

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
 Data File : BG035392.D
 Acq On : 26 Jun 2018 1:18
 Operator : JU/SJ
 Sample : J3240-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-062218

Quant Time: Jun 26 07:18:19 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	51249	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	194506	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	136699	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	382238	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	410619	20.00	ng	-0.04
86) Perylene-d12	24.89	264	377354	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	433121	142.62	ng	-0.01
7) Phenol-d6	7.21	99	569406	127.04	ng	-0.01
23) Nitrobenzene-d5	9.21	82	438679	107.21	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	321389	183.66	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	974611	92.68	ng	-0.03
78) Terphenyl-d14	20.02	244	1884528	96.13	ng	-0.02

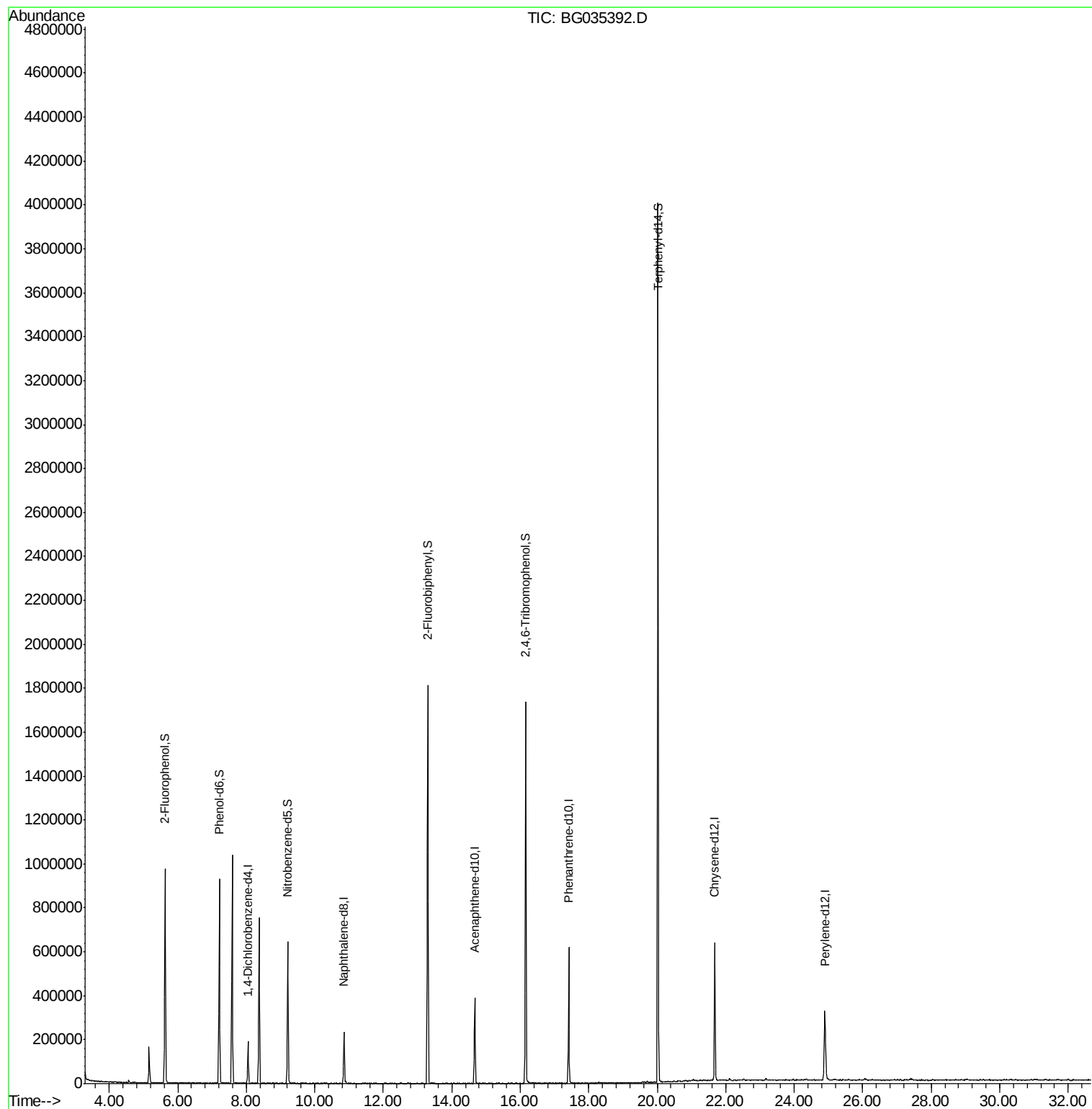
Target Compounds Qvalue

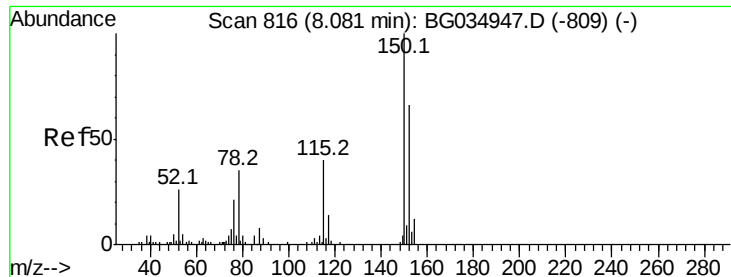
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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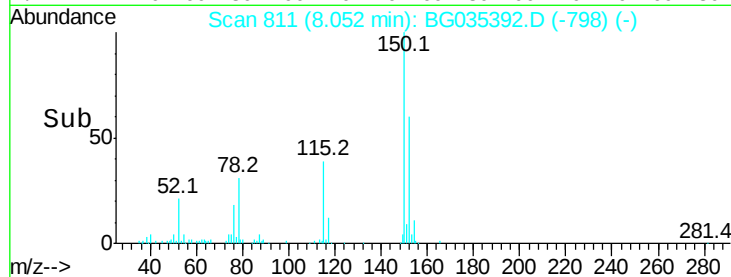
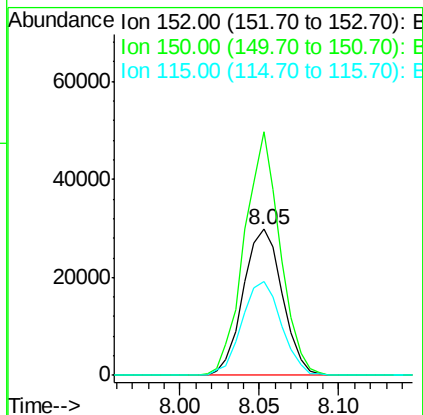
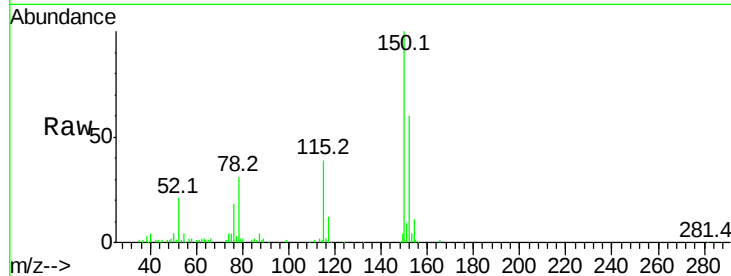


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035392.D
Acq: 26 Jun 2018 1:18

Instrument :
BNA_G
ClientSampleId :
BU-02-062218

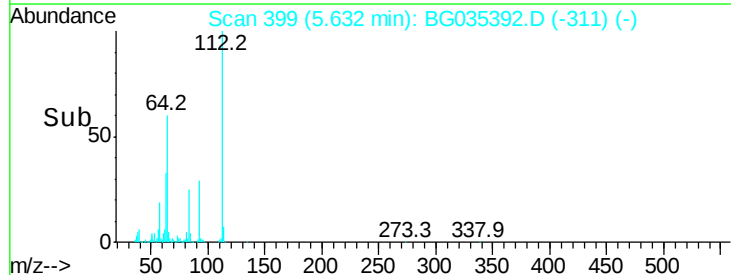
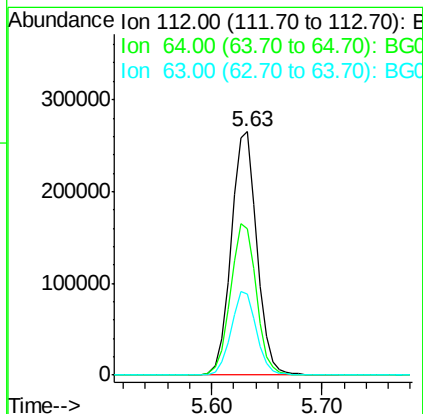
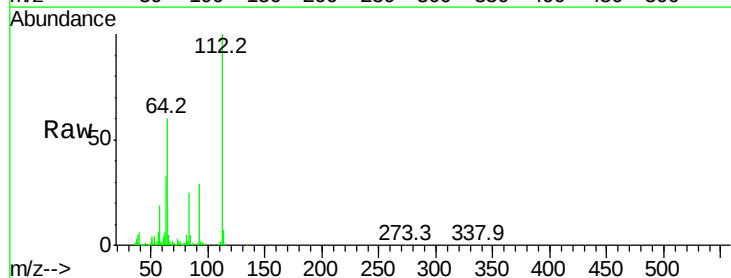
Tot Ion:152 Resp: 51249
Ion Ratio Lower Upper
152 100
150 166.8 126.6 189.8
115 64.7 53.0 79.4

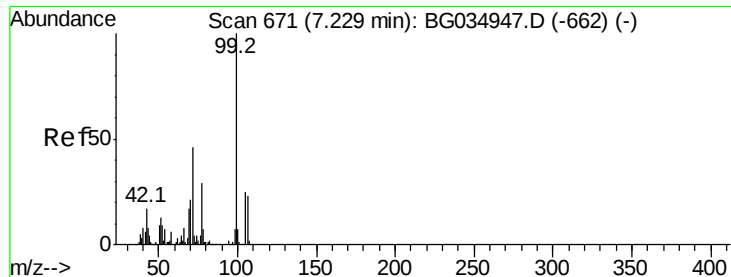


#5

2-Fluorophenol
Concen: 142.625 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035392.D
Acq: 26 Jun 2018 1:18

Tgt Ion:112 Resp: 433121
Ion Ratio Lower Upper
112 100
64 60.3 56.3 84.5
63 33.2 30.1 45.1





#7

Phenol-d6

Concen: 127.040 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035392.D

Acq: 26 Jun 2018 1:18

Instrument :

BNA_G

ClientSampleId :

BU-02-062218

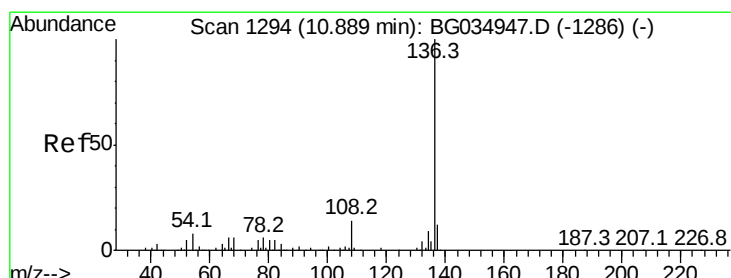
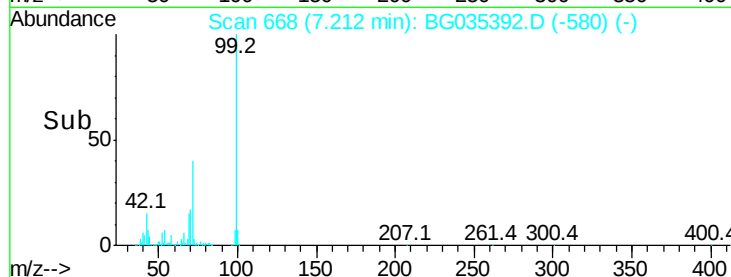
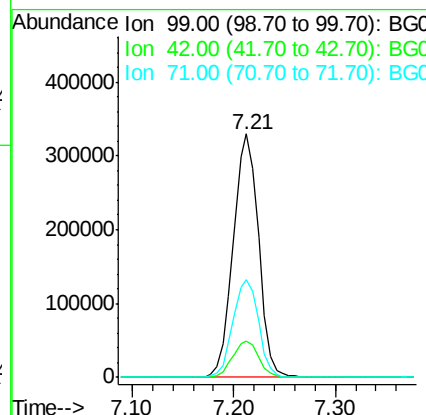
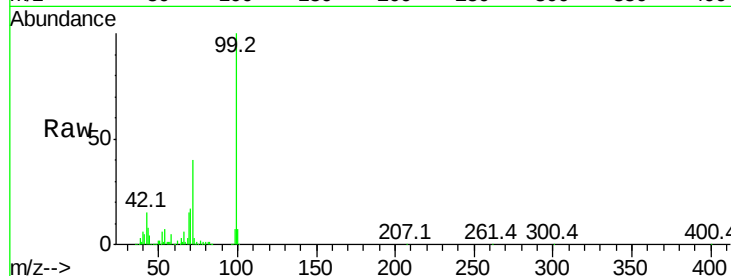
Tot Ion: 99 Resp: 569406

Ion Ratio Lower Upper

99 100

42 14.7 14.1 21.1

71 39.9 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035392.D

Acq: 26 Jun 2018 1:18

Tgt Ion: 136 Resp: 194506

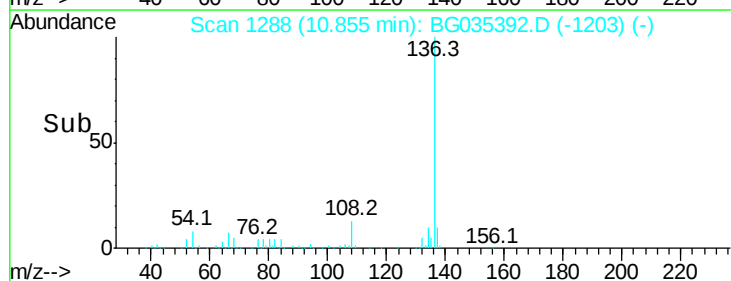
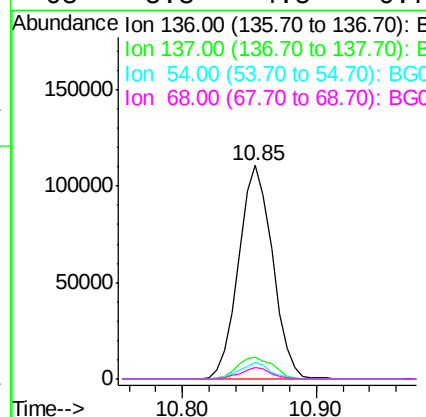
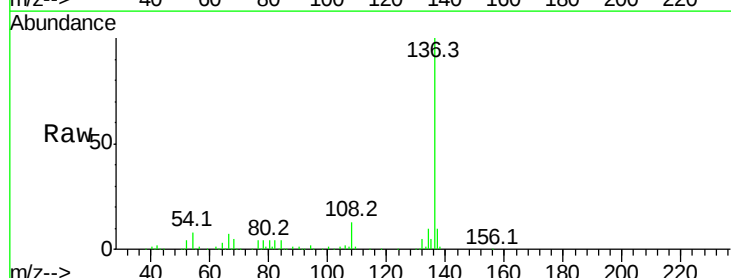
Ion Ratio Lower Upper

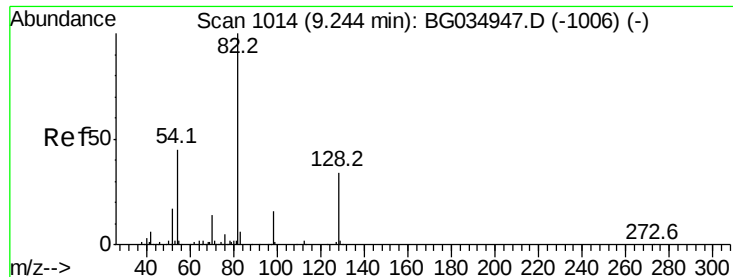
136 100

137 10.1 9.2 13.8

54 7.7 10.3 15.5#

68 5.3 4.5 6.7

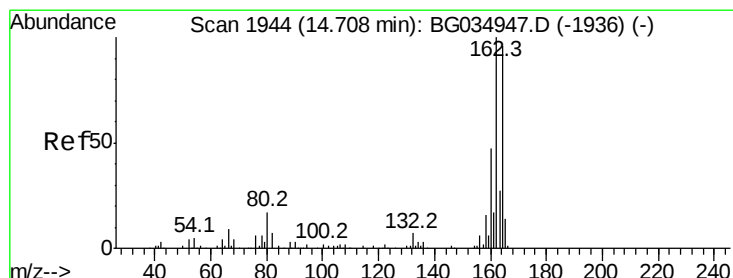
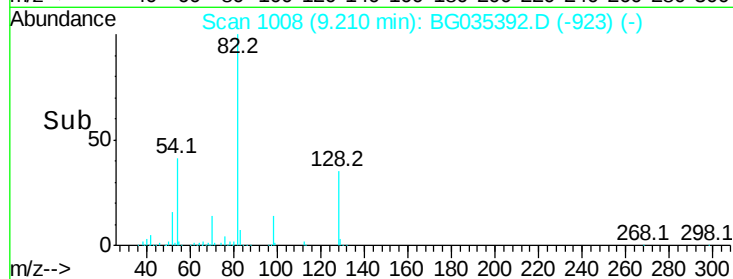
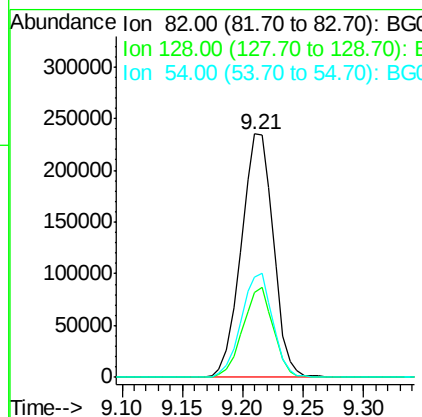
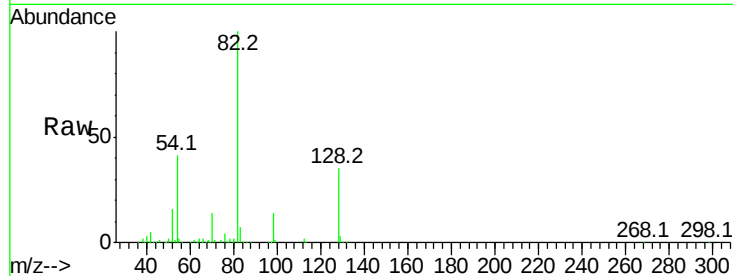




#23
 Nitrobenzene-d5
 Concen: 107.207 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.03 min
 Lab File: BG035392.D
 Acq: 26 Jun 2018 1:18

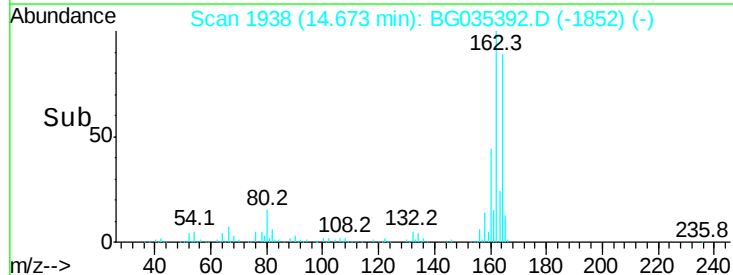
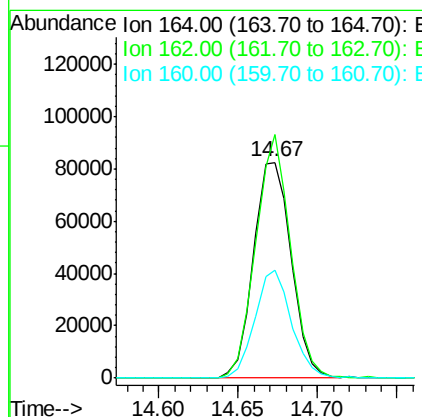
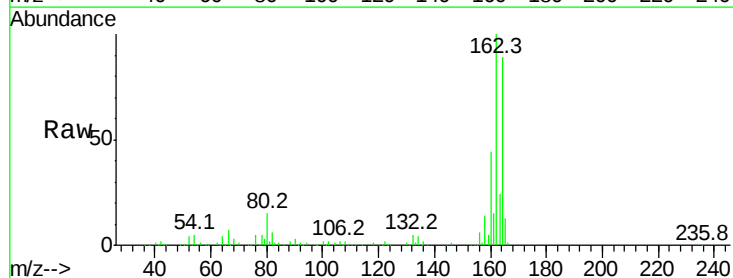
Instrument :
 BNA_G
 ClientSampleId :
 BU-02-062218

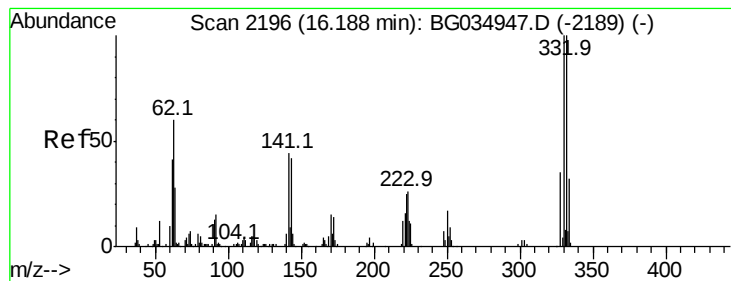
Tot Ion: 82 Resp: 438679
 Ion Ratio Lower Upper
 82 100
 128 34.8 29.7 44.5
 54 41.2 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035392.D
 Acq: 26 Jun 2018 1:18

Tgt Ion: 164 Resp: 136699
 Ion Ratio Lower Upper
 164 100
 162 112.9 78.8 118.2
 160 49.9 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 183.659 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035392.D

Acq: 26 Jun 2018 1:18

Instrument :

BNA_G

ClientSampleId :

BU-02-062218

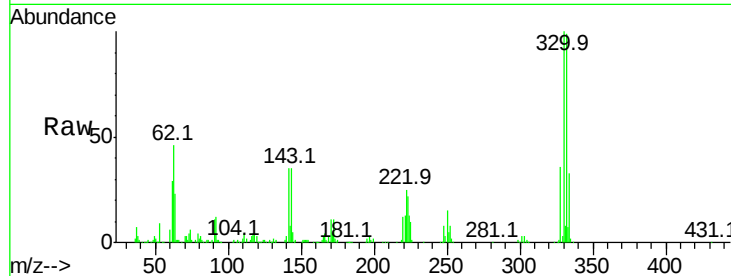
Tot Ion:330 Resp: 321389

Ion Ratio Lower Upper

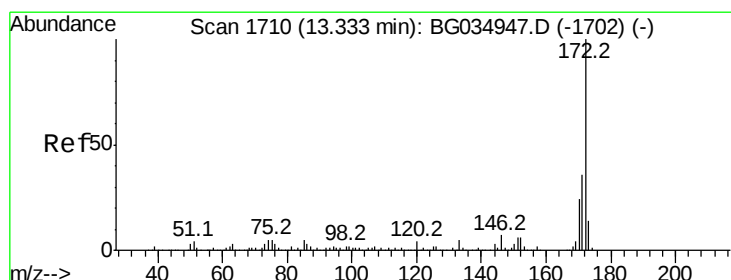
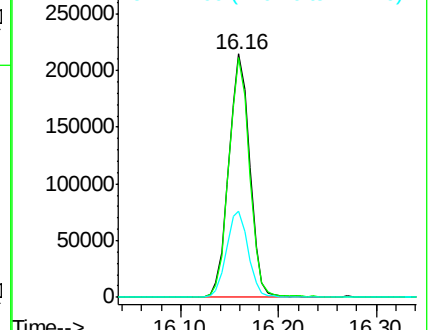
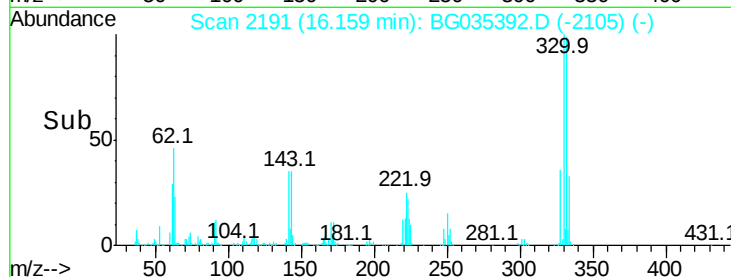
330 100

332 97.1 77.0 115.6

141 36.5 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: 92.685 ng

RT: 13.30 min Scan# 1704

Delta R.T. -0.03 min

Lab File: BG035392.D

Acq: 26 Jun 2018 1:18

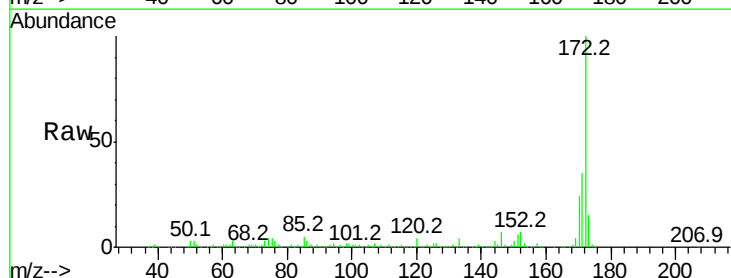
Tgt Ion:172 Resp: 974611

Ion Ratio Lower Upper

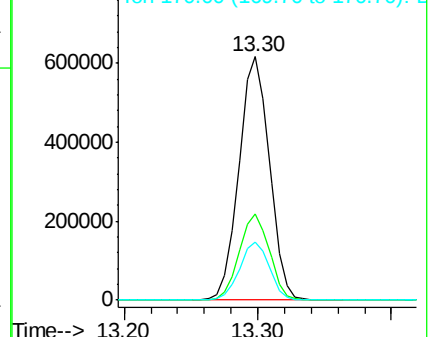
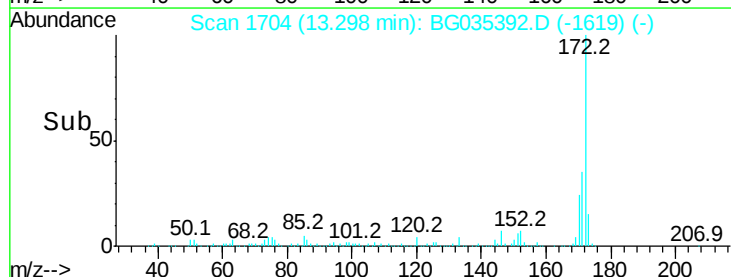
172 100

171 35.3 30.0 45.0

170 23.6 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: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035392.D

Acq: 26 Jun 2018 1:18

Instrument :

BNA_G

ClientSampleId :

BU-02-062218

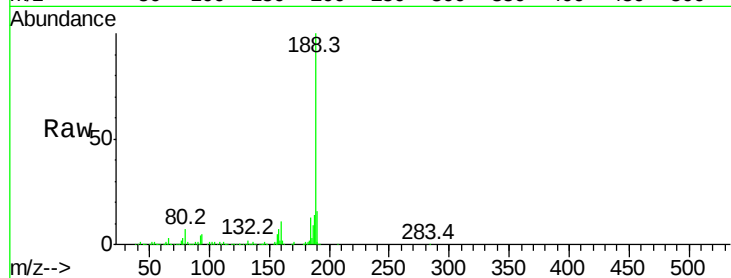
Tot Ion:188 Resp: 382238

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

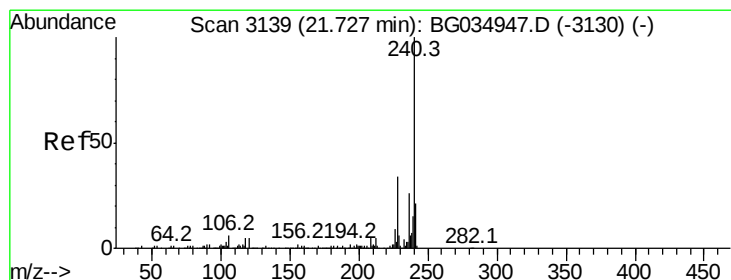
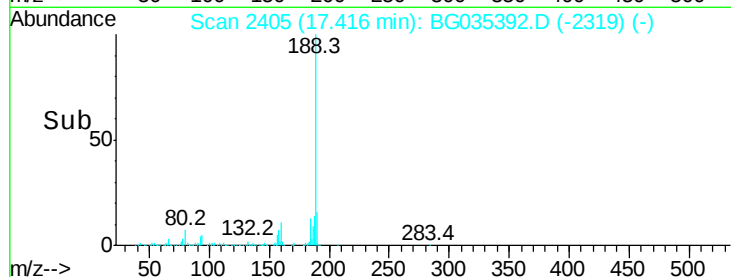
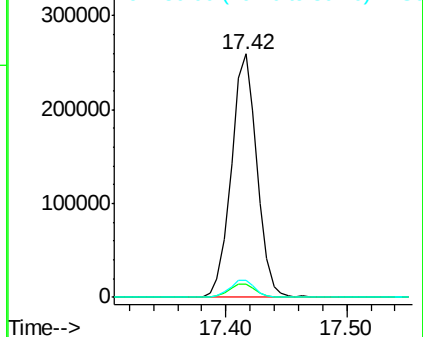
80 6.9 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035392.D

Acq: 26 Jun 2018 1:18

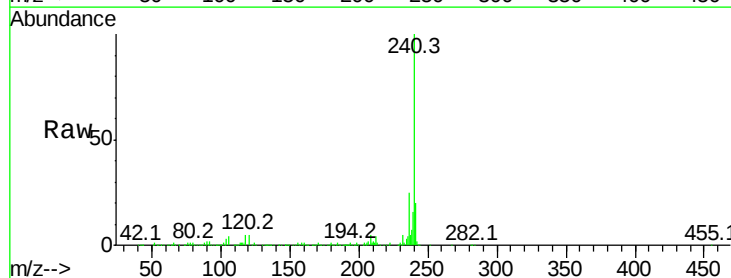
Tgt Ion:240 Resp: 410619

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

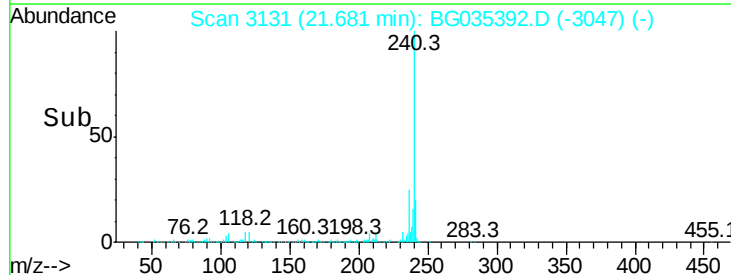
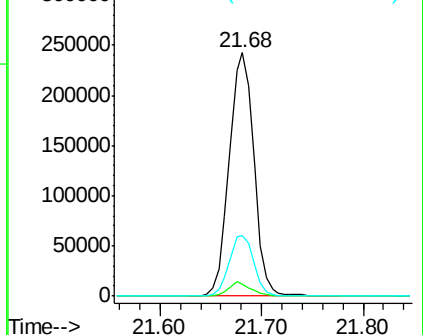
236 25.1 20.9 31.3



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: 96.135 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035392.D

Acq: 26 Jun 2018 1:18

Instrument :

BNA_G

ClientSampleId :

BU-02-062218

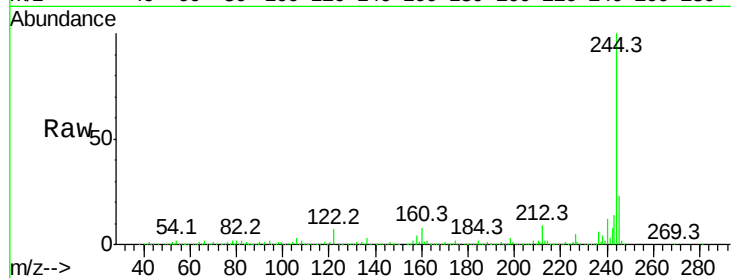
Tot Ion:244 Resp: 1884528

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

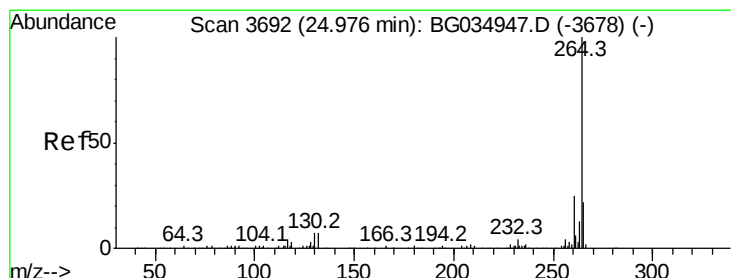
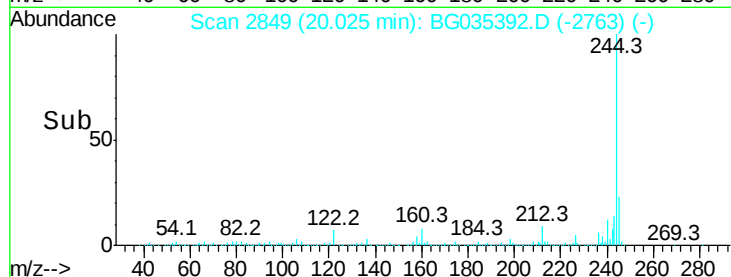
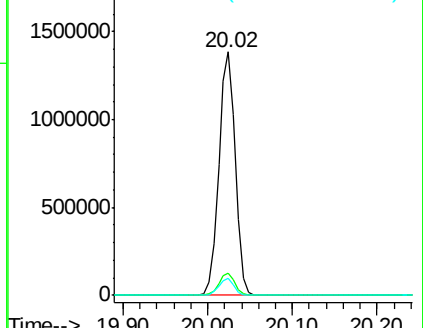
122 6.8 7.0 10.4#



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: BG035392.D

Acq: 26 Jun 2018 1:18

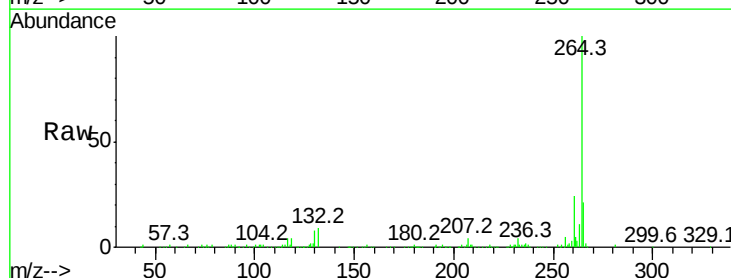
Tgt Ion:264 Resp: 377354

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 20.8 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

