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 Data File : BG032986.D
 Acq On : 5 Mar 2018 12:49
 Operator : SJ/JU
 Sample : J1774-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-19

Quant Time: Mar 05 14:28:09 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

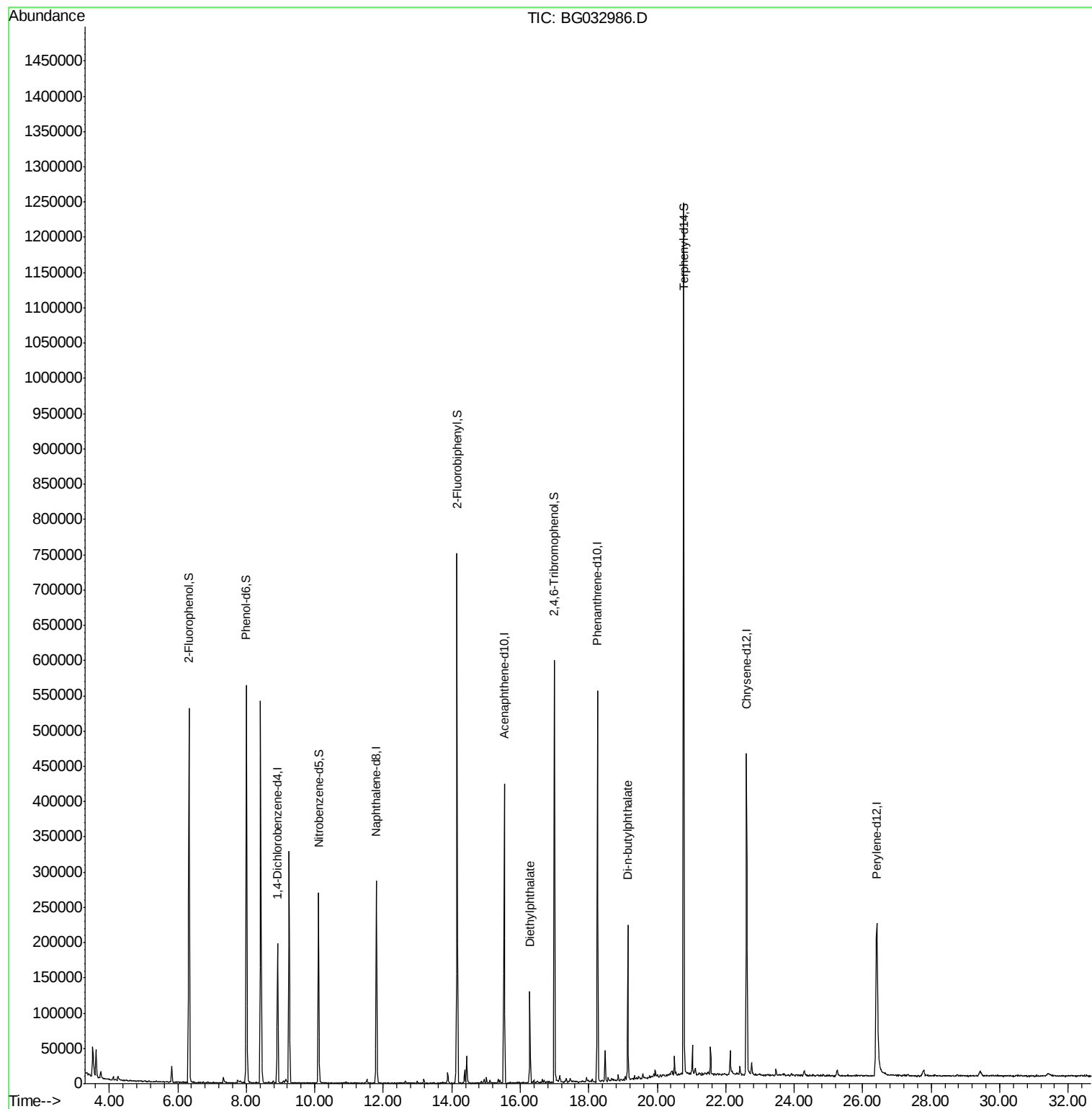
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	58257	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	258147	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	150126	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	336133	20.00	ng	0.00
75) Chrysene-d12	22.61	240	311943	20.00	ng	-0.01
86) Perylene-d12	26.40	264	310128	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	250489	68.79	ng	0.00
7) Phenol-d6	8.00	99	345877	68.15	ng	-0.01
23) Nitrobenzene-d5	10.11	82	170680	50.44	ng	-0.01
41) 2,4,6-Tribromophenol	17.00	330	105653	66.93	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	385159	37.00	ng	-0.01
78) Terphenyl-d14	20.77	244	555711	40.02	ng	0.00
Target Compounds						
59) Diethylphthalate	16.28	149	73374	5.457	ng	98
73) Di-n-butylphthalate	19.14	149	155214	6.818	ng	98

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

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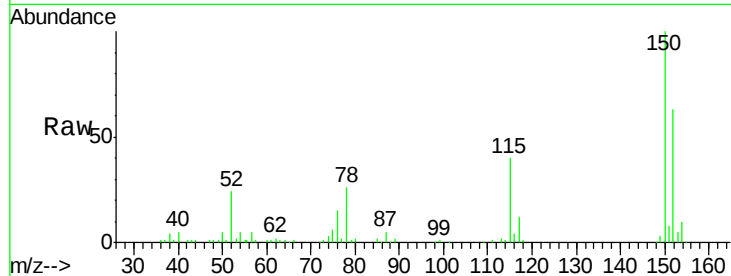


#1

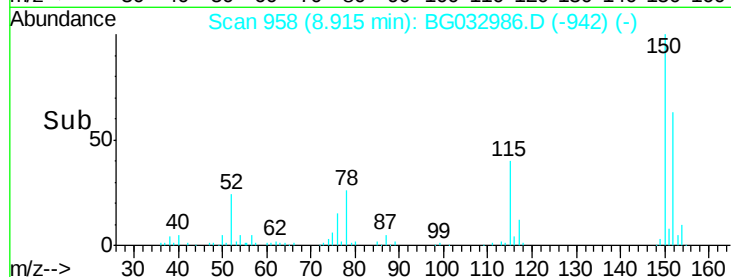
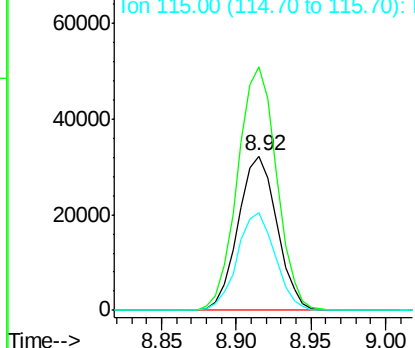
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032986.D
Acq: 5 Mar 2018 12:49

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-19

Tot Ion:152 Resp: 58257
Ion Ratio Lower Upper
152 100
150 157.7 126.6 189.8
115 63.3 53.0 79.4



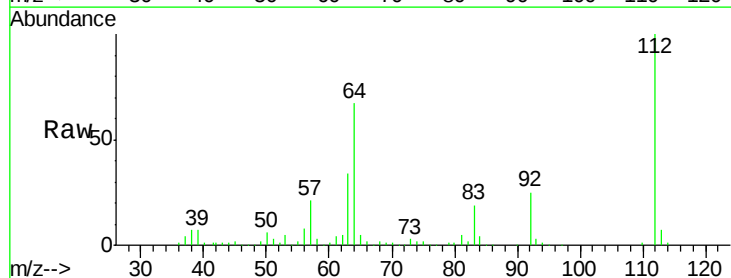
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



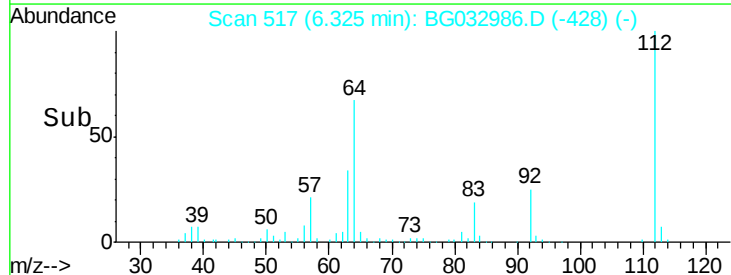
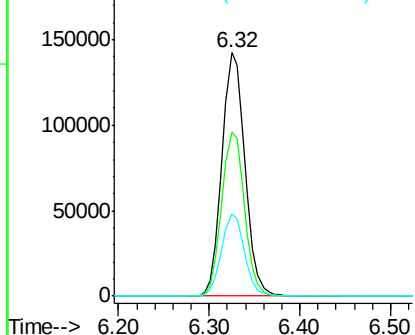
#5

2-Fluorophenol
Concen: 68.789 ng
RT: 6.32 min Scan# 517
Delta R.T. -0.01 min
Lab File: BG032986.D
Acq: 5 Mar 2018 12:49

Tgt Ion:112 Resp: 250489
Ion Ratio Lower Upper
112 100
64 67.2 56.3 84.5
63 33.9 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: 68.145 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG032986.D

Acq: 5 Mar 2018 12:49

Instrument :

BNA_G

ClientSampleId :

CLEAN-SAND-19

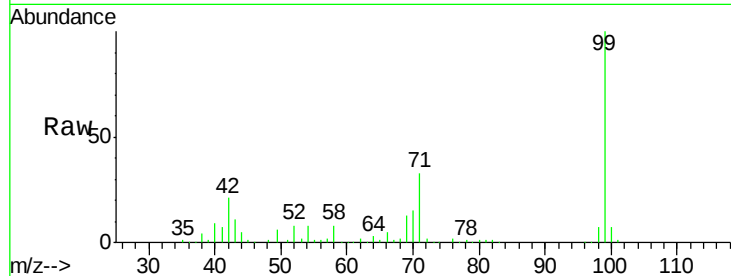
Tot Ion: 99 Resp: 345877

Ion Ratio Lower Upper

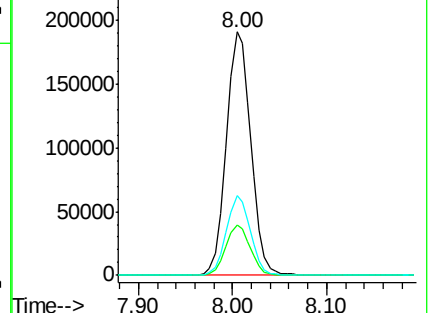
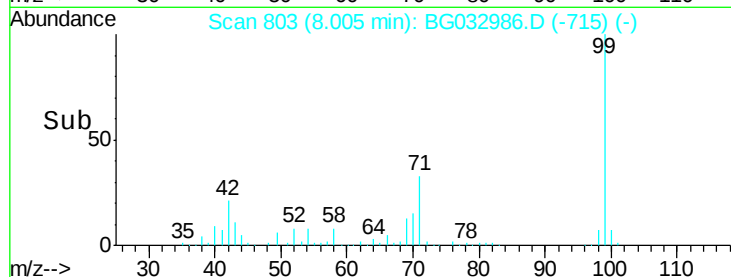
99 100

42 20.7 14.1 21.1

71 32.9 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: 11.80 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BG032986.D

Acq: 5 Mar 2018 12:49

Tgt Ion: 136 Resp: 258147

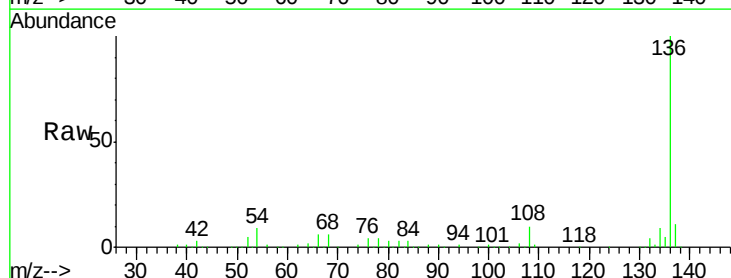
Ion Ratio Lower Upper

136 100

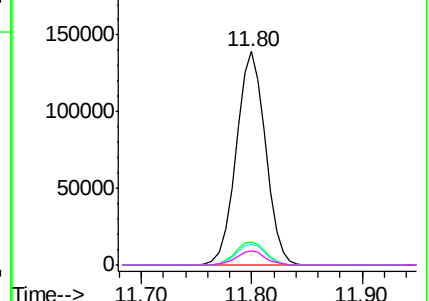
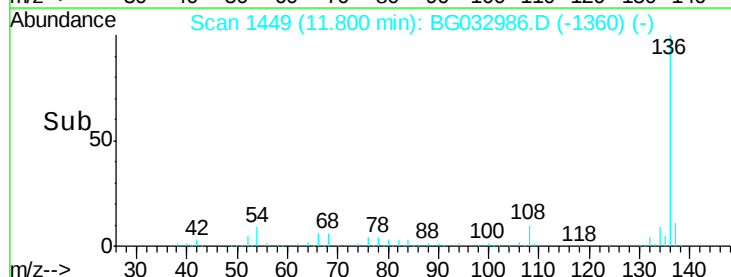
137 10.7 9.2 13.8

54 9.5 10.3 15.5#

68 6.4 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

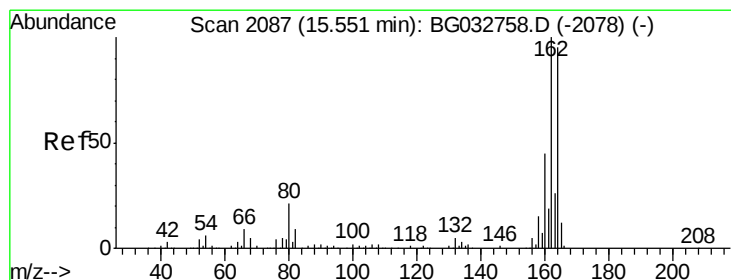
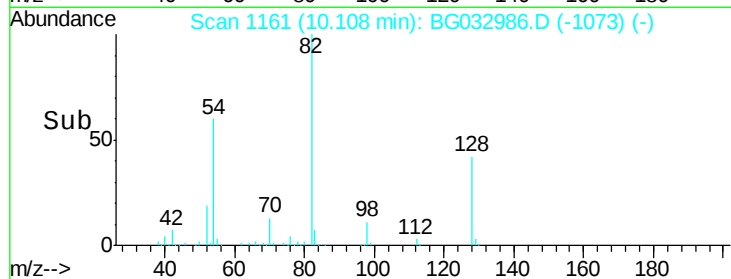
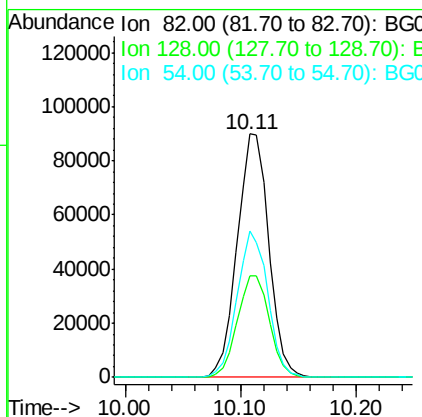
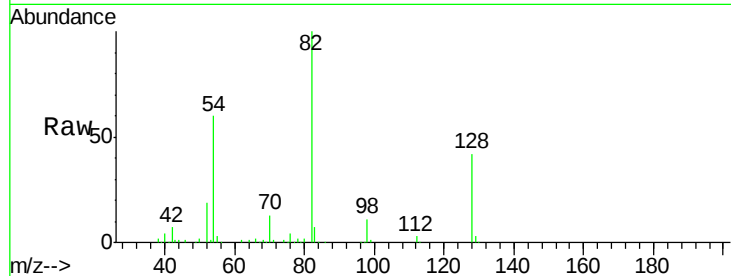




#23
 Nitrobenzene-d5
 Concen: 50.444 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BG032986.D
 Acq: 5 Mar 2018 12:49

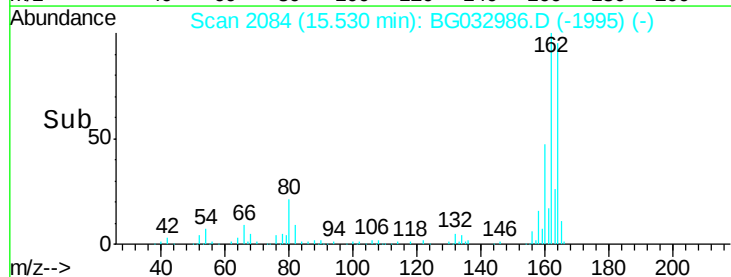
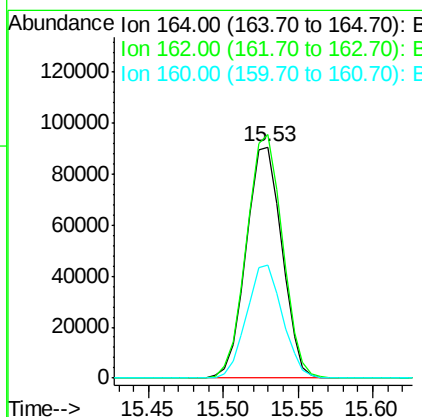
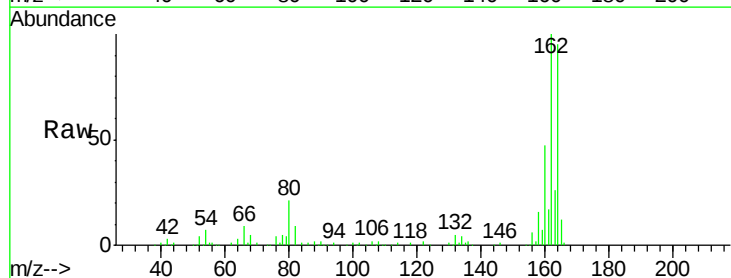
Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-19

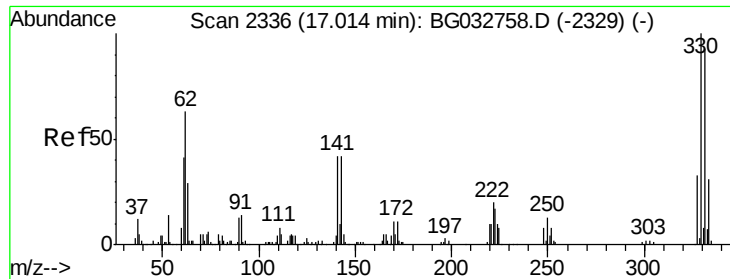
Tot Ion	82	Resp	170680
Ion Ratio	Lower	Upper	
82	100		
128	42.0	29.7	44.5
54	59.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BG032986.D
 Acq: 5 Mar 2018 12:49

Tgt Ion	164	Resp	150126
Ion Ratio	Lower	Upper	
164	100		
162	105.3	78.8	118.2
160	49.0	35.4	53.0

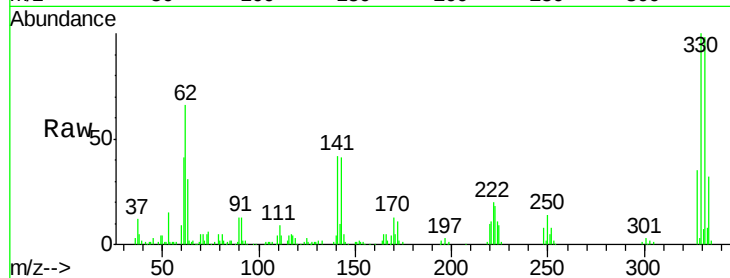




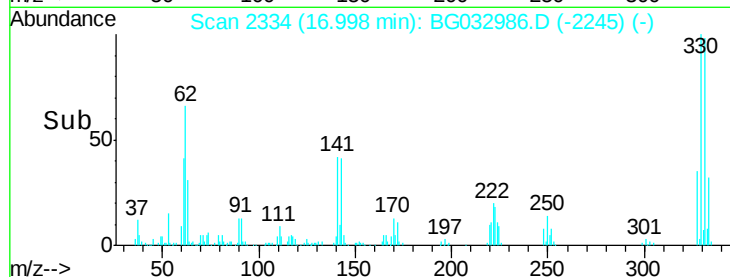
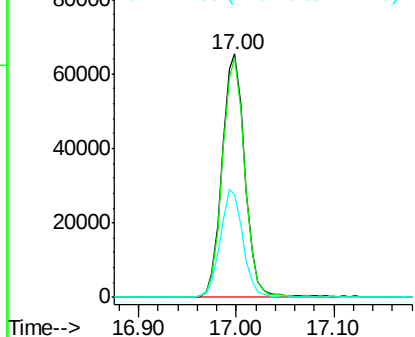
#41
 2,4,6-Tribromophenol
 Concen: 66.932 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: BG032986.D
 Acq: 5 Mar 2018 12:49

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-19

Tot Ion:330 Resp: 105653
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 44.1 25.2 37.8#

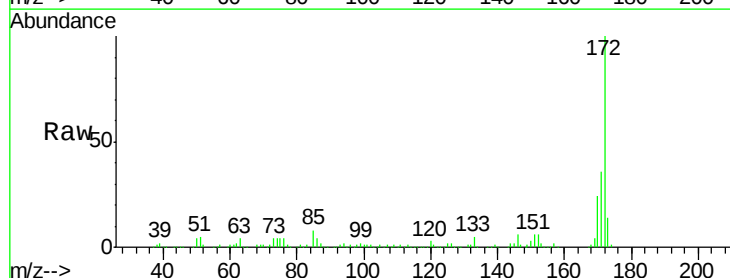


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

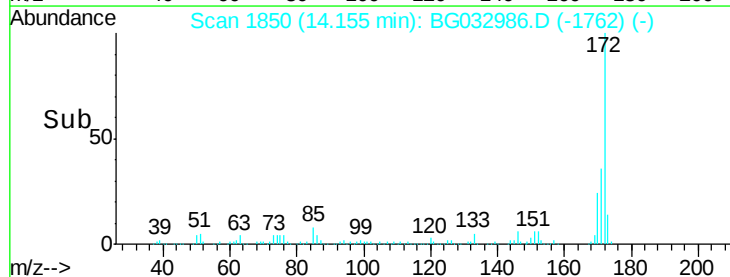
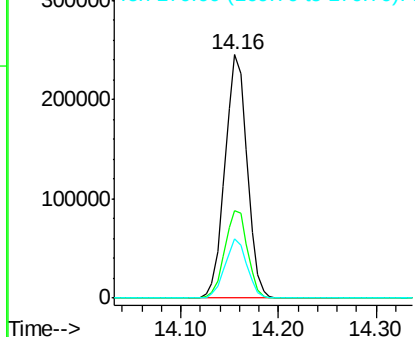


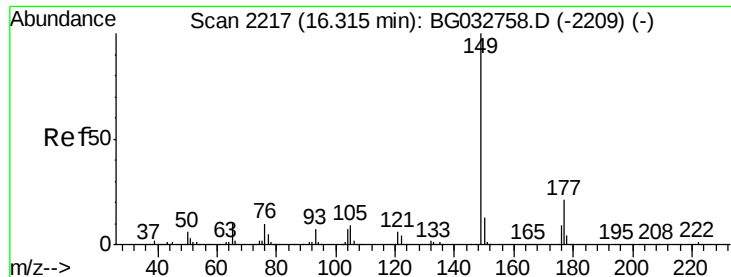
#44
 2-Fluorobiphenyl
 Concen: 37.002 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG032986.D
 Acq: 5 Mar 2018 12:49

Tgt Ion:172 Resp: 385159
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.0 45.0
 170 24.4 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

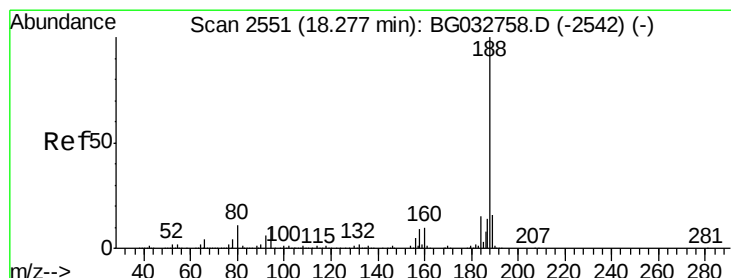
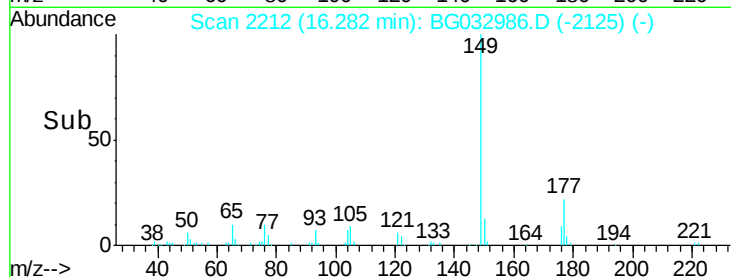
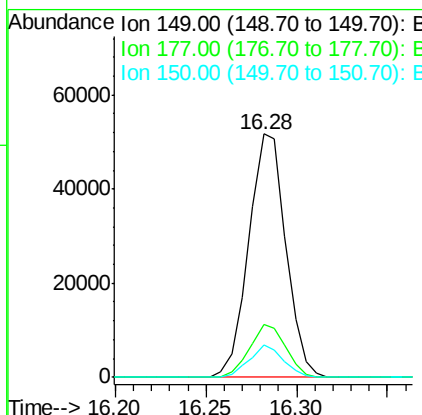
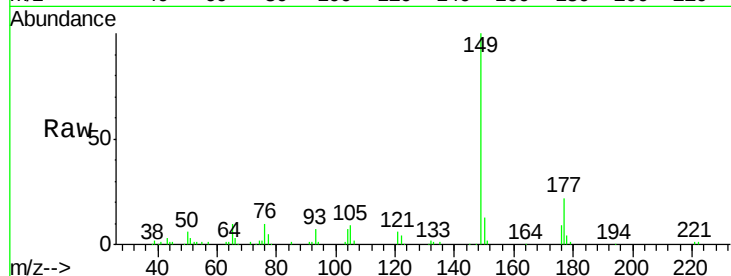




#59
Diethylphthalate
Concen: 5.457 ng
RT: 16.28 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BG032986.D
Acq: 5 Mar 2018 12:49

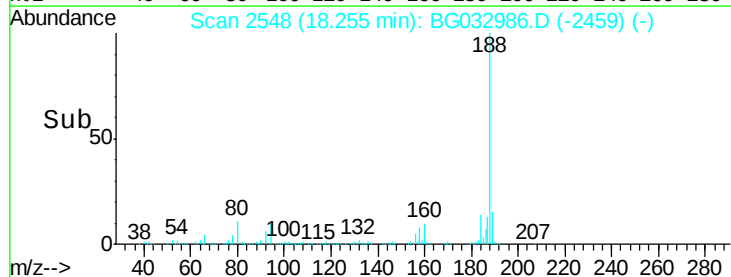
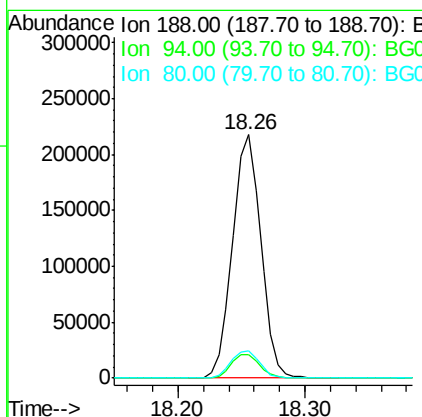
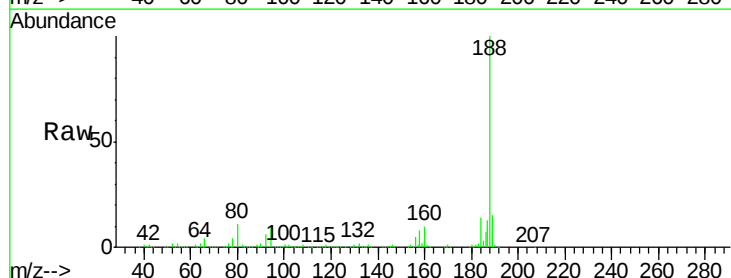
Instrument :
BNA_G
ClientSampled :
CLEAN-SAND-19

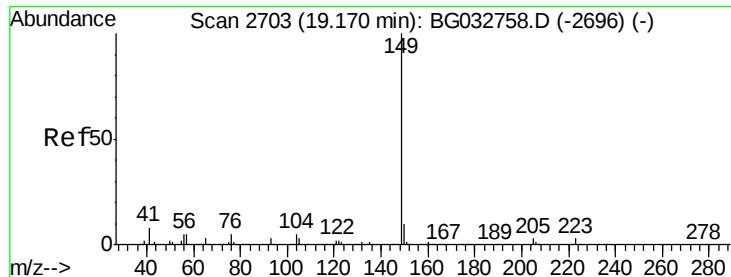
Tot Ion:149 Resp: 73374
Ion Ratio Lower Upper
149 100
177 21.6 18.5 27.7
150 13.2 10.2 15.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BG032986.D
Acq: 5 Mar 2018 12:49

Tgt Ion:188 Resp: 336133
Ion Ratio Lower Upper
188 100
94 9.6 6.9 10.3
80 11.1 7.7 11.5





#73

Di-n-butylphthalate

Concen: 6.818 ng

RT: 19.14 min Scan# 2698

Delta R.T. -0.01 min

Lab File: BG032986.D

Acq: 5 Mar 2018 12:49

Instrument :

BNA_G

ClientSampleId :

CLEAN-SAND-19

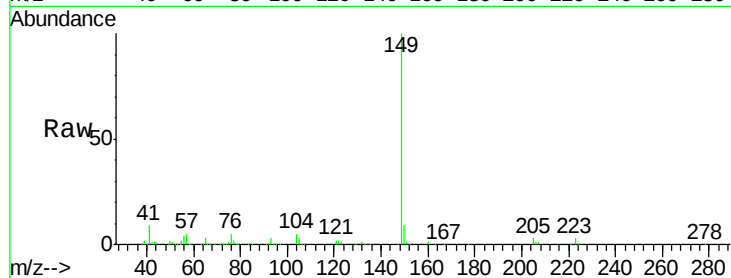
Tot Ion:149 Resp: 155214

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

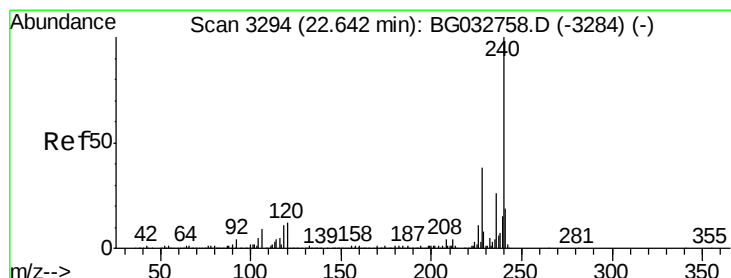
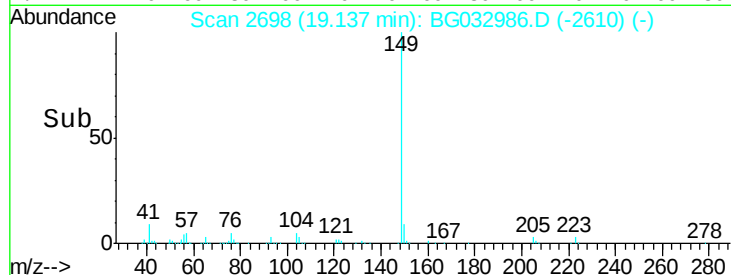
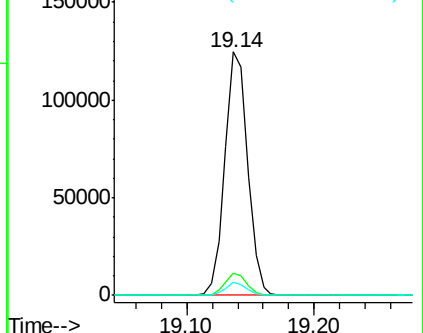
104 5.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3289

Delta R.T. -0.01 min

Lab File: BG032986.D

Acq: 5 Mar 2018 12:49

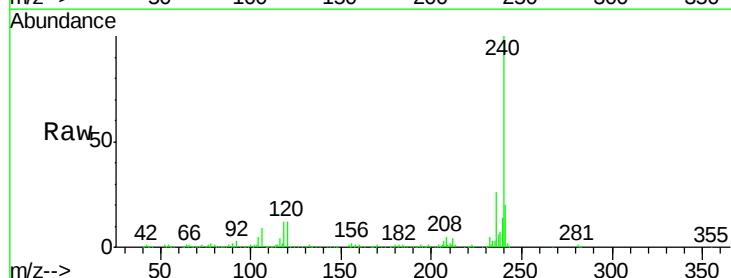
Tgt Ion:240 Resp: 311943

Ion Ratio Lower Upper

240 100

120 12.2 6.8 10.2#

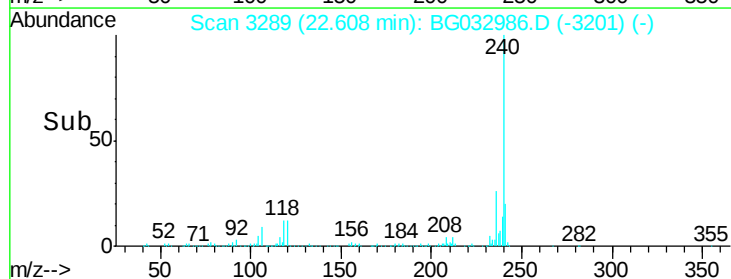
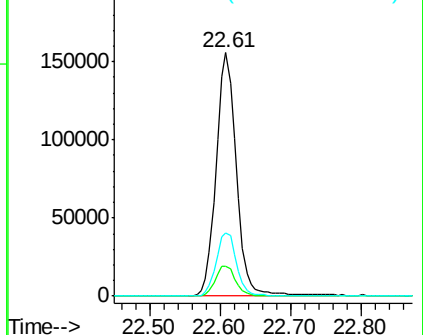
236 26.0 20.9 31.3

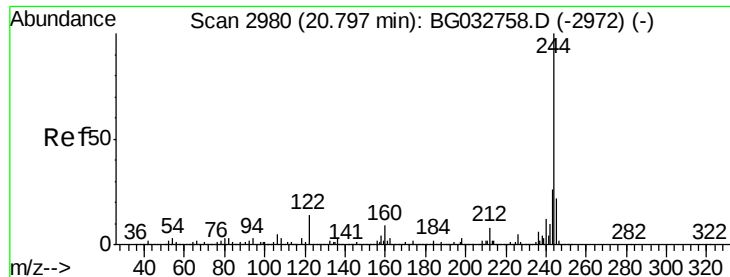


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 40.024 ng

RT: 20.77 min Scan# 2976

Delta R.T. -0.01 min

Lab File: BG032986.D

Acq: 5 Mar 2018 12:49

Instrument :

BNA_G

ClientSampleId :

CLEAN-SAND-19

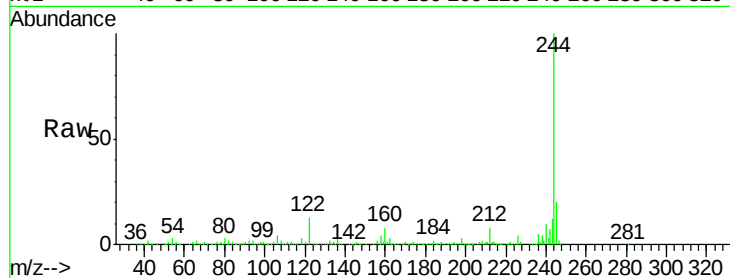
Tot Ion:244 Resp: 555711

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

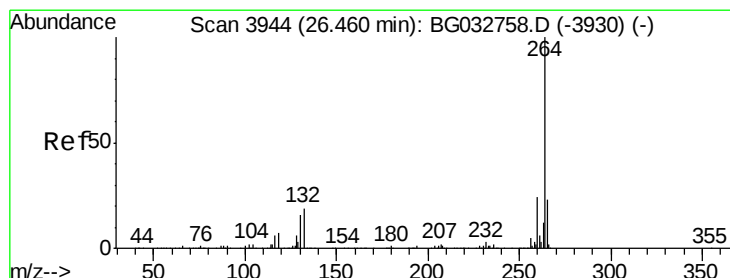
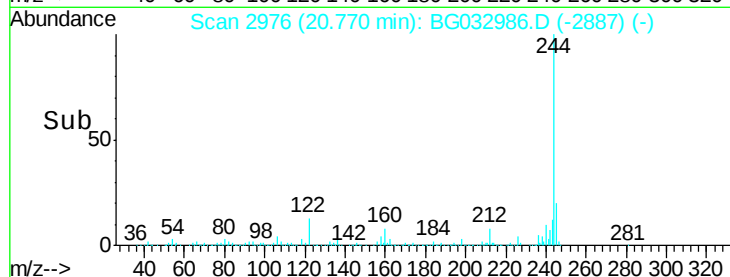
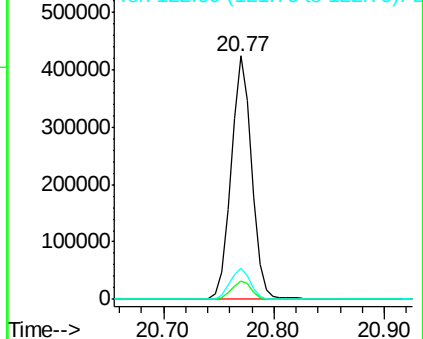
122 12.7 7.0 10.4#



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: 26.40 min Scan# 3935

Delta R.T. -0.02 min

Lab File: BG032986.D

Acq: 5 Mar 2018 12:49

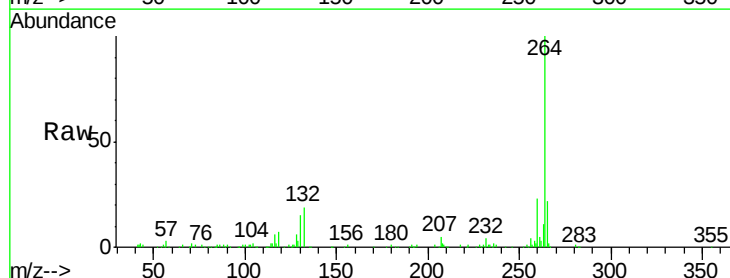
Tgt Ion:264 Resp: 310128

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 22.1 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

