

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032472.D
 Acq On : 31 Jan 2018 19:16
 Operator : SJ/JU
 Sample : J1015-23
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-013018-B

Quant Time: Feb 01 02:34:46 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

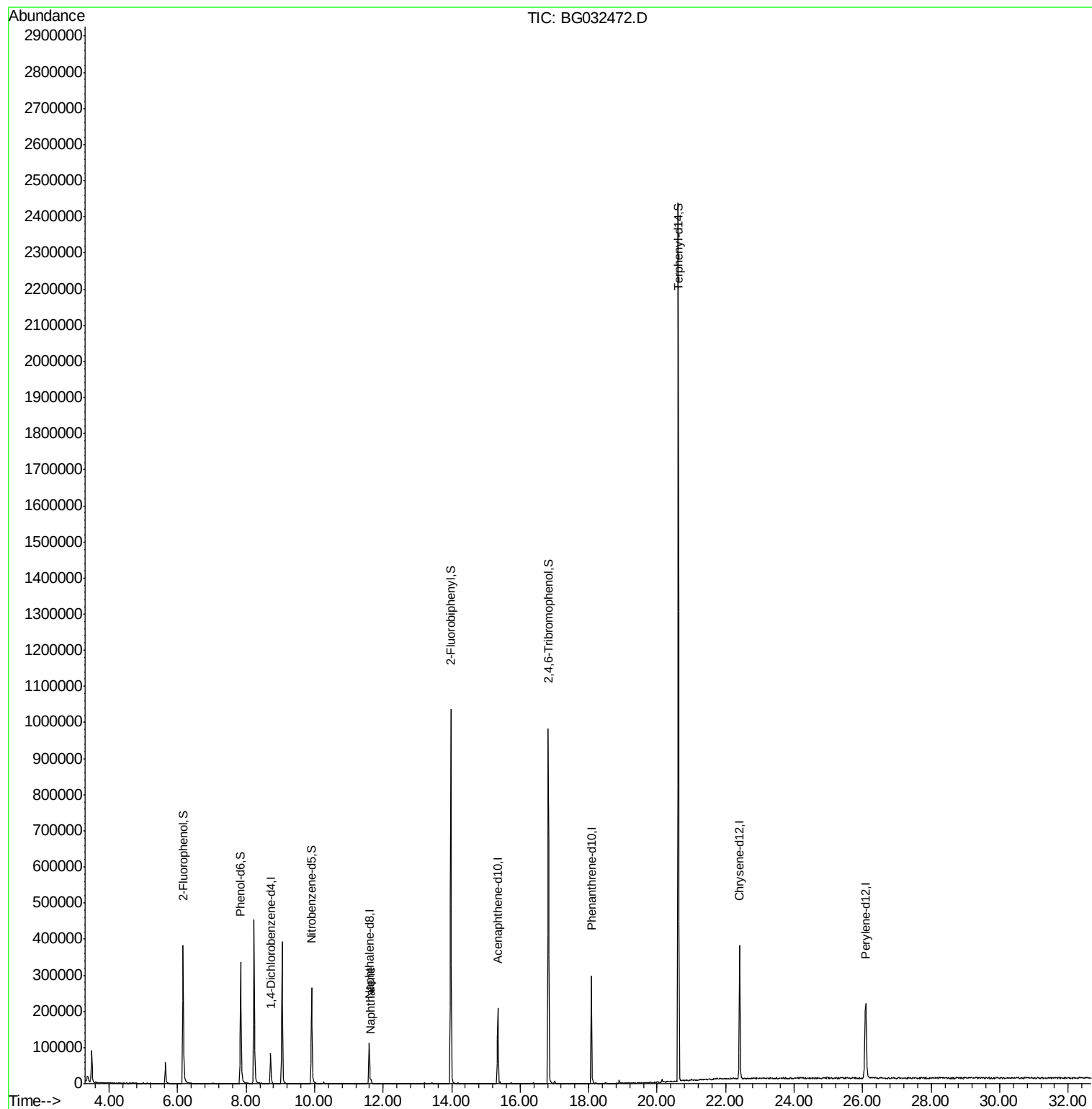
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	30222	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	115344	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	80577	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	213638	20.00	ng	0.00
75) Chrysene-d12	22.41	240	280311	20.00	ng	0.00
86) Perylene-d12	26.09	264	305742	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	210262	139.74	ng	0.00
7) Phenol-d6	7.84	99	227074	113.09	ng	0.00
23) Nitrobenzene-d5	9.91	82	173130	93.75	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	240248	156.64	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	630616	93.02	ng	-0.01
78) Terphenyl-d14	20.62	244	1304108	99.66	ng	0.00
Target Compounds						
31) Naphthalene	11.65	128	13690	2.430	ng	Qvalue 99

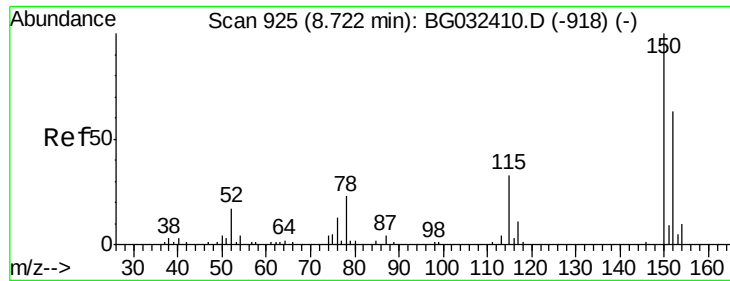
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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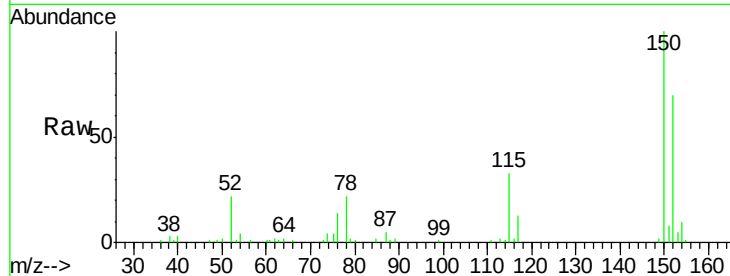


#1

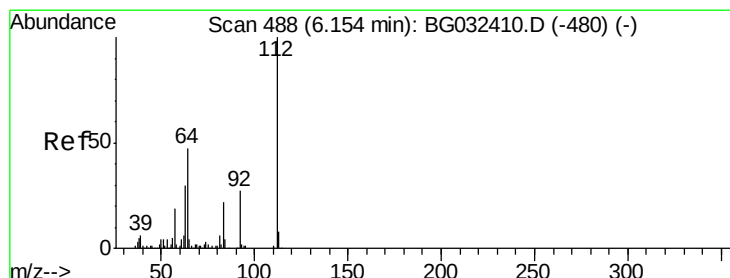
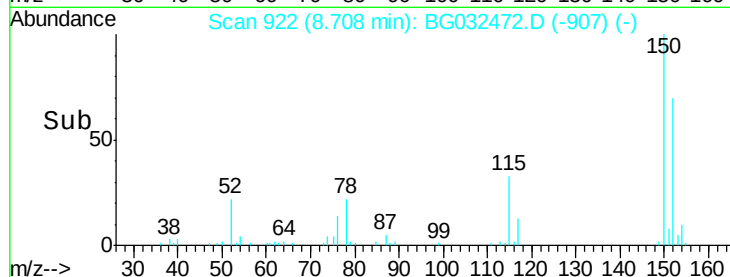
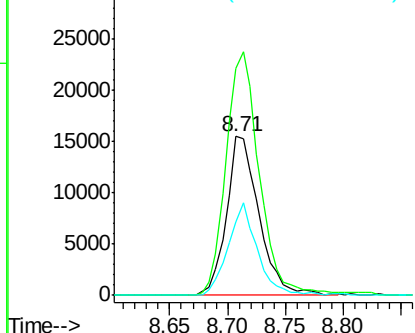
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG032472.D
Acq: 31 Jan 2018 19:16

Instrument :
BNA_G
ClientSampleId :
CL-02-013018-B

Tot Ion:152 Resp: 30222
Ion Ratio Lower Upper
152 100
150 143.3 126.6 189.8
115 46.6 53.0 79.4#



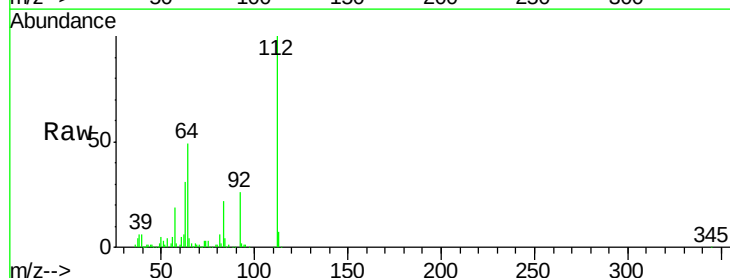
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



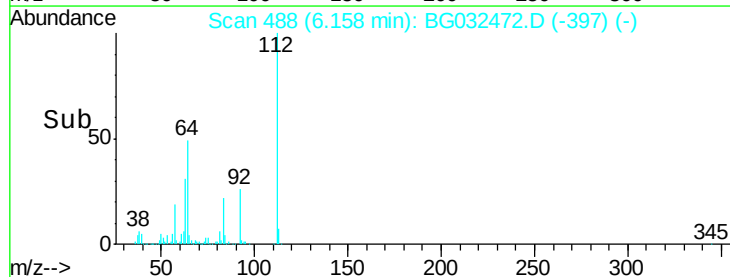
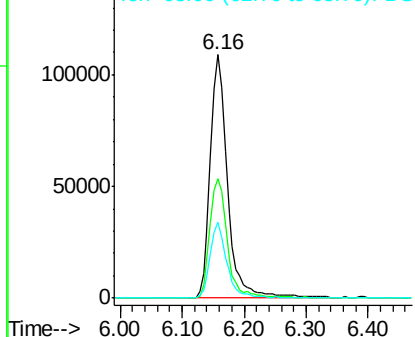
#5

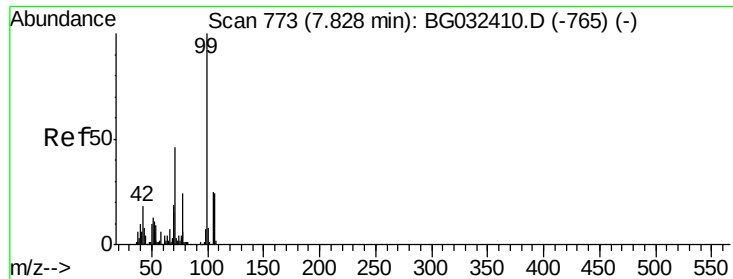
2-Fluorophenol
Concen: 139.740 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032472.D
Acq: 31 Jan 2018 19:16

Tgt Ion:112 Resp: 210262
Ion Ratio Lower Upper
112 100
64 49.3 56.3 84.5#
63 31.2 30.1 45.1



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





#7

Phenol-d6

Concen: 113.093 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032472.D

Acq: 31 Jan 2018 19:16

Instrument :

BNA_G

ClientSampleId :

CL-02-013018-B

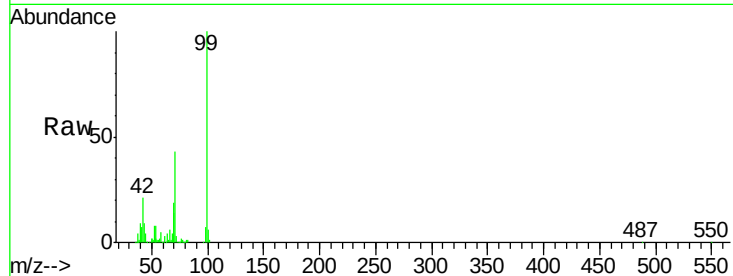
Tot Ion: 99 Resp: 227074

Ion Ratio Lower Upper

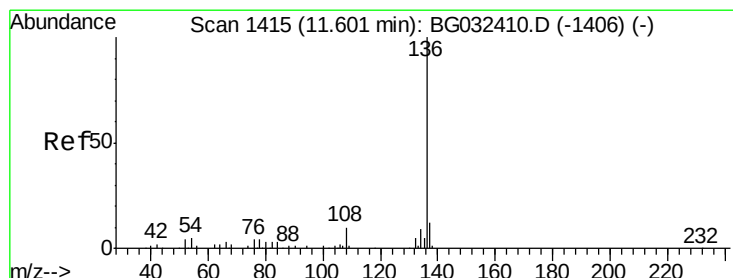
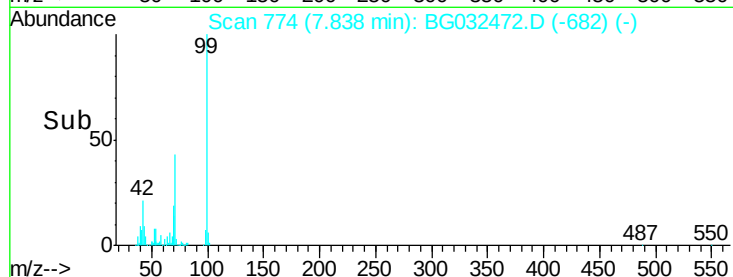
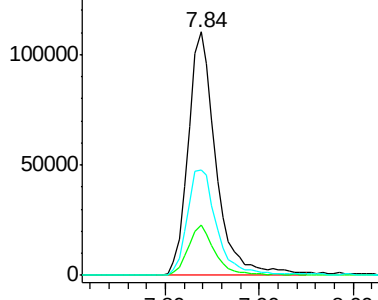
99 100

42 20.6 14.1 21.1

71 43.3 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: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032472.D

Acq: 31 Jan 2018 19:16

Tgt Ion: 136 Resp: 115344

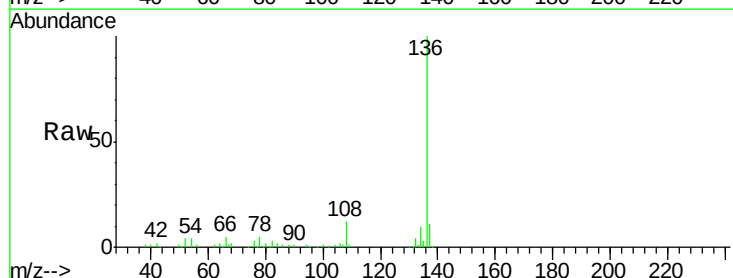
Ion Ratio Lower Upper

136 100

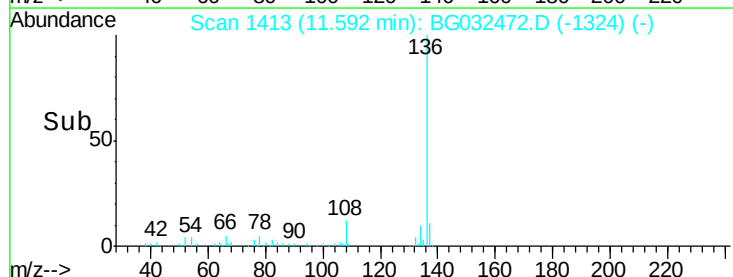
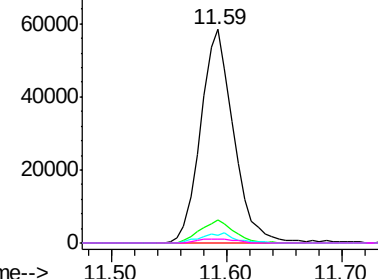
137 10.7 9.2 13.8

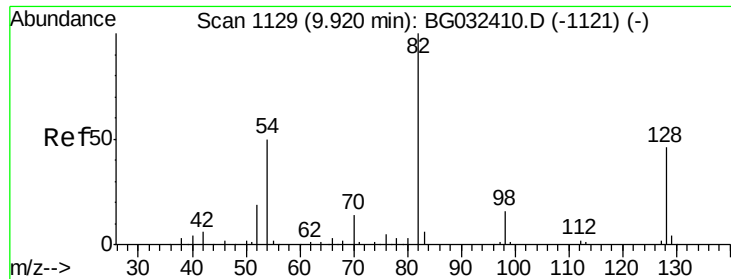
54 3.9 10.3 15.5#

68 1.5 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

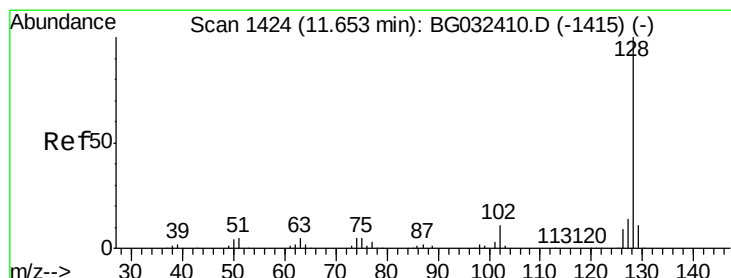
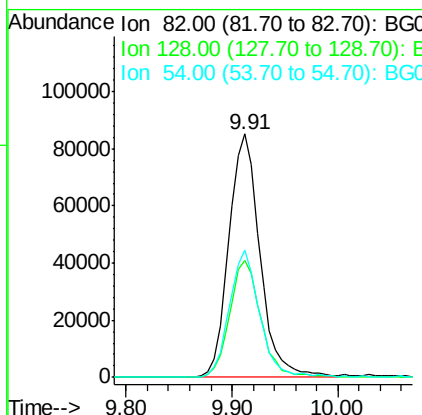
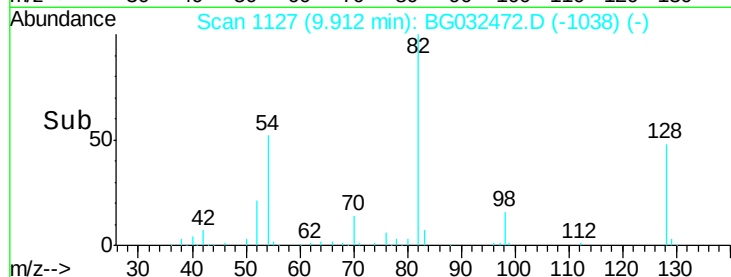
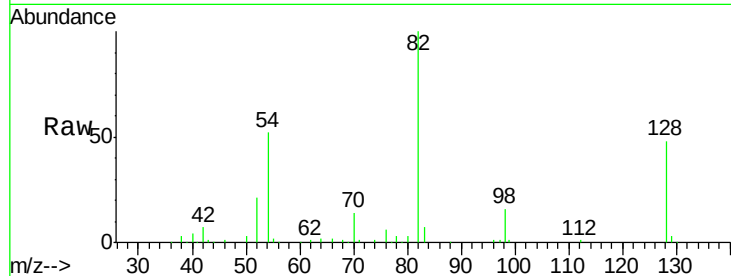




#23
 Nitrobenzene-d5
 Concen: 93.752 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032472.D
 Acq: 31 Jan 2018 19:16

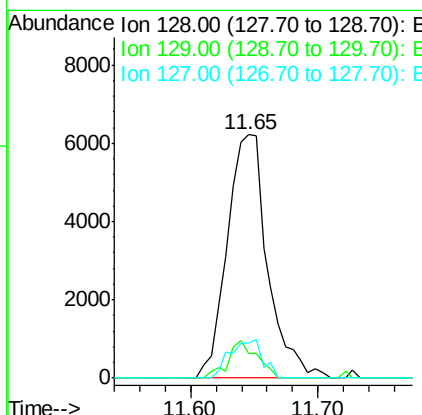
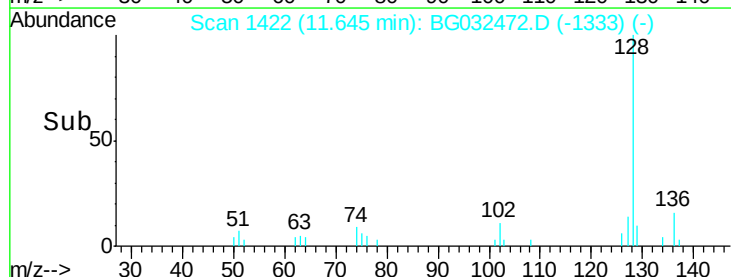
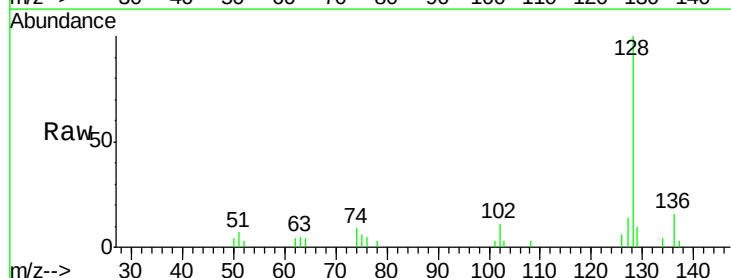
Instrument :
 BNA_G
 ClientSampled :
 CL-02-013018-B

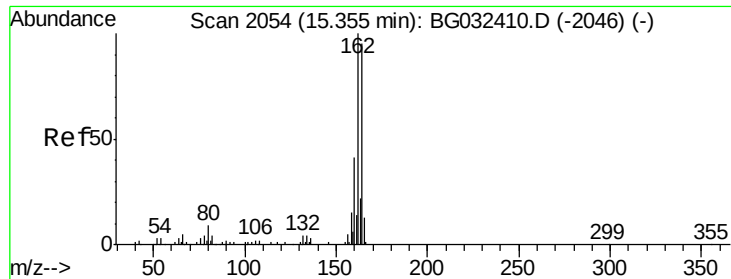
Tot Ion: 82 Resp: 173130
 Ion Ratio Lower Upper
 82 100
 128 47.9 29.7 44.5#
 54 52.2 43.1 64.7



#31
 Naphthalene
 Concen: 2.430 ng
 RT: 11.65 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BG032472.D
 Acq: 31 Jan 2018 19:16

Tgt Ion: 128 Resp: 13690
 Ion Ratio Lower Upper
 128 100
 129 10.4 8.6 12.8
 127 14.3 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.35 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032472.D

Acq: 31 Jan 2018 19:16

Instrument :

BNA_G

ClientSampleId :

CL-02-013018-B

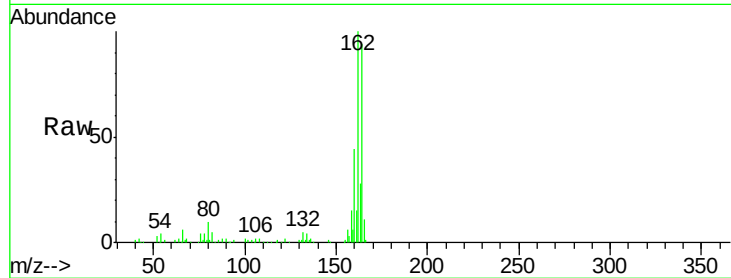
Tot Ion:164 Resp: 80577

Ion Ratio Lower Upper

164 100

162 106.4 78.8 118.2

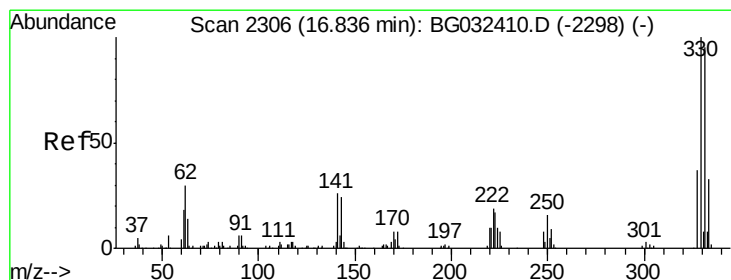
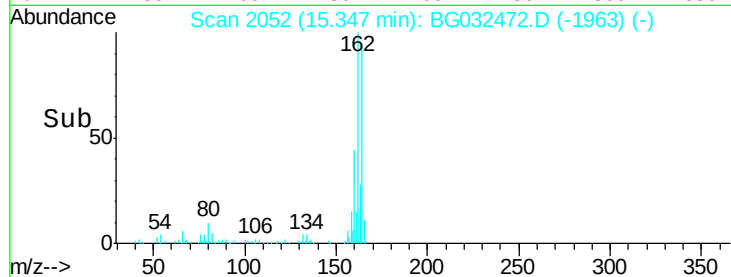
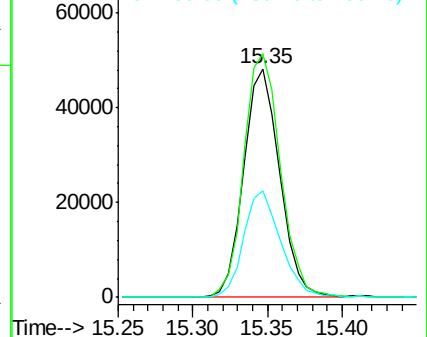
160 46.5 35.4 53.0



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: 156.637 ng

RT: 16.83 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG032472.D

Acq: 31 Jan 2018 19:16

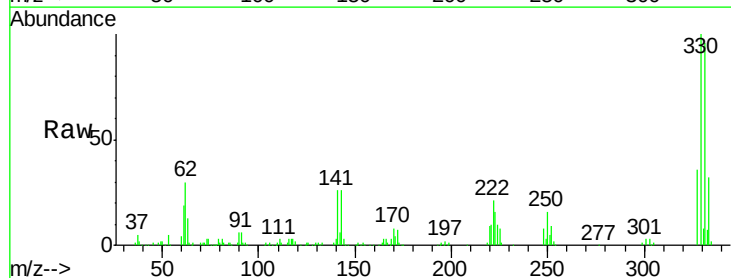
Tgt Ion:330 Resp: 240248

Ion Ratio Lower Upper

330 100

332 98.0 77.0 115.6

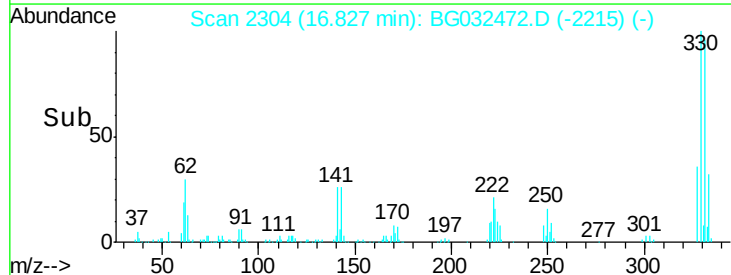
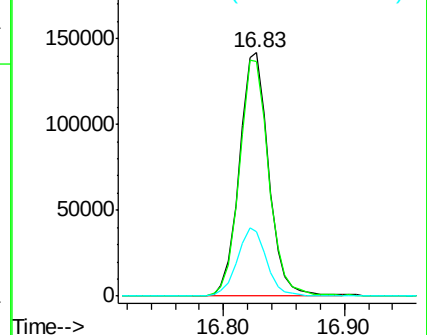
141 27.9 25.2 37.8

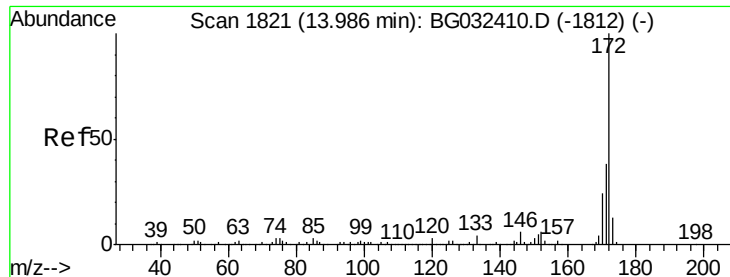


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

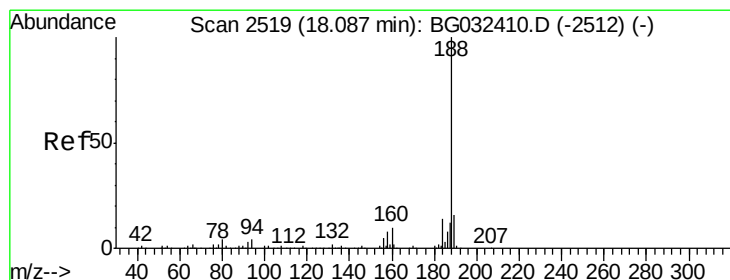
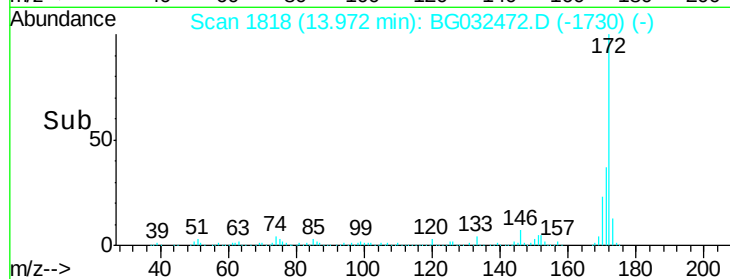
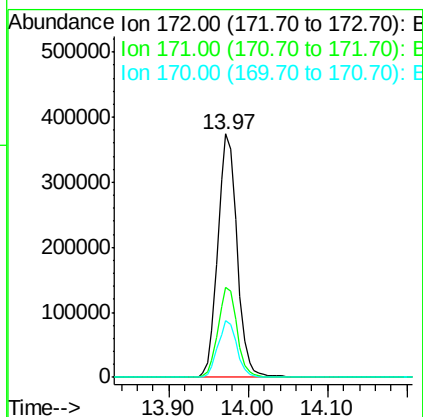
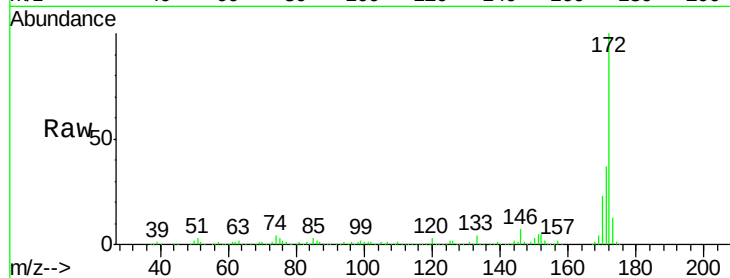




#44
 2-Fluorobiphenyl
 Concen: 93.020 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG032472.D
 Acq: 31 Jan 2018 19:16

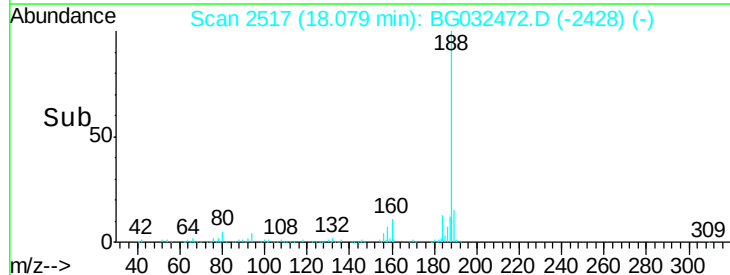
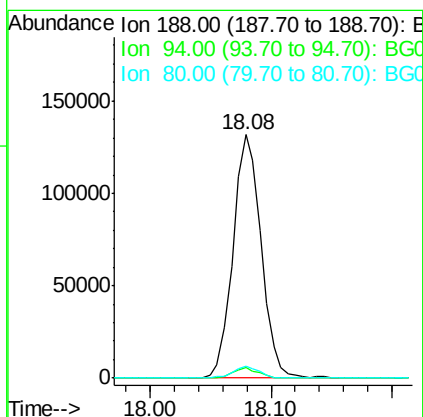
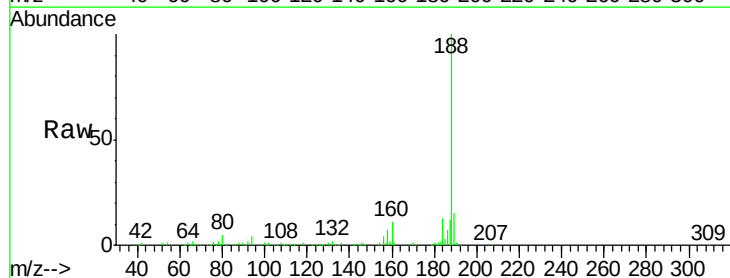
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-013018-B

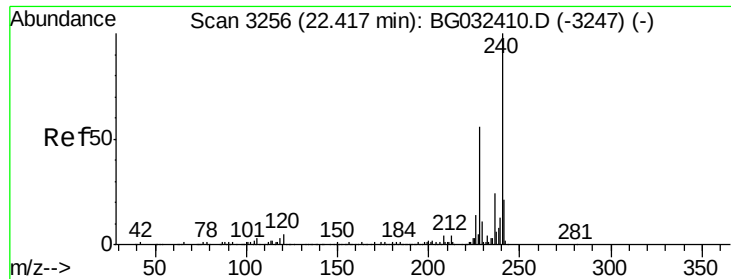
Tot Ion:172 Resp: 630616
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 23.2 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG032472.D
 Acq: 31 Jan 2018 19:16

Tgt Ion:188 Resp: 213638
 Ion Ratio Lower Upper
 188 100
 94 4.2 6.9 10.3#
 80 4.9 7.7 11.5#

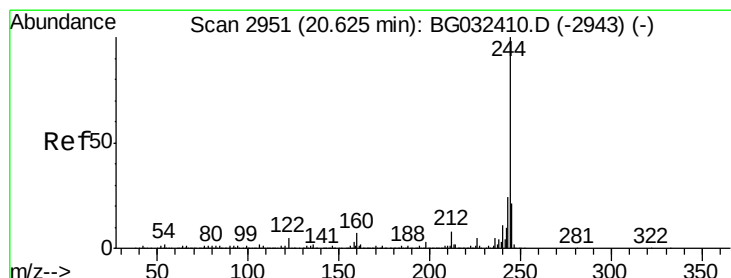
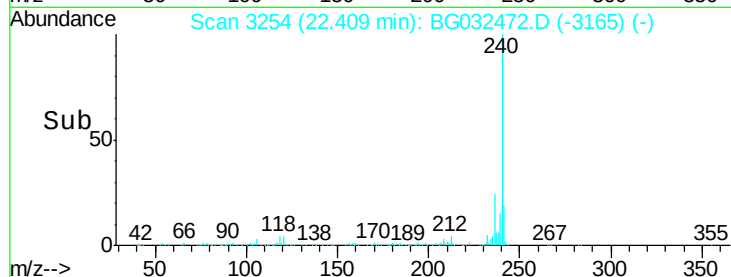
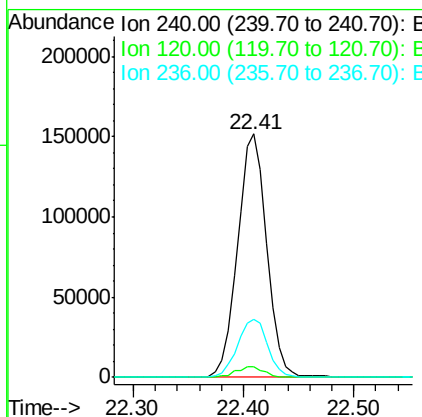
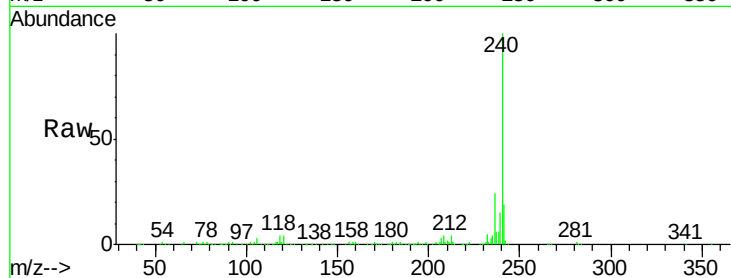




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.41 min Scan# 3254
 Delta R.T. -0.01 min
 Lab File: BG032472.D
 Acq: 31 Jan 2018 19:16

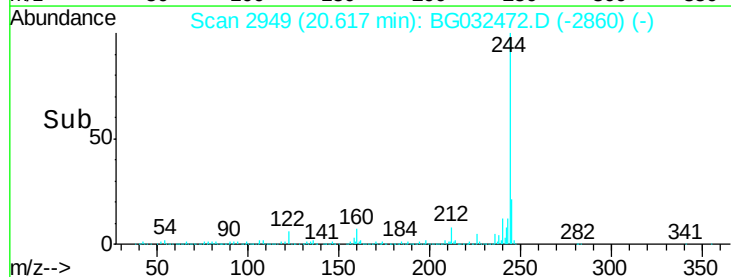
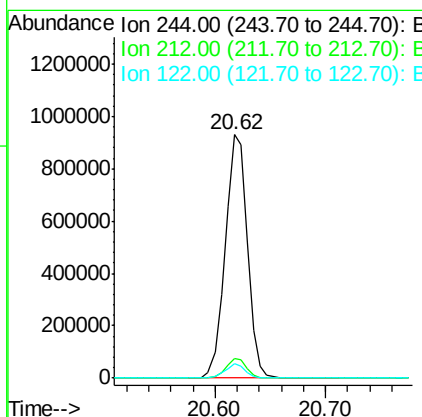
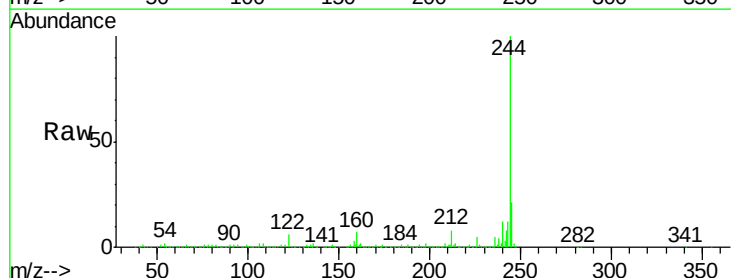
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 CL-02-013018-B

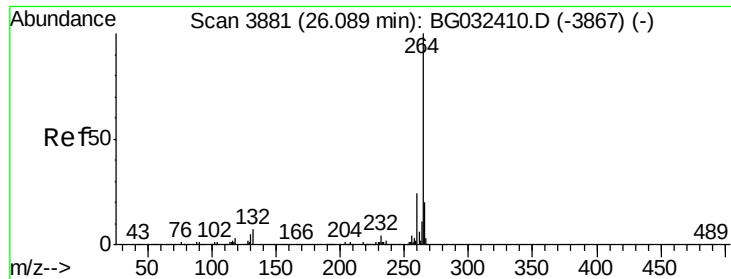
Tot Ion:240 Resp: 280311
 Ion Ratio Lower Upper
 240 100
 120 4.4 6.8 10.2#
 236 23.8 20.9 31.3



#78
 Terphenyl-d14
 Concen: 99.657 ng
 RT: 20.62 min Scan# 2949
 Delta R.T. -0.01 min
 Lab File: BG032472.D
 Acq: 31 Jan 2018 19:16

Tgt Ion:244 Resp: 1304108
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 5.8 7.0 10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.09 min Scan# 3880
Delta R.T. -0.00 min
Lab File: BG032472.D
Acq: 31 Jan 2018 19:16

Instrument :
BNA_G
ClientSampleId :
CL-02-013018-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	22.0	17.7	26.5

