

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
 Data File : BG032619.D
 Acq On : 8 Feb 2018 20:34
 Operator : SJ/JU
 Sample : J1473-24
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B6

Quant Time: Feb 09 03:16:59 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

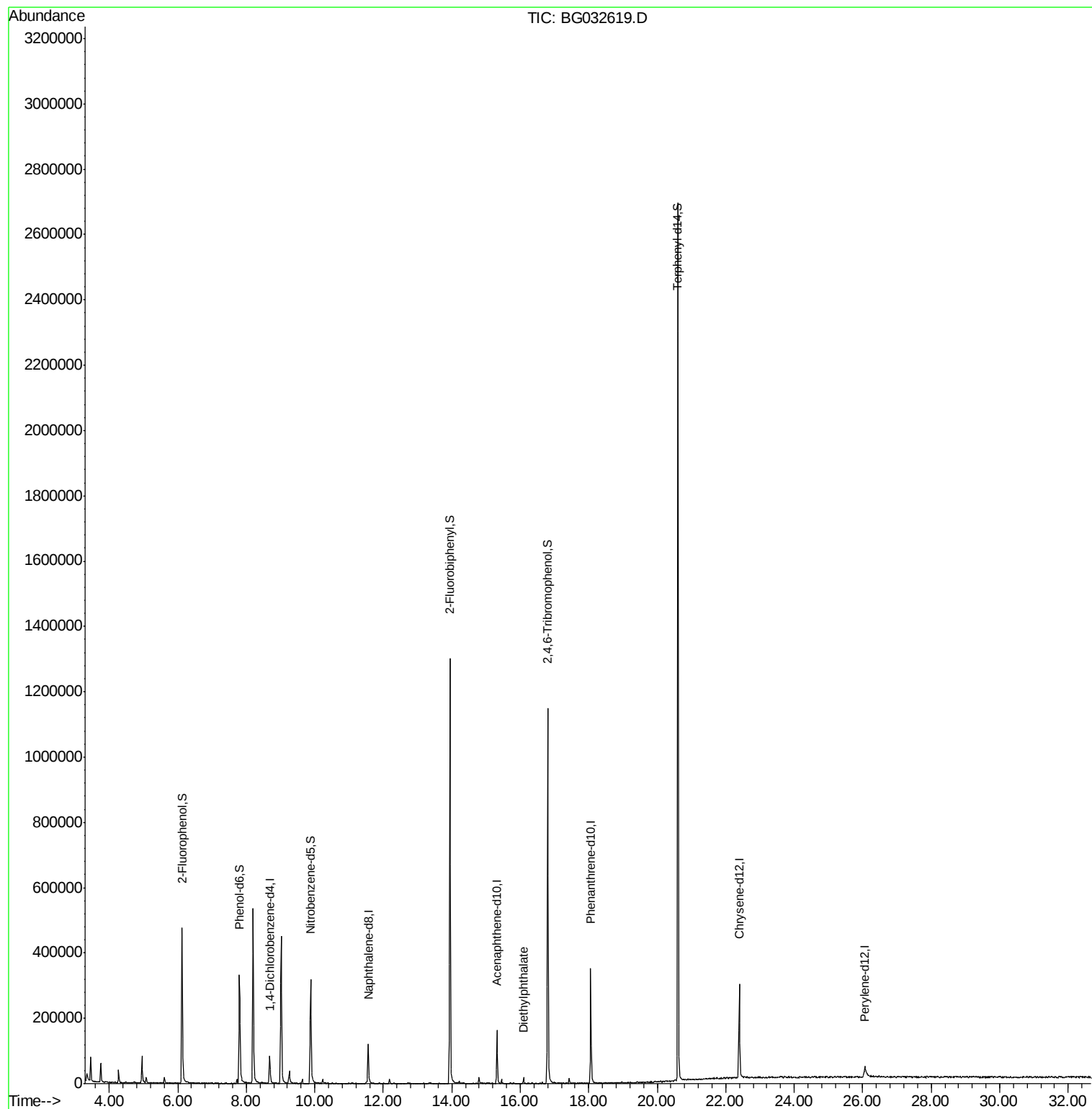
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	31680	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	127602	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	57120	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	254164	20.00	ng	-0.02
75) Chrysene-d12	22.39	240	207928	20.00	ng	-0.02
86) Perylene-d12	26.06	264	31431	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	245807	155.85	ng	-0.02
7) Phenol-d6	7.81	99	214143	101.74	ng	-0.02
23) Nitrobenzene-d5	9.88	82	222450	108.89	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	263773	242.60	ng	-0.02
44) 2-Fluorobiphenyl	13.95	172	800603	166.59	ng	-0.02
78) Terphenyl-d14	20.60	244	1463144	150.73	ng	-0.01
Target Compounds						
59) Diethylphthalate	16.09	149	12542	2.445	ng	Qvalue # 94

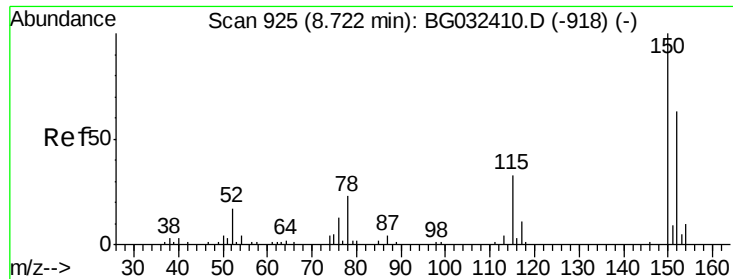
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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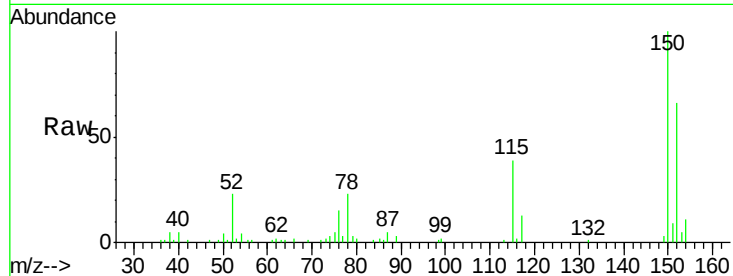


#1

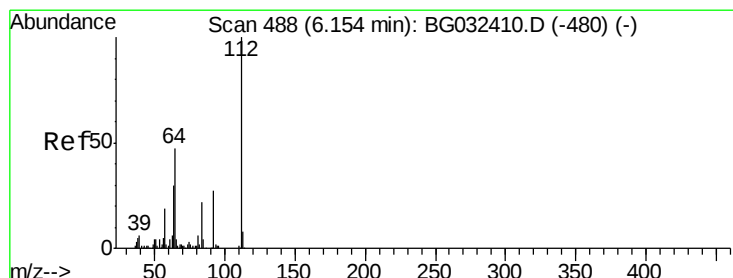
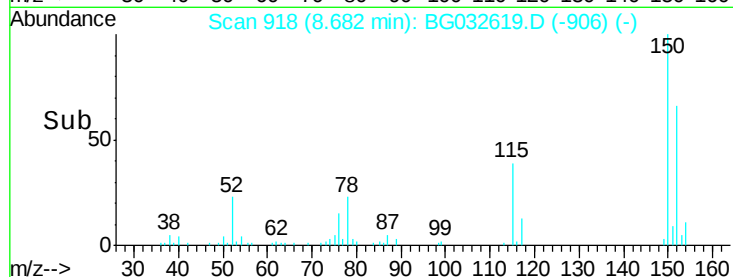
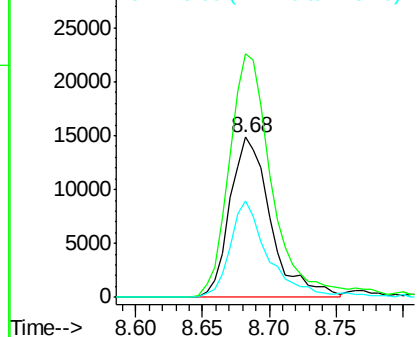
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.03 min
Lab File: BG032619.D
Acq: 8 Feb 2018 20:34

Instrument :
BNA_G
ClientSampled :
B6

Tot Ion:152 Resp: 31680
Ion Ratio Lower Upper
152 100
150 152.0 126.6 189.8
115 60.0 53.0 79.4



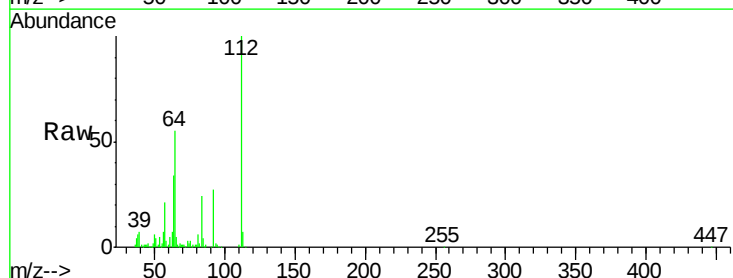
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



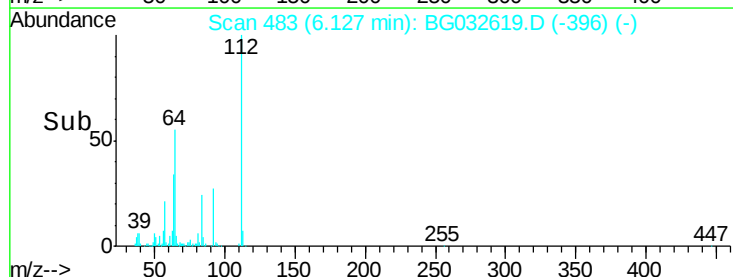
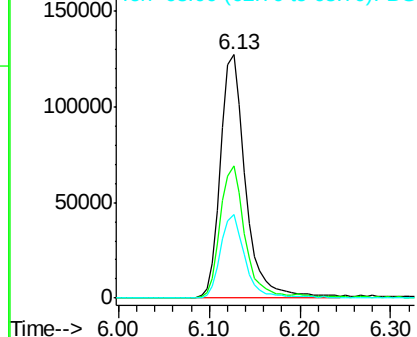
#5

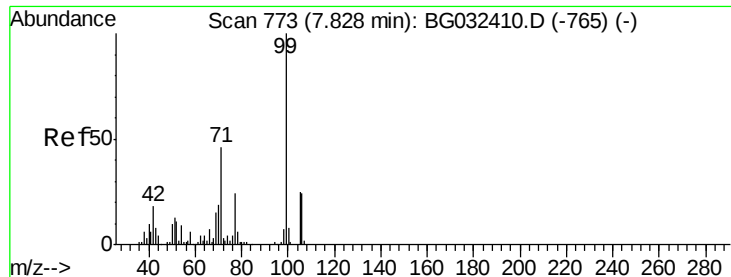
2-Fluorophenol
Concen: 155.845 ng
RT: 6.13 min Scan# 483
Delta R.T. -0.02 min
Lab File: BG032619.D
Acq: 8 Feb 2018 20:34

Tgt Ion:112 Resp: 245807
Ion Ratio Lower Upper
112 100
64 54.6 56.3 84.5#
63 34.1 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: 101.745 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG032619.D

Acq: 8 Feb 2018 20:34

Instrument :

BNA_G

ClientSampleId :

B6

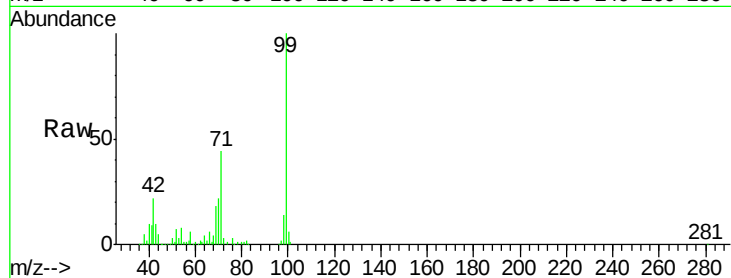
Tot Ion: 99 Resp: 214143

Ion Ratio Lower Upper

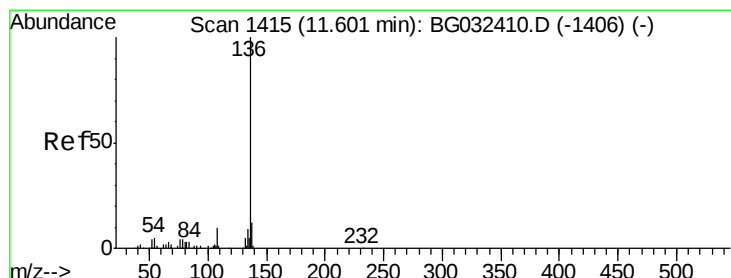
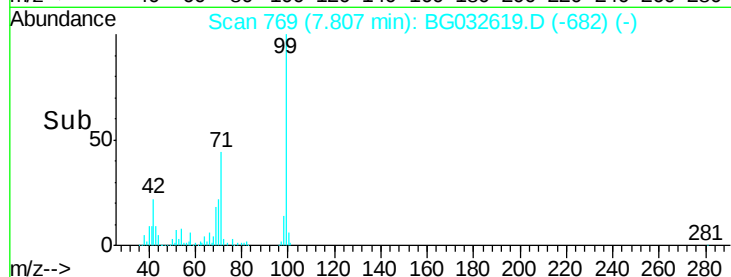
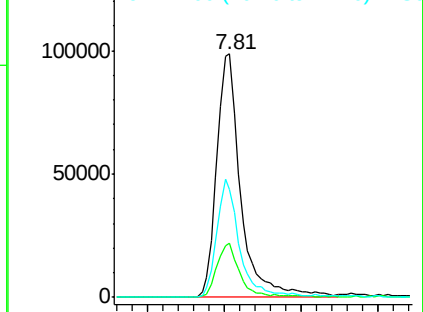
99 100

42 22.2 14.1 21.1#

71 44.3 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: 11.56 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BG032619.D

Acq: 8 Feb 2018 20:34

Tgt Ion: 136 Resp: 127602

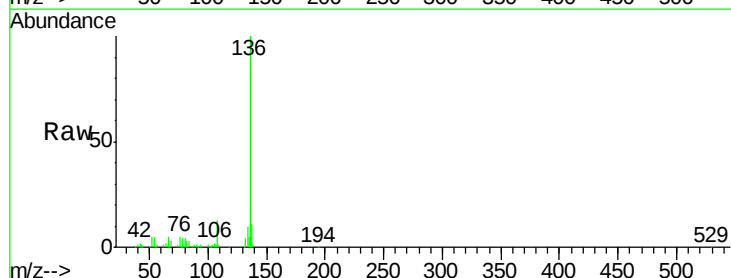
Ion Ratio Lower Upper

136 100

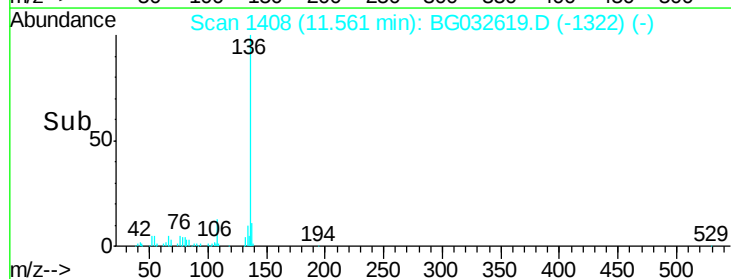
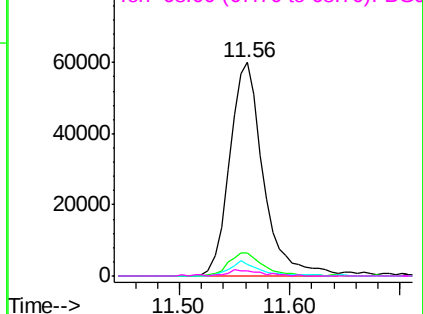
137 10.7 9.2 13.8

54 5.2 10.3 15.5#

68 2.5 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

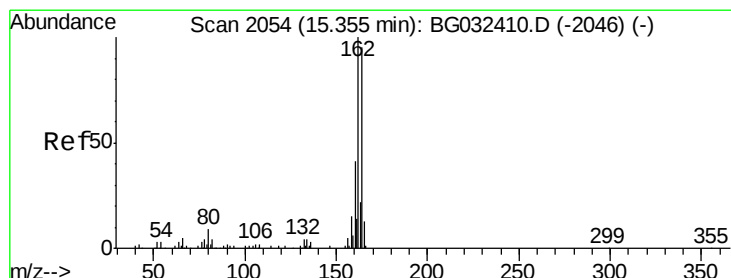
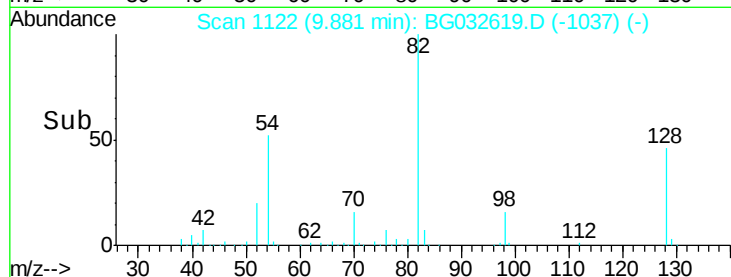
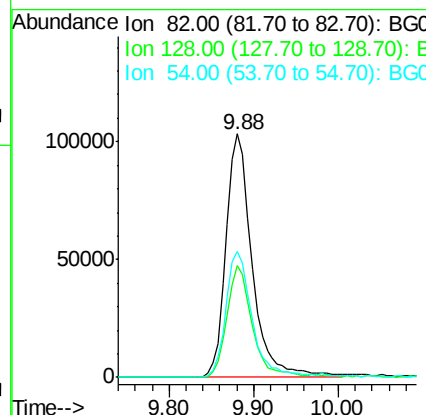
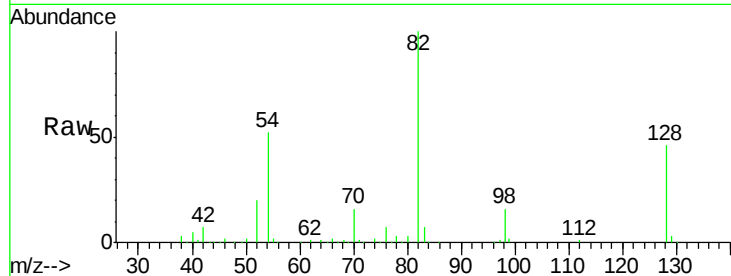




#23
 Nitrobenzene-d5
 Concen: 108.888 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. -0.03 min
 Lab File: BG032619.D
 Acq: 8 Feb 2018 20:34

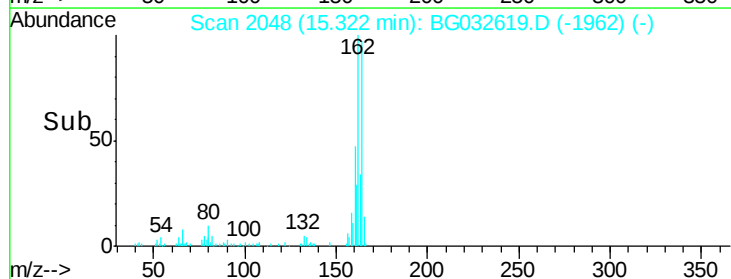
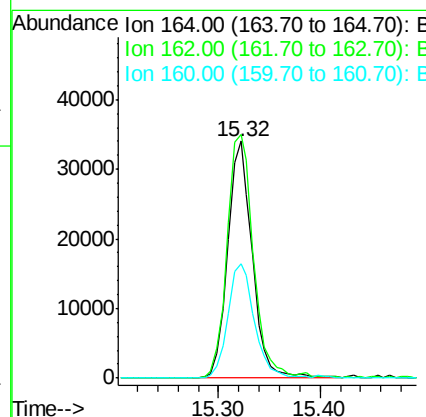
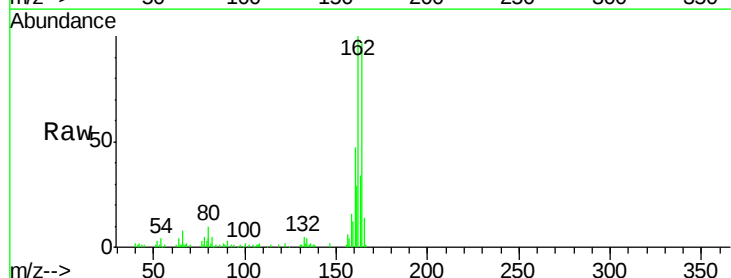
Instrument :
 BNA_G
 ClientSampled :
 B6

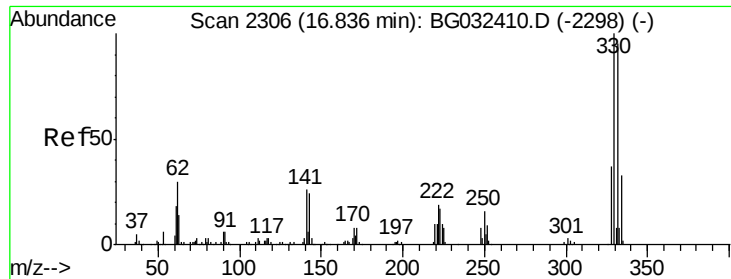
Tot Ion: 82 Resp: 222450
 Ion Ratio Lower Upper
 82 100
 128 46.0 29.7 44.5#
 54 51.9 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG032619.D
 Acq: 8 Feb 2018 20:34

Tgt Ion:164 Resp: 57120
 Ion Ratio Lower Upper
 164 100
 162 102.9 78.8 118.2
 160 48.1 35.4 53.0

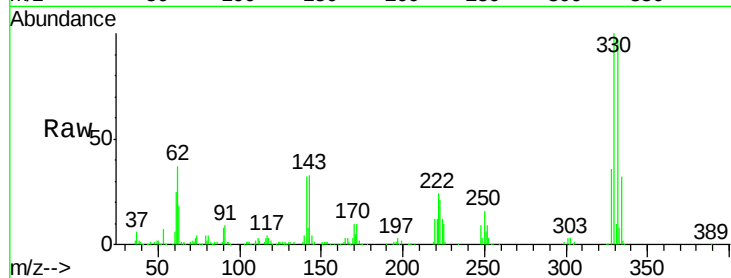




#41
 2,4,6-Tribromophenol
 Concen: 242.599 ng
 RT: 16.80 min Scan# 2300
 Delta R.T. -0.02 min
 Lab File: BG032619.D
 Acq: 8 Feb 2018 20:34

Instrument :
 BNA_G
 ClientSampleId :
 B6

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	31.3	25.2	37.8

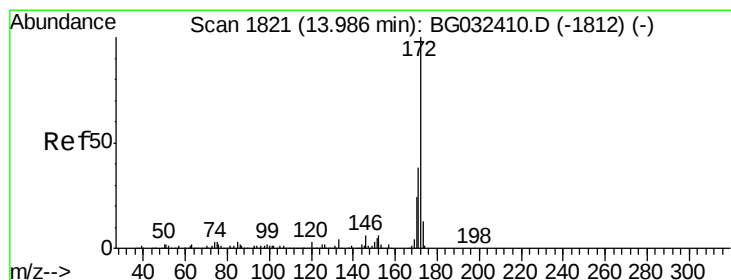
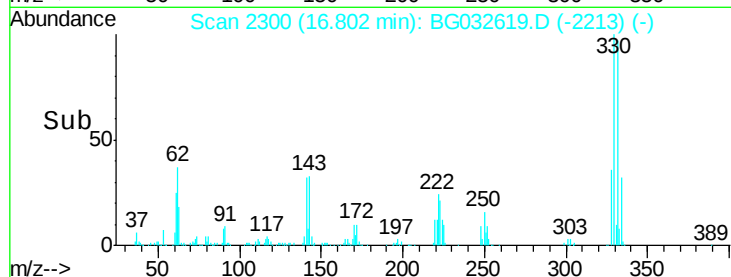
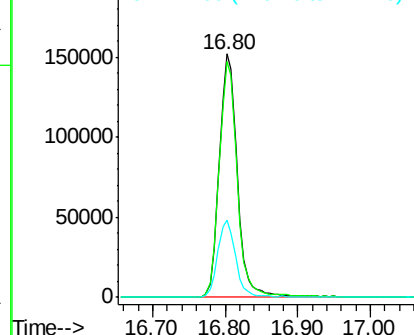


Abundance

Ion 329.80 (329.50 to 330.50): E

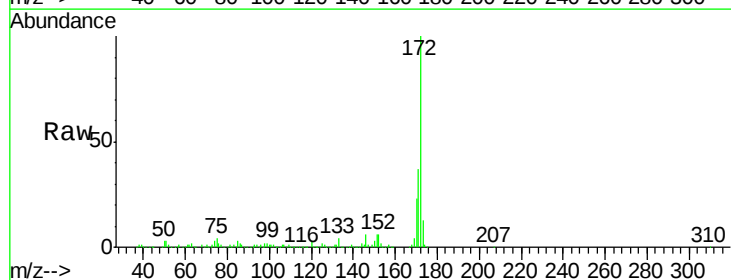
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 166.591 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032619.D
 Acq: 8 Feb 2018 20:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.0	19.5	29.3

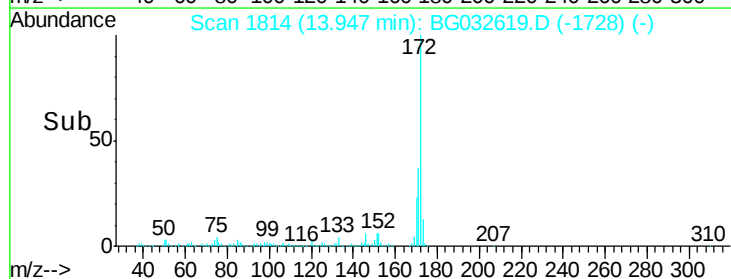
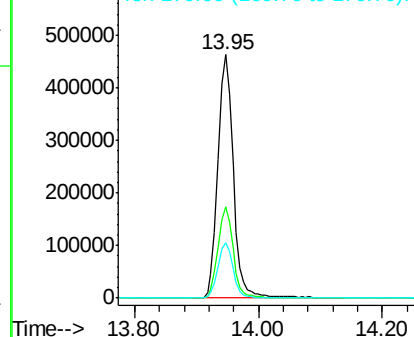


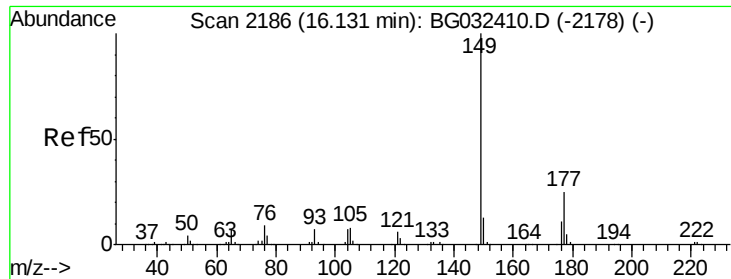
Abundance

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

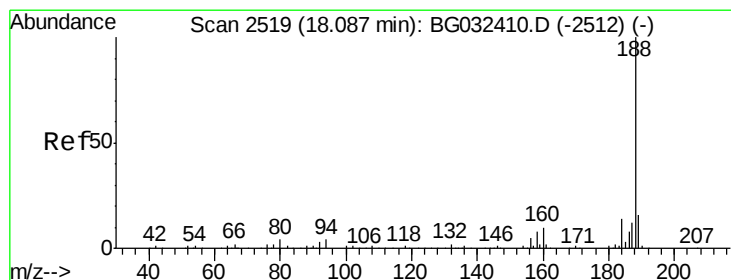
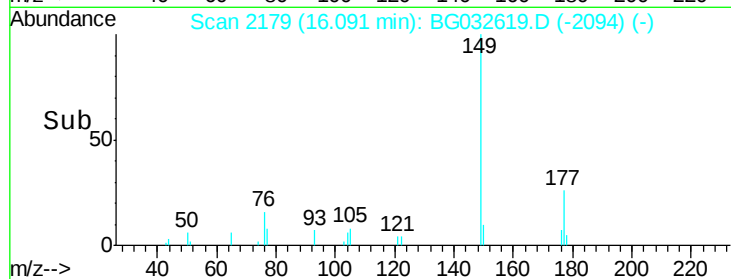
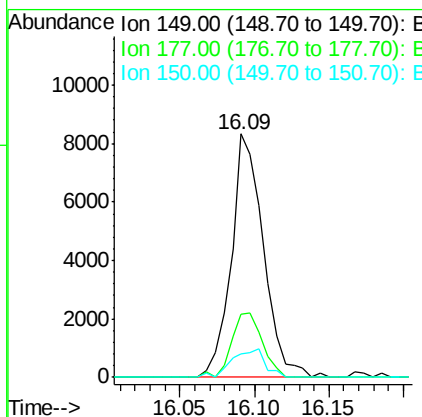
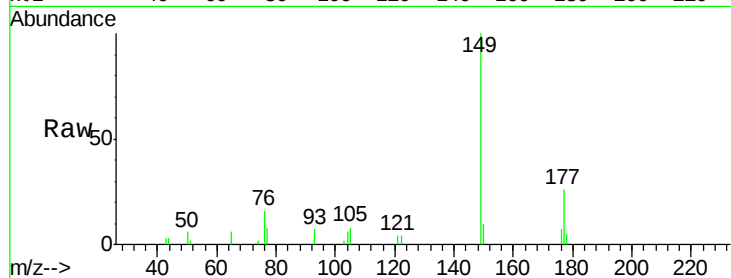




#59
Diethylphthalate
Concen: 2.445 ng
RT: 16.09 min Scan# 2179
Delta R.T. -0.03 min
Lab File: BG032619.D
Acq: 8 Feb 2018 20:34

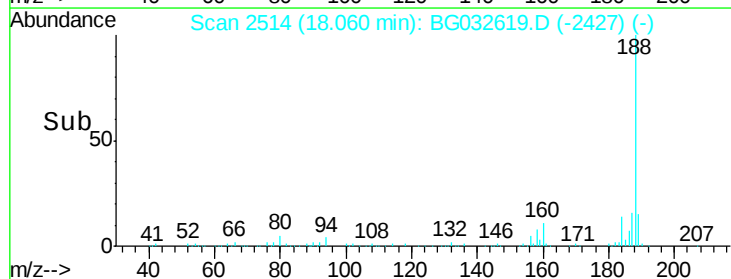
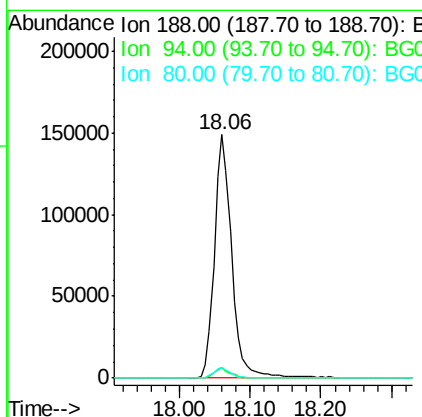
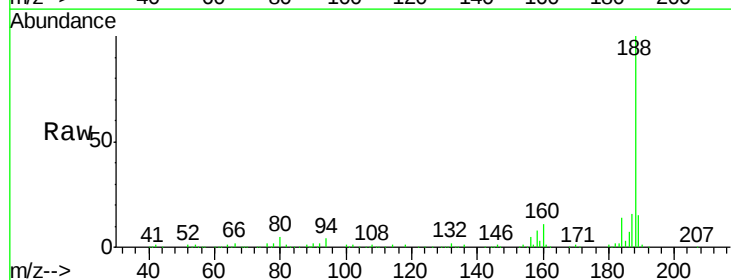
Instrument :
BNA_G
ClientSampled :
B6

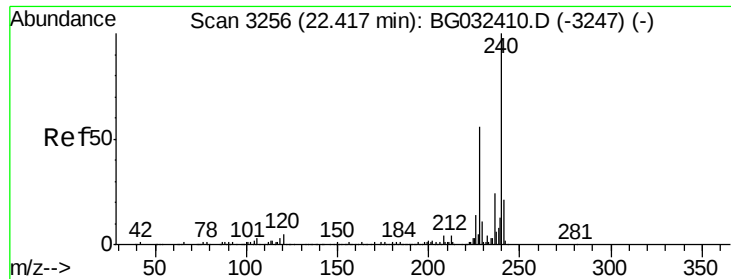
Tot Ion:149 Resp: 12542
Ion Ratio Lower Upper
149 100
177 25.8 18.5 27.7
150 9.8 10.2 15.2#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.06 min Scan# 2514
Delta R.T. -0.02 min
Lab File: BG032619.D
Acq: 8 Feb 2018 20:34

Tgt Ion:188 Resp: 254164
Ion Ratio Lower Upper
188 100
94 4.3 6.9 10.3#
80 4.6 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.39 min Scan# 3251

Delta R.T. -0.02 min

Lab File: BG032619.D

Acq: 8 Feb 2018 20:34

Instrument :

BNA_G

ClientSampleId :

B6

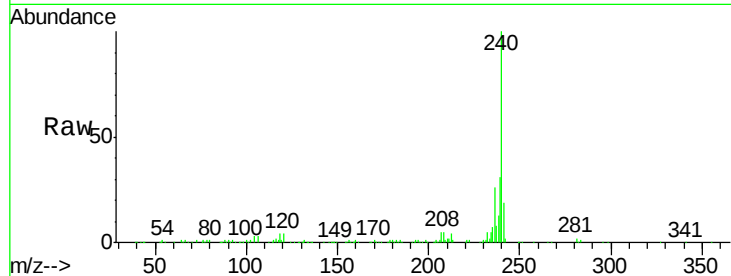
Tot Ion:240 Resp: 207928

Ion Ratio Lower Upper

240 100

120 3.8 6.8 10.2#

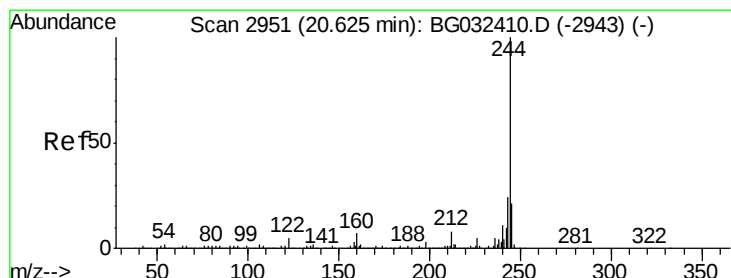
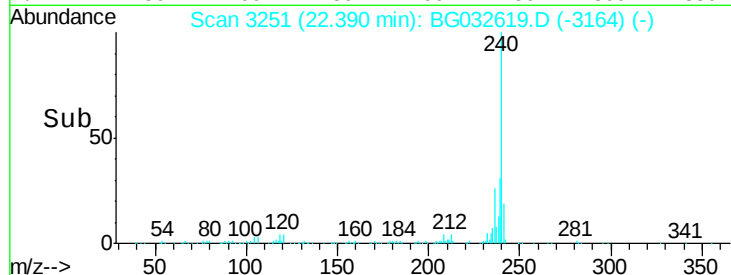
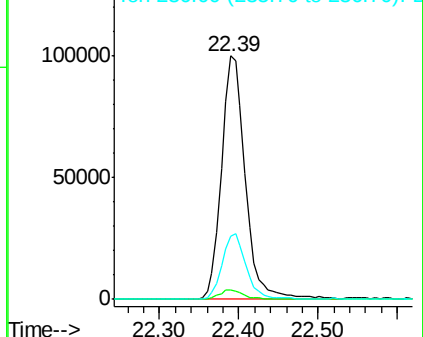
236 26.0 20.9 31.3



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: 150.734 ng

RT: 20.60 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032619.D

Acq: 8 Feb 2018 20:34

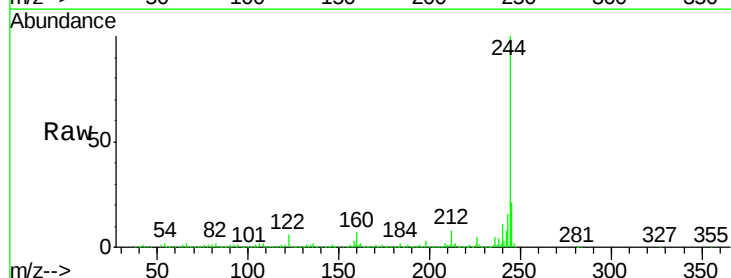
Tgt Ion:244 Resp: 1463144

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

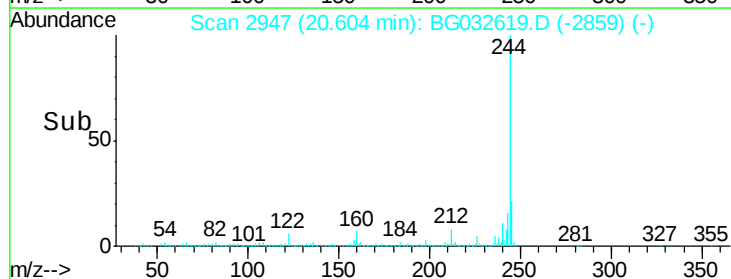
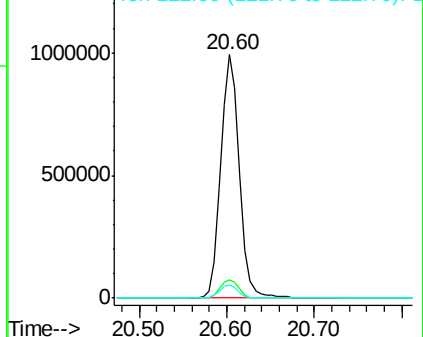
122 5.5 7.0 10.4#

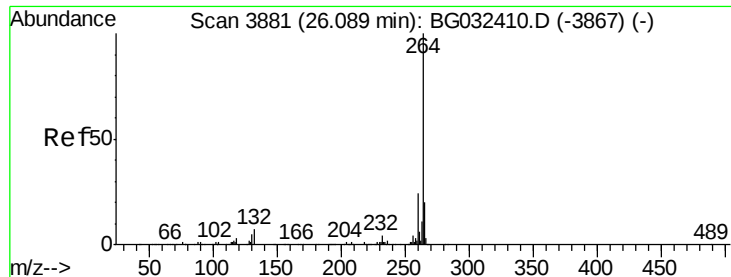


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.06 min Scan# 3876
 Delta R.T. -0.00 min
 Lab File: BG032619.D
 Acq: 8 Feb 2018 20:34

Instrument :
 BNA_G
 ClientSampleId :
 B6

Tot Ion:264 Resp: 31431
 Ion Ratio Lower Upper
 264 100
 260 29.7 17.4 26.0#
 265 22.7 17.7 26.5

