

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
 Data File : BG035322.D
 Acq On : 22 Jun 2018 6:58
 Operator : JU/SJ
 Sample : J3603-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 26KV-TP-9

Quant Time: Jun 22 09:34:02 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	8.06	152	50275	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	170702	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	113943	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	315383	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	370507	20.00	ng	-0.03
86) Perylene-d12	24.90	264	348712	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	412440	138.45	ng	0.00
7) Phenol-d6	7.21	99	524518	119.29	ng	-0.01
23) Nitrobenzene-d5	9.21	82	407480	113.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	274862	188.44	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	888711	101.39	ng	-0.02
78) Terphenyl-d14	20.02	244	1721334	97.32	ng	-0.02

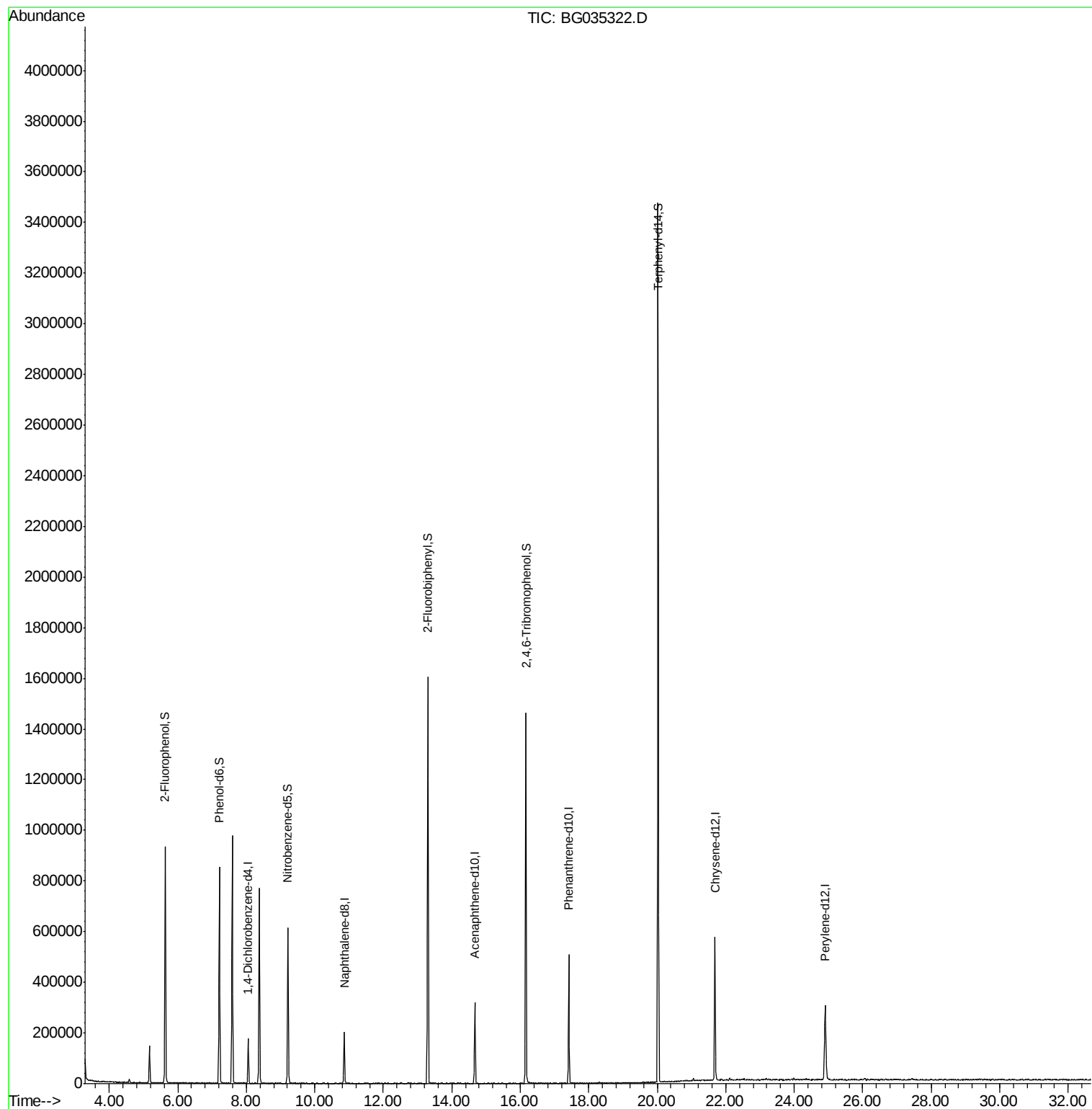
Target Compounds Qvalue

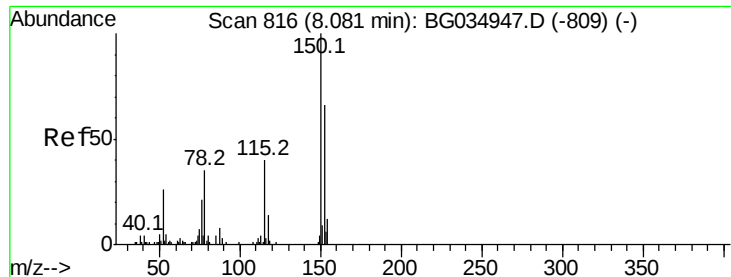
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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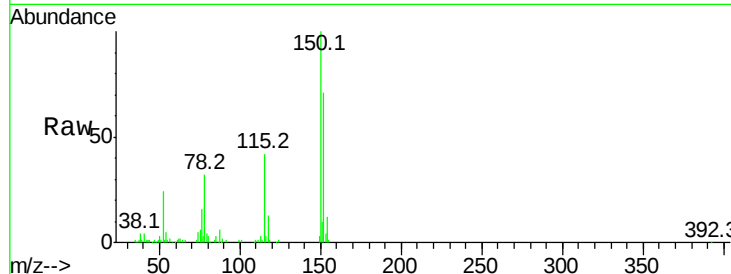


#1

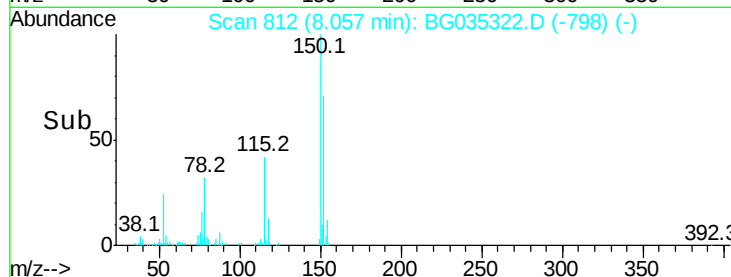
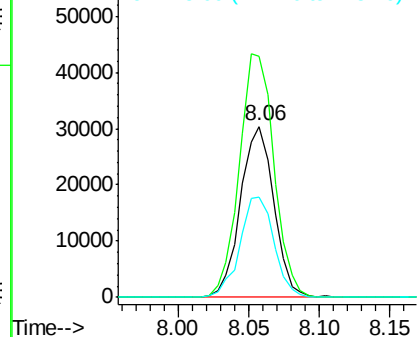
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035322.D
Acq: 22 Jun 2018 6:58

Instrument :
BNA_G
ClientSampleId :
26KV-TP-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.4	126.6	189.8
115	58.9	53.0	79.4



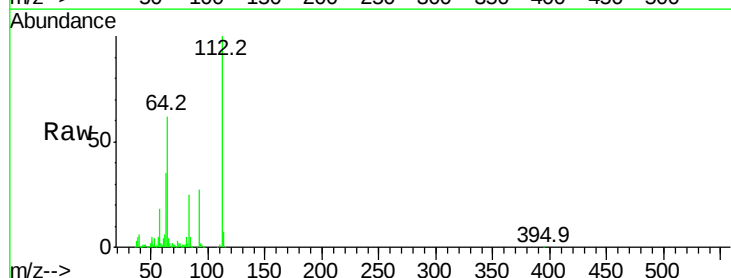
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



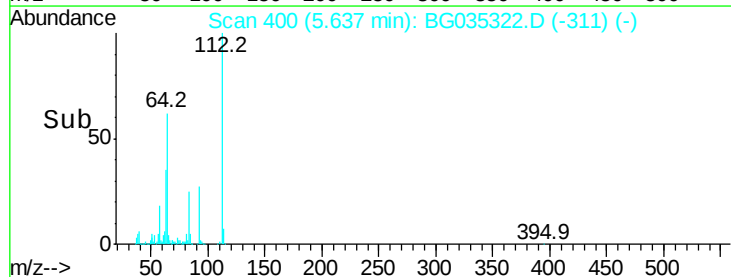
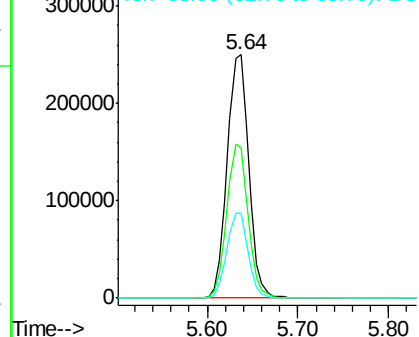
#5

2-Fluorophenol
Concen: 138.446 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035322.D
Acq: 22 Jun 2018 6:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	56.3	84.5
63	34.8	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 119.292 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035322.D

Acq: 22 Jun 2018 6:58

Instrument :

BNA_G

ClientSampleId :

26KV-TP-9

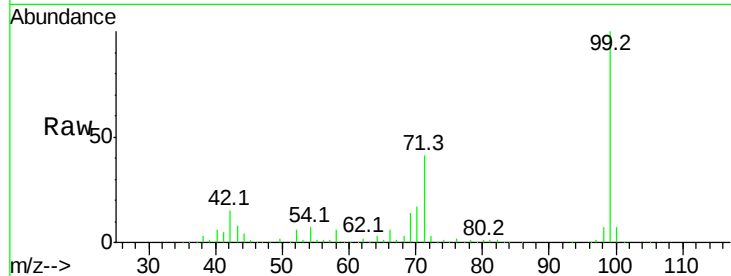
Tot Ion: 99 Resp: 524518

Ion Ratio Lower Upper

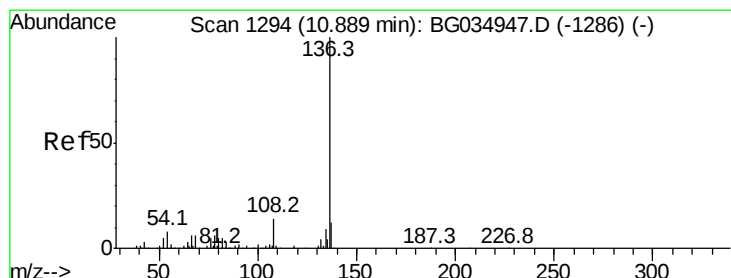
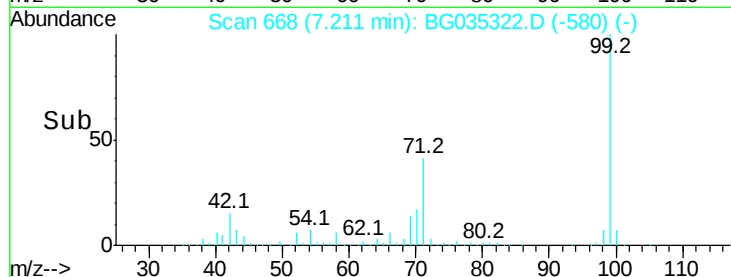
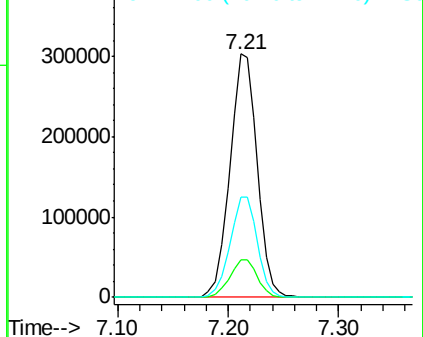
99 100

42 15.4 14.1 21.1

71 41.2 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: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035322.D

Acq: 22 Jun 2018 6:58

Tgt Ion: 136 Resp: 170702

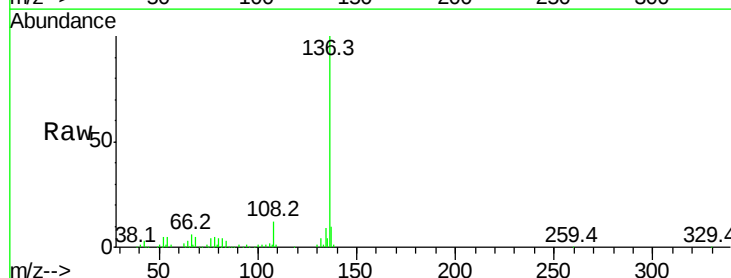
Ion Ratio Lower Upper

136 100

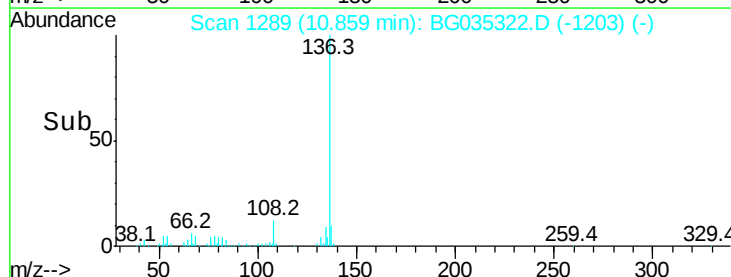
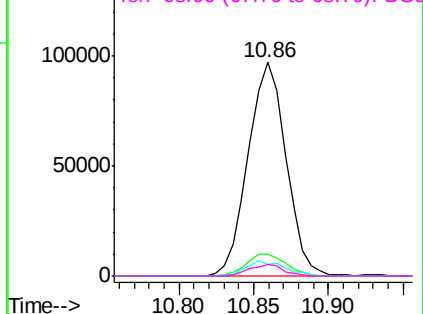
137 10.2 9.2 13.8

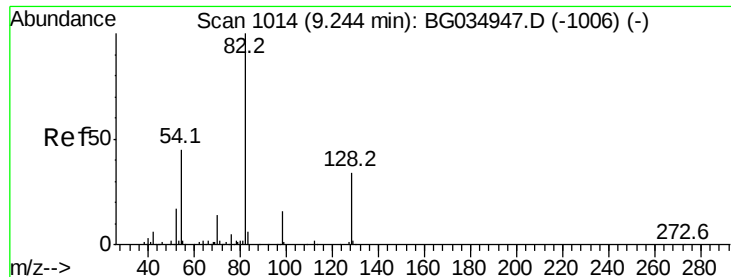
54 5.5 10.3 15.5#

68 5.2 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

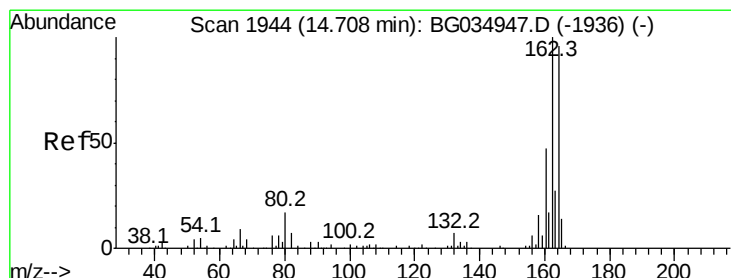
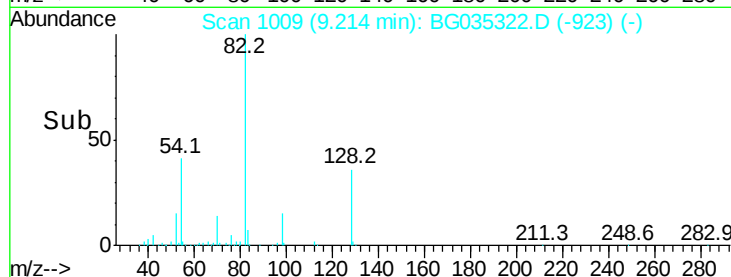
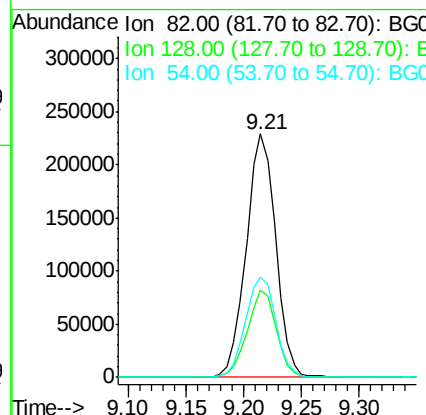
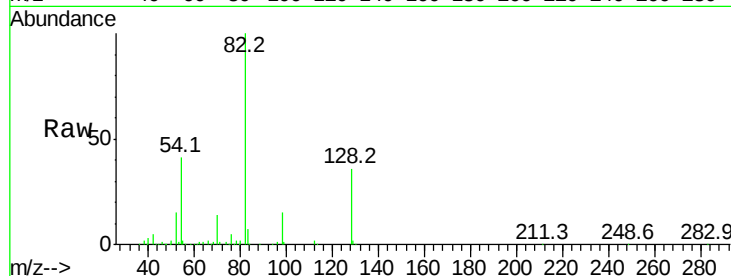




#23
 Nitrobenzene-d5
 Concen: 113.468 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035322.D
 Acq: 22 Jun 2018 6:58

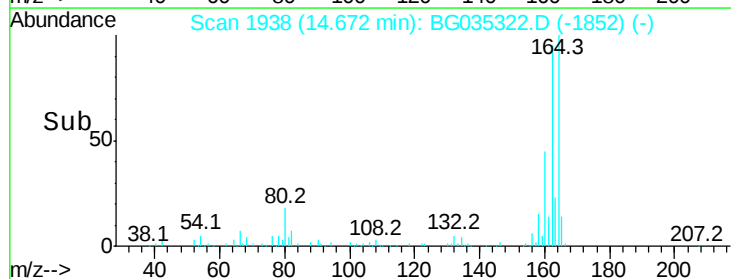
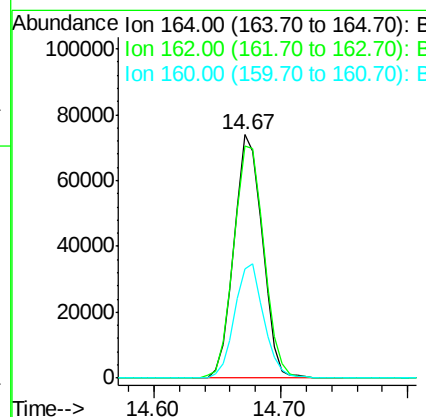
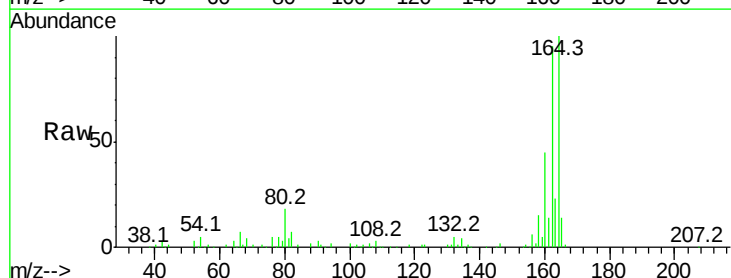
Instrument :
 BNA_G
 ClientSampleId :
 26KV-TP-9

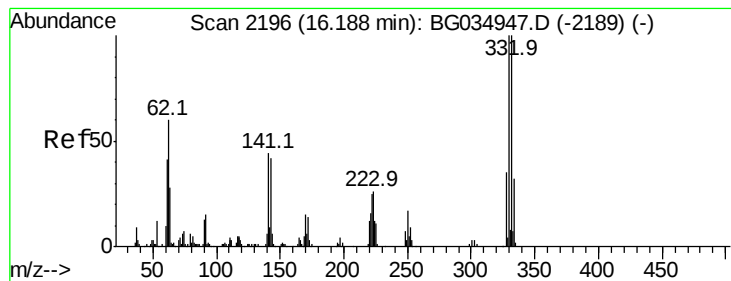
Tot Ion: 82 Resp: 407480
 Ion Ratio Lower Upper
 82 100
 128 36.1 29.7 44.5
 54 41.2 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035322.D
 Acq: 22 Jun 2018 6:58

Tgt Ion: 164 Resp: 113943
 Ion Ratio Lower Upper
 164 100
 162 95.5 78.8 118.2
 160 44.9 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 188.440 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035322.D

Acq: 22 Jun 2018 6:58

Instrument :

BNA_G

ClientSampleId :

26KV-TP-9

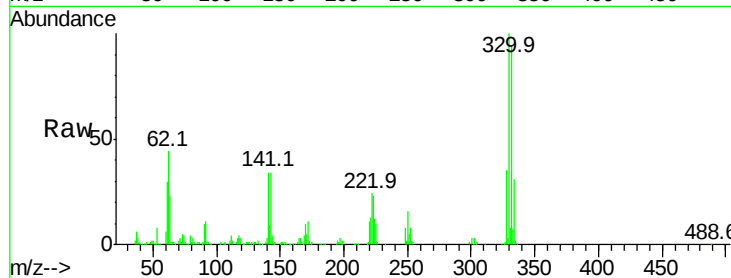
Tot Ion:330 Resp: 274862

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

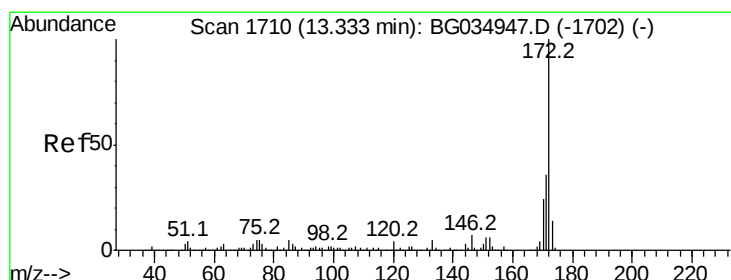
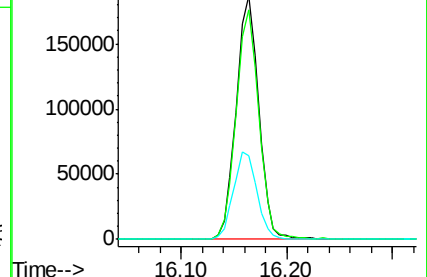
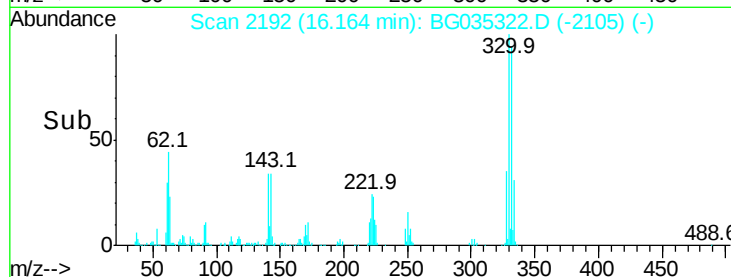
141 37.4 25.2 37.8



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: 101.395 ng

RT: 13.30 min Scan# 1705

Delta R.T. -0.02 min

Lab File: BG035322.D

Acq: 22 Jun 2018 6:58

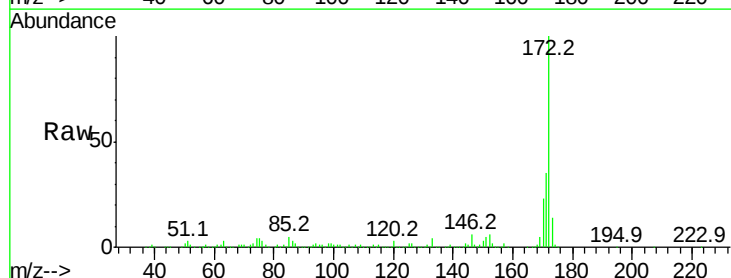
Tgt Ion:172 Resp: 888711

Ion Ratio Lower Upper

172 100

171 35.1 30.0 45.0

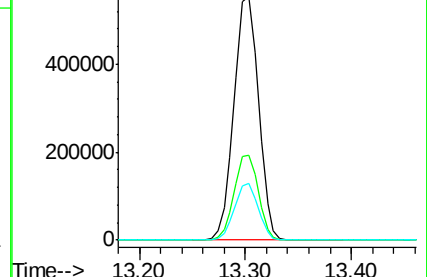
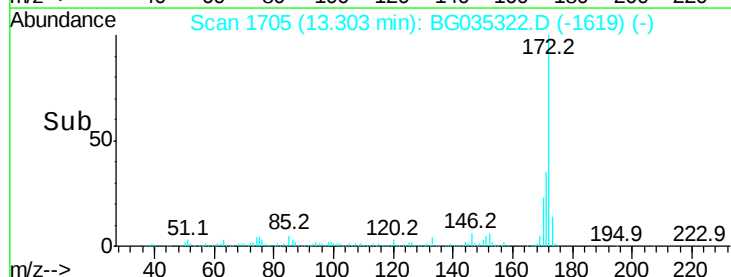
170 23.2 19.5 29.3



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: BG035322.D

Acq: 22 Jun 2018 6:58

Instrument :

BNA_G

ClientSampleId :

26KV-TP-9

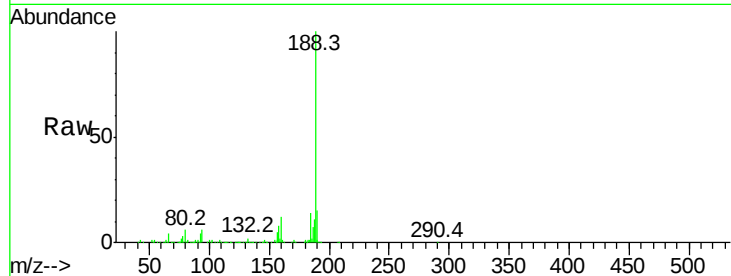
Tot Ion:188 Resp: 315383

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

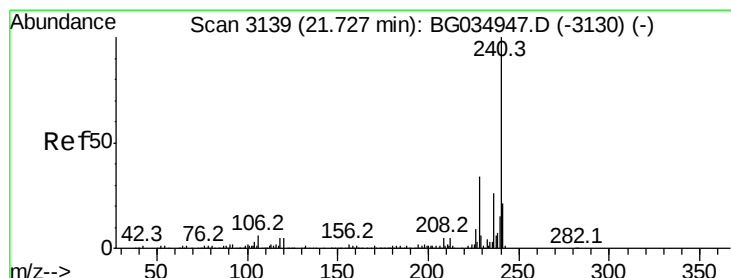
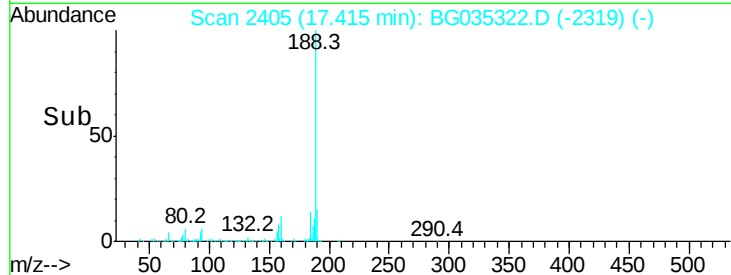
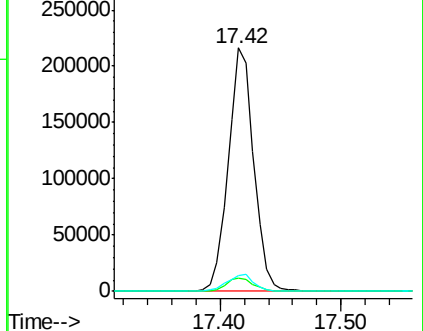
80 6.4 7.7 11.5#



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: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035322.D

Acq: 22 Jun 2018 6:58

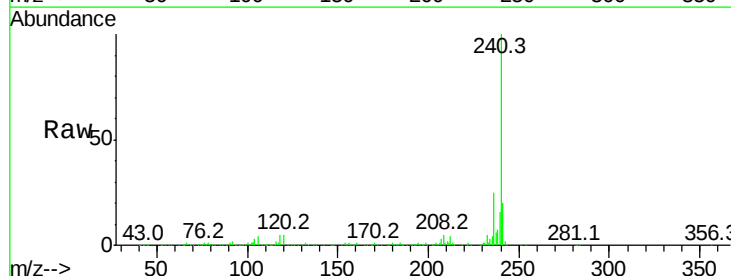
Tgt Ion:240 Resp: 370507

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

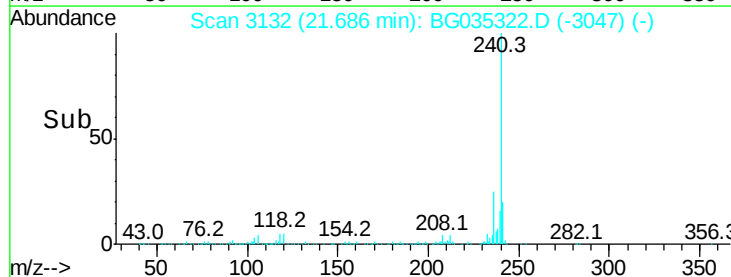
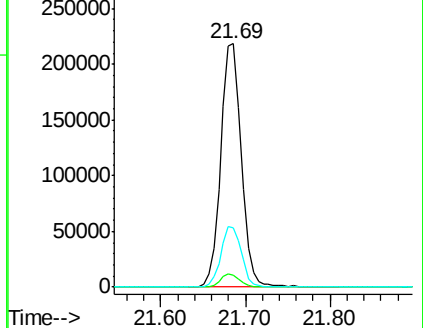
236 24.6 20.9 31.3



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: 97.316 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035322.D

Acq: 22 Jun 2018 6:58

Instrument :

BNA_G

ClientSampleId :

26KV-TP-9

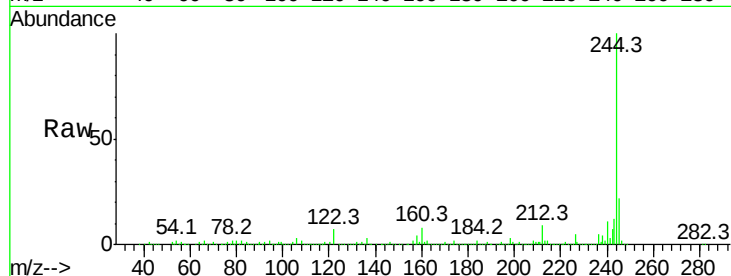
Tot Ion:244 Resp: 1721334

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

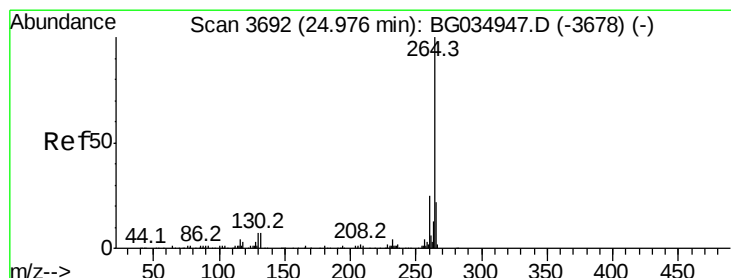
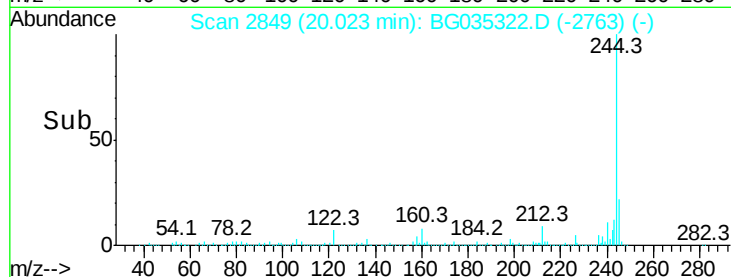
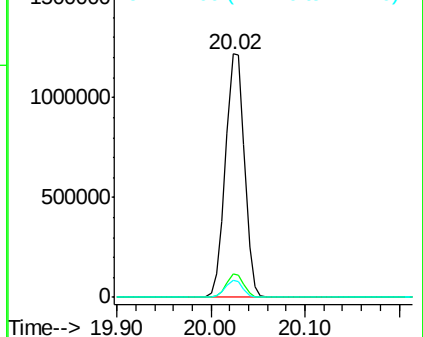
122 7.1 7.0 10.4



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: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035322.D

Acq: 22 Jun 2018 6:58

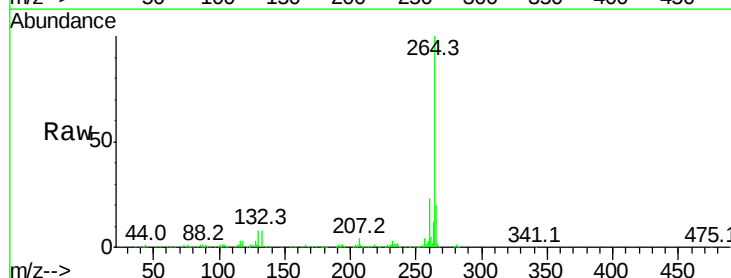
Tgt Ion:264 Resp: 348712

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 19.6 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

