

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033920.D
 Acq On : 23 Apr 2018 14:38
 Operator : SJ/JU
 Sample : J2492-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 041918-DBRI-E-D-S

Quant Time: Apr 24 03:52:30 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

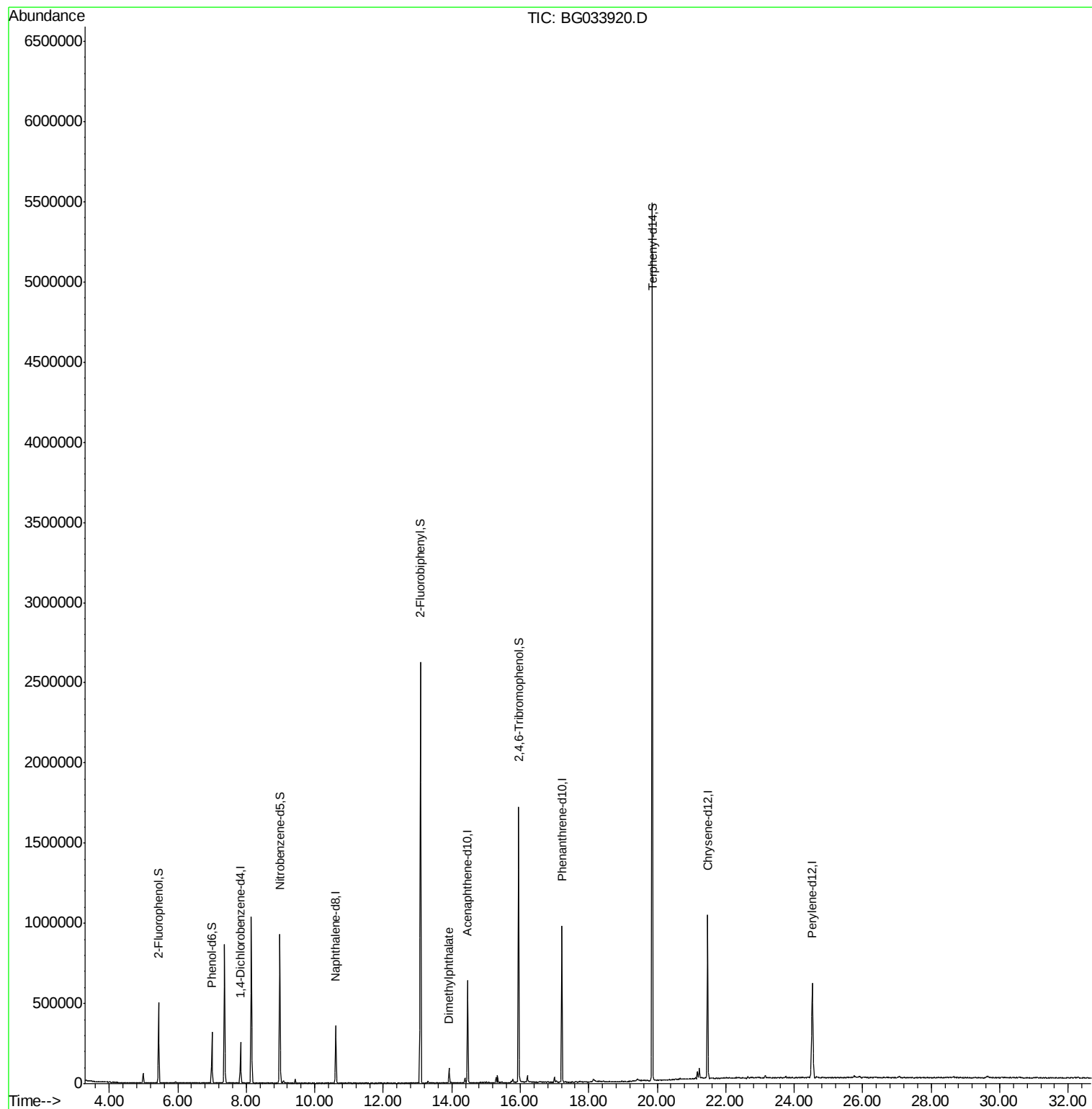
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	69035	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	306525	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	209968	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	577844	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	599960	20.00	ng	-0.02
86) Perylene-d12	24.53	264	608912	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	207637	48.02	ng	0.00
7) Phenol-d6	7.00	99	173186	27.46	ng	0.00
23) Nitrobenzene-d5	8.98	82	564007	104.71	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	307513	125.54	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1362543	95.33	ng	-0.01
78) Terphenyl-d14	19.85	244	2455309	91.94	ng	-0.01
Target Compounds						
49) Dimethylphthalate	13.92	163	61143	3.310	ng	Qvalue 99

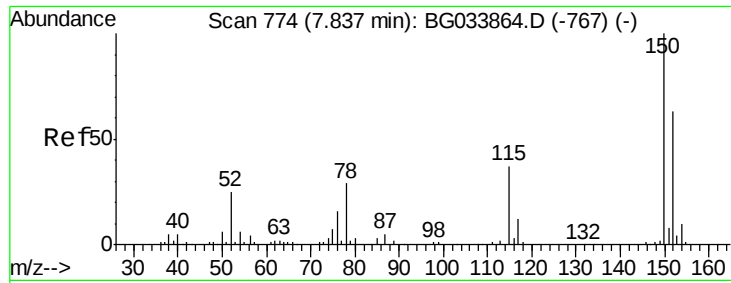
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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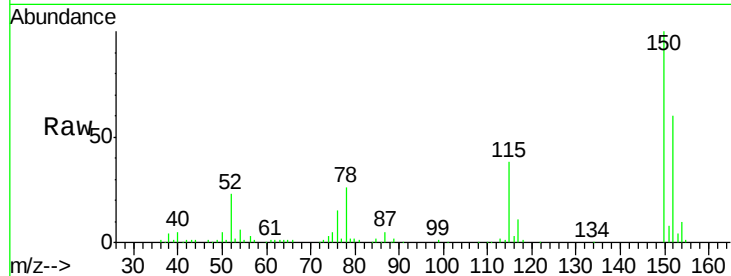


#1

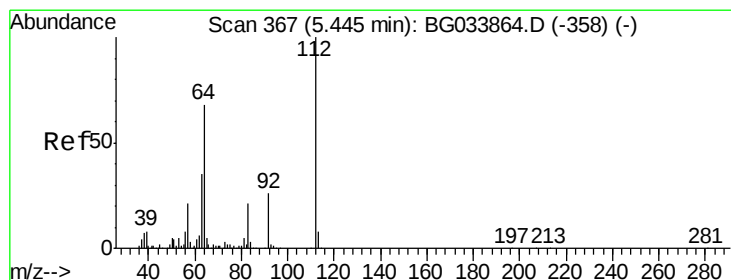
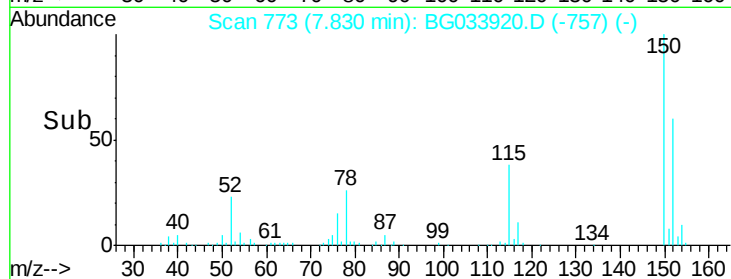
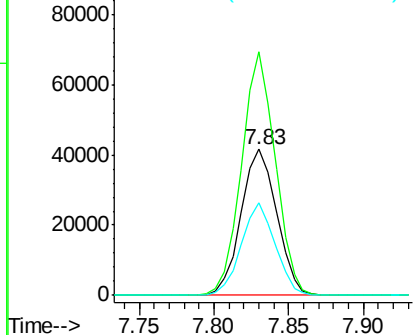
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Instrument :
BNA_G
ClientSampleId :
041918-DBRI-E-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.6	126.6	189.8
115	63.1	53.0	79.4



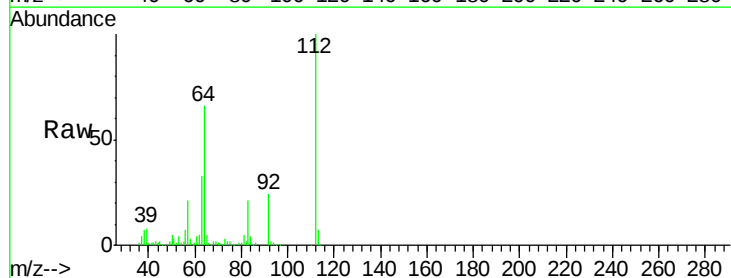
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



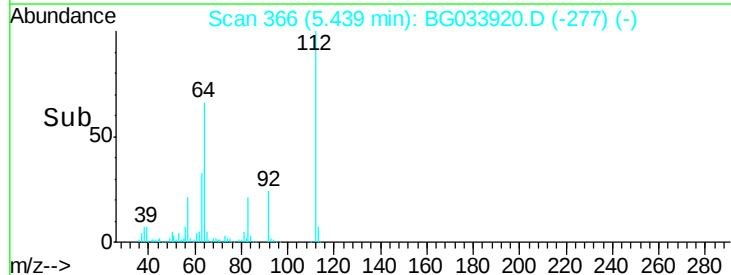
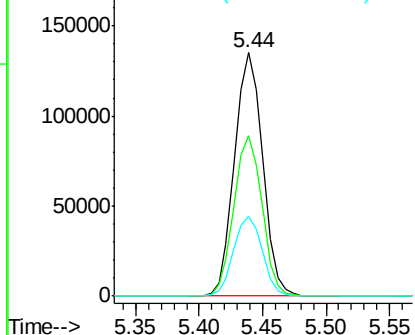
#5

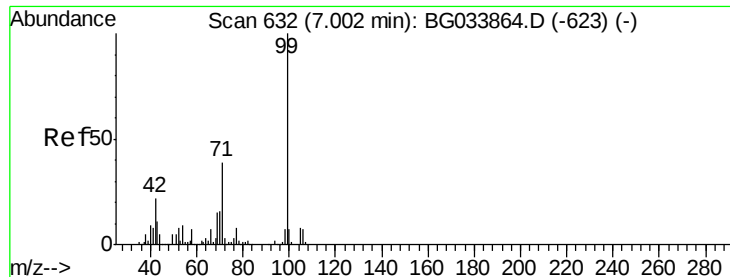
2-Fluorophenol
Concen: 48.019 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	56.3	84.5
63	33.0	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: 27.460 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.01 min

Lab File: BG033920.D

Acq: 23 Apr 2018 14:38

Instrument :

BNA_G

ClientSampleId :

041918-DBRI-E-D-S

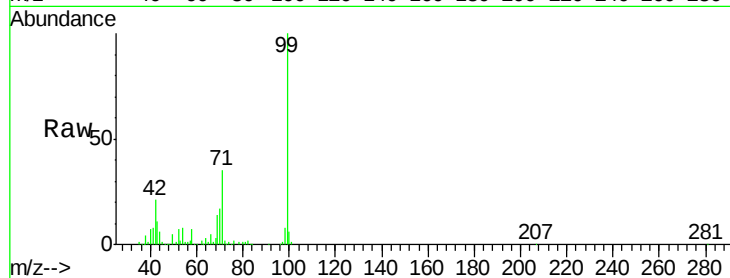
Tot Ion: 99 Resp: 173186

Ion Ratio Lower Upper

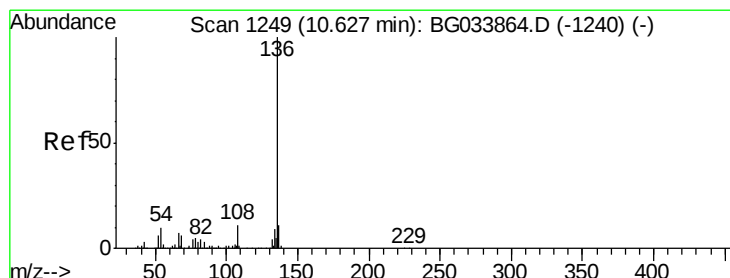
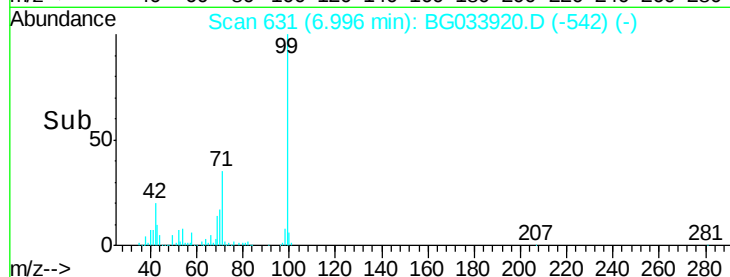
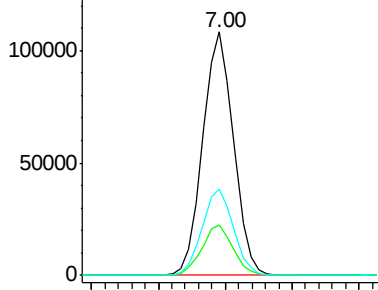
99 100

42 20.5 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: BG033920.D

Acq: 23 Apr 2018 14:38

Tgt Ion: 136 Resp: 306525

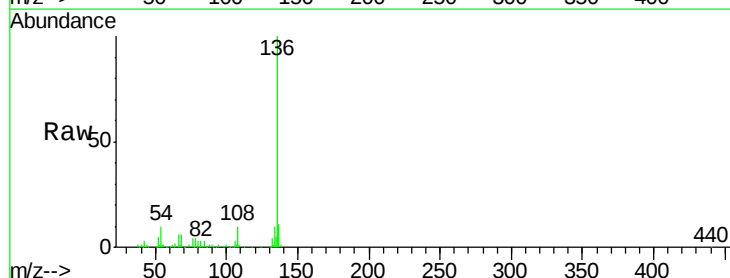
Ion Ratio Lower Upper

136 100

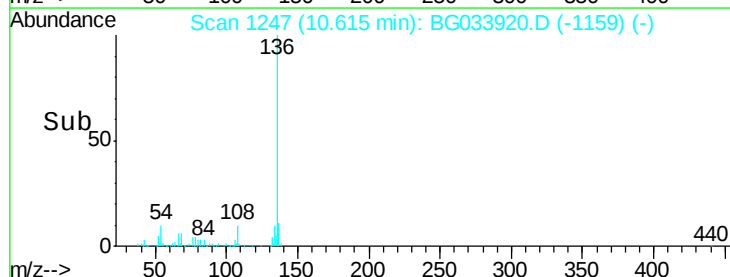
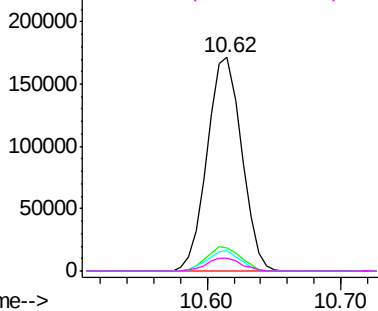
137 10.5 9.2 13.8

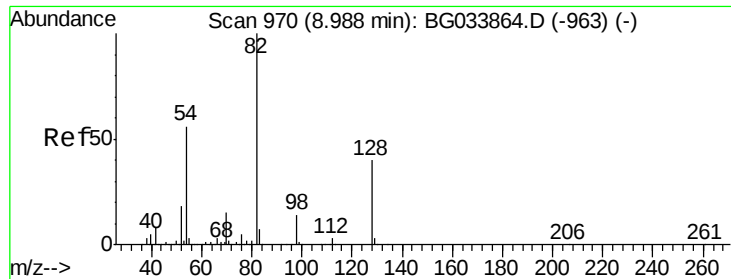
54 9.6 10.3 15.5#

68 6.2 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

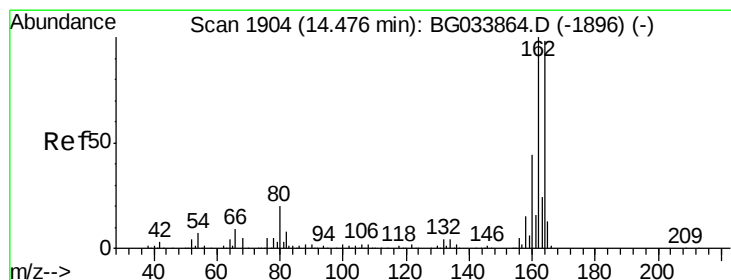
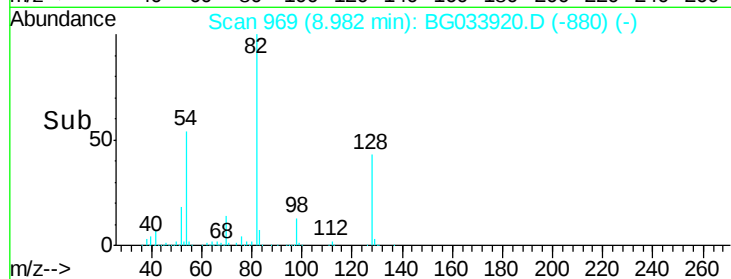
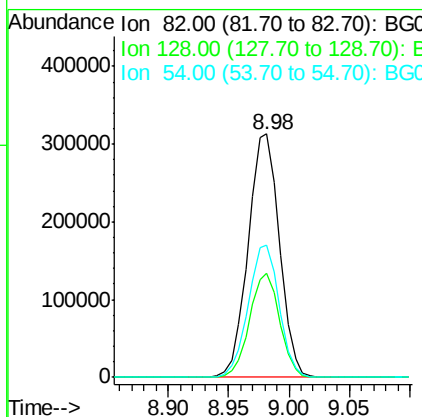
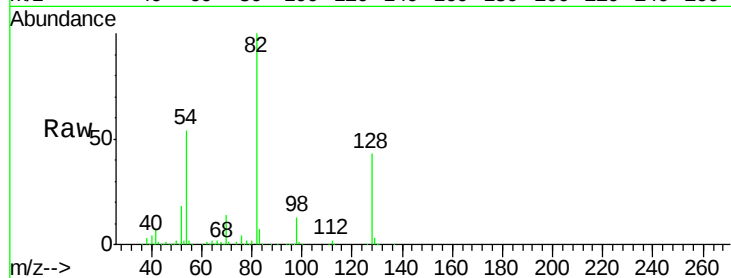




#23
 Nitrobenzene-d5
 Concen: 104.714 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BG033920.D
 Acq: 23 Apr 2018 14:38

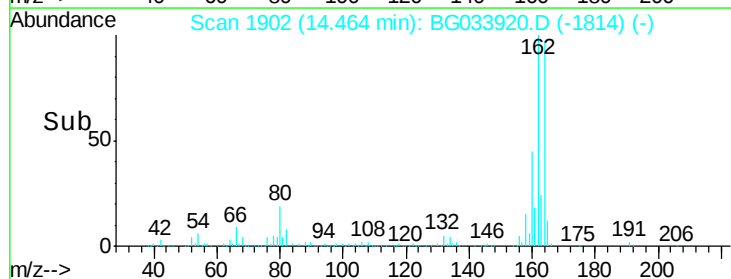
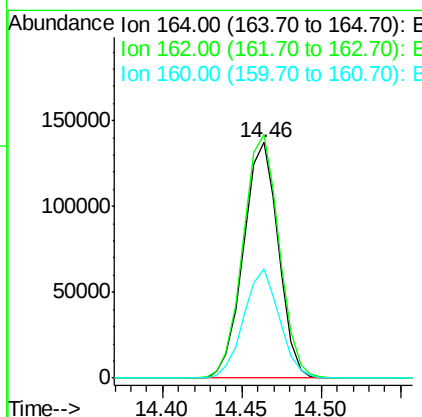
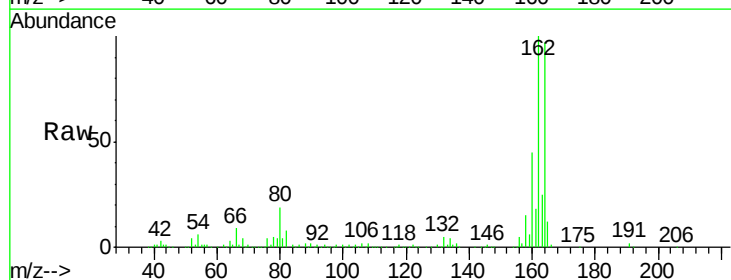
Instrument :
 BNA_G
 ClientSampleId :
 041918-DBRI-E-D-S

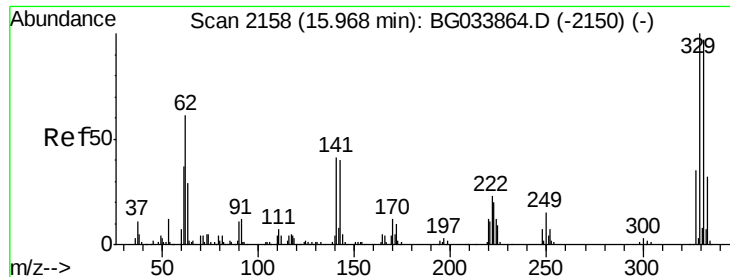
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	29.7	44.5
54	54.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BG033920.D
 Acq: 23 Apr 2018 14:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	78.8	118.2
160	46.1	35.4	53.0

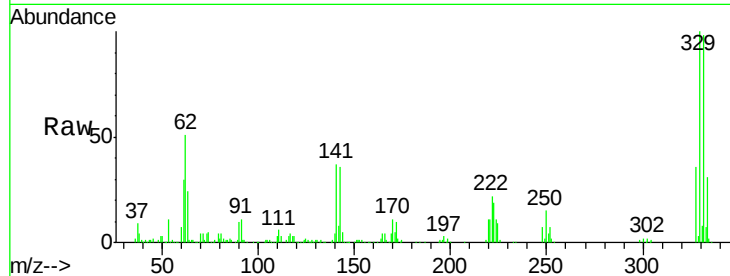




#41
 2,4,6-Tribromophenol
 Concen: 125.535 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033920.D
 Acq: 23 Apr 2018 14:38

Instrument :
 BNA_G
 ClientSampleId :
 041918-DBRI-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	40.0	25.2	37.8#

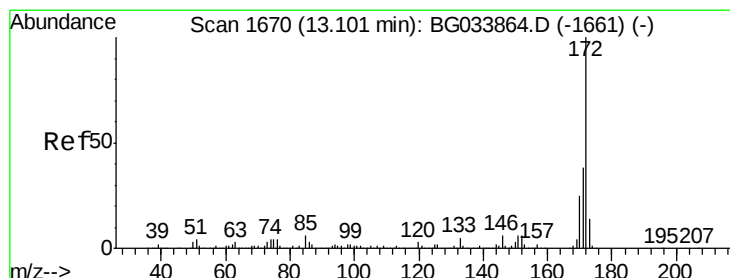
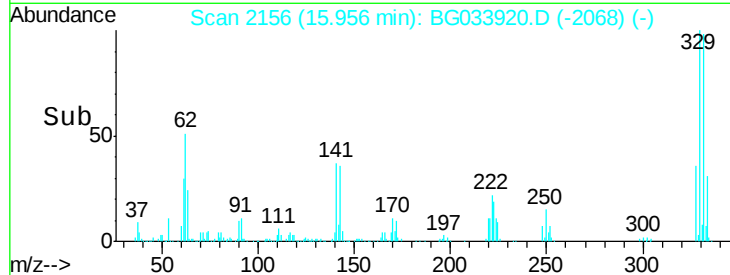
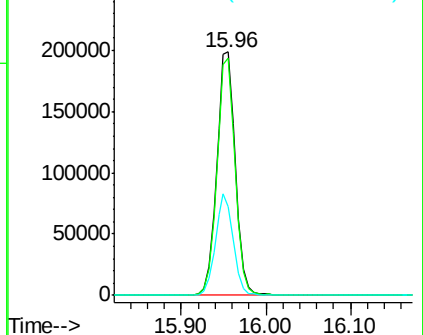


Abundance

Ion 329.80 (329.50 to 330.50): E

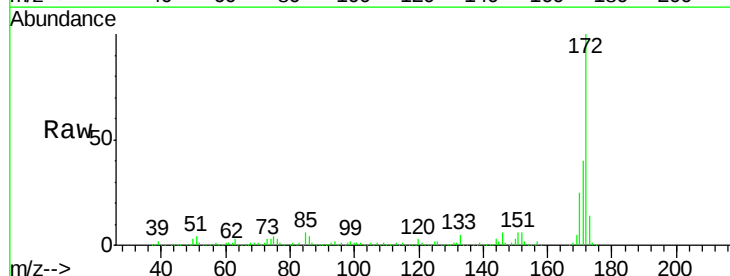
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.329 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033920.D
 Acq: 23 Apr 2018 14:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	30.0	45.0
170	25.4	19.5	29.3

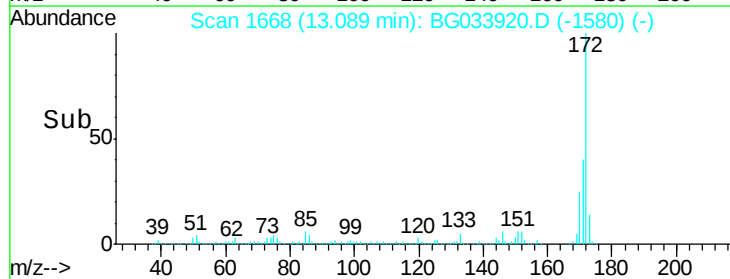
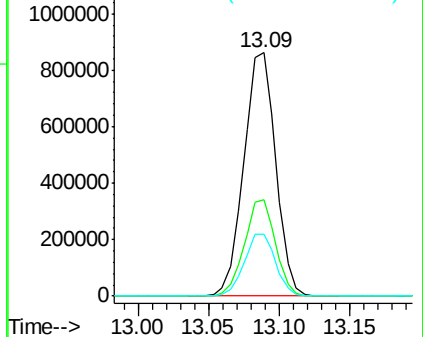


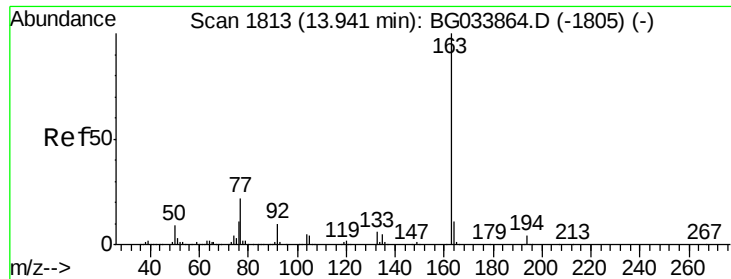
Abundance

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





#49

Dimethylphthalate

Concen: 3.310 ng

RT: 13.92 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BG033920.D

Acq: 23 Apr 2018 14:38

Instrument :

BNA_G

ClientSampleId :

041918-DBRI-E-D-S

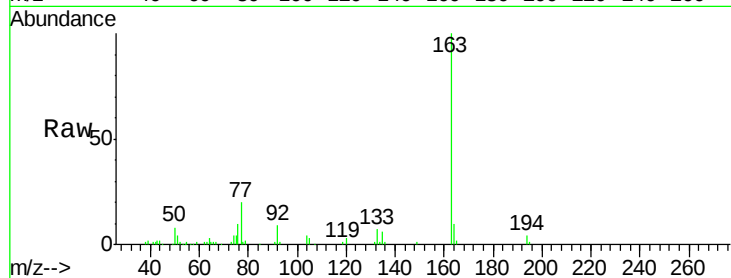
Tot Ion:163 Resp: 61143

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

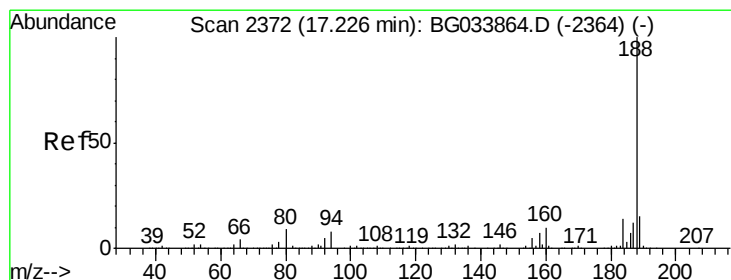
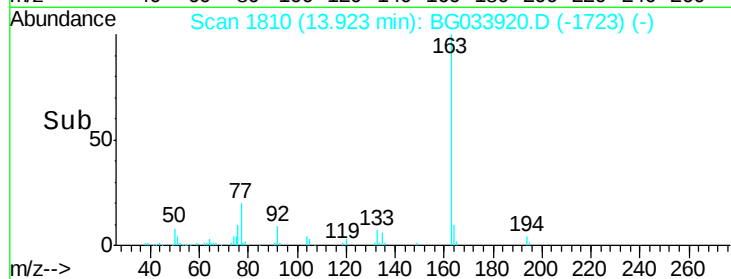
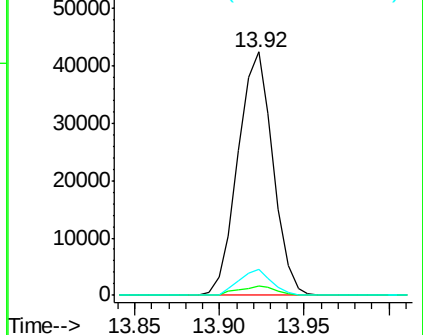
164 10.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2370

Delta R.T. -0.01 min

Lab File: BG033920.D

Acq: 23 Apr 2018 14:38

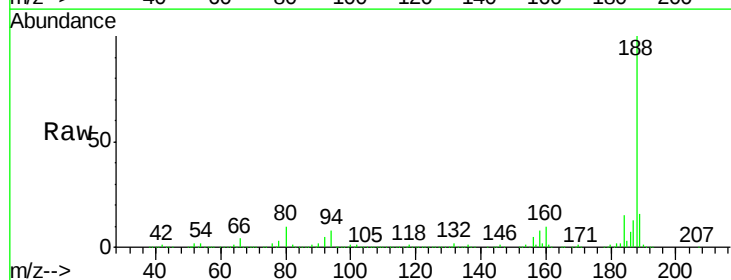
Tgt Ion:188 Resp: 577844

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

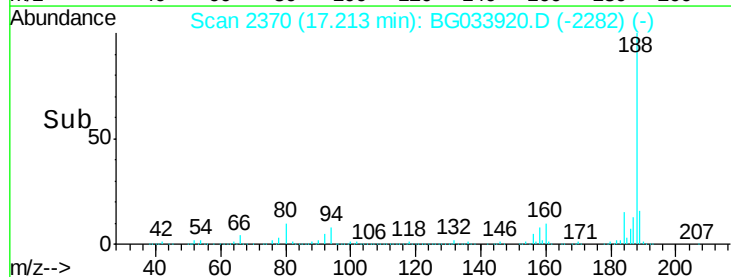
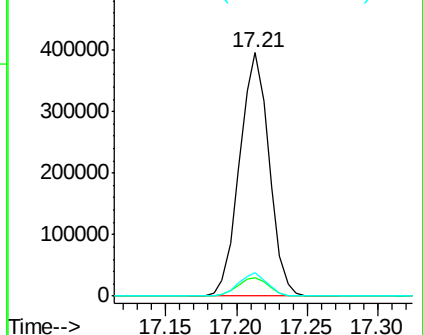
80 9.6 7.7 11.5

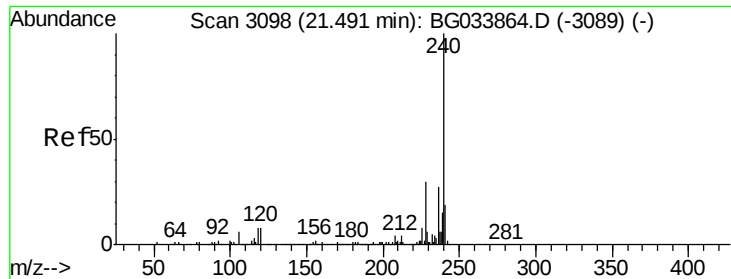


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3095

Delta R.T. -0.02 min

Lab File: BG033920.D

Acq: 23 Apr 2018 14:38

Instrument :

BNA_G

ClientSampleId :

041918-DBRI-E-D-S

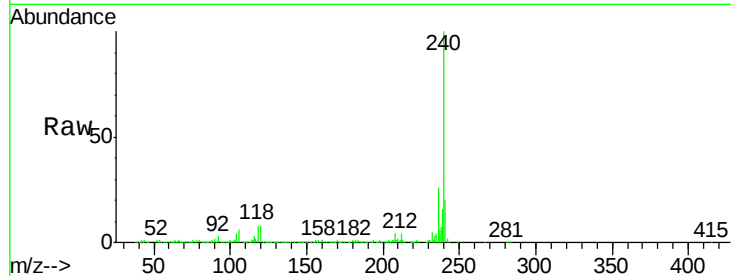
Tot Ion:240 Resp: 599960

Ion Ratio Lower Upper

240 100

120 8.3 6.8 10.2

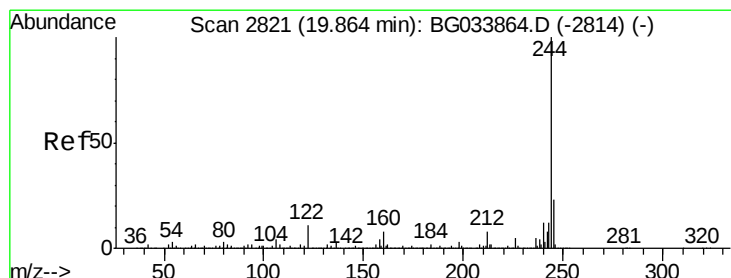
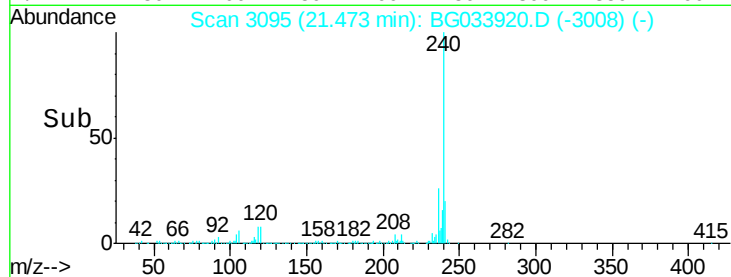
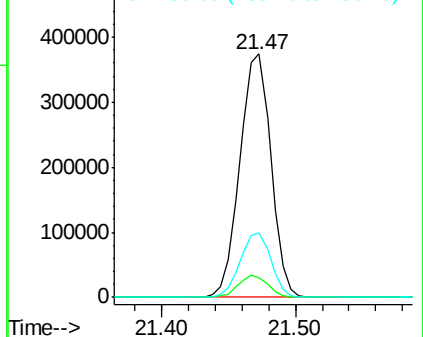
236 26.4 20.9 31.3



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: 91.942 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033920.D

Acq: 23 Apr 2018 14:38

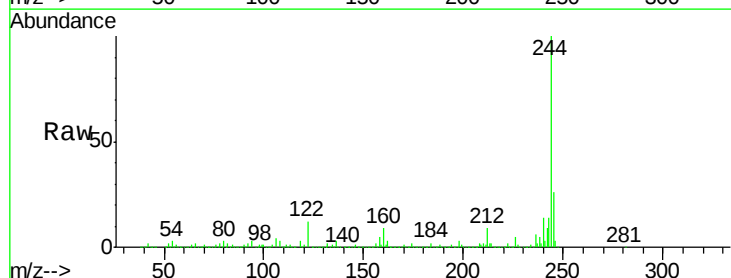
Tgt Ion:244 Resp: 2455309

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

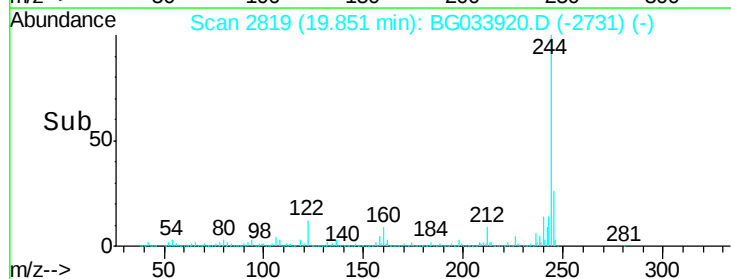
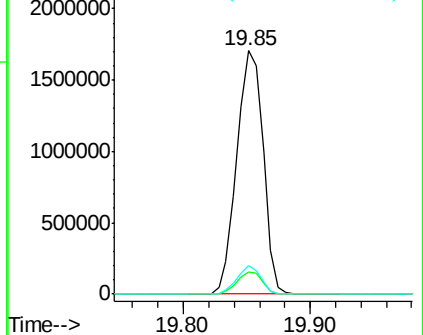
122 11.8 7.0 10.4#

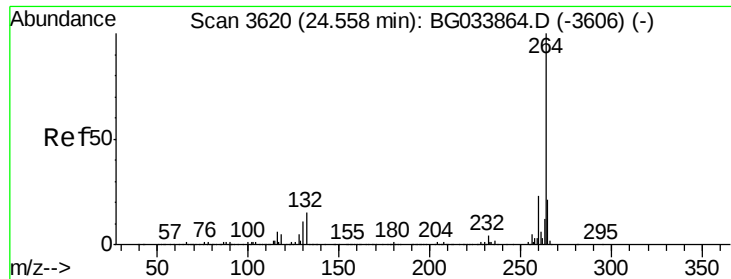


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.53 min Scan# 3615

Delta R.T. -0.03 min

Lab File: BG033920.D

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Instrument :

BNA_G

ClientSampleId :

041918-DBRI-E-D-S

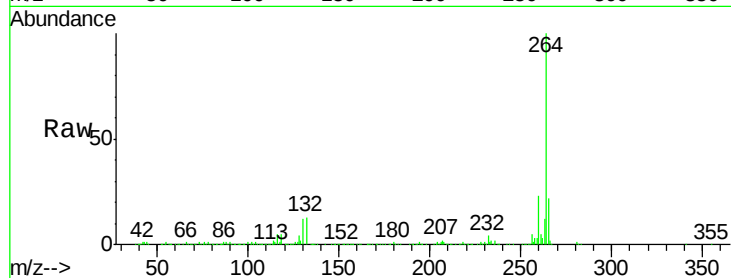
Tot Ion: 264 Resp: 608912

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 21.6 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

