

Data File : BG035283.D
Acq On : 21 Jun 2018 3:21
Operator : SJ/JU
Sample : J3245-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-061918-B

Quant Time: Jun 21 06:54:47 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

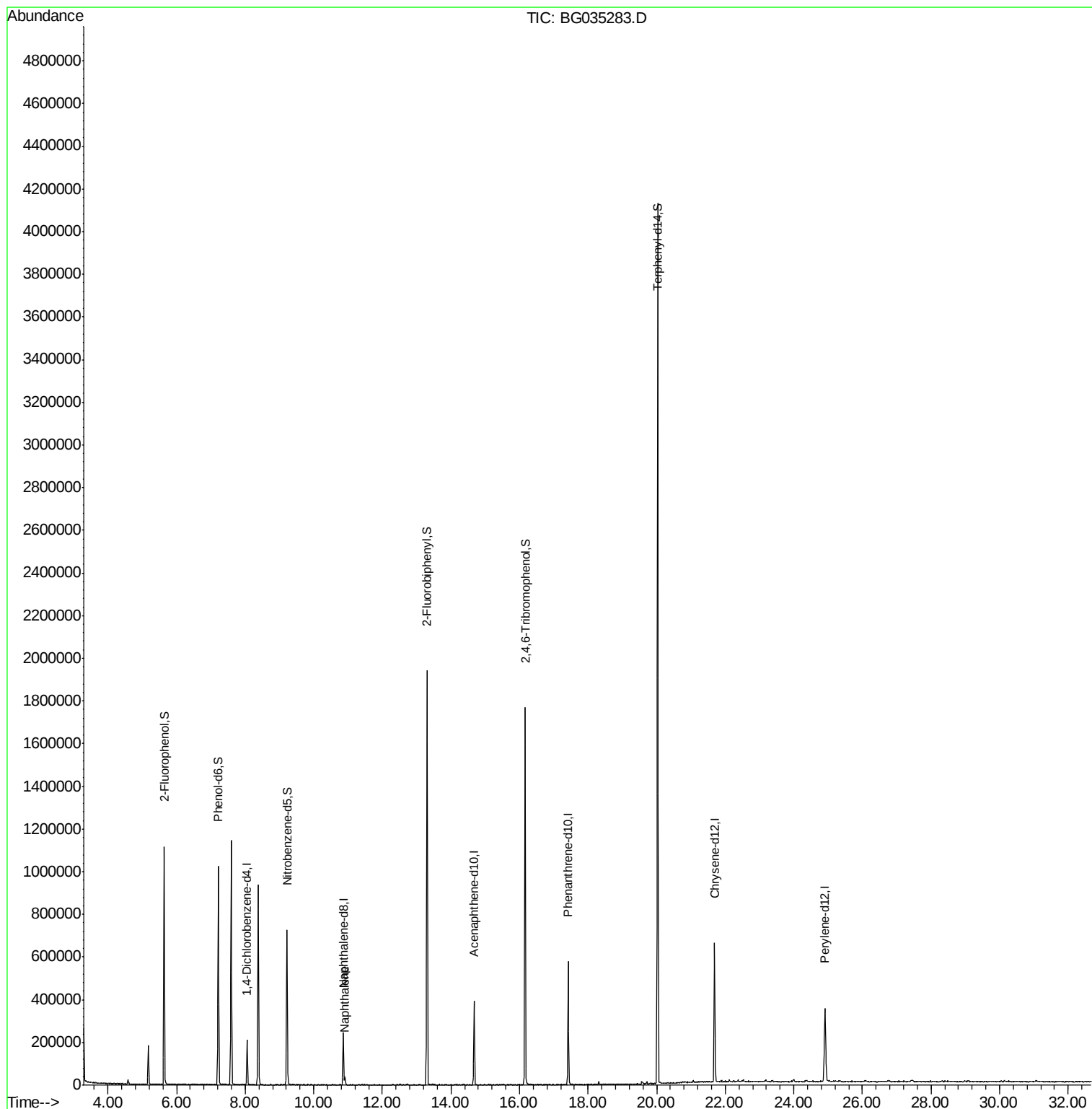
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58353	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	204283	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	135086	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	370777	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	414251	20.00	ng	-0.03
86) Perylene-d12	24.91	264	402972	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	480965	139.10	ng	0.00
7) Phenol-d6	7.22	99	613821	120.28	ng	0.00
23) Nitrobenzene-d5	9.22	82	476712	110.93	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	322580	186.54	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1055449	101.57	ng	-0.02
78) Terphenyl-d14	20.03	244	1943261	98.26	ng	-0.02
Target Compounds						
31) Naphthalene	10.91	128	29130	2.745	ng	Qvalue # 88

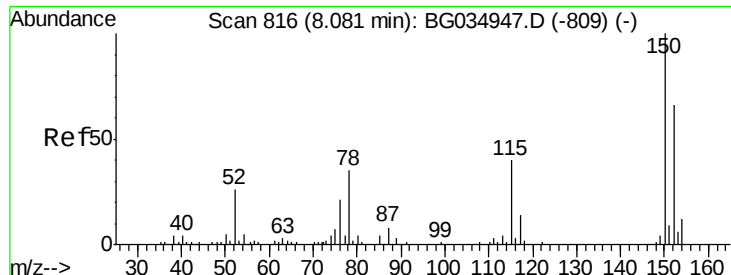
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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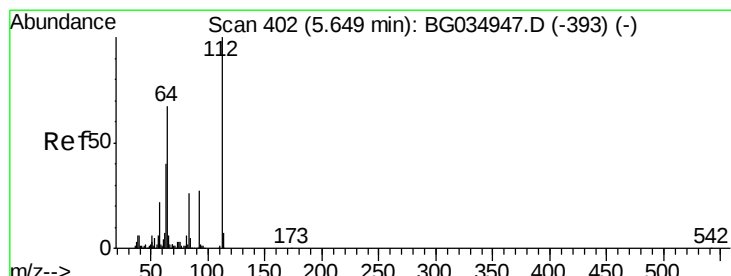
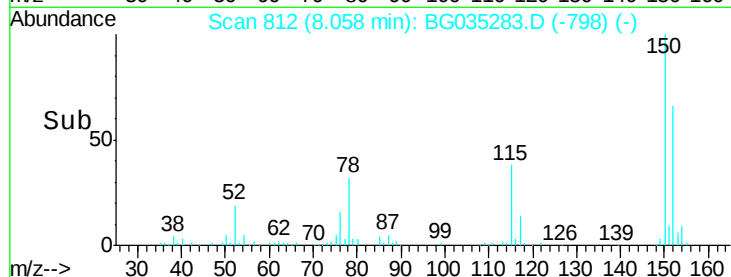
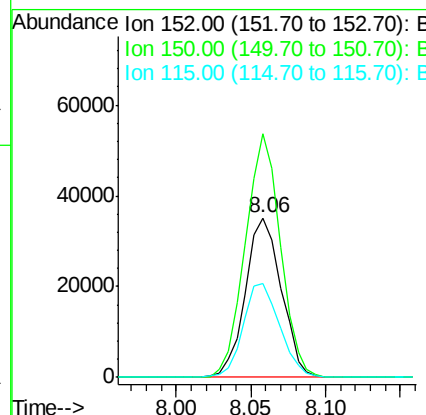
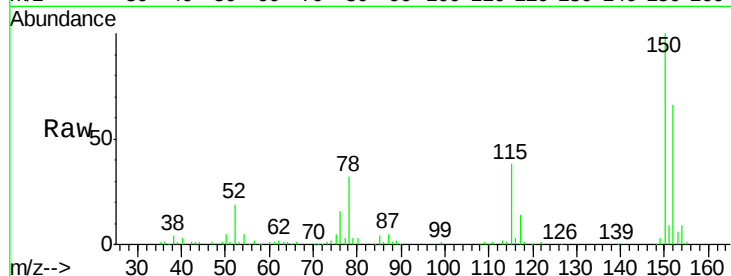




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BG035283.D
 Acq: 21 Jun 2018 3:21

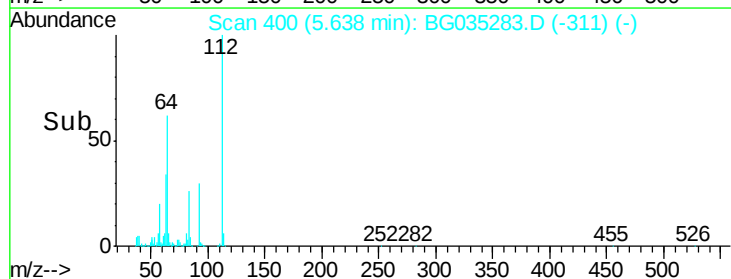
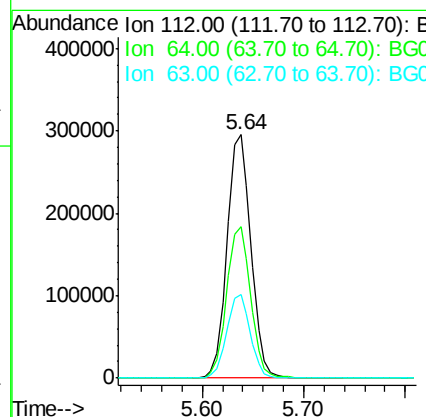
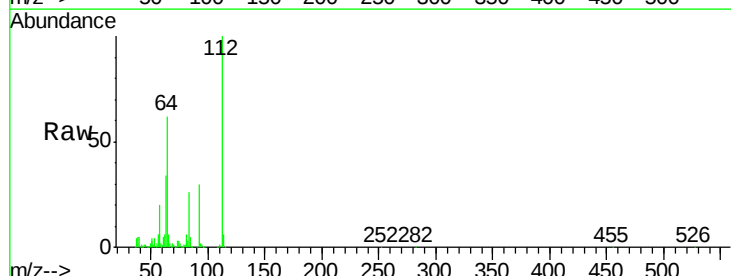
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-061918-B

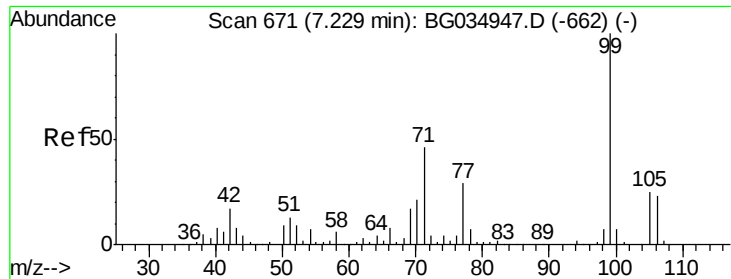
Tgt Ion:152 Resp: 58353
 Ion Ratio Lower Upper
 152 100
 150 152.7 126.6 189.8
 115 58.5 53.0 79.4



#5
 2-Fluorophenol
 Concen: 139.098 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG035283.D
 Acq: 21 Jun 2018 3:21

Tgt Ion:112 Resp: 480965
 Ion Ratio Lower Upper
 112 100
 64 62.2 56.3 84.5
 63 34.1 30.1 45.1





#7

Phenol-d6

Concen: 120.277 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035283.D

Acq: 21 Jun 2018 3:21

Instrument :

BNA_G

ClientSampleId :

CL-02-061918-B

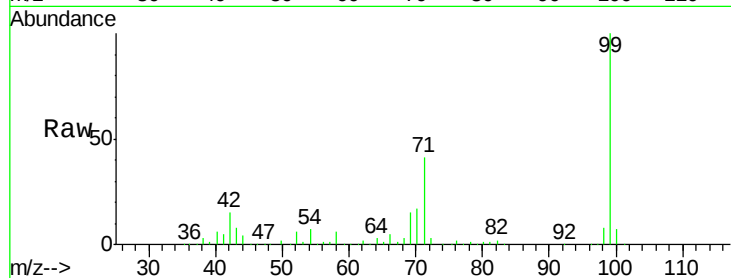
Tgt Ion: 99 Resp: 613821

Ion Ratio Lower Upper

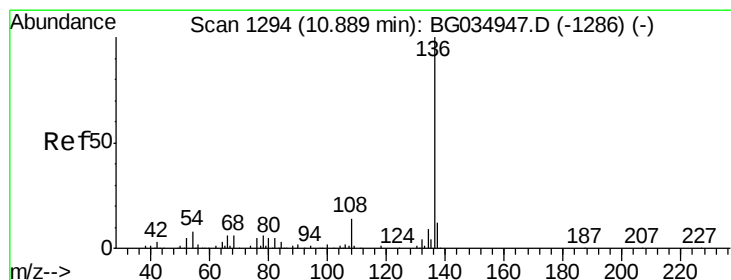
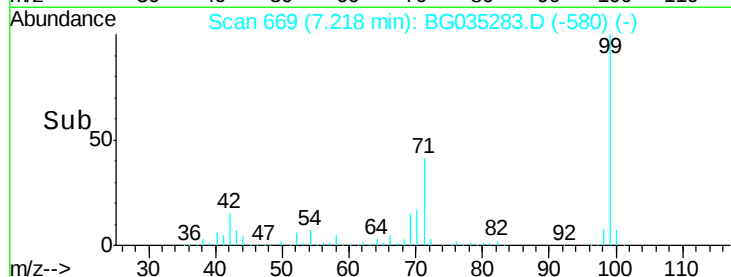
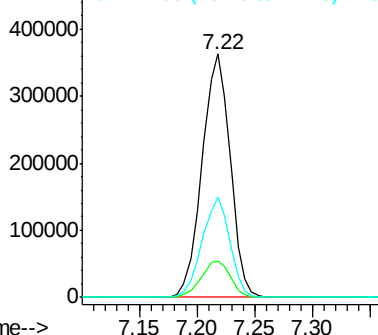
99 100

42 14.7 14.1 21.1

71 41.1 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: BG035283.D

Acq: 21 Jun 2018 3:21

Tgt Ion: 136 Resp: 204283

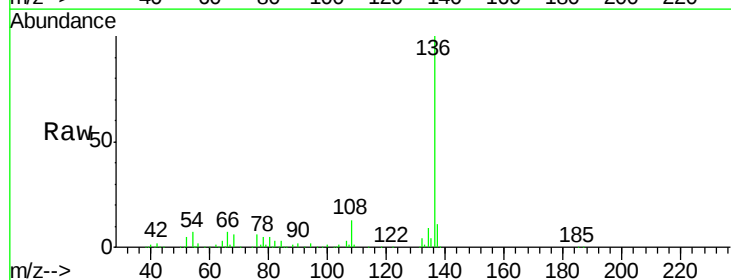
Ion Ratio Lower Upper

136 100

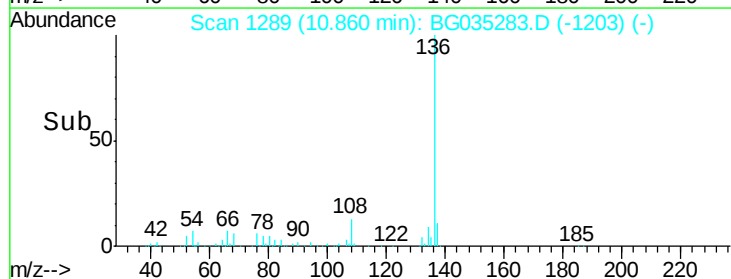
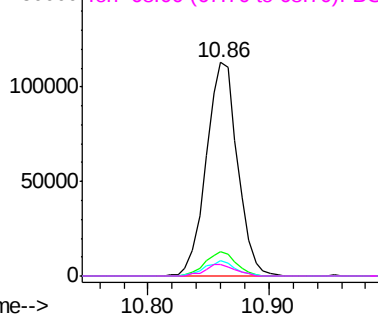
137 11.4 9.2 13.8

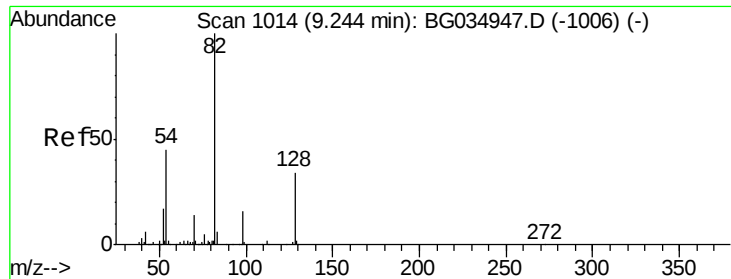
54 7.1 10.3 15.5#

68 5.7 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

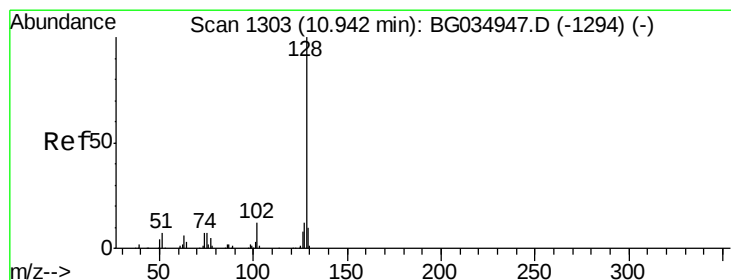
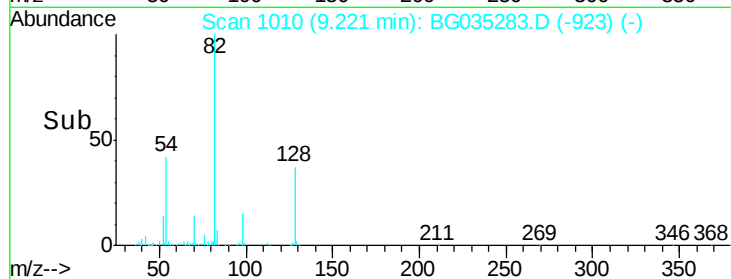
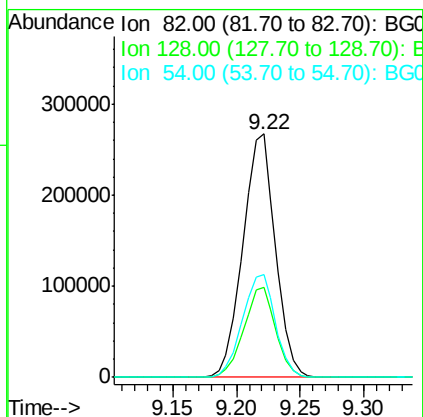
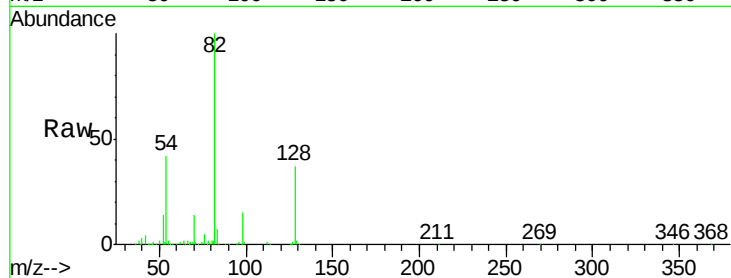




#23
Nitrobenzene-d5
Concen: 110.925 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035283.D
Acq: 21 Jun 2018 3:21

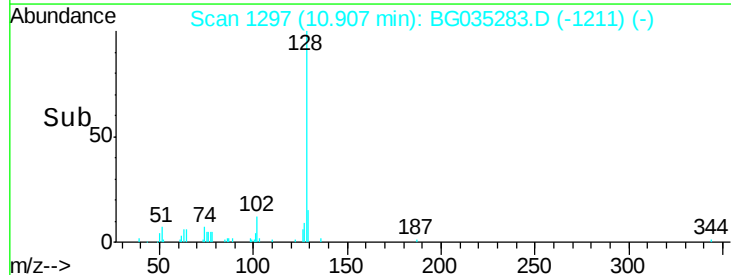
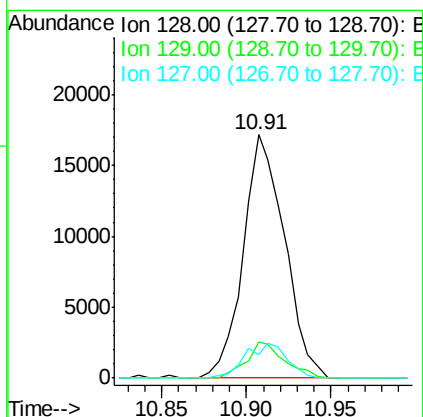
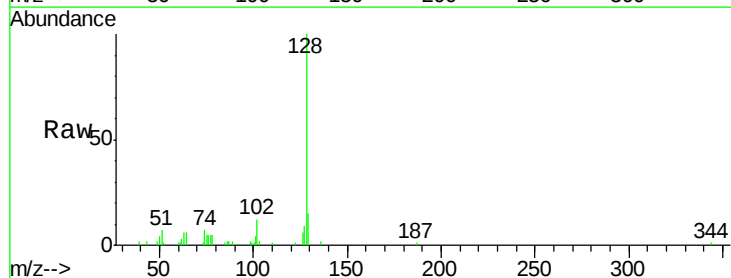
Instrument :
BNA_G
ClientSampleId :
CL-02-061918-B

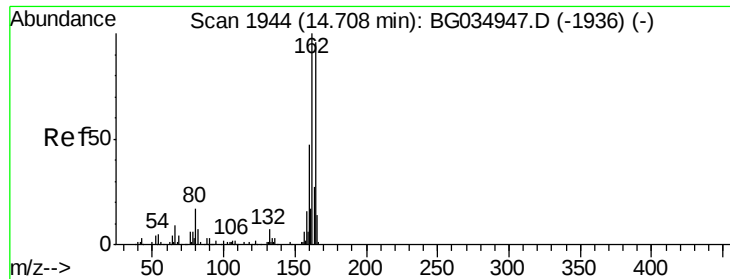
Tgt Ion: 82 Resp: 476712
Ion Ratio Lower Upper
82 100
128 37.1 29.7 44.5
54 42.1 43.1 64.7#



#31
Naphthalene
Concen: 2.745 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG035283.D
Acq: 21 Jun 2018 3:21

Tgt Ion: 128 Resp: 29130
Ion Ratio Lower Upper
128 100
129 15.0 8.6 12.8#
127 9.4 11.6 17.4#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035283.D

Acq: 21 Jun 2018 3:21

Instrument :

BNA_G

ClientSampleId :

CL-02-061918-B

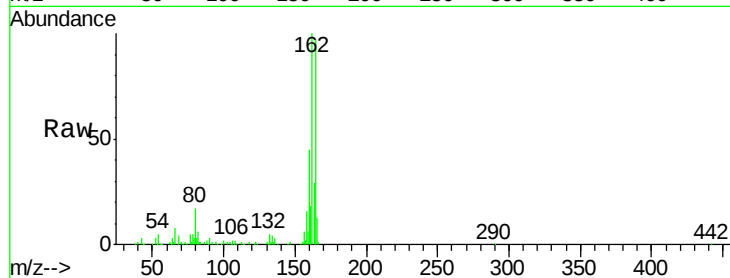
Tgt Ion:164 Resp: 135086

Ion Ratio Lower Upper

164 100

162 103.3 78.8 118.2

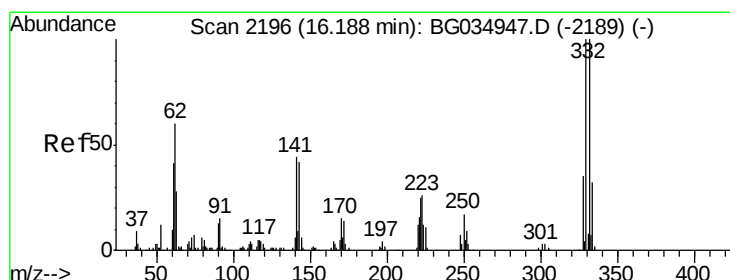
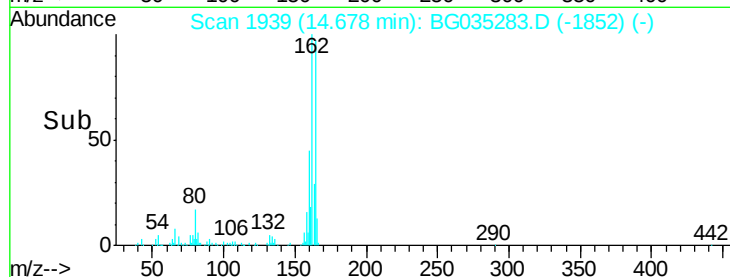
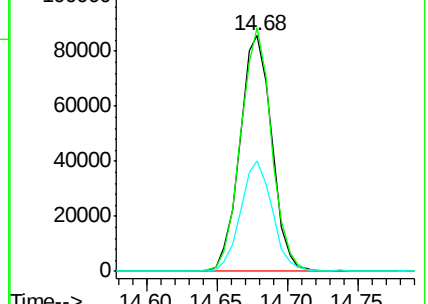
160 47.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 186.541 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035283.D

Acq: 21 Jun 2018 3:21

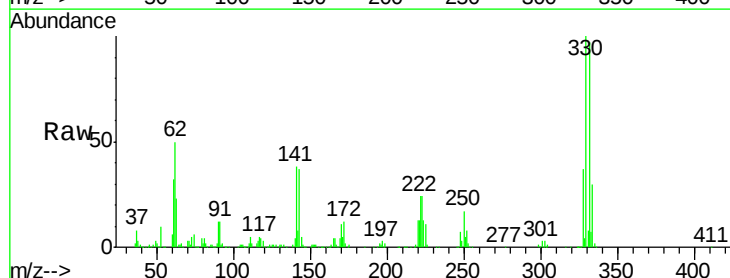
Tgt Ion:330 Resp: 322580

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

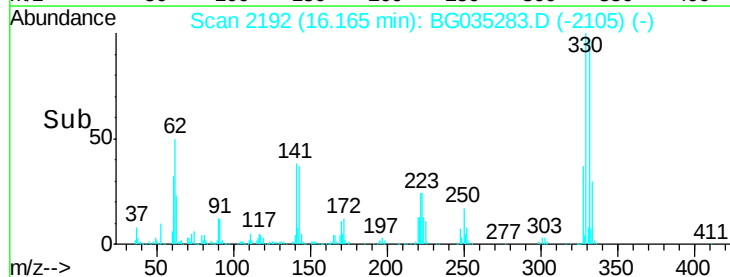
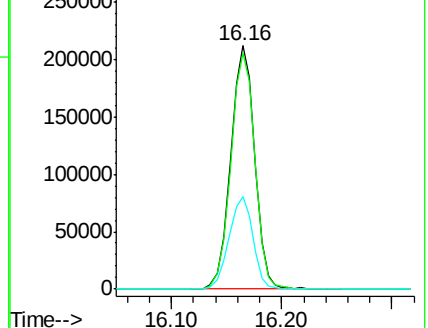
141 38.1 25.2 37.8#

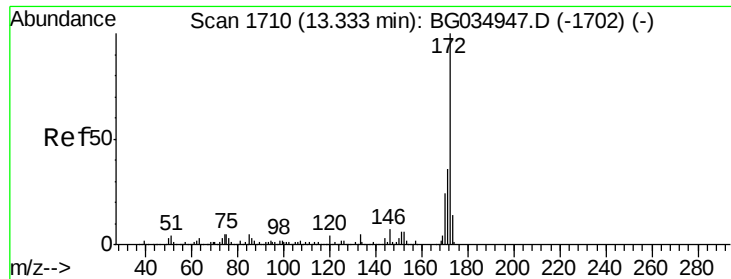


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

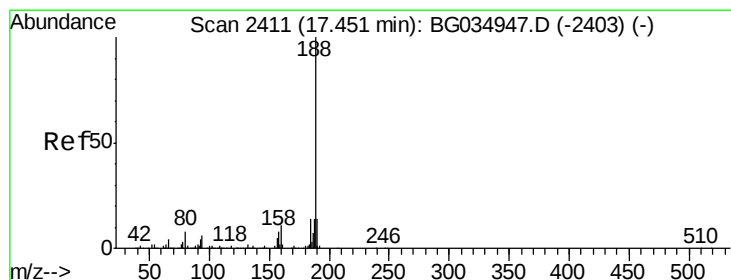
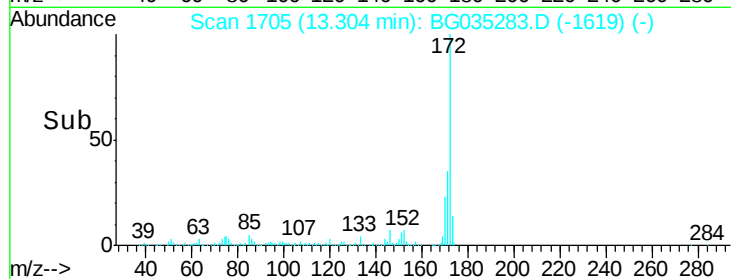
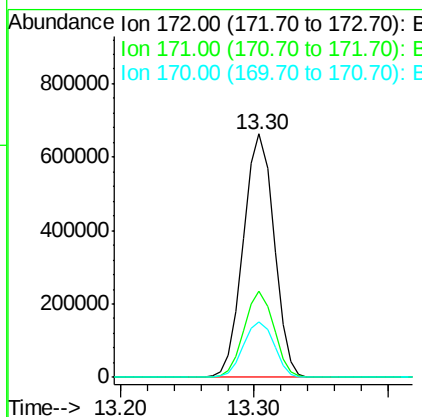
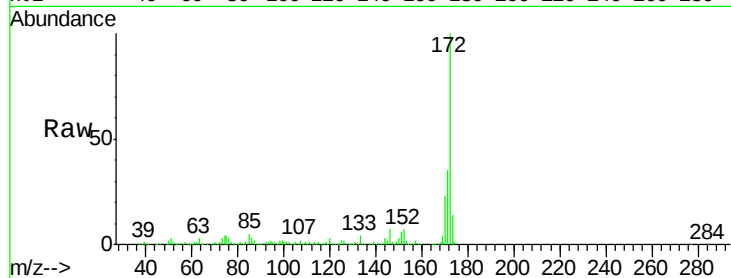




#44
 2-Fluorobiphenyl
 Concen: 101.571 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035283.D
 Acq: 21 Jun 2018 3:21

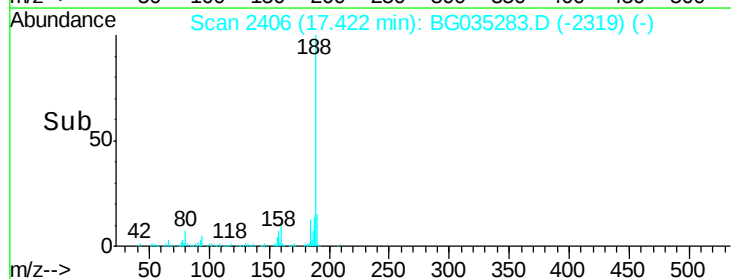
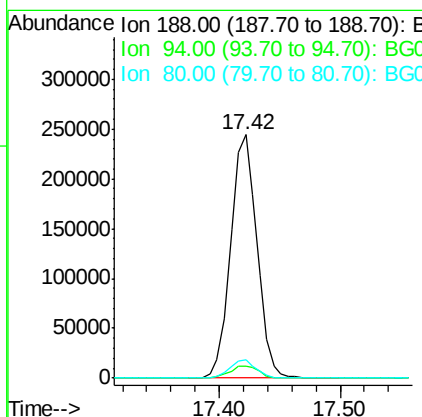
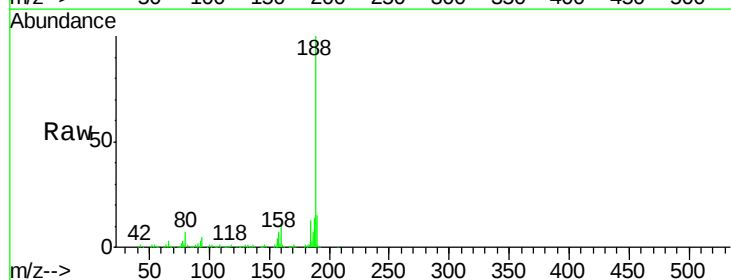
Instrument :
 BNA_G
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 CL-02-061918-B

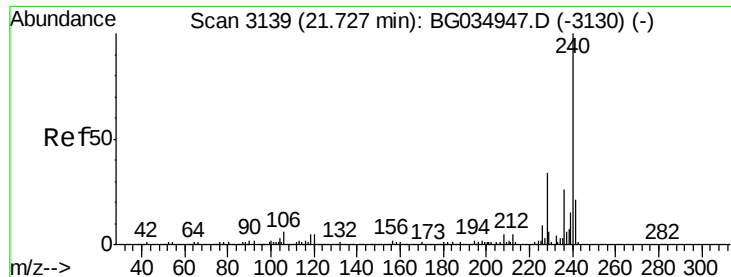
Tgt Ion:172 Resp: 1055449
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.0 45.0
 170 22.9 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035283.D
 Acq: 21 Jun 2018 3:21

Tgt Ion:188 Resp: 370777
 Ion Ratio Lower Upper
 188 100
 94 5.0 6.9 10.3#
 80 7.4 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035283.D

Acq: 21 Jun 2018 3:21

Instrument :

BNA_G

ClientSampleId :

CL-02-061918-B

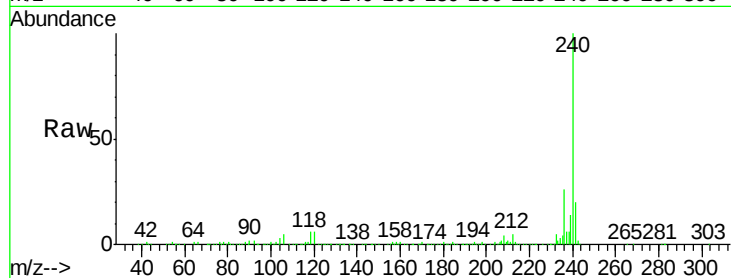
Tgt Ion:240 Resp: 414251

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

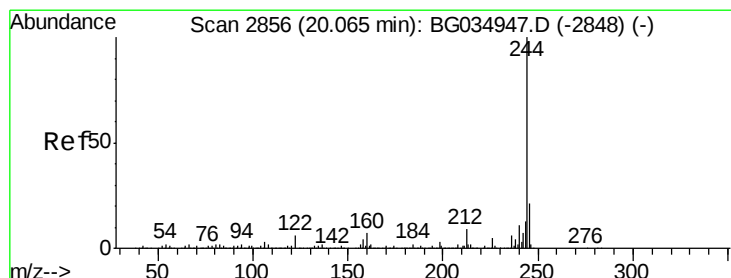
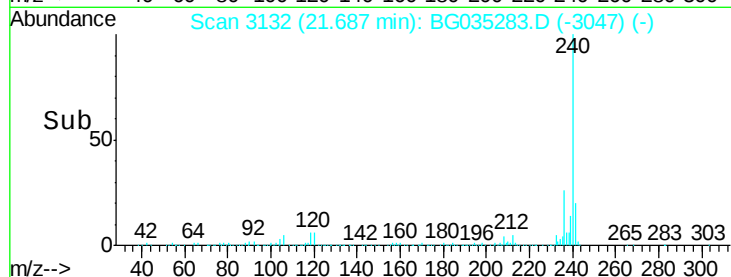
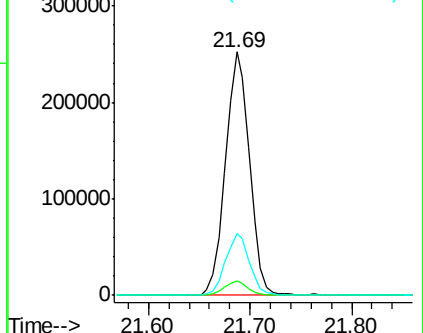
236 25.5 20.9 31.3



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: 98.262 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035283.D

Acq: 21 Jun 2018 3:21

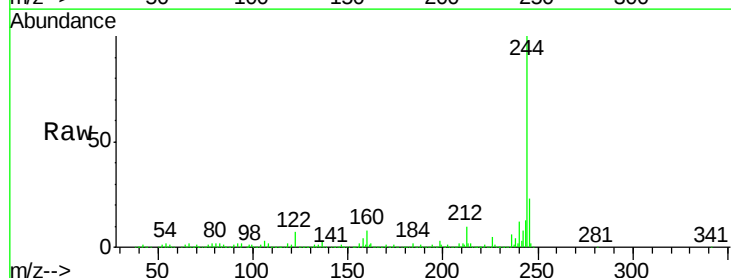
Tgt Ion:244 Resp: 1943261

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

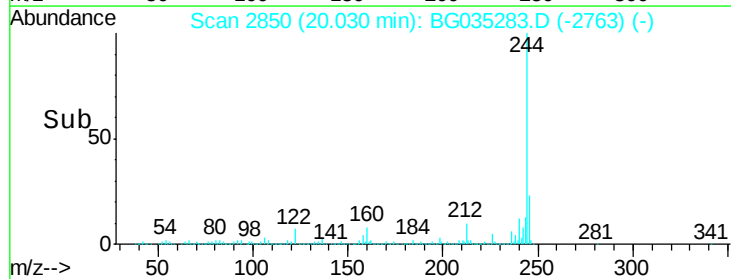
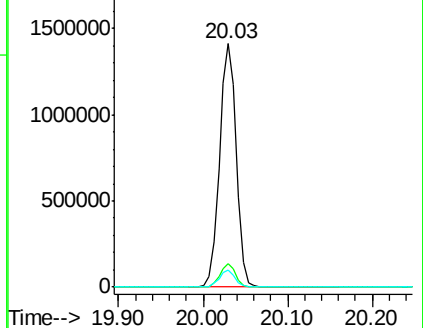
122 7.1 7.0 10.4

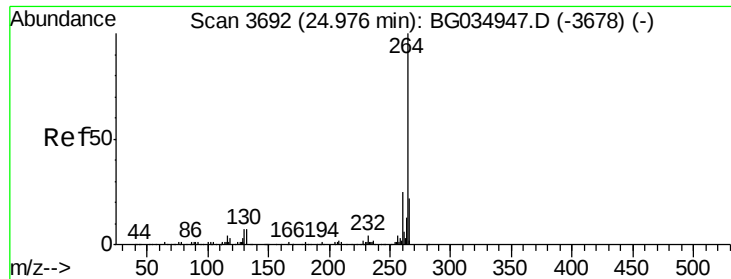


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

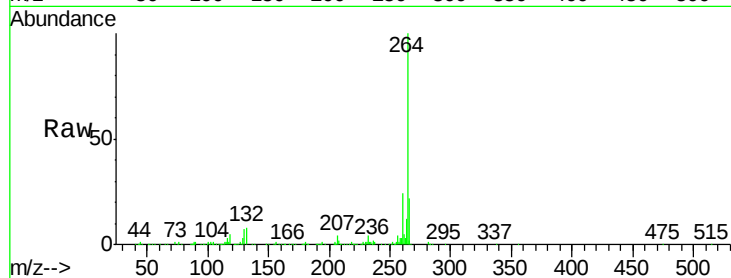




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.05 min
Lab File: BG035283.D
Acq: 21 Jun 2018 3:21

Instrument :
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CL-02-061918-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	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

