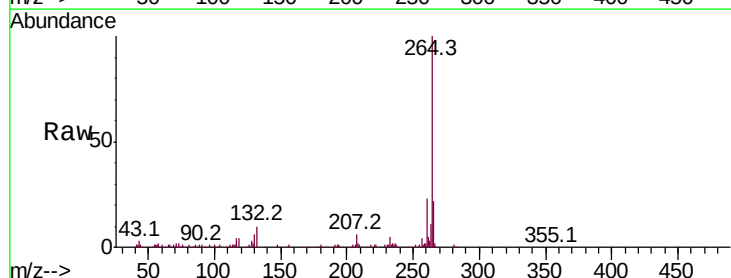
Tgt Ion:264 Resp: 211170

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 22.1 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

