

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032980.D
 Acq On : 3 Mar 2018 13:37
 Operator : SJ/JU
 Sample : J1774-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-19

Quant Time: Mar 05 03:06:20 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

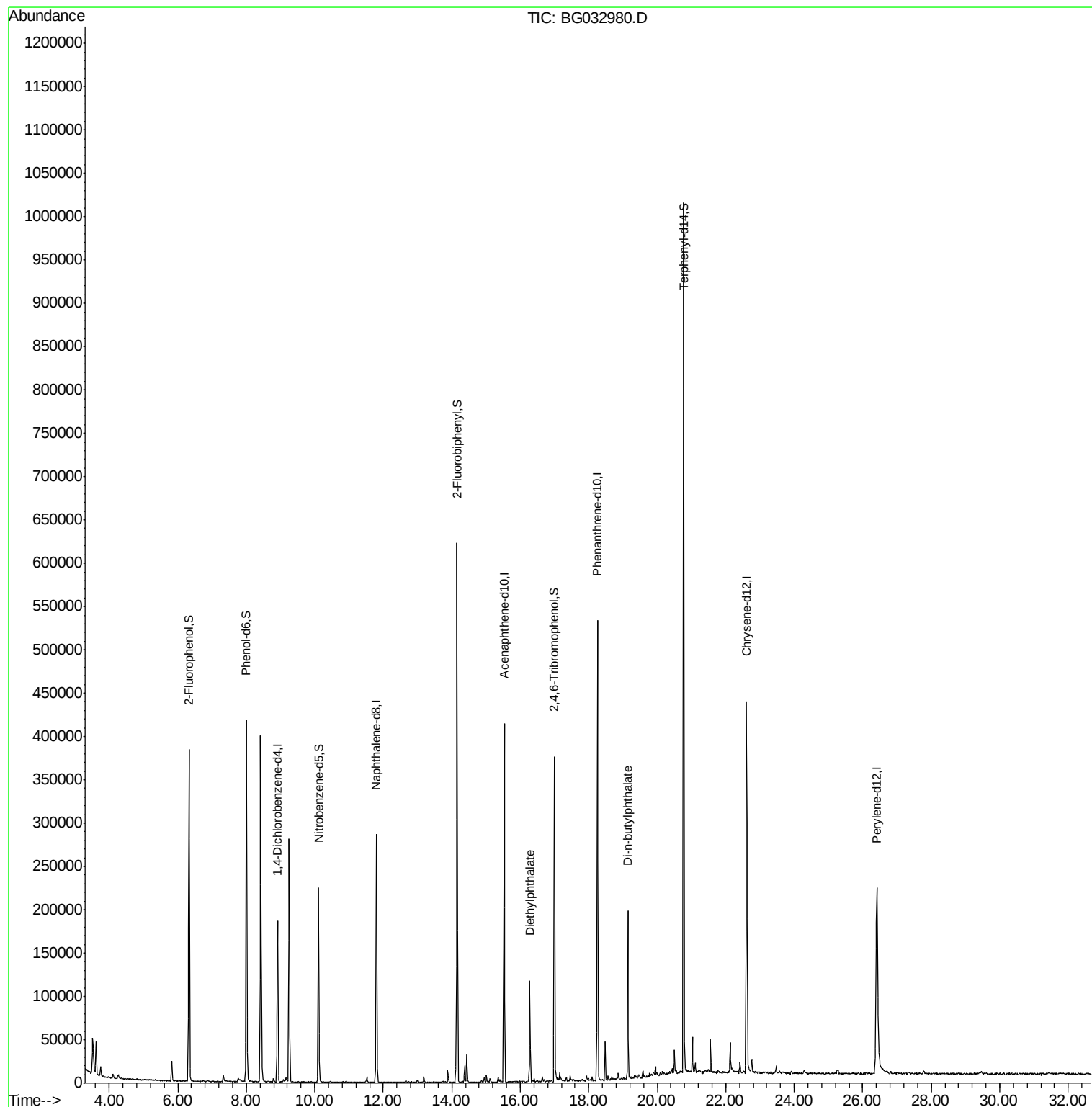
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	56625	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	250470	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	144461	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	323344	20.00	ng	0.00
75) Chrysene-d12	22.61	240	296469	20.00	ng	-0.01
86) Perylene-d12	26.41	264	297325	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	185218	52.33	ng	0.00
7) Phenol-d6	8.01	99	255079	51.70	ng	-0.01
23) Nitrobenzene-d5	10.11	82	143692	45.08	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	66227	43.60	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	326656	32.61	ng	-0.01
78) Terphenyl-d14	20.77	244	464628	35.21	ng	0.00
Target Compounds						
59) Diethylphthalate	16.28	149	70538	5.452	ng	97
73) Di-n-butylphthalate	19.14	149	147084	6.716	ng	99

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

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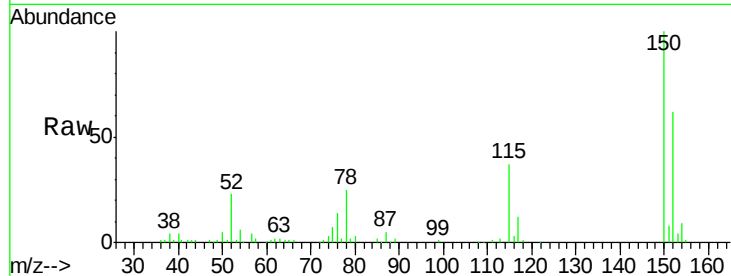


#1

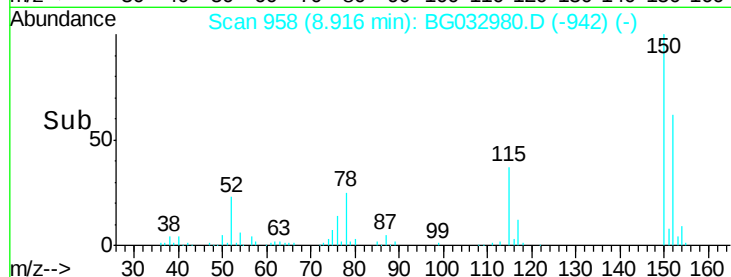
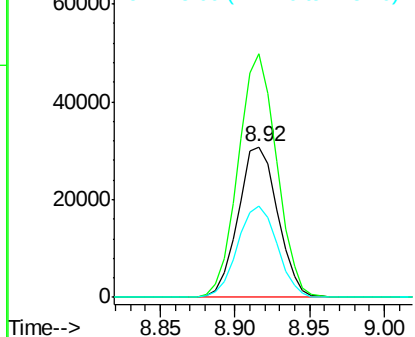
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG032980.D
Acq: 3 Mar 2018 13:37

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-19

Tot Ion:152 Resp: 56625
Ion Ratio Lower Upper
152 100
150 161.8 126.6 189.8
115 60.7 53.0 79.4



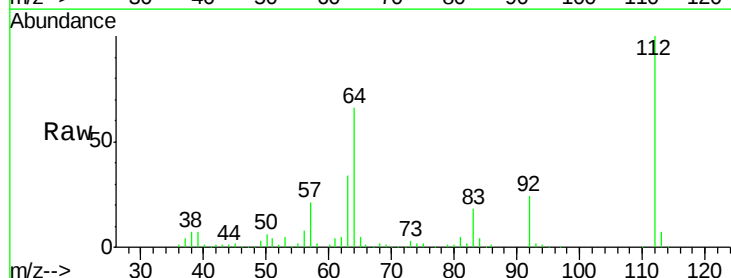
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



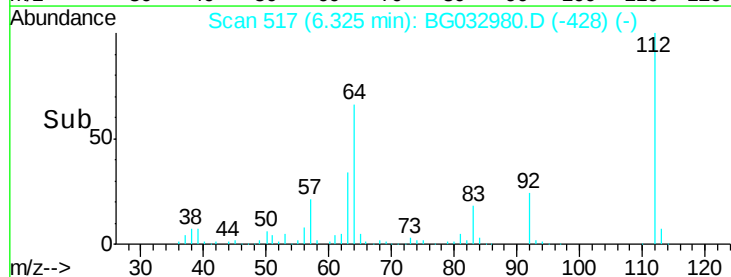
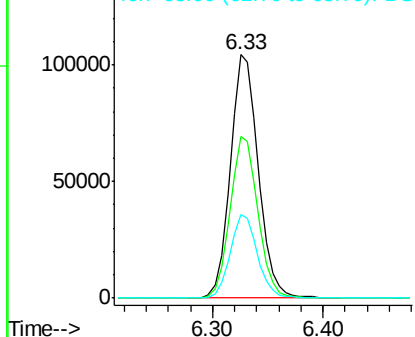
#5

2-Fluorophenol
Concen: 52.331 ng
RT: 6.33 min Scan# 517
Delta R.T. -0.00 min
Lab File: BG032980.D
Acq: 3 Mar 2018 13:37

Tgt Ion:112 Resp: 185218
Ion Ratio Lower Upper
112 100
64 66.3 56.3 84.5
63 34.3 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: 51.704 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG032980.D

Acq: 3 Mar 2018 13:37

Instrument :

BNA_G

ClientSampleId :

CLEAN-SAND-19

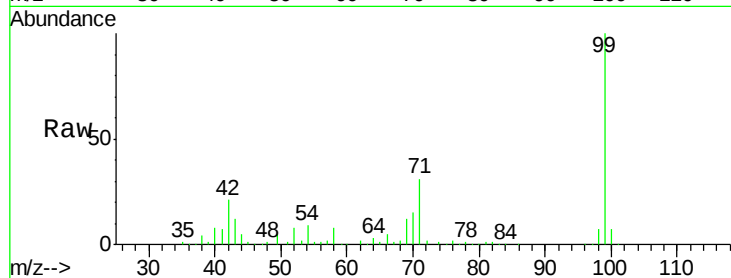
Tot Ion: 99 Resp: 255079

Ion Ratio Lower Upper

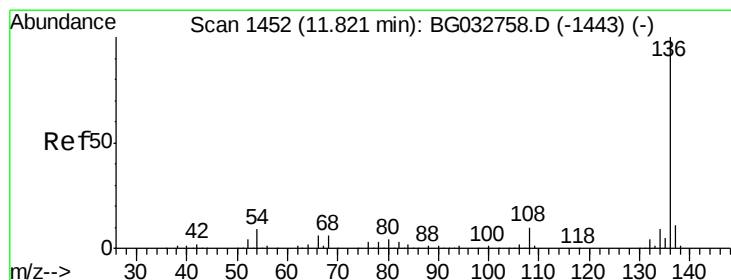
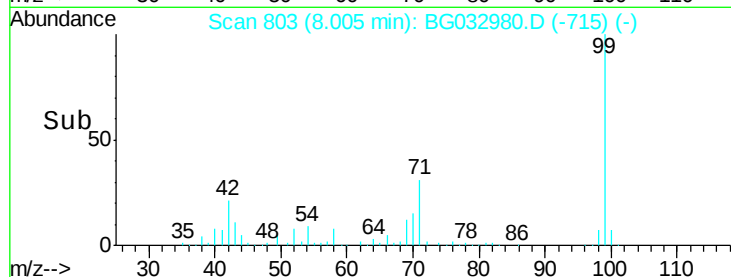
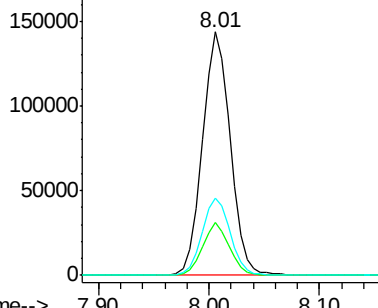
99 100

42 21.5 14.1 21.1#

71 31.5 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: 11.80 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BG032980.D

Acq: 3 Mar 2018 13:37

Tgt Ion: 136 Resp: 250470

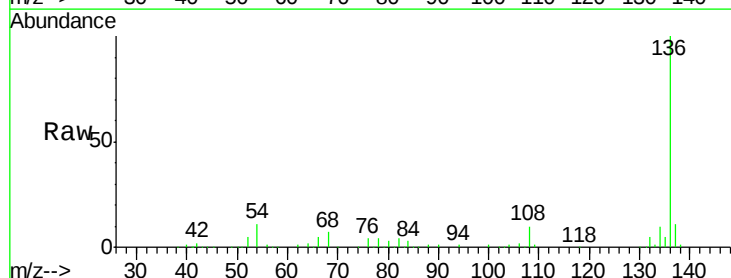
Ion Ratio Lower Upper

136 100

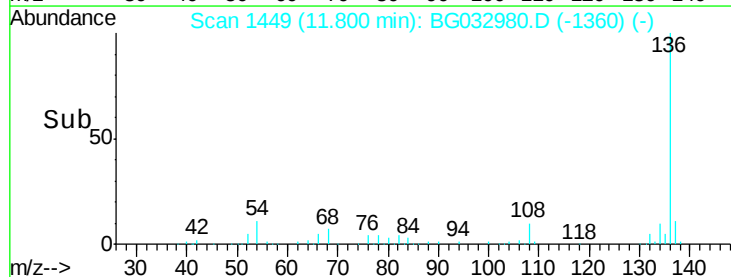
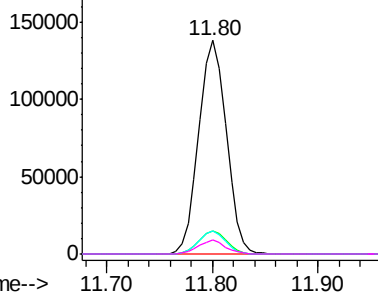
137 11.1 9.2 13.8

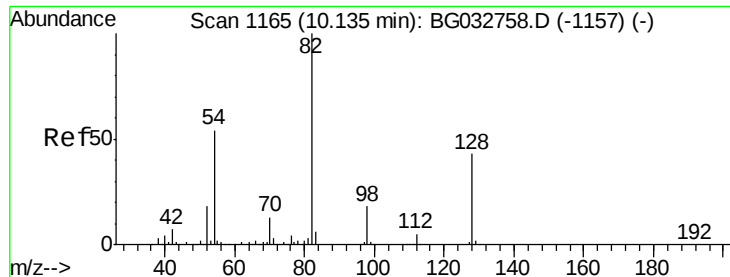
54 10.8 10.3 15.5

68 6.8 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

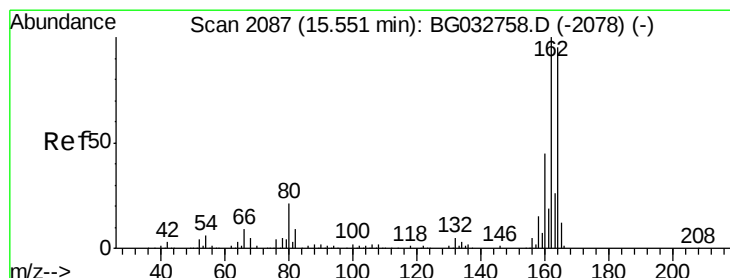
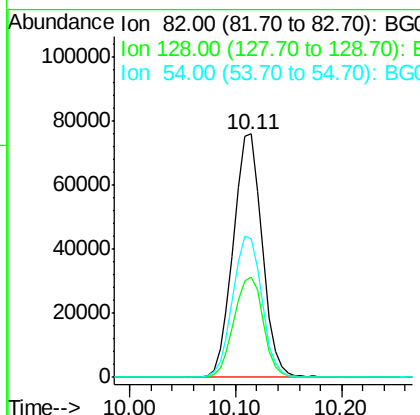
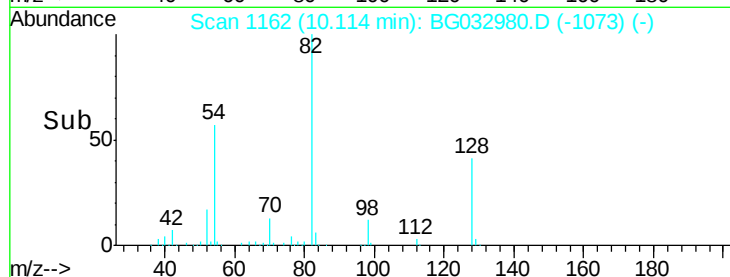
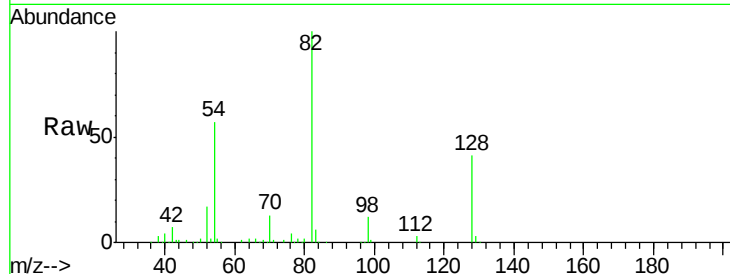




#23
Nitrobenzene-d5
Concen: 45.081 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG032980.D
Acq: 3 Mar 2018 13:37

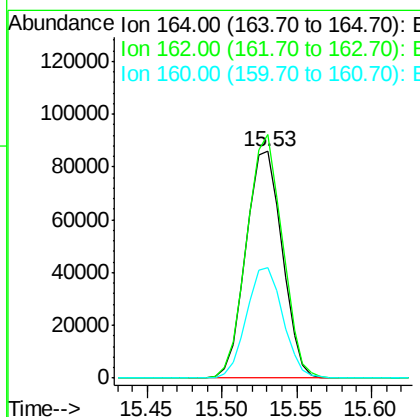
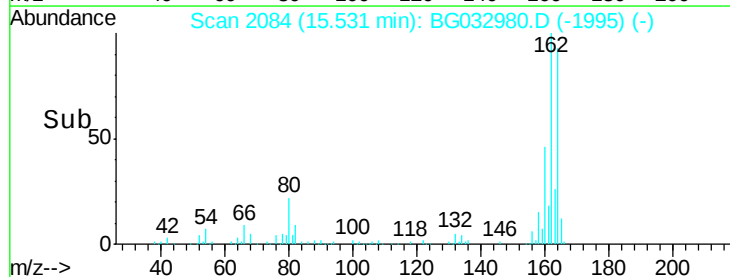
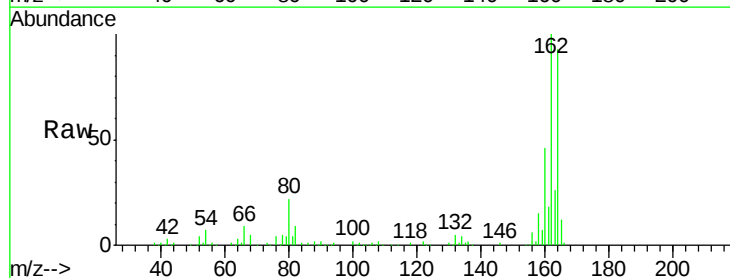
Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-19

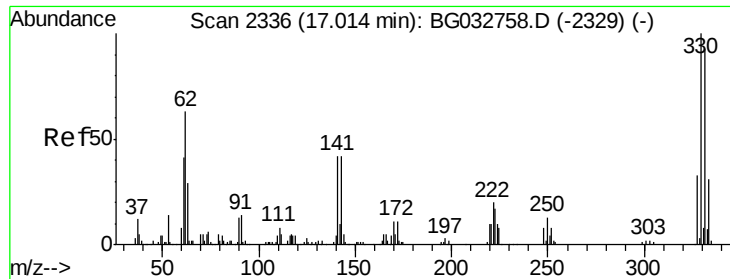
Tot Ion: 82 Resp: 143692
Ion Ratio Lower Upper
82 100
128 41.3 29.7 44.5
54 56.9 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG032980.D
Acq: 3 Mar 2018 13:37

Tgt Ion:164 Resp: 144461
Ion Ratio Lower Upper
164 100
162 107.4 78.8 118.2
160 48.9 35.4 53.0

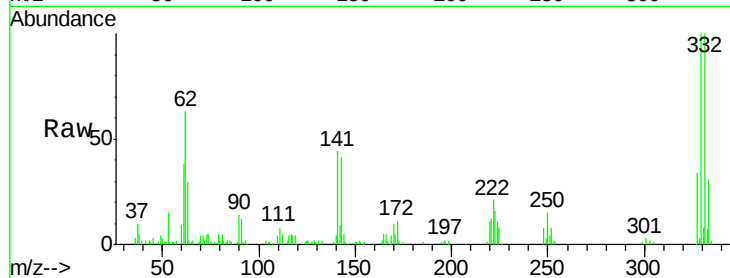




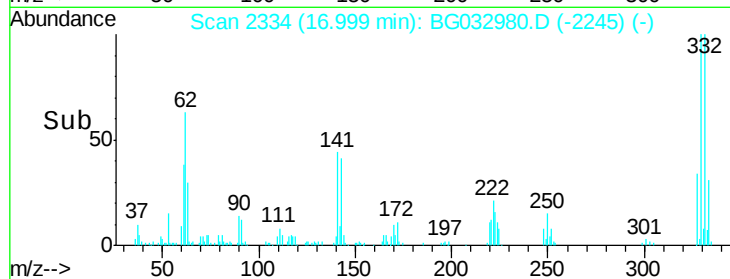
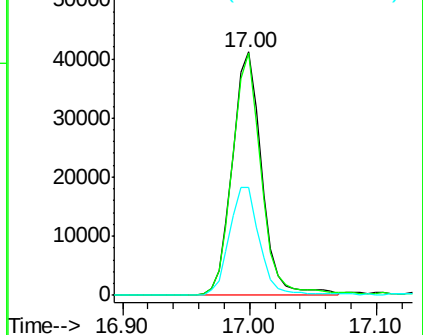
#41
 2,4,6-Tribromophenol
 Concen: 43.600 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.00 min
 Lab File: BG032980.D
 Acq: 3 Mar 2018 13:37

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-19

Tot Ion:330 Resp: 66227
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 46.0 25.2 37.8#

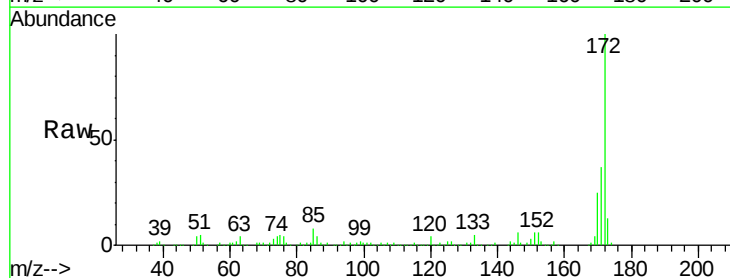


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

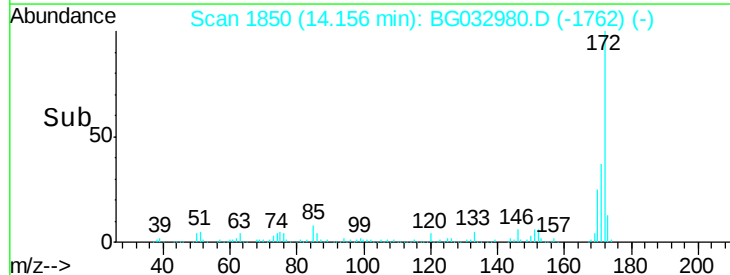
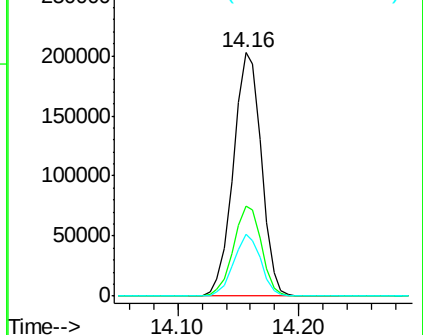


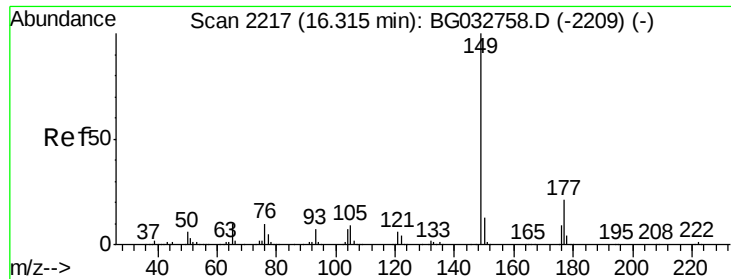
#44
 2-Fluorobiphenyl
 Concen: 32.612 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG032980.D
 Acq: 3 Mar 2018 13:37

Tgt Ion:172 Resp: 326656
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 25.3 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

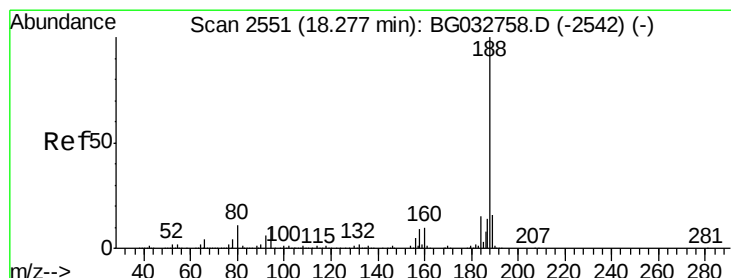
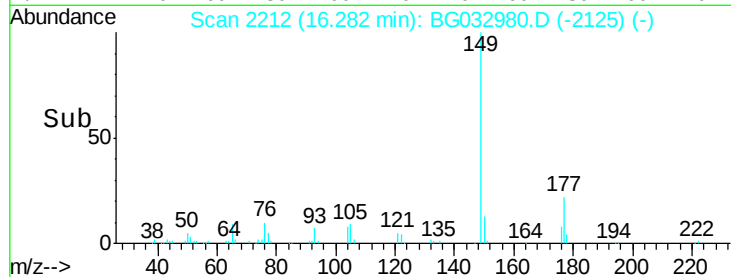
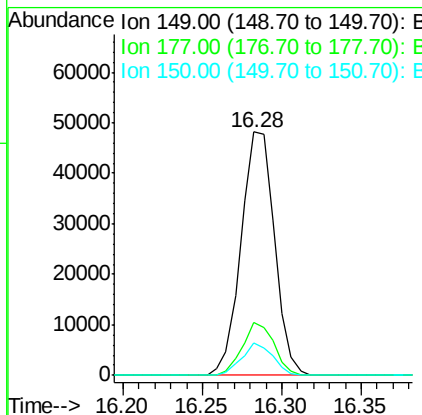
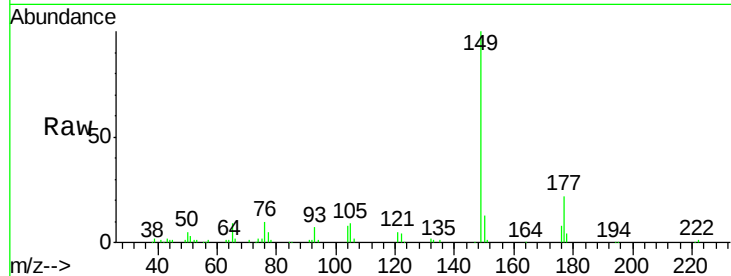




#59
Diethylphthalate
Concen: 5.452 ng
RT: 16.28 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BG032980.D
Acq: 3 Mar 2018 13:37

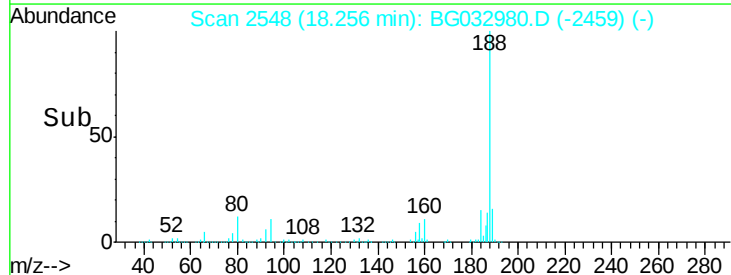
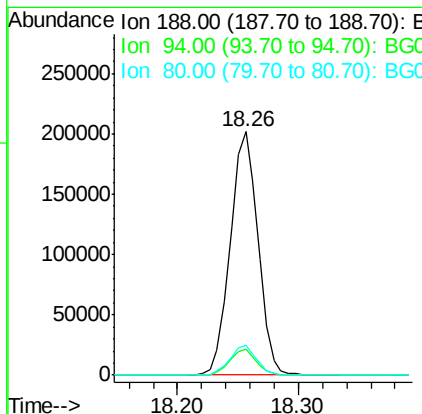
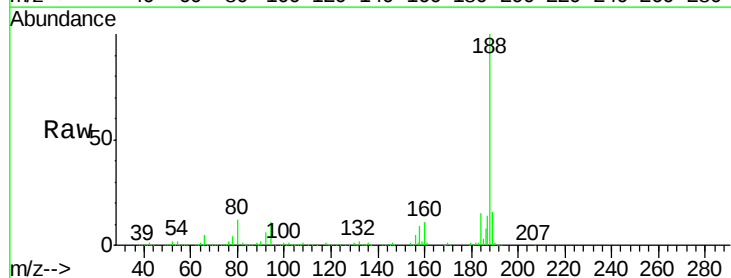
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ClientSampleId :
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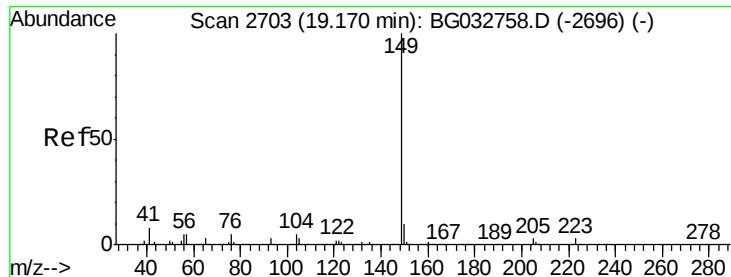
Tot Ion:149 Resp: 70538
Ion Ratio Lower Upper
149 100
177 21.5 18.5 27.7
150 13.3 10.2 15.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.00 min
Lab File: BG032980.D
Acq: 3 Mar 2018 13:37

Tgt Ion:188 Resp: 323344
Ion Ratio Lower Upper
188 100
94 10.6 6.9 10.3#
80 12.2 7.7 11.5#

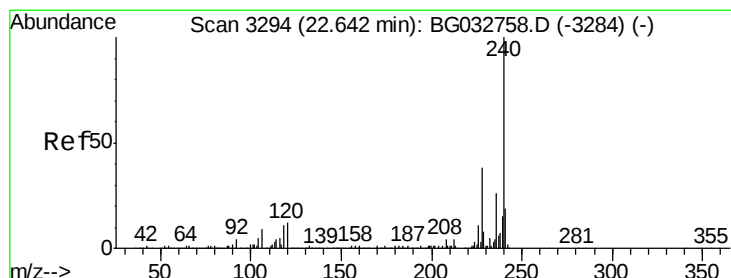
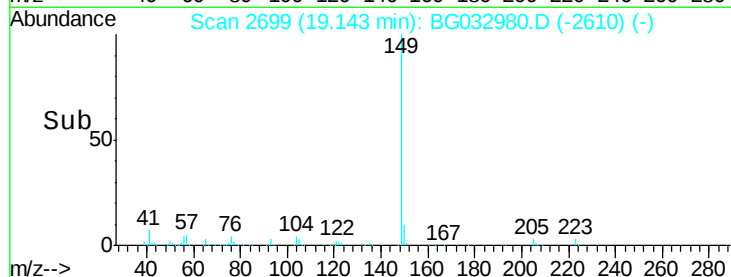
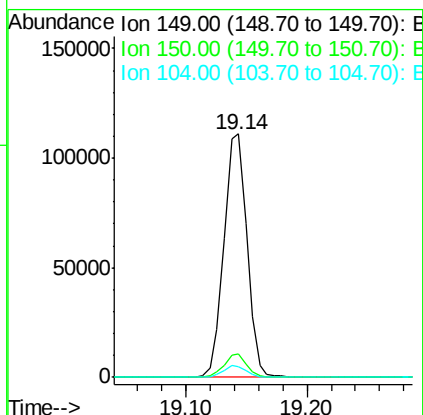
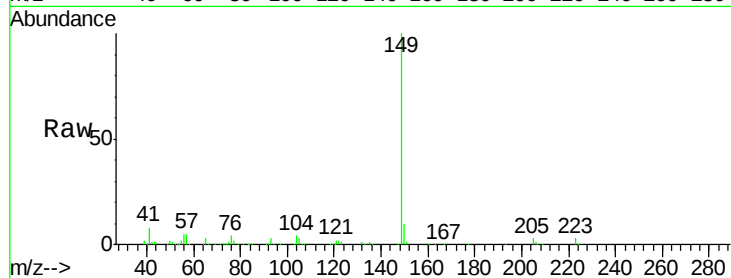




#73
Di-n-butylphthalate
Concen: 6.716 ng
RT: 19.14 min Scan# 2699
Delta R.T. -0.00 min
Lab File: BG032980.D
Acq: 3 Mar 2018 13:37

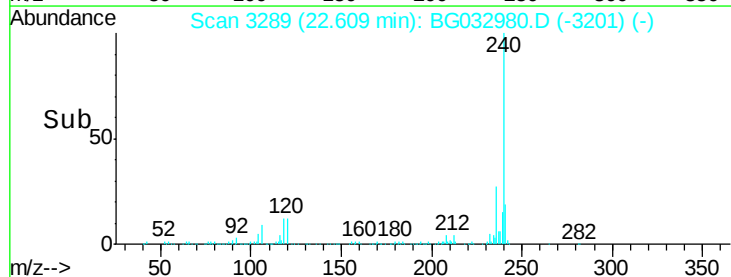
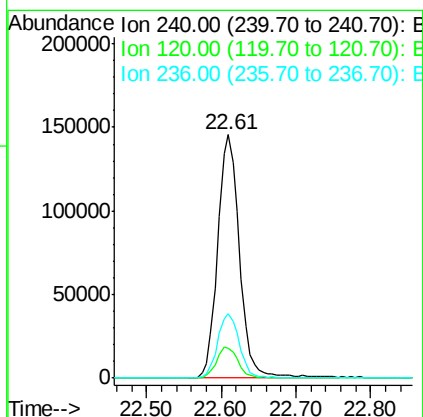
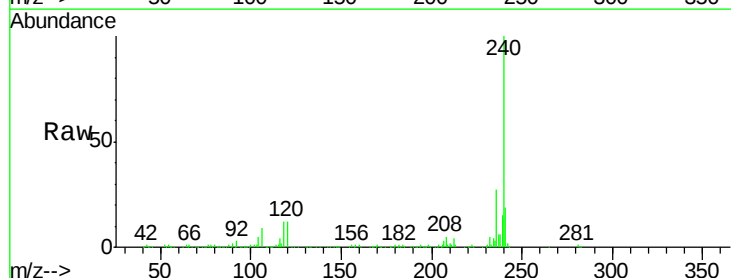
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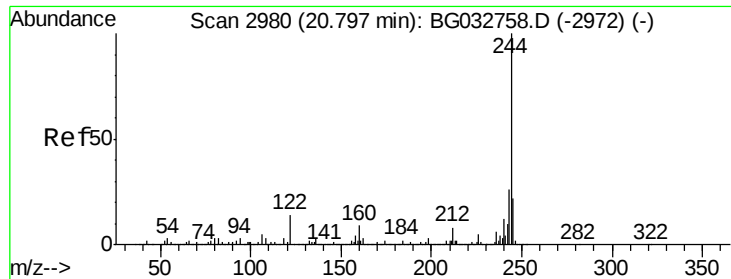
Tot Ion:149 Resp: 147084
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.4 3.9 5.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. -0.01 min
Lab File: BG032980.D
Acq: 3 Mar 2018 13:37

Tgt Ion:240 Resp: 296469
Ion Ratio Lower Upper
240 100
120 12.4 6.8 10.2#
236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 35.211 ng

RT: 20.77 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BG032980.D

Acq: 3 Mar 2018 13:37

Instrument :

BNA_G

ClientSampleId :

CLEAN-SAND-19

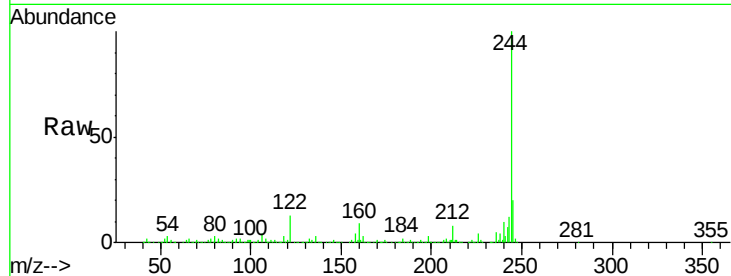
Tot Ion:244 Resp: 464628

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

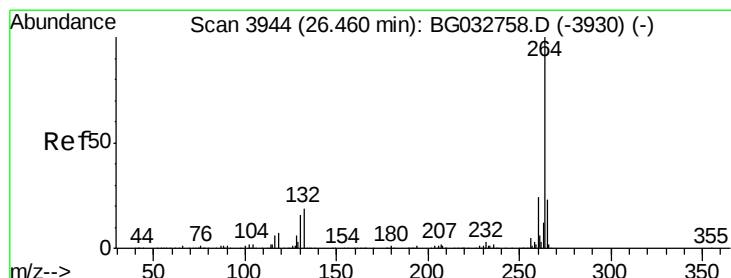
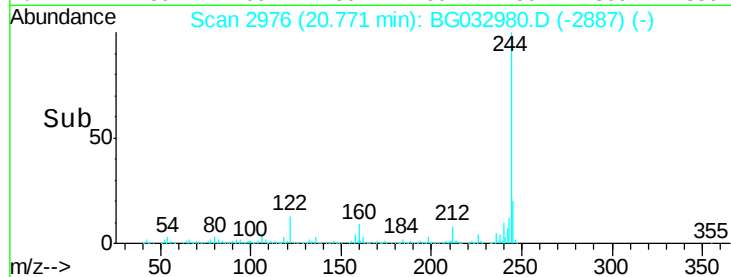
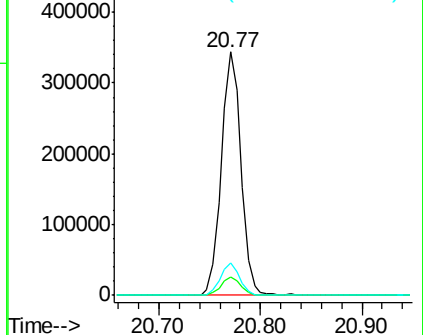
122 13.2 7.0 10.4#



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: 26.41 min Scan# 3936

Delta R.T. -0.02 min

Lab File: BG032980.D

Acq: 3 Mar 2018 13:37

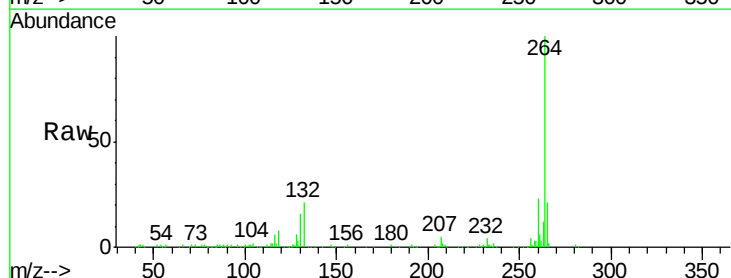
Tgt Ion:264 Resp: 297325

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 21.3 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

