

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
 Data File : BG035807.D
 Acq On : 21 Jul 2018 6:30
 Operator : JU/SJ
 Sample : J4062-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Jul 23 01:26:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	49854	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	174217	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	120453	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	322619	20.00	ng	0.00
75) Chrysene-d12	21.66	240	363937	20.00	ng	0.00
86) Perylene-d12	24.86	264	341692	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	371092	123.58	ng	0.00
7) Phenol-d6	7.20	99	474994	106.02	ng	0.00
23) Nitrobenzene-d5	9.19	82	379541	91.01	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	236329	148.85	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	854512	95.04	ng	0.00
78) Terphenyl-d14	20.00	244	1653831	100.17	ng	0.00

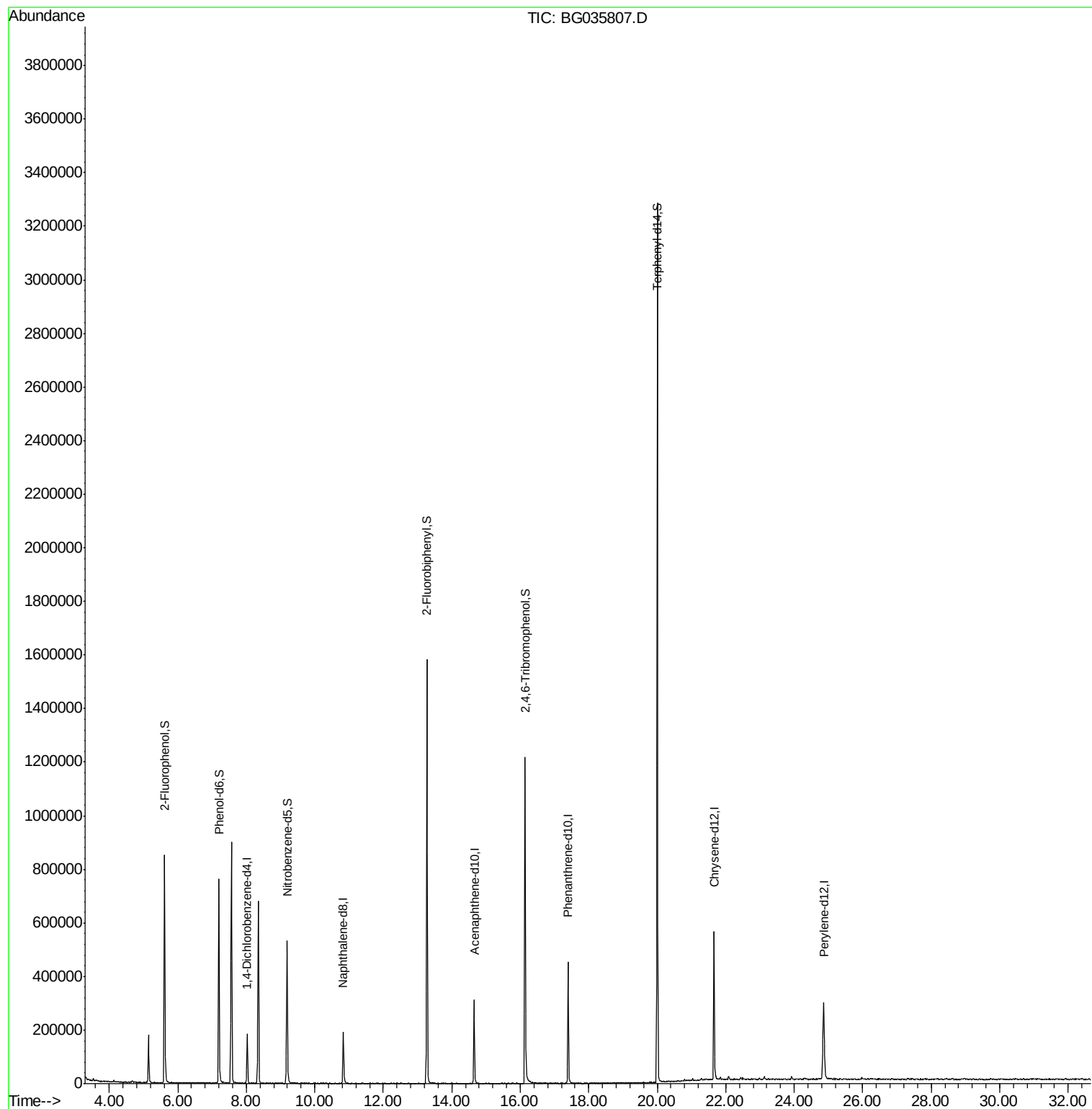
Target Compounds Qvalue

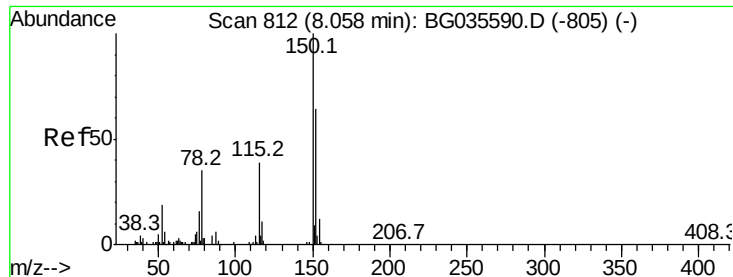
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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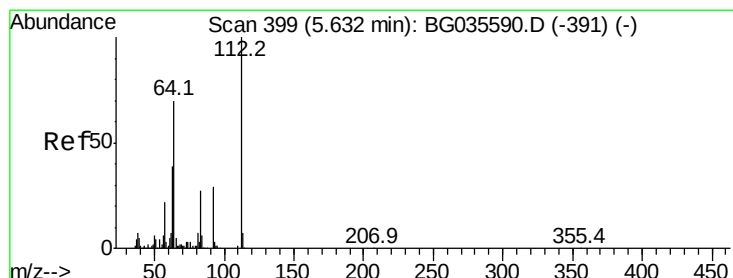
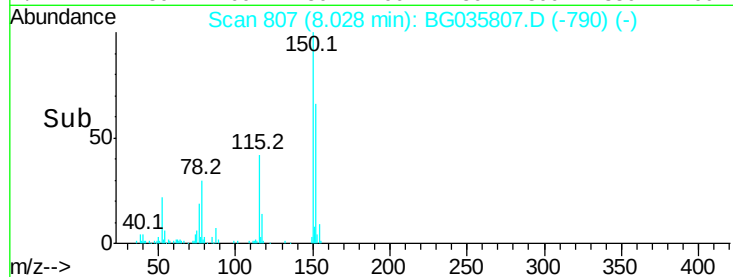
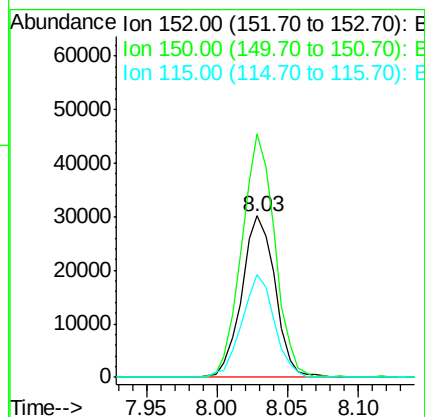
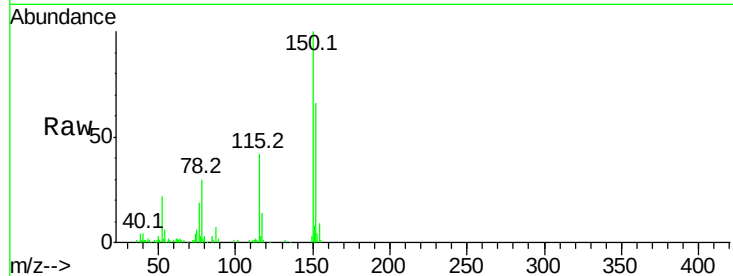


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035807.D
Acq: 21 Jul 2018 6:30

Instrument :
BNA_G
ClientSampleId :
TP-3

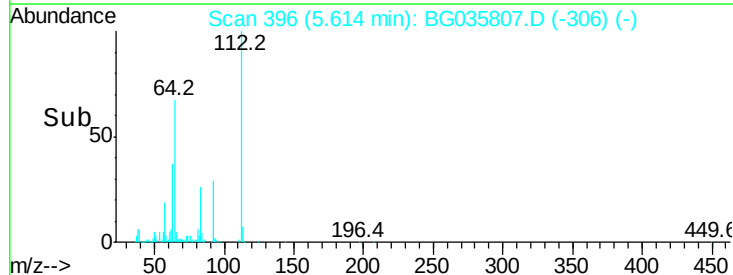
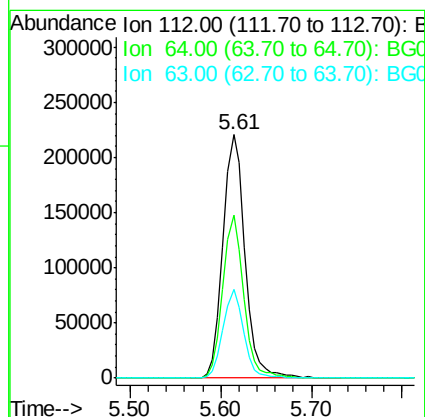
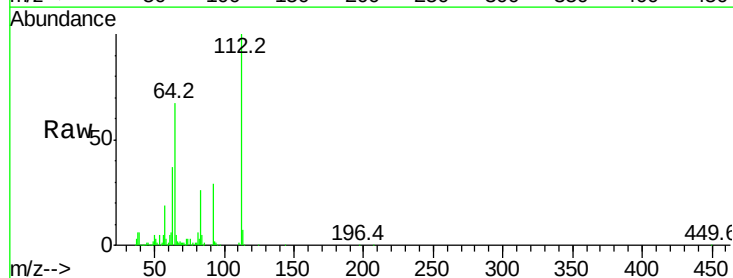
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	126.6	189.8
115	63.8	53.0	79.4

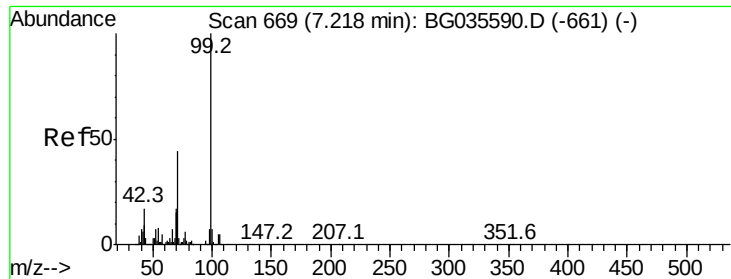


#5

2-Fluorophenol
Concen: 123.581 ng
RT: 5.61 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG035807.D
Acq: 21 Jul 2018 6:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	56.3	84.5
63	36.5	30.1	45.1





#7

Phenol-d6

Concen: 106.021 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG035807.D

Acq: 21 Jul 2018 6:30

Instrument :

BNA_G

ClientSampleId :

TP-3

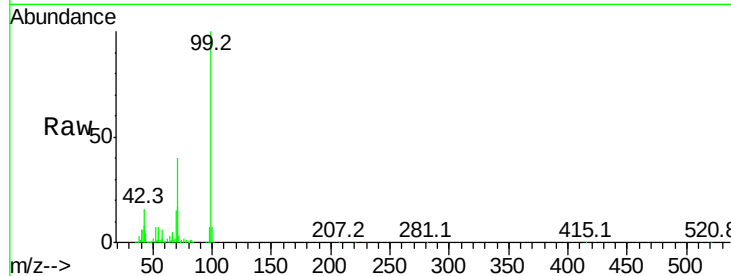
Tot Ion: 99 Resp: 474994

Ion Ratio Lower Upper

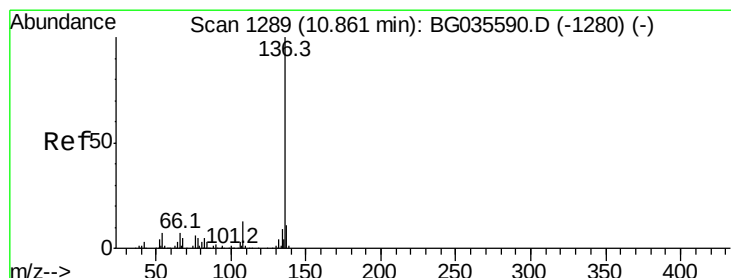
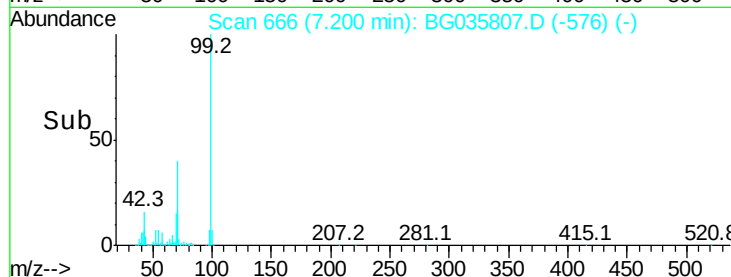
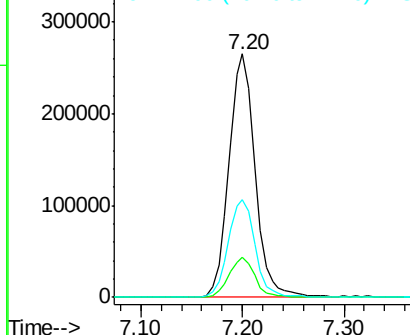
99 100

42 16.2 14.1 21.1

71 40.3 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: 10.83 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BG035807.D

Acq: 21 Jul 2018 6:30

Tgt Ion: 136 Resp: 174217

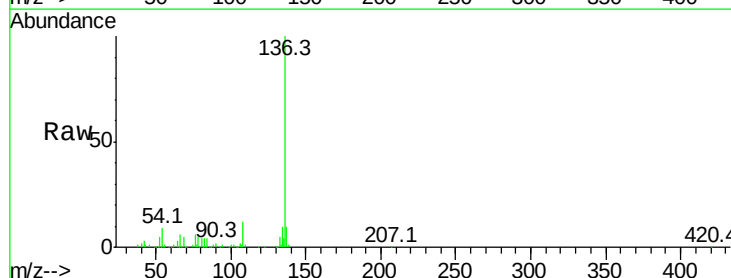
Ion Ratio Lower Upper

136 100

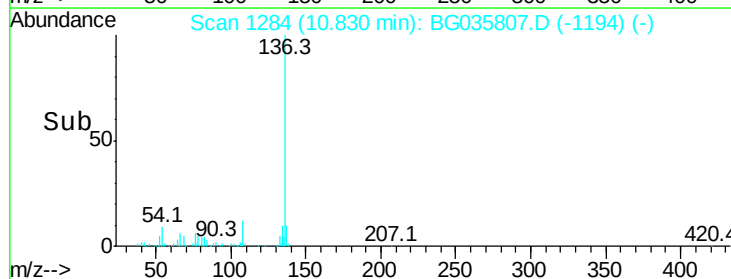
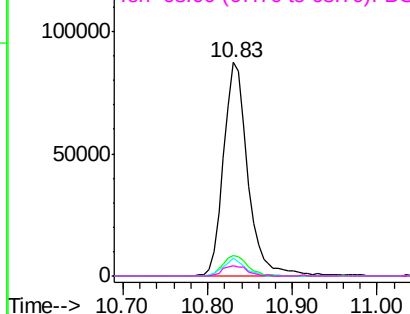
137 9.7 9.2 13.8

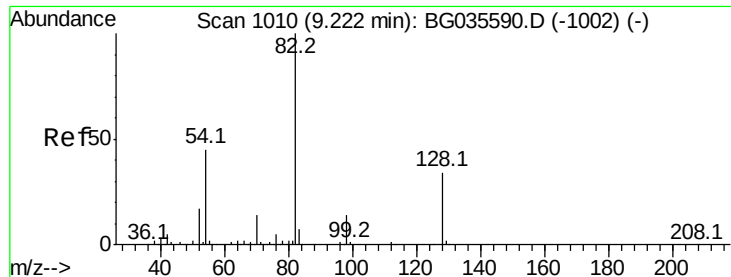
54 8.6 10.3 15.5#

68 5.0 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

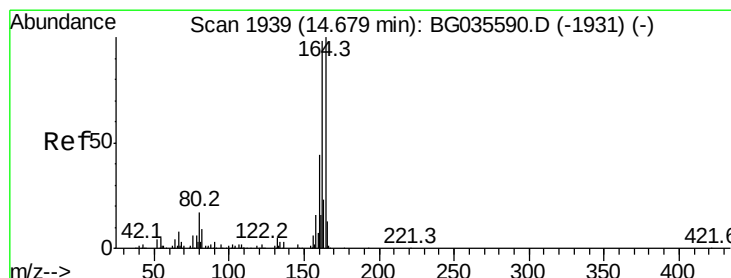
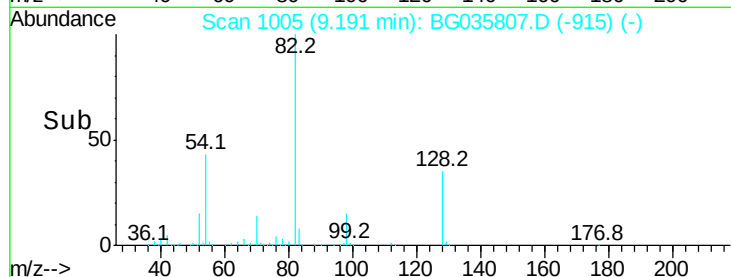
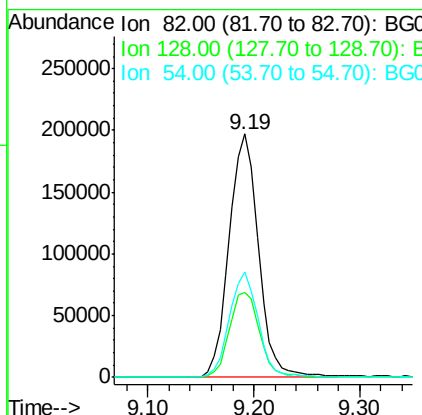
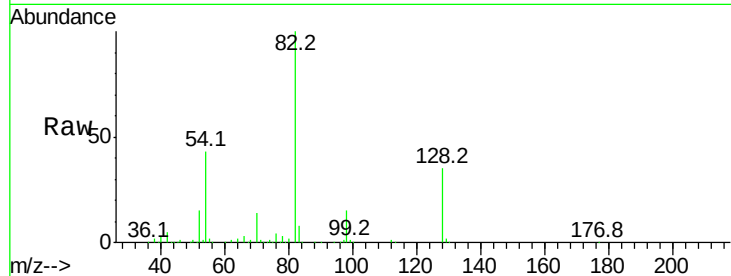




#23
 Nitrobenzene-d5
 Concen: 91.008 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BG035807.D
 Acq: 21 Jul 2018 6:30

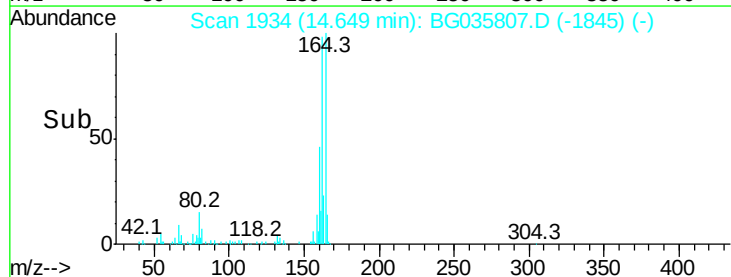
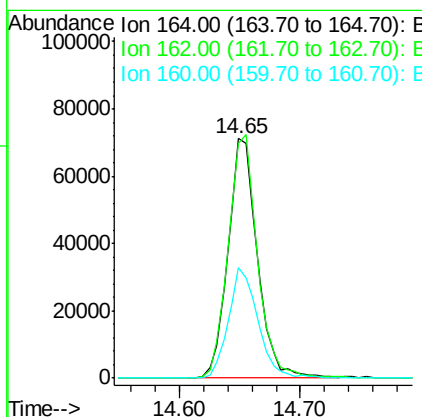
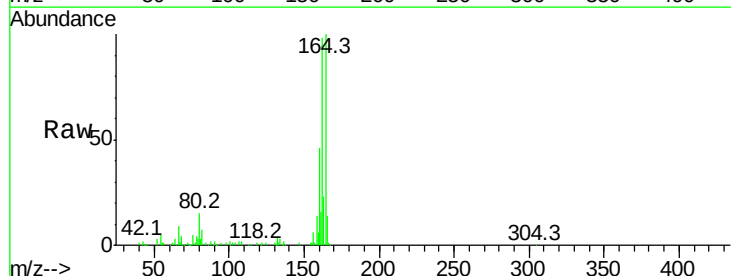
Instrument :
 BNA_G
 ClientSampleId :
 TP-3

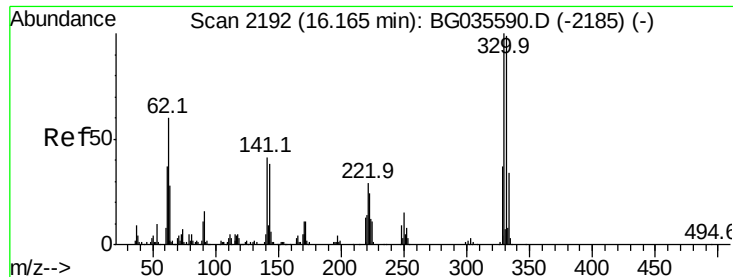
Tot Ion	82	Resp	379541
Ion Ratio	Lower	Upper	
82	100		
128	35.1	29.7	44.5
54	43.1	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BG035807.D
 Acq: 21 Jul 2018 6:30

Tgt Ion	164	Resp	120453
Ion Ratio	Lower	Upper	
164	100		
162	97.8	78.8	118.2
160	46.0	35.4	53.0

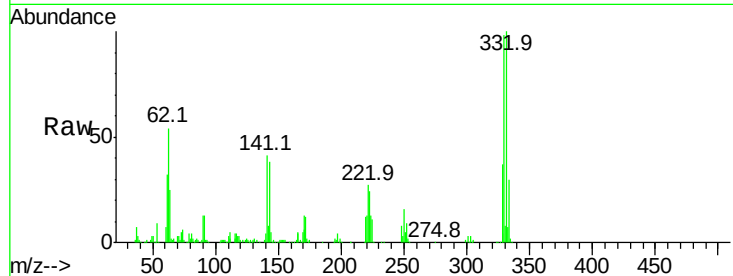




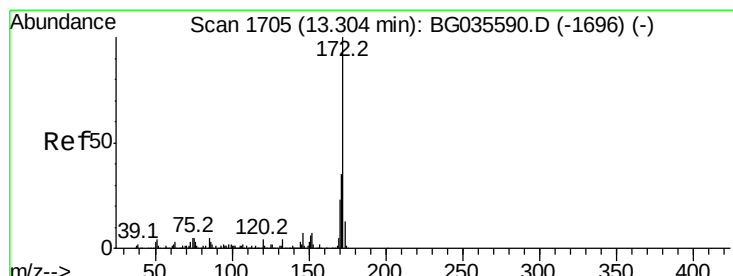
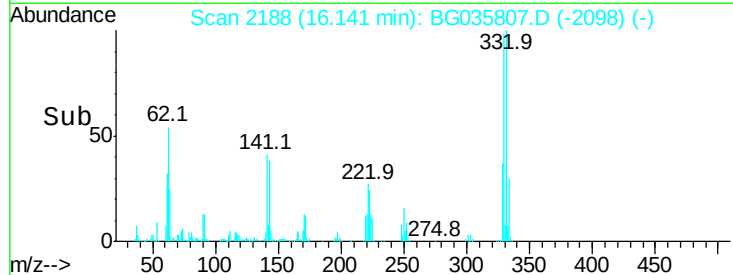
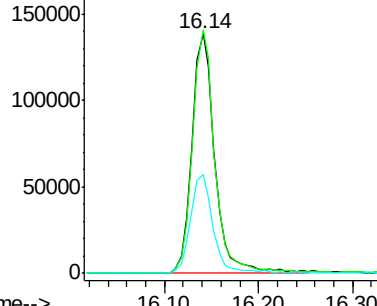
#41
 2,4,6-Tribromophenol
 Concen: 148.855 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG035807.D
 Acq: 21 Jul 2018 6:30

Instrument :
 BNA_G
 ClientSampled :
 TP-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.0	115.6
141	40.7	25.2	37.8

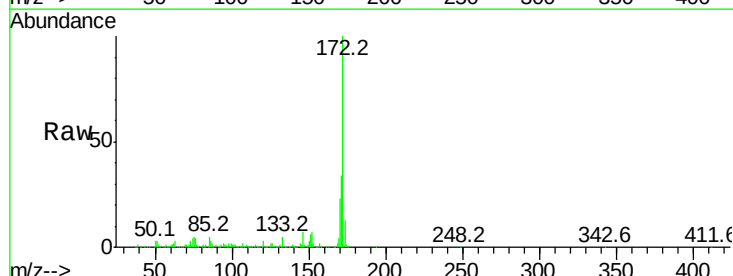


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

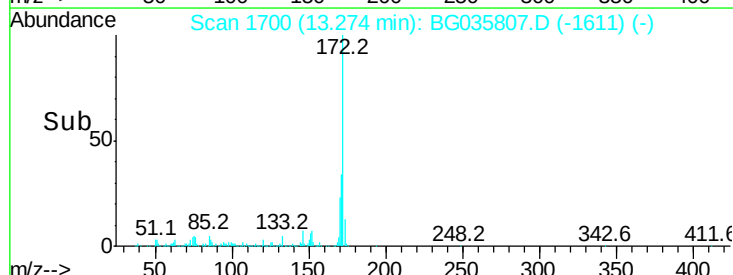
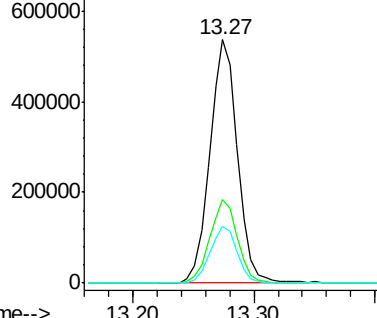


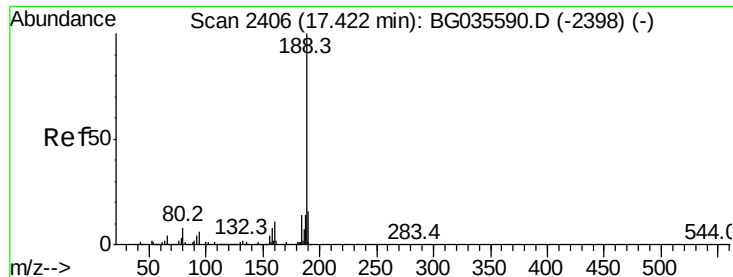
#44
 2-Fluorobiphenyl
 Concen: 95.043 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG035807.D
 Acq: 21 Jul 2018 6:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	23.3	19.5	29.3



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

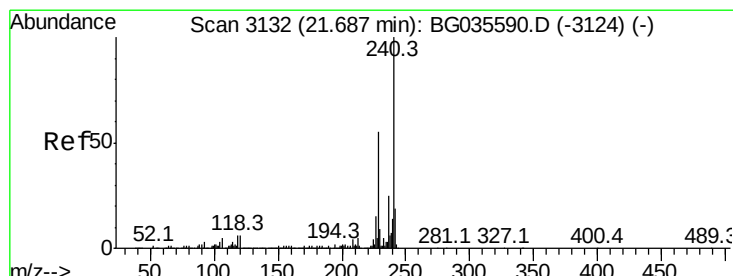
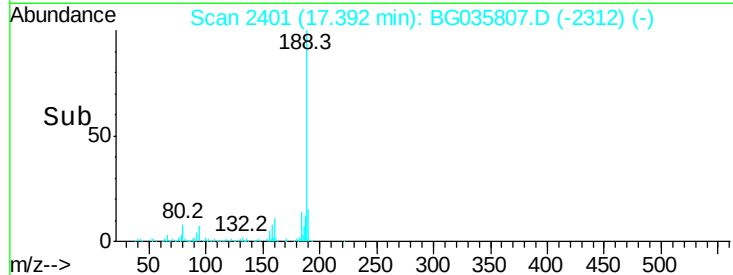
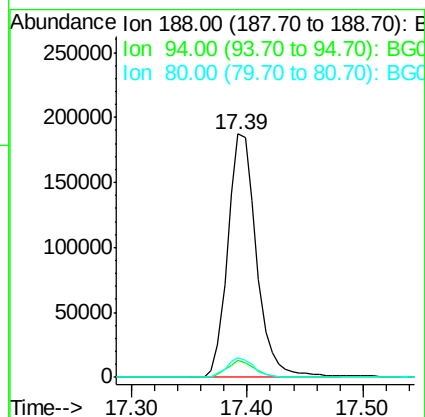
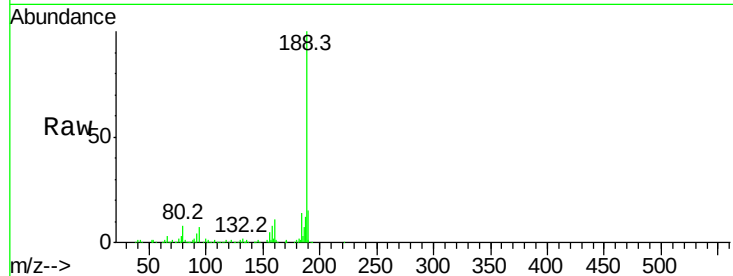




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BG035807.D
Acq: 21 Jul 2018 6:30

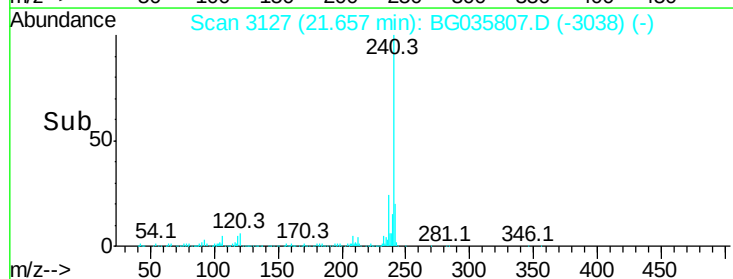
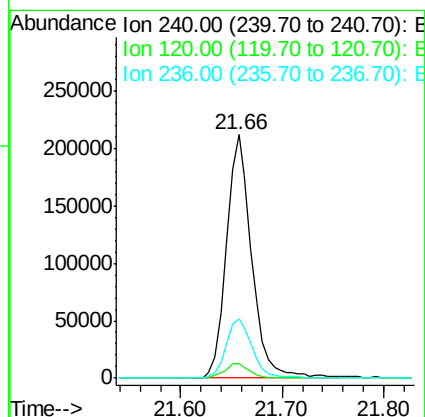
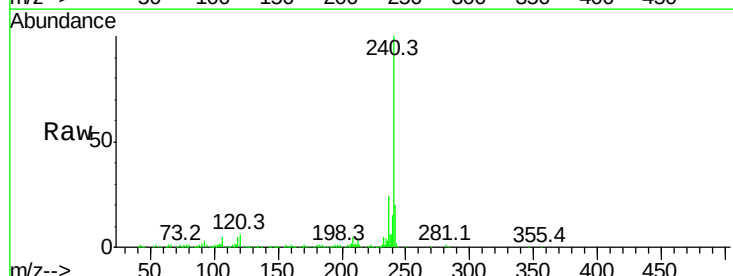
Instrument :
BNA_G
ClientSampleId :
TP-3

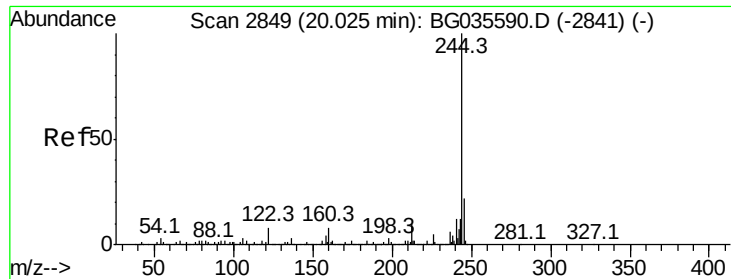
Tot Ion:188 Resp: 322619
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 8.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG035807.D
Acq: 21 Jul 2018 6:30

Tgt Ion:240 Resp: 363937
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 24.3 20.9 31.3





#78

Terphenyl-d14

Concen: 100.170 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035807.D

Acq: 21 Jul 2018 6:30

Instrument :

BNA_G

ClientSampled :

TP-3

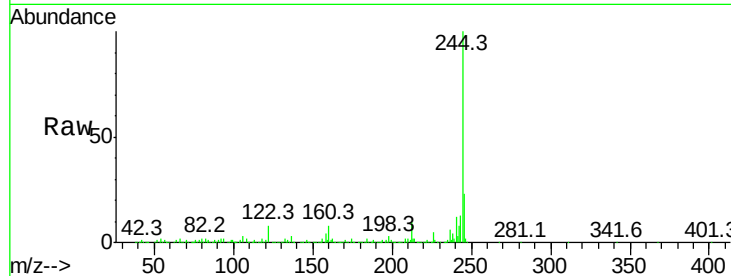
Tot Ion:244 Resp: 1653831

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

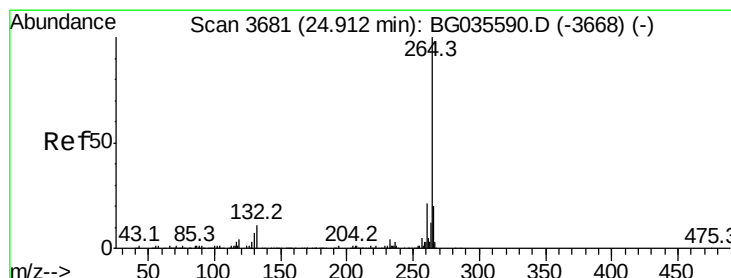
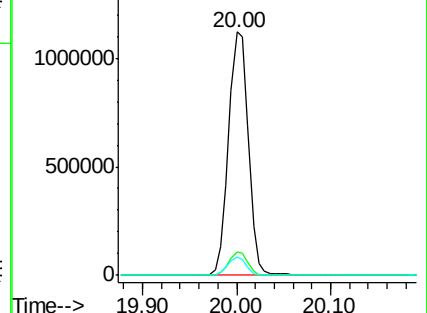
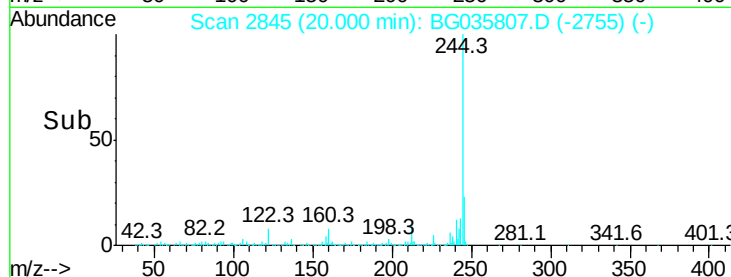
122 7.7 7.0 10.4



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: 24.86 min Scan# 3672

Delta R.T. 0.00 min

Lab File: BG035807.D

Acq: 21 Jul 2018 6:30

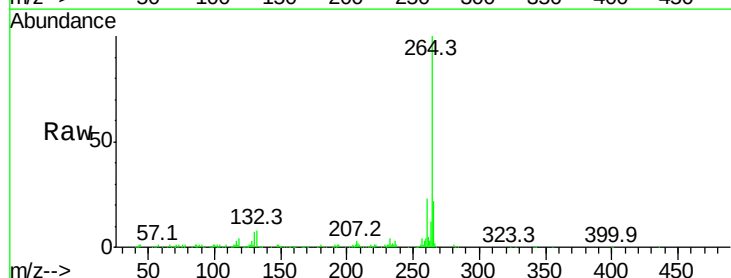
Tgt Ion:264 Resp: 341692

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 21.6 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

