

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
 Data File : BG032499.D
 Acq On : 1 Feb 2018 21:00
 Operator : SJ/JU
 Sample : J1405-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-08(4-&-15-TRENCH-E-OF-ST-MH)

Quant Time: Feb 02 03:05:54 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

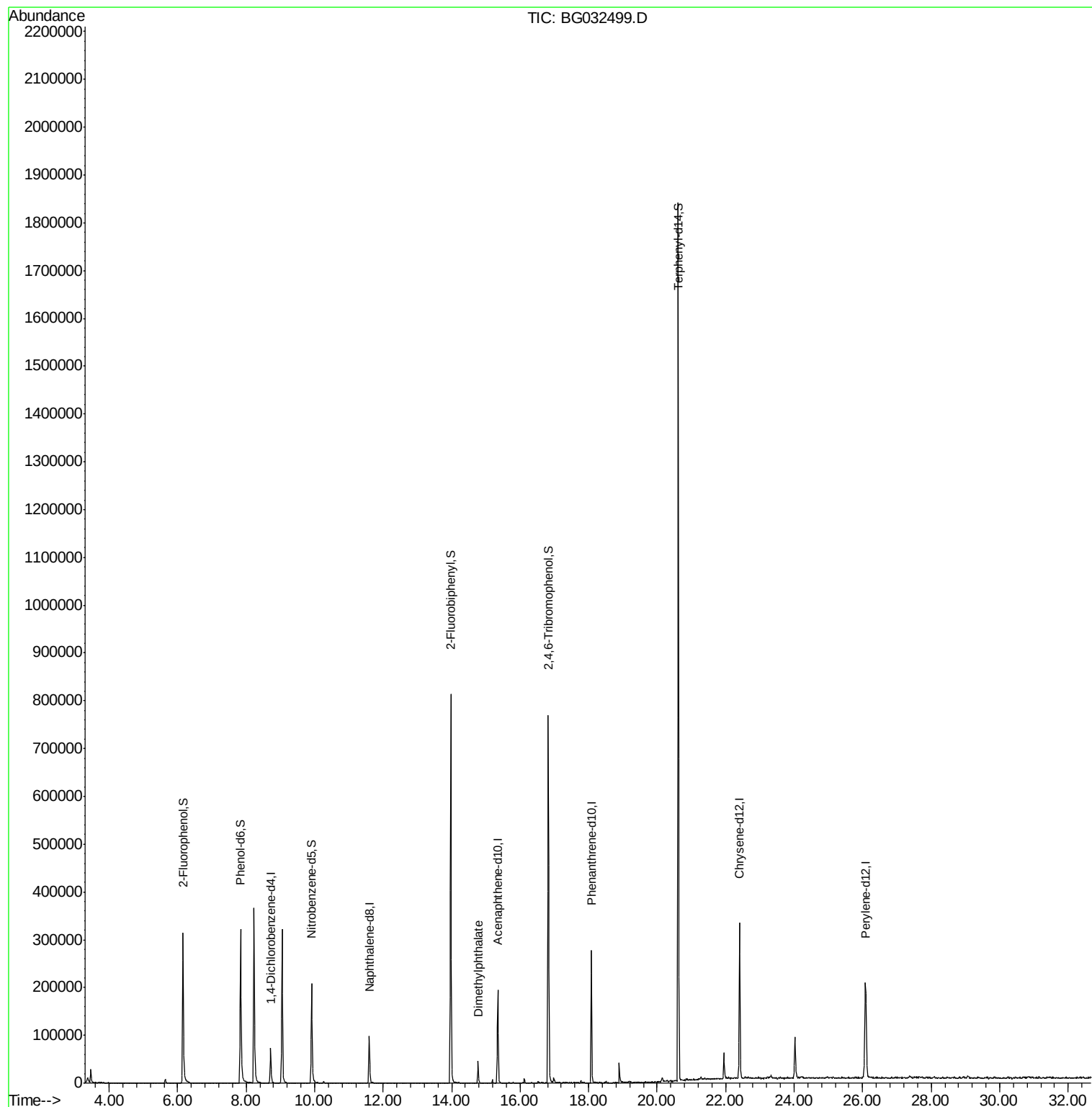
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	27744	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	103348	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	75170	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	201767	20.00	ng	0.00
75) Chrysene-d12	22.41	240	251416	20.00	ng	0.00
86) Perylene-d12	26.09	264	278080	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	183538	132.87	ng	0.00
7) Phenol-d6	7.84	99	229088	124.29	ng	0.00
23) Nitrobenzene-d5	9.91	82	144653	87.42	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	191819	134.06	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	510890	80.78	ng	-0.01
78) Terphenyl-d14	20.62	244	947789	80.75	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.77	163	37891	5.467	ng	Qvalue # 97

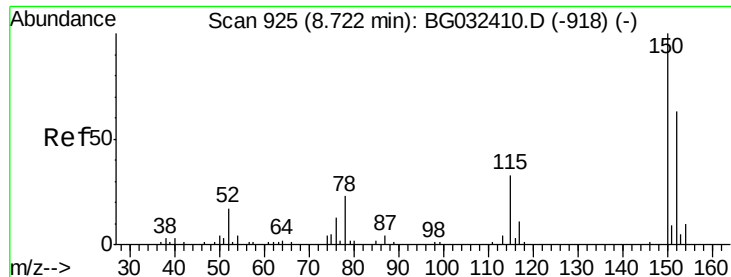
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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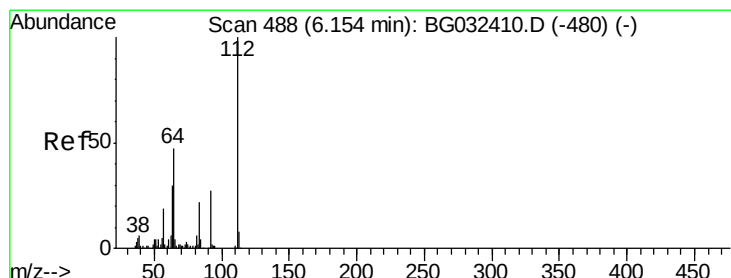
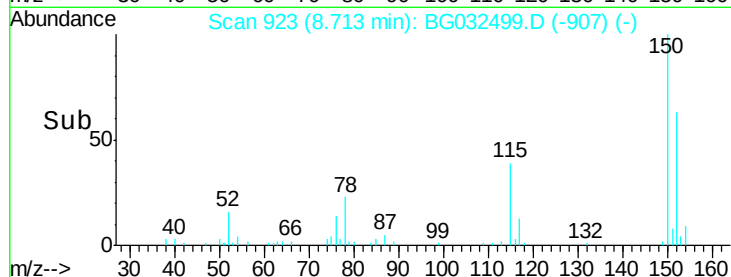
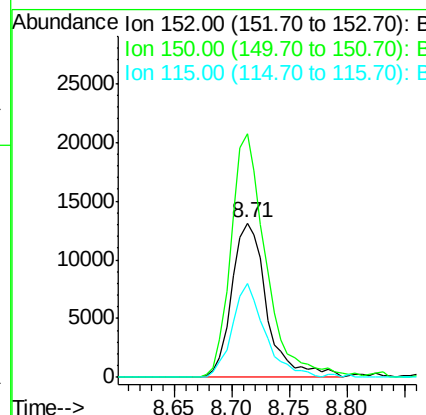
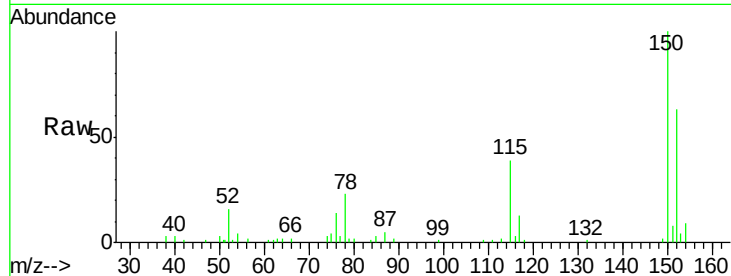


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032499.D
Acq: 1 Feb 2018 21:00

Instrument :
BNA_G
ClientSampleId :
TP-08(4-&-15-TRENCH-E-OF-ST-MH)

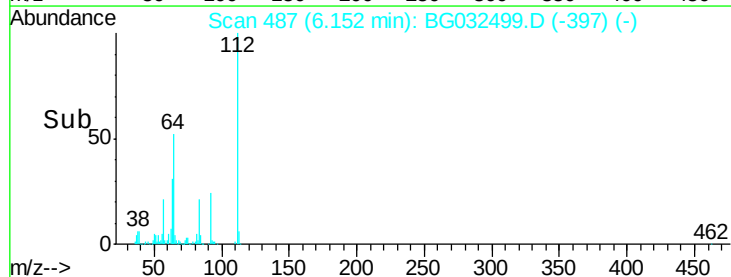
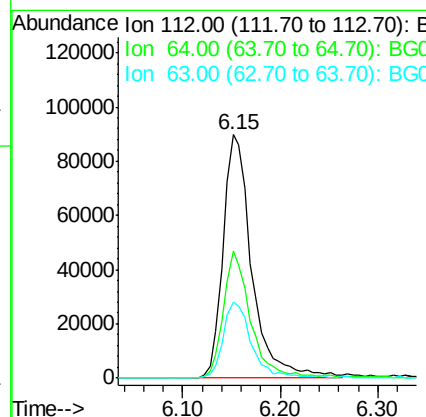
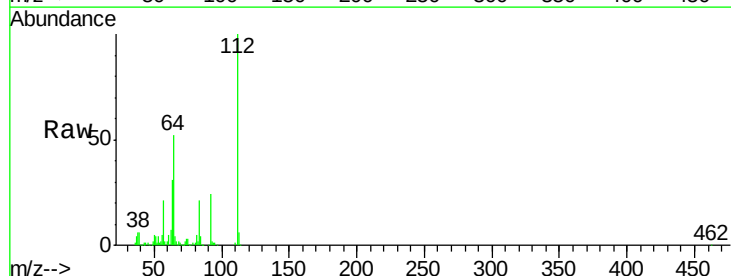
Tot Ion:152 Resp: 27744
Ion Ratio Lower Upper
152 100
150 157.9 126.6 189.8
115 60.9 53.0 79.4

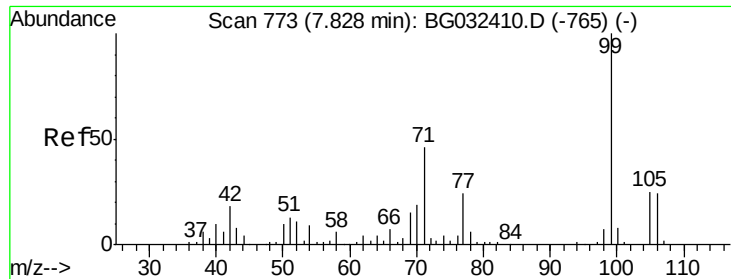


#5

2-Fluorophenol
Concen: 132.874 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG032499.D
Acq: 1 Feb 2018 21:00

Tgt Ion:112 Resp: 183538
Ion Ratio Lower Upper
112 100
64 52.4 56.3 84.5#
63 31.4 30.1 45.1





#7

Phenol-d6

Concen: 124.287 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032499.D

Acq: 1 Feb 2018 21:00

Instrument :

BNA_G

ClientSampleId :

TP-08(4-&-15-TRENCH-E-OF-ST-MH

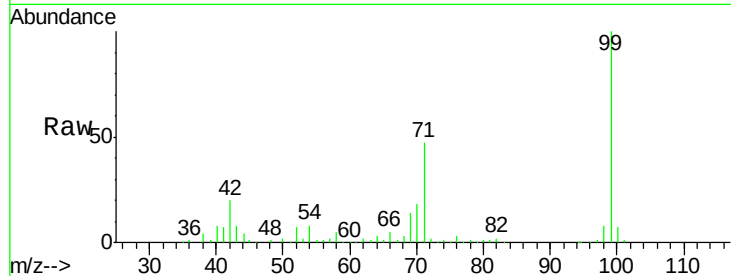
Tot Ion: 99 Resp: 229088

Ion Ratio Lower Upper

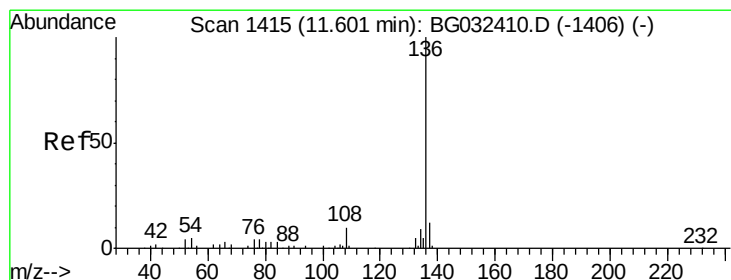
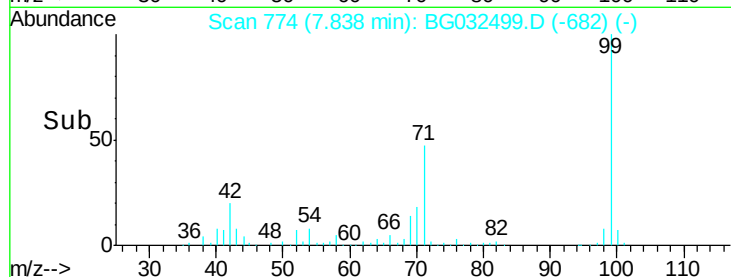
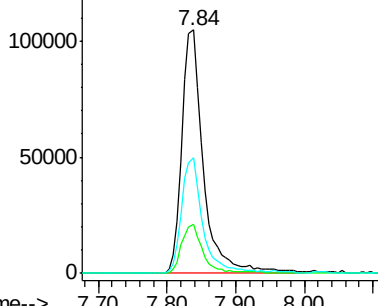
99 100

42 20.0 14.1 21.1

71 47.5 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: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032499.D

Acq: 1 Feb 2018 21:00

Tgt Ion: 136 Resp: 103348

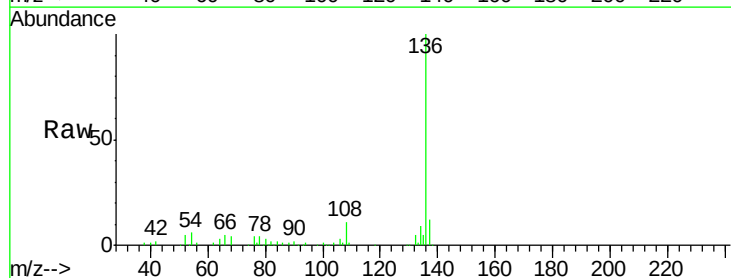
Ion Ratio Lower Upper

136 100

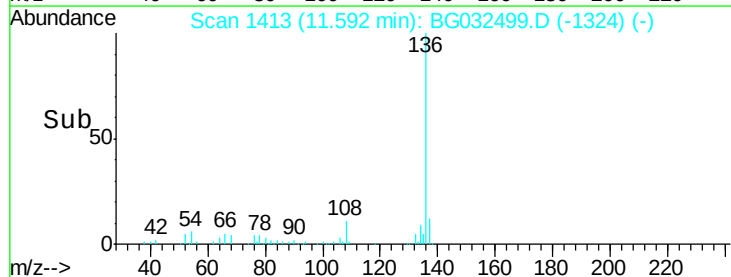
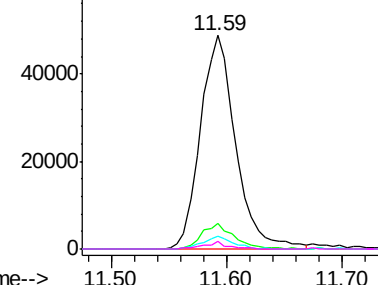
137 11.9 9.2 13.8

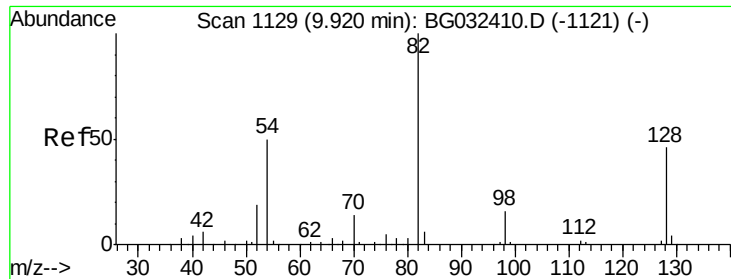
54 5.7 10.3 15.5#

68 3.9 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

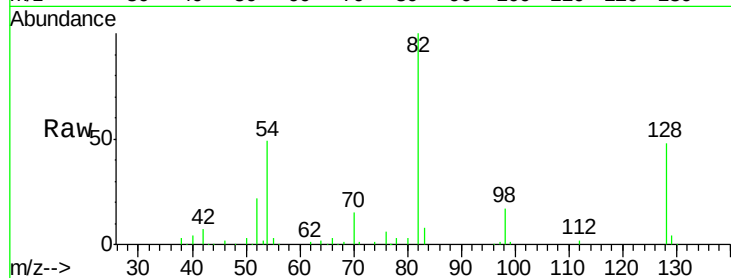




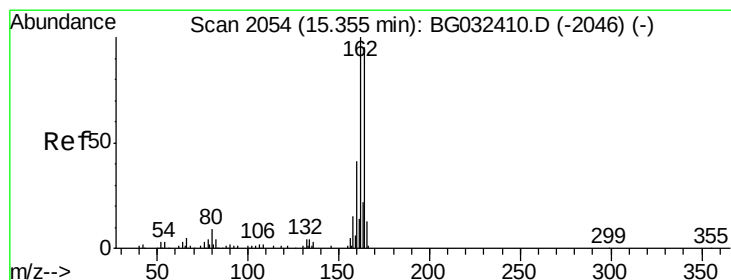
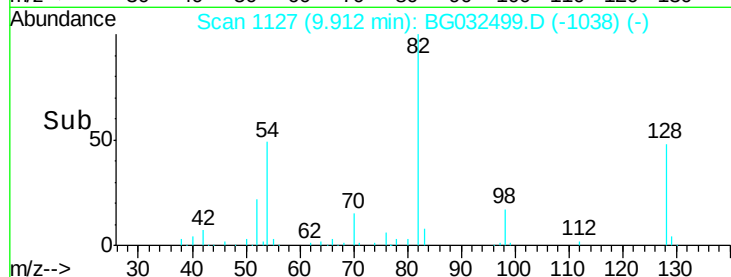
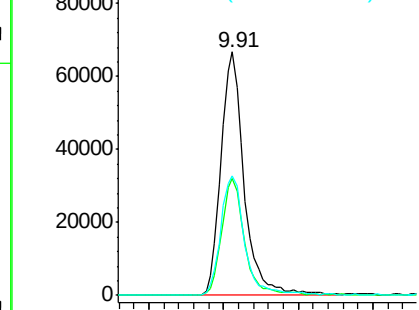
#23
 Nitrobenzene-d5
 Concen: 87.424 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032499.D
 Acq: 1 Feb 2018 21:00

Instrument :
 BNA_G
 ClientSampleId :
 TP-08(4-&-15-TRENCH-E-OF-ST-MH)

Tot Ion: 82 Resp: 144653
 Ion Ratio Lower Upper
 82 100
 128 48.0 29.7 44.5#
 54 49.1 43.1 64.7

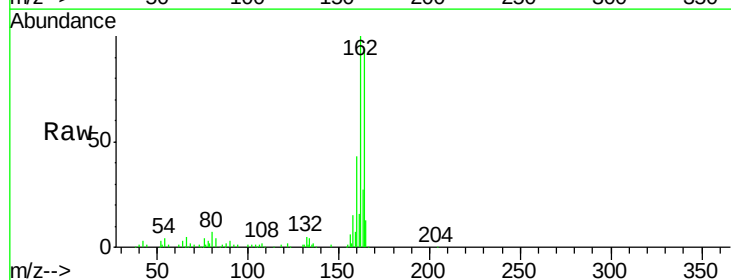


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

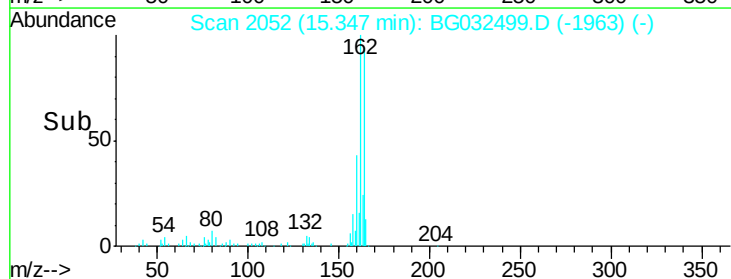
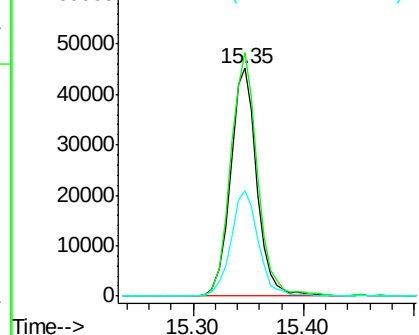


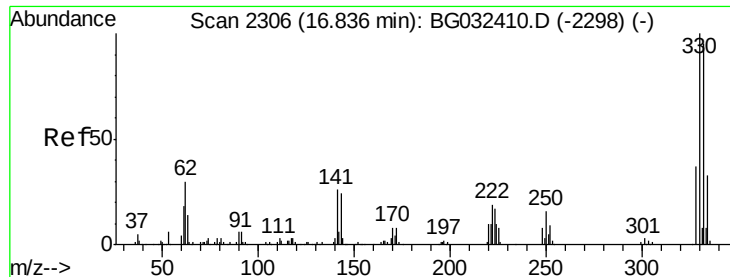
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.35 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032499.D
 Acq: 1 Feb 2018 21:00

Tgt Ion:164 Resp: 75170
 Ion Ratio Lower Upper
 164 100
 162 106.7 78.8 118.2
 160 46.4 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

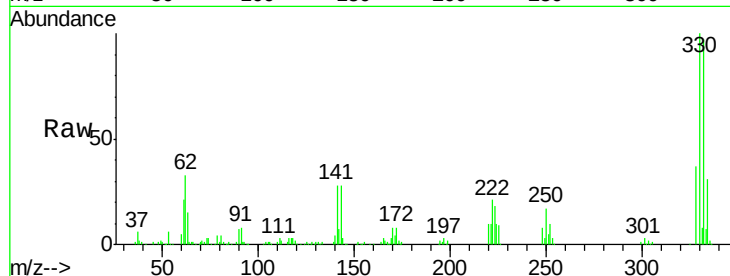




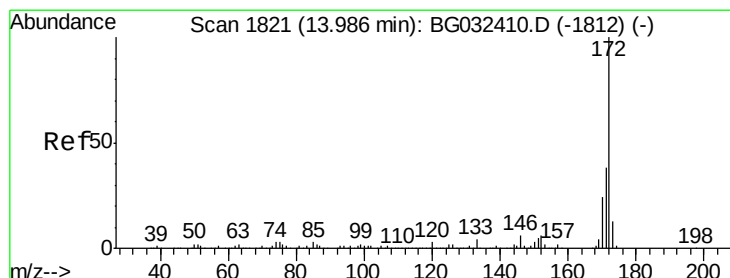
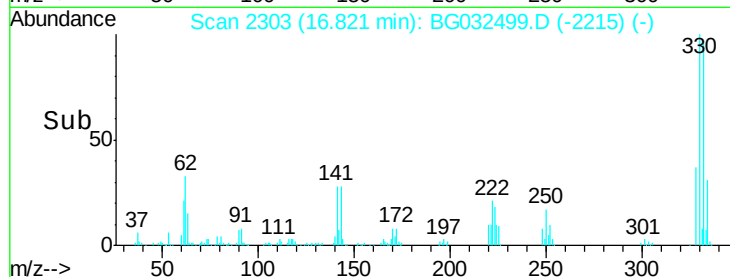
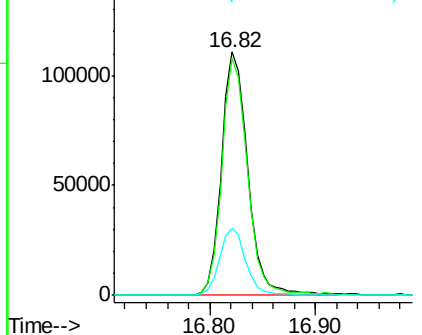
#41
 2,4,6-Tribromophenol
 Concen: 134.058 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG032499.D
 Acq: 1 Feb 2018 21:00

Instrument :
 BNA_G
 ClientSampleId :
 TP-08(4-&-15-TRENCH-E-OF-ST-MH)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	27.8	25.2	37.8

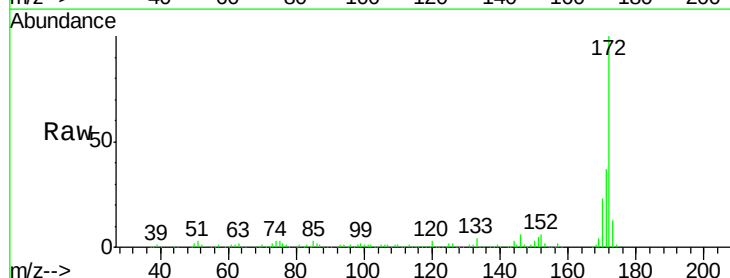


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

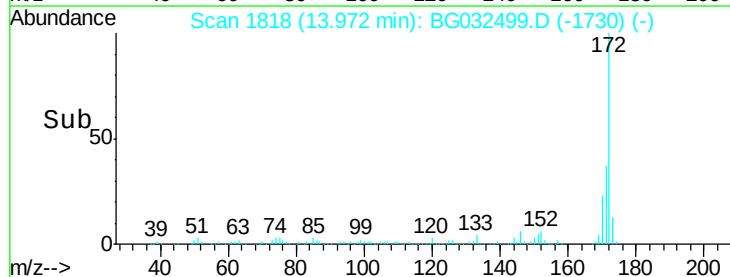
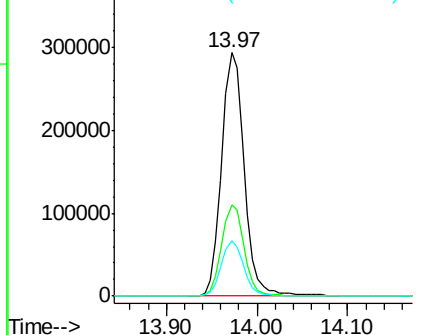


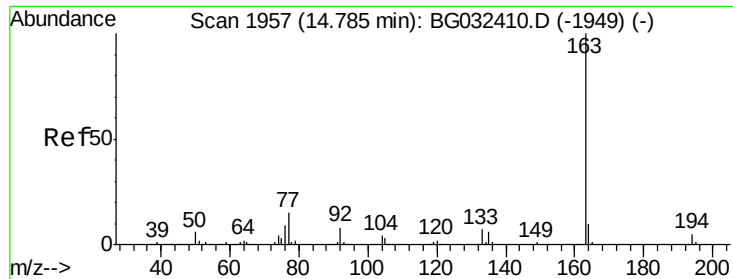
#44
 2-Fluorobiphenyl
 Concen: 80.780 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG032499.D
 Acq: 1 Feb 2018 21:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	22.7	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





#49

Dimethylphthalate

Concen: 5.467 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG032499.D

Acq: 1 Feb 2018 21:00

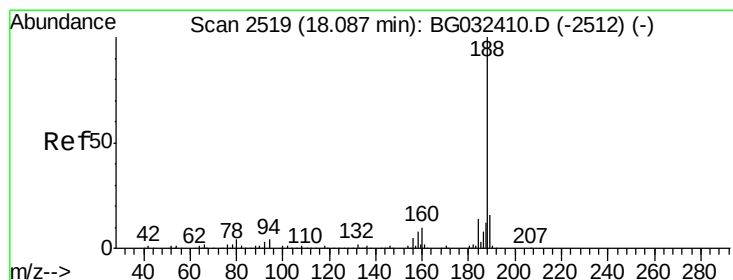
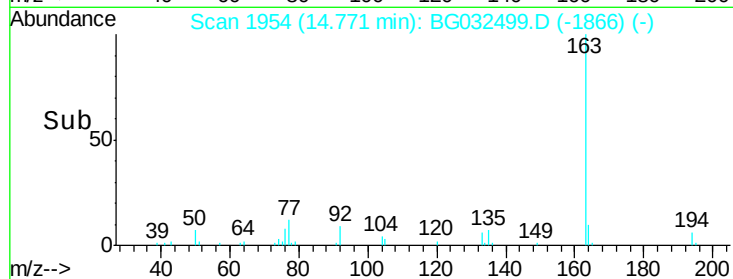
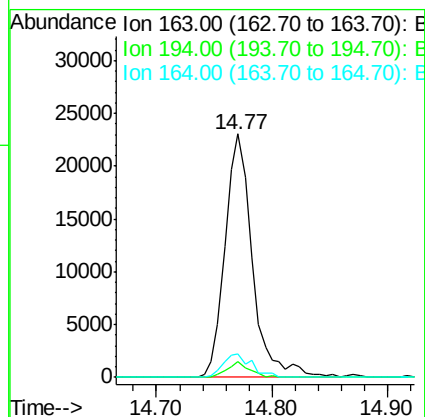
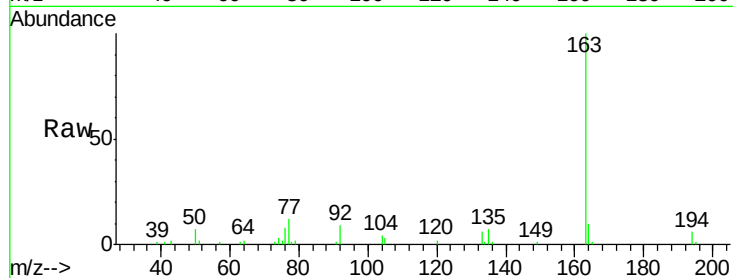
Instrument :

BNA_G

ClientSampleId :

TP-08(4-&-15-TRENCH-E-OF-ST-MH

Tot Ion:163	Resp:	37891
Ion Ratio	Lower	Upper
163	100	
194	6.5	3.4 5.2#
164	9.7	8.2 12.4



#63

Phenanthrene-d10

Concen: 20.000 ng

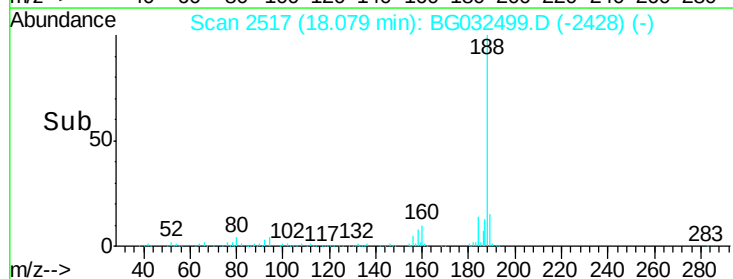
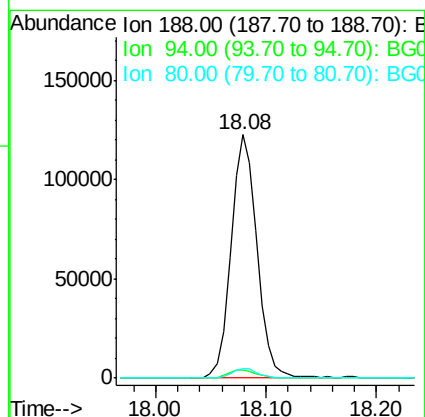
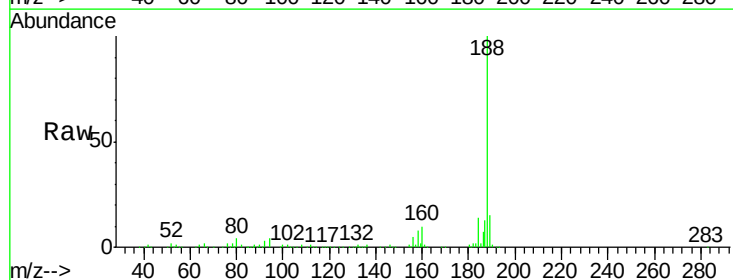
RT: 18.08 min Scan# 2517

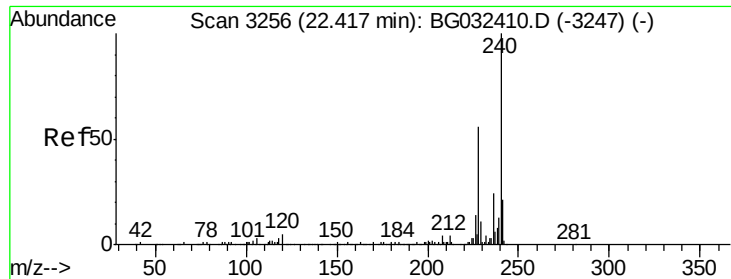
Delta R.T. -0.01 min

Lab File: BG032499.D

Acq: 1 Feb 2018 21:00

Tgt Ion:188	Resp:	201767
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: BG032499.D

Acq: 1 Feb 2018 21:00

Instrument :

BNA_G

ClientSampleId :

TP-08(4-&-15-TRENCH-E-OF-ST-MH

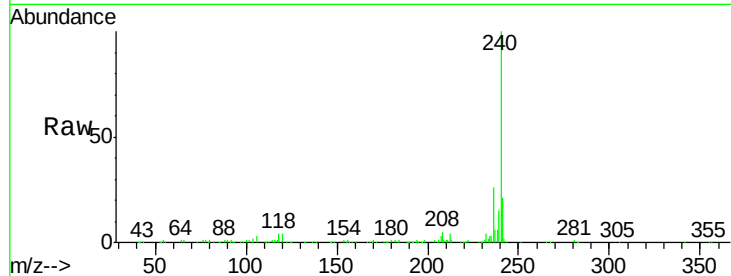
Tot Ion:240 Resp: 251416

Ion Ratio Lower Upper

240 100

120 3.7 6.8 10.2#

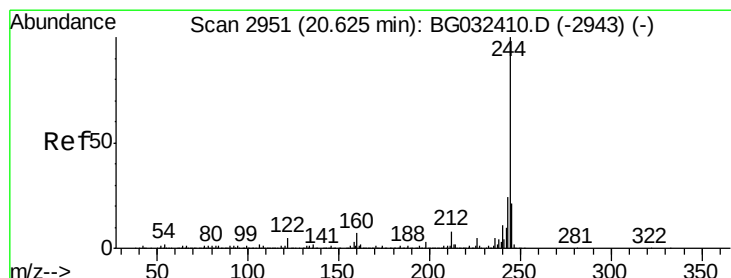
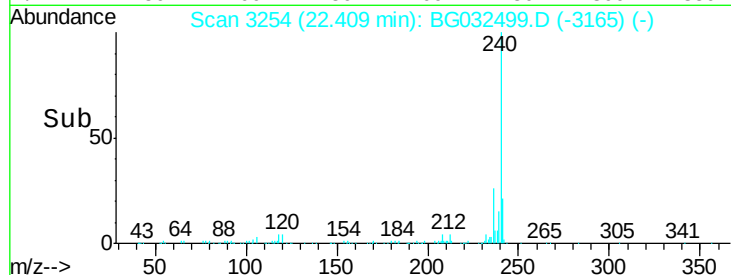
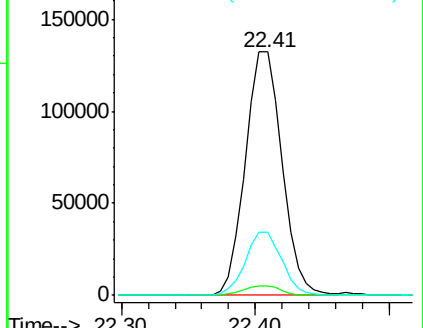
236 26.0 20.9 31.3



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: 80.752 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032499.D

Acq: 1 Feb 2018 21:00

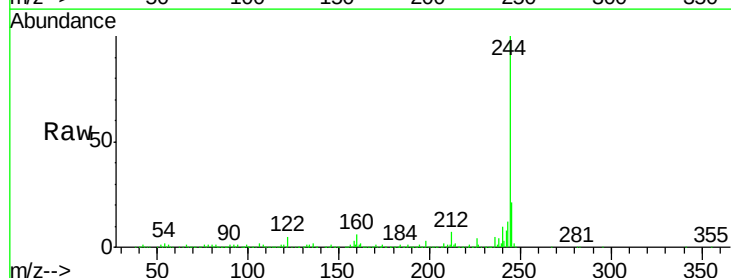
Tgt Ion:244 Resp: 947789

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

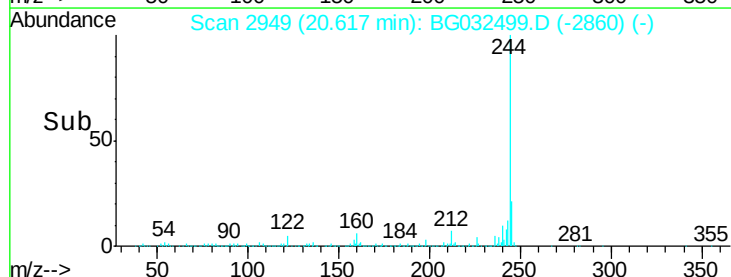
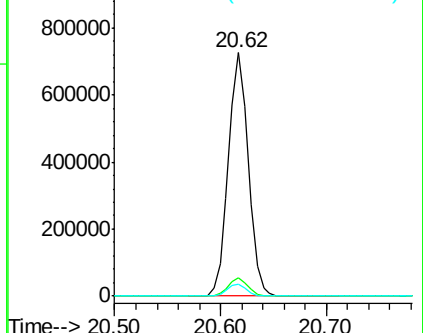
122 5.0 7.0 10.4#

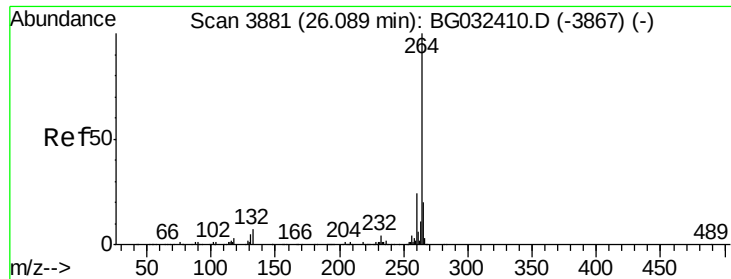


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.09 min Scan# 3880
Delta R.T. -0.00 min
Lab File: BG032499.D
Acq: 1 Feb 2018 21:00

Instrument :
BNA_G
ClientSampleId :
TP-08(4-&-15-TRENCH-E-OF-ST-MH)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	22.2	17.7	26.5

