

Data File : BG035407.D
Acq On : 26 Jun 2018 10:56
Operator : JU/SJ
Sample : PB110552TB
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB110552TB

Quant Time: Jun 26 13:25:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51737	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	185811	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	133742	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	369285	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	403922	20.00	ng	-0.04
86) Perylene-d12	24.89	264	372474	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	376515	122.82	ng	-0.02
7) Phenol-d6	7.21	99	546472	120.77	ng	-0.01
23) Nitrobenzene-d5	9.21	82	350309	89.62	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	241053	140.80	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	820185	79.72	ng	-0.03
78) Terphenyl-d14	20.02	244	1517023	78.67	ng	-0.02

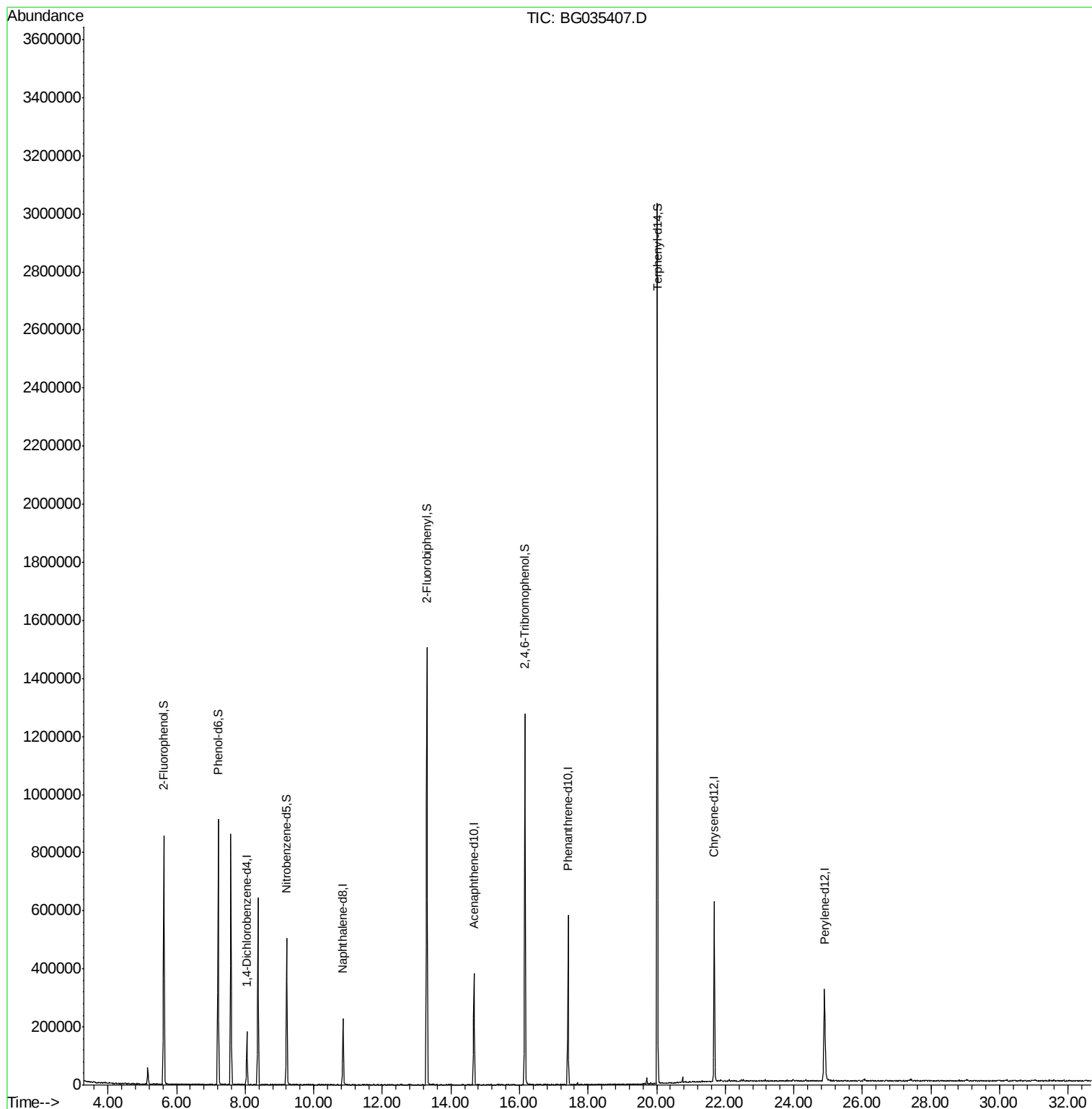
Target Compounds Qvalue

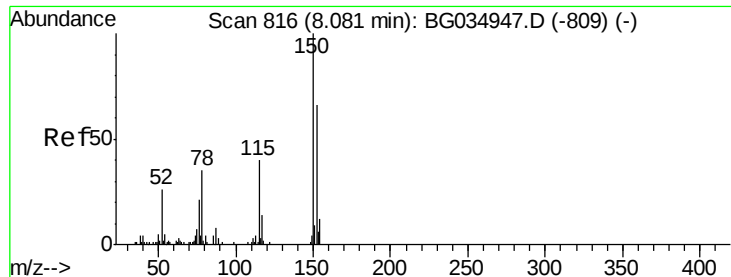
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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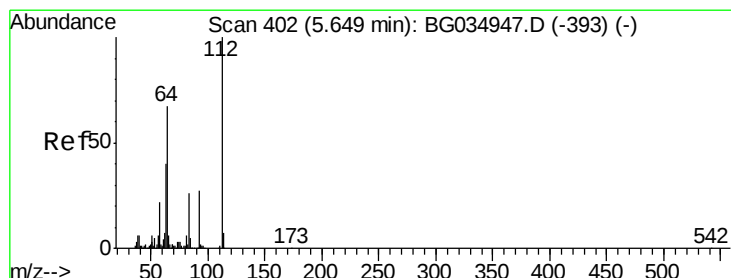
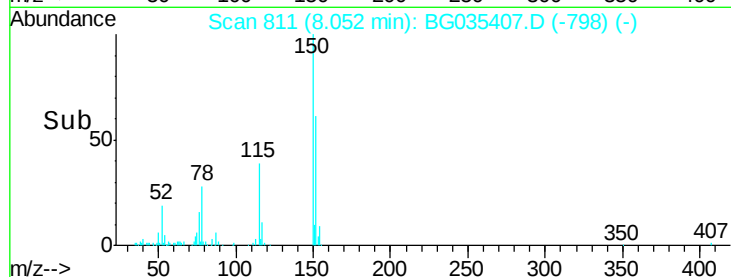
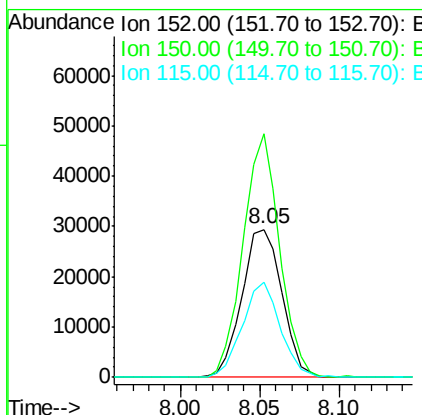
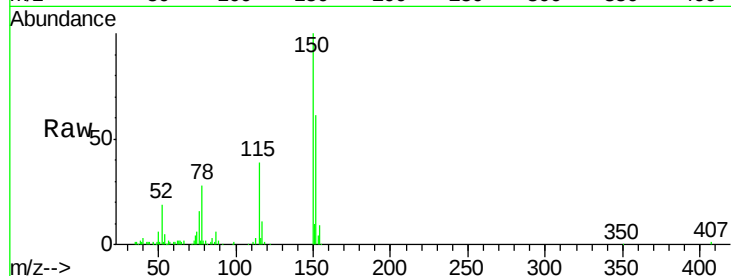


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035407.D
Acq: 26 Jun 2018 10:56

Instrument :
BNA_G
ClientSampleId :
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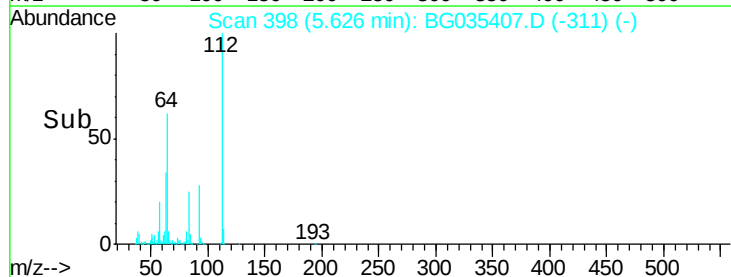
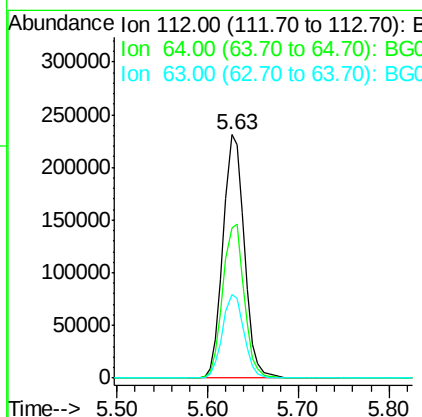
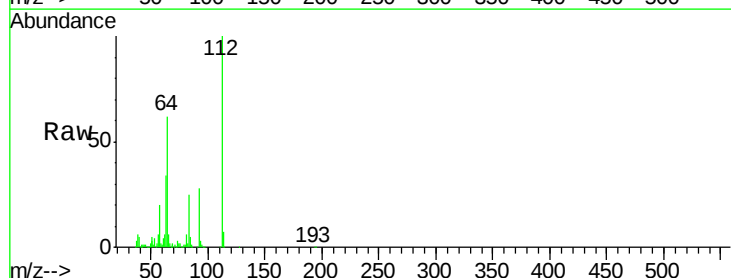
Tgt Ion:152 Resp: 51737
Ion Ratio Lower Upper
152 100
150 164.3 126.6 189.8
115 64.3 53.0 79.4

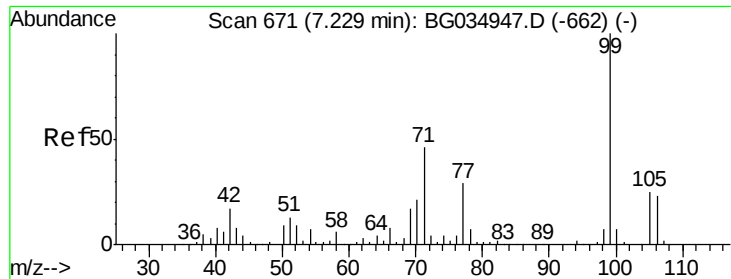


#5

2-Fluorophenol
Concen: 122.815 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035407.D
Acq: 26 Jun 2018 10:56

Tgt Ion:112 Resp: 376515
Ion Ratio Lower Upper
112 100
64 61.6 56.3 84.5
63 34.3 30.1 45.1





#7

Phenol-d6

Concen: 120.773 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035407.D

Acq: 26 Jun 2018 10:56

Instrument :

BNA_G

ClientSampleId :

PB110552TB

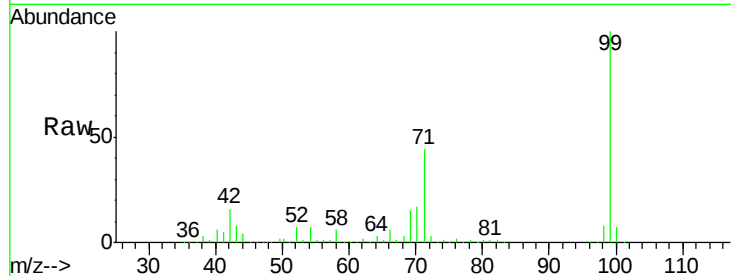
Tgt Ion: 99 Resp: 546472

Ion Ratio Lower Upper

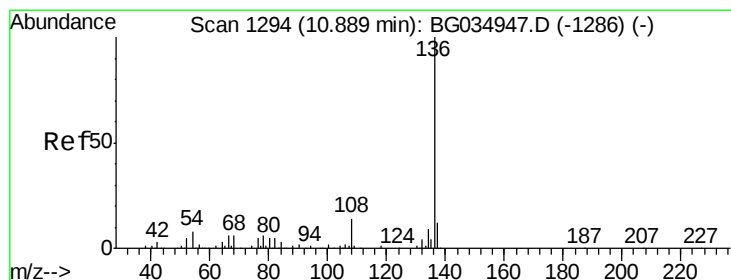
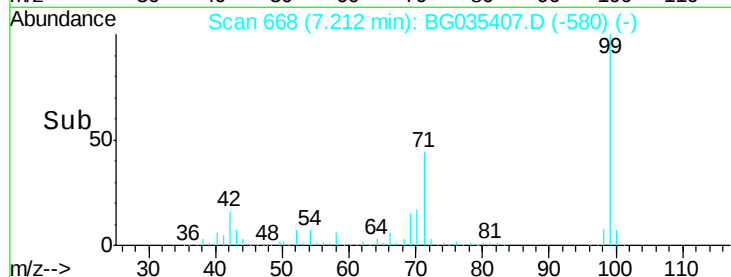
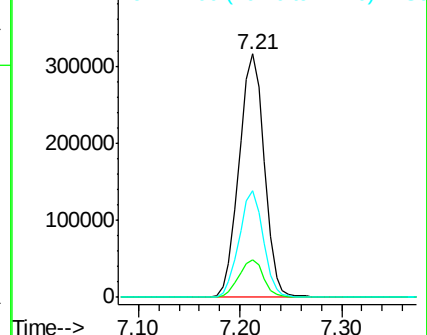
99 100

42 15.5 14.1 21.1

71 44.0 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: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035407.D

Acq: 26 Jun 2018 10:56

Tgt Ion: 136 Resp: 185811

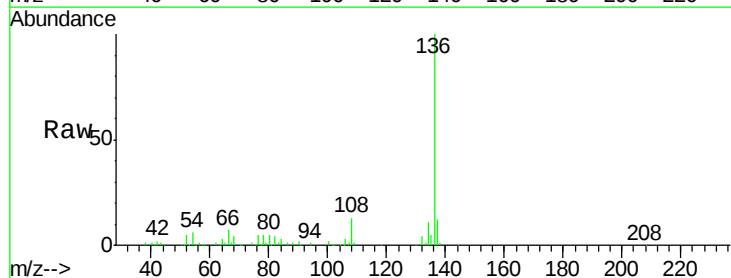
Ion Ratio Lower Upper

136 100

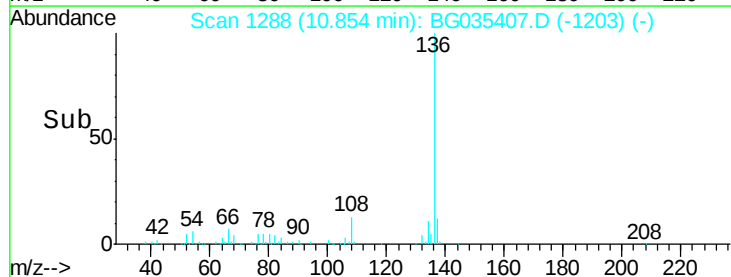
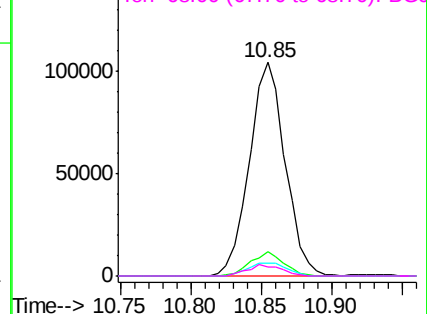
137 11.7 9.2 13.8

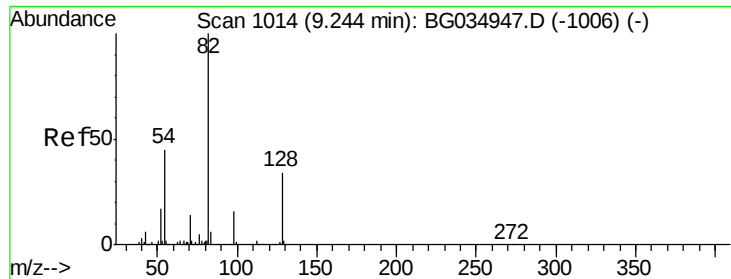
54 6.0 10.3 15.5#

68 4.3 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

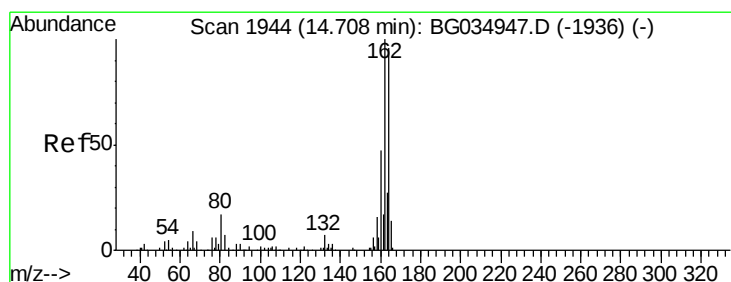
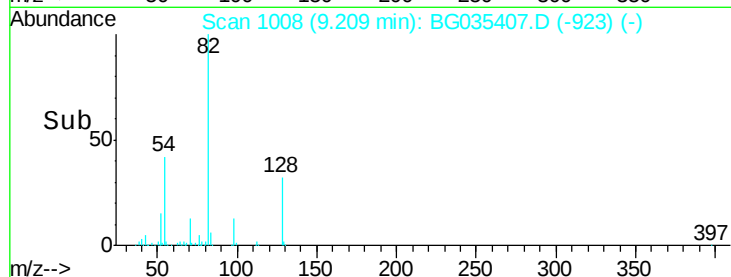
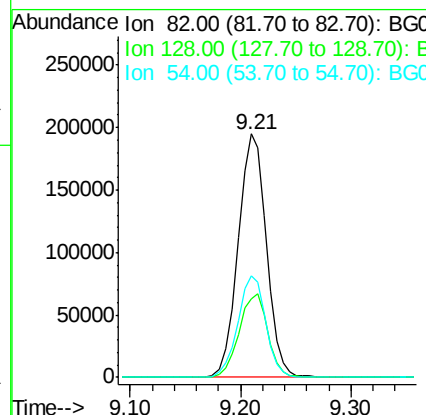
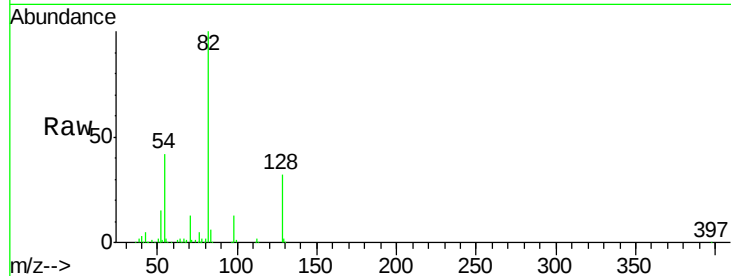




#23
Nitrobenzene-d5
Concen: 89.616 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035407.D
Acq: 26 Jun 2018 10:56

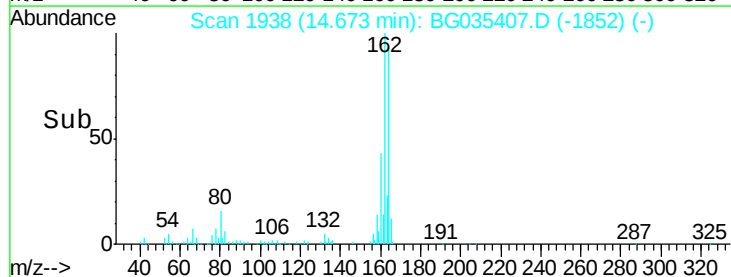
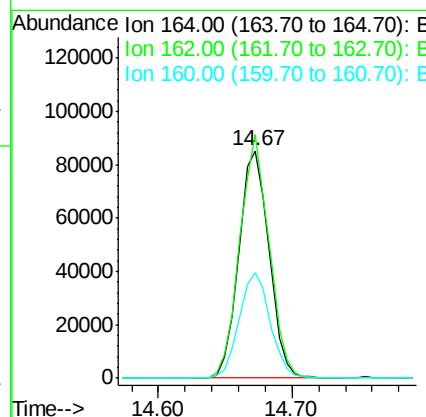
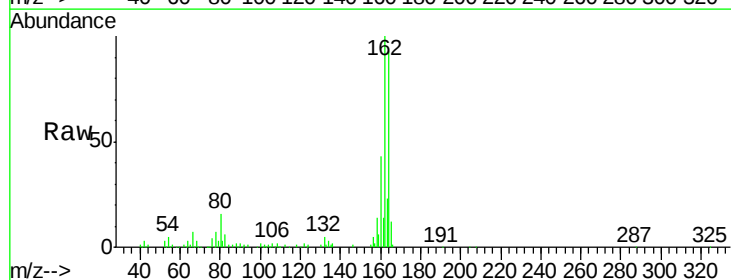
Instrument :
BNA_G
ClientSampleId :
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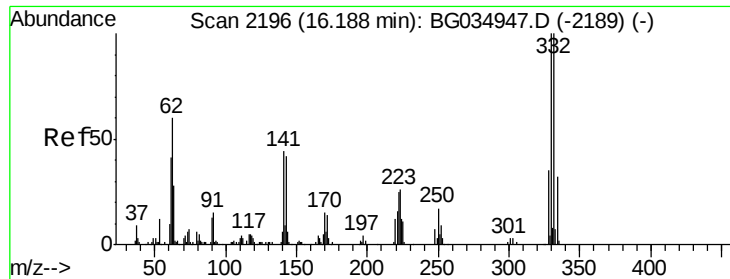
Tgt Ion: 82 Resp: 350309
Ion Ratio Lower Upper
82 100
128 32.2 29.7 44.5
54 41.6 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035407.D
Acq: 26 Jun 2018 10:56

Tgt Ion: 164 Resp: 133742
Ion Ratio Lower Upper
164 100
162 107.2 78.8 118.2
160 46.2 35.4 53.0

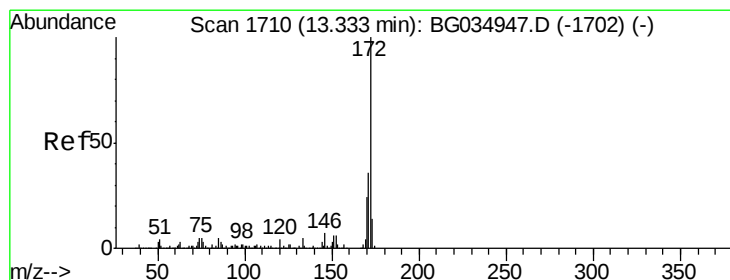
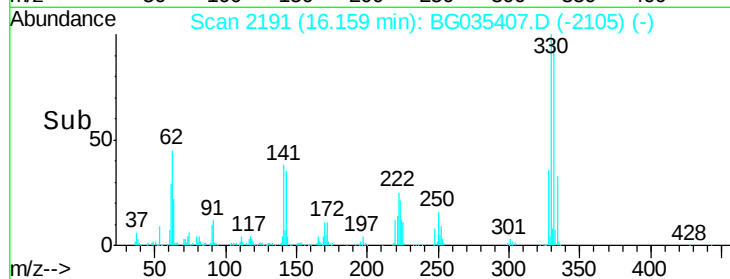
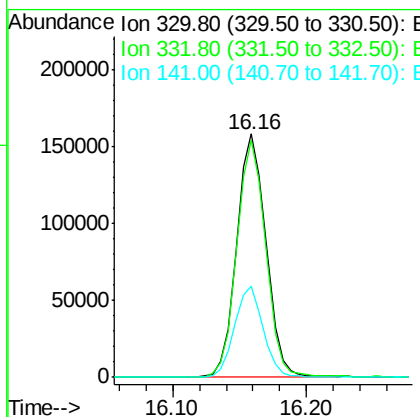
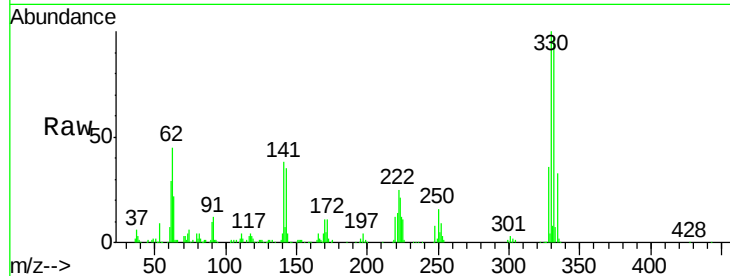




#41
 2,4,6-Tribromophenol
 Concen: 140.796 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035407.D
 Acq: 26 Jun 2018 10:56

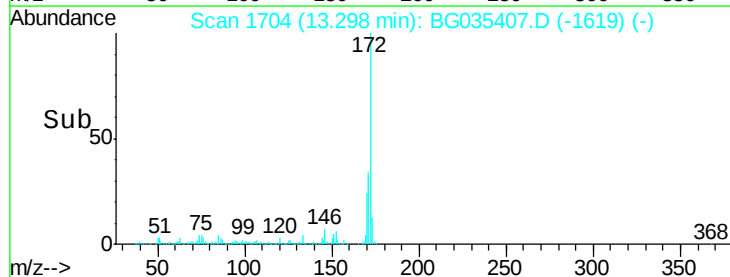
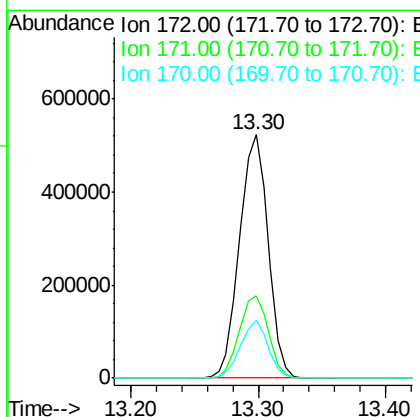
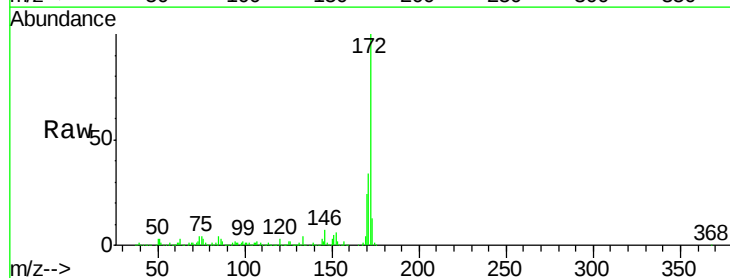
Instrument :
 BNA_G
 ClientSampleId :
 PB110552TB

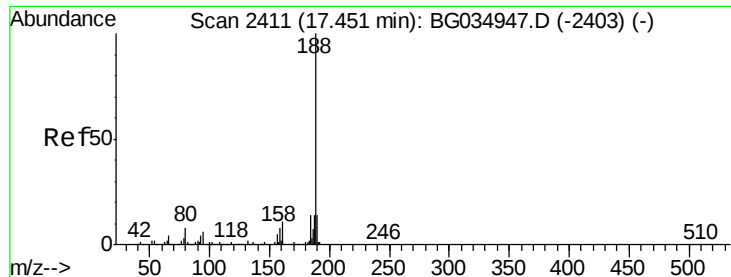
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	36.8	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 79.723 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035407.D
 Acq: 26 Jun 2018 10:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	30.0	45.0
170	24.0	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035407.D

Acq: 26 Jun 2018 10:56

Instrument :

BNA_G

ClientSampleId :

PB110552TB

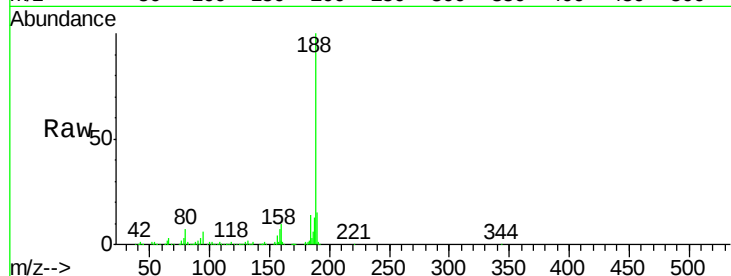
Tgt Ion:188 Resp: 369285

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

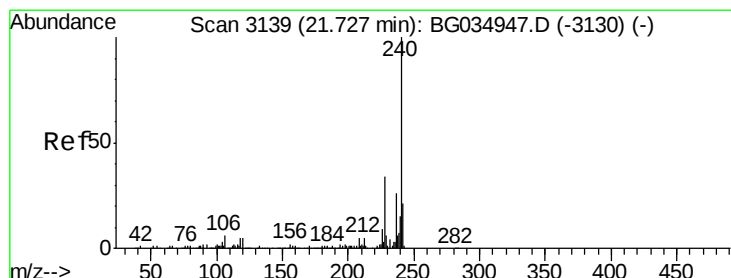
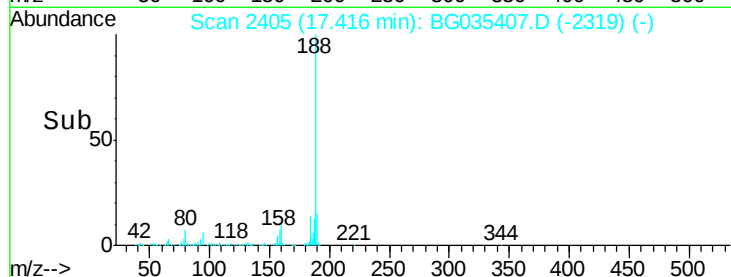
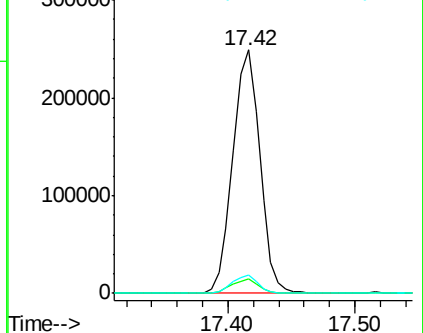
80 7.3 7.7 11.5#



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: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035407.D

Acq: 26 Jun 2018 10:56

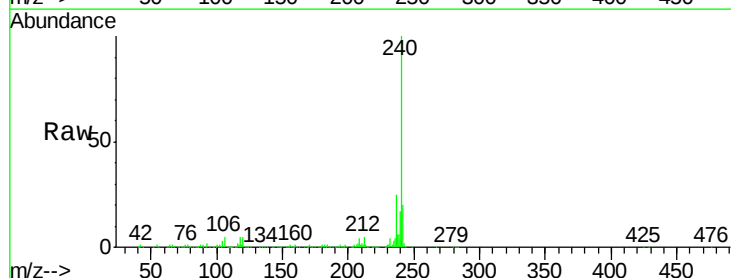
Tgt Ion:240 Resp: 403922

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

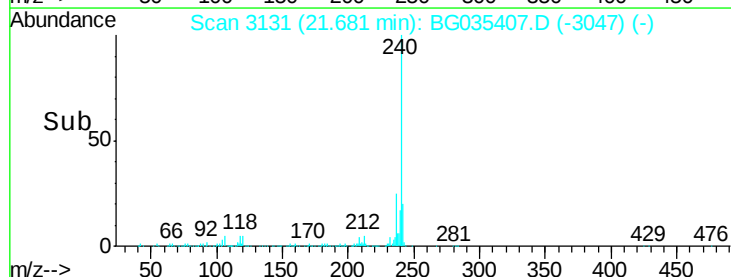
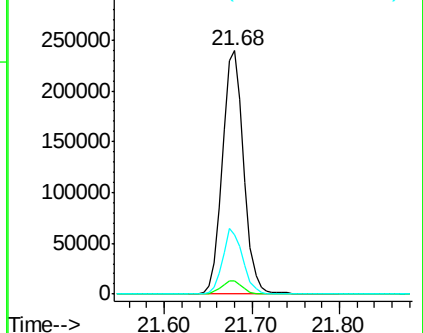
236 24.6 20.9 31.3

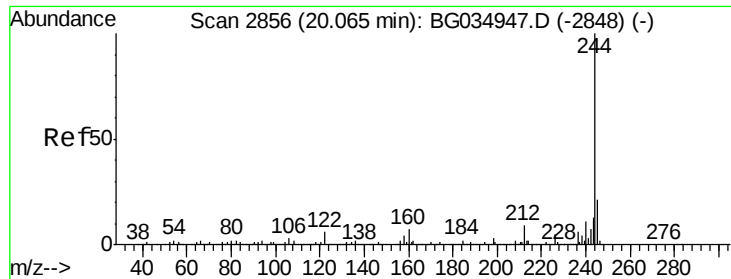


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.670 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035407.D

Acq: 26 Jun 2018 10:56

Instrument :

BNA_G

ClientSampleId :

PB110552TB

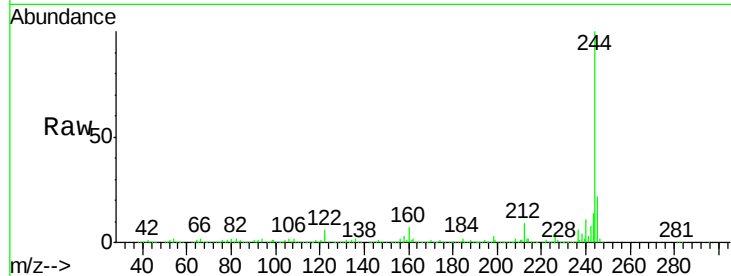
Tgt Ion:244 Resp: 1517023

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

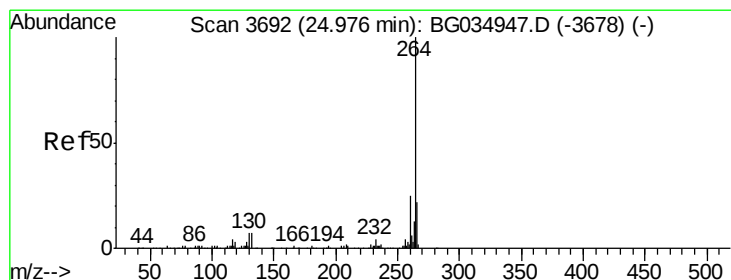
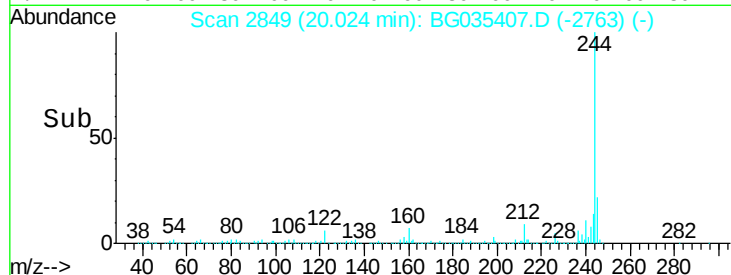
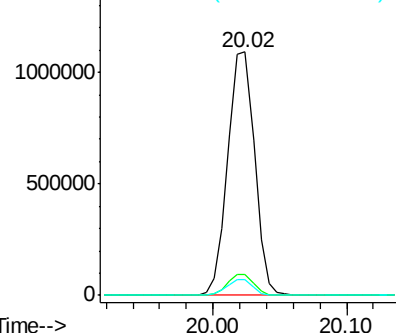
122 6.4 7.0 10.4#



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: 24.89 min Scan# 3678

Delta R.T. -0.06 min

Lab File: BG035407.D

Acq: 26 Jun 2018 10:56

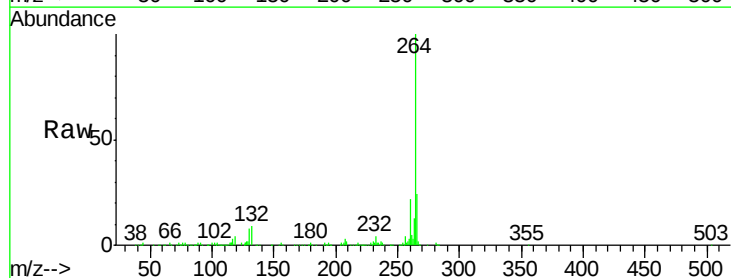
Tgt Ion:264 Resp: 372474

Ion Ratio Lower Upper

264 100

260 21.9 17.4 26.0

265 24.4 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

