

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
 Data File : BG032667.D
 Acq On : 13 Feb 2018 19:13
 Operator : SJ/JU
 Sample : J1397-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021218-A

Quant Time: Feb 14 03:26:23 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	33834	20.00	ng	0.00
21) Naphthalene-d8	11.55	136	138969	20.00	ng	0.00
38) Acenaphthene-d10	15.31	164	100824	20.00	ng	0.00
63) Phenanthrene-d10	18.04	188	269123	20.00	ng	0.00
75) Chrysene-d12	22.37	240	340042	20.00	ng	0.00
86) Perylene-d12	26.01	264	349236	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	246086	145.93	ng	0.00
7) Phenol-d6	7.79	99	272494	118.17	ng	0.00
23) Nitrobenzene-d5	9.87	82	215952	98.76	ng	0.00
41) 2,4,6-Tribromophenol	16.79	330	209619	135.02	ng	0.00
44) 2-Fluorobiphenyl	13.93	172	754050	93.53	ng	0.00
78) Terphenyl-d14	20.59	244	1510974	101.28	ng	0.00

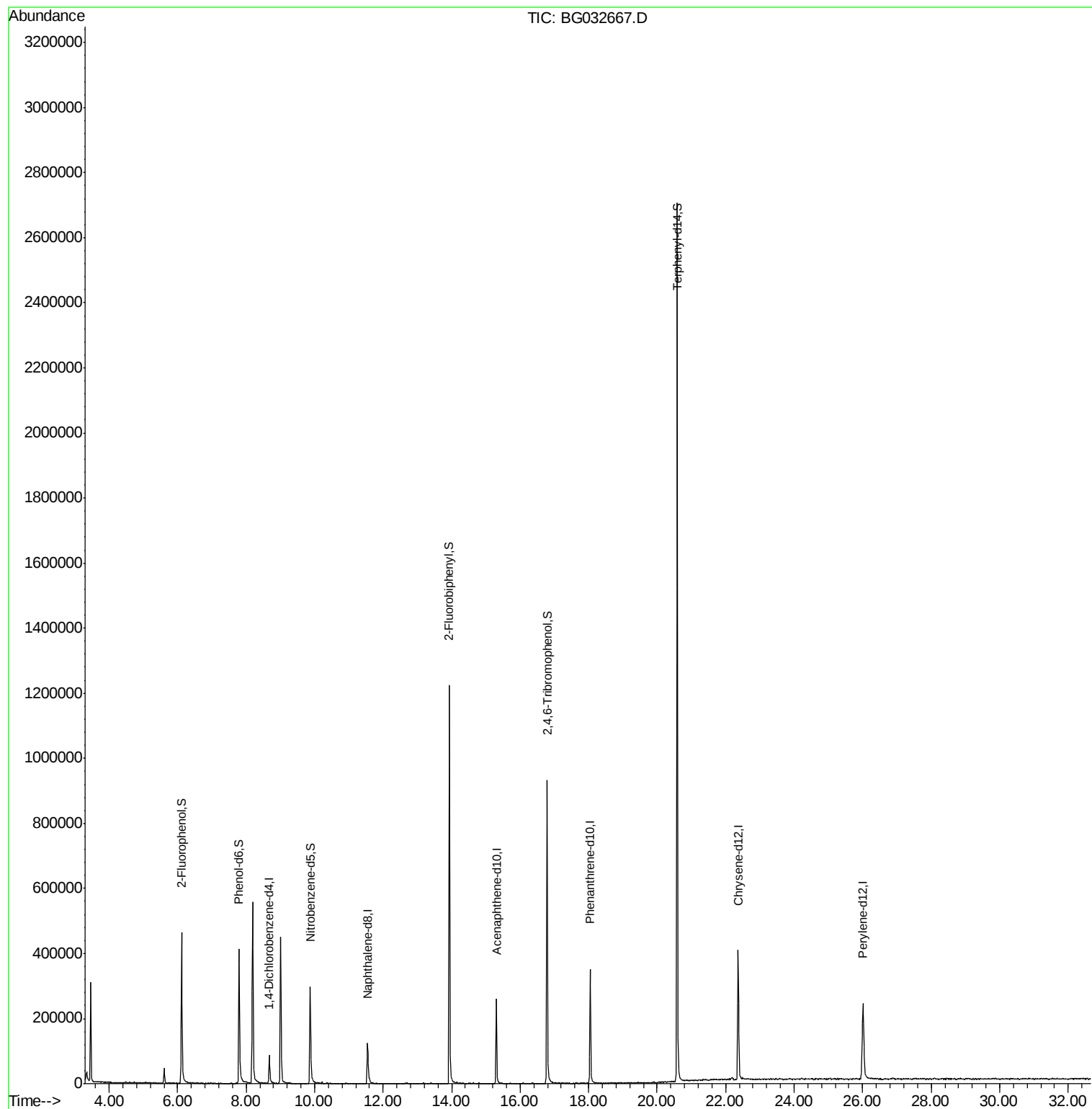
Target Compounds Qvalue

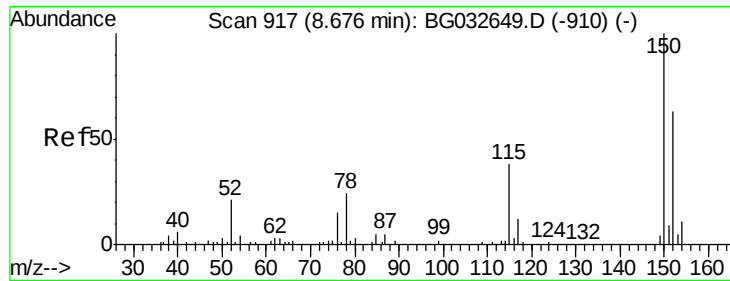
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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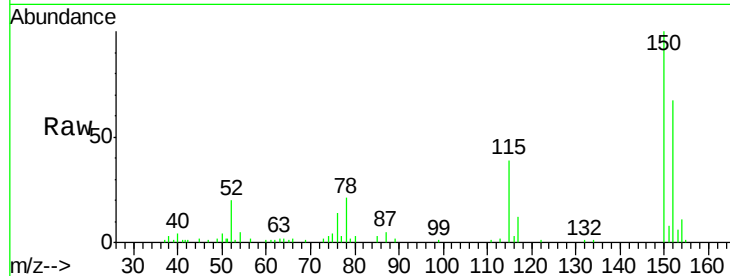


#1

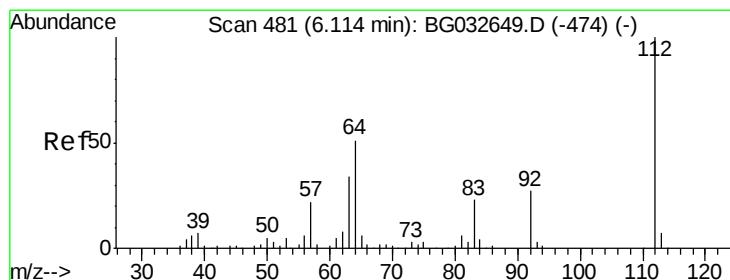
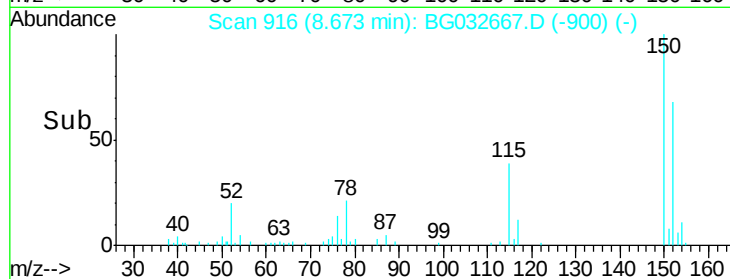
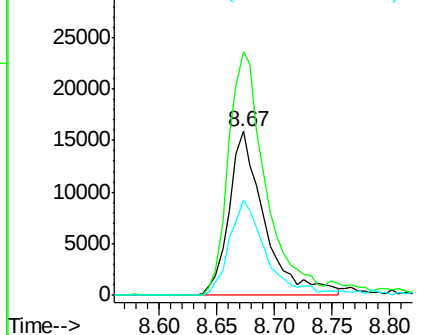
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG032667.D
Acq: 13 Feb 2018 19:13

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-A

Tot Ion:152 Resp: 33834
Ion Ratio Lower Upper
152 100
150 148.5 126.6 189.8
115 57.9 53.0 79.4



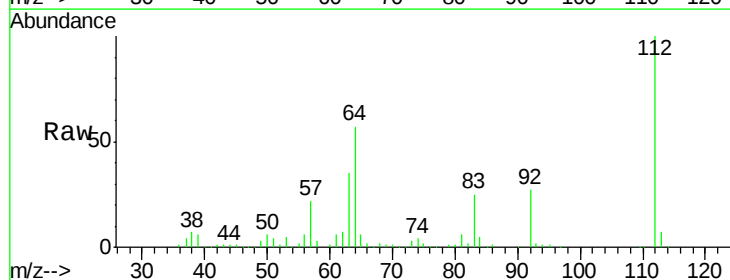
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



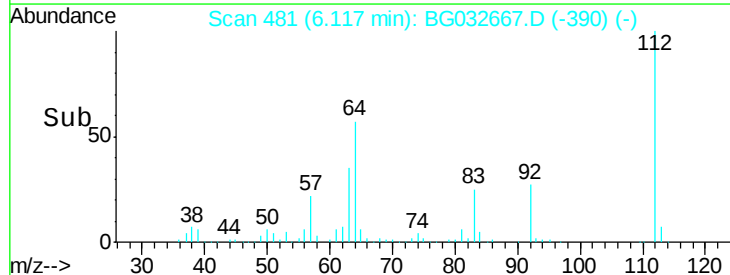
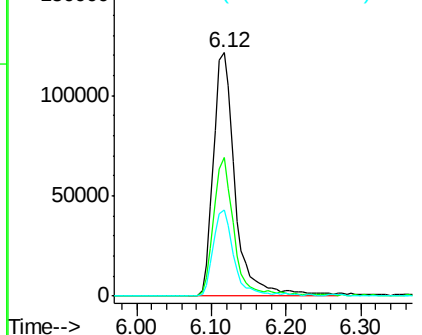
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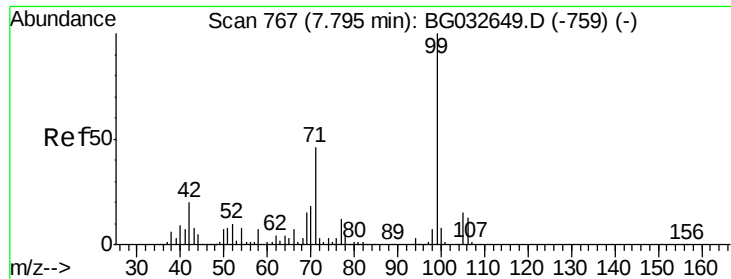
2-Fluorophenol
Concen: 145.929 ng
RT: 6.12 min Scan# 481
Delta R.T. 0.00 min
Lab File: BG032667.D
Acq: 13 Feb 2018 19:13

Tgt Ion:112 Resp: 246086
Ion Ratio Lower Upper
112 100
64 56.9 56.3 84.5
63 35.5 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: 118.173 ng

RT: 7.79 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG032667.D

Acq: 13 Feb 2018 19:13

Instrument :

BNA_G

ClientSampleId :

CL-01-021218-A

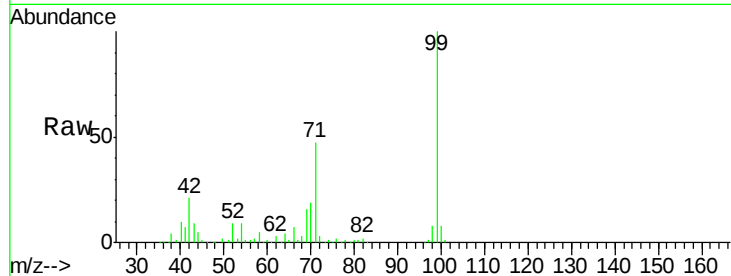
Tot Ion: 99 Resp: 272494

Ion Ratio Lower Upper

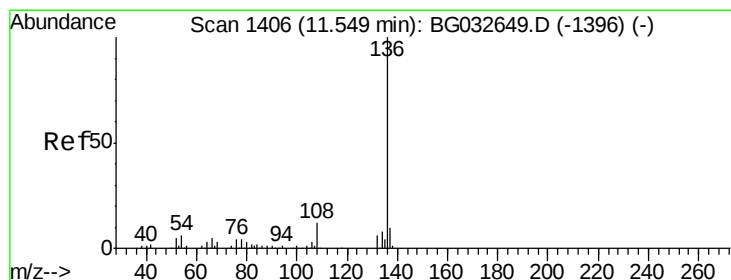
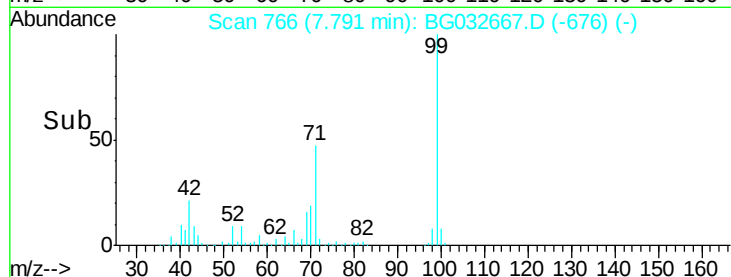
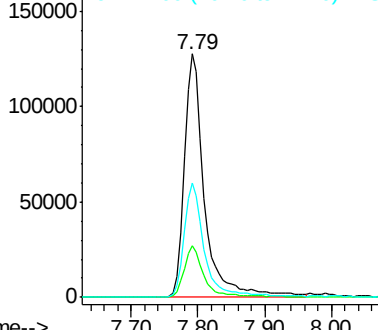
99 100

42 21.3 14.1 21.1#

71 46.8 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: 11.55 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BG032667.D

Acq: 13 Feb 2018 19:13

Tgt Ion: 136 Resp: 138969

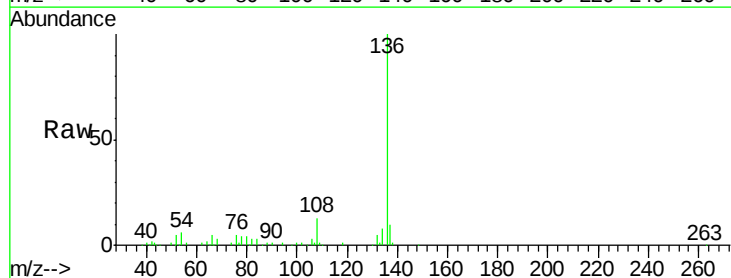
Ion Ratio Lower Upper

136 100

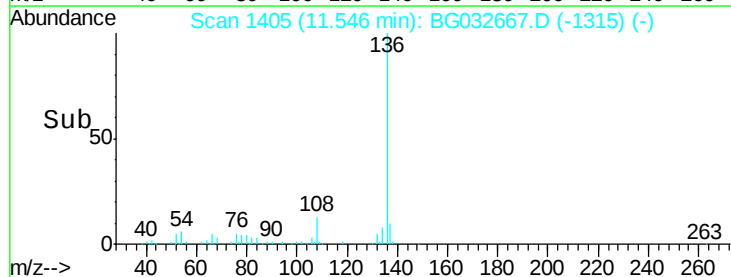
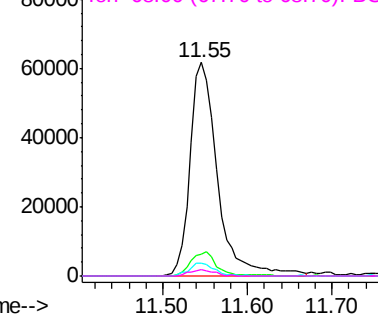
137 10.3 9.2 13.8

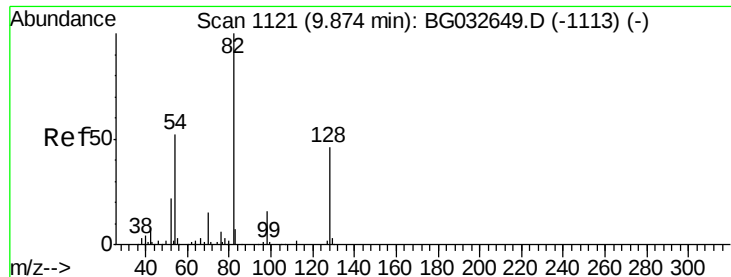
54 6.0 10.3 15.5#

68 2.9 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

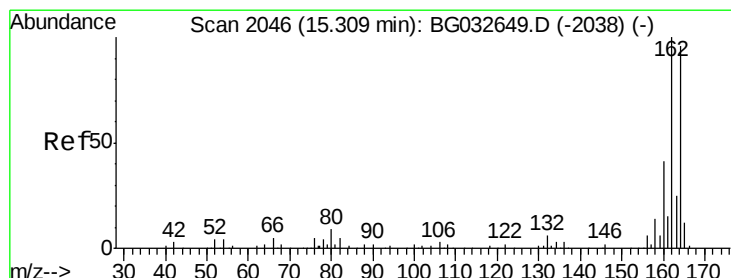
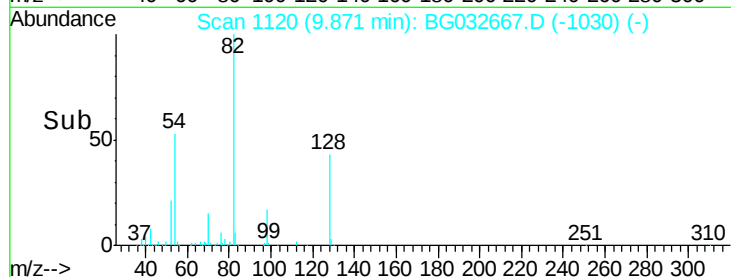
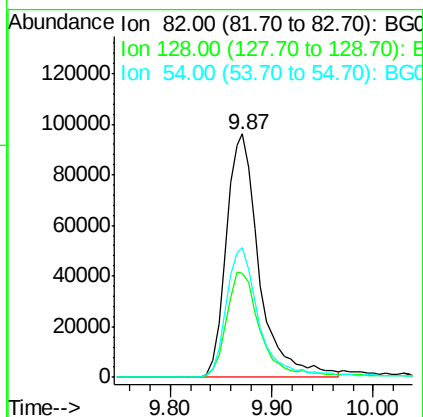
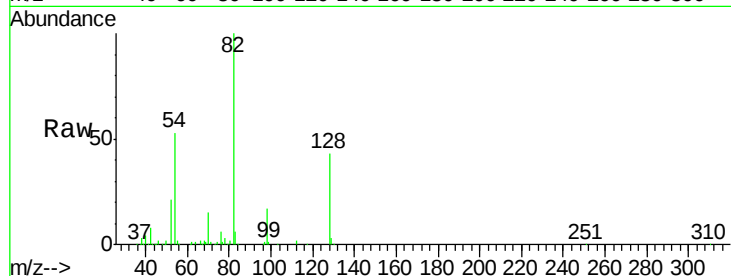




#23
Nitrobenzene-d5
Concen: 98.762 ng
RT: 9.87 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BG032667.D
Acq: 13 Feb 2018 19:13

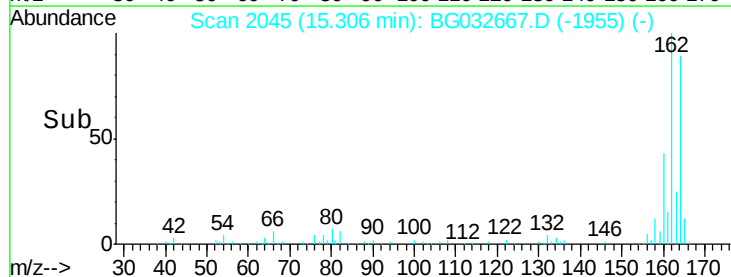
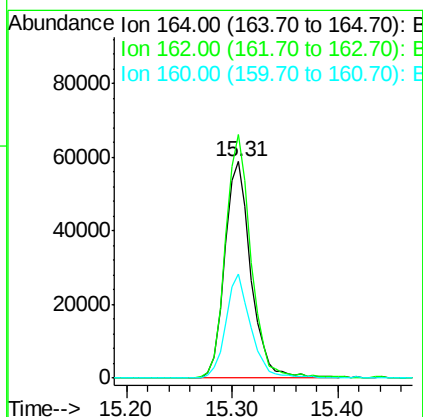
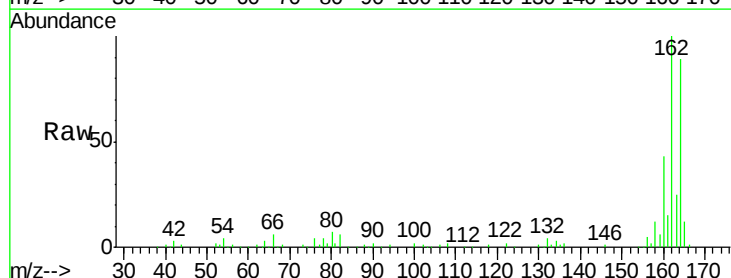
Instrument :
BNA_G
ClientSampleId :
CL-01-021218-A

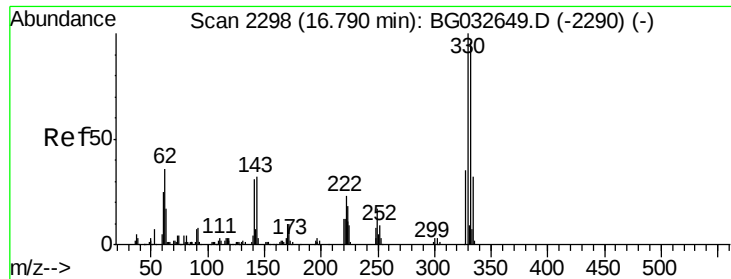
Tot Ion	82	Resp	215952
Ion Ratio	Lower	Upper	
82	100		
128	43.0	29.7	44.5
54	53.5	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.31 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BG032667.D
Acq: 13 Feb 2018 19:13

Tgt Ion	164	Resp	100824
Ion Ratio	Lower	Upper	
164	100		
162	112.5	78.8	118.2
160	47.9	35.4	53.0

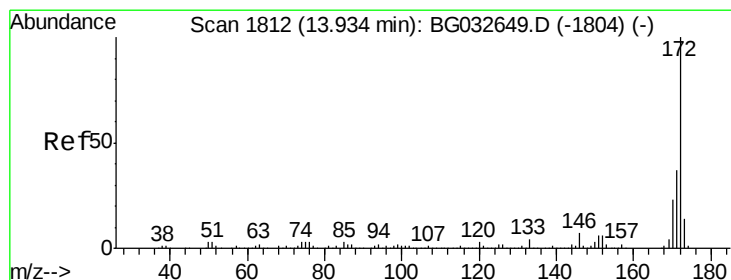
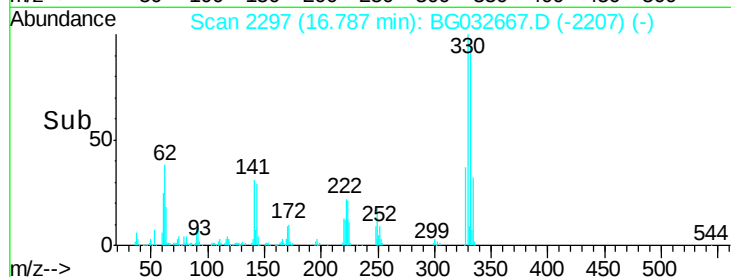
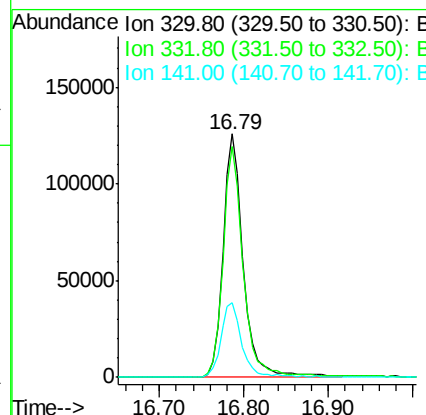
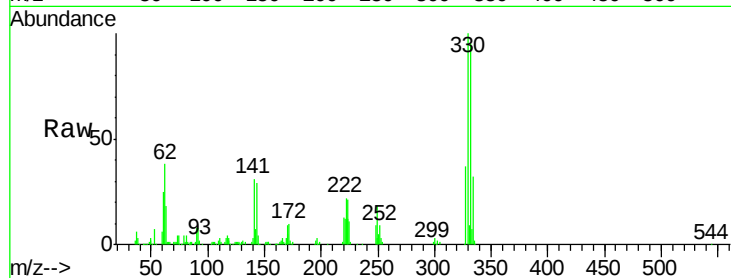




#41
2,4,6-Tribromophenol
Concen: 135.022 ng
RT: 16.79 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG032667.D
Acq: 13 Feb 2018 19:13

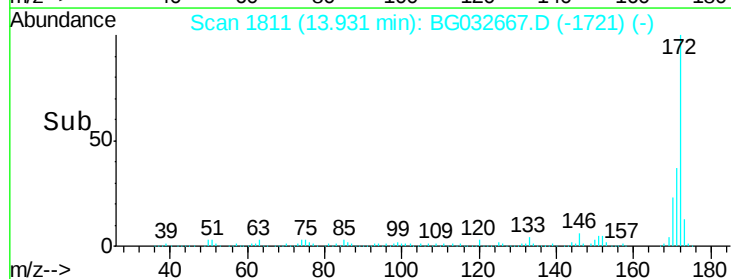
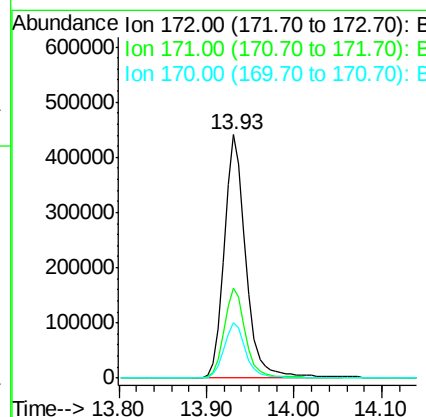
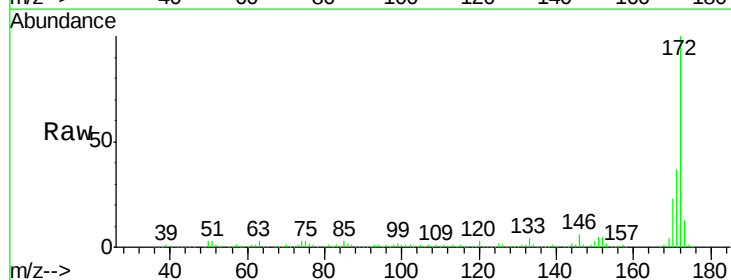
Instrument :
BNA_G
ClientSampleId :
CL-01-021218-A

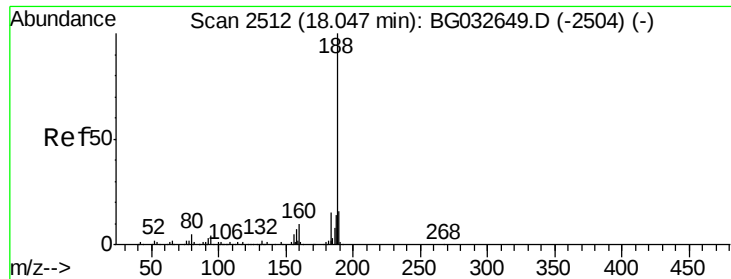
Tot Ion:330 Resp: 209619
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 31.8 25.2 37.8



#44
2-Fluorobiphenyl
Concen: 93.525 ng
RT: 13.93 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BG032667.D
Acq: 13 Feb 2018 19:13

Tgt Ion:172 Resp: 754050
Ion Ratio Lower Upper
172 100
171 37.1 30.0 45.0
170 22.8 19.5 29.3

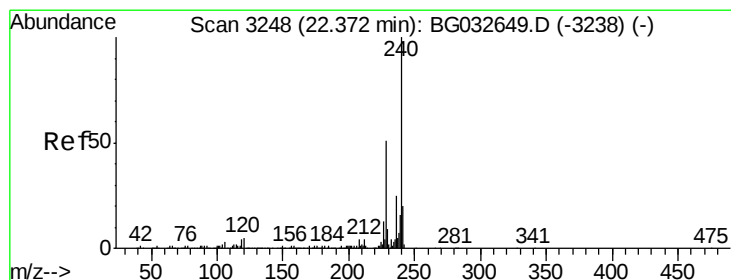
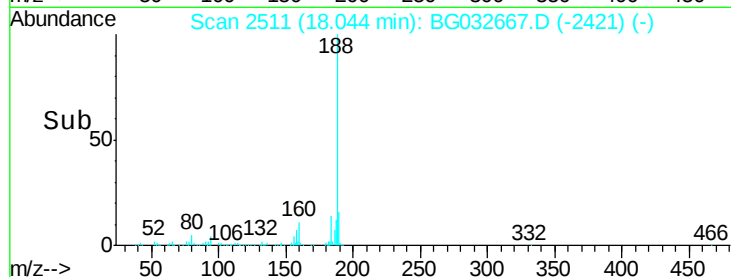
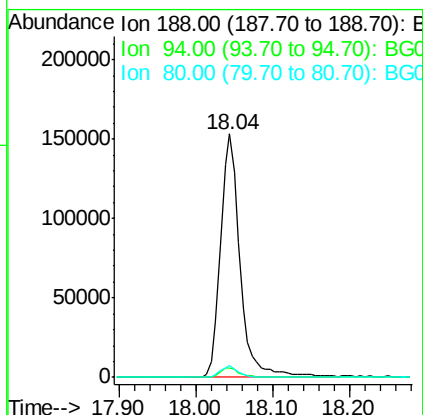
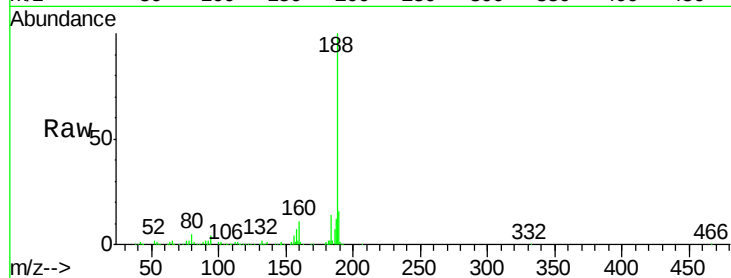




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.04 min Scan# 2511
Delta R.T. -0.00 min
Lab File: BG032667.D
Acq: 13 Feb 2018 19:13

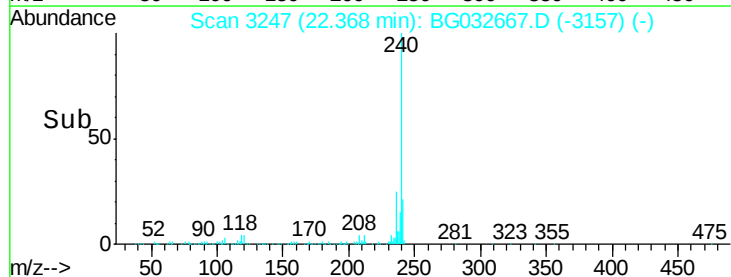
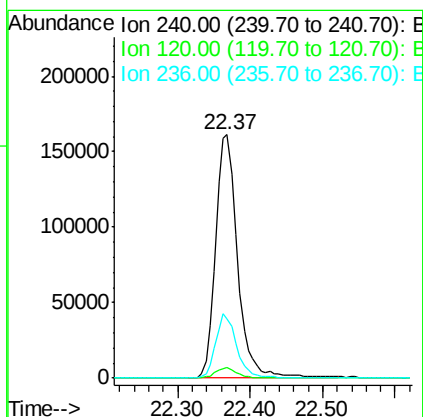
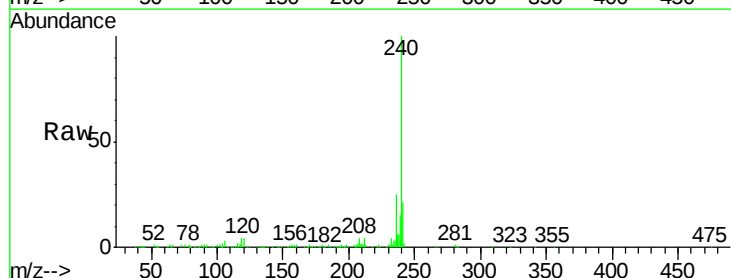
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ClientSampleId :
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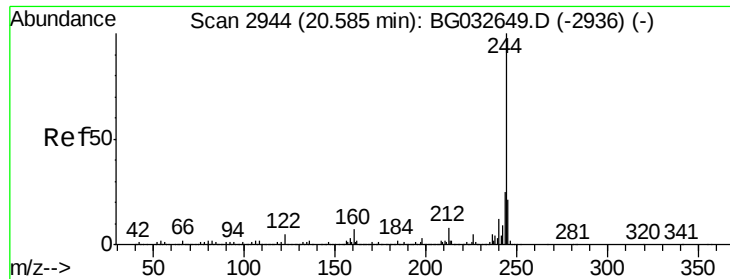
Tot Ion:188 Resp: 269123
Ion Ratio Lower Upper
188 100
94 3.8 6.9 10.3#
80 4.8 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.37 min Scan# 3247
Delta R.T. -0.00 min
Lab File: BG032667.D
Acq: 13 Feb 2018 19:13

Tgt Ion:240 Resp: 340042
Ion Ratio Lower Upper
240 100
120 4.2 6.8 10.2#
236 24.5 20.9 31.3





#78

Terphenyl-d14

Concen: 101.277 ng

RT: 20.59 min Scan# 2944

Delta R.T. 0.00 min

Lab File: BG032667.D

Acq: 13 Feb 2018 19:13

Instrument :

BNA_G

ClientSampleId :

CL-01-021218-A

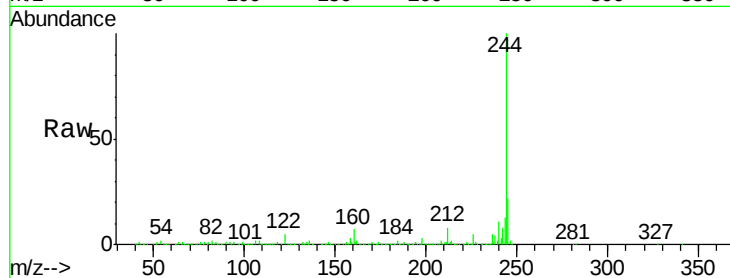
Tot Ion:244 Resp: 1510974

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

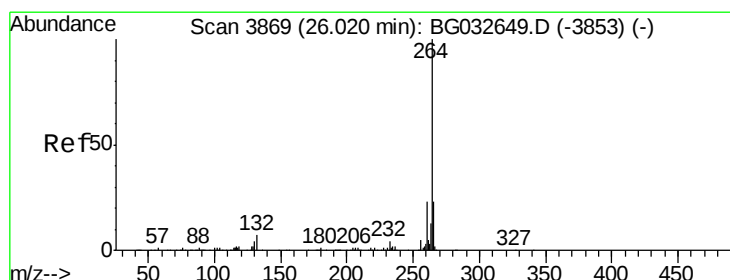
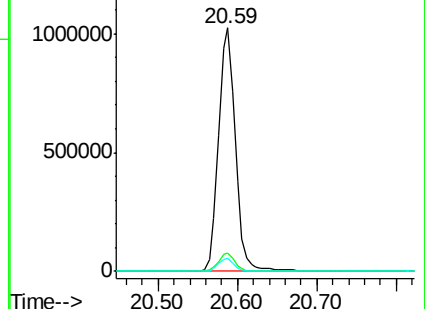
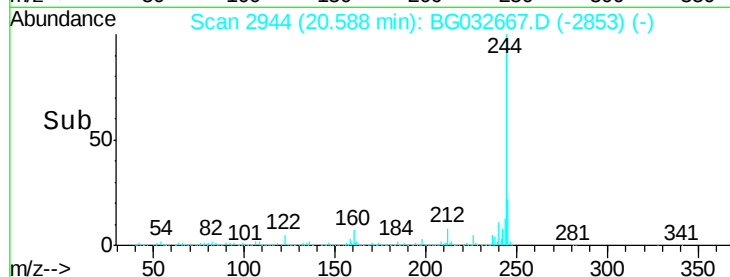
122 5.3 7.0 10.4#



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: 26.01 min Scan# 3867

Delta R.T. -0.01 min

Lab File: BG032667.D

Acq: 13 Feb 2018 19:13

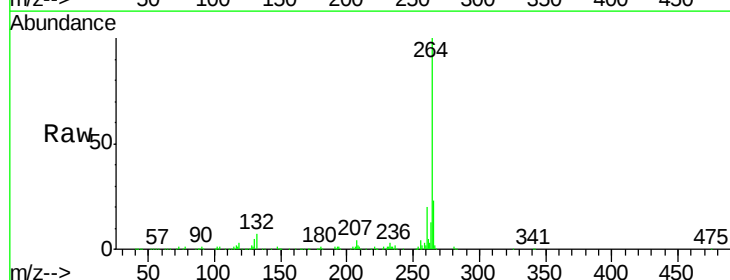
Tgt Ion:264 Resp: 349236

Ion Ratio Lower Upper

264 100

260 19.6 17.4 26.0

265 23.2 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

