

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032473.D
 Acq On : 31 Jan 2018 19:53
 Operator : SJ/JU
 Sample : J1015-25
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Feb 01 02:37:14 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	8.72	152	29356	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	115207	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	81287	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	212932	20.00	ng	0.00
75) Chrysene-d12	22.41	240	273271	20.00	ng	-0.01
86) Perylene-d12	26.08	264	291342	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	219282	150.03	ng	0.00
7) Phenol-d6	7.83	99	241500	123.83	ng	0.00
23) Nitrobenzene-d5	9.91	82	185066	100.34	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	248179	160.39	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	663209	96.97	ng	-0.01
78) Terphenyl-d14	20.62	244	1381902	108.32	ng	0.00

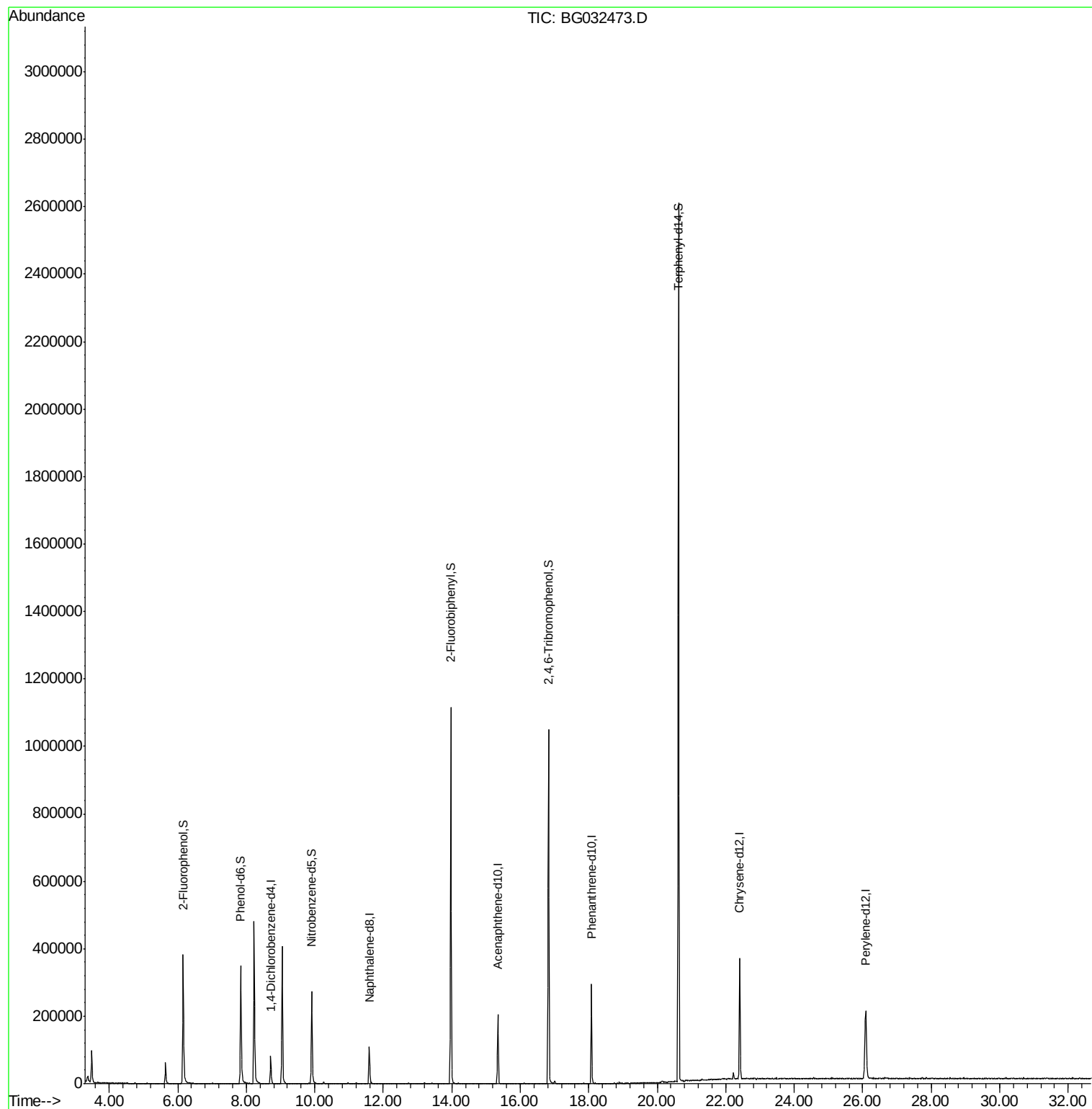
Target Compounds Qvalue

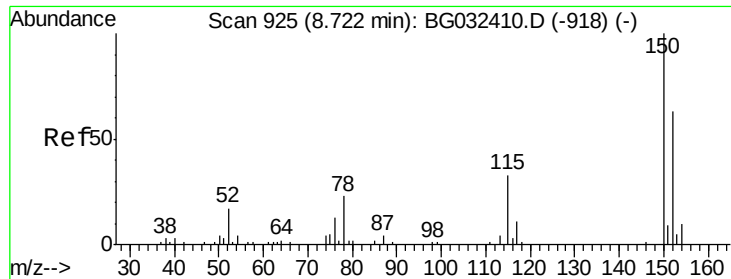
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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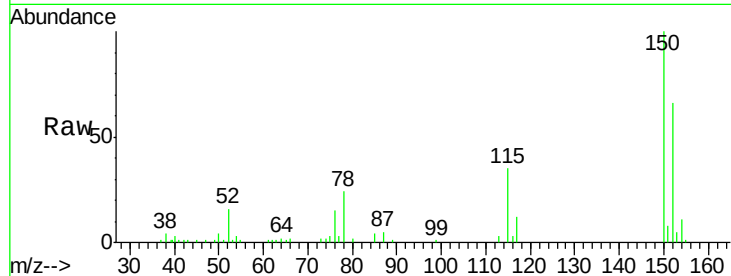


#1

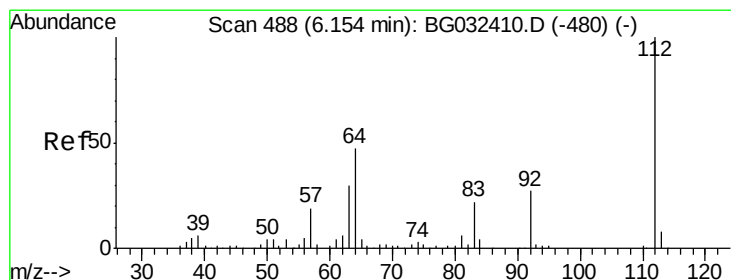
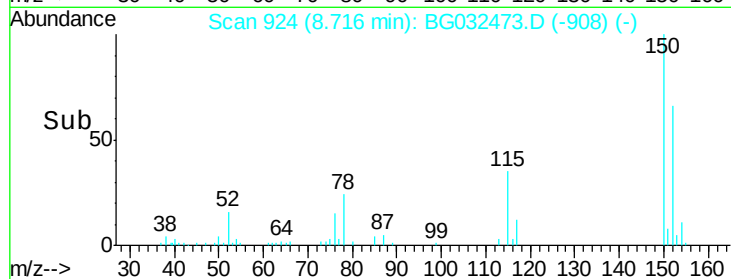
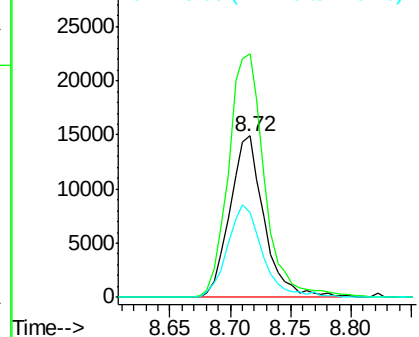
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG032473.D
Acq: 31 Jan 2018 19:53

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

Tot Ion:152 Resp: 29356
Ion Ratio Lower Upper
152 100
150 150.6 126.6 189.8
115 52.7 53.0 79.4#



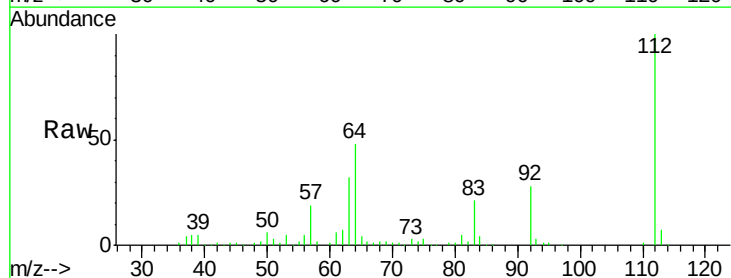
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



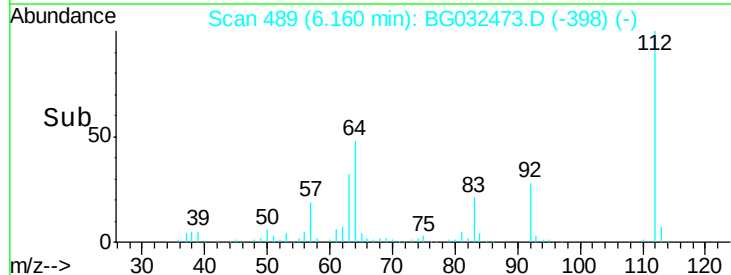
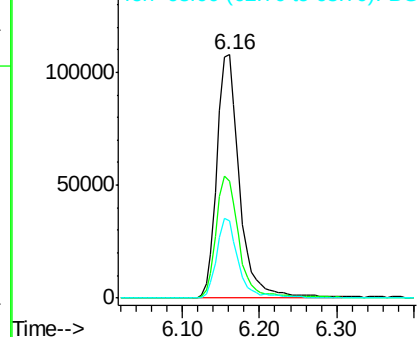
#5

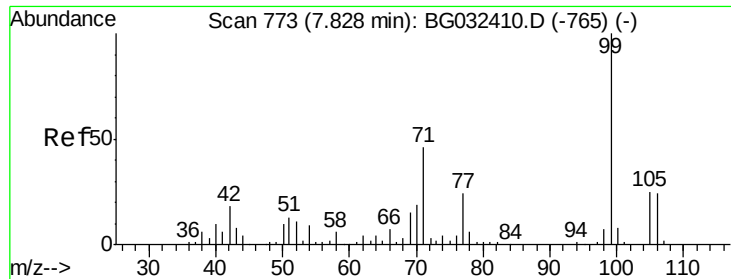
2-Fluorophenol
Concen: 150.034 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG032473.D
Acq: 31 Jan 2018 19:53

Tgt Ion:112 Resp: 219282
Ion Ratio Lower Upper
112 100
64 48.0 56.3 84.5#
63 31.9 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: 123.826 ng

RT: 7.83 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032473.D

Acq: 31 Jan 2018 19:53

Instrument :

BNA_G

ClientSampleId :

CL-02-013018-C

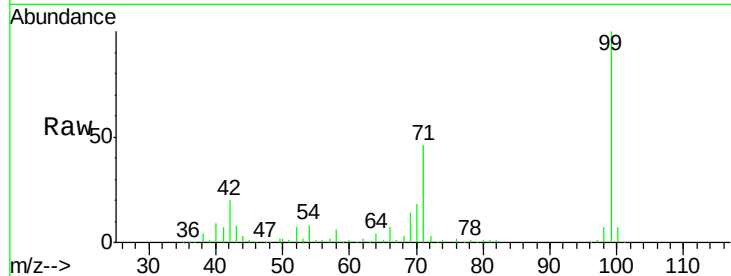
Tot Ion: 99 Resp: 241500

Ion Ratio Lower Upper

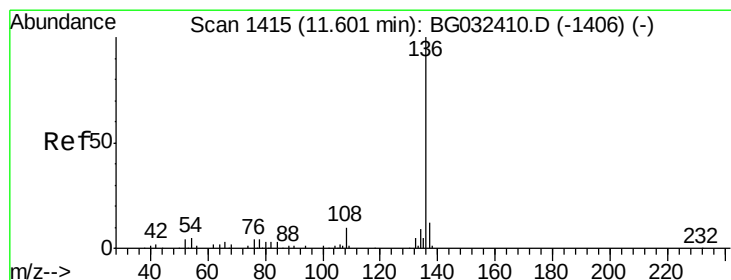
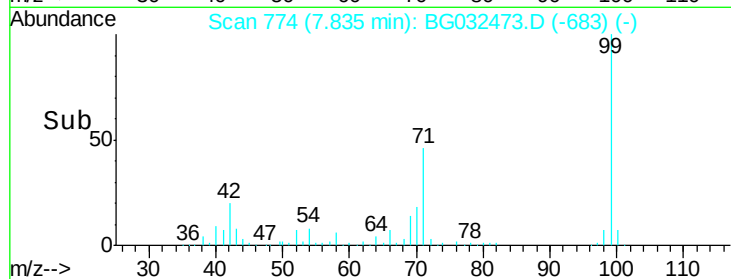
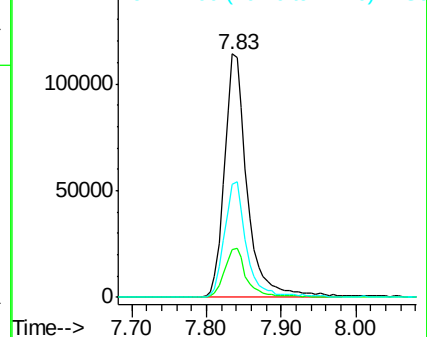
99 100

42 19.7 14.1 21.1

71 46.2 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: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032473.D

Acq: 31 Jan 2018 19:53

Tgt Ion: 136 Resp: 115207

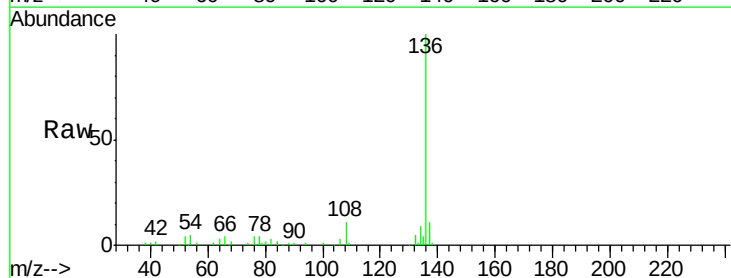
Ion Ratio Lower Upper

136 100

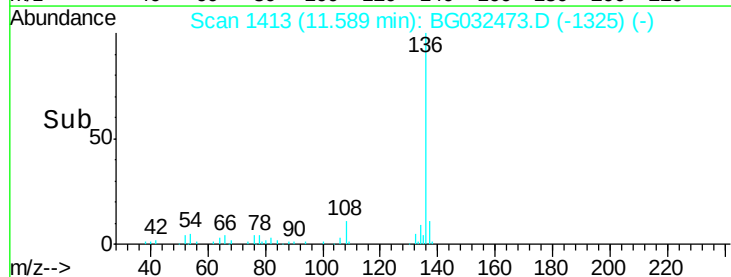
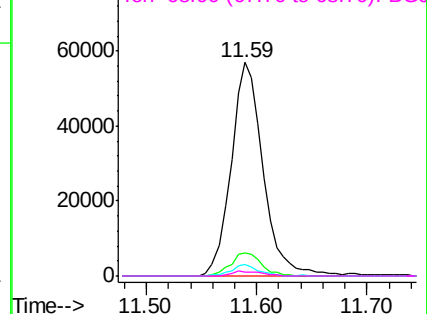
137 10.7 9.2 13.8

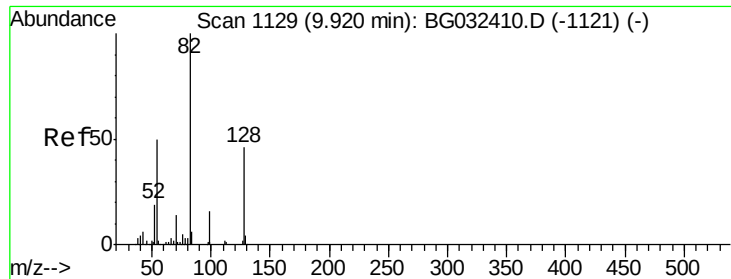
54 5.2 10.3 15.5#

68 2.1 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

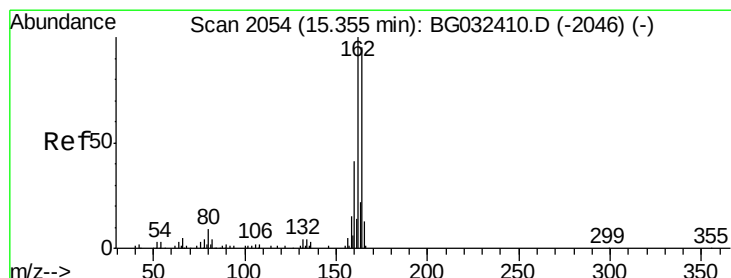
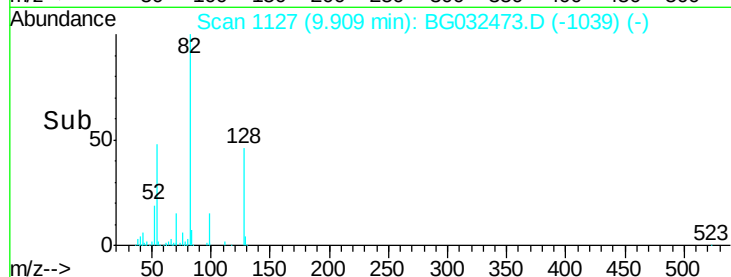
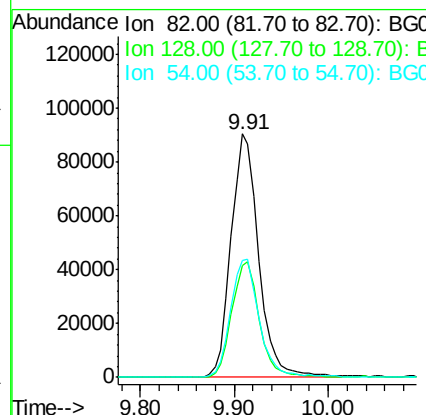
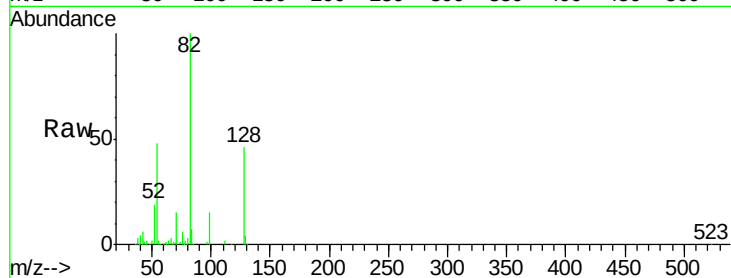




#23
 Nitrobenzene-d5
 Concen: 100.335 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032473.D
 Acq: 31 Jan 2018 19:53

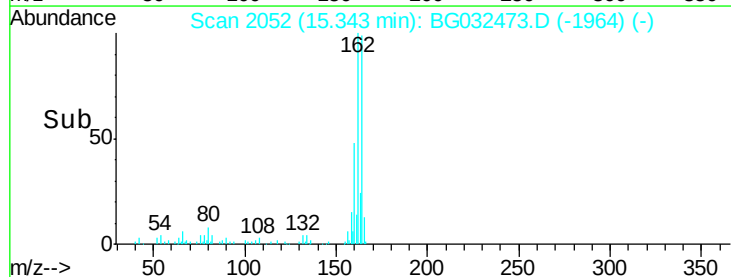
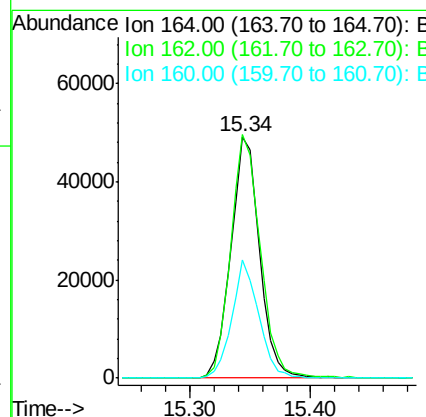
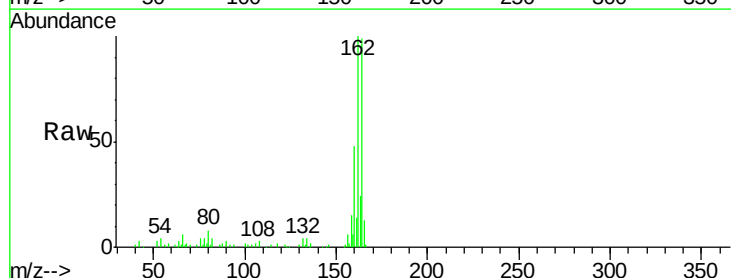
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-013018-C

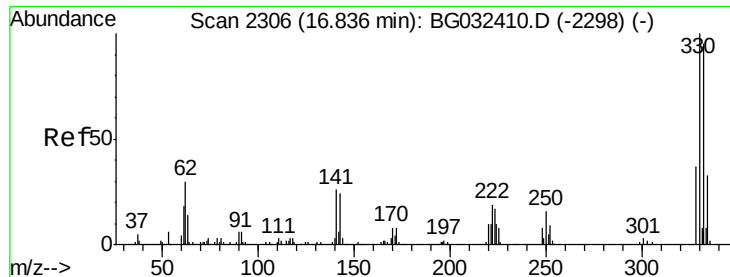
Tot Ion: 82 Resp: 185066
 Ion Ratio Lower Upper
 82 100
 128 45.8 29.7 44.5#
 54 48.1 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032473.D
 Acq: 31 Jan 2018 19:53

Tgt Ion: 164 Resp: 81287
 Ion Ratio Lower Upper
 164 100
 162 100.9 78.8 118.2
 160 48.9 35.4 53.0

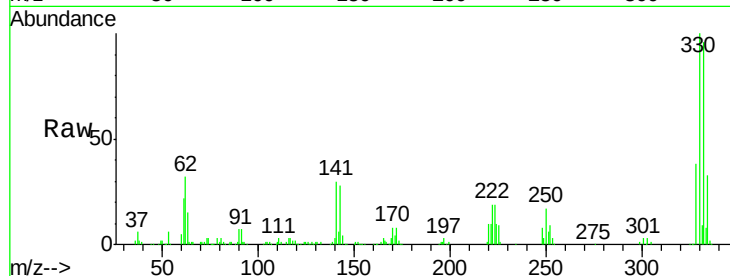




#41
 2,4,6-Tribromophenol
 Concen: 160.395 ng
 RT: 16.82 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032473.D
 Acq: 31 Jan 2018 19:53

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	28.6	25.2	37.8

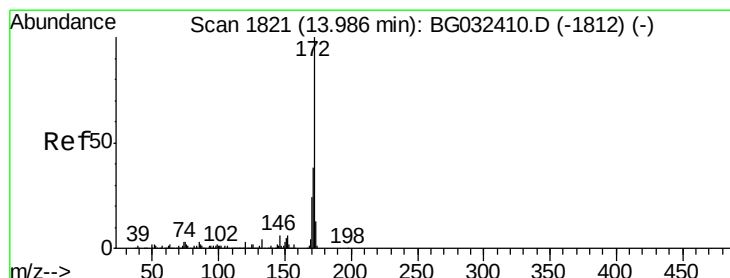
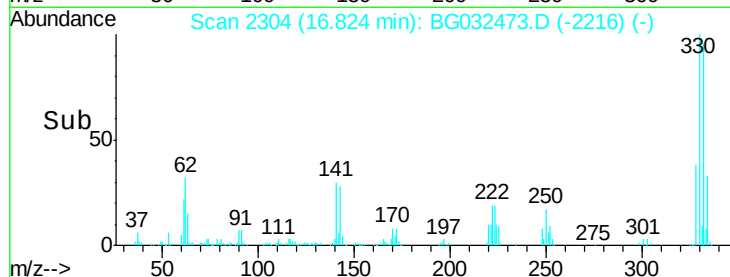
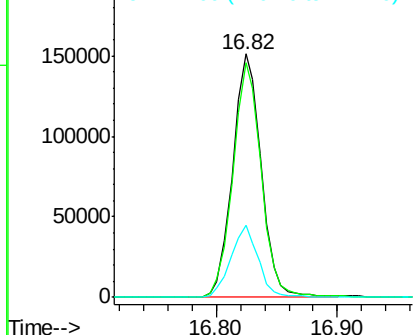


Abundance

Ion 329.80 (329.50 to 330.50): E

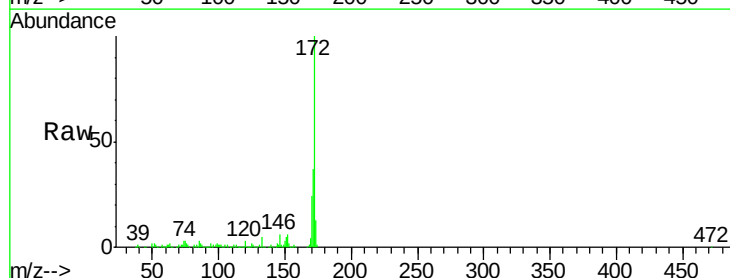
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.973 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032473.D
 Acq: 31 Jan 2018 19:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	23.9	19.5	29.3

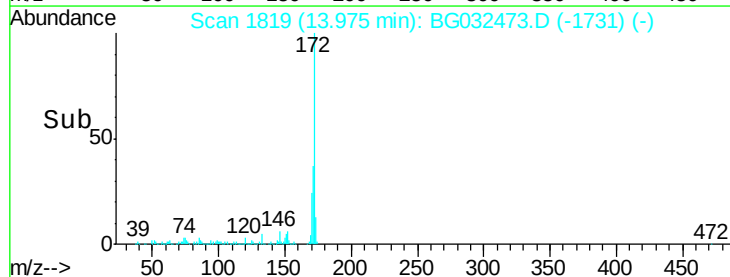
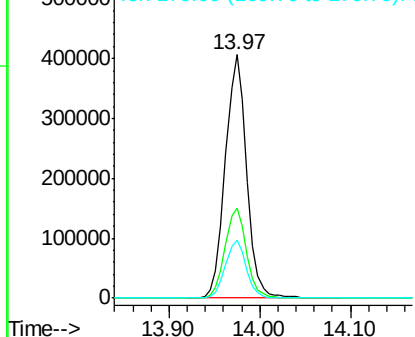


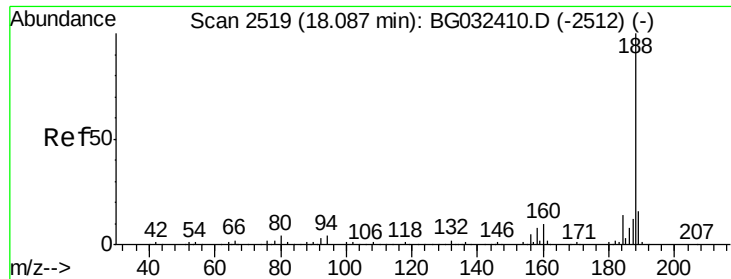
Abundance

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: 18.08 min Scan# 2518

Delta R.T. -0.01 min

Lab File: BG032473.D

Acq: 31 Jan 2018 19:53

Instrument :

BNA_G

ClientSampleId :

CL-02-013018-C

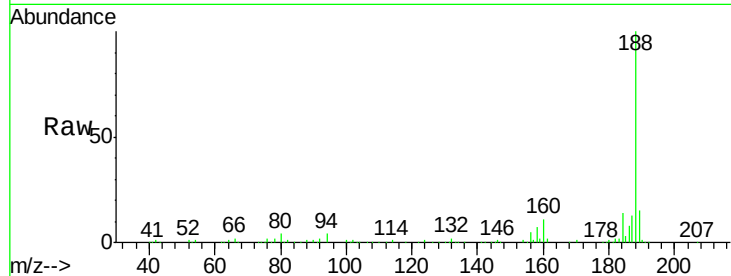
Tot Ion:188 Resp: 212932

Ion Ratio Lower Upper

188 100

94 3.8 6.9 10.3#

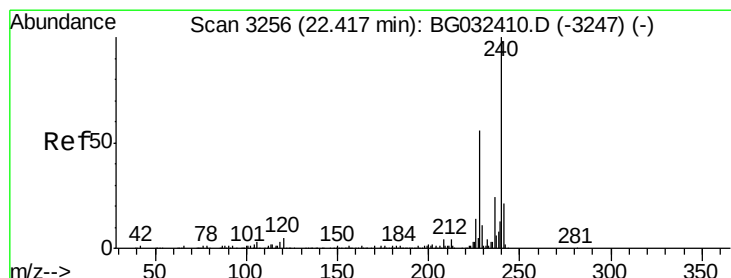
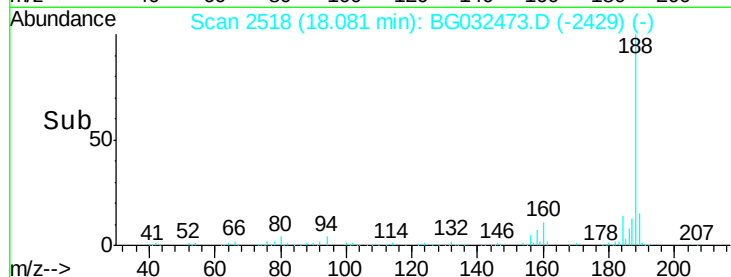
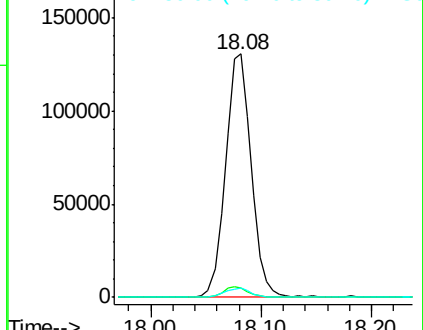
80 4.0 7.7 11.5#



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: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032473.D

Acq: 31 Jan 2018 19:53

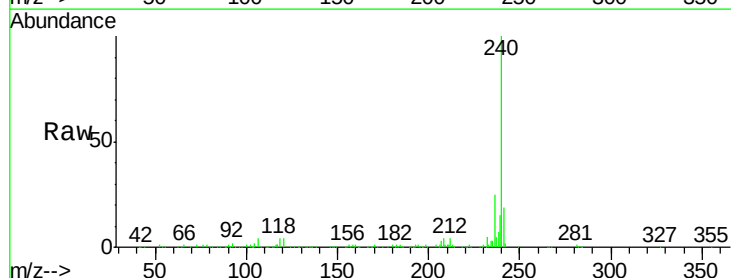
Tgt Ion:240 Resp: 273271

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

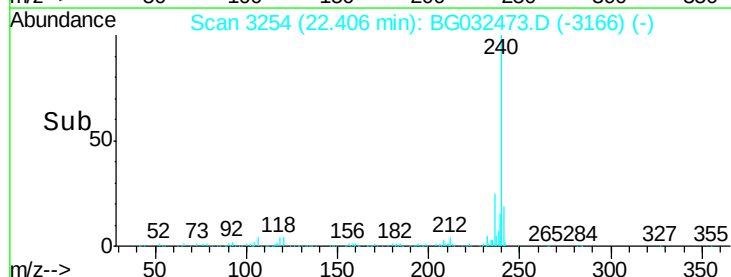
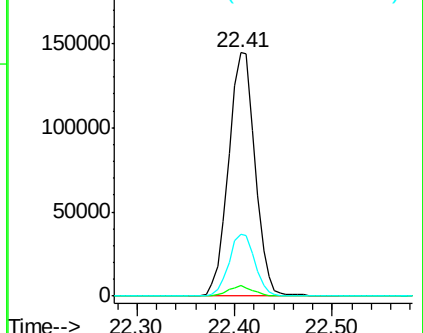
236 25.3 20.9 31.3

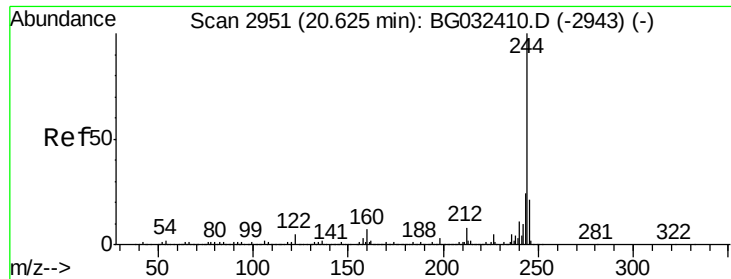


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 108.323 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BG032473.D

Acq: 31 Jan 2018 19:53

Instrument :

BNA_G

ClientSampleId :

CL-02-013018-C

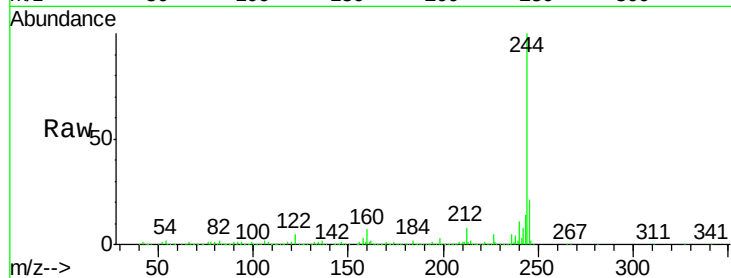
Tot Ion:244 Resp: 1381902

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

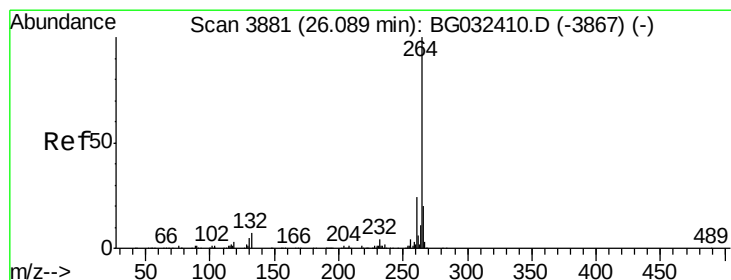
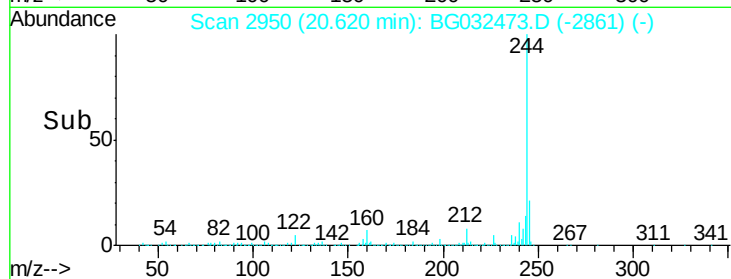
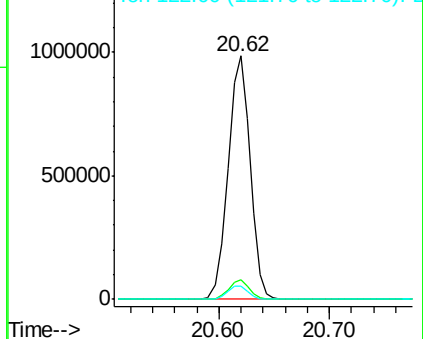
122 5.4 7.0 10.4#



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: 26.08 min Scan# 3880

Delta R.T. -0.01 min

Lab File: BG032473.D

Acq: 31 Jan 2018 19:53

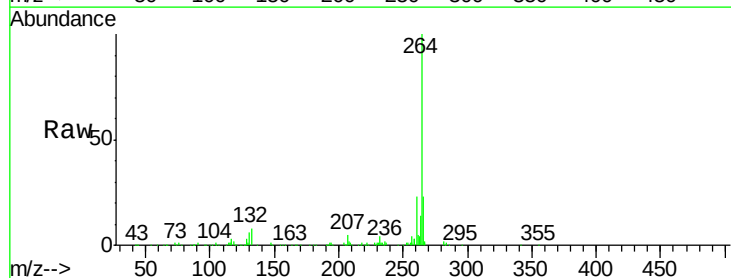
Tgt Ion:264 Resp: 291342

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 22.9 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

