

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
 Data File : BG032493.D
 Acq On : 1 Feb 2018 17:13
 Operator : SJ/JU
 Sample : J1410-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-1495

Quant Time: Feb 01 18:13:37 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	28262	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	107214	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	77296	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	204829	20.00	ng	0.00
75) Chrysene-d12	22.41	240	272976	20.00	ng	-0.01
86) Perylene-d12	26.09	264	285263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	180019	127.94	ng	0.00
7) Phenol-d6	7.84	99	201312	107.22	ng	0.01
23) Nitrobenzene-d5	9.92	82	158513	92.35	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	187948	127.74	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	573499	88.19	ng	-0.01
78) Terphenyl-d14	20.62	244	1195951	93.85	ng	0.00

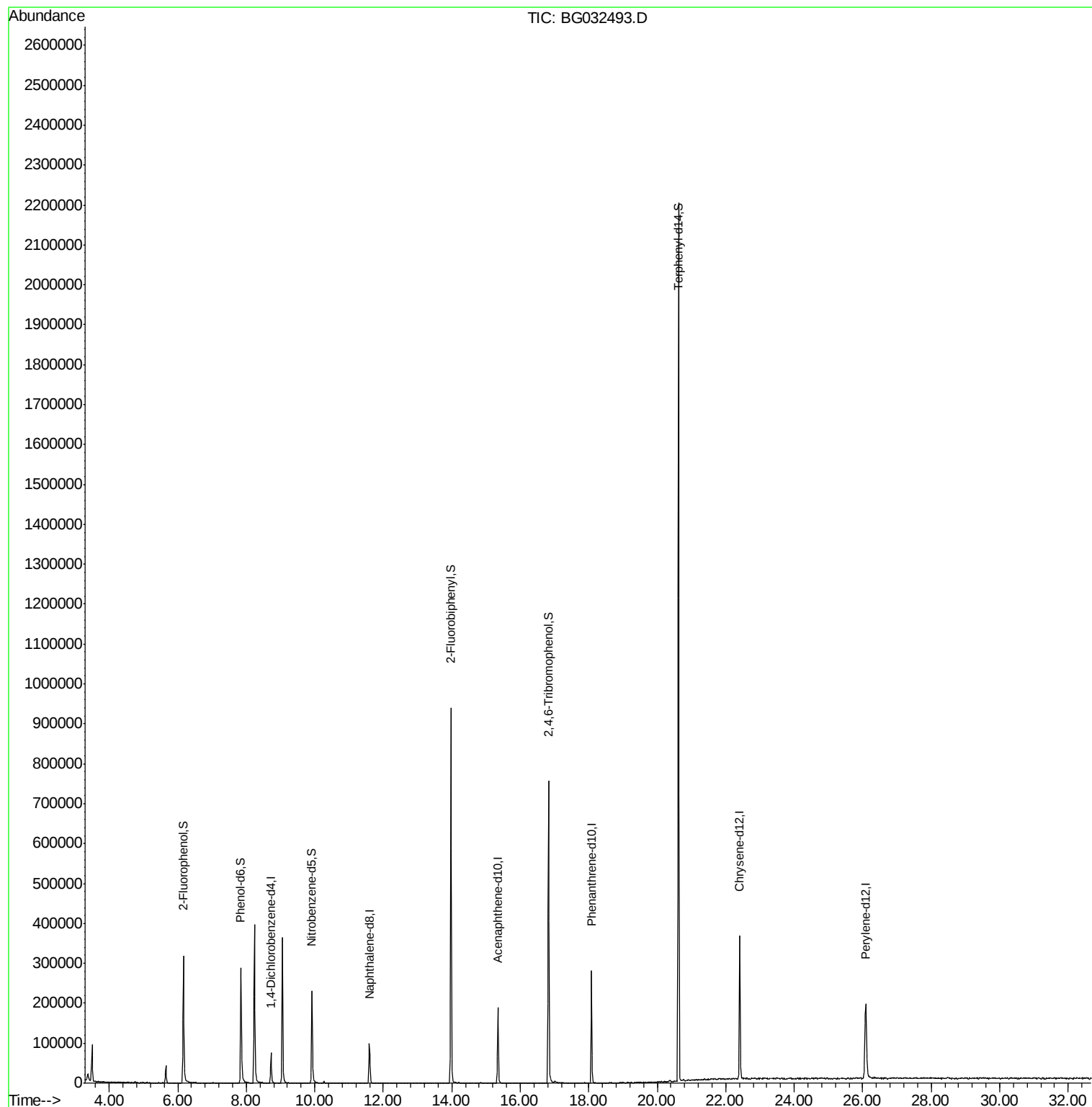
Target Compounds Qvalue

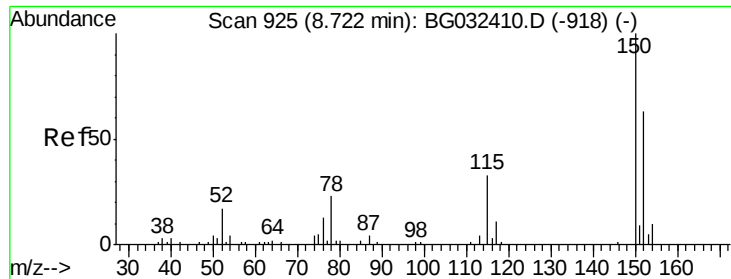
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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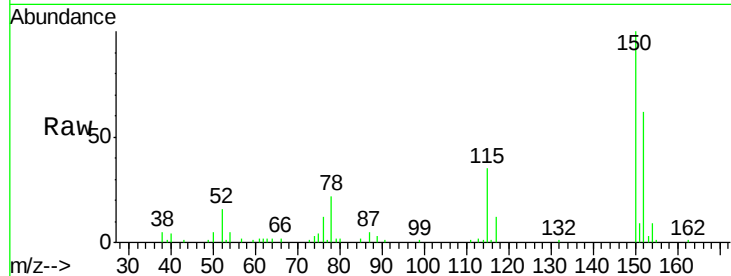


#1

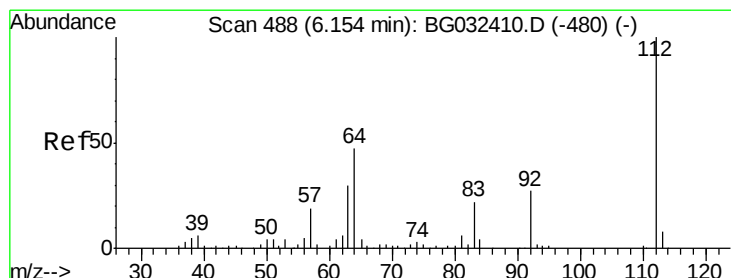
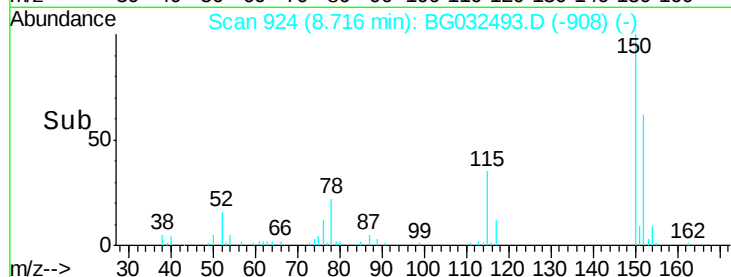
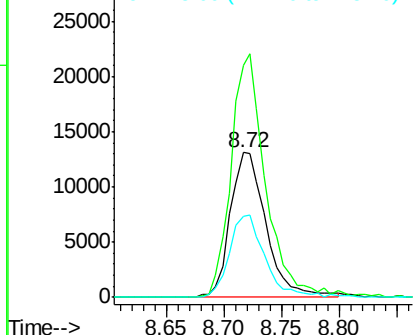
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG032493.D
Acq: 1 Feb 2018 17:13

Instrument :
BNA_G
ClientSampleId :
RT-1495

Tot Ion:152 Resp: 28262
Ion Ratio Lower Upper
152 100
150 160.6 126.6 189.8
115 56.4 53.0 79.4



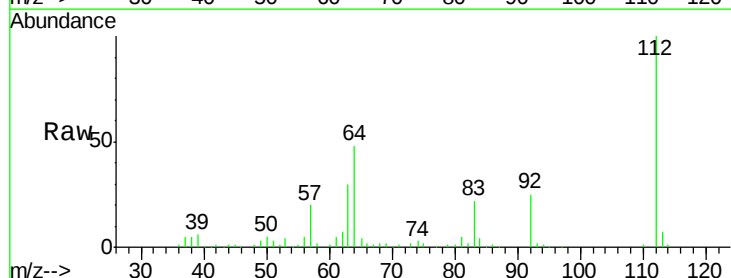
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



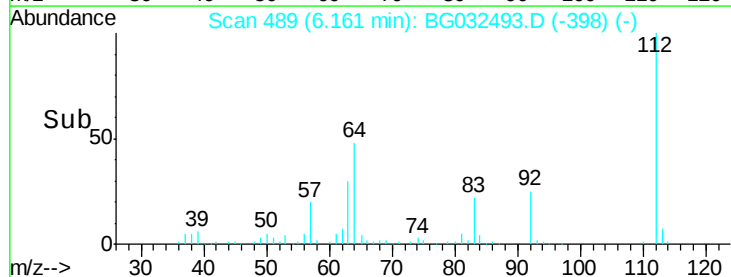
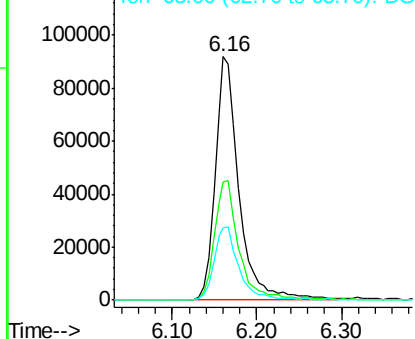
#5

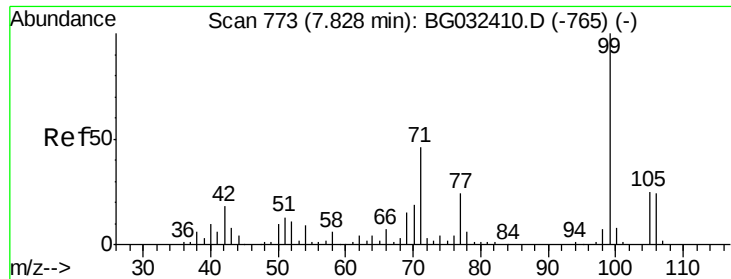
2-Fluorophenol
Concen: 127.938 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG032493.D
Acq: 1 Feb 2018 17:13

Tgt Ion:112 Resp: 180019
Ion Ratio Lower Upper
112 100
64 48.5 56.3 84.5#
63 29.6 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: 107.216 ng

RT: 7.84 min Scan# 775

Delta R.T. 0.01 min

Lab File: BG032493.D

Acq: 1 Feb 2018 17:13

Instrument :

BNA_G

ClientSampleId :

RT-1495

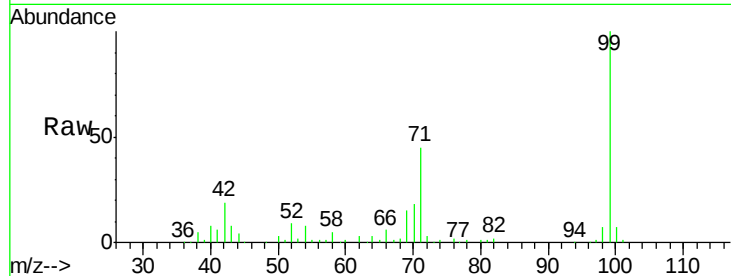
Tot Ion: 99 Resp: 201312

Ion Ratio Lower Upper

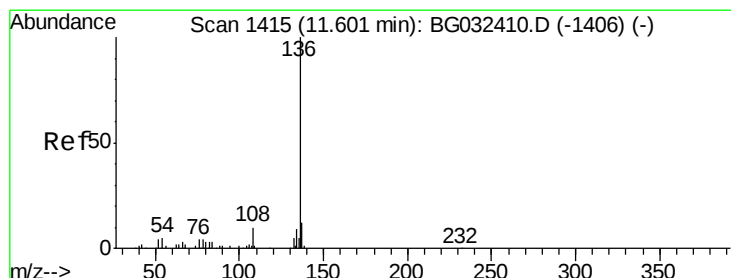
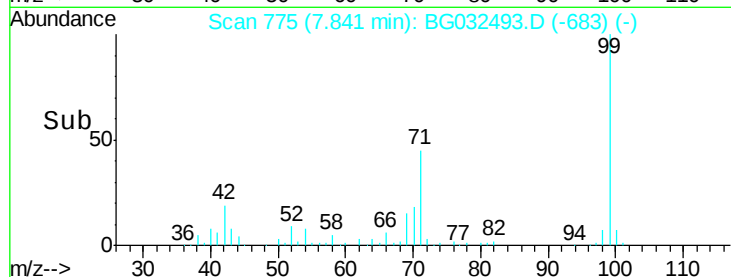
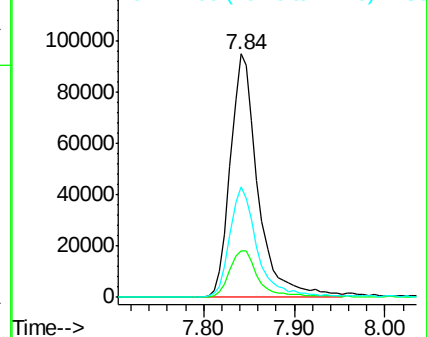
99 100

42 19.3 14.1 21.1

71 45.5 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: 11.60 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BG032493.D

Acq: 1 Feb 2018 17:13

Tgt Ion: 136 Resp: 107214

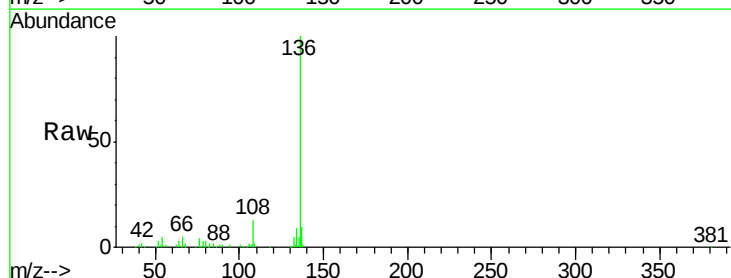
Ion Ratio Lower Upper

136 100

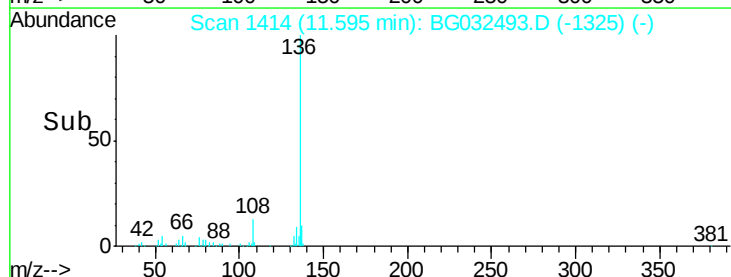
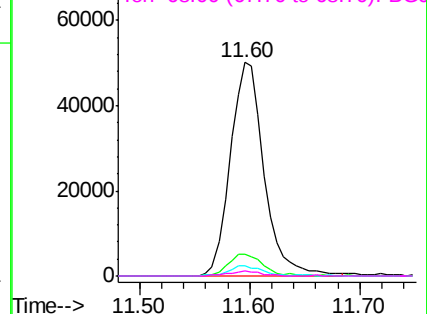
137 10.0 9.2 13.8

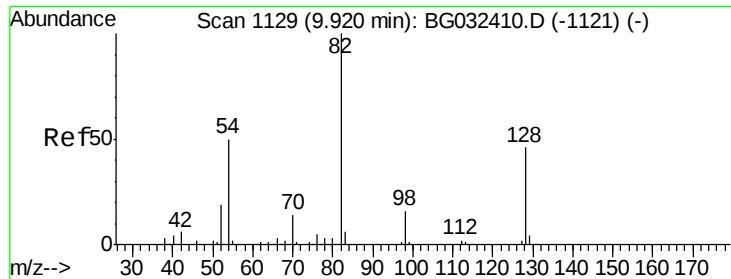
54 4.8 10.3 15.5#

68 2.4 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

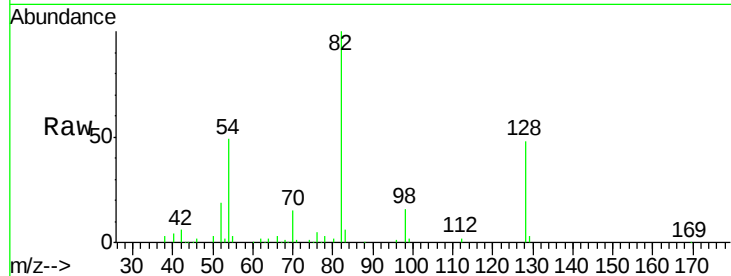




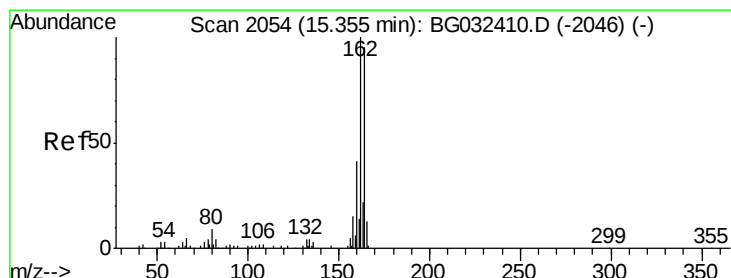
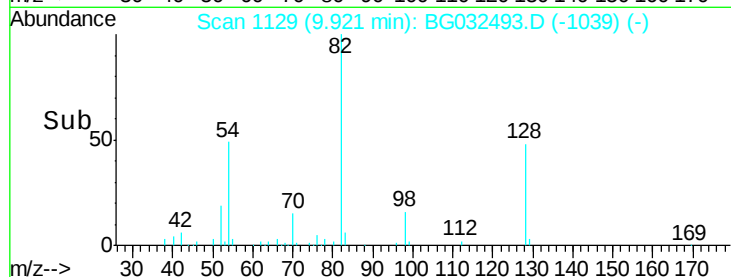
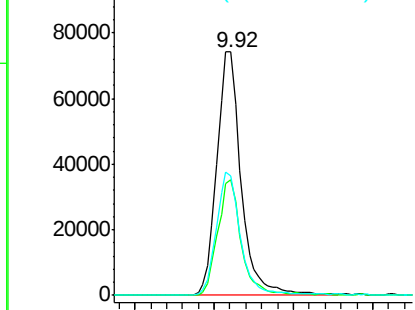
#23
Nitrobenzene-d5
Concen: 92.346 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BG032493.D
Acq: 1 Feb 2018 17:13

Instrument :
BNA_G
ClientSampleID :
RT-1495

Tot Ion	82	Resp	158513
Ion	Ratio	Lower	Upper
82	100		
128	47.6	29.7	44.5#
54	48.9	43.1	64.7

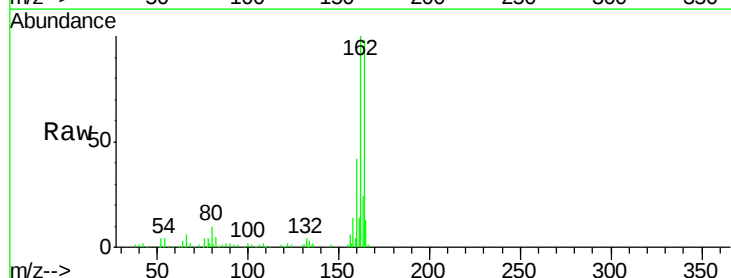


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

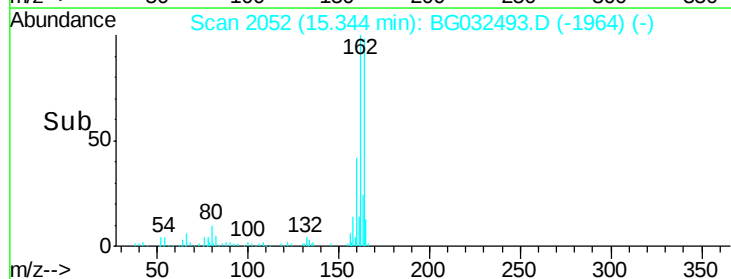
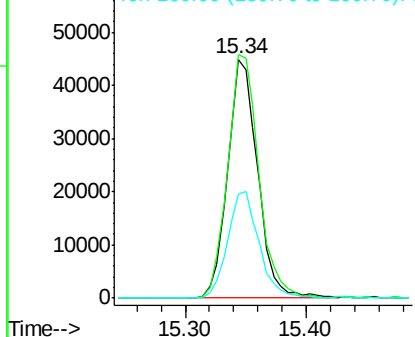


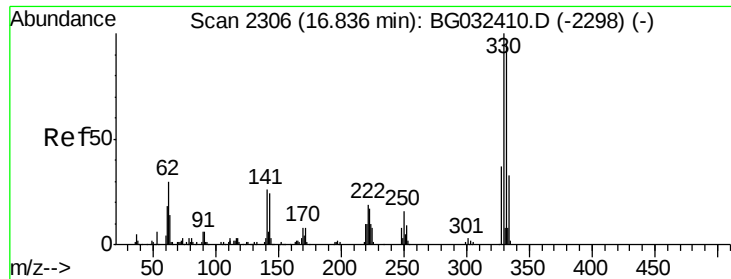
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032493.D
Acq: 1 Feb 2018 17:13

Tgt Ion	164	Resp	77296
Ion	Ratio	Lower	Upper
164	100		
162	101.9	78.8	118.2
160	43.3	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

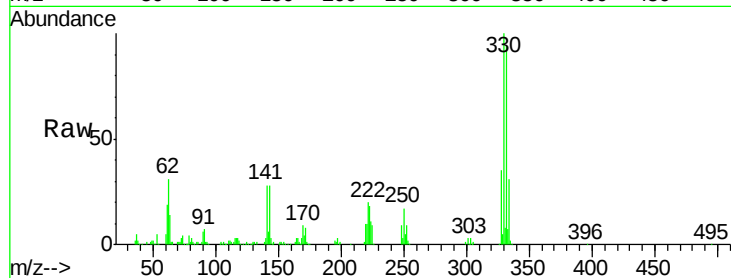




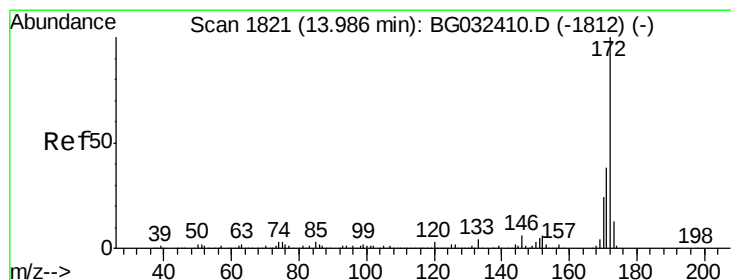
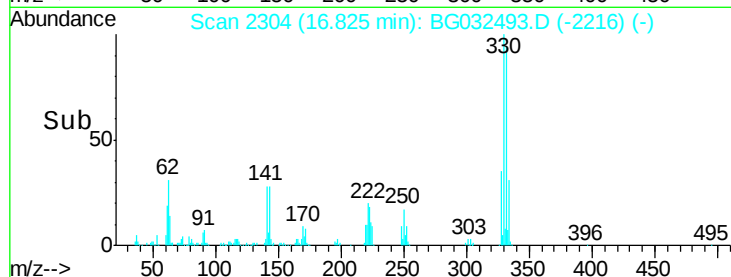
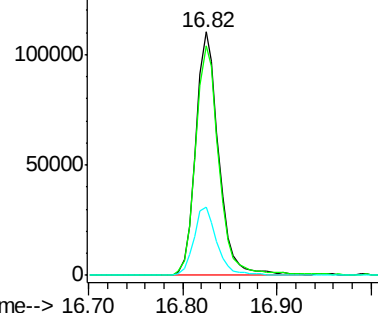
#41
 2,4,6-Tribromophenol
 Concen: 127.740 ng
 RT: 16.82 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032493.D
 Acq: 1 Feb 2018 17:13

Instrument :
 BNA_G
 ClientSampled :
 RT-1495

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	28.4	25.2	37.8

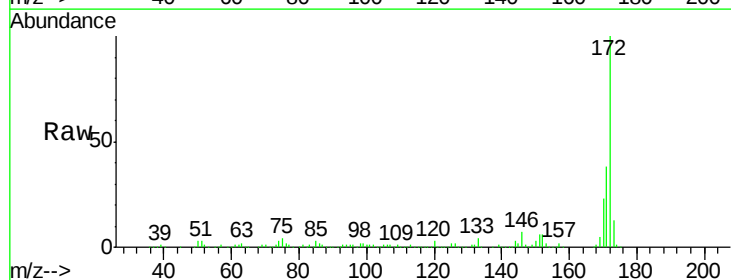


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

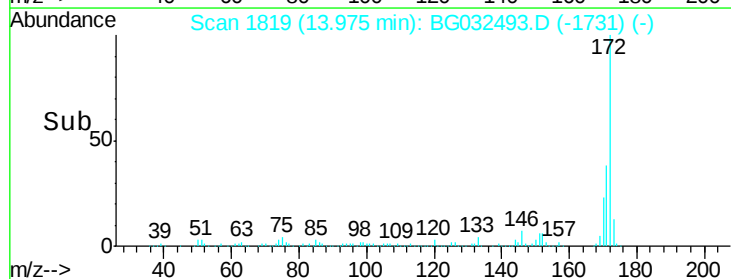
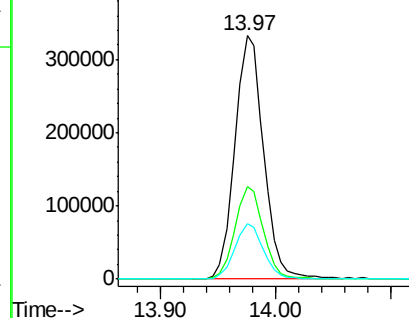


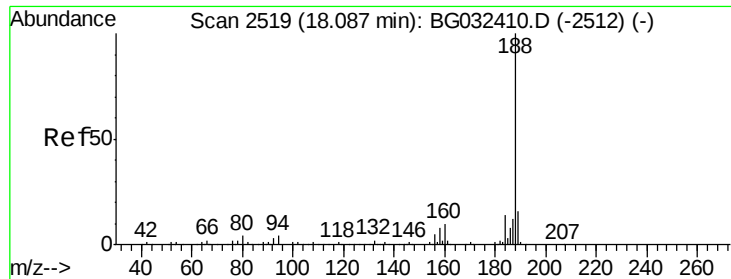
#44
 2-Fluorobiphenyl
 Concen: 88.186 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032493.D
 Acq: 1 Feb 2018 17:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	23.0	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

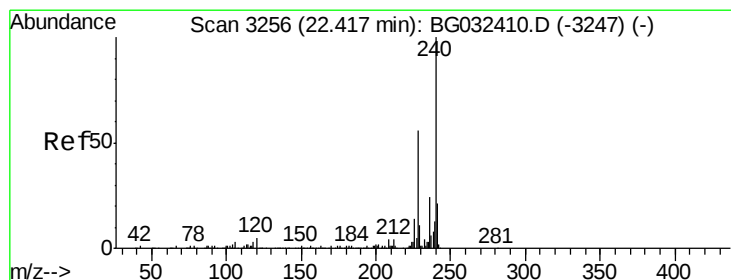
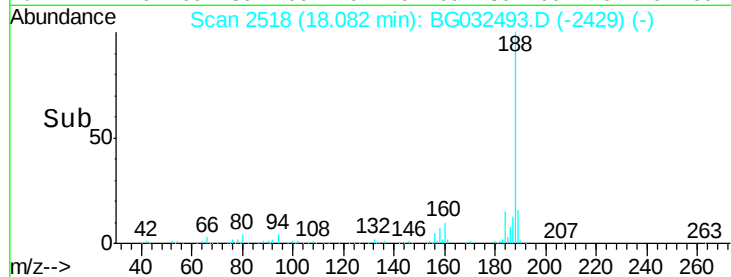
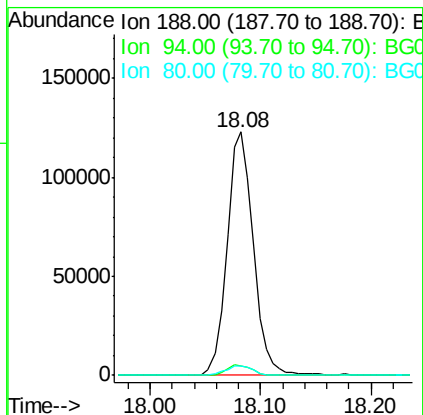
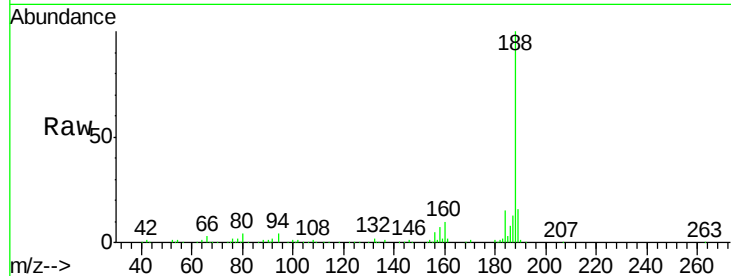




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2518
Delta R.T. -0.01 min
Lab File: BG032493.D
Acq: 1 Feb 2018 17:13

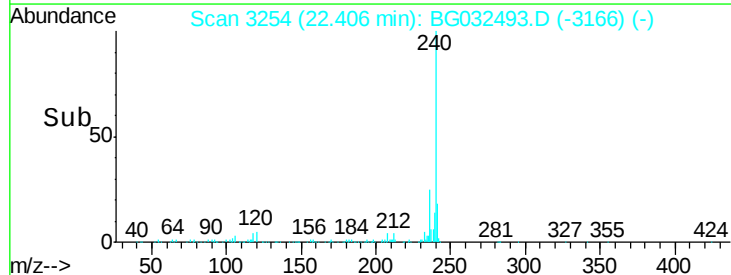
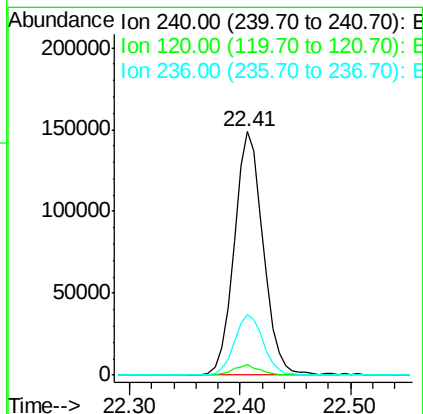
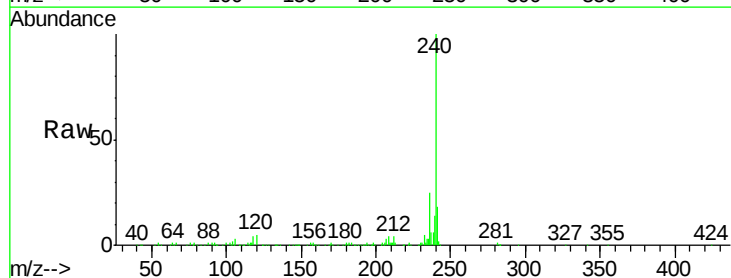
Instrument :
BNA_G
ClientSampleId :
RT-1495

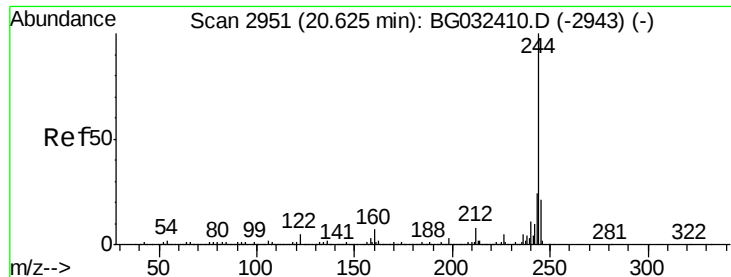
Tot Ion:188 Resp: 204829
Ion Ratio Lower Upper
188 100
94 3.6 6.9 10.3#
80 3.9 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032493.D
Acq: 1 Feb 2018 17:13

Tgt Ion:240 Resp: 272976
Ion Ratio Lower Upper
240 100
120 4.5 6.8 10.2#
236 25.0 20.9 31.3





#78

Terphenyl-d14

Concen: 93.848 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BG032493.D

Acq: 1 Feb 2018 17:13

Instrument :

BNA_G

ClientSampleId :

RT-1495

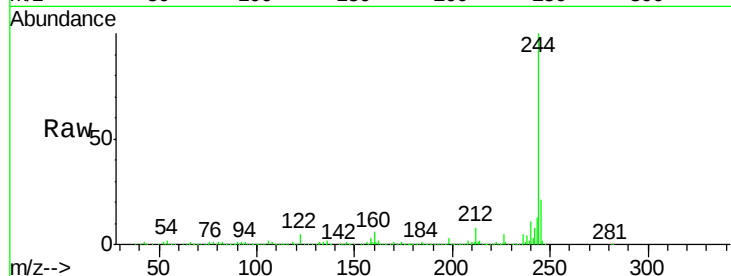
Tot Ion:244 Resp: 1195951

Ion Ratio Lower Upper

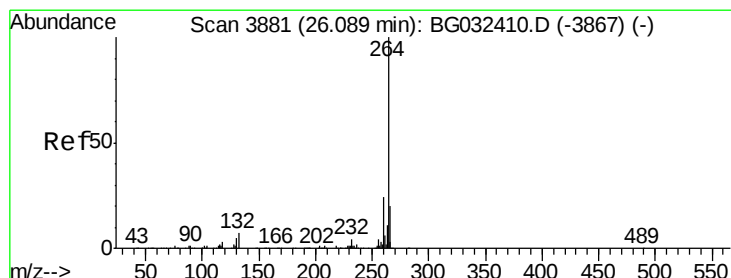
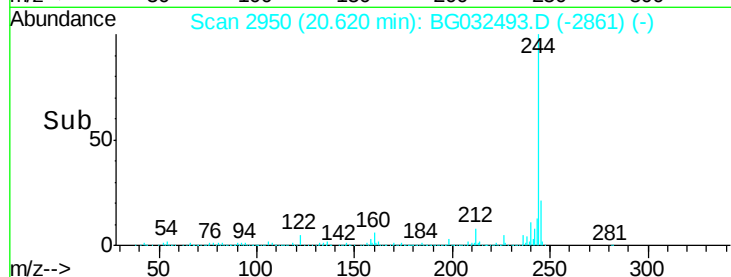
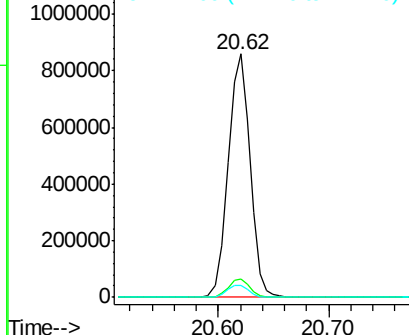
244 100

212 7.6 5.8 8.8

122 4.8 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: 26.09 min Scan# 3881

Delta R.T. 0.00 min

Lab File: BG032493.D

Acq: 1 Feb 2018 17:13

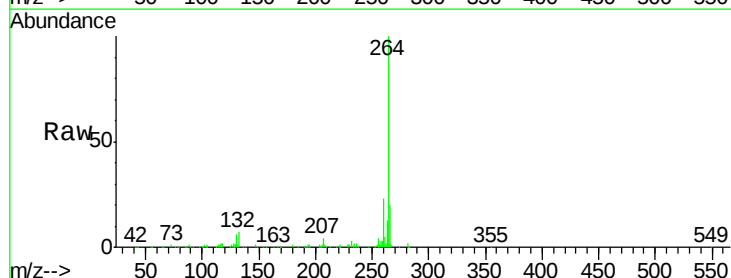
Tgt Ion:264 Resp: 285263

Ion Ratio Lower Upper

264 100

260 22.6 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

