

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
 Data File : BG032604.D
 Acq On : 7 Feb 2018 21:36
 Operator : SJ/JU
 Sample : J1403-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-020618

Quant Time: Feb 08 03:42:42 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

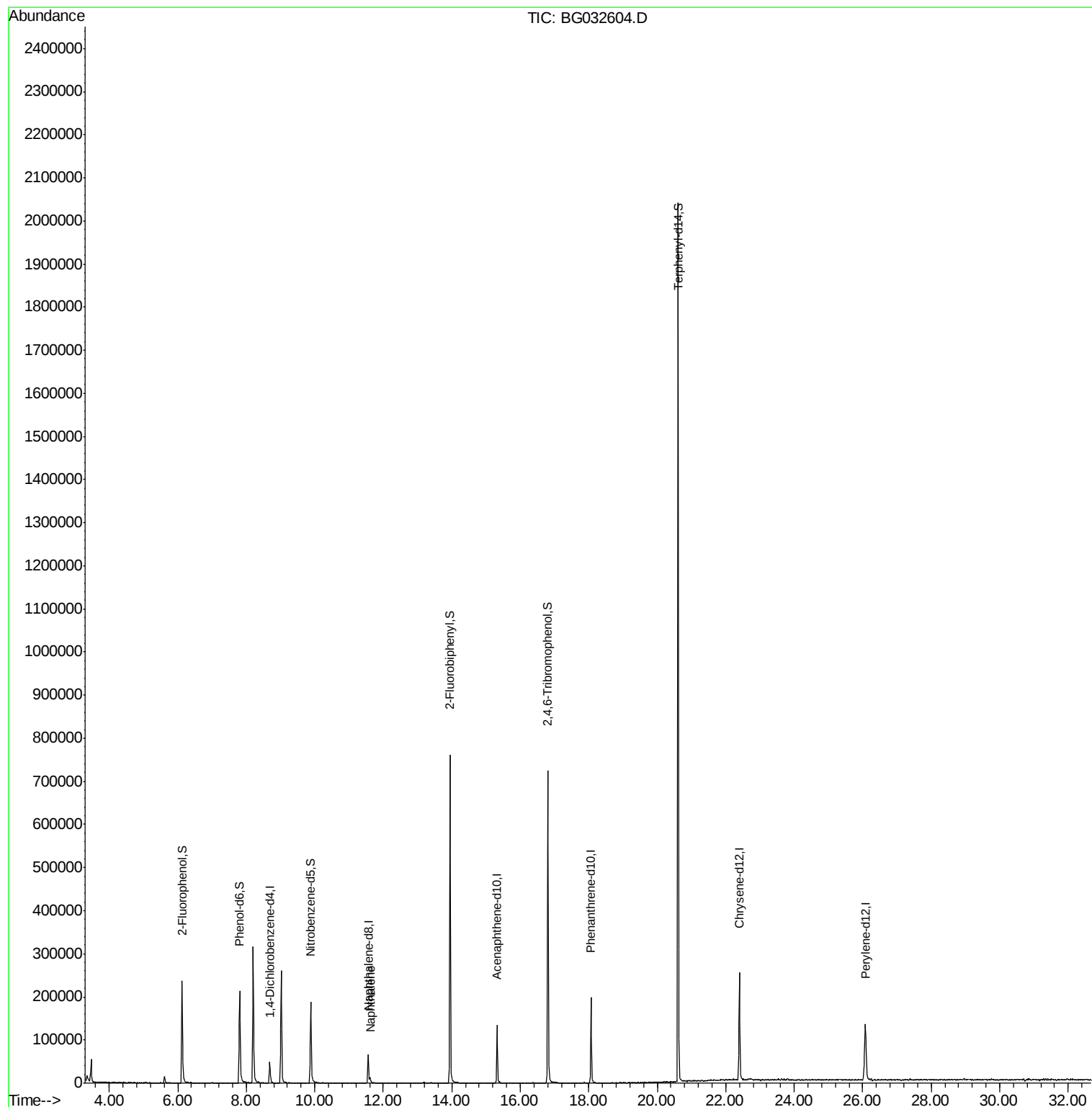
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	18232	20.00	ng	-0.03
21) Naphthalene-d8	11.57	136	80372	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	53928	20.00	ng	-0.02
63) Phenanthrene-d10	18.07	188	150960	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	202462	20.00	ng	-0.01
86) Perylene-d12	26.08	264	196939	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	133001	146.52	ng	-0.02
7) Phenol-d6	7.81	99	153758	126.94	ng	-0.02
23) Nitrobenzene-d5	9.89	82	129026	100.27	ng	-0.02
41) 2,4,6-Tribromophenol	16.81	330	188496	183.63	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	486653	107.26	ng	-0.02
78) Terphenyl-d14	20.61	244	1118939	118.39	ng	0.00
Target Compounds						
31) Naphthalene	11.61	128	11946	3.043	ng	Qvalue # 95

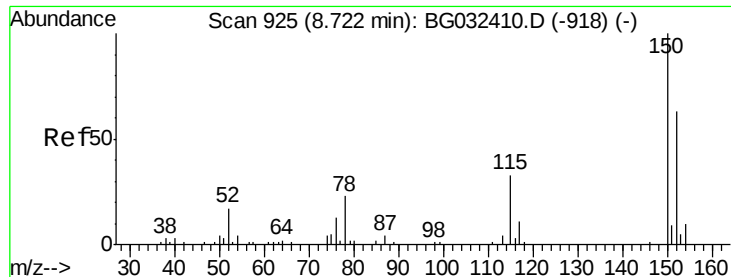
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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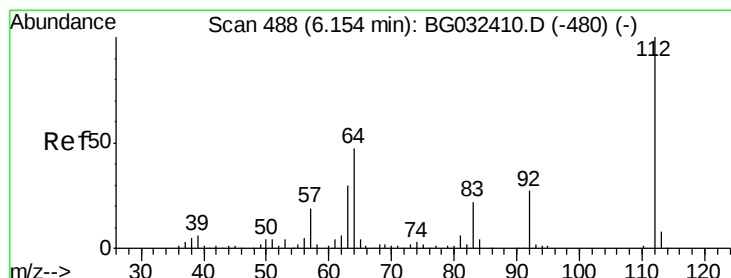
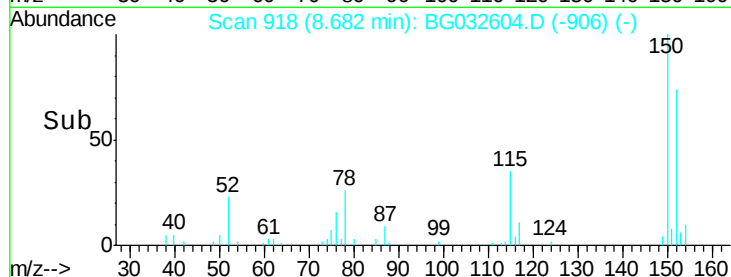
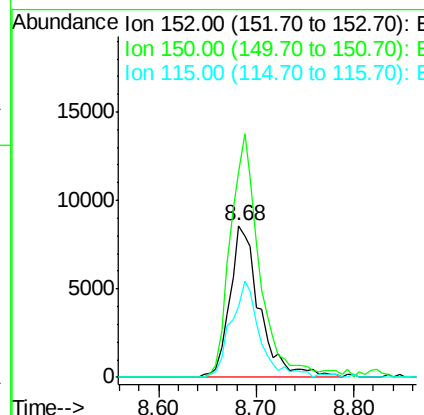
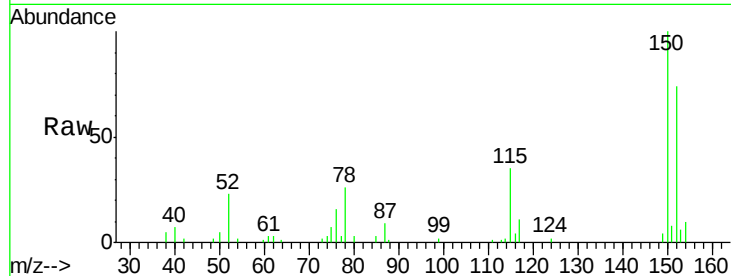


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.68 min Scan# 918
 Delta R.T. -0.03 min
 Lab File: BG032604.D
 Acq: 7 Feb 2018 21:36

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-020618

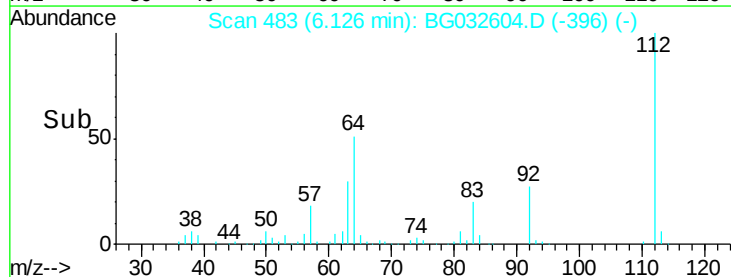
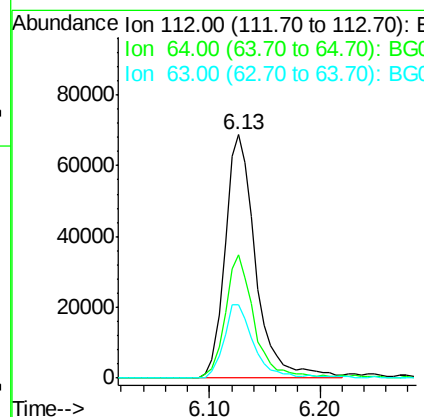
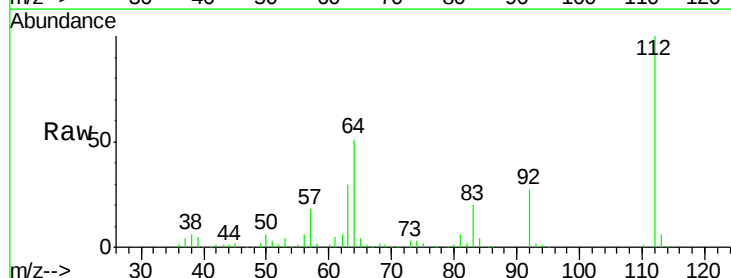
Tot Ion:152 Resp: 18232
 Ion Ratio Lower Upper
 152 100
 150 135.8 126.6 189.8
 115 46.9 53.0 79.4#

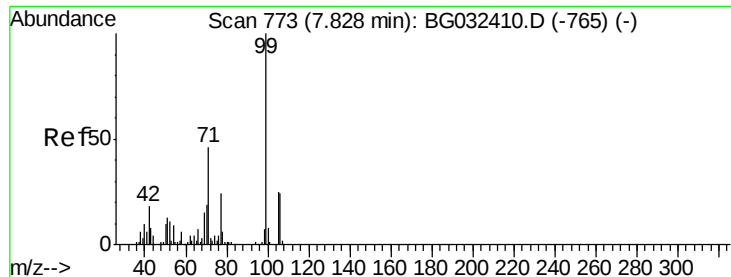


#5

2-Fluorophenol
 Concen: 146.523 ng
 RT: 6.13 min Scan# 483
 Delta R.T. -0.02 min
 Lab File: BG032604.D
 Acq: 7 Feb 2018 21:36

Tgt Ion:112 Resp: 133001
 Ion Ratio Lower Upper
 112 100
 64 50.6 56.3 84.5#
 63 30.2 30.1 45.1





#7

Phenol-d6

Concen: 126.939 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG032604.D

Acq: 7 Feb 2018 21:36

Instrument :

BNA_G

ClientSampleId :

SU-04-020618

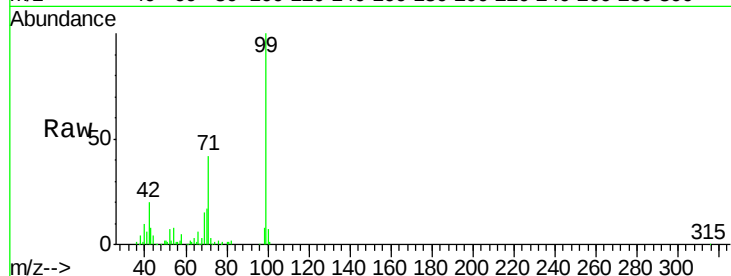
Tot Ion: 99 Resp: 153758

Ion Ratio Lower Upper

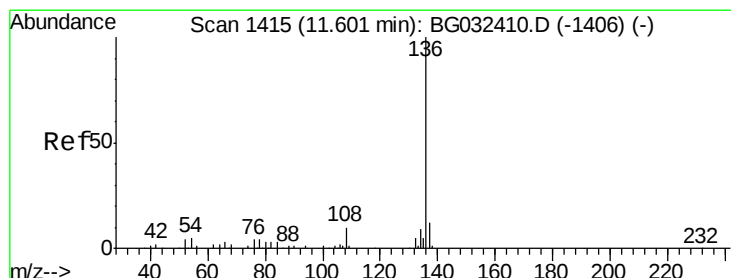
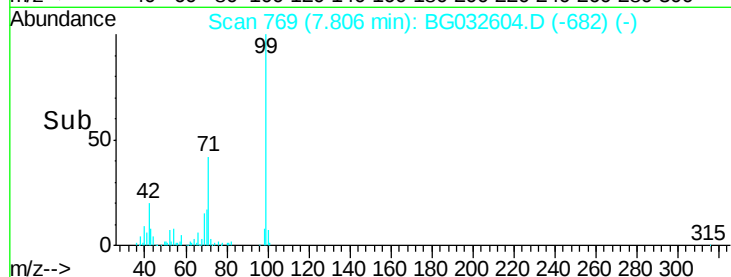
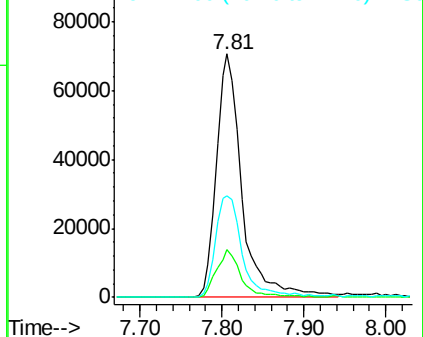
99 100

42 19.5 14.1 21.1

71 41.9 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: 11.57 min Scan# 1409

Delta R.T. -0.02 min

Lab File: BG032604.D

Acq: 7 Feb 2018 21:36

Tgt Ion: 136 Resp: 80372

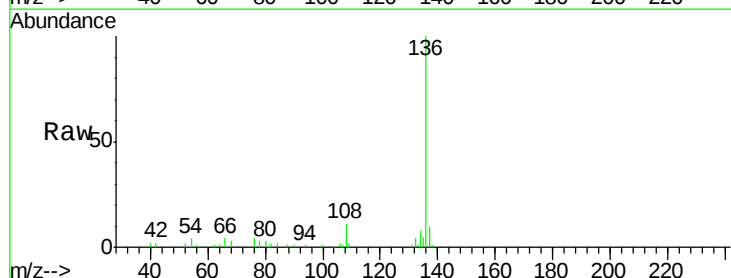
Ion Ratio Lower Upper

136 100

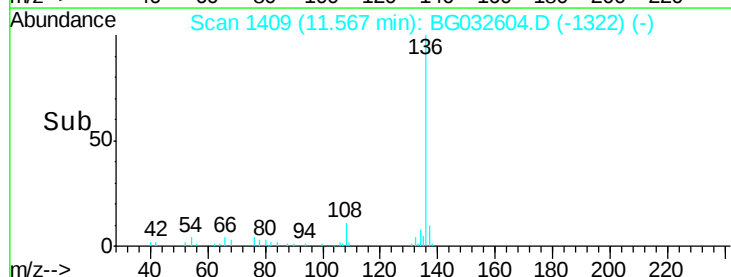
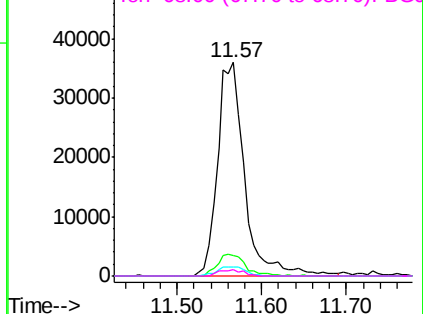
137 9.7 9.2 13.8

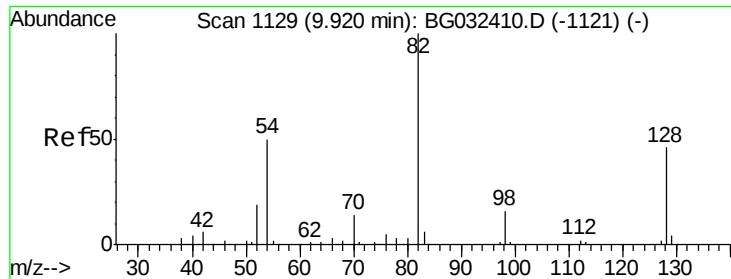
54 4.3 10.3 15.5#

68 2.7 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

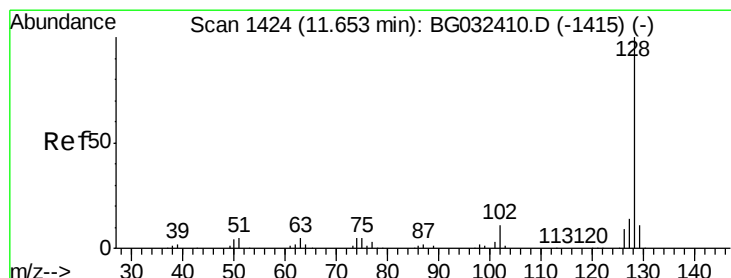
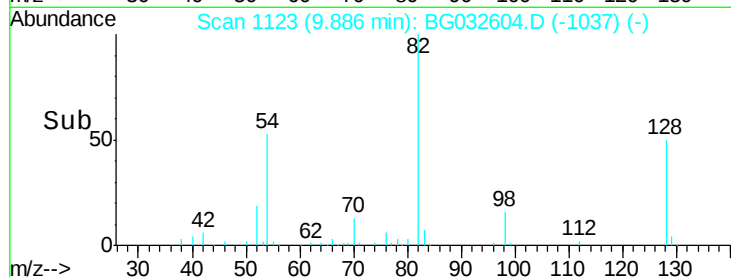
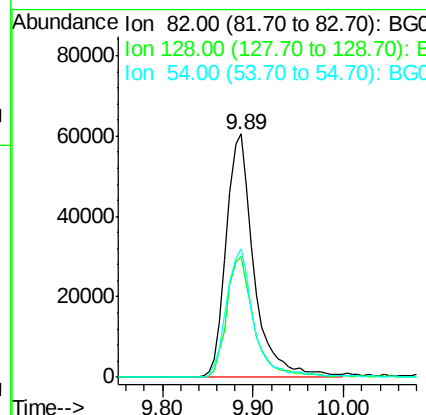
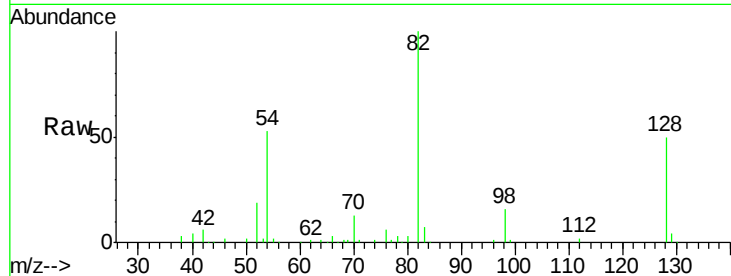




#23
 Nitrobenzene-d5
 Concen: 100.271 ng
 RT: 9.89 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BG032604.D
 Acq: 7 Feb 2018 21:36

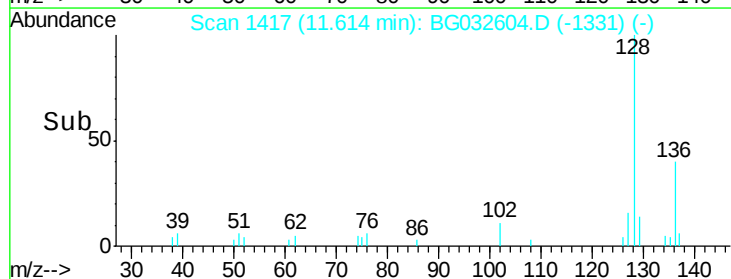
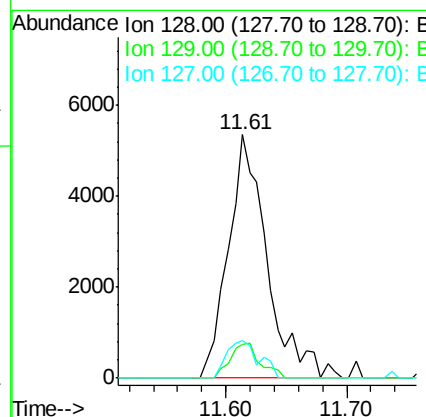
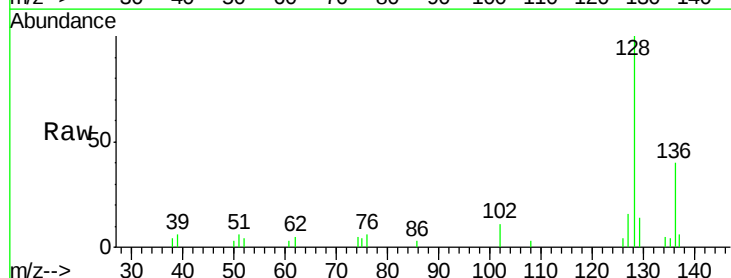
Instrument :
 BNA_G
 ClientSampleId :
 SU-04-020618

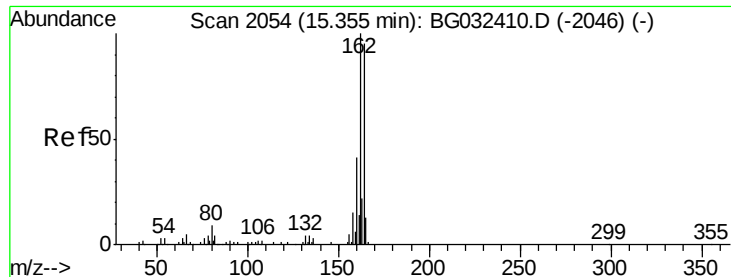
Tot Ion: 82 Resp: 129026
 Ion Ratio Lower Upper
 82 100
 128 49.8 29.7 44.5#
 54 52.7 43.1 64.7



#31
 Naphthalene
 Concen: 3.043 ng
 RT: 11.61 min Scan# 1417
 Delta R.T. -0.02 min
 Lab File: BG032604.D
 Acq: 7 Feb 2018 21:36

Tgt Ion: 128 Resp: 11946
 Ion Ratio Lower Upper
 128 100
 129 13.8 8.6 12.8#
 127 15.6 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.32 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BG032604.D

Acq: 7 Feb 2018 21:36

Instrument :

BNA_G

ClientSampleId :

SU-04-020618

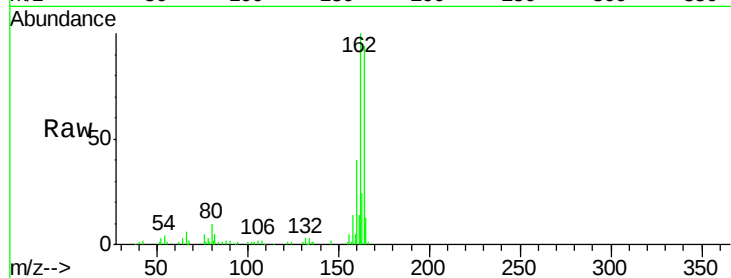
Tot Ion:164 Resp: 53928

Ion Ratio Lower Upper

164 100

162 106.4 78.8 118.2

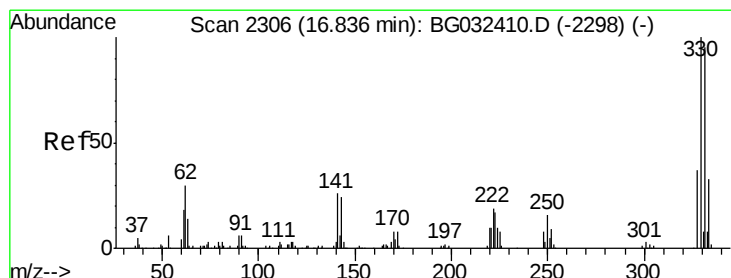
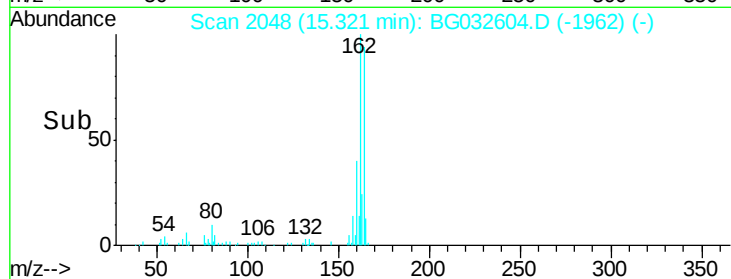
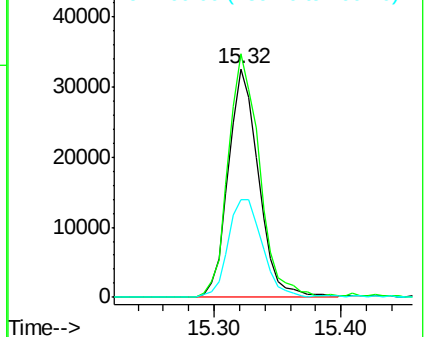
160 42.5 35.4 53.0



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: 183.626 ng

RT: 16.81 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG032604.D

Acq: 7 Feb 2018 21:36

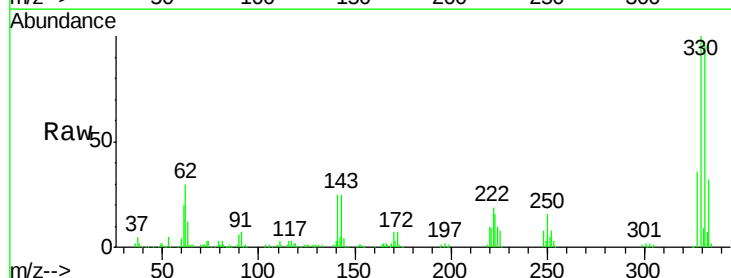
Tgt Ion:330 Resp: 188496

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

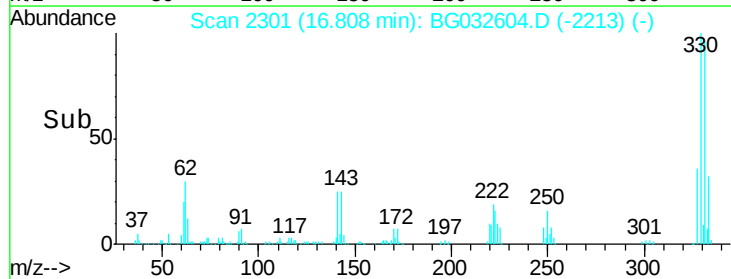
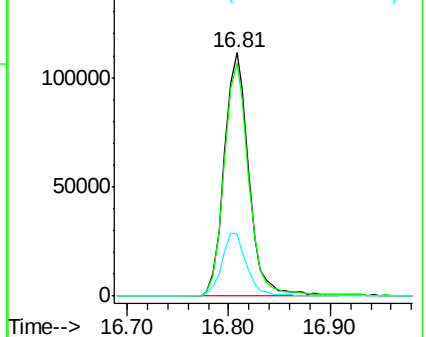
141 26.2 25.2 37.8

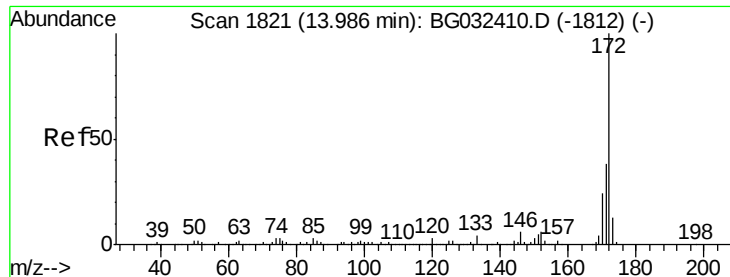


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

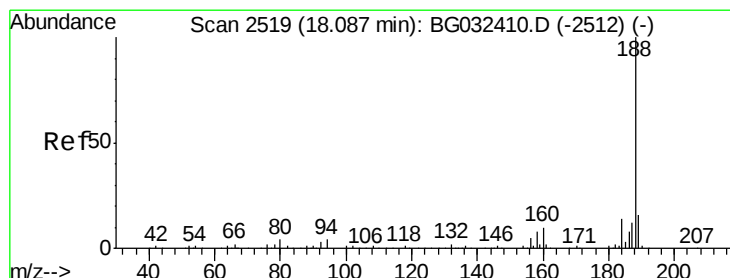
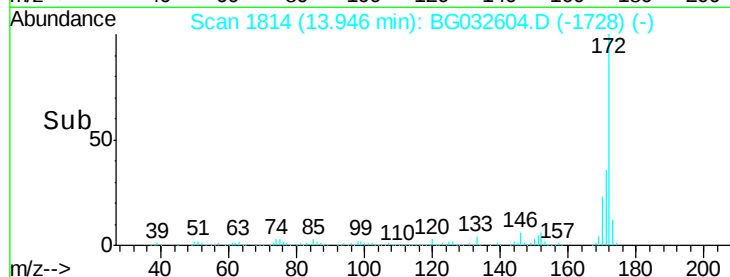
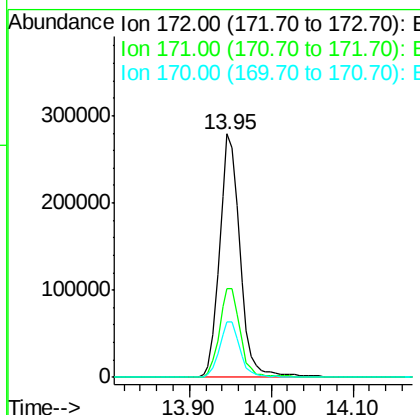
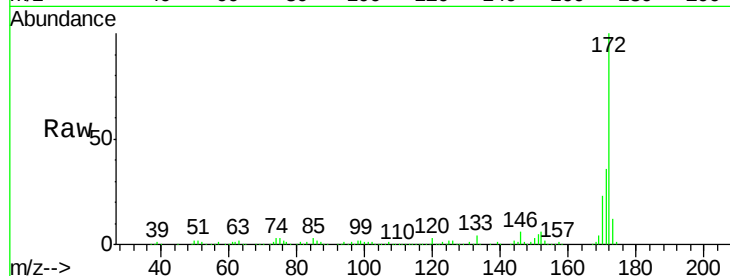




#44
 2-Fluorobiphenyl
 Concen: 107.258 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032604.D
 Acq: 7 Feb 2018 21:36

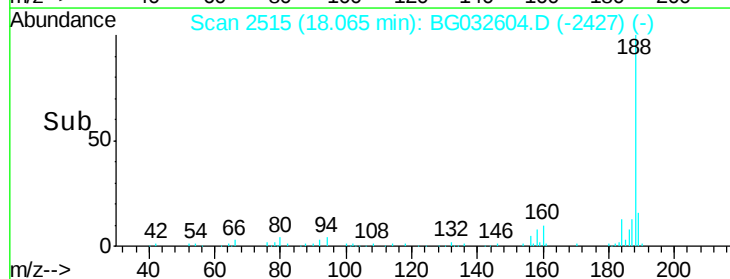
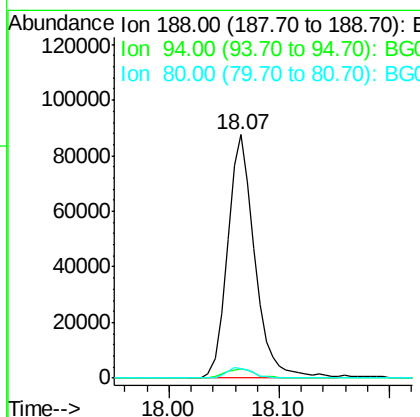
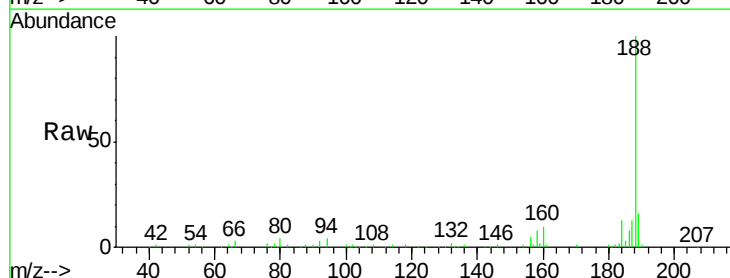
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 SU-04-020618

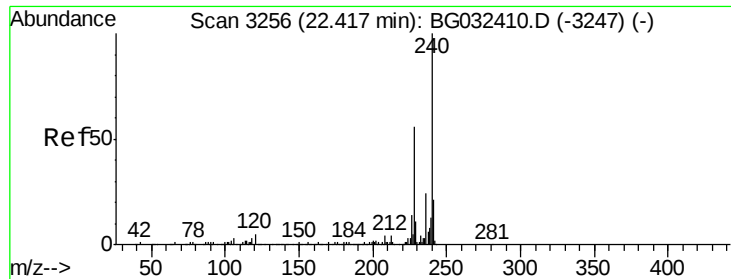
Tot Ion:172 Resp: 486653
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.0 45.0
 170 23.0 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.07 min Scan# 2515
 Delta R.T. -0.01 min
 Lab File: BG032604.D
 Acq: 7 Feb 2018 21:36

Tgt Ion:188 Resp: 150960
 Ion Ratio Lower Upper
 188 100
 94 3.9 6.9 10.3#
 80 3.9 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG032604.D

Acq: 7 Feb 2018 21:36

Instrument :

BNA_G

ClientSampleID :

SU-04-020618

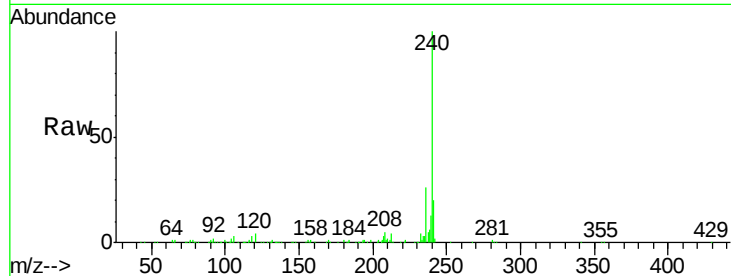
Tot Ion:240 Resp: 202462

Ion Ratio Lower Upper

240 100

120 4.2 6.8 10.2#

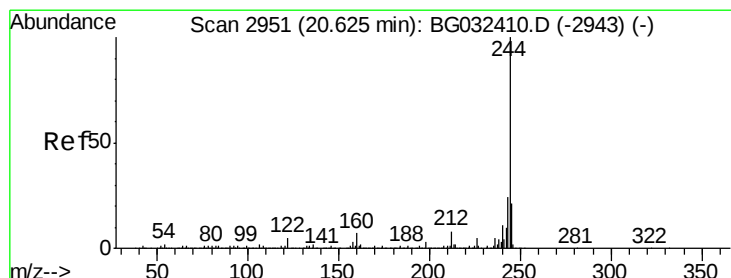
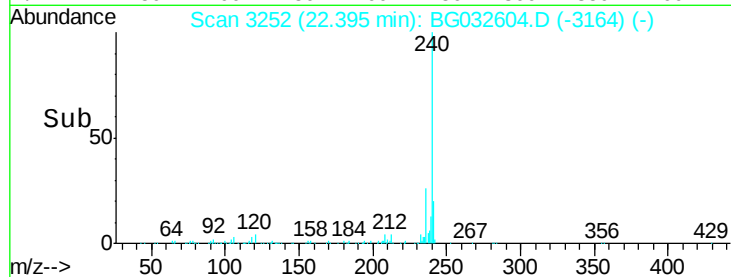
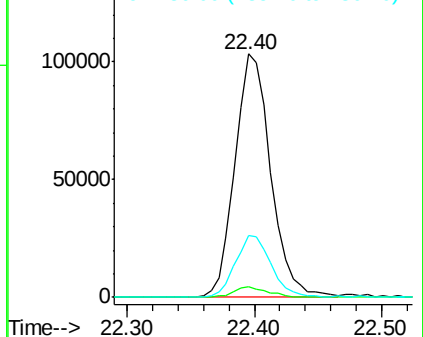
236 25.6 20.9 31.3



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: 118.386 ng

RT: 20.61 min Scan# 2948

Delta R.T. -0.00 min

Lab File: BG032604.D

Acq: 7 Feb 2018 21:36

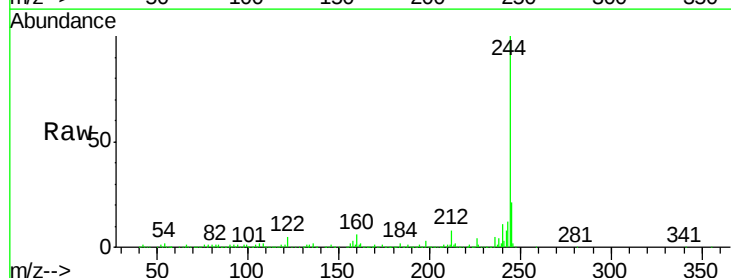
Tgt Ion:244 Resp: 1118939

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

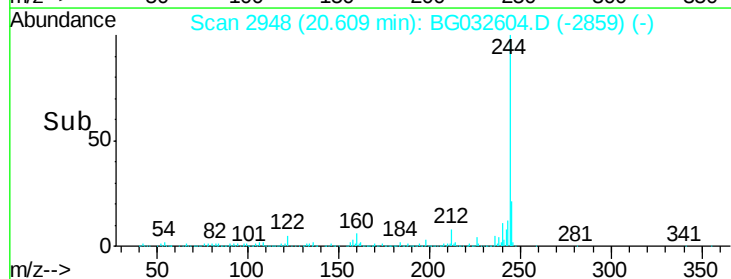
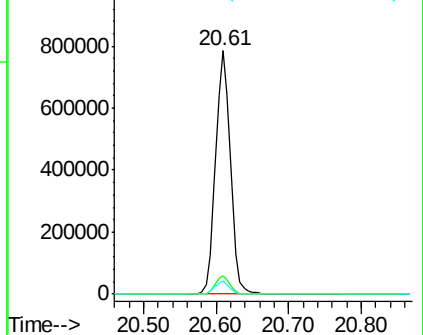
122 5.4 7.0 10.4#

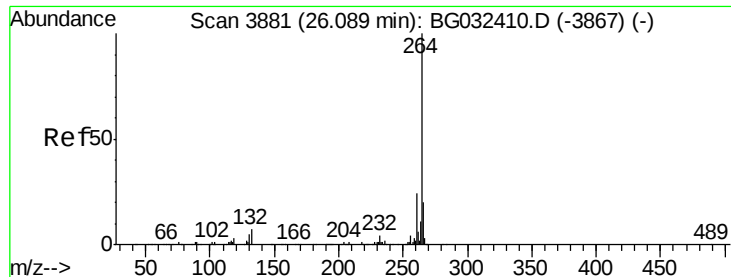


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

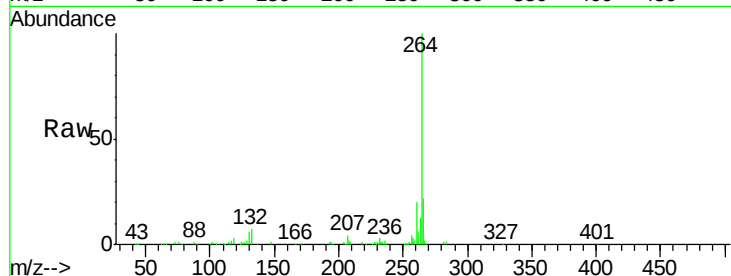




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.08 min Scan# 3879
Delta R.T. 0.01 min
Lab File: BG032604.D
Acq: 7 Feb 2018 21:36

Instrument :
BNA_G
ClientSampleId :
SU-04-020618

Tot Ion	Ratio	Lower	Upper
264	100		
260	19.8	17.4	26.0
265	22.0	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

