

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033907.D
 Acq On : 21 Apr 2018 5:42
 Operator : SJ/JU
 Sample : J2473-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 041818-SIDI-F-U-S

Quant Time: Apr 21 06:35:33 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	63164	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	272834	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	179654	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	502330	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	569864	20.00	ng	-0.02
86) Perylene-d12	24.53	264	574016	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	205165	51.86	ng	0.00
7) Phenol-d6	7.00	99	171386	29.70	ng	0.00
23) Nitrobenzene-d5	8.98	82	514596	107.34	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	257084	122.66	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1247738	102.03	ng	-0.01
78) Terphenyl-d14	19.86	244	2436547	96.06	ng	0.00

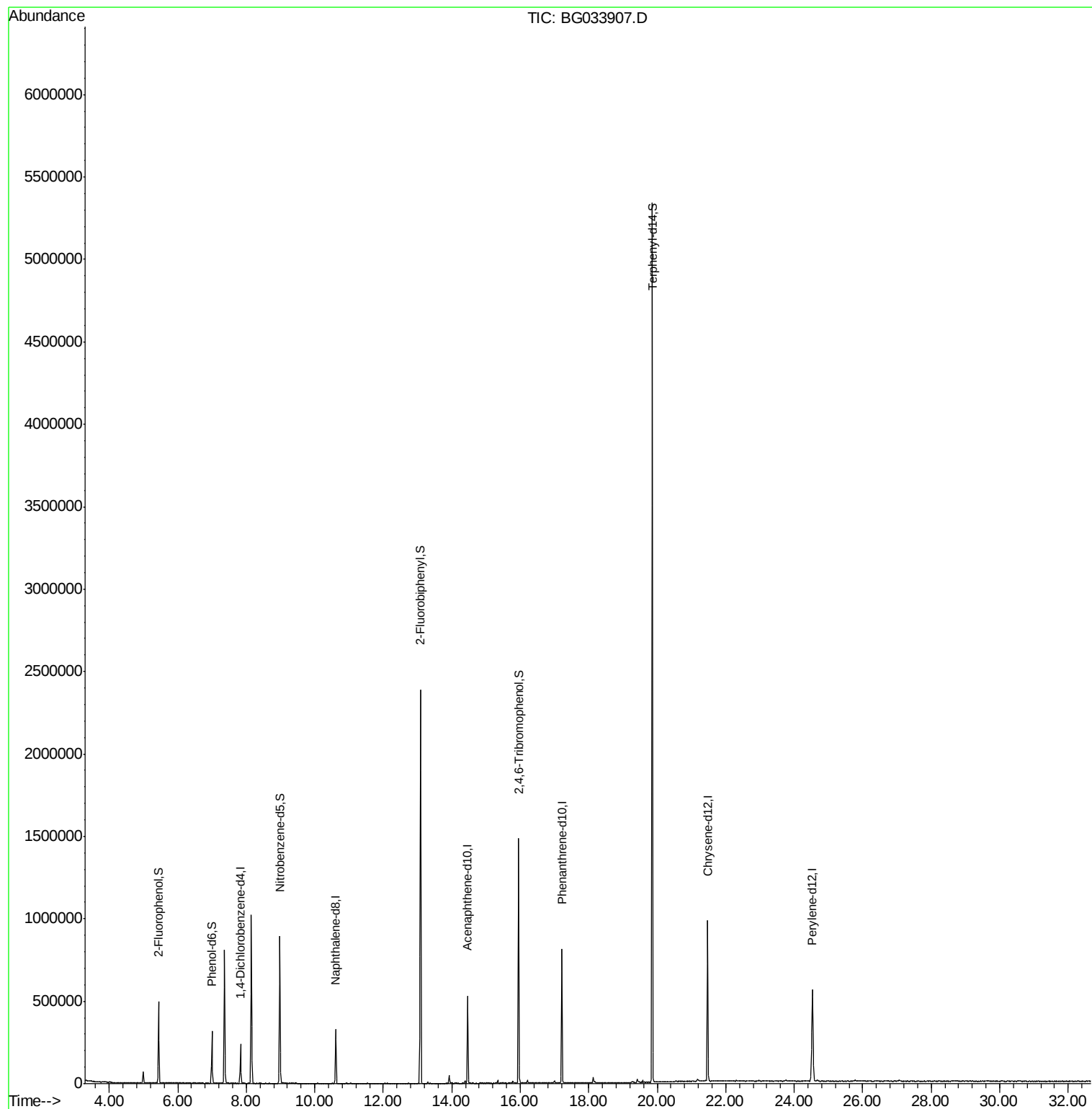
Target Compounds Qvalue

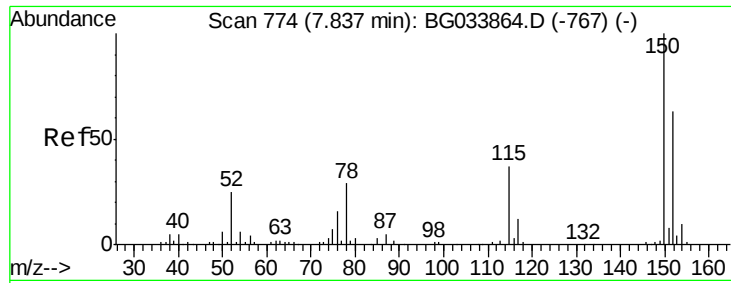
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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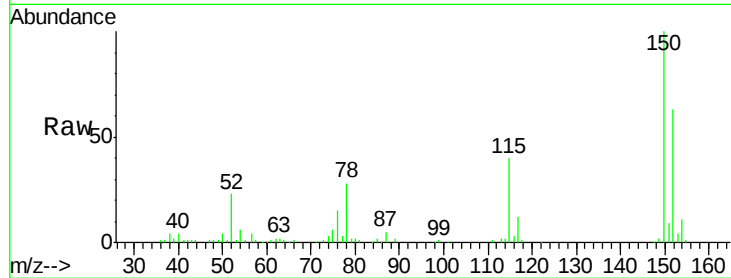


#1

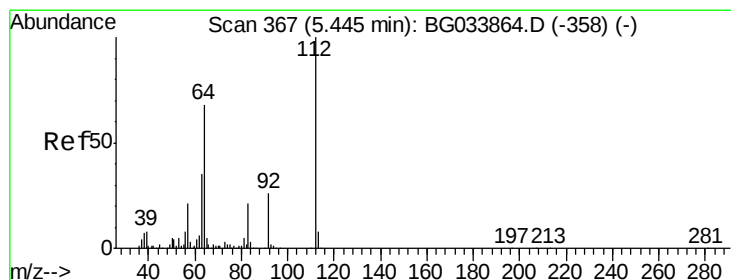
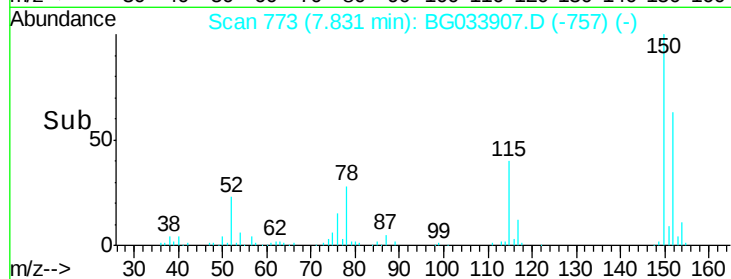
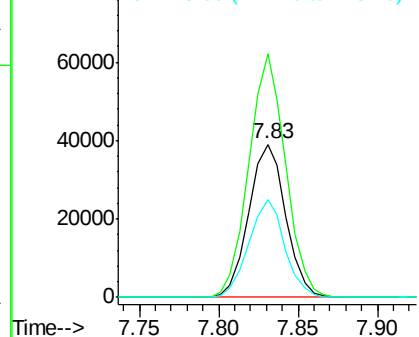
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BG033907.D
 Acq: 21 Apr 2018 5:42

Instrument :
 BNA_G
 ClientSampleId :
 041818-SIDI-F-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.6	189.8
115	64.4	53.0	79.4



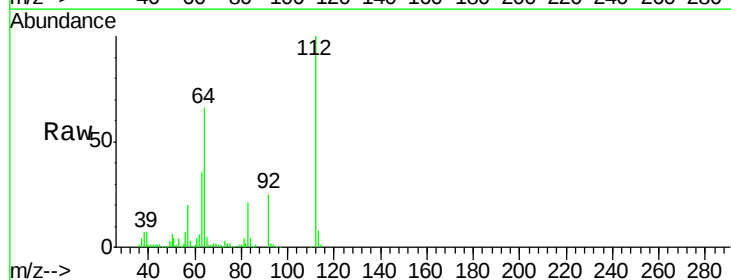
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



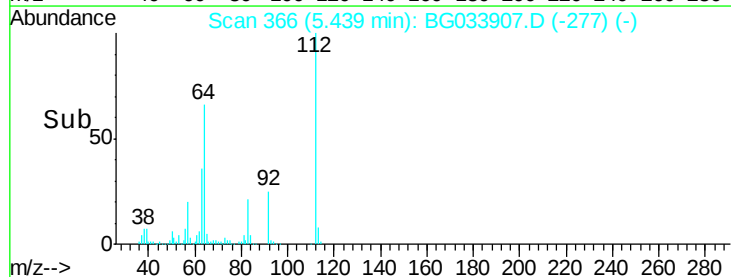
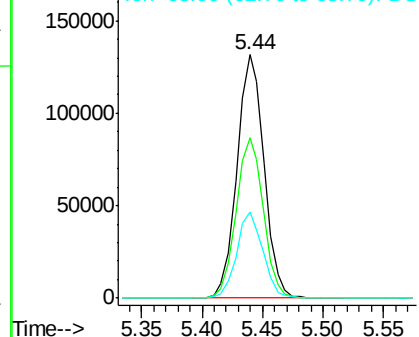
#5

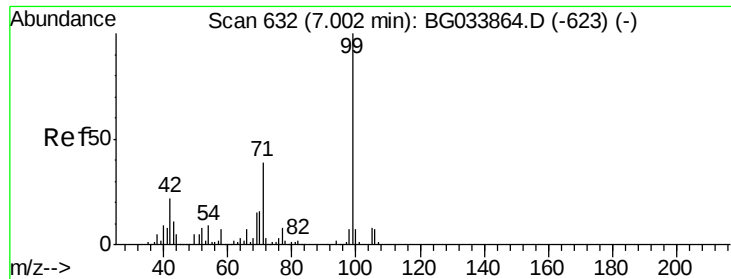
2-Fluorophenol
 Concen: 51.857 ng
 RT: 5.44 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: BG033907.D
 Acq: 21 Apr 2018 5:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	56.3	84.5
63	35.6	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 29.700 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.01 min

Lab File: BG033907.D

Acq: 21 Apr 2018 5:42

Instrument :

BNA_G

ClientSampleId :

041818-SIDI-F-U-S

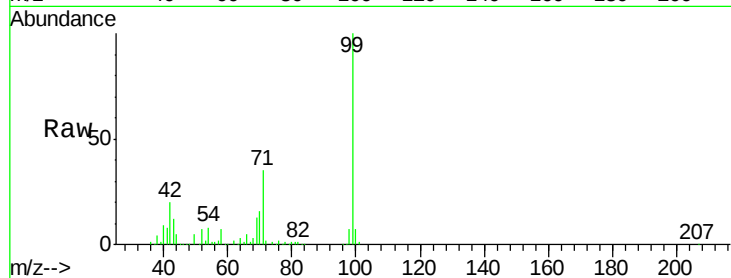
Tot Ion: 99 Resp: 171386

Ion Ratio Lower Upper

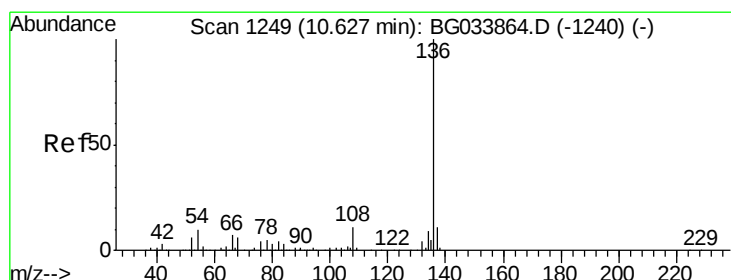
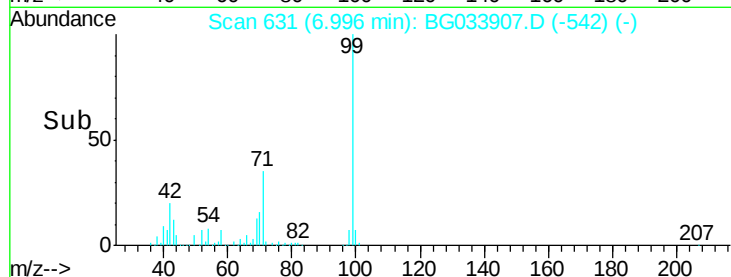
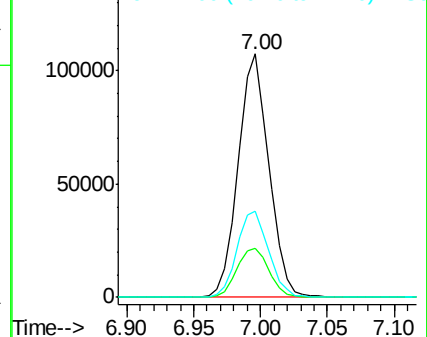
99 100

42 20.0 14.1 21.1

71 35.3 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: 10.62 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BG033907.D

Acq: 21 Apr 2018 5:42

Tgt Ion: 136 Resp: 272834

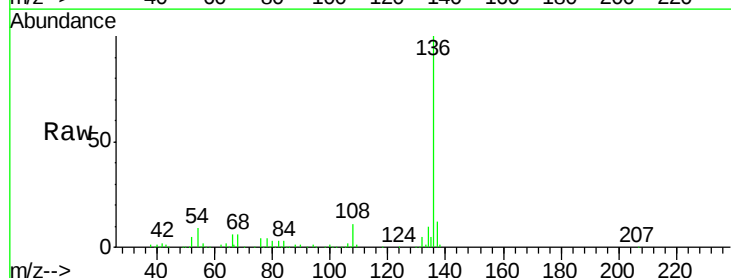
Ion Ratio Lower Upper

136 100

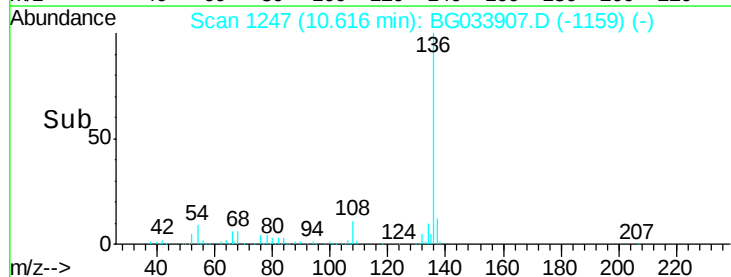
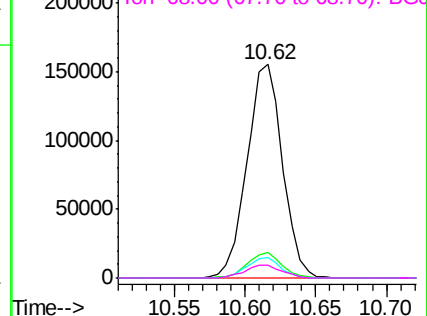
137 11.9 9.2 13.8

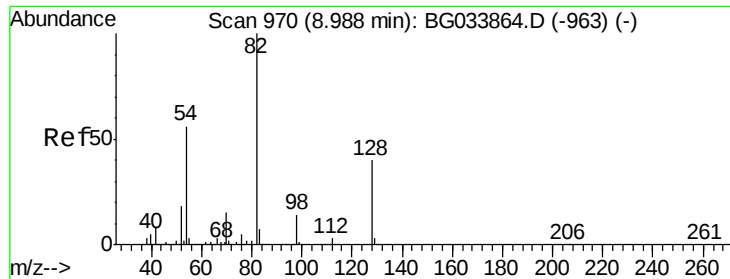
54 9.3 10.3 15.5#

68 5.8 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: 107.338 ng

RT: 8.98 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG033907.D

Acq: 21 Apr 2018 5:42

Instrument :

BNA_G

ClientSampleId :

041818-SIDI-F-U-S

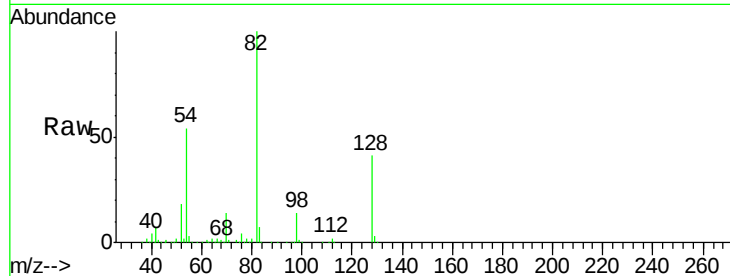
Tot Ion: 82 Resp: 514596

Ion Ratio Lower Upper

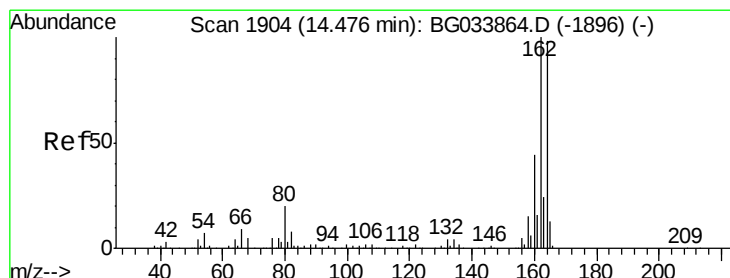
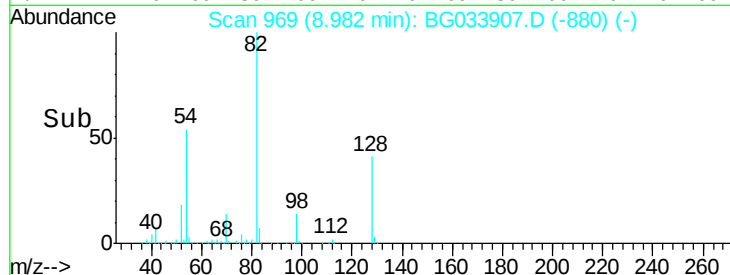
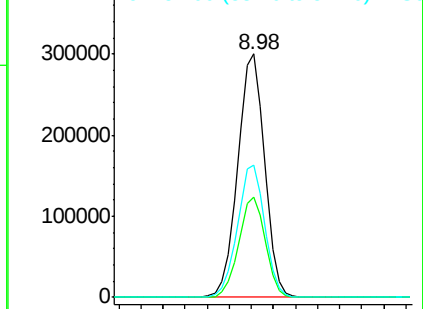
82 100

128 41.2 29.7 44.5

54 54.1 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: 14.46 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BG033907.D

Acq: 21 Apr 2018 5:42

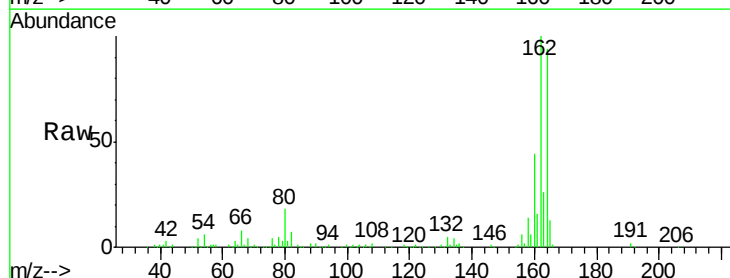
Tgt Ion:164 Resp: 179654

Ion Ratio Lower Upper

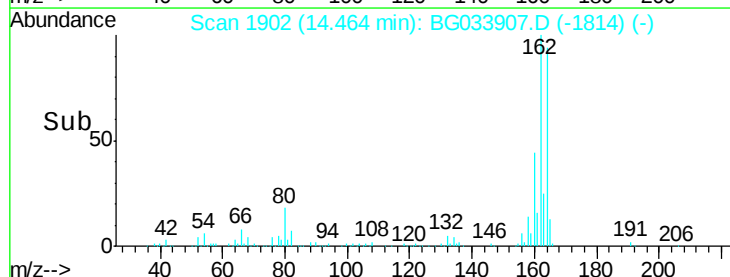
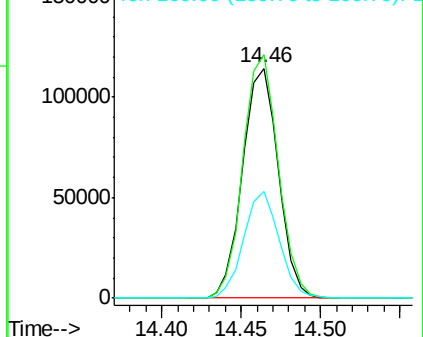
164 100

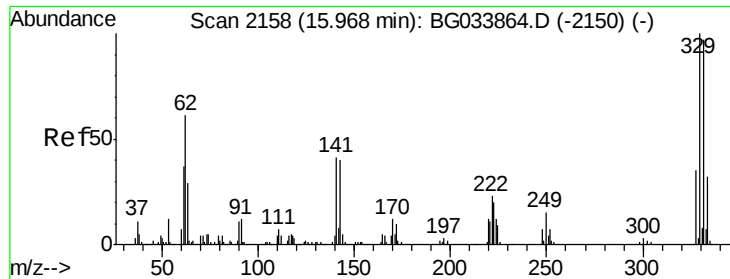
162 106.0 78.8 118.2

160 46.5 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

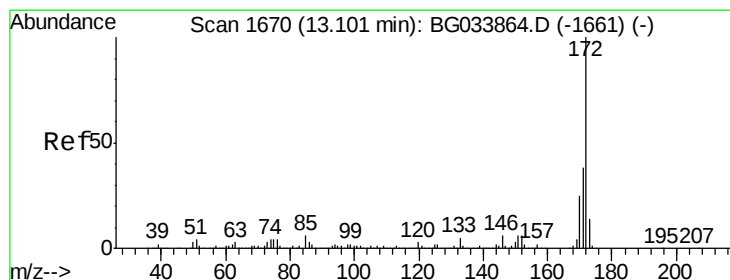
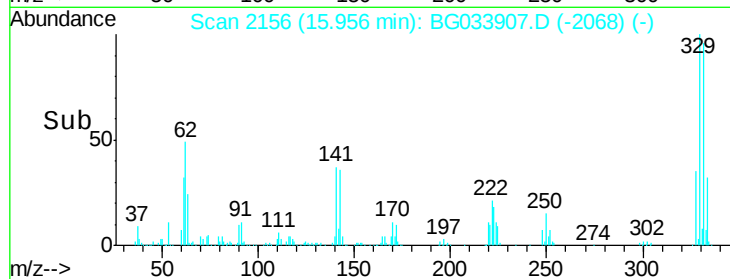
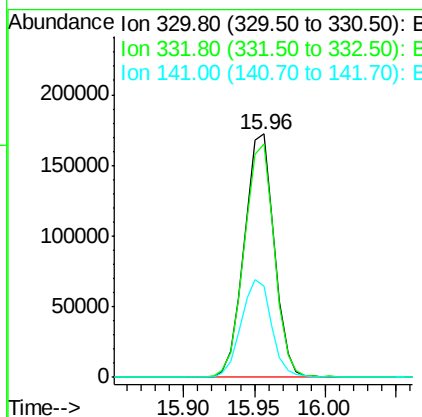
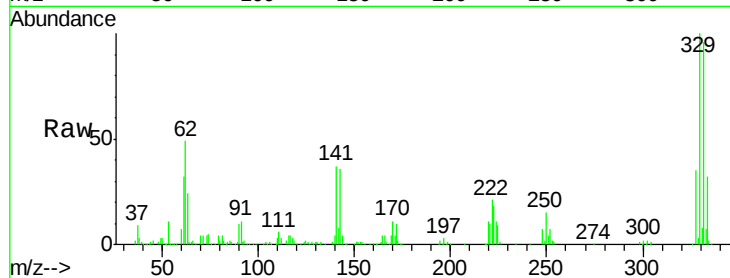




#41
 2,4,6-Tribromophenol
 Concen: 122.657 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033907.D
 Acq: 21 Apr 2018 5:42

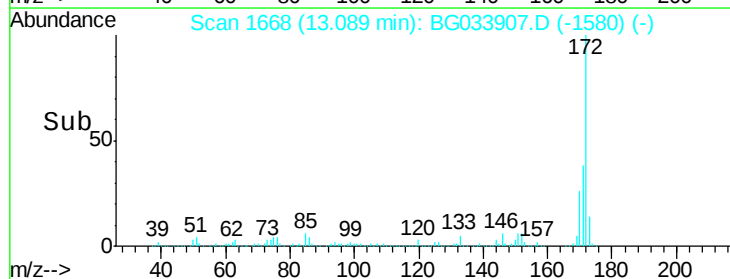
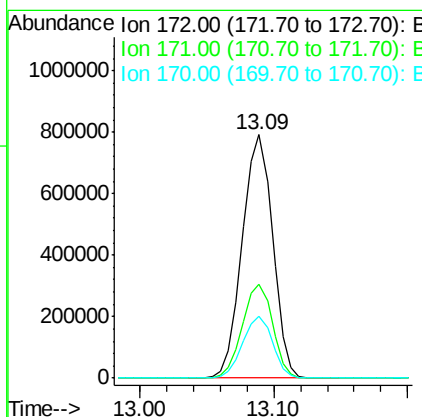
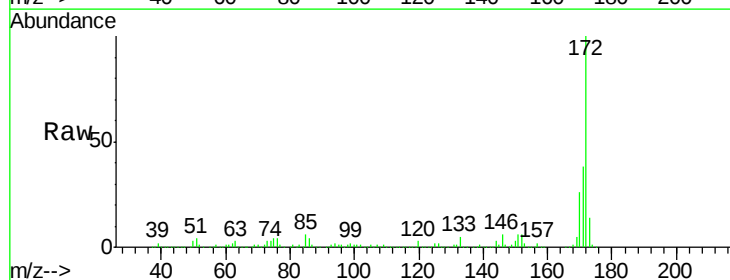
Instrument :
 BNA_G
 ClientSampleId :
 041818-SIDI-F-U-S

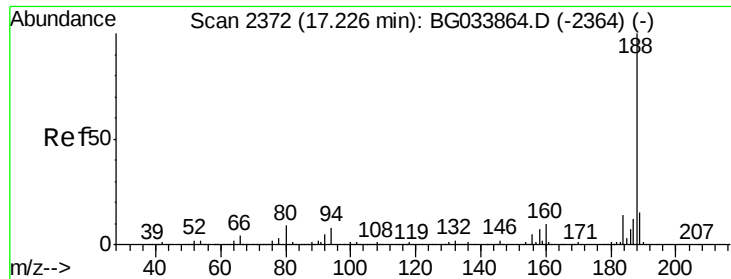
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	40.6	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 102.027 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033907.D
 Acq: 21 Apr 2018 5:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	25.5	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2370

Delta R.T. -0.01 min

Lab File: BG033907.D

Acq: 21 Apr 2018 5:42

Instrument :

BNA_G

ClientSampleId :

041818-SIDI-F-U-S

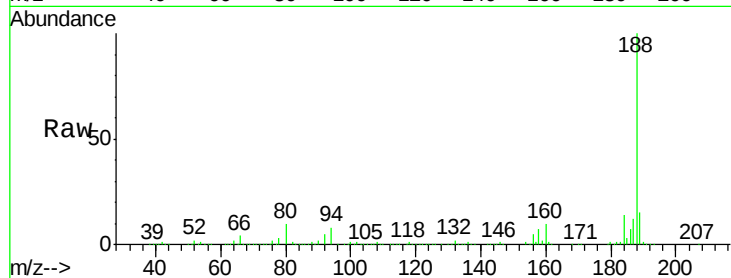
Tot Ion:188 Resp: 502330

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

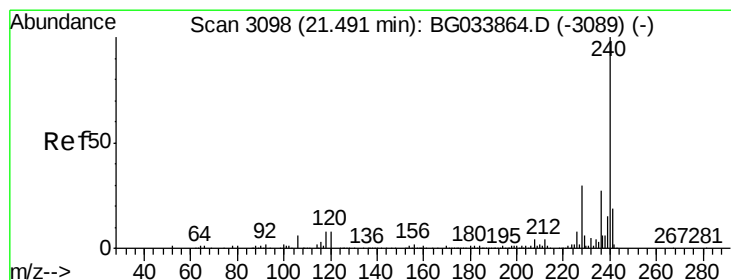
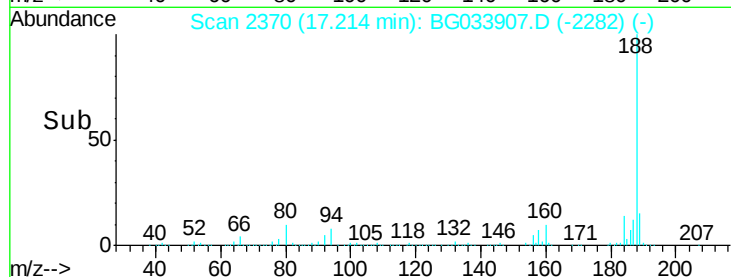
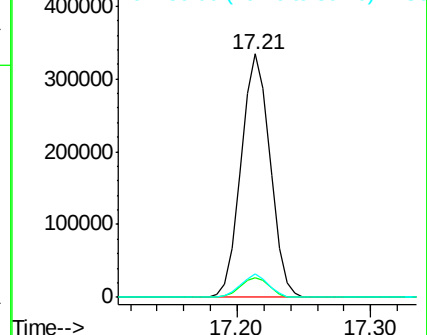
80 9.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.47 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BG033907.D

Acq: 21 Apr 2018 5:42

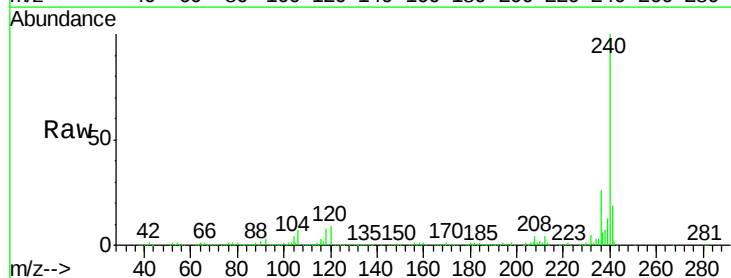
Tgt Ion:240 Resp: 569864

Ion Ratio Lower Upper

240 100

120 8.8 6.8 10.2

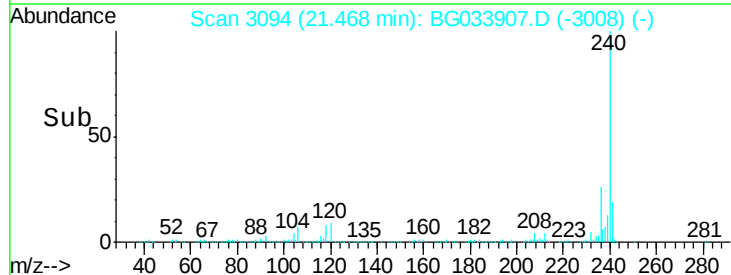
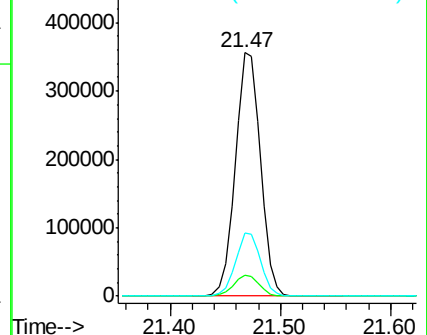
236 25.9 20.9 31.3

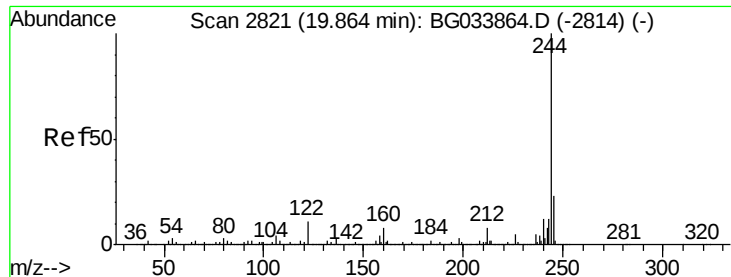


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.058 ng

RT: 19.86 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG033907.D

Acq: 21 Apr 2018 5:42

Instrument :

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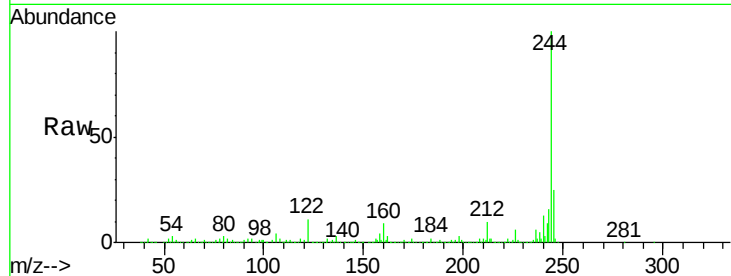
Tot Ion:244 Resp: 2436547

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

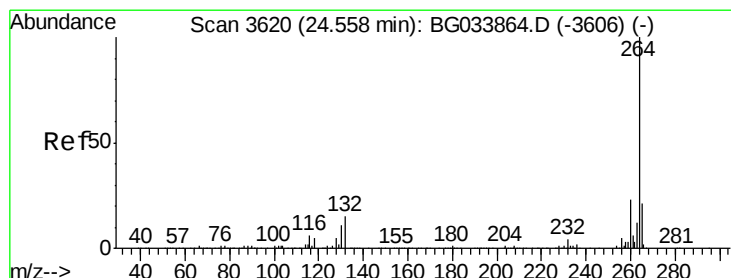
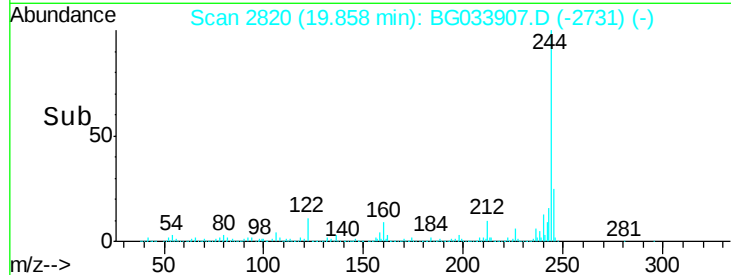
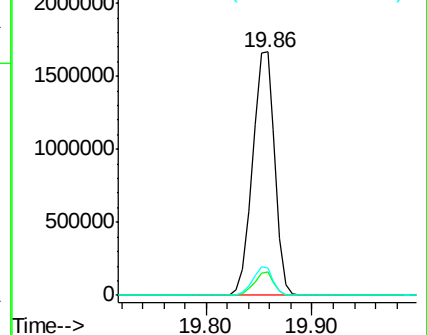
122 11.2 7.0 10.4#



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: 24.53 min Scan# 3616

Delta R.T. -0.02 min

Lab File: BG033907.D

Acq: 21 Apr 2018 5:42

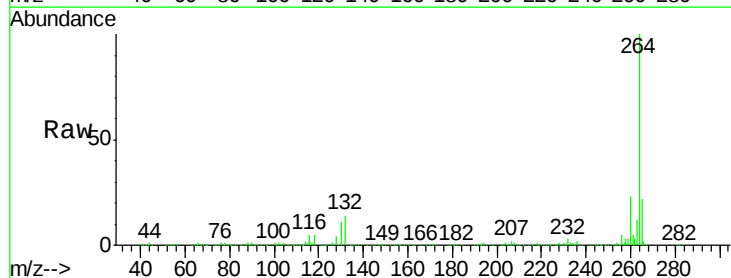
Tgt Ion:264 Resp: 574016

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 21.9 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

