

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032471.D
 Acq On : 31 Jan 2018 18:38
 Operator : SJ/JU
 Sample : J1015-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Feb 01 02:32:26 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	31805	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	118876	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	81416	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	218460	20.00	ng	0.00
75) Chrysene-d12	22.41	240	279703	20.00	ng	-0.01
86) Perylene-d12	26.09	264	301027	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	212210	134.02	ng	0.00
7) Phenol-d6	7.84	99	236423	111.89	ng	0.00
23) Nitrobenzene-d5	9.91	82	189824	99.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.83	330	250480	161.63	ng	-0.01
44) 2-Fluorobiphenyl	13.98	172	672216	98.13	ng	-0.01
78) Terphenyl-d14	20.62	244	1366775	104.67	ng	0.00

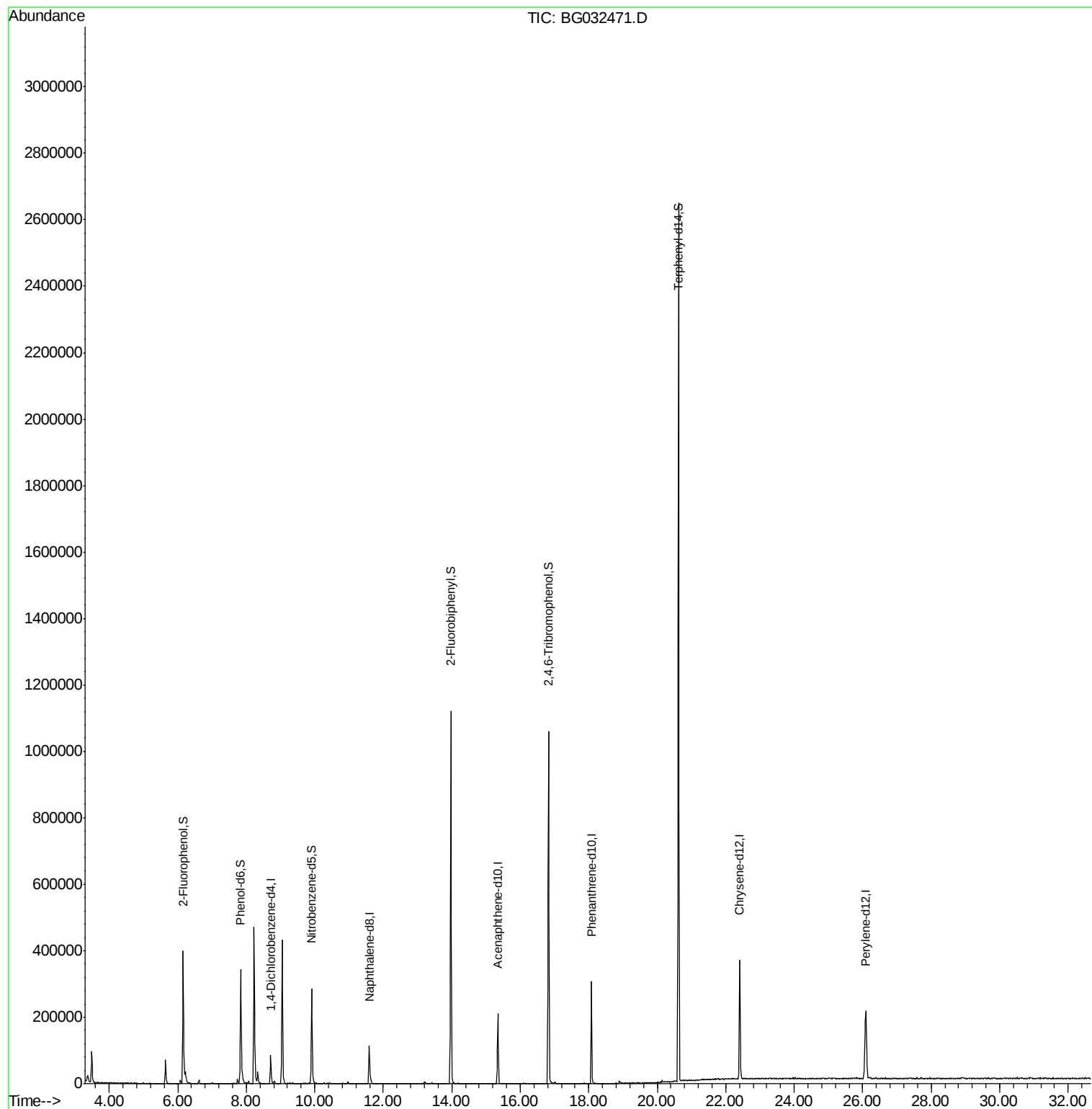
Target Compounds Qvalue

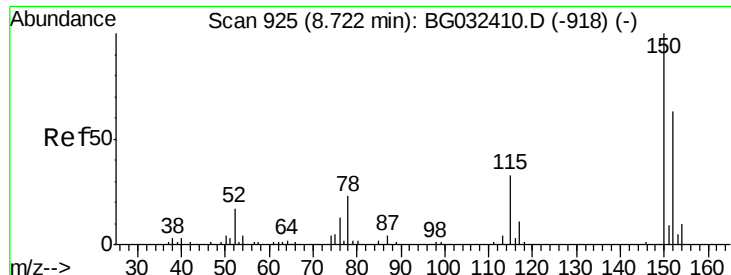
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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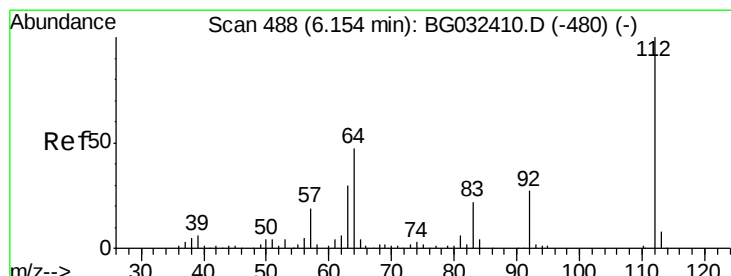
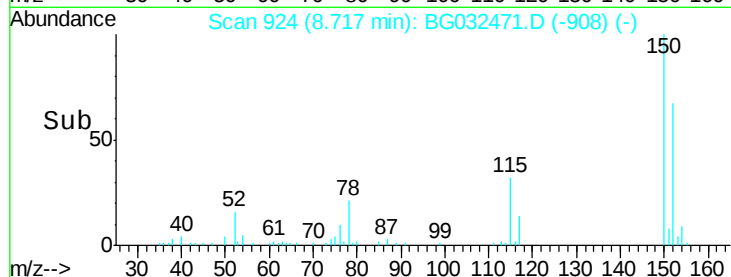
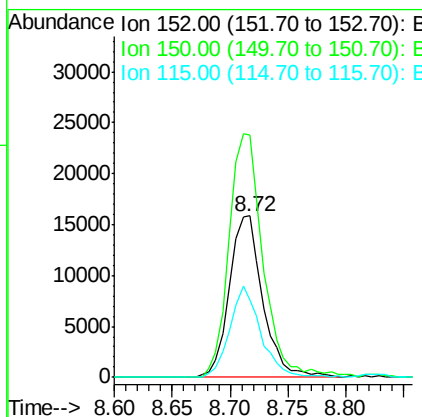
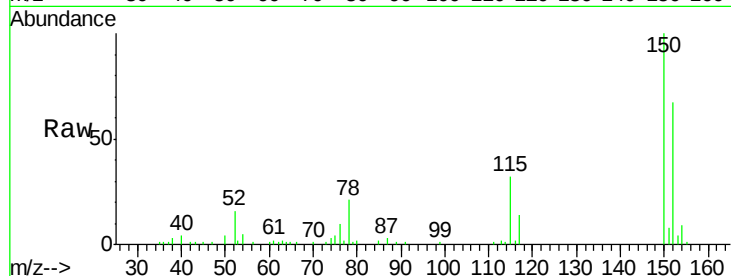


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG032471.D
Acq: 31 Jan 2018 18:38

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

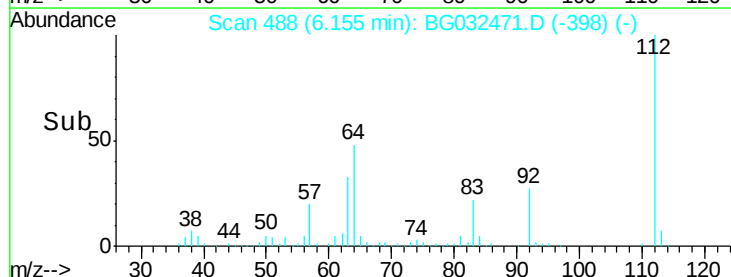
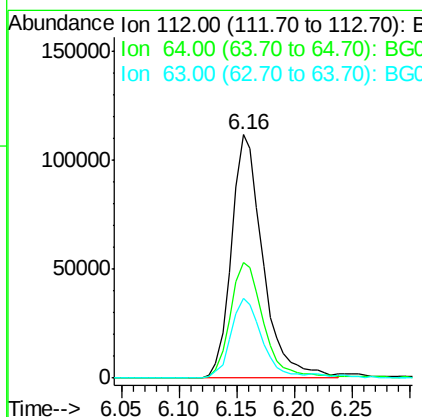
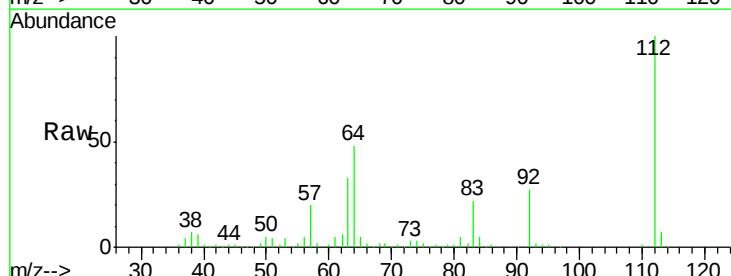
Tot Ion:152 Resp: 31805
Ion Ratio Lower Upper
152 100
150 149.6 126.6 189.8
115 48.1 53.0 79.4#

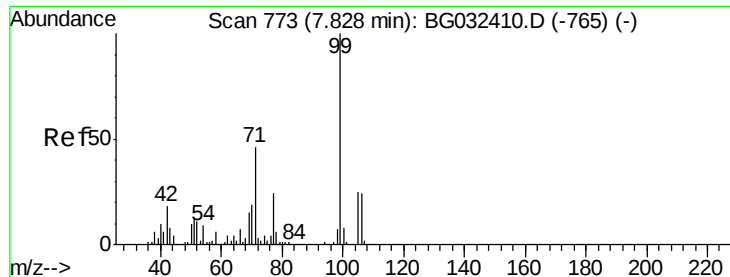


#5

2-Fluorophenol
Concen: 134.015 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032471.D
Acq: 31 Jan 2018 18:38

Tgt Ion:112 Resp: 212210
Ion Ratio Lower Upper
112 100
64 47.5 56.3 84.5#
63 33.0 30.1 45.1





#7

Phenol-d6

Concen: 111.889 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032471.D

Acq: 31 Jan 2018 18:38

Instrument :

BNA_G

ClientSampleId :

CL-02-013018-A

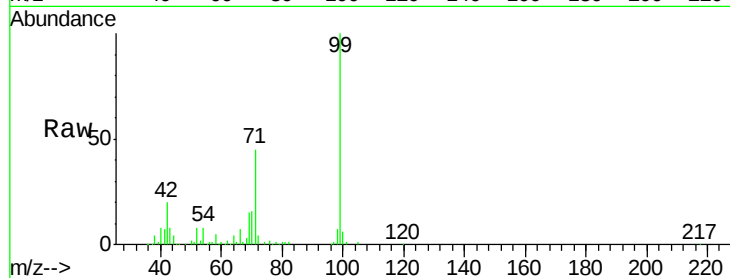
Tot Ion: 99 Resp: 236423

Ion Ratio Lower Upper

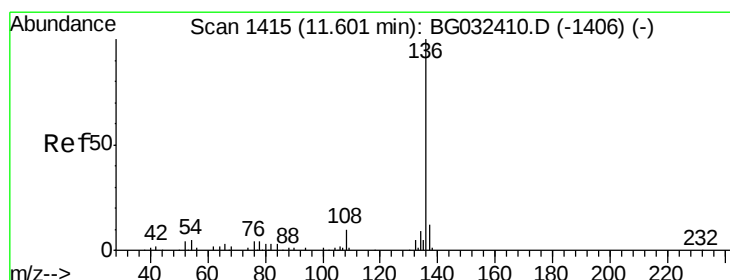
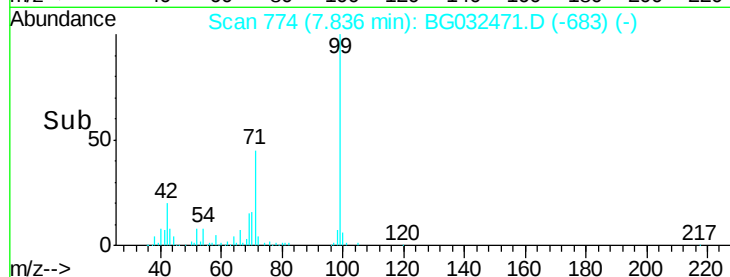
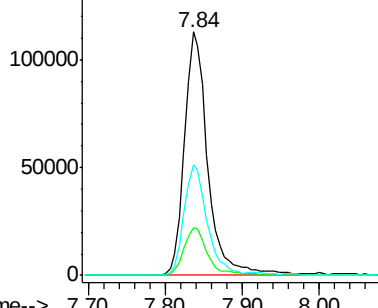
99 100

42 19.9 14.1 21.1

71 45.1 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: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032471.D

Acq: 31 Jan 2018 18:38

Tgt Ion: 136 Resp: 118876

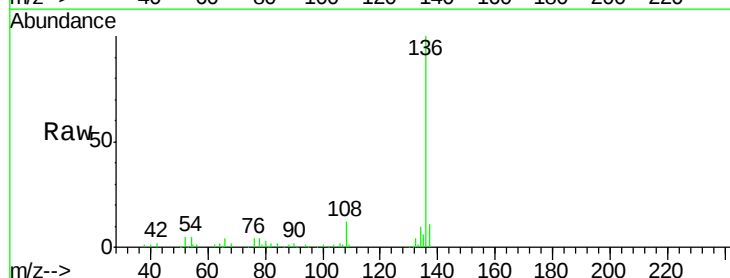
Ion Ratio Lower Upper

136 100

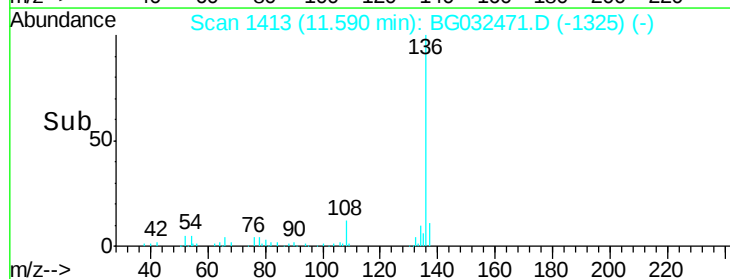
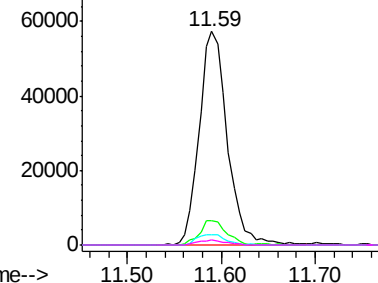
137 11.2 9.2 13.8

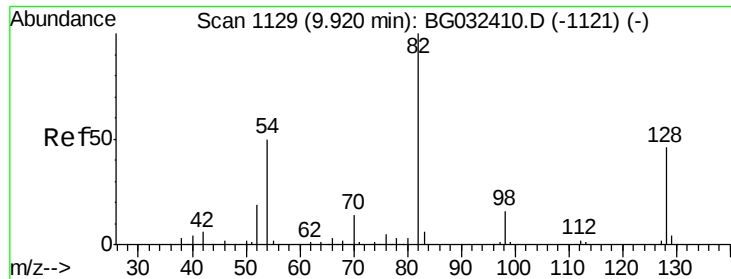
54 5.6 10.3 15.5#

68 2.2 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

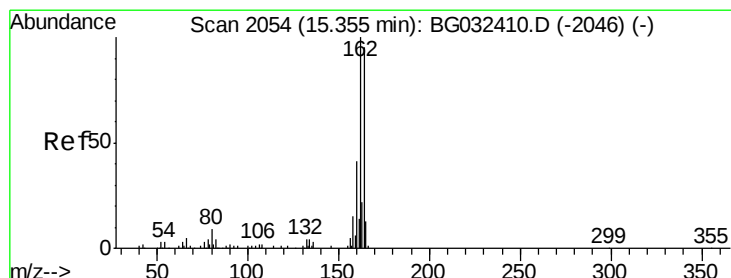
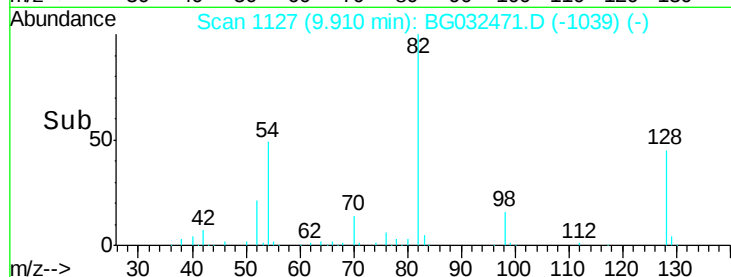
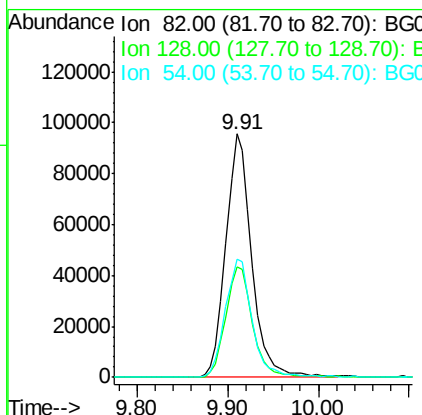
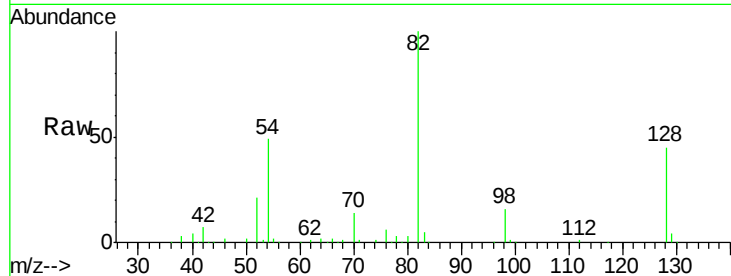




#23
 Nitrobenzene-d5
 Concen: 99.738 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032471.D
 Acq: 31 Jan 2018 18:38

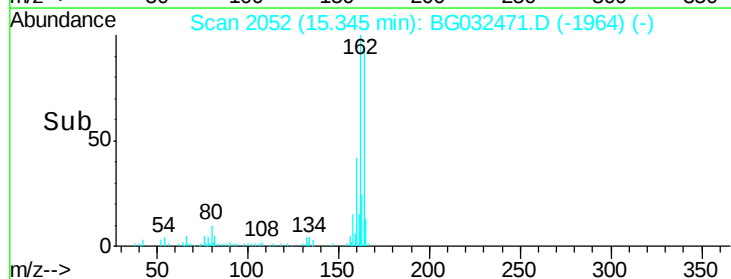
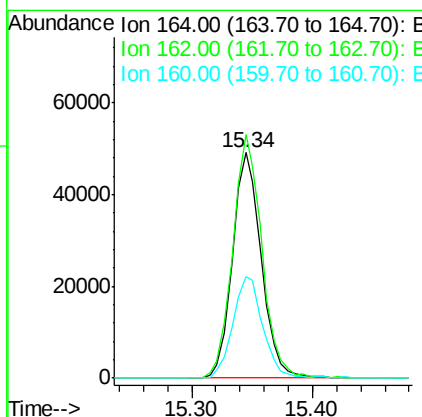
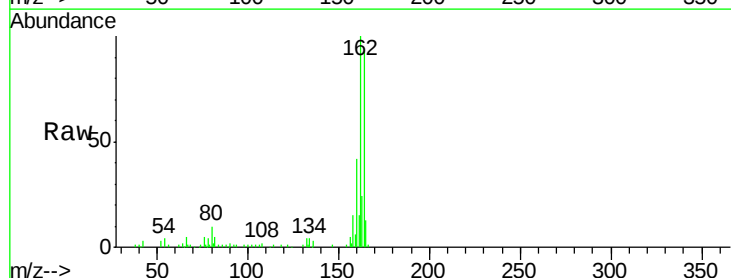
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-013018-A

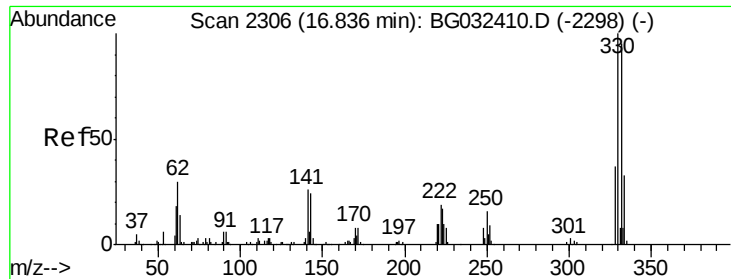
Tot Ion	82	Resp	189824
Ion Ratio	Lower	Upper	
82	100		
128	45.3	29.7	44.5#
54	48.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032471.D
 Acq: 31 Jan 2018 18:38

Tgt Ion	164	Resp	81416
Ion Ratio	Lower	Upper	
164	100		
162	107.9	78.8	118.2
160	45.2	35.4	53.0

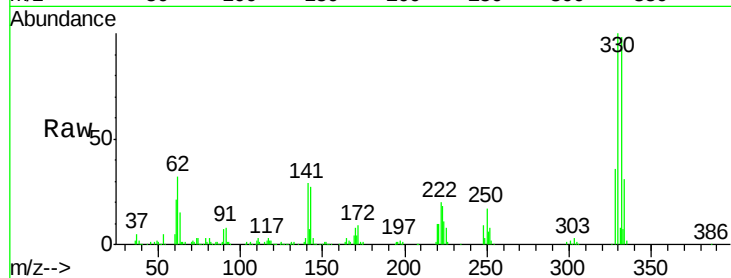




#41
 2,4,6-Tribromophenol
 Concen: 161.626 ng
 RT: 16.83 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032471.D
 Acq: 31 Jan 2018 18:38

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	27.8	25.2	37.8

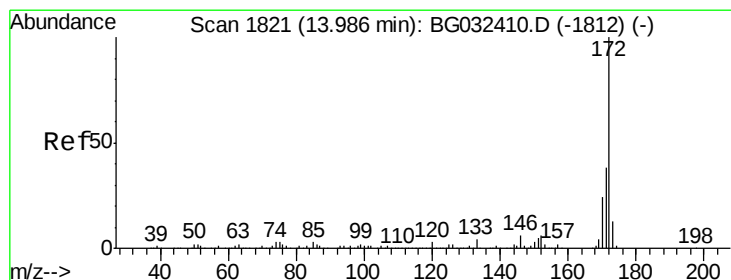
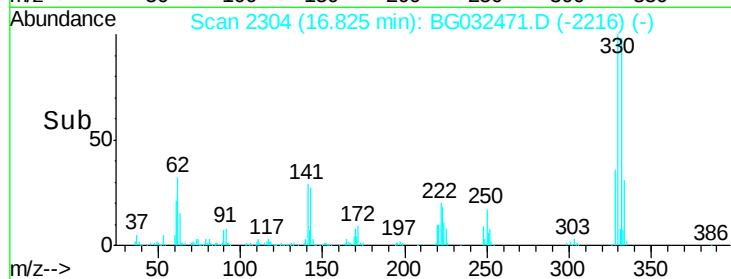
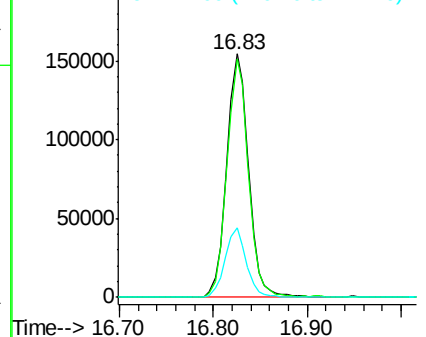


Abundance

Ion 329.80 (329.50 to 330.50): E

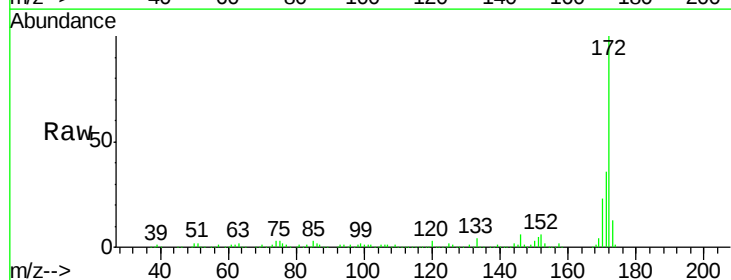
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.135 ng
 RT: 13.98 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032471.D
 Acq: 31 Jan 2018 18:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.0	45.0
170	23.4	19.5	29.3

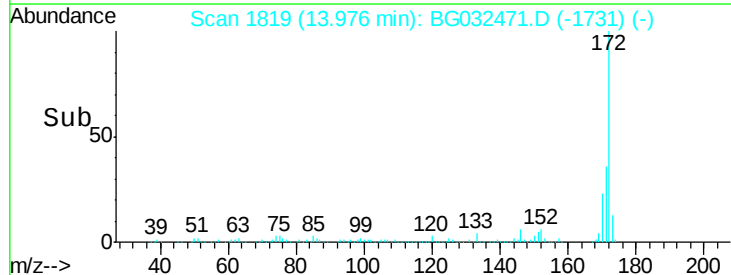
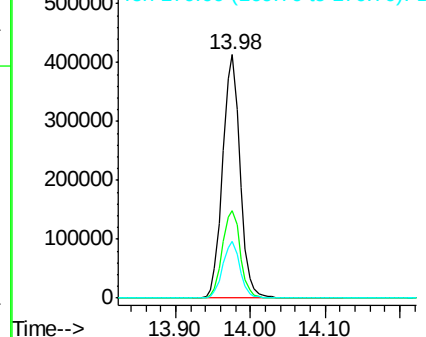


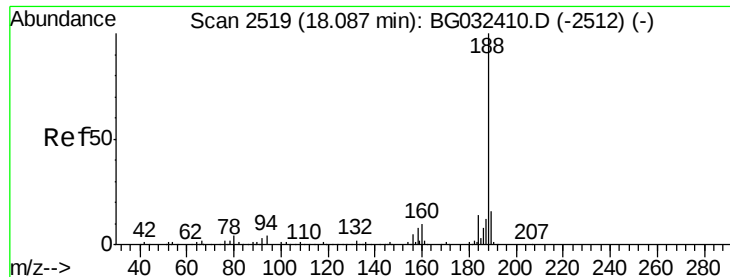
Abundance

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. -0.00 min

Lab File: BG032471.D

Acq: 31 Jan 2018 18:38

Instrument :

BNA_G

ClientSampleId :

CL-02-013018-A

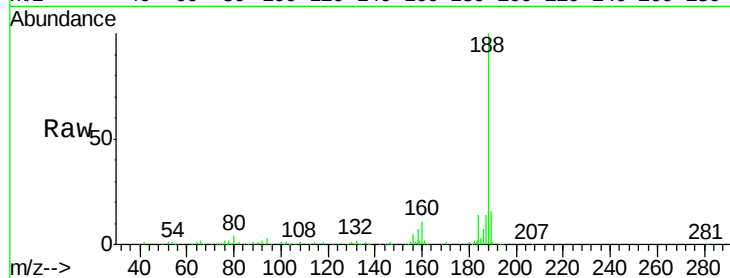
Tot Ion:188 Resp: 218460

Ion Ratio Lower Upper

188 100

94 3.1 6.9 10.3#

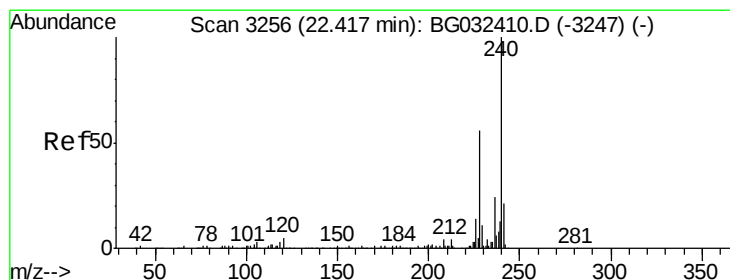
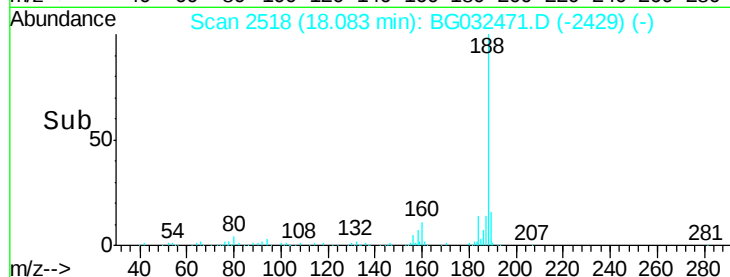
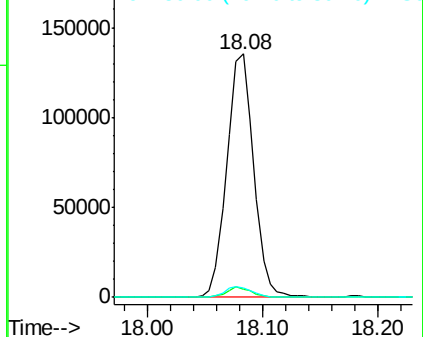
80 4.1 7.7 11.5#



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: BG032471.D

Acq: 31 Jan 2018 18:38

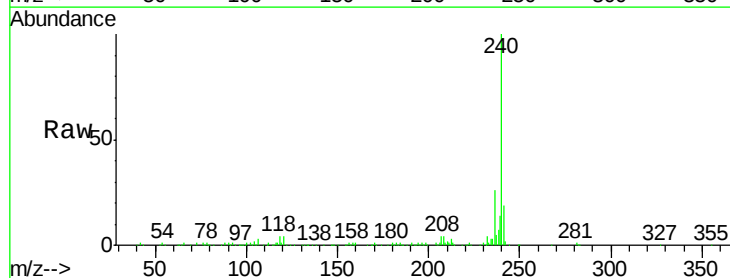
Tgt Ion:240 Resp: 279703

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

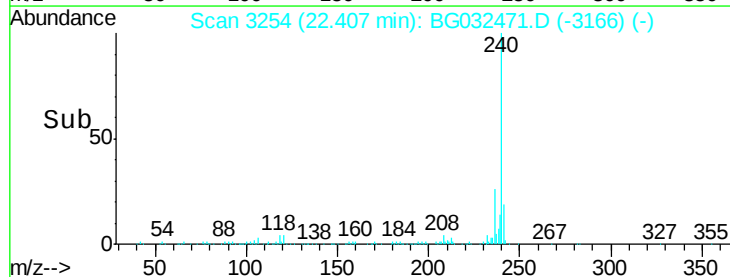
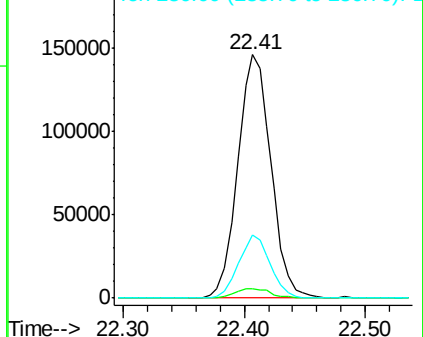
236 26.0 20.9 31.3

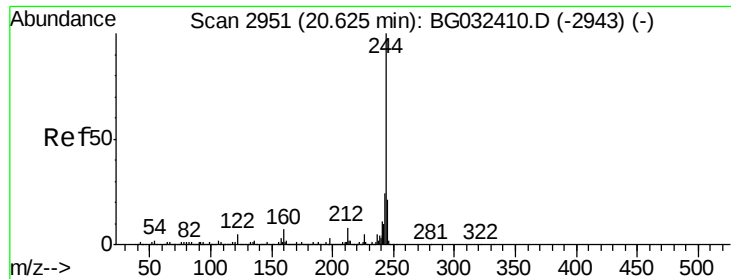


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 104.673 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BG032471.D

Acq: 31 Jan 2018 18:38

Instrument :

BNA_G

ClientSampleId :

CL-02-013018-A

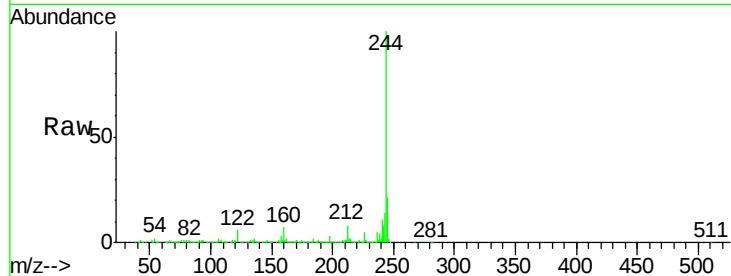
Tot Ion:244 Resp: 1366775

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

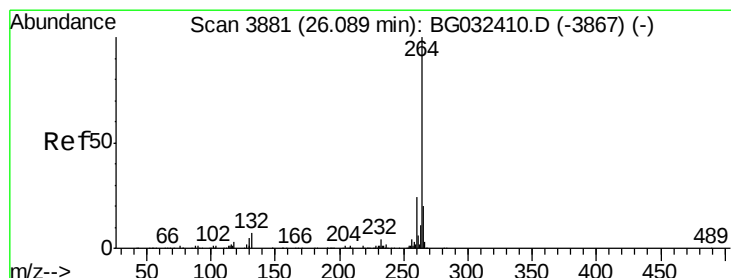
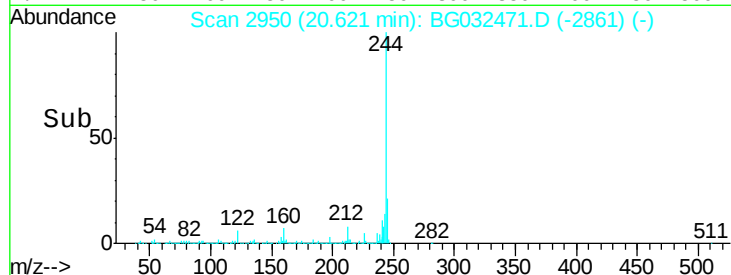
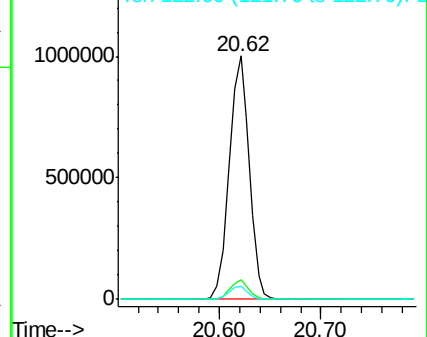
122 5.5 7.0 10.4#



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: 26.09 min Scan# 3881

Delta R.T. 0.00 min

Lab File: BG032471.D

Acq: 31 Jan 2018 18:38

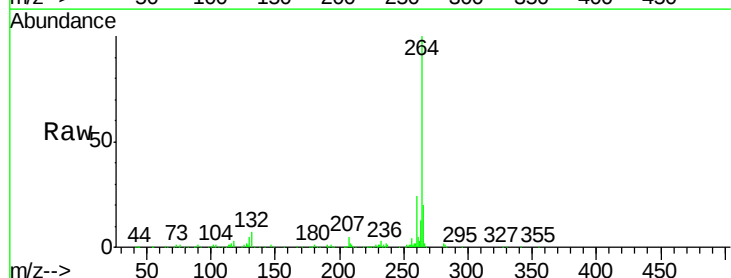
Tgt Ion:264 Resp: 301027

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 20.2 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

