

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
 Data File : BG035814.D
 Acq On : 21 Jul 2018 11:02
 Operator : JU/SJ
 Sample : J4081-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR200029

Quant Time: Jul 23 01:52:48 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	43977	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	151854	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	103883	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	293103	20.00	ng	0.00
75) Chrysene-d12	21.66	240	335653	20.00	ng	0.00
86) Perylene-d12	24.86	264	303714	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	371031	140.07	ng	0.00
7) Phenol-d6	7.20	99	472692	119.61	ng	0.00
23) Nitrobenzene-d5	9.19	82	373664	102.79	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	229442	167.57	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	838664	108.16	ng	0.00
78) Terphenyl-d14	20.00	244	1645540	108.07	ng	0.00

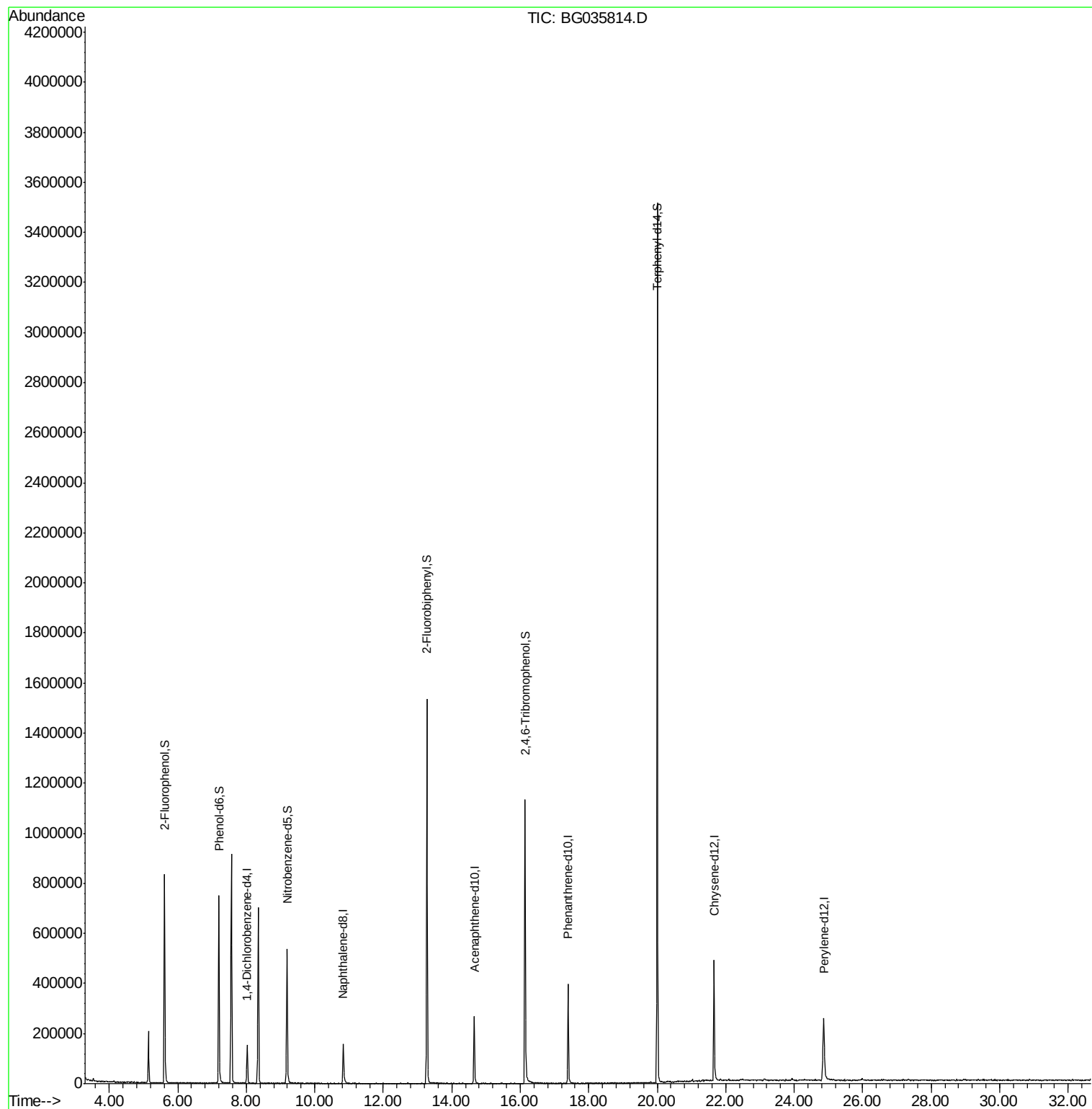
Target Compounds Qvalue

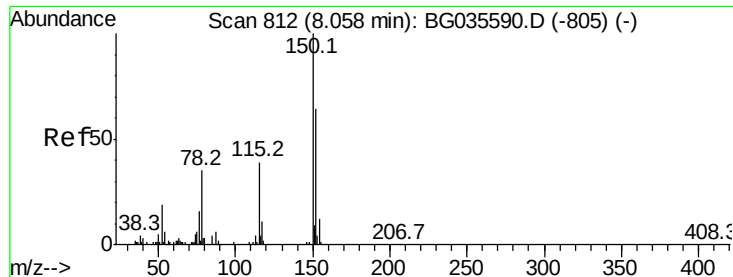
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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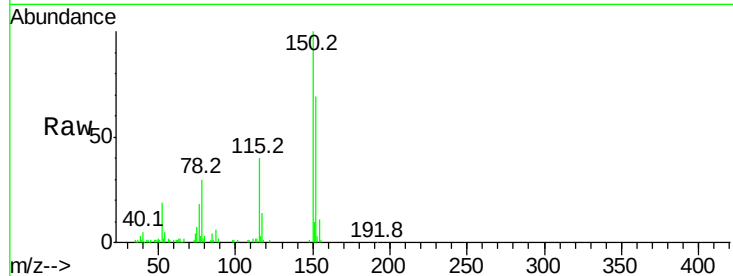


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035814.D
Acq: 21 Jul 2018 11:02

Instrument :
BNA_G
ClientSampleId :
RBR200029

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.3	126.6	189.8
115	57.6	53.0	79.4

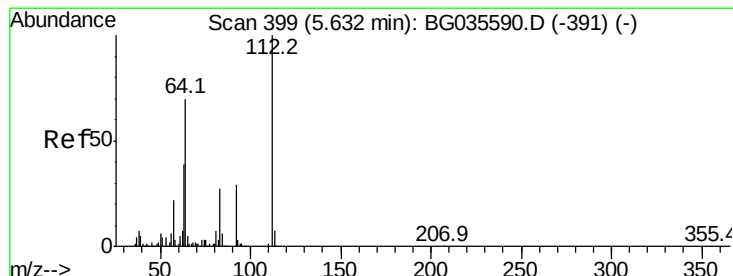
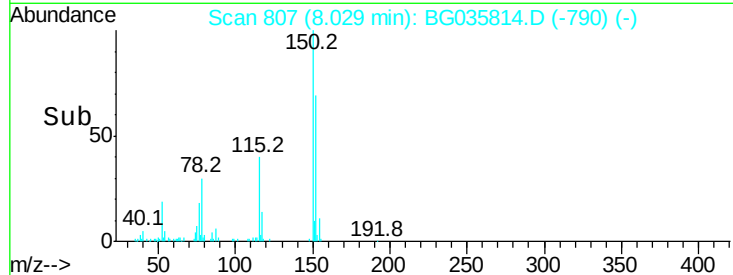
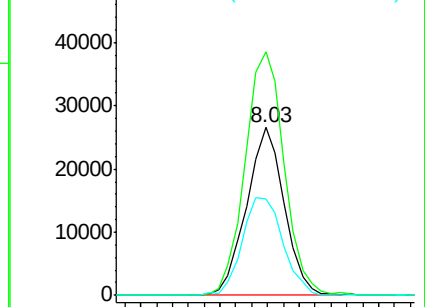


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

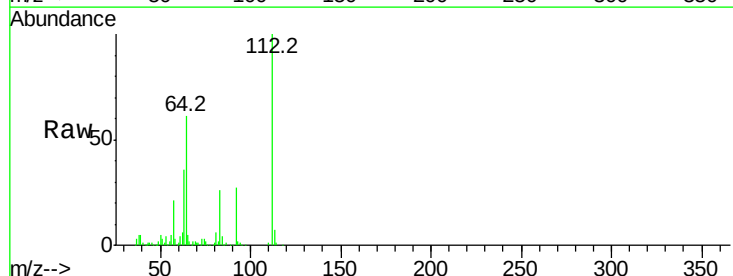
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 140.073 ng
RT: 5.61 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG035814.D
Acq: 21 Jul 2018 11:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	56.3	84.5
63	36.4	30.1	45.1

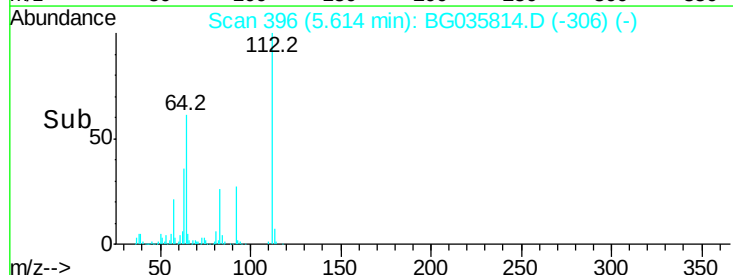
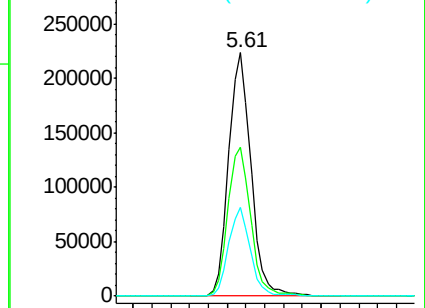


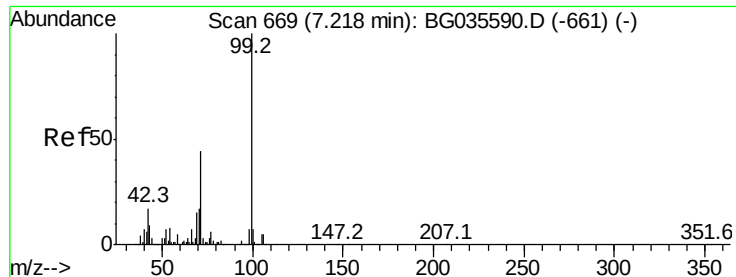
Abundance

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: 119.607 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG035814.D

Acq: 21 Jul 2018 11:02

Instrument :

BNA_G

ClientSampleId :

RBR200029

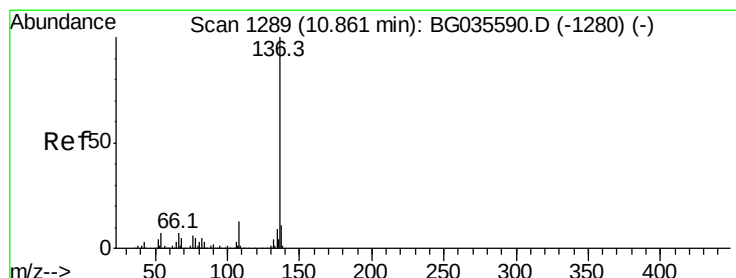
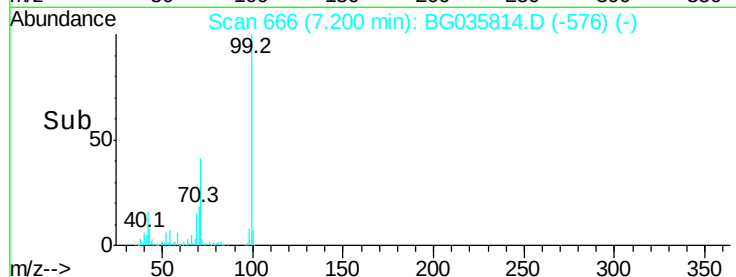
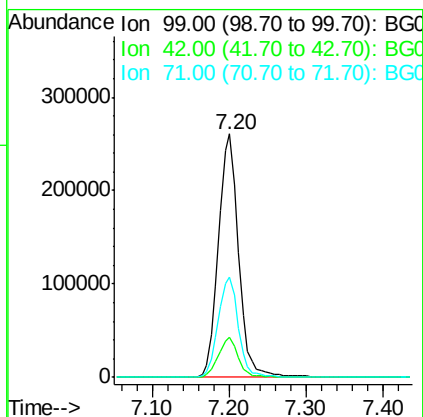
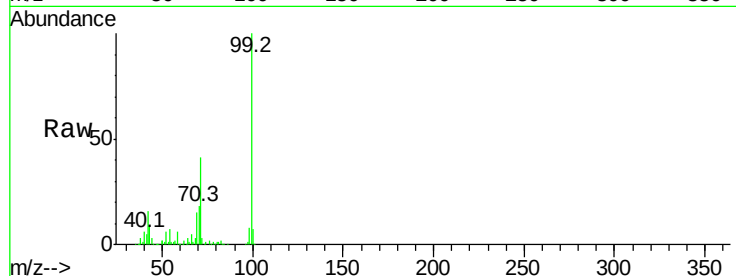
Tot Ion: 99 Resp: 472692

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

71 41.3 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BG035814.D

Acq: 21 Jul 2018 11:02

Tgt Ion:136 Resp: 151854

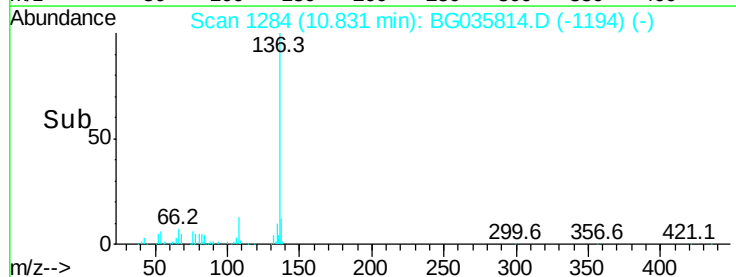
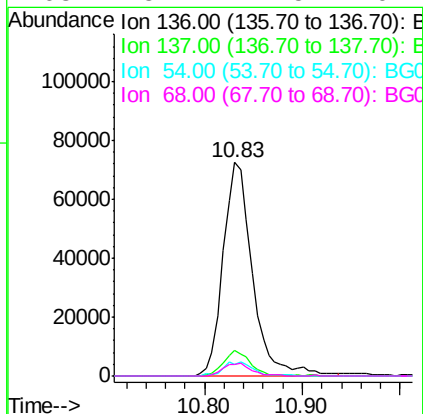
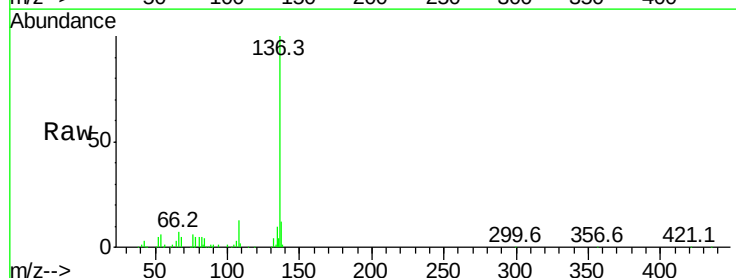
Ion Ratio Lower Upper

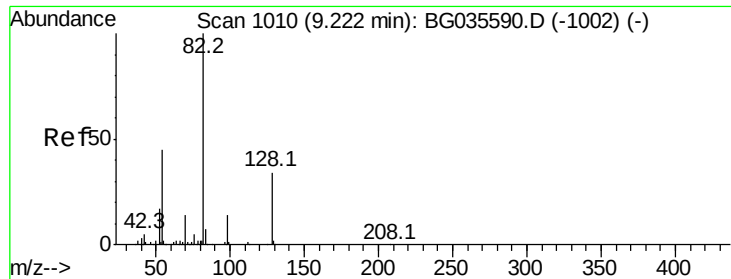
136 100

137 11.7 9.2 13.8

54 5.7 10.3 15.5#

68 5.4 4.5 6.7

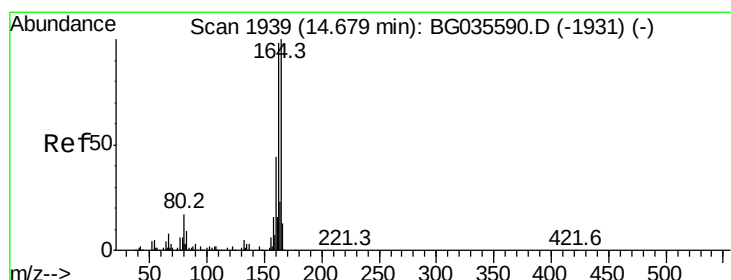
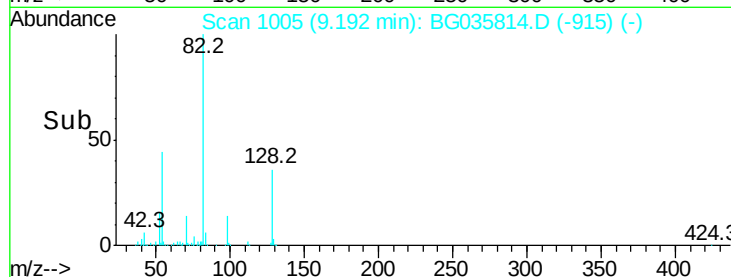
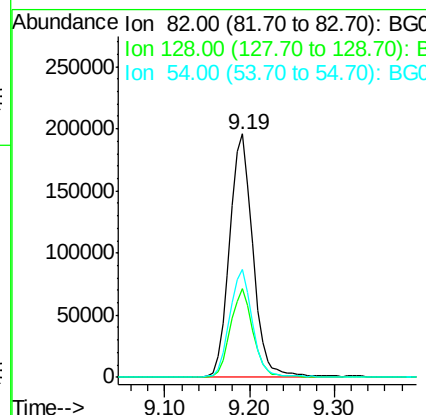
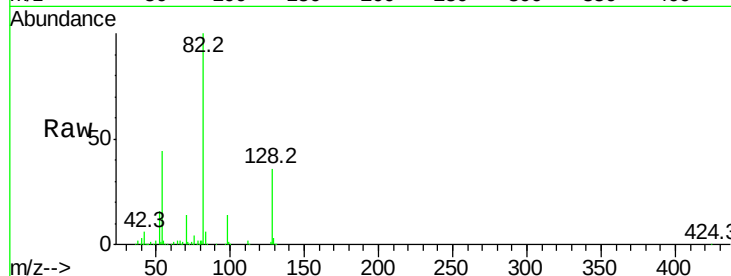




#23
 Nitrobenzene-d5
 Concen: 102.794 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BG035814.D
 Acq: 21 Jul 2018 11:02

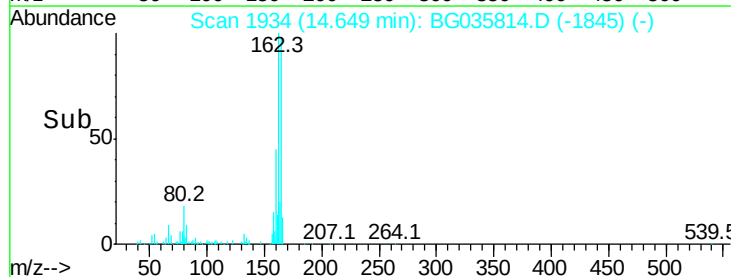
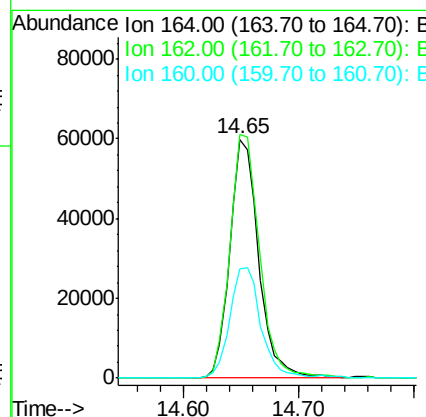
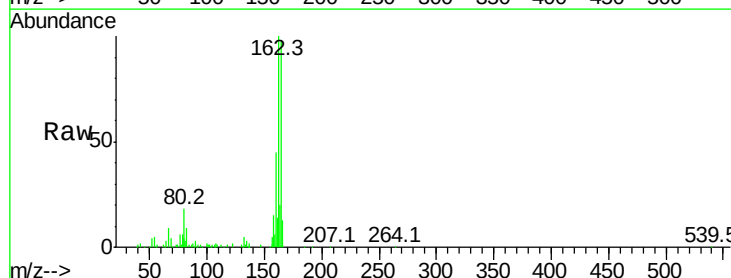
Instrument :
 BNA_G
 ClientSampleId :
 RBR200029

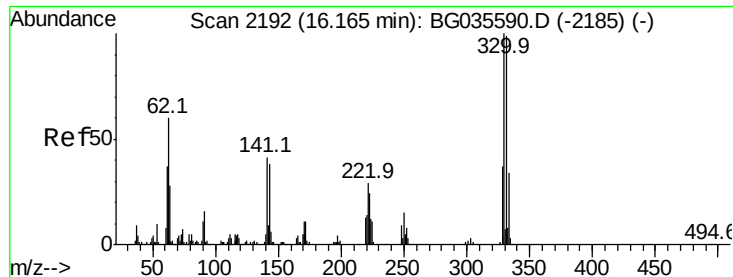
Tot Ion	82	Resp	373664
Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.7	44.5
54	44.5	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BG035814.D
 Acq: 21 Jul 2018 11:02

Tgt Ion	164	Resp	103883
Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.8	118.2
160	45.6	35.4	53.0

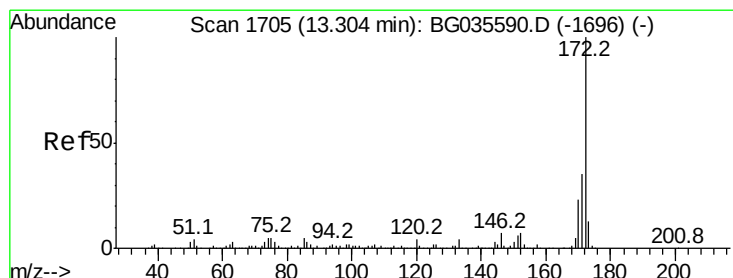
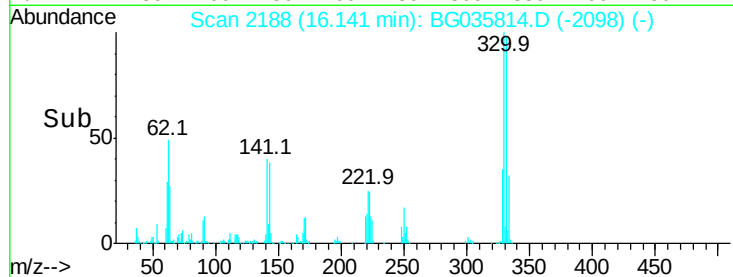
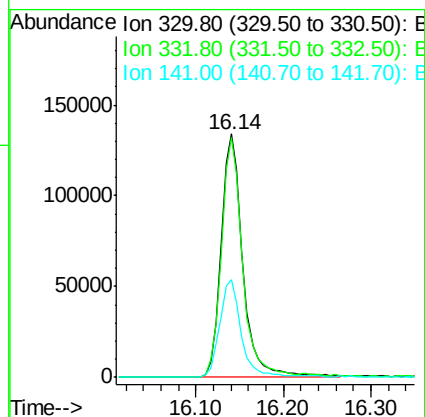
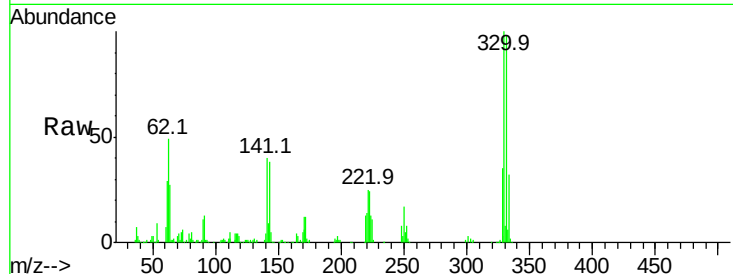




#41
2,4,6-Tribromophenol
Concen: 167.568 ng
RT: 16.14 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BG035814.D
Acq: 21 Jul 2018 11:02

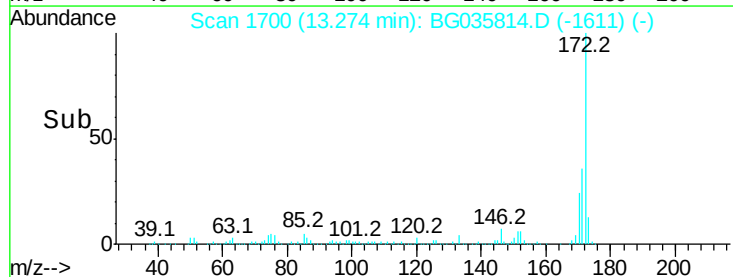
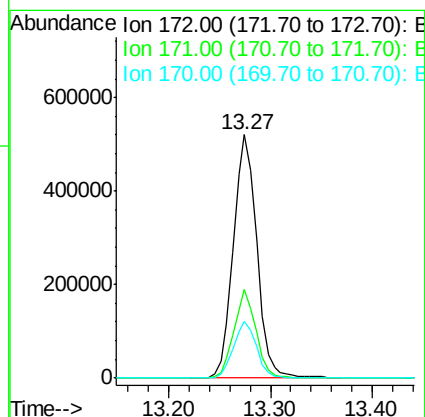
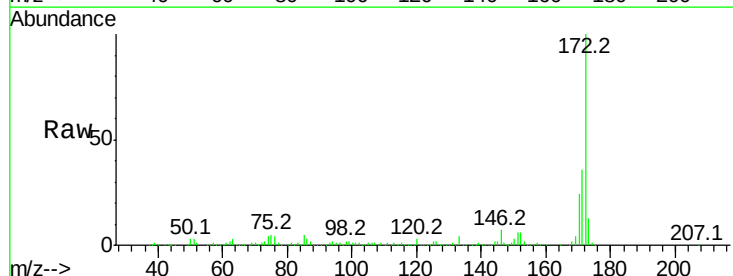
Instrument :
BNA_G
ClientSampleId :
RBR200029

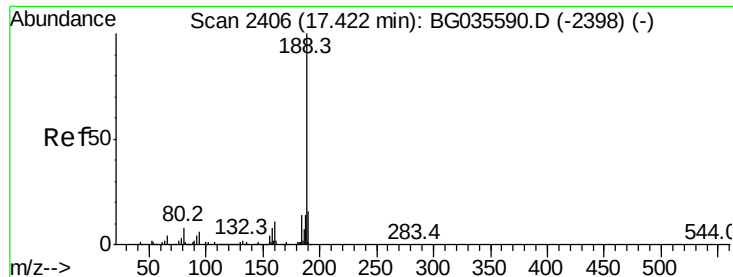
Tot Ion:330 Resp: 229442
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 39.7 25.2 37.8#



#44
2-Fluorobiphenyl
Concen: 108.159 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BG035814.D
Acq: 21 Jul 2018 11:02

Tgt Ion:172 Resp: 838664
Ion Ratio Lower Upper
172 100
171 36.3 30.0 45.0
170 23.5 19.5 29.3

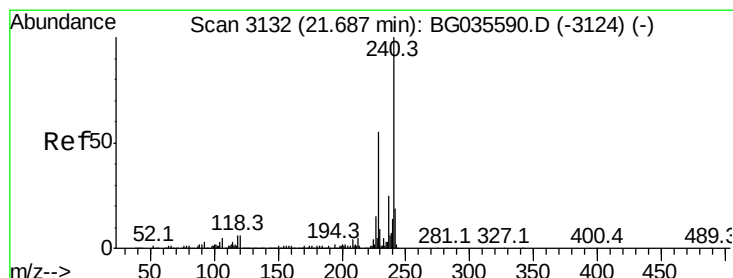
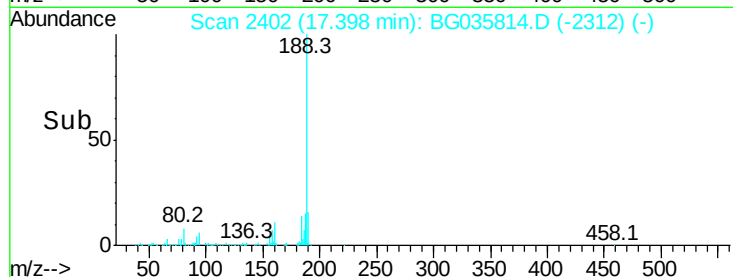
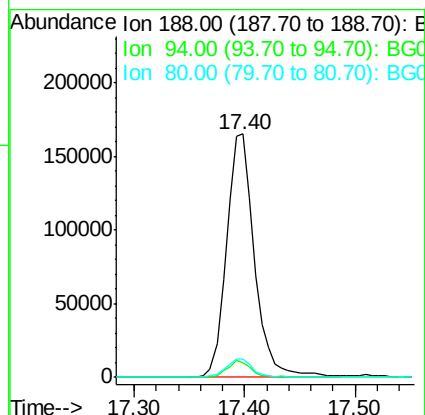
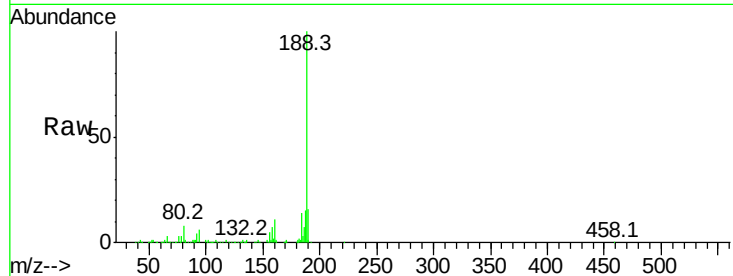




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BG035814.D
Acq: 21 Jul 2018 11:02

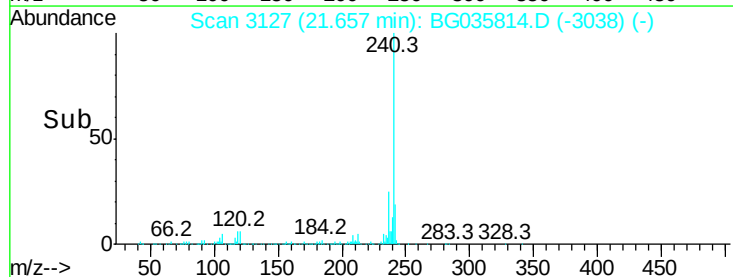
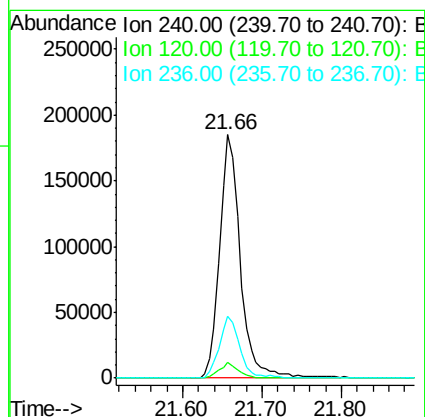
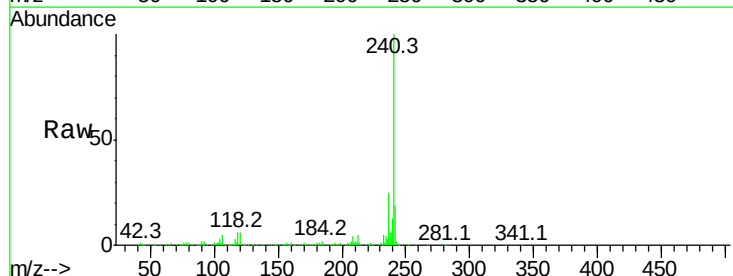
Instrument :
BNA_G
ClientSampleId :
RBR200029

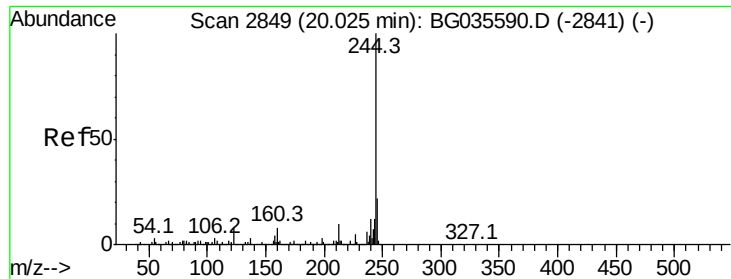
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	7.8	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG035814.D
Acq: 21 Jul 2018 11:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	25.4	20.9	31.3





#78

Terphenyl-d14

Concen: 108.066 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035814.D

Acq: 21 Jul 2018 11:02

Instrument :

BNA_G

ClientSampleId :

RBR200029

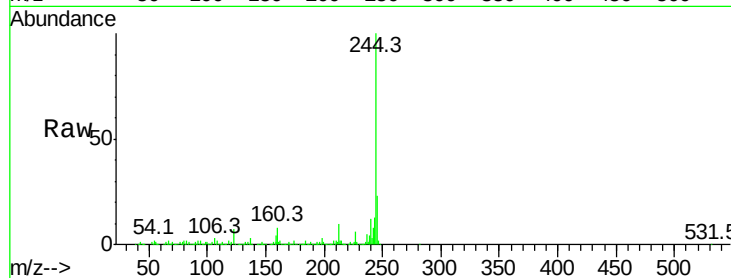
Tot Ion:244 Resp: 1645540

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

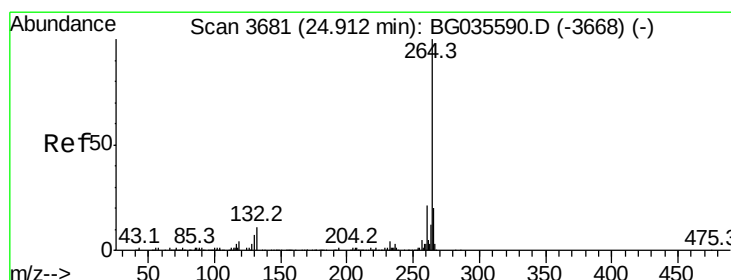
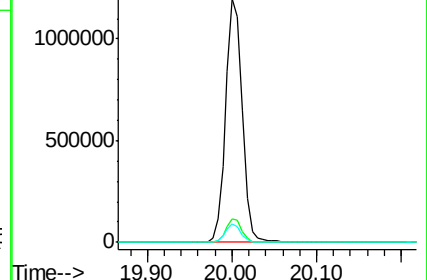
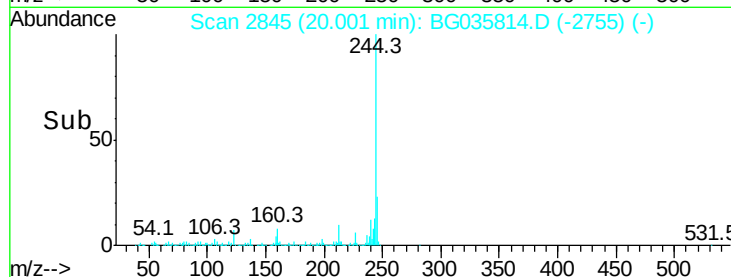
122 7.5 7.0 10.4



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: 24.86 min Scan# 3672

Delta R.T. 0.00 min

Lab File: BG035814.D

Acq: 21 Jul 2018 11:02

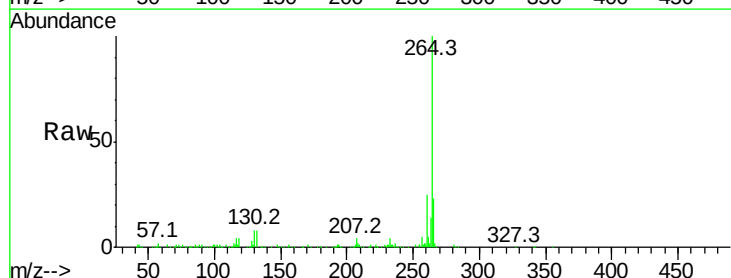
Tgt Ion:264 Resp: 303714

Ion Ratio Lower Upper

264 100

260 25.0 17.4 26.0

265 22.8 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

