

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032549.D
 Acq On : 6 Feb 2018 00:40
 Operator : SJ/JU
 Sample : J1442-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SECOND-FLOOR-CHASSIS-WASH

Quant Time: Feb 06 04:41:50 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

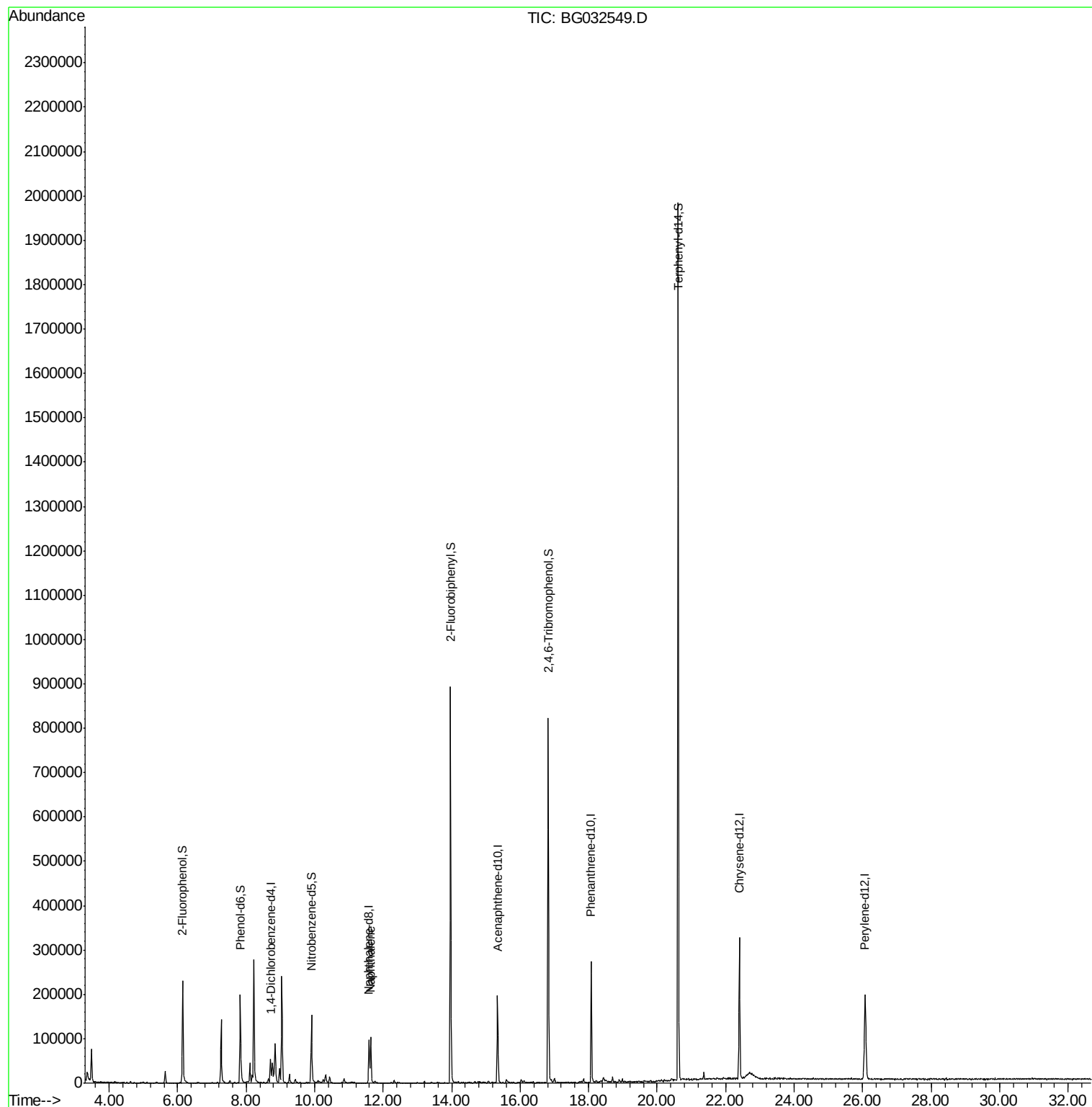
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	20663	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	99829	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	72723	20.00	ng	-0.01
63) Phenanthrene-d10	18.07	188	191362	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	249681	20.00	ng	-0.01
86) Perylene-d12	26.08	264	269612	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	127184	123.63	ng	0.00
7) Phenol-d6	7.83	99	140225	102.15	ng	0.00
23) Nitrobenzene-d5	9.90	82	107180	67.06	ng	-0.02
41) 2,4,6-Tribromophenol	16.82	330	210098	151.77	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	540819	88.39	ng	-0.02
78) Terphenyl-d14	20.62	244	1096178	94.04	ng	0.00
Target Compounds						
31) Naphthalene	11.64	128	105730	21.685	ng	Qvalue 98

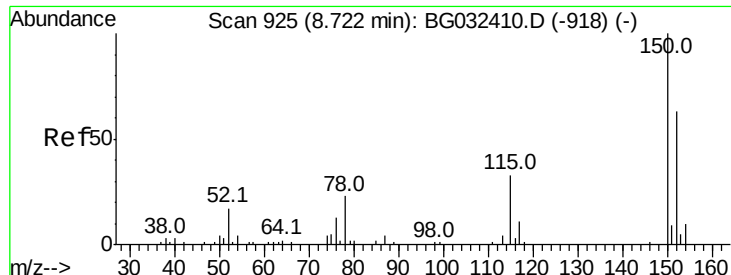
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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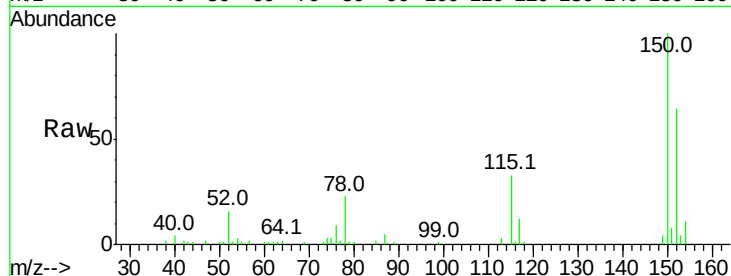


#1

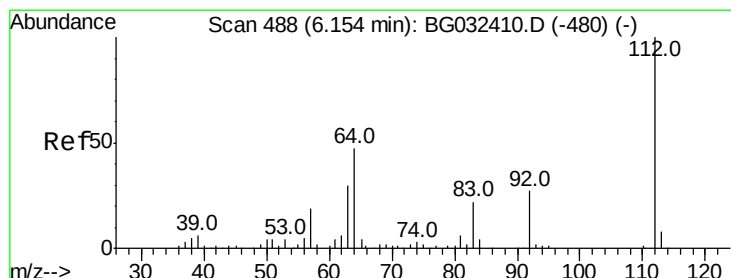
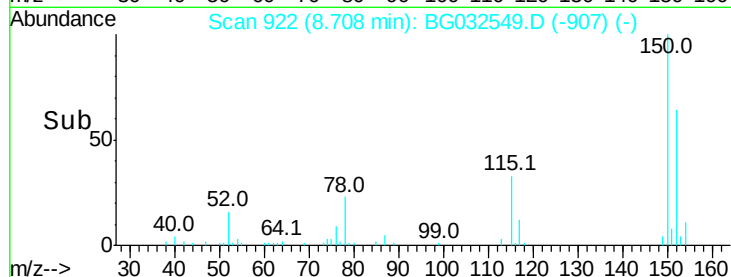
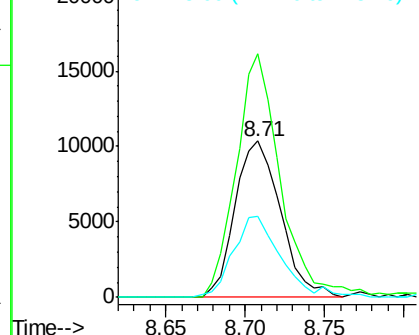
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG032549.D
Acq: 6 Feb 2018 00:40

Instrument :
BNA_G
ClientSampleId :
SECOND-FLOOR-CHASSIS-WASH

Tot Ion:152 Resp: 20663
Ion Ratio Lower Upper
152 100
150 155.7 126.6 189.8
115 51.9 53.0 79.4#



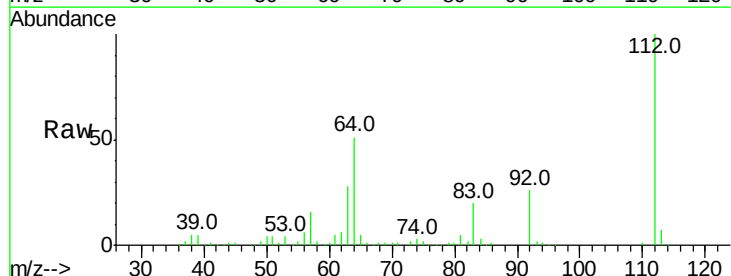
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



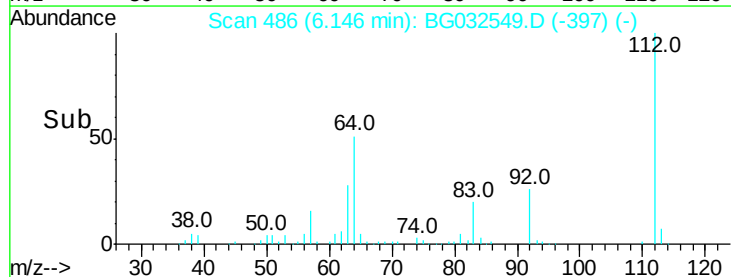
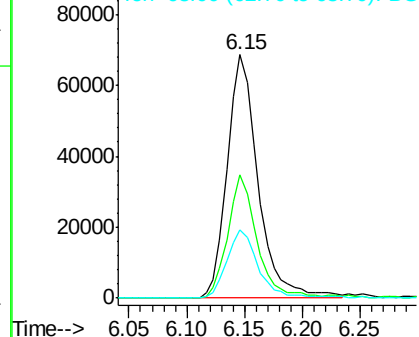
#5

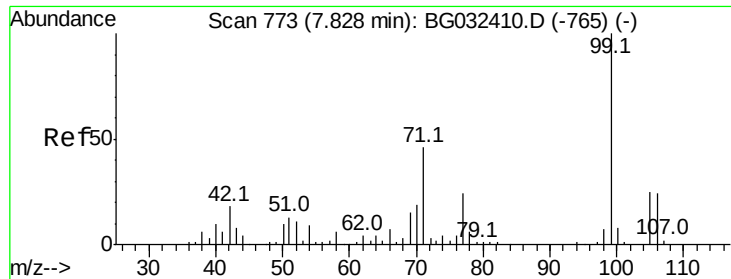
2-Fluorophenol
Concen: 123.630 ng
RT: 6.15 min Scan# 486
Delta R.T. -0.01 min
Lab File: BG032549.D
Acq: 6 Feb 2018 00:40

Tgt Ion:112 Resp: 127184
Ion Ratio Lower Upper
112 100
64 50.5 56.3 84.5#
63 28.1 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: 102.147 ng

RT: 7.83 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG032549.D

Acq: 6 Feb 2018 00:40

Instrument :

BNA_G

ClientSampleId :

SECOND-FLOOR-CHASSIS-WASH

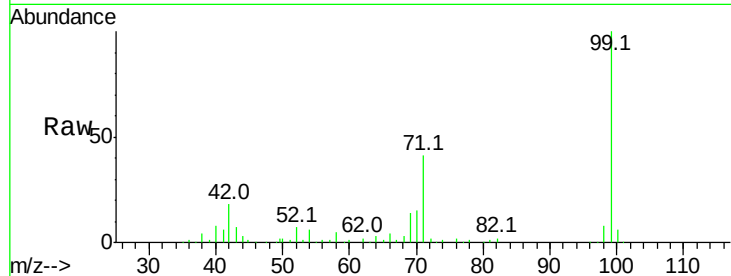
Tot Ion: 99 Resp: 140225

Ion Ratio Lower Upper

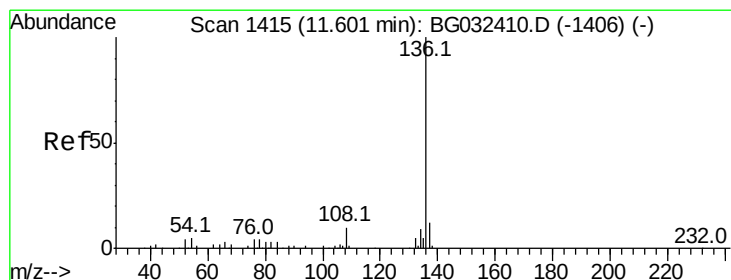
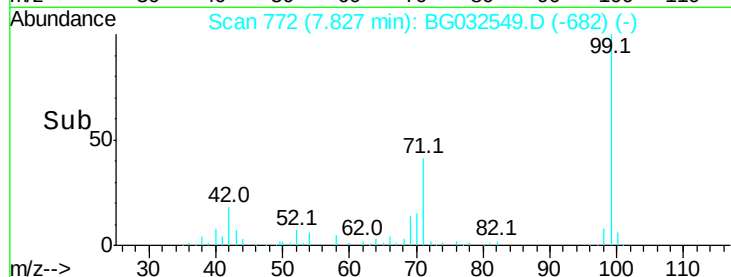
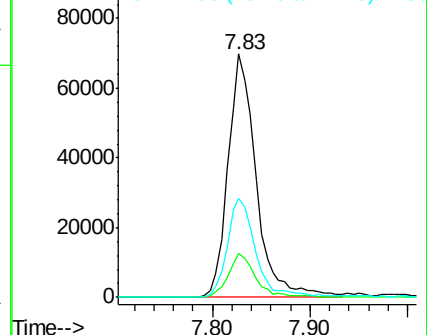
99 100

42 17.8 14.1 21.1

71 40.6 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# 1412

Delta R.T. -0.01 min

Lab File: BG032549.D

Acq: 6 Feb 2018 00:40

Tgt Ion: 136 Resp: 99829

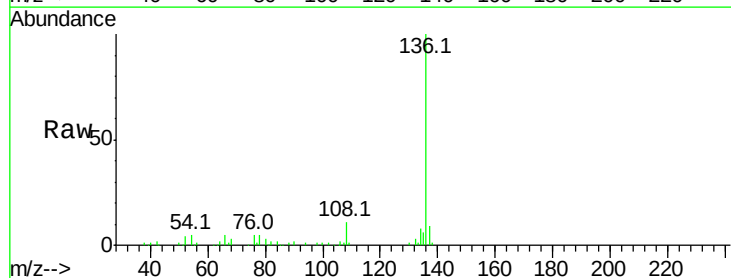
Ion Ratio Lower Upper

136 100

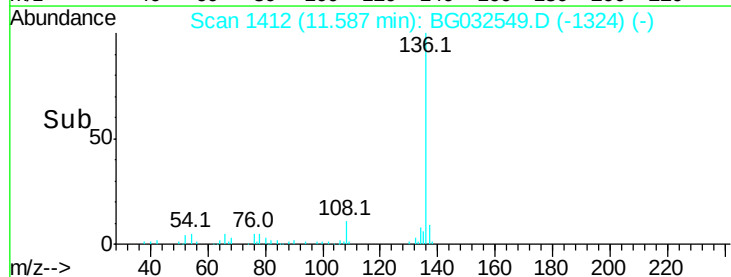
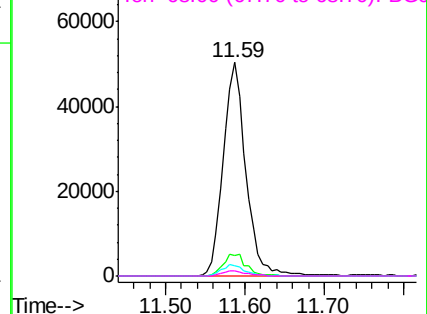
137 9.4 9.2 13.8

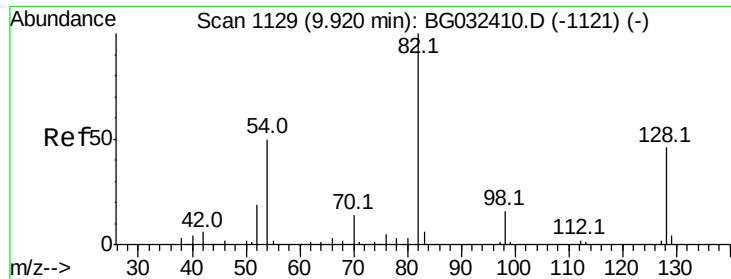
54 4.9 10.3 15.5#

68 2.6 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

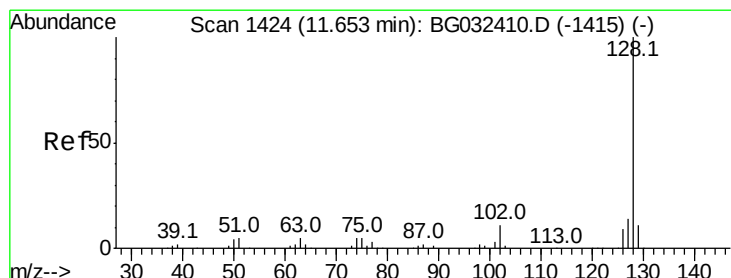
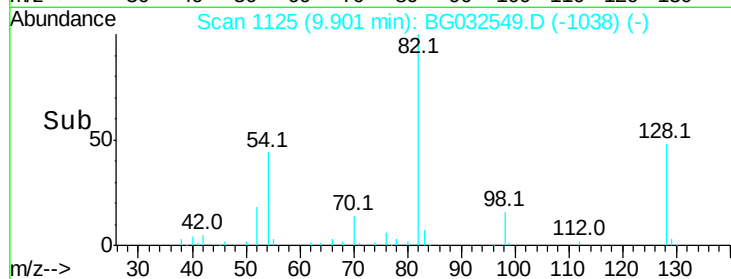
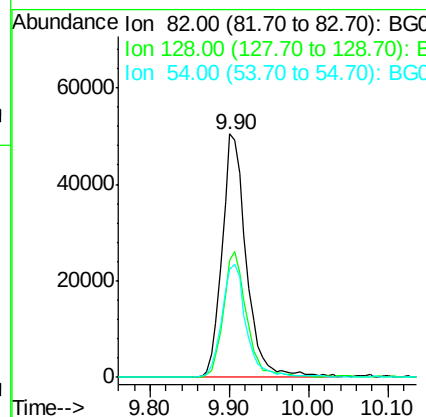
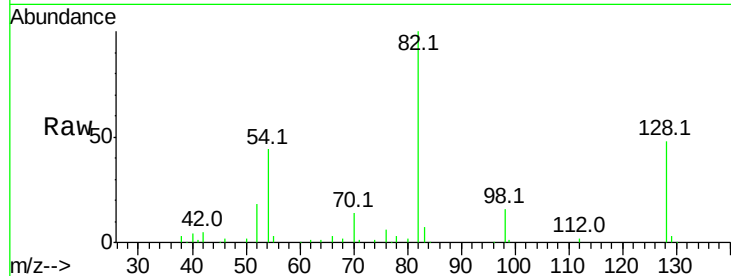




#23
 Nitrobenzene-d5
 Concen: 67.060 ng
 RT: 9.90 min Scan# 1125
 Delta R.T. -0.02 min
 Lab File: BG032549.D
 Acq: 6 Feb 2018 00:40

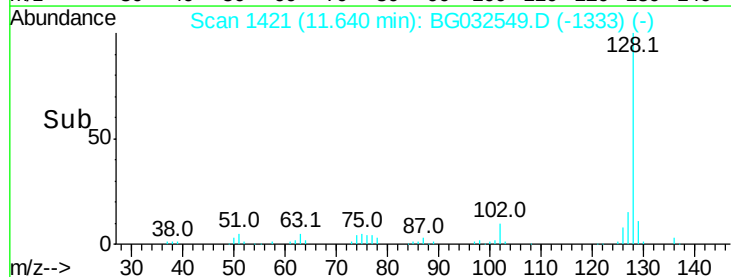
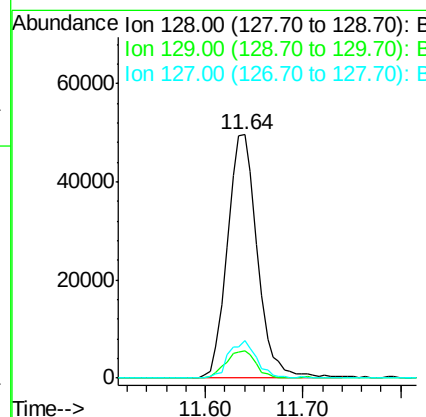
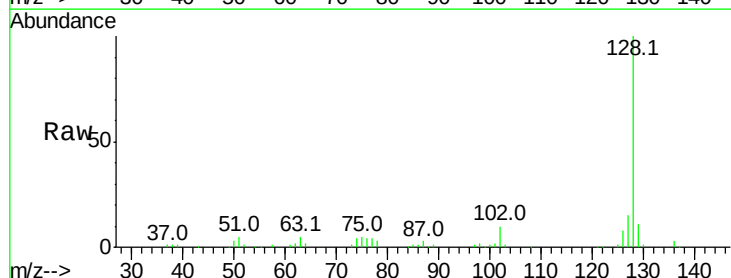
Instrument :
 BNA_G
 ClientSampleId :
 SECOND-FLOOR-CHASSIS-WASH

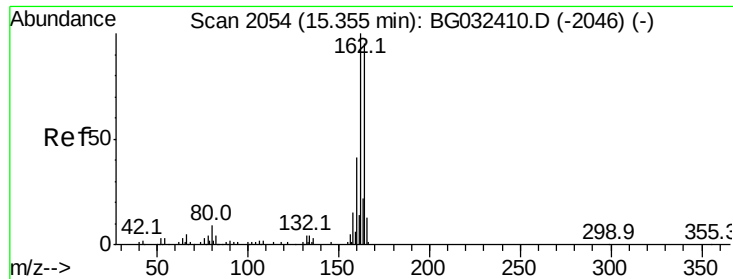
Tot Ion: 82 Resp: 107180
 Ion Ratio Lower Upper
 82 100
 128 48.1 29.7 44.5#
 54 44.2 43.1 64.7



#31
 Naphthalene
 Concen: 21.685 ng
 RT: 11.64 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BG032549.D
 Acq: 6 Feb 2018 00:40

Tgt Ion: 128 Resp: 105730
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.6 12.8
 127 15.4 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG032549.D

Acq: 6 Feb 2018 00:40

Instrument :

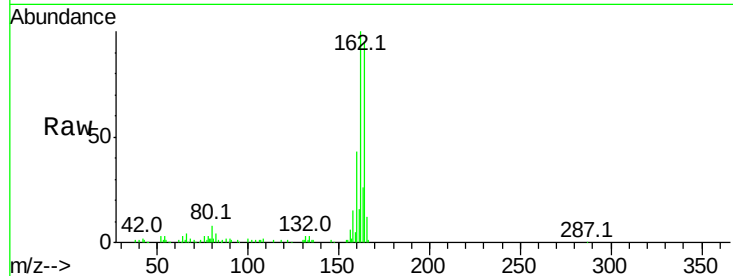
BNA_G

ClientSampleId :

SECOND-FLOOR-CHASSIS-WASH

Tot Ion:164 Resp: 72723

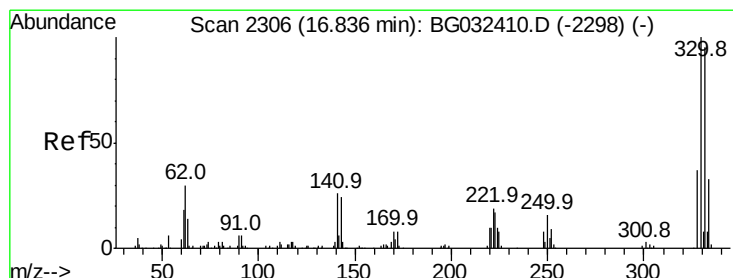
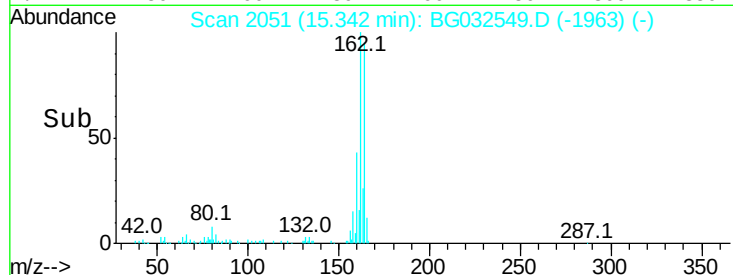
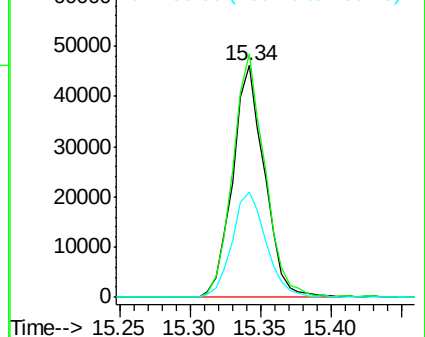
Ion	Ratio	Lower	Upper
164	100		
162	105.1	78.8	118.2
160	45.2	35.4	53.0



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: 151.774 ng

RT: 16.82 min Scan# 2303

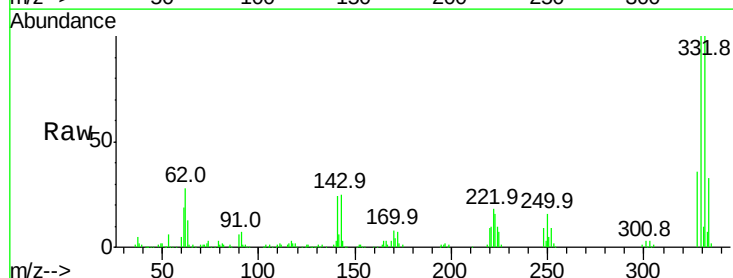
Delta R.T. -0.01 min

Lab File: BG032549.D

Acq: 6 Feb 2018 00:40

Tgt Ion:330 Resp: 210098

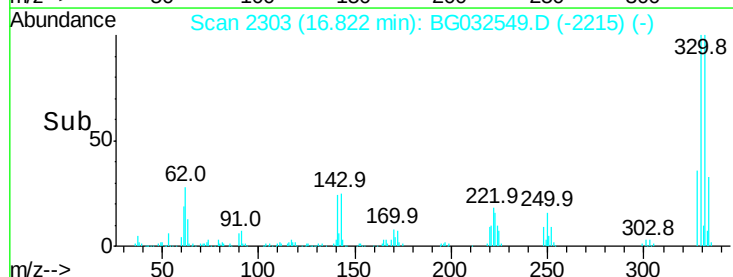
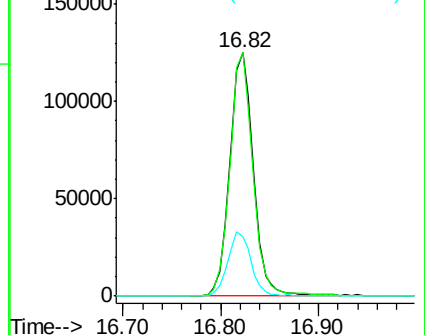
Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	26.0	25.2	37.8

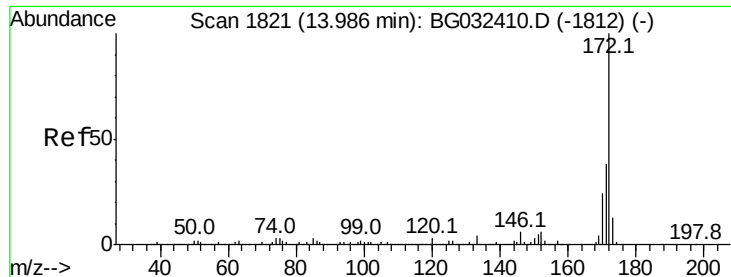


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

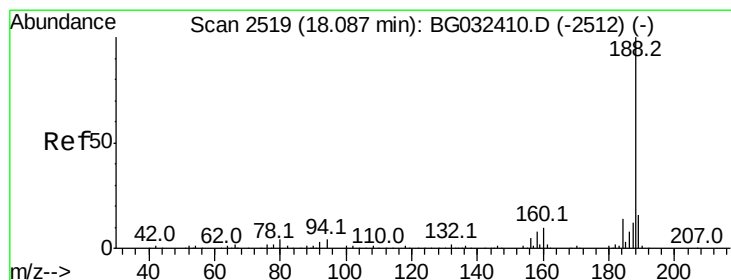
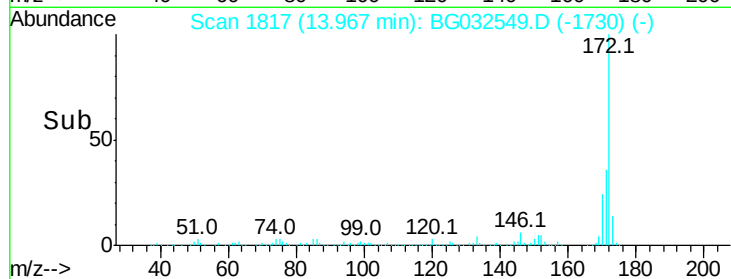
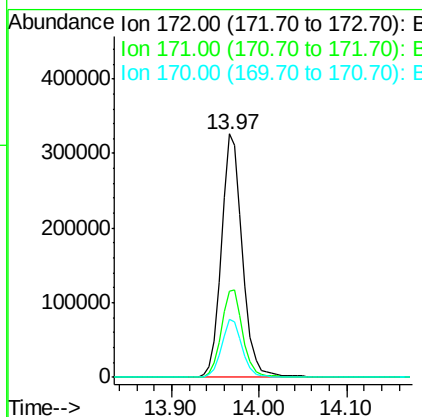
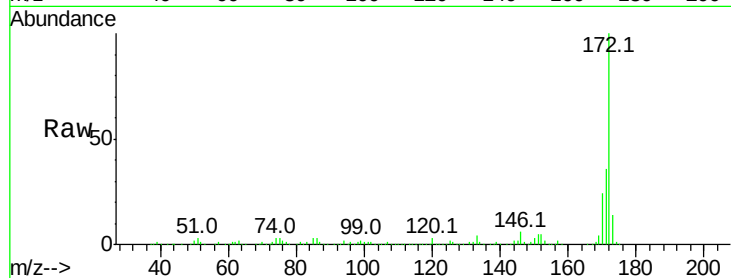




#44
 2-Fluorobiphenyl
 Concen: 88.390 ng
 RT: 13.97 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BG032549.D
 Acq: 6 Feb 2018 00:40

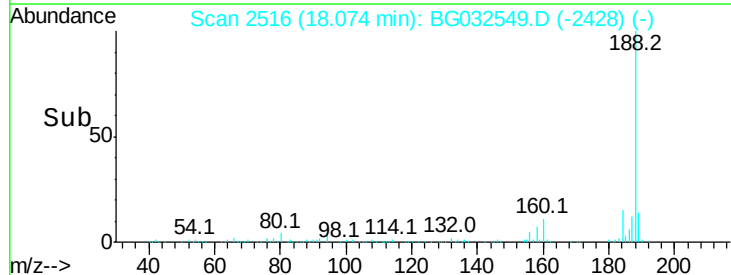
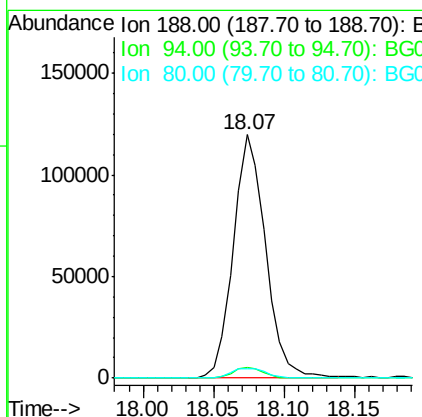
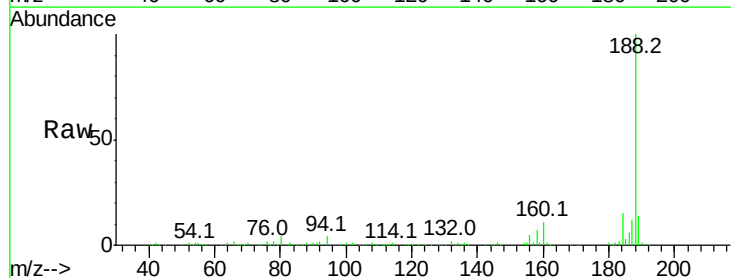
Instrument :
 BNA_G
 ClientSampleId :
 SECOND-FLOOR-CHASSIS-WASH

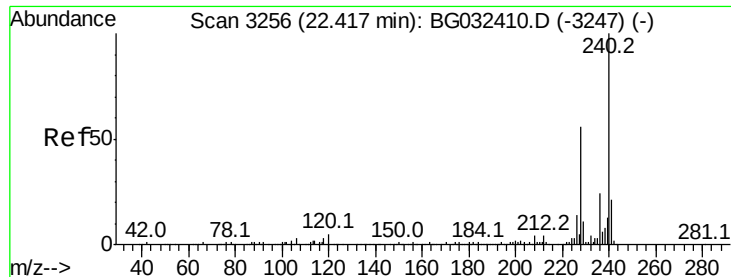
Tot Ion:172 Resp: 540819
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.0 45.0
 170 23.7 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.07 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BG032549.D
 Acq: 6 Feb 2018 00:40

Tgt Ion:188 Resp: 191362
 Ion Ratio Lower Upper
 188 100
 94 4.2 6.9 10.3#
 80 3.9 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3253

Delta R.T. -0.01 min

Lab File: BG032549.D

Acq: 6 Feb 2018 00:40

Instrument :

BNA_G

ClientSampleId :

SECOND-FLOOR-CHASSIS-WASH

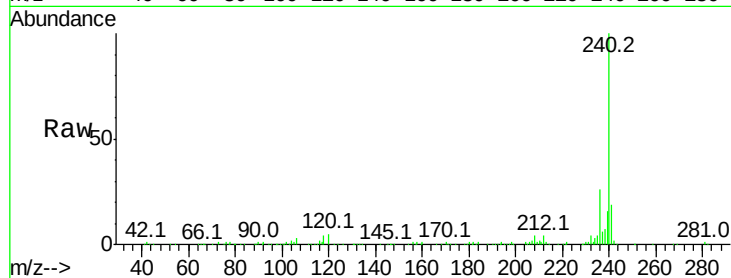
Tot Ion:240 Resp: 249681

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

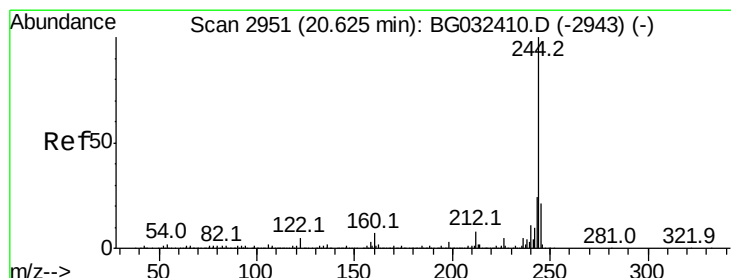
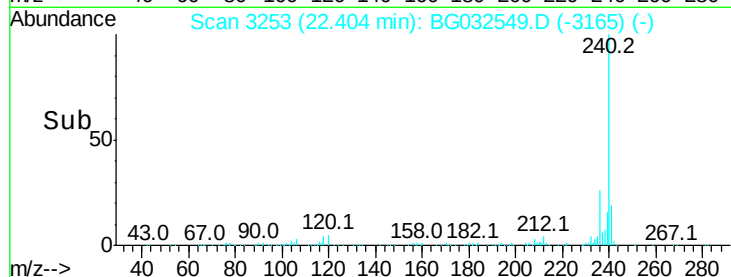
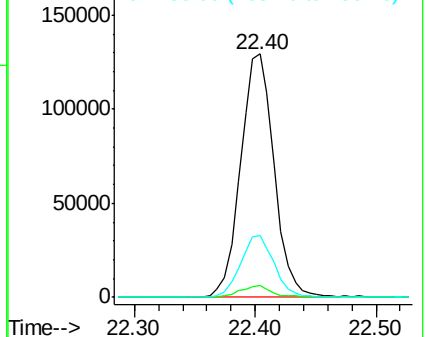
236 25.6 20.9 31.3



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: 94.044 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032549.D

Acq: 6 Feb 2018 00:40

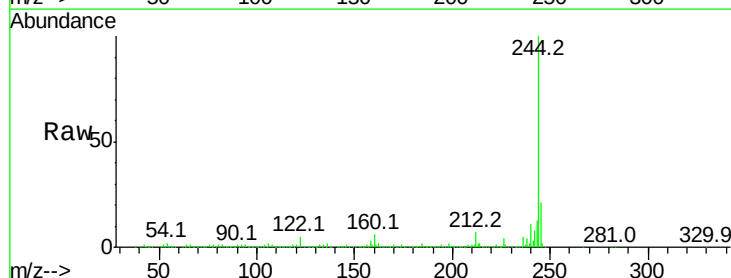
Tgt Ion:244 Resp: 1096178

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

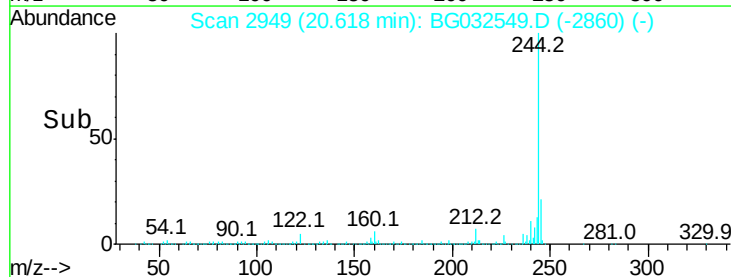
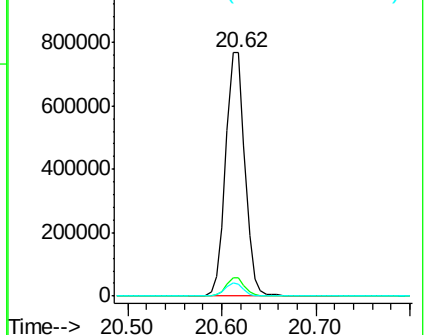
122 5.1 7.0 10.4#

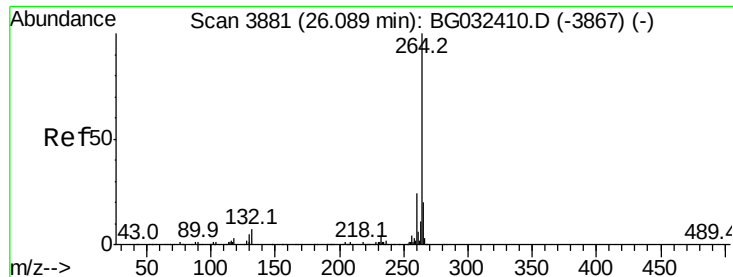


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.08 min Scan# 3878
Delta R.T. -0.01 min
Lab File: BG032549.D
Acq: 6 Feb 2018 00:40

Instrument :
BNA_G
ClientSampleId :
SECOND-FLOOR-CHASSIS-WASH

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.3	17.4	26.0
265	19.4	17.7	26.5

