

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
 Data File : BG033877.D
 Acq On : 19 Apr 2018 20:21
 Operator : SJ/JU
 Sample : J2425-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-3

Quant Time: Apr 20 04:20:16 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	7.84	152	77437	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	311769	20.00	ng	0.00
38) Acenaphthene-d10	14.47	164	187234	20.00	ng	0.00
63) Phenanthrene-d10	17.22	188	484437	20.00	ng	0.00
75) Chrysene-d12	21.48	240	521015	20.00	ng	-0.01
86) Perylene-d12	24.55	264	526154	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	660857	136.25	ng	0.00
7) Phenol-d6	7.01	99	784413	110.88	ng	0.00
23) Nitrobenzene-d5	8.99	82	573888	104.76	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	371436	170.04	ng	0.00
44) 2-Fluorobiphenyl	13.09	172	1272543	99.84	ng	0.00
78) Terphenyl-d14	19.86	244	2239439	96.56	ng	0.00

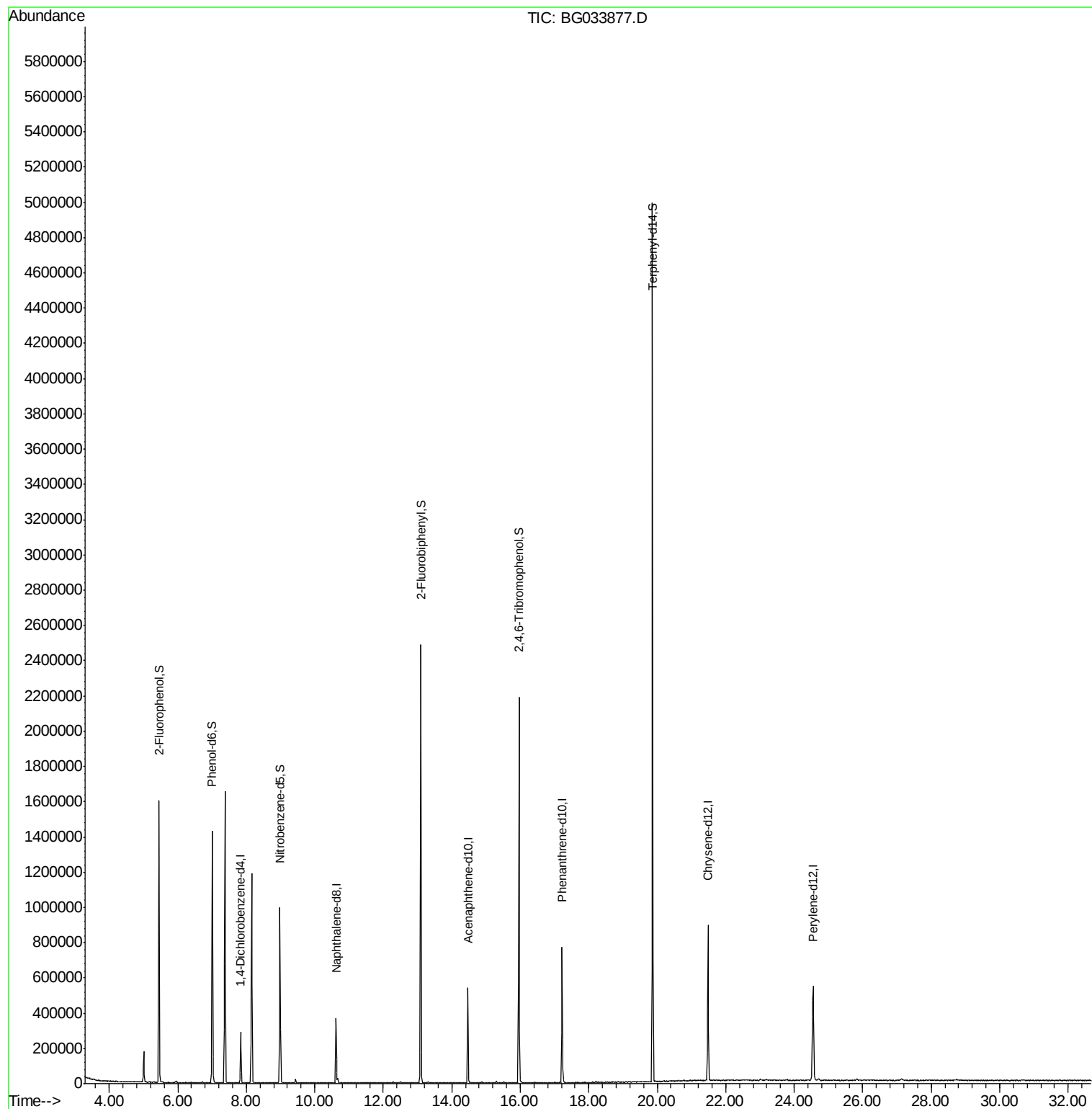
Target Compounds Qvalue

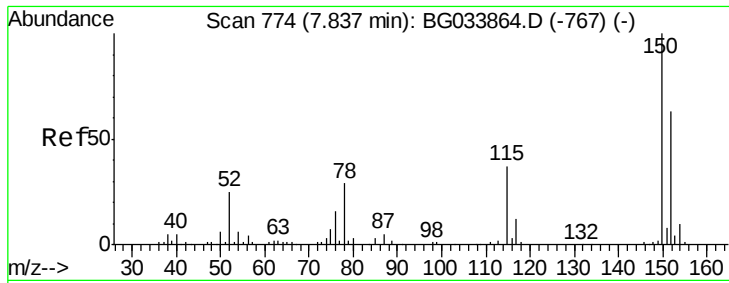
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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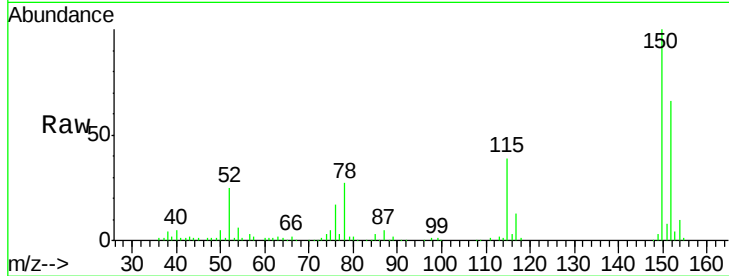


#1

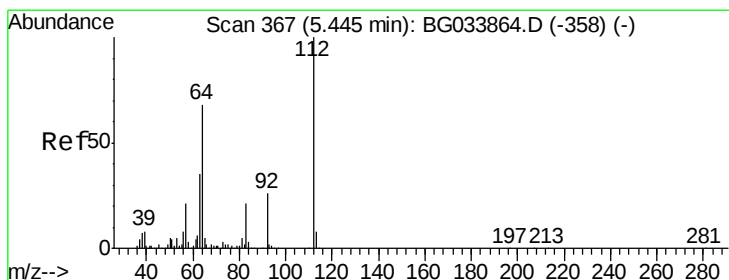
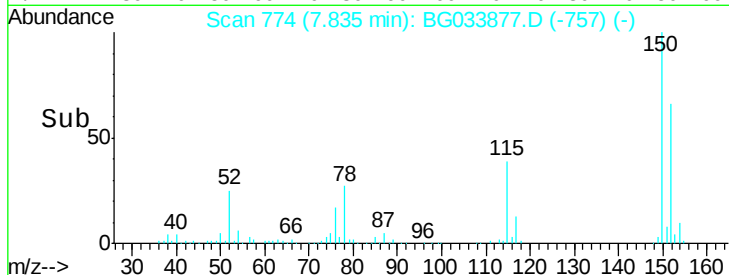
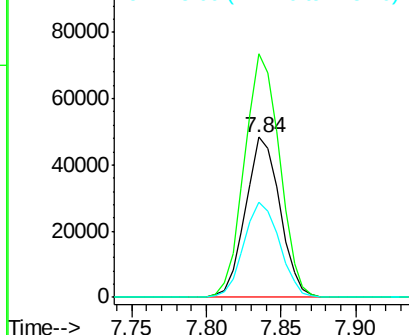
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.84 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG033877.D
Acq: 19 Apr 2018 20:21

Instrument :
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ClientSampleId :
T-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.6	189.8
115	59.6	53.0	79.4



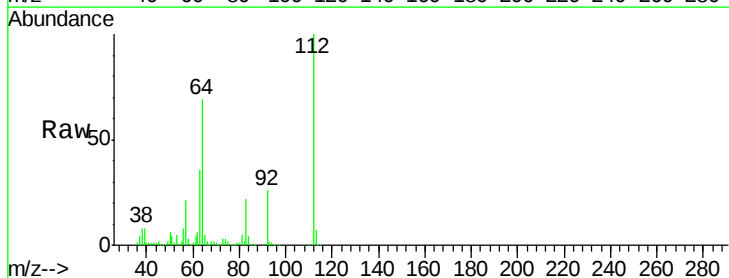
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



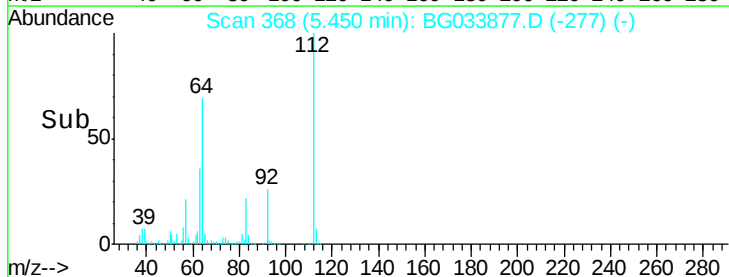
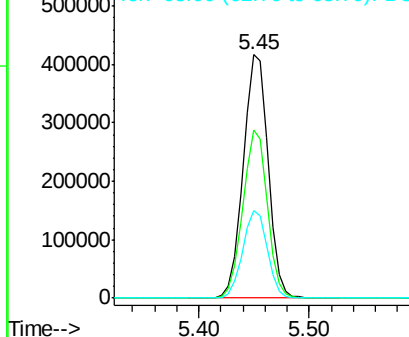
#5

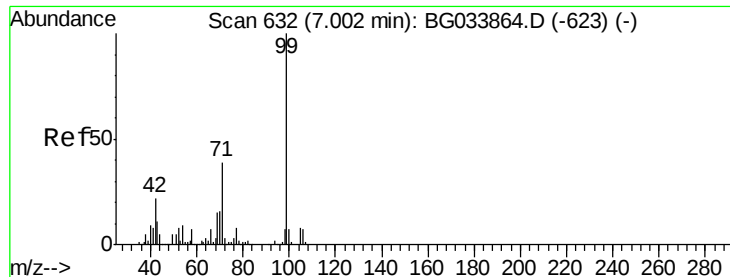
2-Fluorophenol
Concen: 136.250 ng
RT: 5.45 min Scan# 368
Delta R.T. 0.00 min
Lab File: BG033877.D
Acq: 19 Apr 2018 20:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	56.3	84.5
63	36.0	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: 110.879 ng

RT: 7.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: BG033877.D

Acq: 19 Apr 2018 20:21

Instrument :

BNA_G

ClientSampleId :

T-3

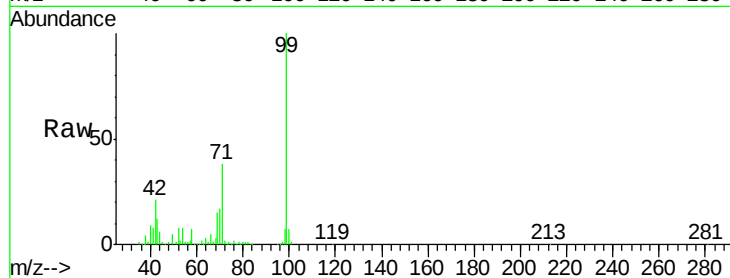
Tot Ion: 99 Resp: 784413

Ion Ratio Lower Upper

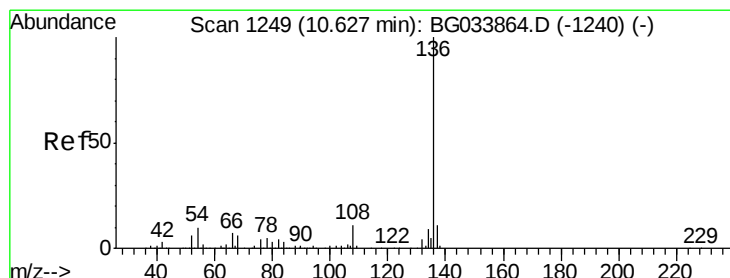
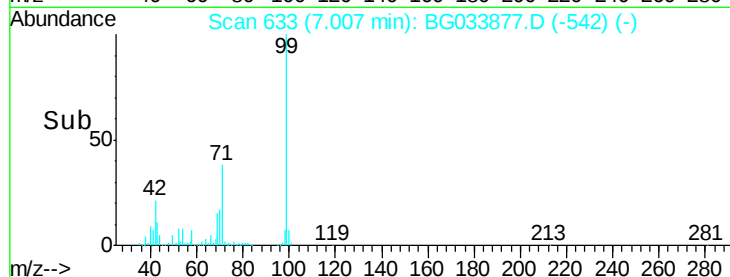
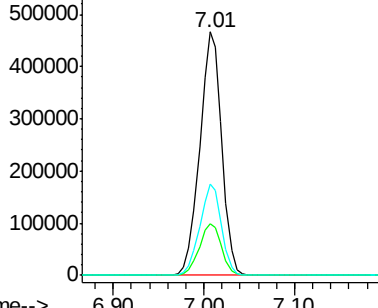
99 100

42 21.3 14.1 21.1#

71 37.6 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# 1248

Delta R.T. -0.01 min

Lab File: BG033877.D

Acq: 19 Apr 2018 20:21

Tgt Ion: 136 Resp: 311769

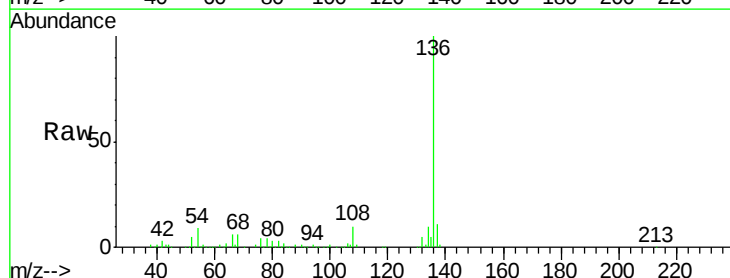
Ion Ratio Lower Upper

136 100

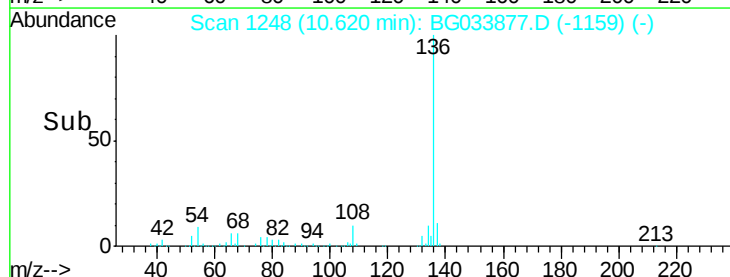
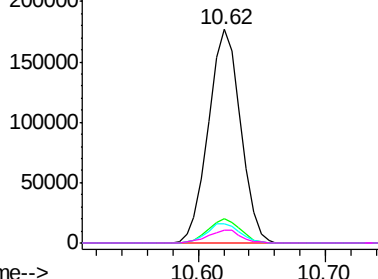
137 11.5 9.2 13.8

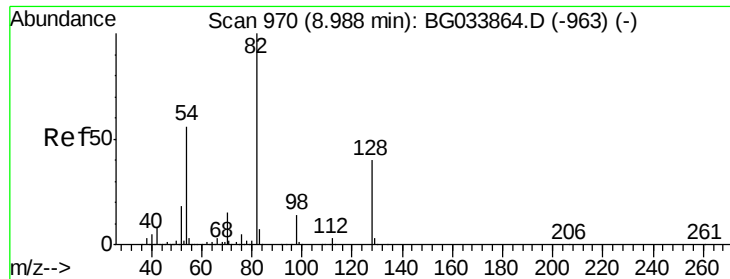
54 8.9 10.3 15.5#

68 6.3 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

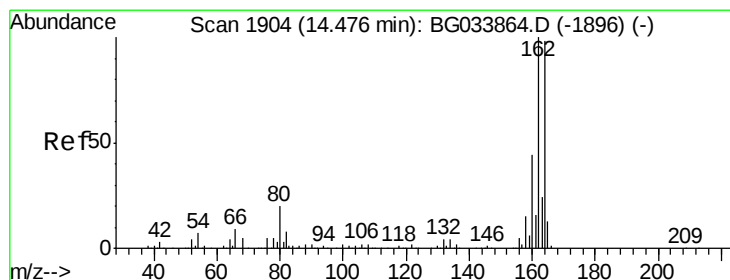
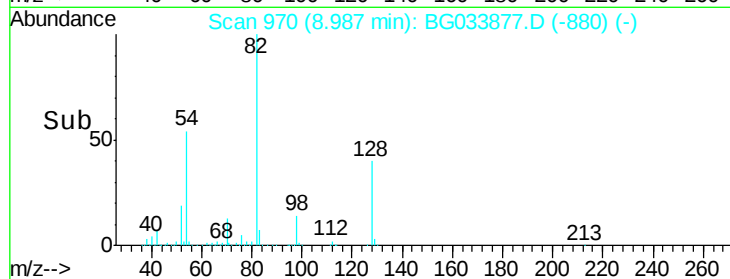
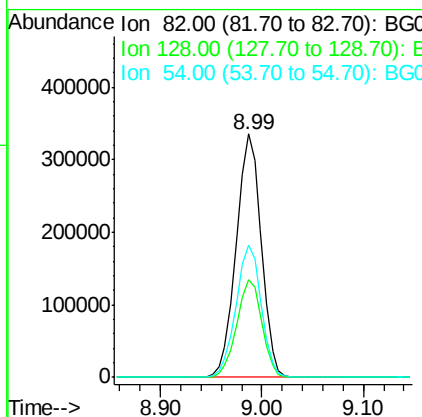
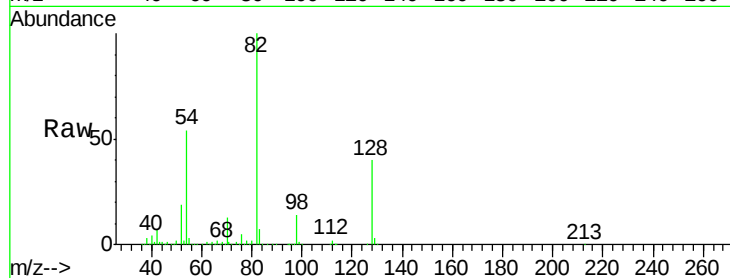




#23
 Nitrobenzene-d5
 Concen: 104.756 ng
 RT: 8.99 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BG033877.D
 Acq: 19 Apr 2018 20:21

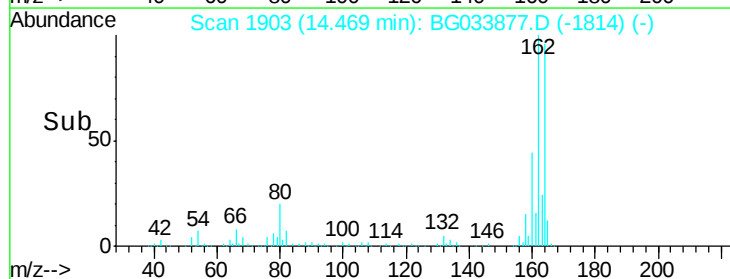
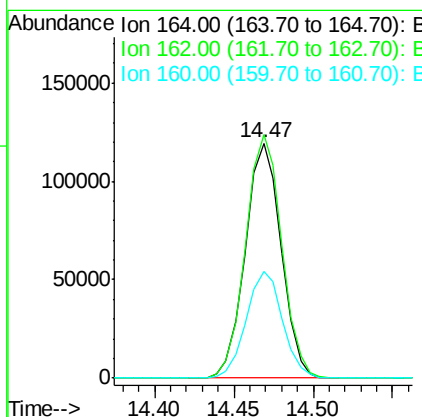
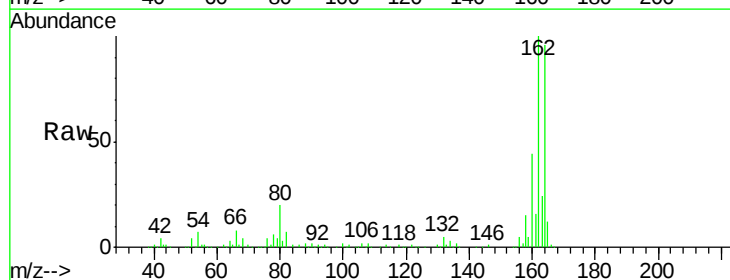
Instrument :
 BNA_G
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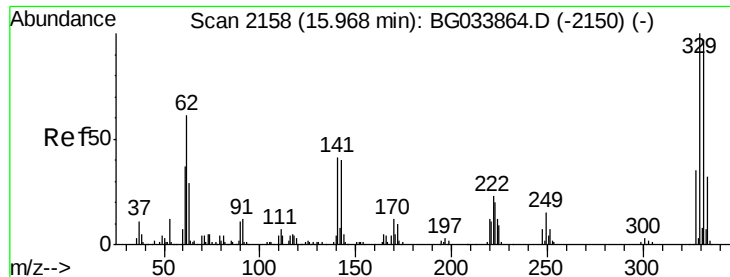
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	29.7	44.5
54	54.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.47 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BG033877.D
 Acq: 19 Apr 2018 20:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	78.8	118.2
160	45.2	35.4	53.0

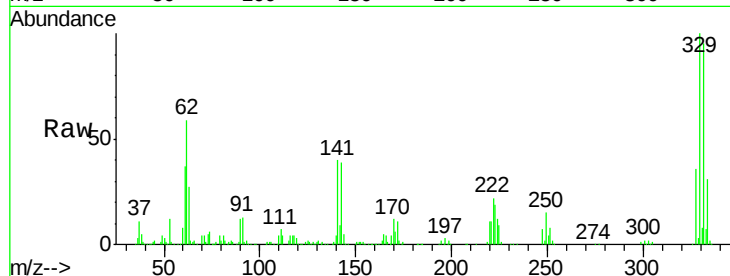




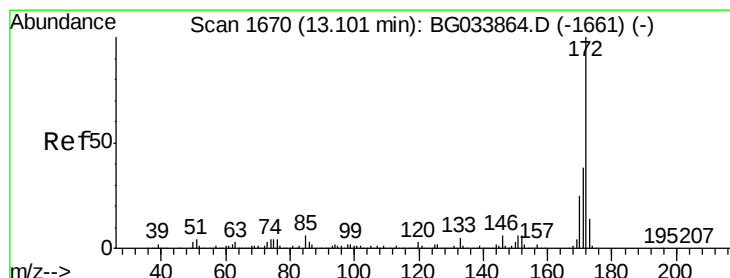
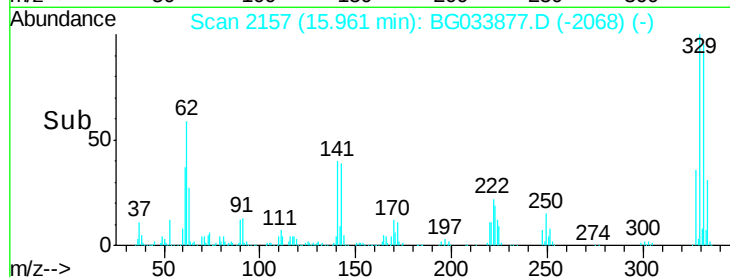
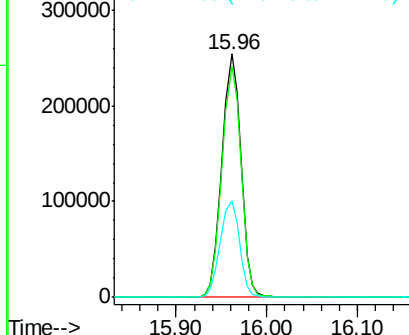
#41
 2,4,6-Tribromophenol
 Concen: 170.042 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BG033877.D
 Acq: 19 Apr 2018 20:21

Instrument :
 BNA_G
 ClientSampleId :
 T-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	40.1	25.2	37.8#

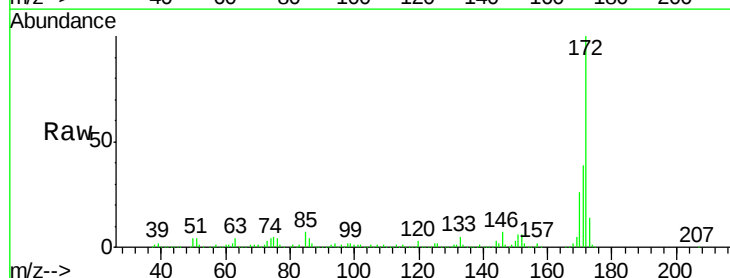


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

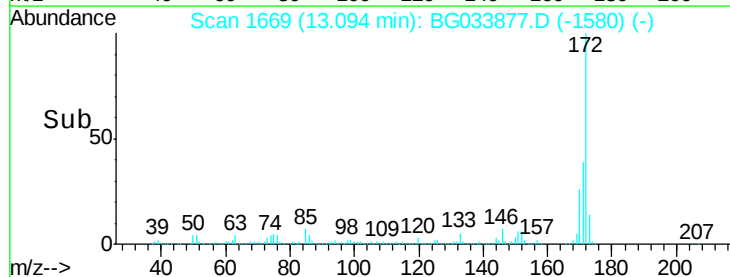
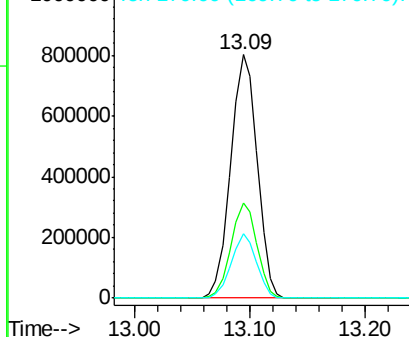


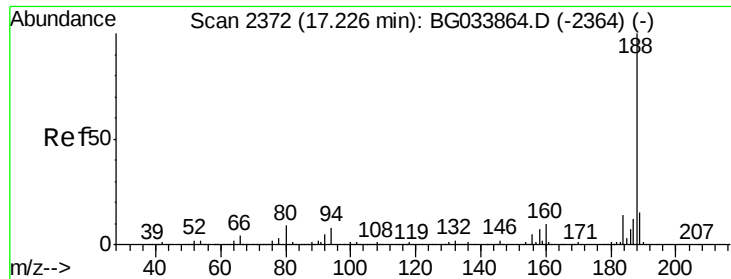
#44
 2-Fluorobiphenyl
 Concen: 99.843 ng
 RT: 13.09 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BG033877.D
 Acq: 19 Apr 2018 20:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.0	45.0
170	26.5	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.22 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BG033877.D

Acq: 19 Apr 2018 20:21

Instrument :

BNA_G

ClientSampleId :

T-3

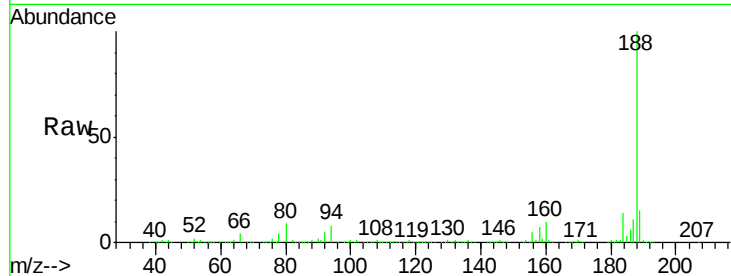
Tot Ion:188 Resp: 484437

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

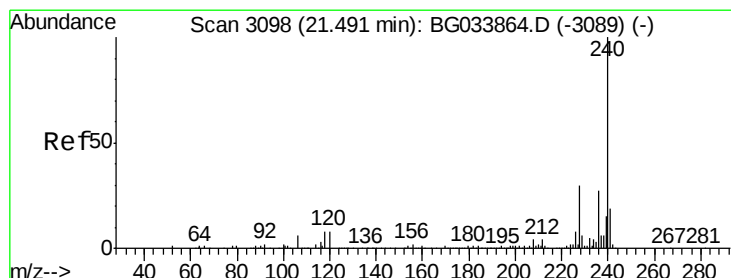
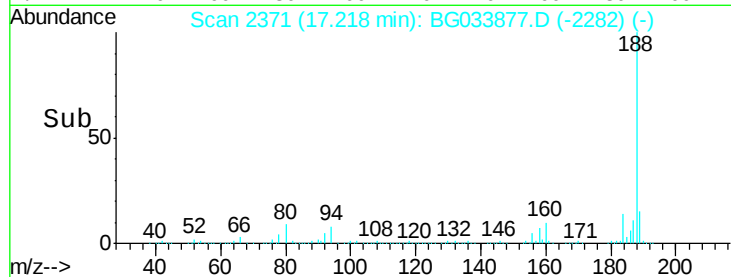
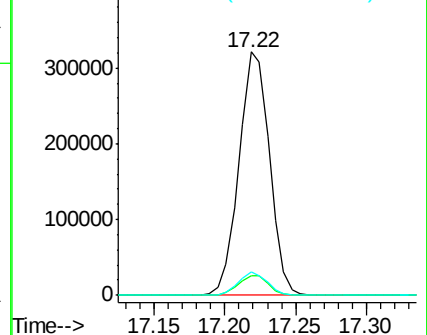
80 9.5 7.7 11.5



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: 21.48 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BG033877.D

Acq: 19 Apr 2018 20:21

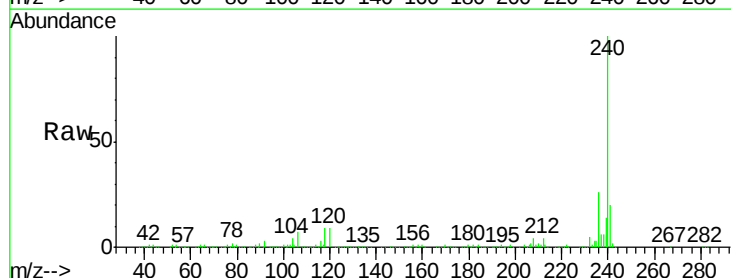
Tgt Ion:240 Resp: 521015

Ion Ratio Lower Upper

240 100

120 9.3 6.8 10.2

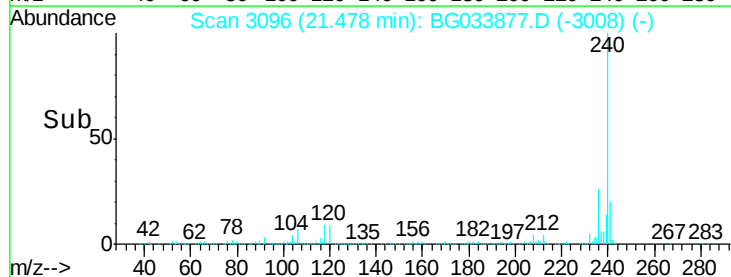
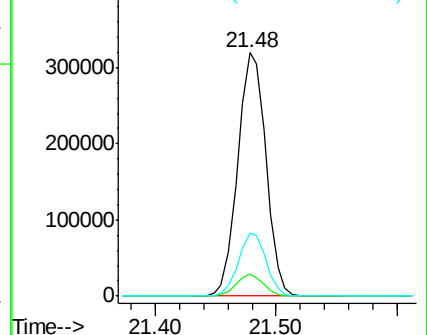
236 26.0 20.9 31.3

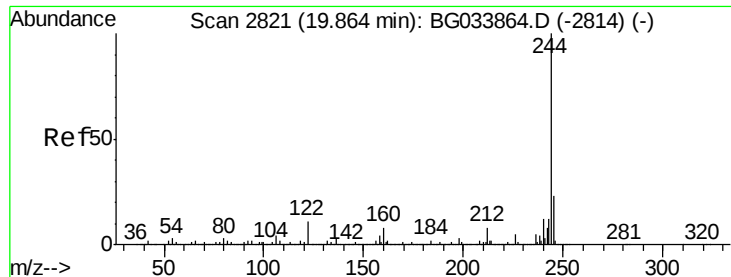


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.564 ng

RT: 19.86 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG033877.D

Acq: 19 Apr 2018 20:21

Instrument :

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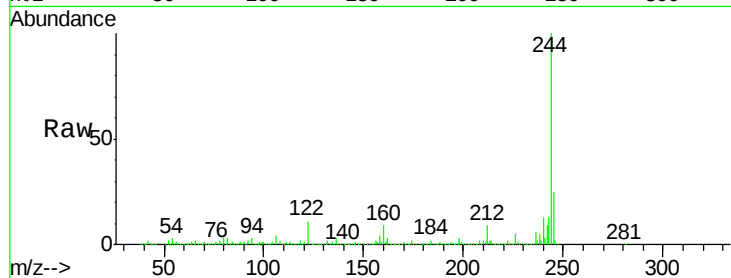
Tot Ion:244 Resp: 2239439

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

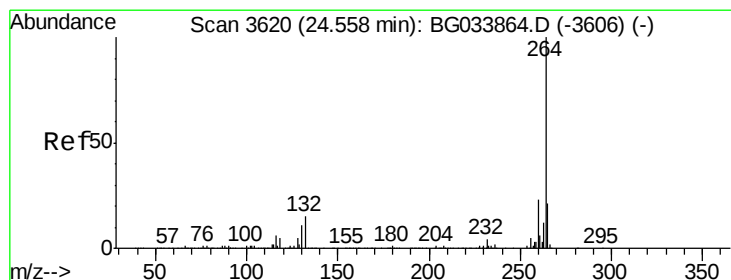
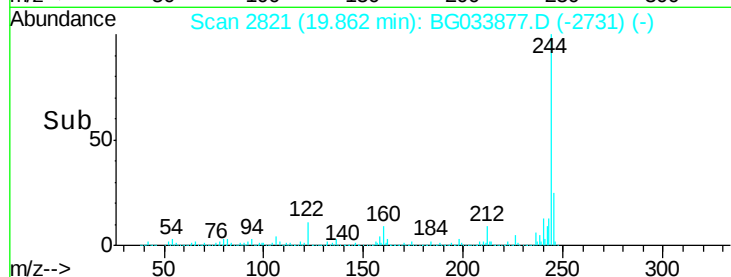
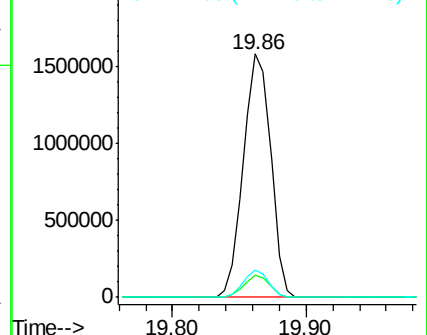
122 11.4 7.0 10.4#



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: 24.55 min Scan# 3619

Delta R.T. -0.01 min

Lab File: BG033877.D

Acq: 19 Apr 2018 20:21

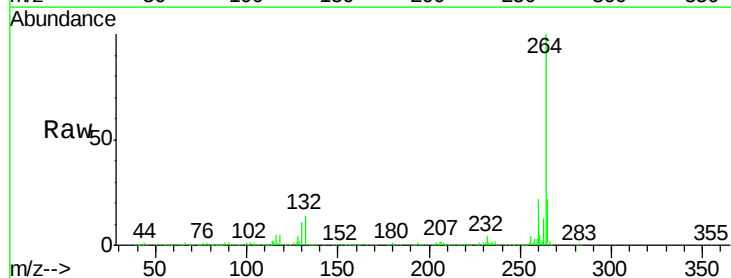
Tgt Ion:264 Resp: 526154

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 22.2 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

