

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
 Data File : BG032707.D
 Acq On : 15 Feb 2018 9:01
 Operator : SJ/JU
 Sample : J1541-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-C-1-3

Quant Time: Feb 15 11:13:13 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	8.66	152	25202	20.00	ng	-0.02
21) Naphthalene-d8	11.53	136	114418	20.00	ng	-0.02
38) Acenaphthene-d10	15.29	164	82082	20.00	ng	-0.02
63) Phenanthrene-d10	18.02	188	200211	20.00	ng	-0.02
75) Chrysene-d12	22.35	240	295279	20.00	ng	-0.02
86) Perylene-d12	25.99	264	339120	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	184434	146.83	ng	0.00
7) Phenol-d6	7.78	99	193129	112.44	ng	-0.01
23) Nitrobenzene-d5	9.85	82	166274	92.36	ng	-0.02
41) 2,4,6-Tribromophenol	16.77	330	229599	181.66	ng	-0.02
44) 2-Fluorobiphenyl	13.92	172	586558	89.36	ng	-0.01
78) Terphenyl-d14	20.58	244	1218011	94.02	ng	0.00

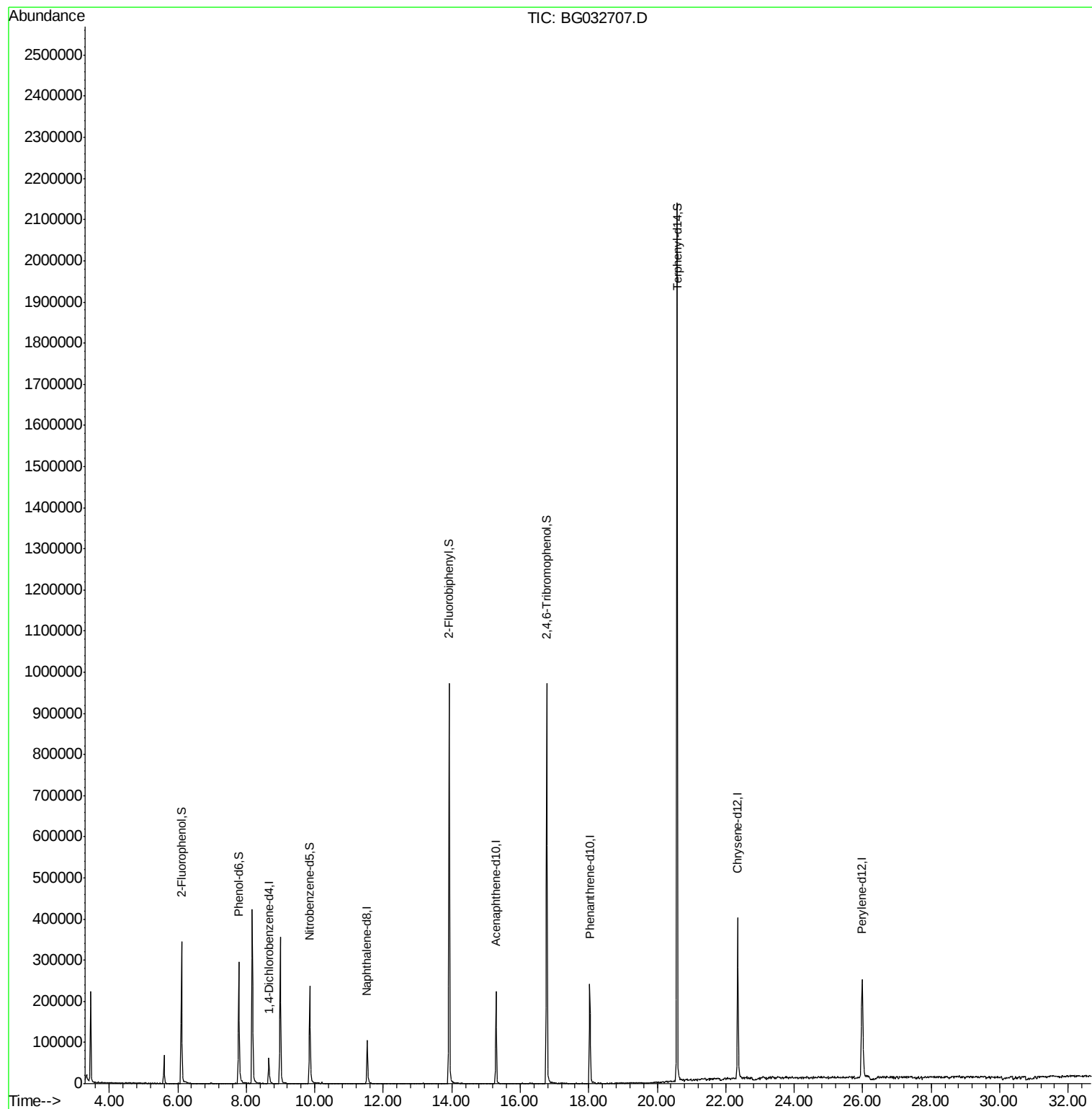
Target Compounds Qvalue

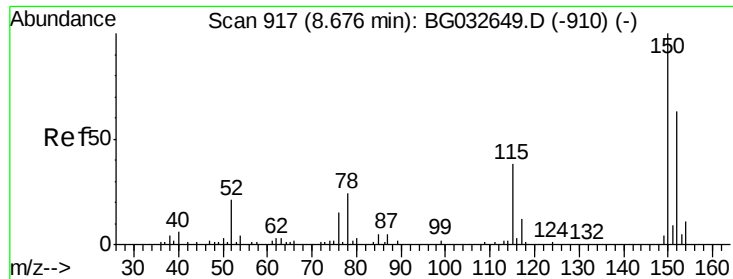
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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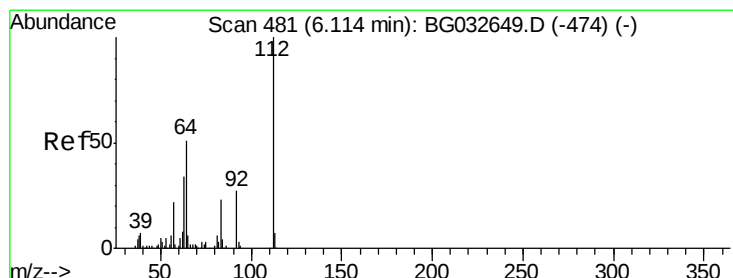
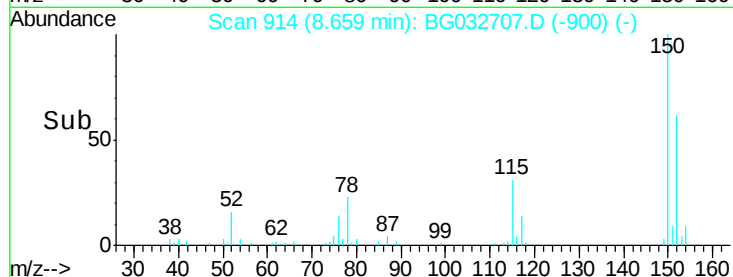
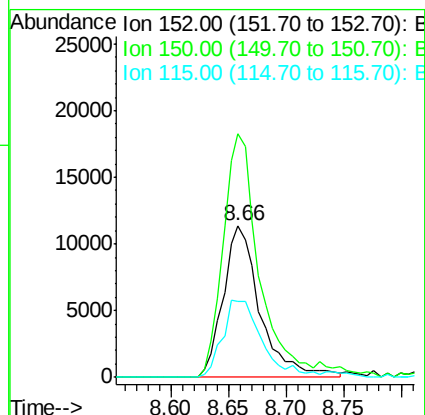
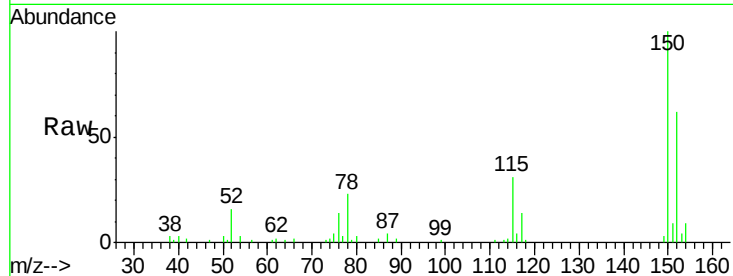


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.66 min Scan# 914
Delta R.T. -0.02 min
Lab File: BG032707.D
Acq: 15 Feb 2018 9:01

Instrument :
BNA_G
ClientSampleId :
SAMPLE-C-1-3

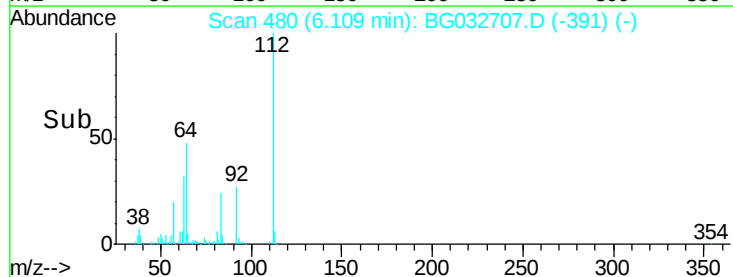
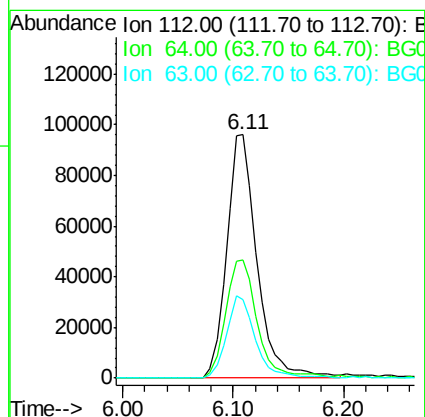
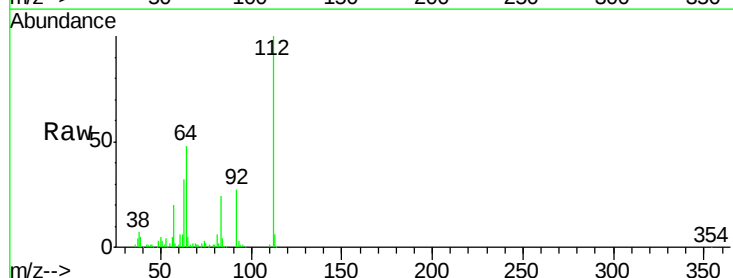
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.6	189.8
115	50.3	53.0	79.4

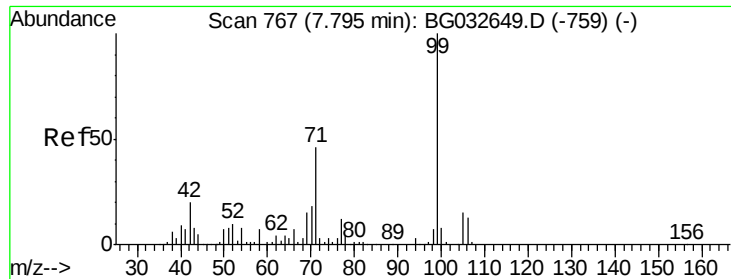


#5

2-Fluorophenol
Concen: 146.829 ng
RT: 6.11 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG032707.D
Acq: 15 Feb 2018 9:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.3	56.3	84.5
63	32.2	30.1	45.1





#7

Phenol-d6

Concen: 112.441 ng

RT: 7.78 min Scan# 765

Delta R.T. -0.01 min

Lab File: BG032707.D

Acq: 15 Feb 2018 9:01

Instrument :

BNA_G

ClientSampleId :

SAMPLE-C-1-3

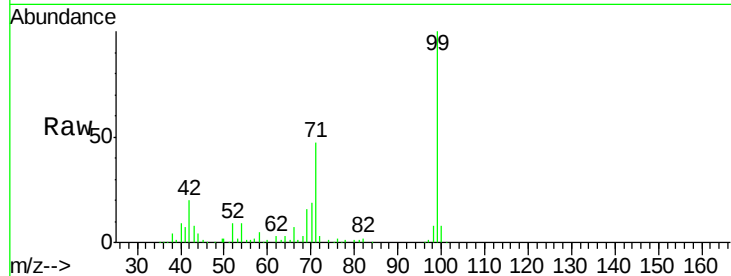
Tot Ion: 99 Resp: 193129

Ion Ratio Lower Upper

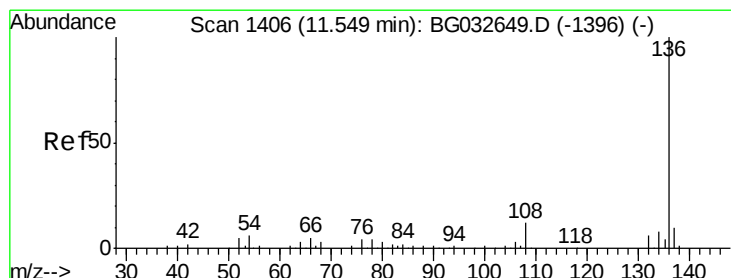
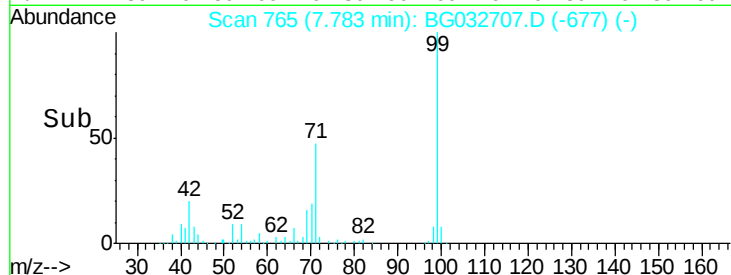
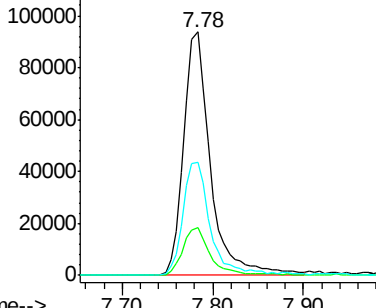
99 100

42 19.8 14.1 21.1

71 46.5 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: 11.53 min Scan# 1403

Delta R.T. -0.02 min

Lab File: BG032707.D

Acq: 15 Feb 2018 9:01

Tgt Ion: 136 Resp: 114418

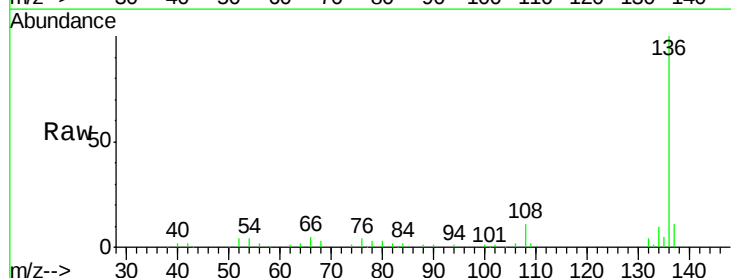
Ion Ratio Lower Upper

136 100

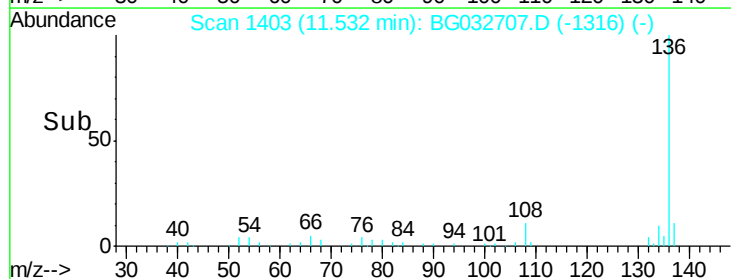
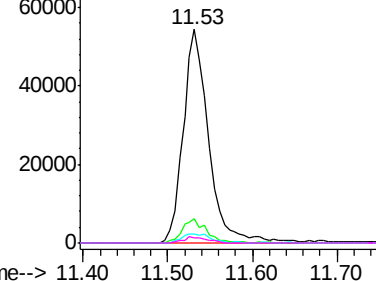
137 11.2 9.2 13.8

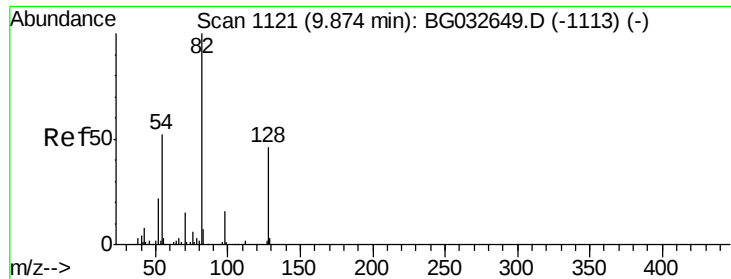
54 4.2 10.3 15.5#

68 2.6 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

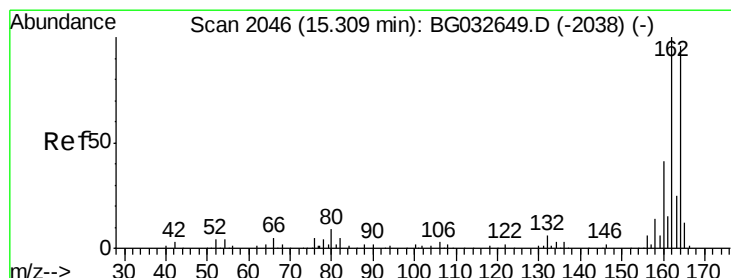
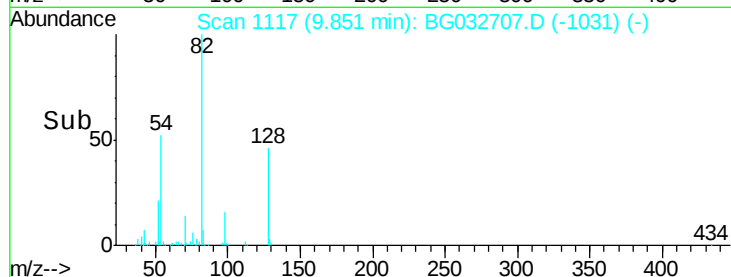
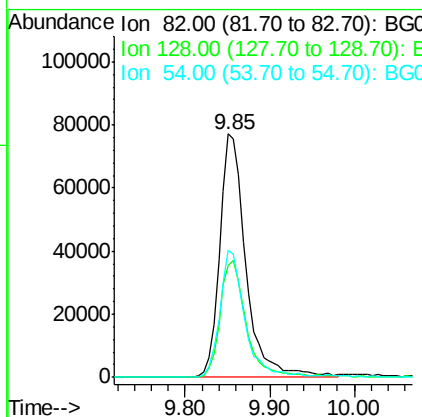
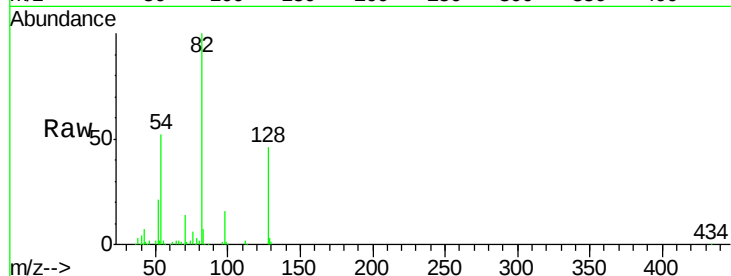




#23
 Nitrobenzene-d5
 Concen: 92.359 ng
 RT: 9.85 min Scan# 1117
 Delta R.T. -0.02 min
 Lab File: BG032707.D
 Acq: 15 Feb 2018 9:01

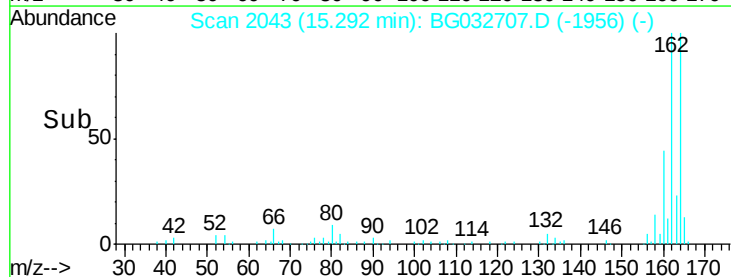
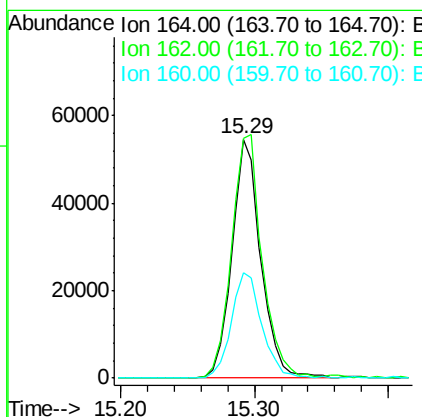
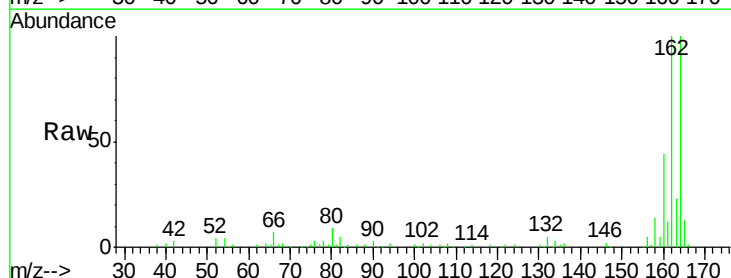
Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-C-1-3

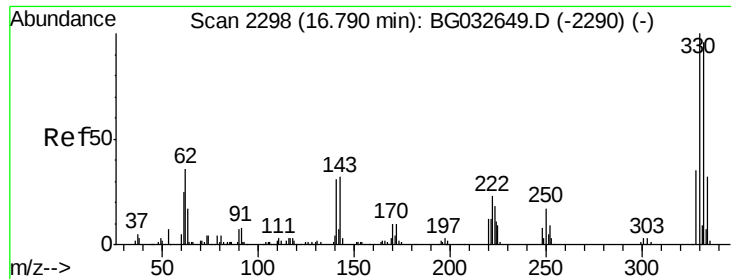
Tot Ion	82	Resp	166274
Ion Ratio	Lower	Upper	
82	100		
128	46.1	29.7	44.5#
54	52.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG032707.D
 Acq: 15 Feb 2018 9:01

Tgt Ion	164	Resp	82082
Ion Ratio	Lower	Upper	
164	100		
162	100.3	78.8	118.2
160	44.3	35.4	53.0

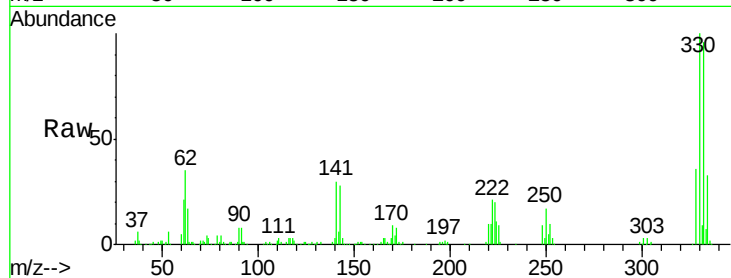




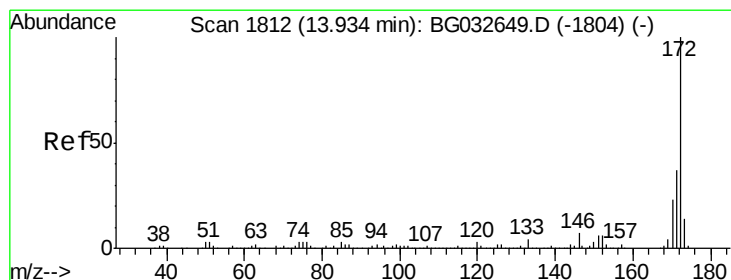
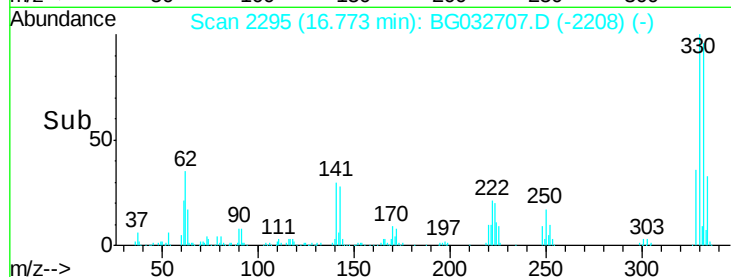
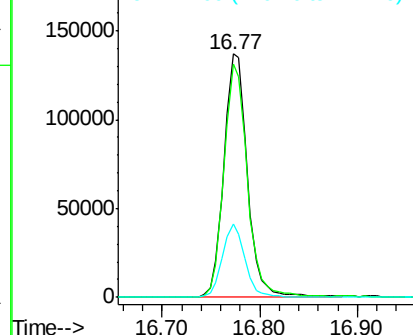
#41
 2,4,6-Tribromophenol
 Concen: 181.661 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.02 min
 Lab File: BG032707.D
 Acq: 15 Feb 2018 9:01

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-C-1-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	29.1	25.2	37.8

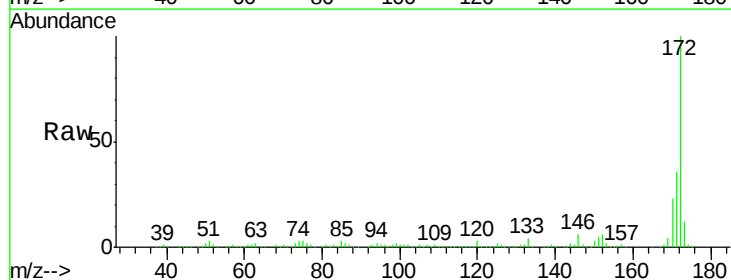


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

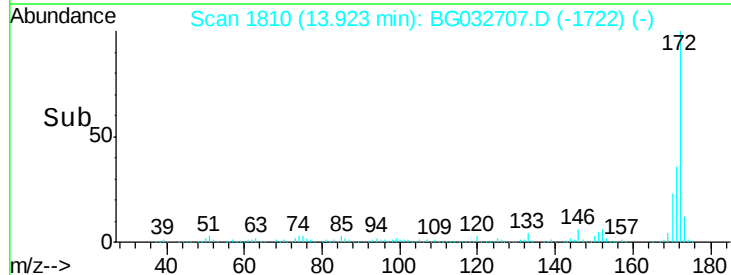
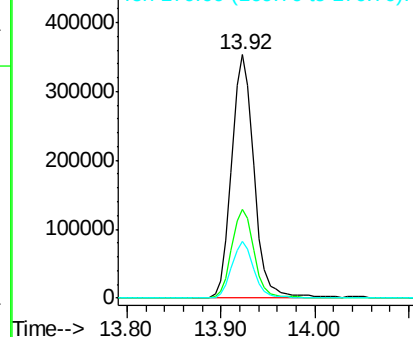


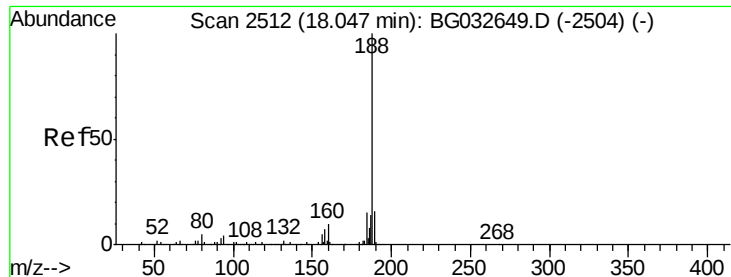
#44
 2-Fluorobiphenyl
 Concen: 89.363 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BG032707.D
 Acq: 15 Feb 2018 9:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.0	45.0
170	23.0	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: 18.02 min Scan# 2508

Delta R.T. -0.02 min

Lab File: BG032707.D

Acq: 15 Feb 2018 9:01

Instrument :

BNA_G

ClientSampleId :

SAMPLE-C-1-3

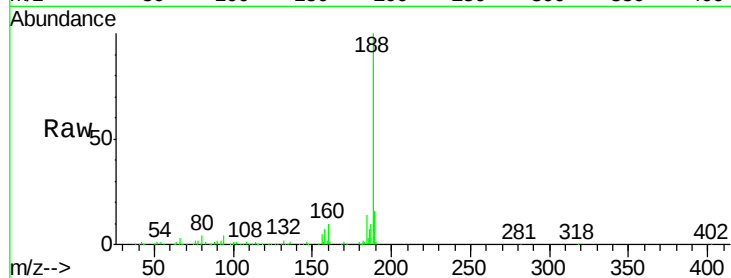
Tot Ion:188 Resp: 200211

Ion Ratio Lower Upper

188 100

94 4.2 6.9 10.3#

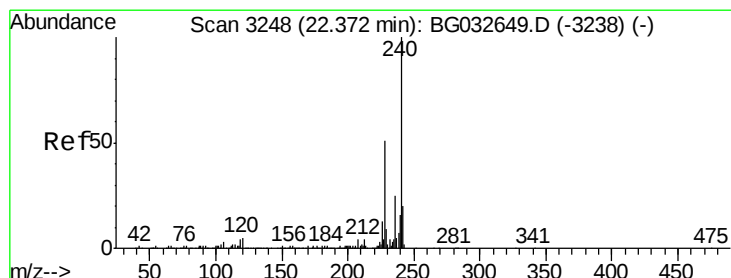
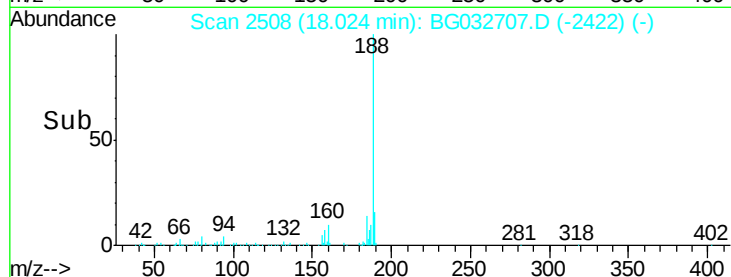
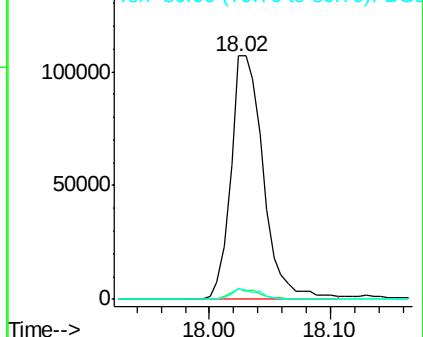
80 4.2 7.7 11.5#



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: 22.35 min Scan# 3244

Delta R.T. -0.02 min

Lab File: BG032707.D

Acq: 15 Feb 2018 9:01

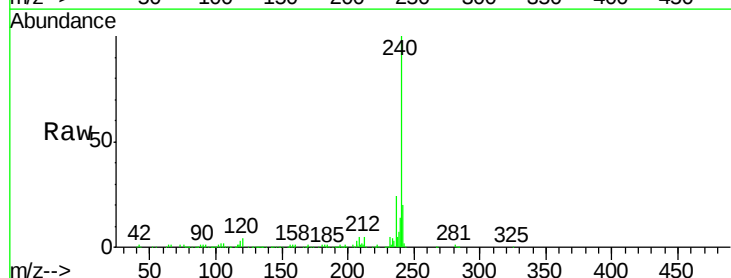
Tgt Ion:240 Resp: 295279

Ion Ratio Lower Upper

240 100

120 3.7 6.8 10.2#

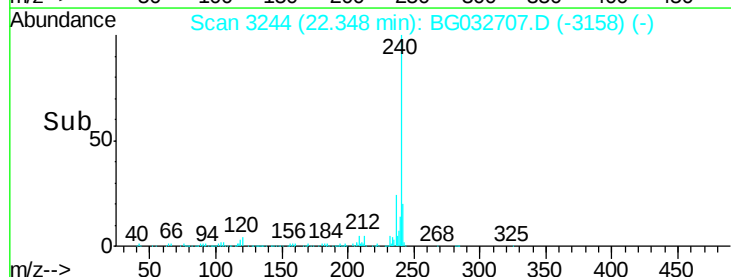
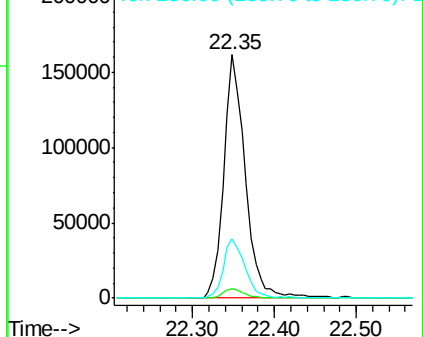
236 24.2 20.9 31.3

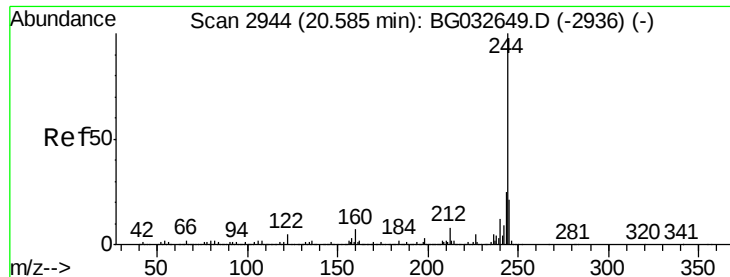


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.016 ng

RT: 20.58 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BG032707.D

Acq: 15 Feb 2018 9:01

Instrument :

BNA_G

ClientSampleId :

SAMPLE-C-1-3

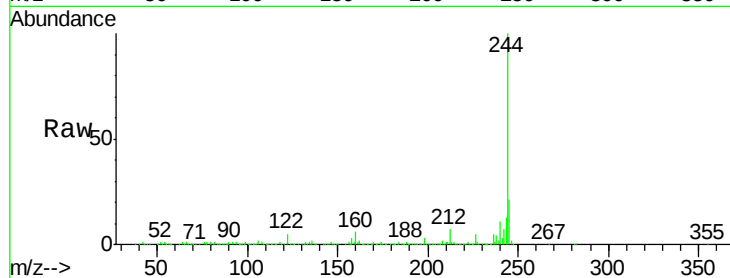
Tot Ion:244 Resp: 1218011

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

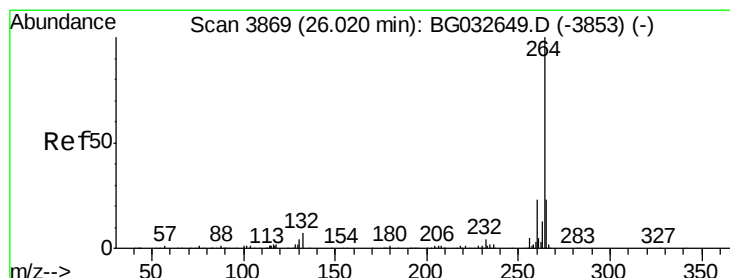
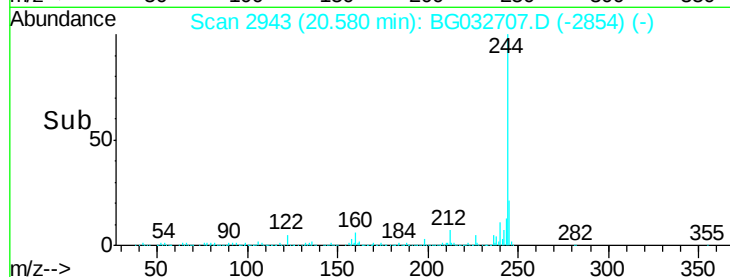
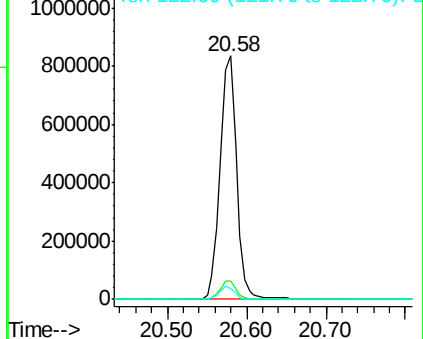
122 4.6 7.0 10.4#



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: 25.99 min Scan# 3863

Delta R.T. -0.04 min

Lab File: BG032707.D

Acq: 15 Feb 2018 9:01

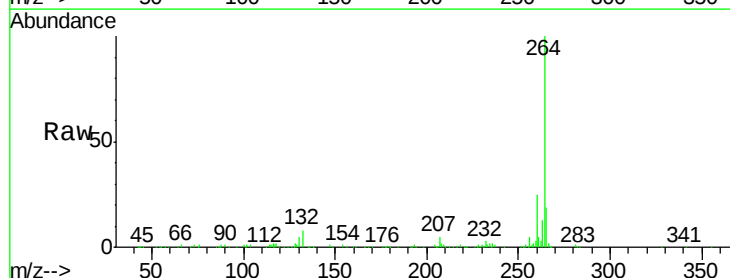
Tgt Ion:264 Resp: 339120

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

265 19.3 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

