

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034127.D
 Acq On : 2 May 2018 22:03
 Operator : SJ/JU
 Sample : J2157-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-043018-D

Quant Time: May 03 05:22:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	76386	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	297143	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	229951	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	634544	20.00	ng	0.00
75) Chrysene-d12	21.76	240	715638	20.00	ng	-0.01
86) Perylene-d12	25.04	264	712707	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	640752	135.52	ng	0.00
7) Phenol-d6	7.22	99	832502	113.10	ng	0.00
23) Nitrobenzene-d5	9.24	82	766110	98.92	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	485784	152.56	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1497513	94.89	ng	-0.01
78) Terphenyl-d14	20.08	244	2929616	89.68	ng	-0.01

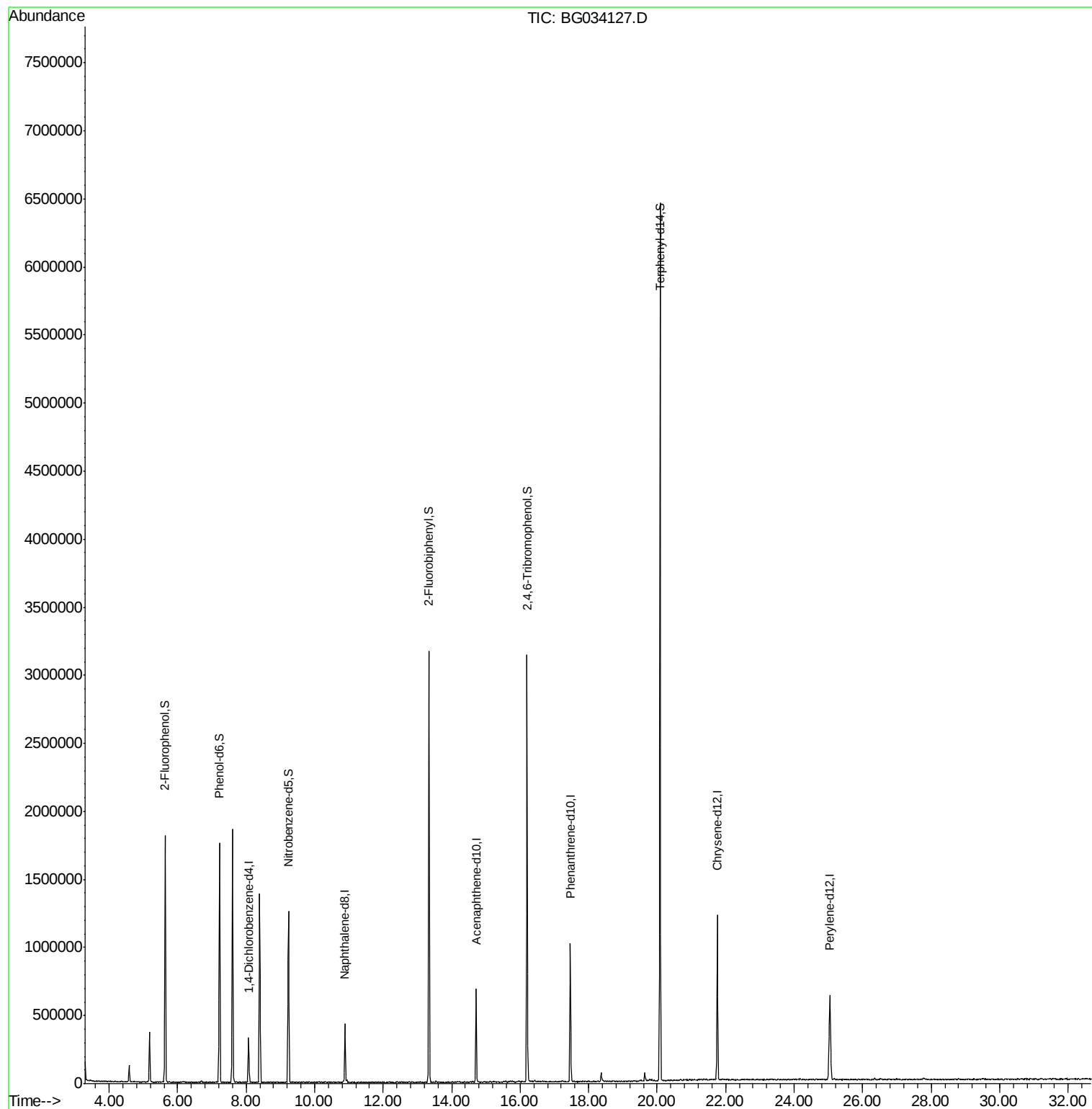
Target Compounds Qvalue

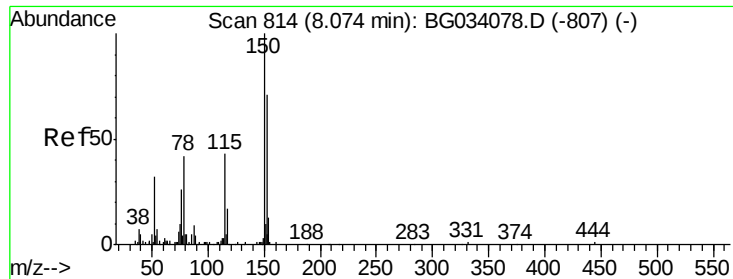
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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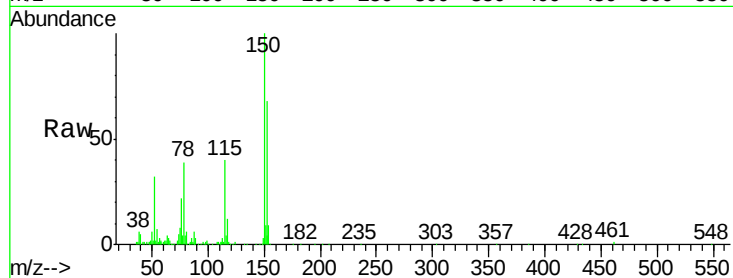


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034127.D
Acq: 2 May 2018 22:03

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	126.6	189.8
115	58.7	53.0	79.4

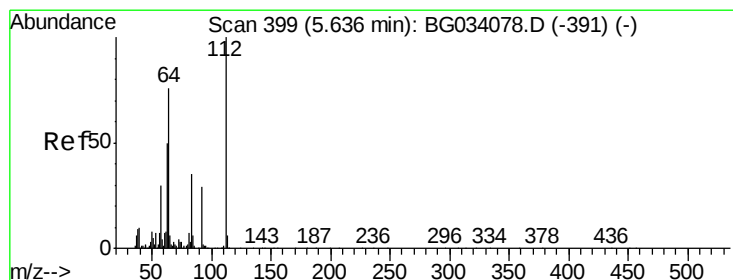
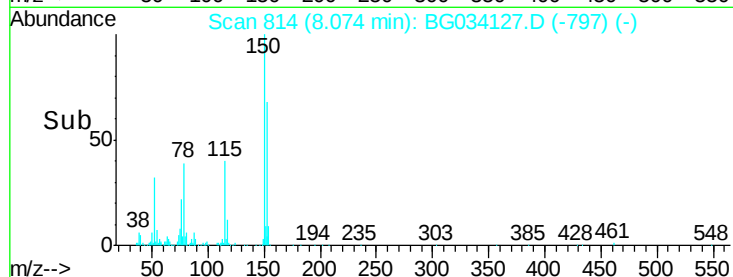
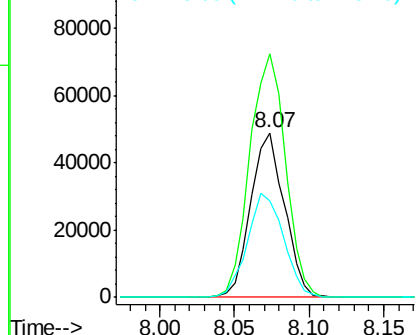


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

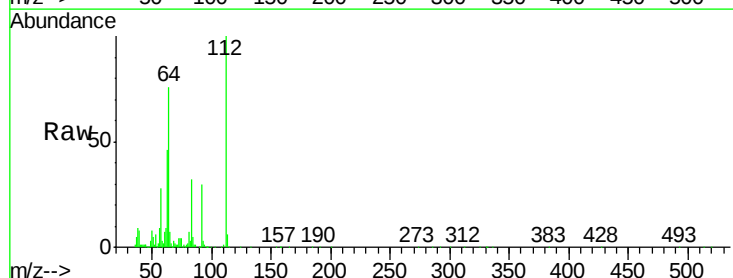
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 135.524 ng
RT: 5.64 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG034127.D
Acq: 2 May 2018 22:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.3	56.3	84.5
63	45.6	30.1	45.1

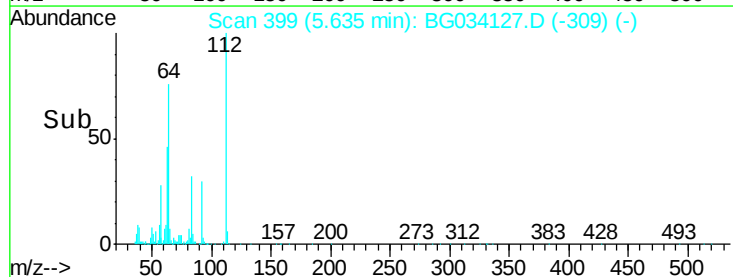
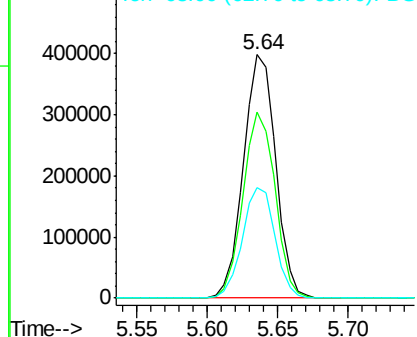


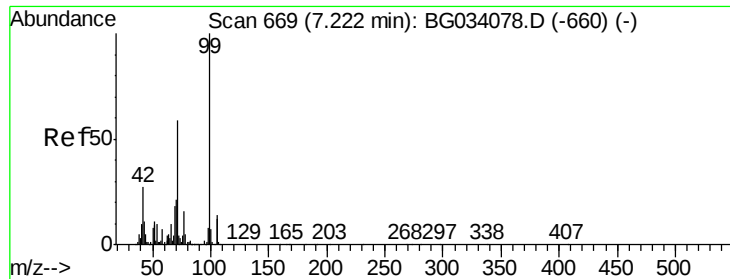
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.104 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034127.D

Acq: 2 May 2018 22:03

Instrument :

BNA_G

ClientSampleId :

CL-02-043018-D

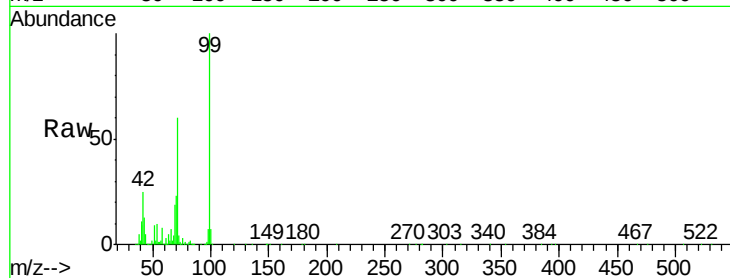
Tot Ion: 99 Resp: 832502

Ion Ratio Lower Upper

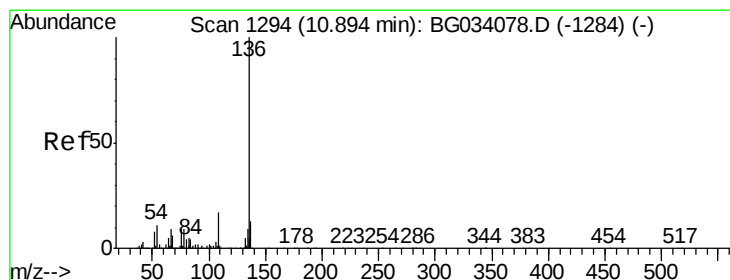
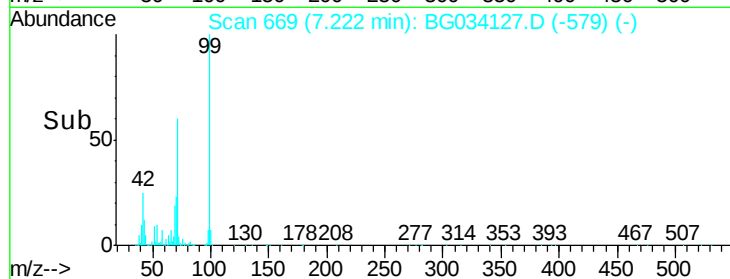
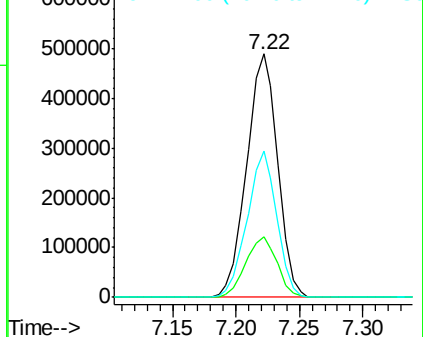
99 100

42 25.0 14.1 21.1#

71 60.1 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: 10.89 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034127.D

Acq: 2 May 2018 22:03

Tgt Ion: 136 Resp: 297143

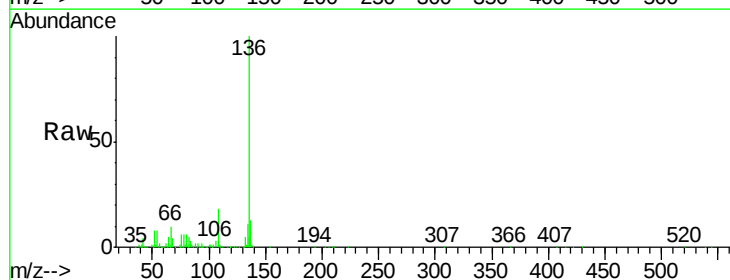
Ion Ratio Lower Upper

136 100

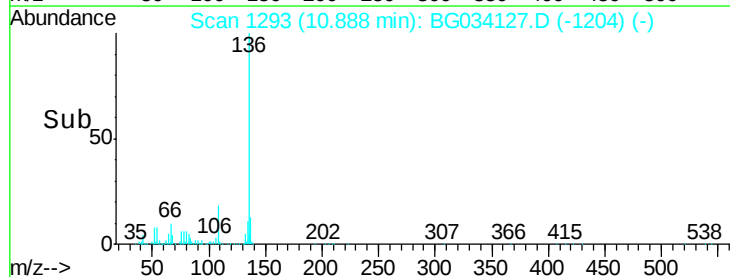
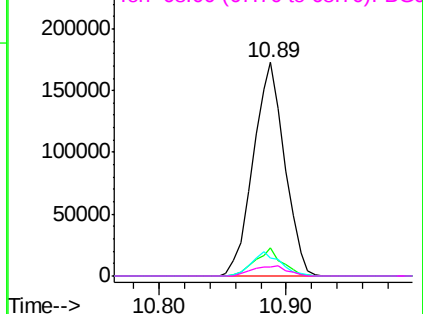
137 12.9 9.2 13.8

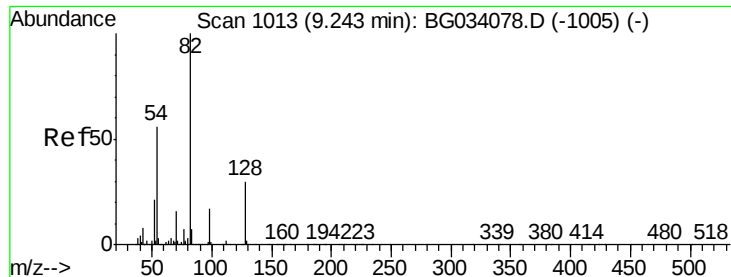
54 8.5 10.3 15.5#

68 4.1 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

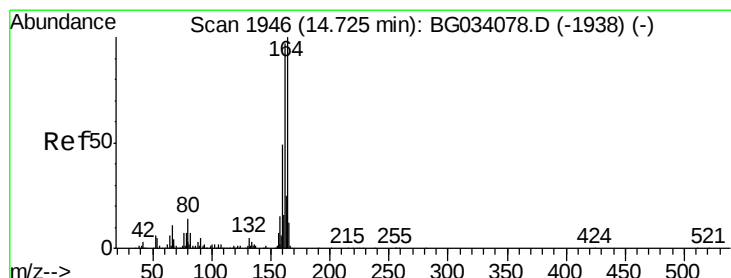
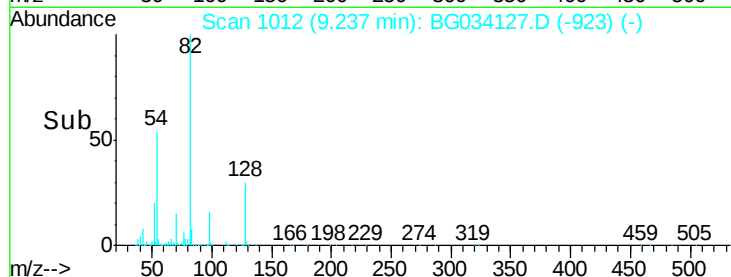
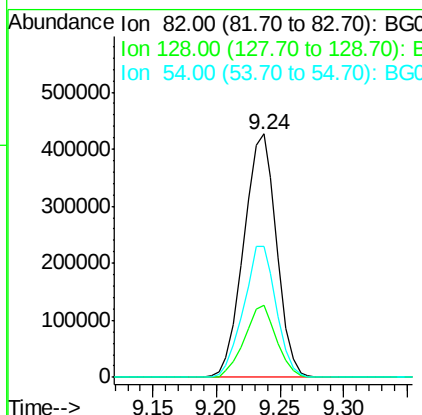
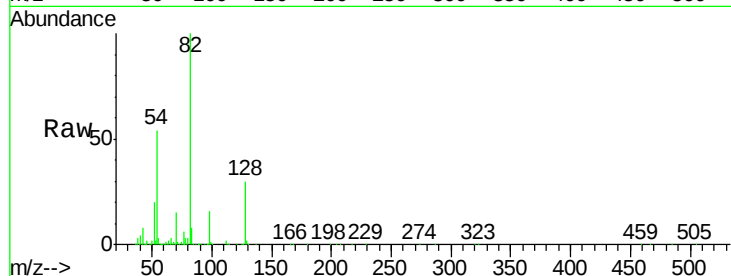




#23
 Nitrobenzene-d5
 Concen: 98.922 ng
 RT: 9.24 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG034127.D
 Acq: 2 May 2018 22:03

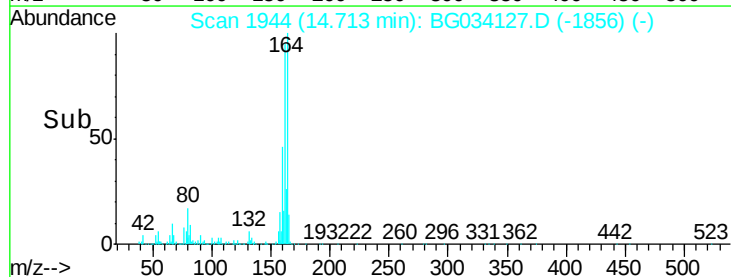
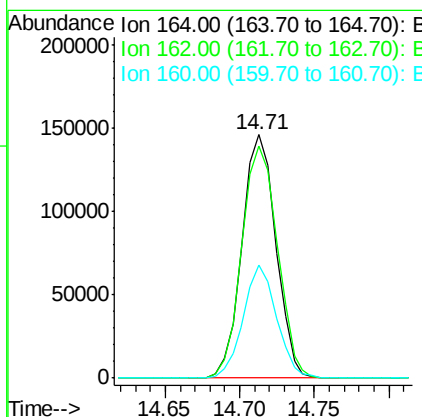
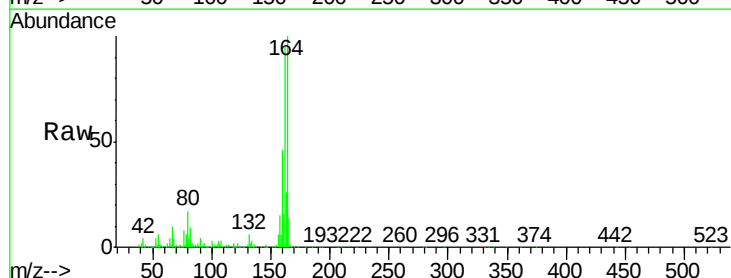
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-043018-D

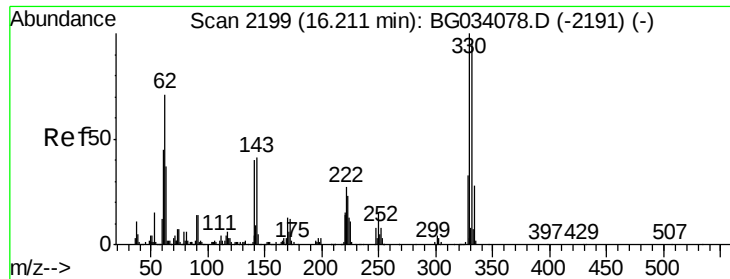
Tot Ion	82	Resp	766110
Ion Ratio	Lower	Upper	
82	100		
128	29.6	29.7	44.5#
54	53.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG034127.D
 Acq: 2 May 2018 22:03

Tgt Ion	164	Resp	229951
Ion Ratio	Lower	Upper	
164	100		
162	95.1	78.8	118.2
160	46.4	35.4	53.0

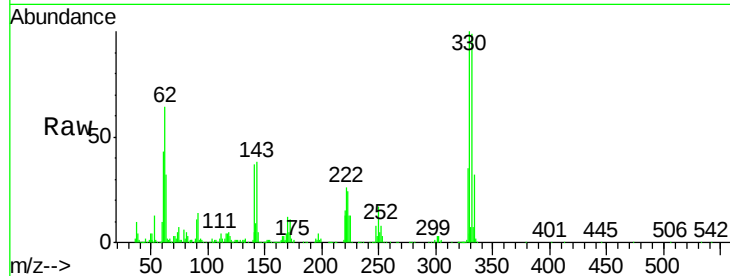




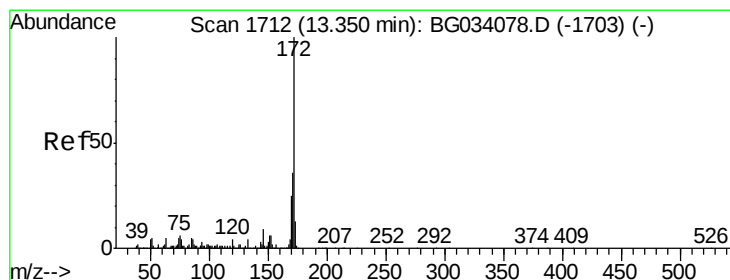
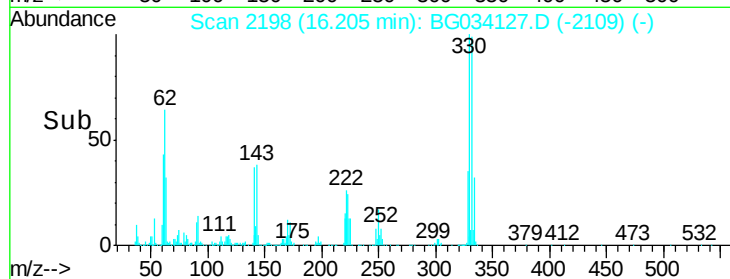
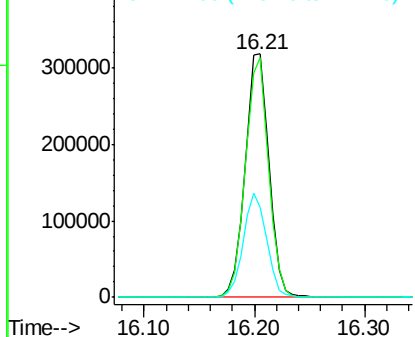
#41
2,4,6-Tribromophenol
Concen: 152.563 ng
RT: 16.21 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG034127.D
Acq: 2 May 2018 22:03

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-D

Tot Ion:330 Resp: 485784
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 41.8 25.2 37.8#

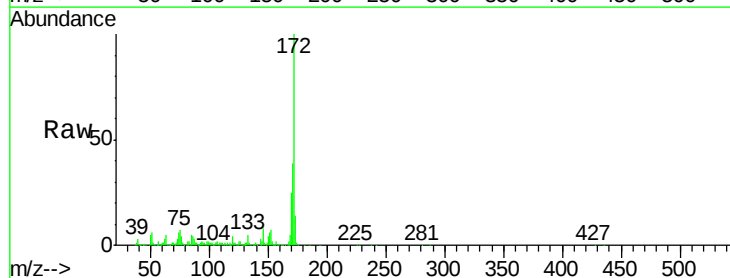


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

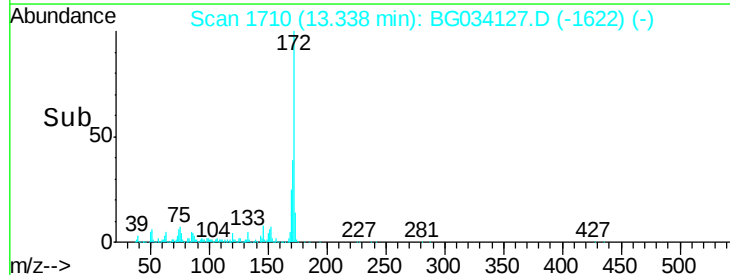
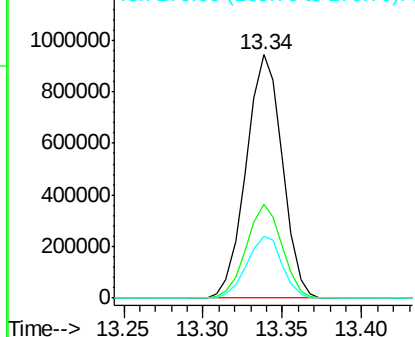


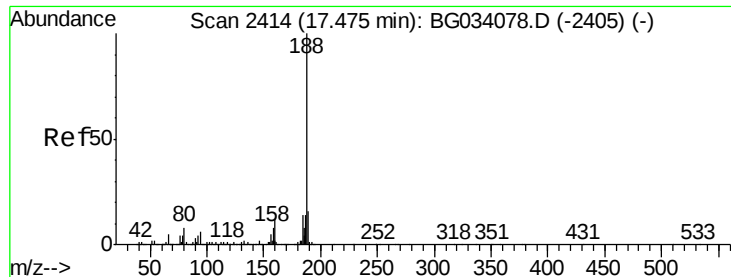
#44
2-Fluorobiphenyl
Concen: 94.895 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG034127.D
Acq: 2 May 2018 22:03

Tgt Ion:172 Resp: 1497513
Ion Ratio Lower Upper
172 100
171 38.8 30.0 45.0
170 25.3 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: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG034127.D

Acq: 2 May 2018 22:03

Instrument :

BNA_G

ClientSampleId :

CL-02-043018-D

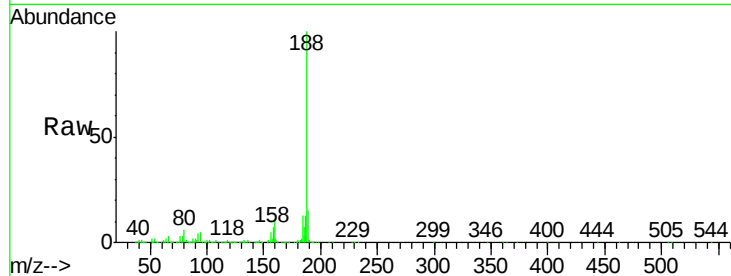
Tot Ion:188 Resp: 634544

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

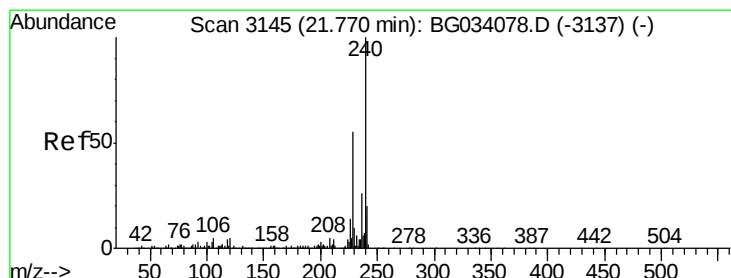
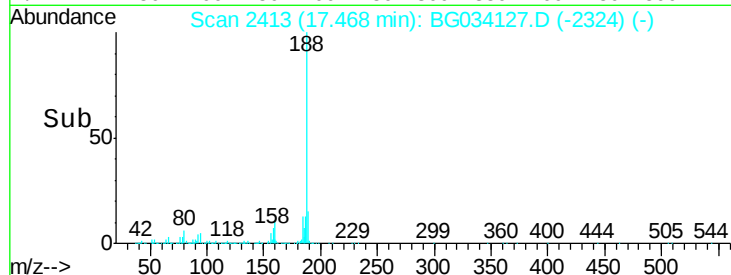
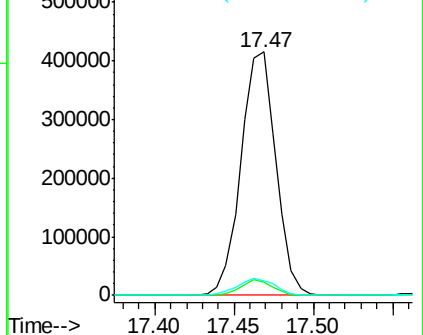
80 6.0 7.7 11.5#



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: 21.76 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG034127.D

Acq: 2 May 2018 22:03

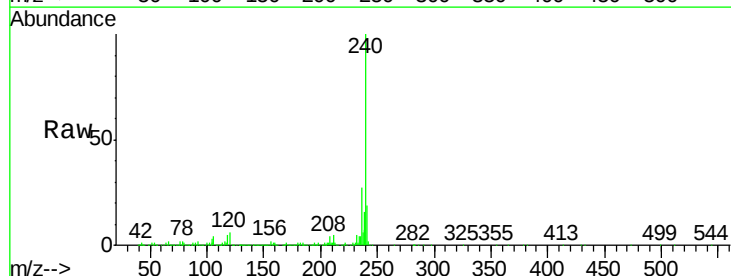
Tgt Ion:240 Resp: 715638

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

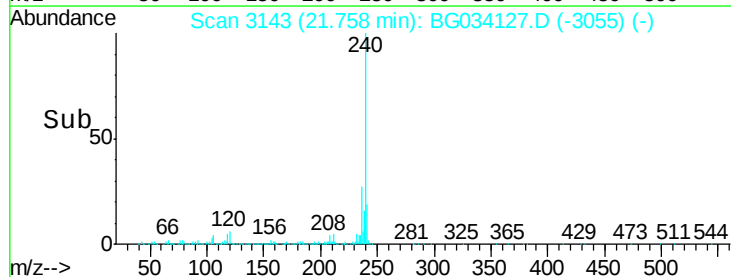
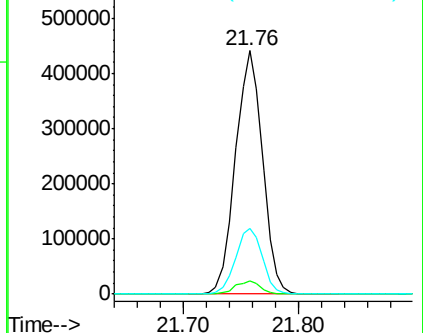
236 26.9 20.9 31.3

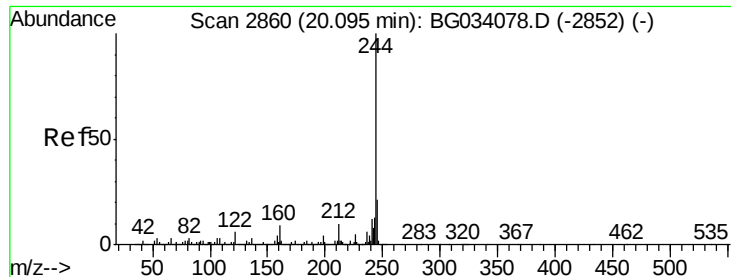


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.680 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG034127.D

Acq: 2 May 2018 22:03

Instrument :

BNA_G

ClientSampleId :

CL-02-043018-D

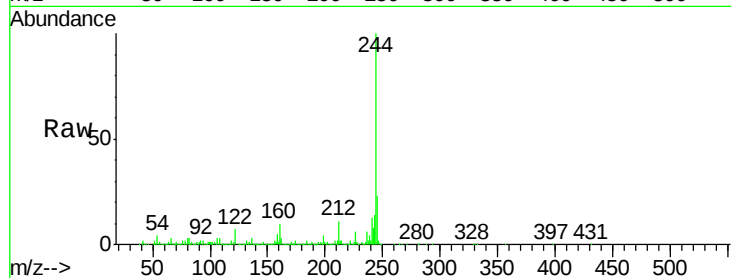
Tot Ion:244 Resp: 2929616

Ion Ratio Lower Upper

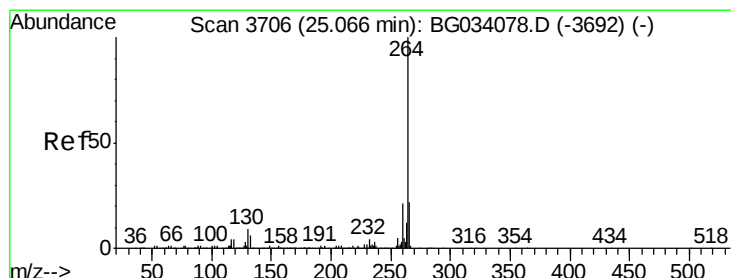
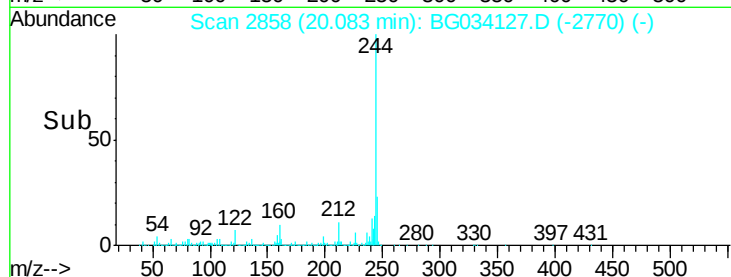
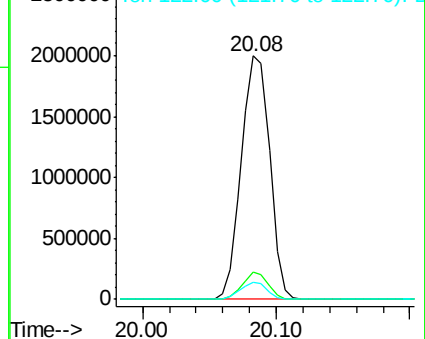
244 100

212 11.0 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: 25.04 min Scan# 3702

Delta R.T. -0.02 min

Lab File: BG034127.D

Acq: 2 May 2018 22:03

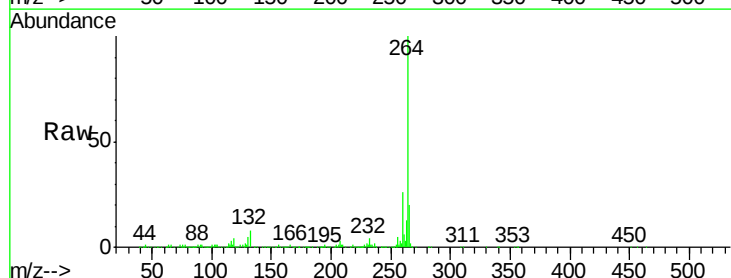
Tgt Ion:264 Resp: 712707

Ion Ratio Lower Upper

264 100

260 25.6 17.4 26.0

265 20.1 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

