

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
 Data File : BG032727.D
 Acq On : 15 Feb 2018 23:34
 Operator : SJ/JU
 Sample : J1536-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK-20180148

Quant Time: Feb 16 03:15:12 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.63	152	21819	20.00	ng	-0.05
21) Naphthalene-d8	11.50	136	94810	20.00	ng	-0.05
38) Acenaphthene-d10	15.27	164	69753	20.00	ng	-0.04
63) Phenanthrene-d10	18.01	188	197937	20.00	ng	-0.04
75) Chrysene-d12	22.32	240	190919	20.00	ng	-0.05
86) Perylene-d12	25.94	264	212433	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	60315	55.46	ng	-0.04
7) Phenol-d6	7.75	99	47468	31.92	ng	-0.05
23) Nitrobenzene-d5	9.82	82	145295	97.40	ng	-0.05
41) 2,4,6-Tribromophenol	16.75	330	205735	191.55	ng	-0.04
44) 2-Fluorobiphenyl	13.90	172	430087	77.11	ng	-0.04
78) Terphenyl-d14	20.56	244	962331	114.88	ng	-0.03

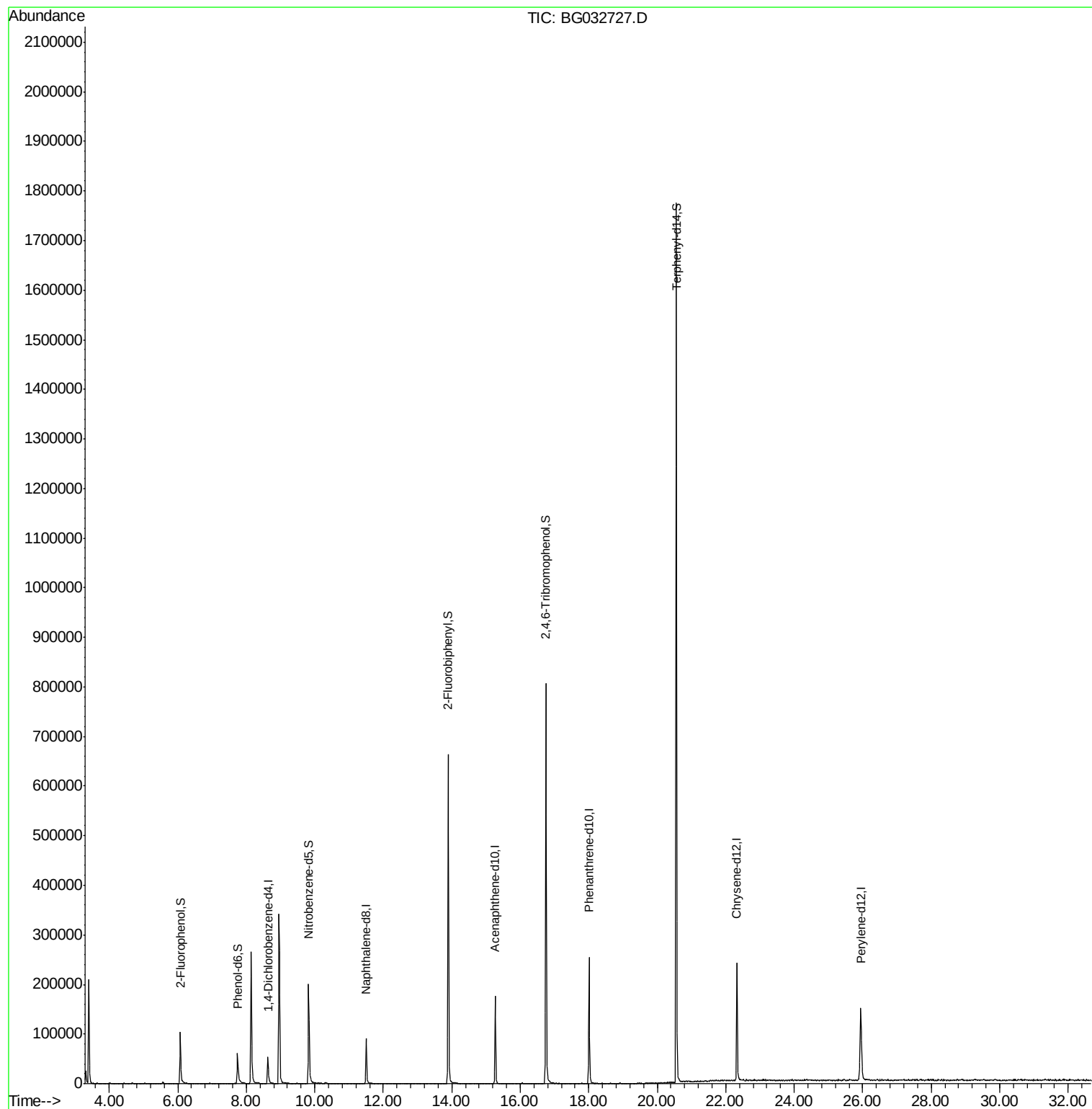
Target Compounds	Qvalue
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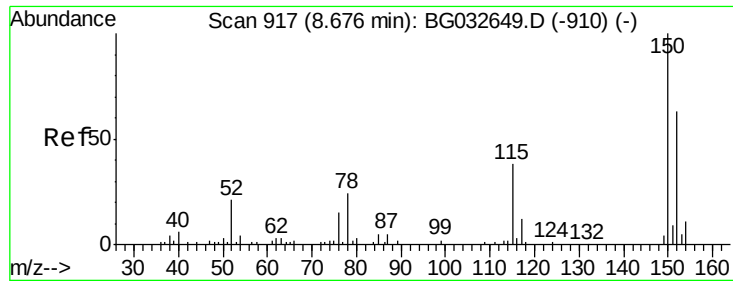
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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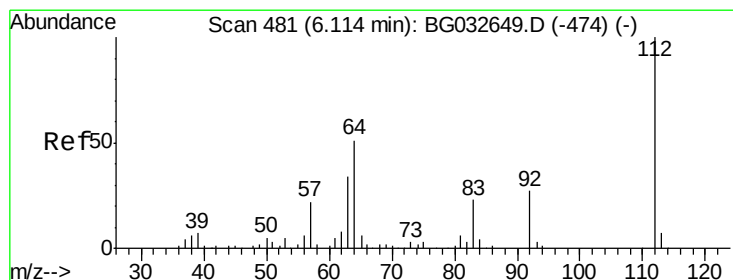
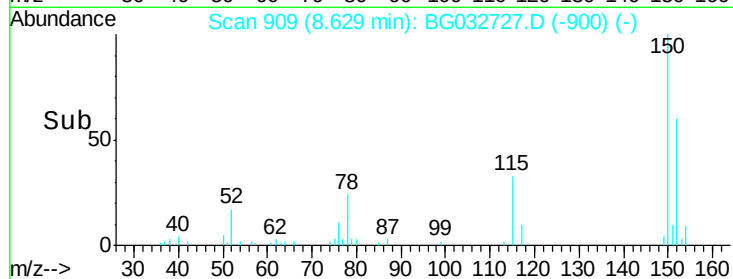
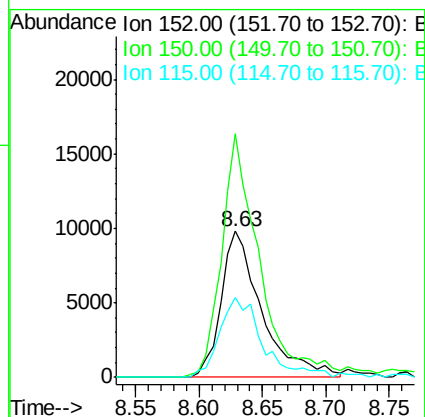
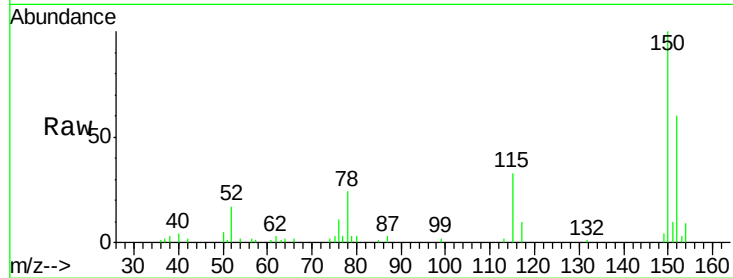


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.05 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK-20180148

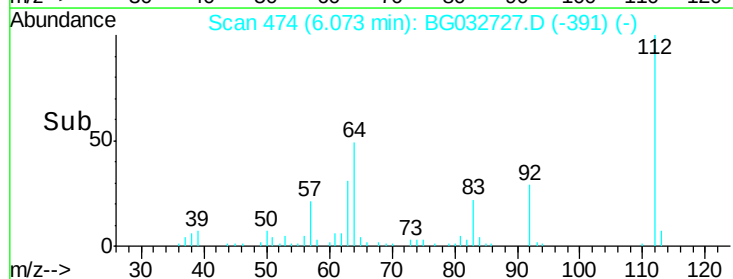
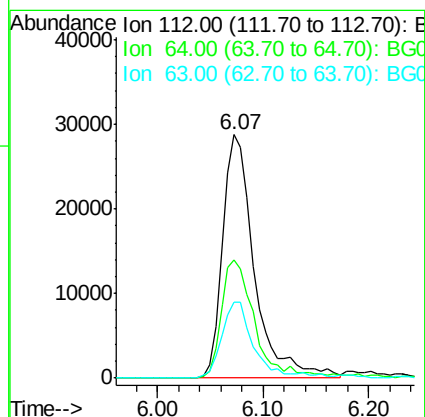
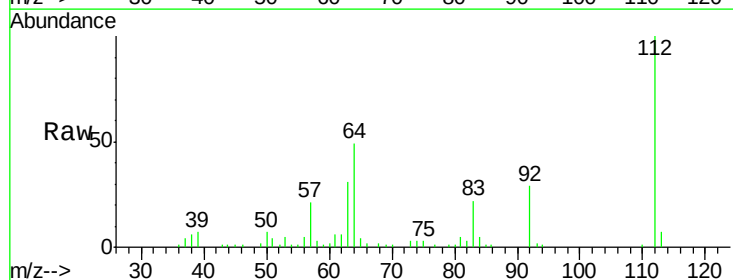
Tot Ion:152 Resp: 21819
Ion Ratio Lower Upper
152 100
150 166.7 126.6 189.8
115 54.5 53.0 79.4

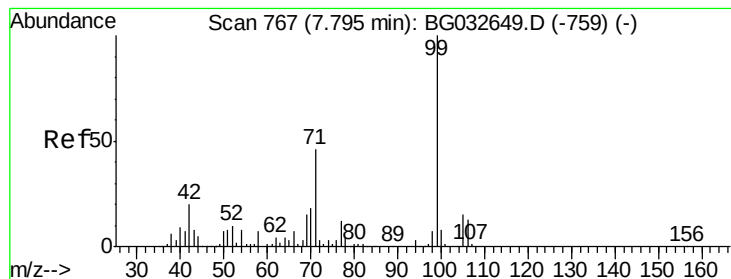


#5

2-Fluorophenol
Concen: 55.462 ng
RT: 6.07 min Scan# 474
Delta R.T. -0.04 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

Tgt Ion:112 Resp: 60315
Ion Ratio Lower Upper
112 100
64 48.6 56.3 84.5#
63 31.3 30.1 45.1





#7

Phenol-d6

Concen: 31.921 ng

RT: 7.75 min Scan# 759

Delta R.T. -0.05 min

Lab File: BG032727.D

Acq: 15 Feb 2018 23:34

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK-20180148

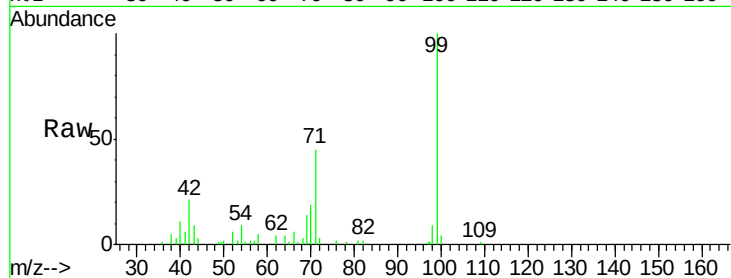
Tot Ion: 99 Resp: 47468

Ion Ratio Lower Upper

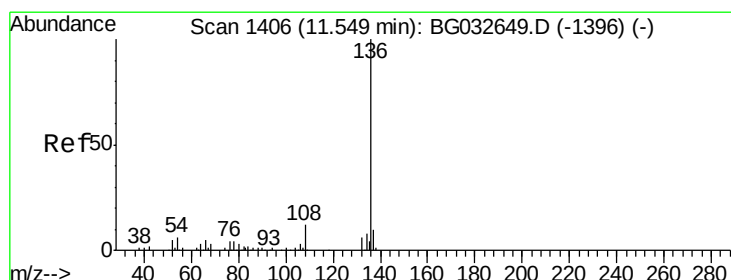
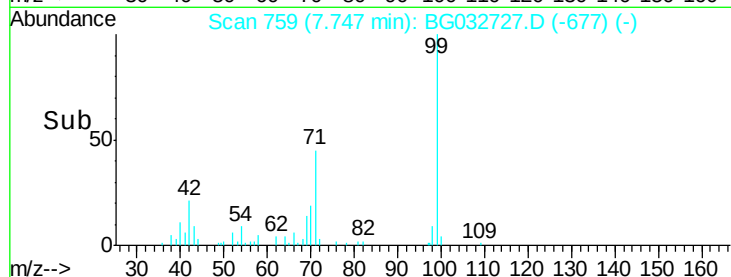
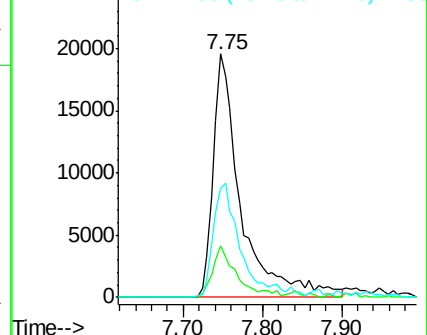
99 100

42 21.0 14.1 21.1

71 44.7 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: 11.50 min Scan# 1398

Delta R.T. -0.05 min

Lab File: BG032727.D

Acq: 15 Feb 2018 23:34

Tgt Ion: 136 Resp: 94810

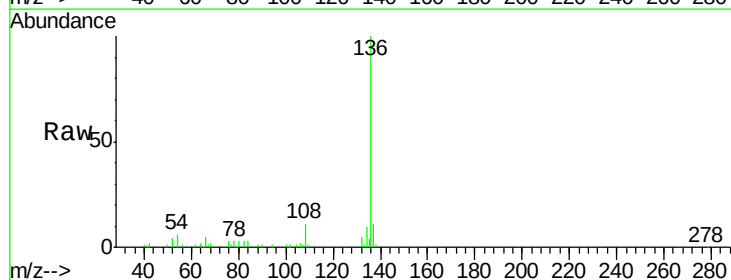
Ion Ratio Lower Upper

136 100

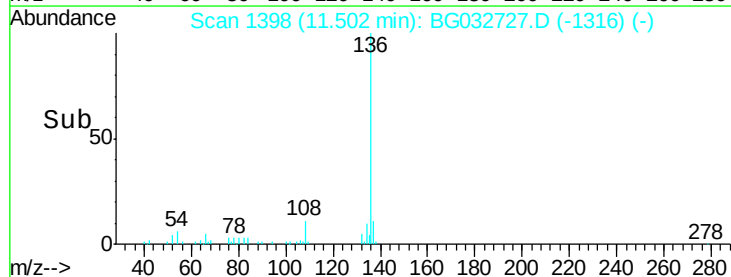
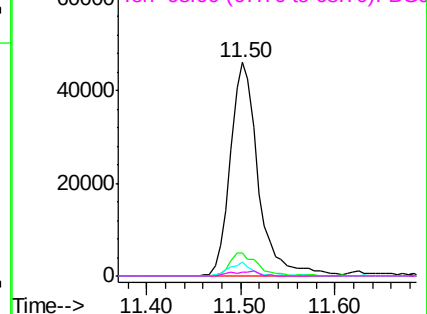
137 10.7 9.2 13.8

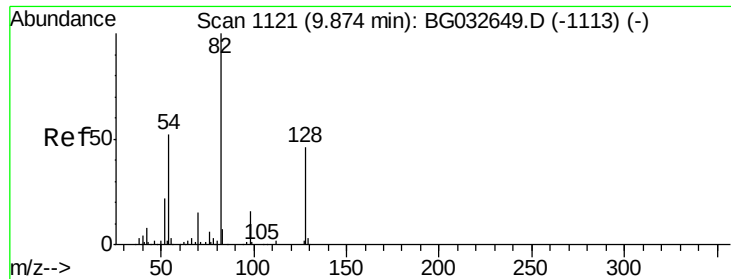
54 6.4 10.3 15.5#

68 1.9 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

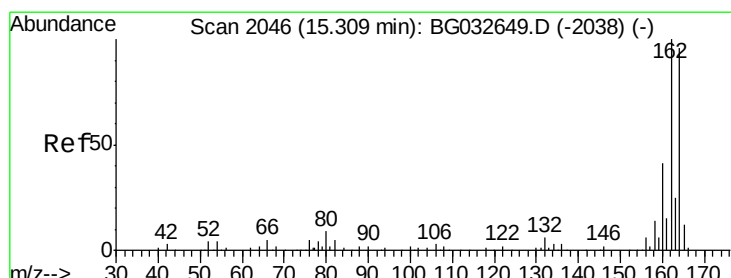
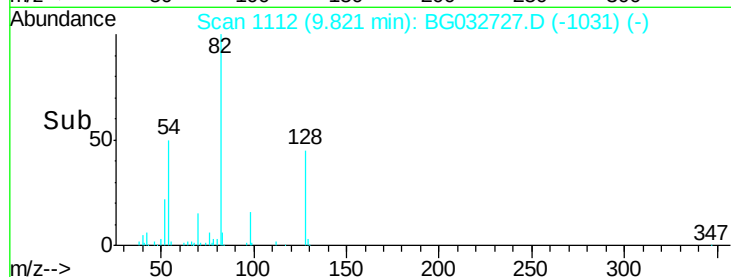
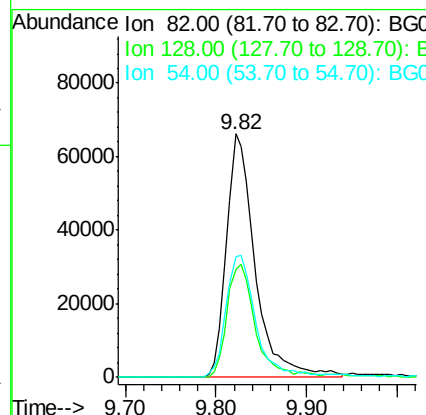
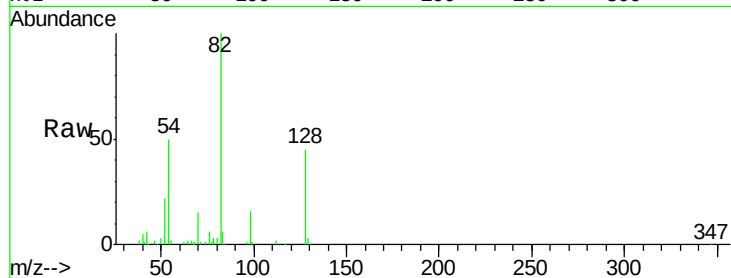




#23
Nitrobenzene-d5
Concen: 97.397 ng
RT: 9.82 min Scan# 1112
Delta R.T. -0.05 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

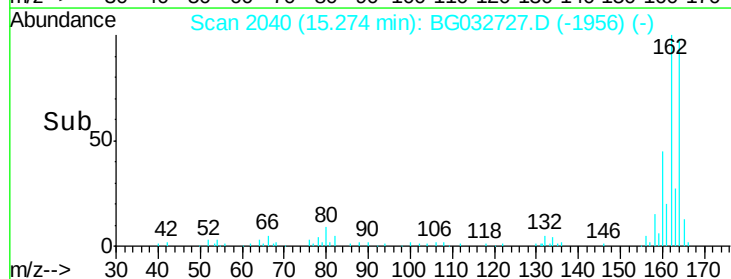
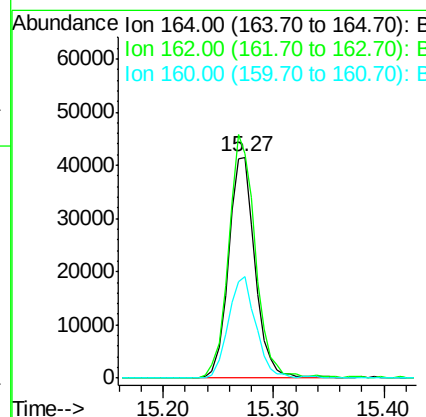
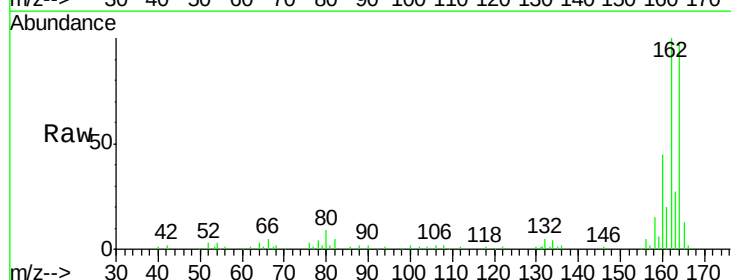
Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK-20180148

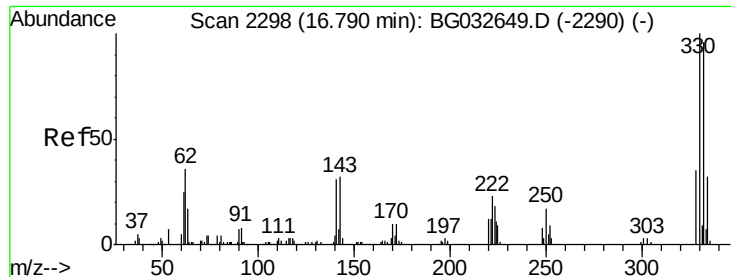
Tot Ion: 82 Resp: 145295
Ion Ratio Lower Upper
82 100
128 44.6 29.7 44.5#
54 49.5 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.27 min Scan# 2040
Delta R.T. -0.04 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

Tgt Ion: 164 Resp: 69753
Ion Ratio Lower Upper
164 100
162 101.7 78.8 118.2
160 46.2 35.4 53.0

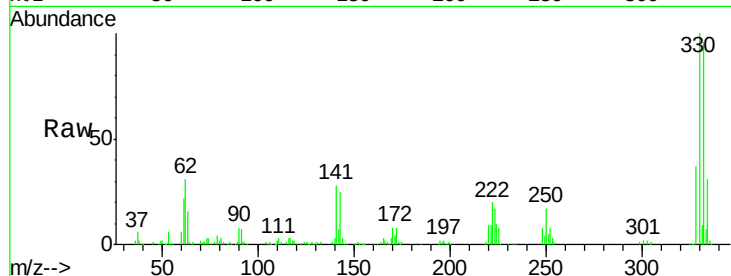




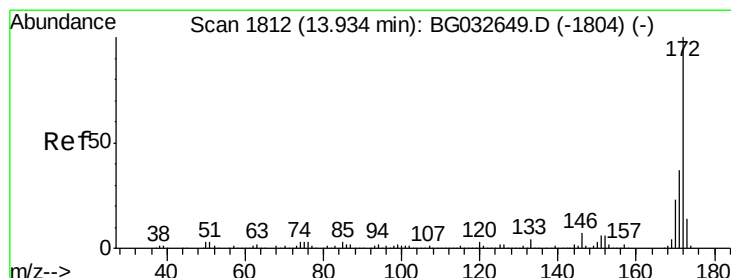
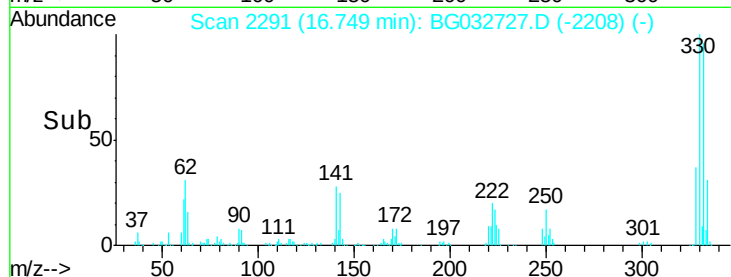
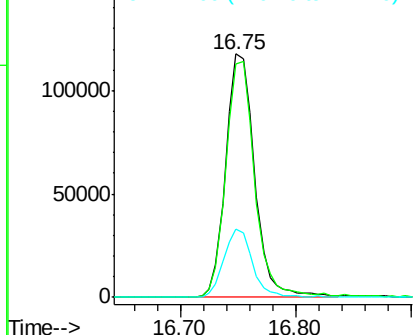
#41
 2,4,6-Tribromophenol
 Concen: 191.551 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.04 min
 Lab File: BG032727.D
 Acq: 15 Feb 2018 23:34

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK-20180148

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	27.7	25.2	37.8

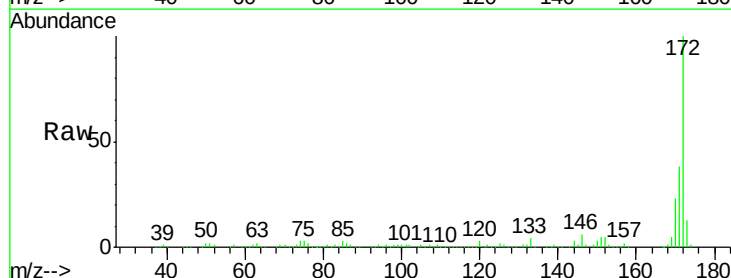


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

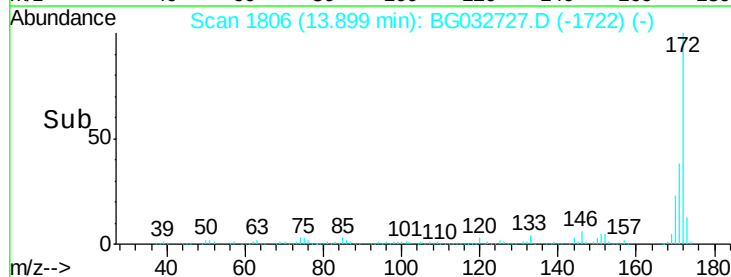
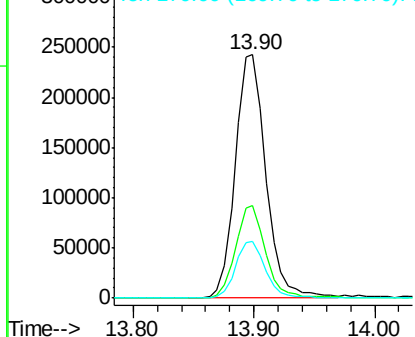


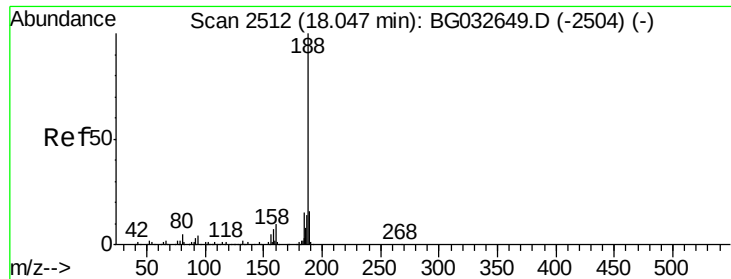
#44
 2-Fluorobiphenyl
 Concen: 77.106 ng
 RT: 13.90 min Scan# 1806
 Delta R.T. -0.04 min
 Lab File: BG032727.D
 Acq: 15 Feb 2018 23:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	23.3	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.01 min Scan# 2505

Delta R.T. -0.04 min

Lab File: BG032727.D

Acq: 15 Feb 2018 23:34

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK-20180148

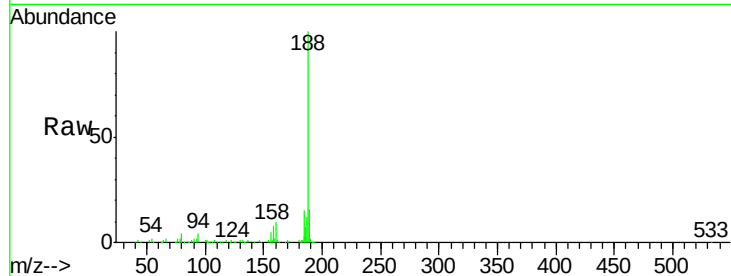
Tot Ion:188 Resp: 197937

Ion Ratio Lower Upper

188 100

94 3.8 6.9 10.3#

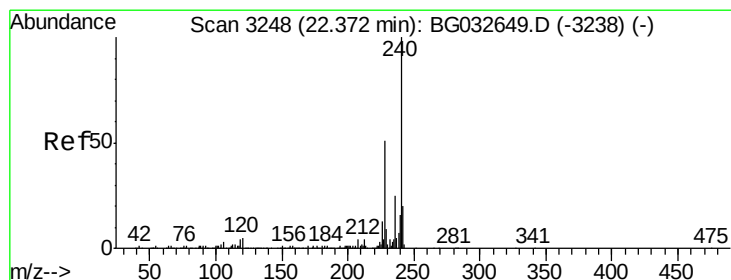
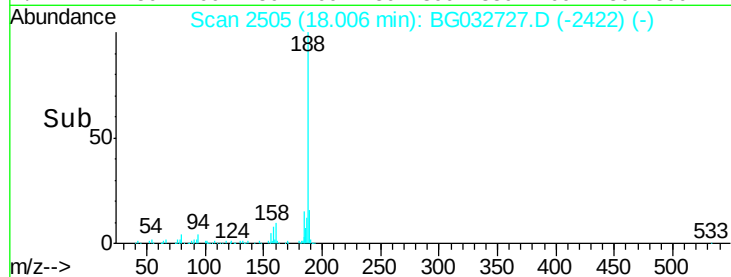
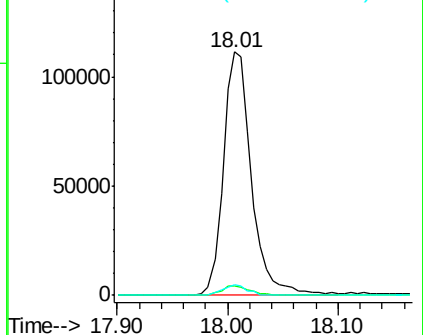
80 4.3 7.7 11.5#



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: 22.32 min Scan# 3240

Delta R.T. -0.05 min

Lab File: BG032727.D

Acq: 15 Feb 2018 23:34

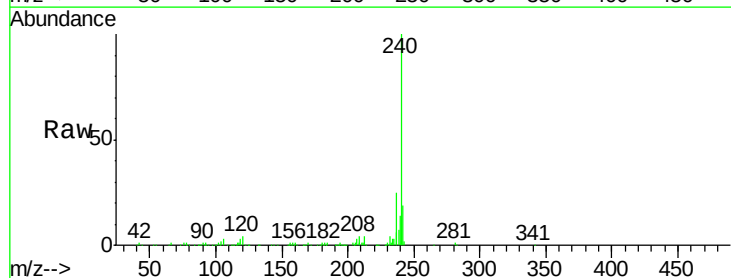
Tgt Ion:240 Resp: 190919

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

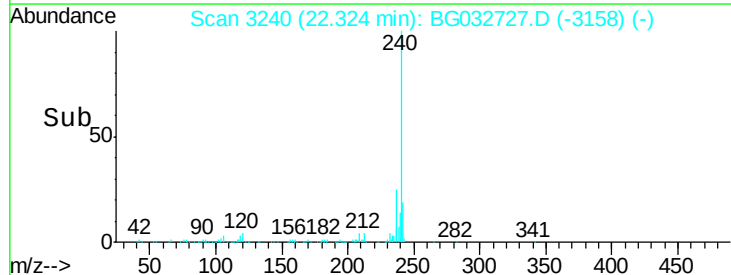
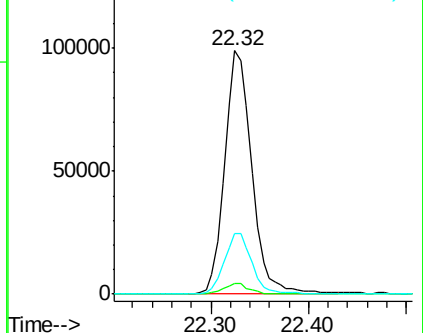
236 24.9 20.9 31.3

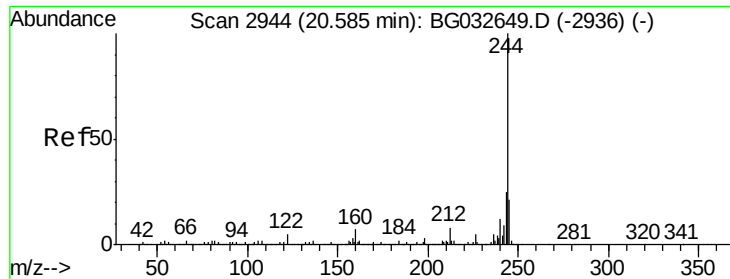


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 114.884 ng

RT: 20.56 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG032727.D

Acq: 15 Feb 2018 23:34

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK-20180148

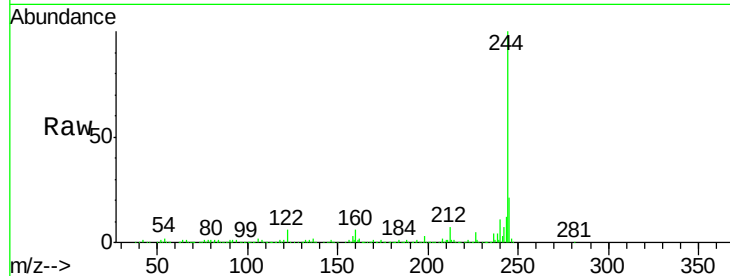
Tot Ion:244 Resp: 962331

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

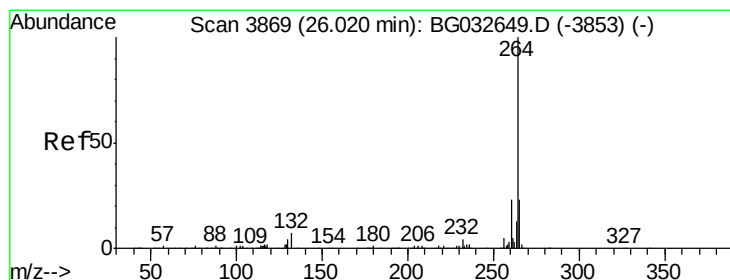
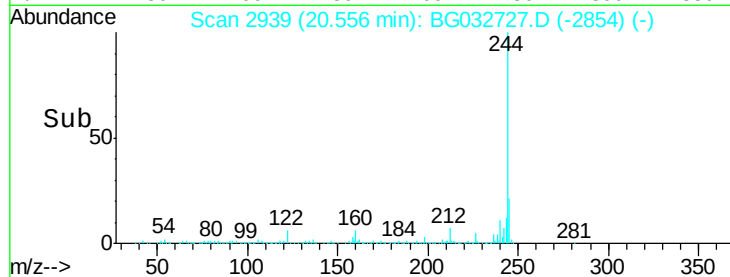
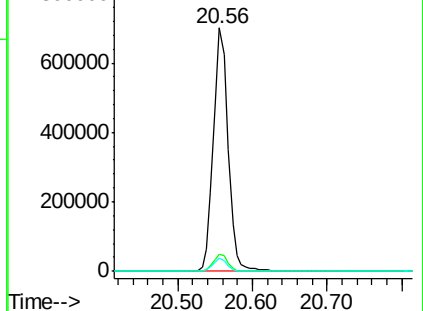
122 5.7 7.0 10.4#



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: 25.94 min Scan# 3856

Delta R.T. -0.08 min

Lab File: BG032727.D

Acq: 15 Feb 2018 23:34

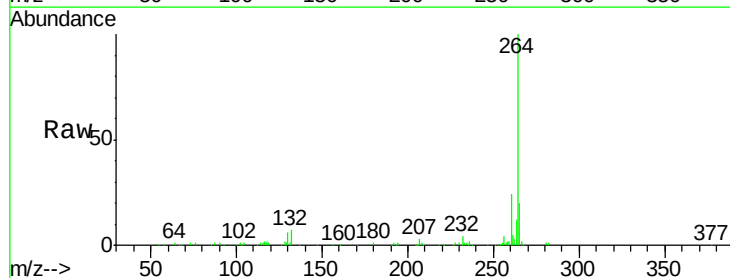
Tgt Ion:264 Resp: 212433

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 19.7 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

