

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031707.D
 Acq On : 22 Dec 2017 12:30
 Operator : SJ/JU
 Sample : I6971-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121517-DBRI-E-D-B

Quant Time: Dec 22 14:02:06 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	58539	20.00	ng	-0.01
21) Naphthalene-d8	11.72	136	246524	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	178089	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	466324	20.00	ng	0.00
75) Chrysene-d12	22.56	240	540470	20.00	ng	-0.01
86) Perylene-d12	26.34	264	570337	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	124730	38.81	ng	0.00
7) Phenol-d6	7.92	99	97559	23.38	ng	0.00
23) Nitrobenzene-d5	10.02	82	275274	84.32	ng	-0.01
41) 2,4,6-Tribromophenol	16.93	330	249860	91.95	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	1066681	75.18	ng	0.00
78) Terphenyl-d14	20.73	244	1854312	78.38	ng	0.00

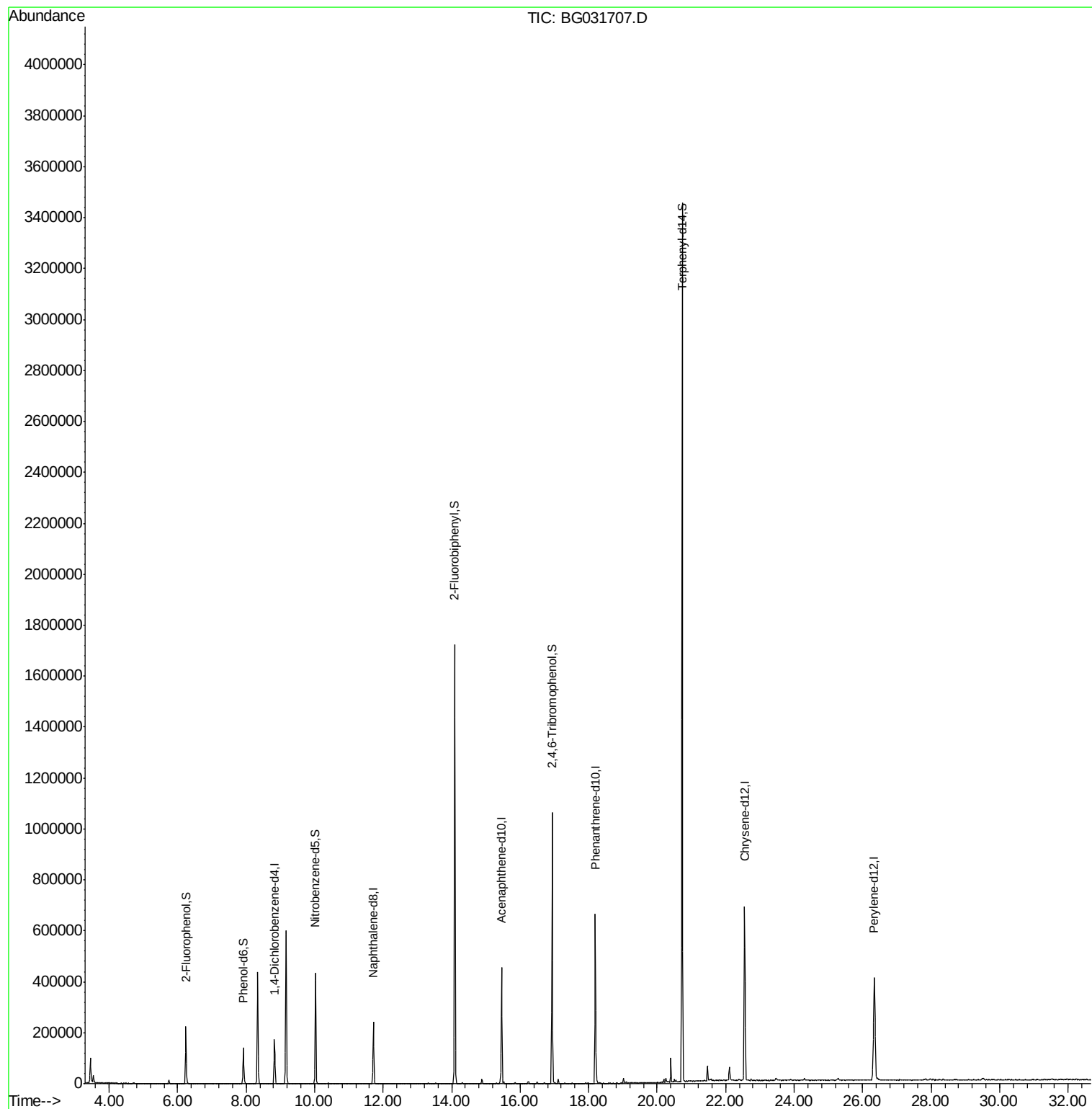
Target Compounds Qvalue

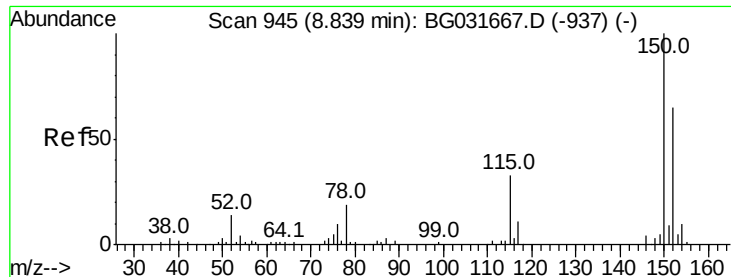
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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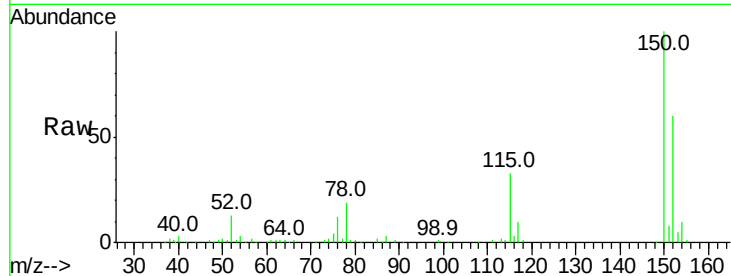


#1

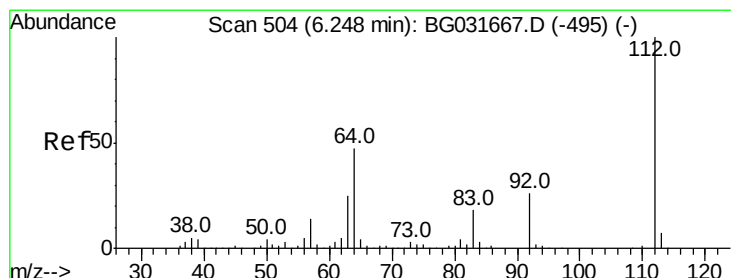
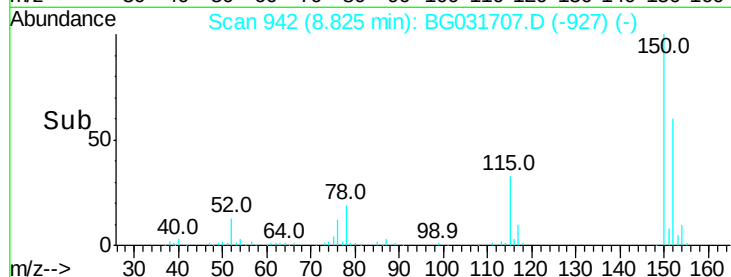
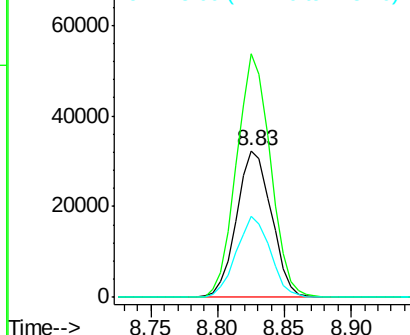
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG031707.D
Acq: 22 Dec 2017 12:30

Instrument :
BNA_G
ClientSampleId :
121517-DBRI-E-D-B

Tot Ion:152 Resp: 58539
Ion Ratio Lower Upper
152 100
150 165.7 126.6 189.8
115 55.1 53.0 79.4



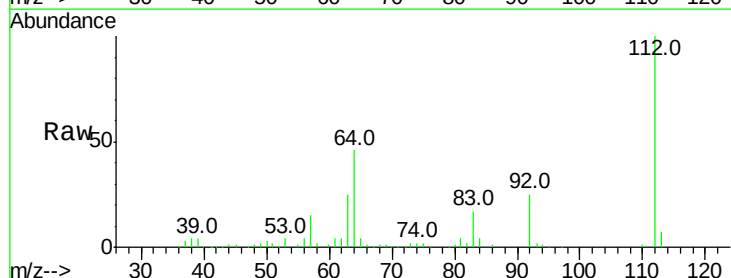
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



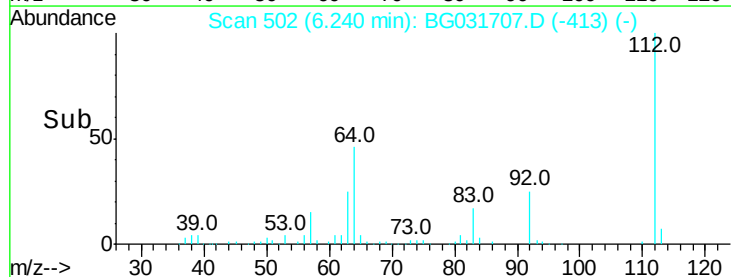
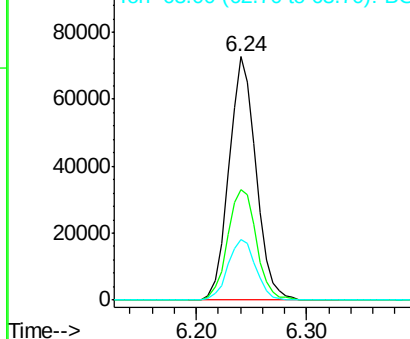
#5

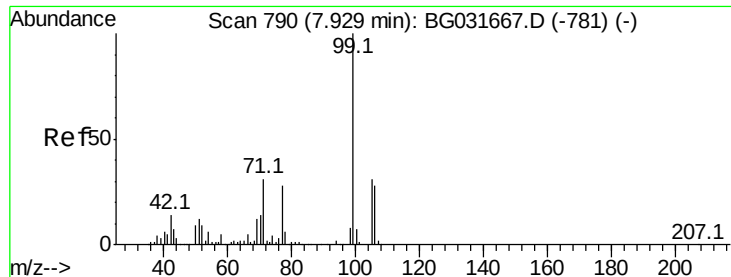
2-Fluorophenol
Concen: 38.809 ng
RT: 6.24 min Scan# 502
Delta R.T. -0.01 min
Lab File: BG031707.D
Acq: 22 Dec 2017 12:30

Tgt Ion:112 Resp: 124730
Ion Ratio Lower Upper
112 100
64 45.5 56.3 84.5#
63 25.1 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: 23.380 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031707.D

Acq: 22 Dec 2017 12:30

Instrument :

BNA_G

ClientSampleId :

121517-DBRI-E-D-B

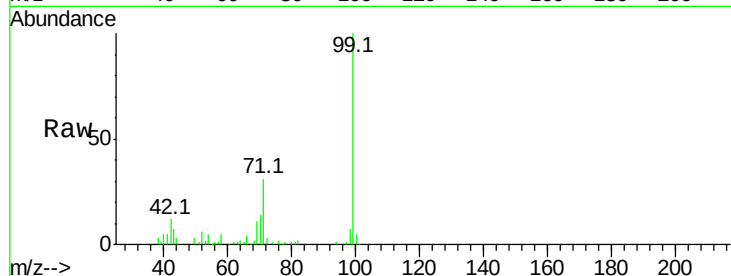
Tot Ion: 99 Resp: 97559

Ion Ratio Lower Upper

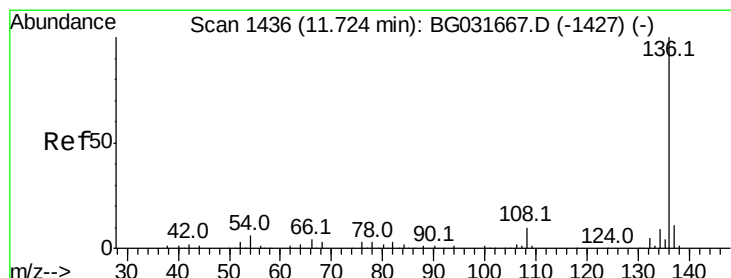
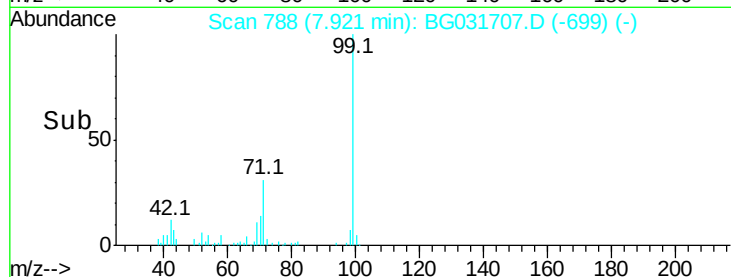
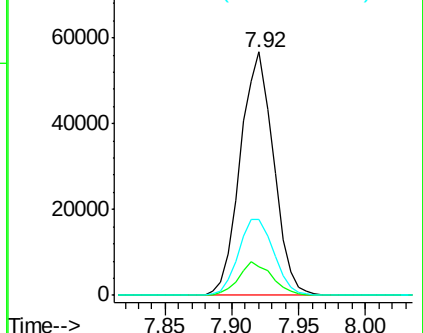
99 100

42 11.6 14.1 21.1#

71 31.4 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: 11.72 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BG031707.D

Acq: 22 Dec 2017 12:30

Tgt Ion: 136 Resp: 246524

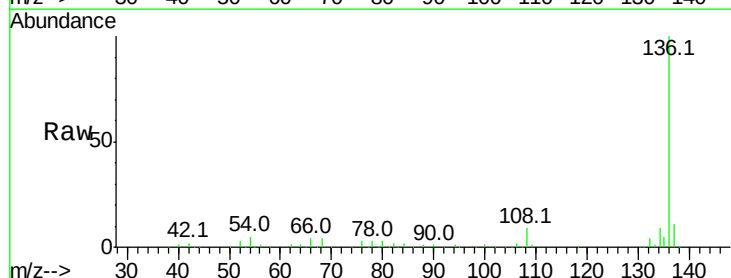
Ion Ratio Lower Upper

136 100

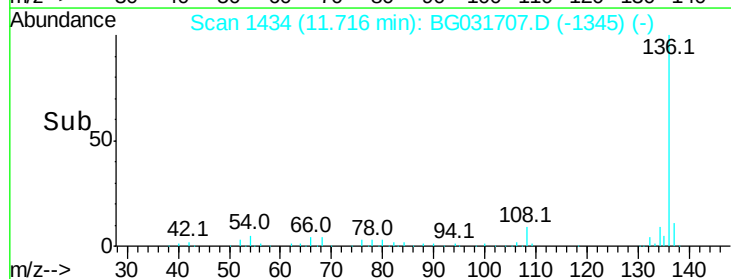
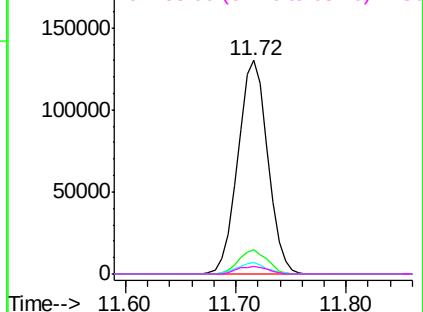
137 11.2 9.2 13.8

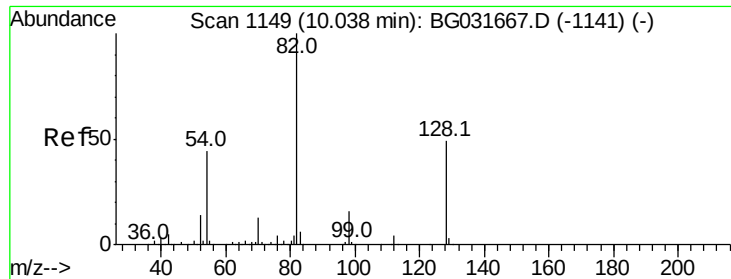
54 5.2 10.3 15.5#

68 3.7 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

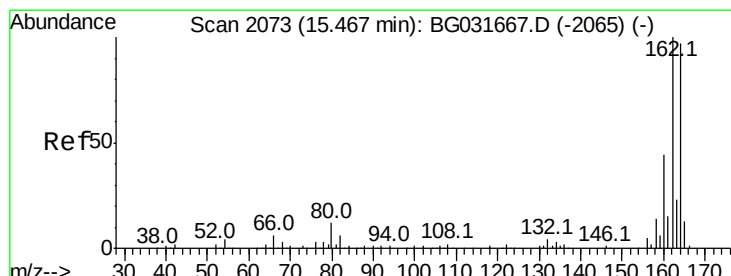
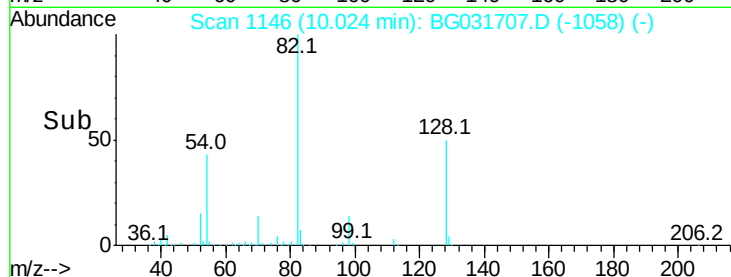
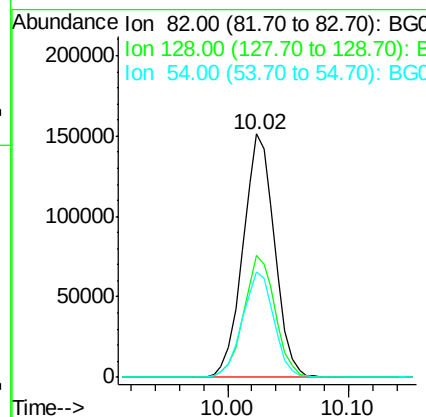
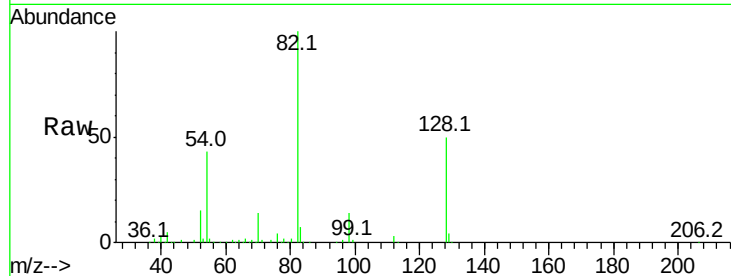




#23
 Nitrobenzene-d5
 Concen: 84.319 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BG031707.D
 Acq: 22 Dec 2017 12:30

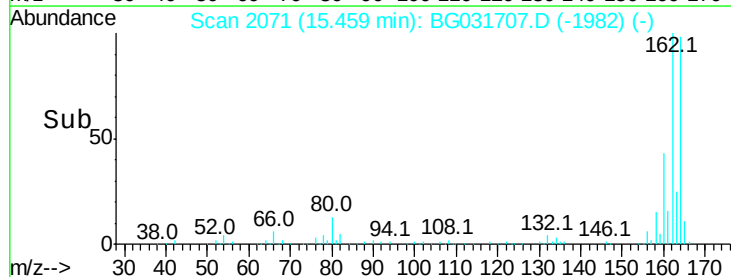
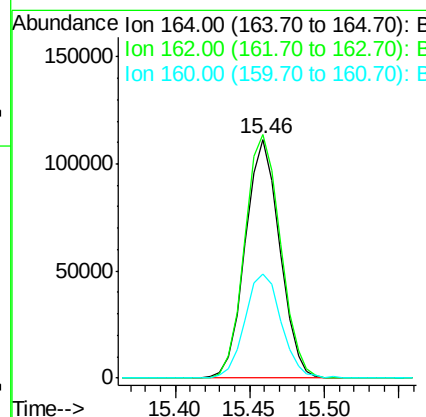
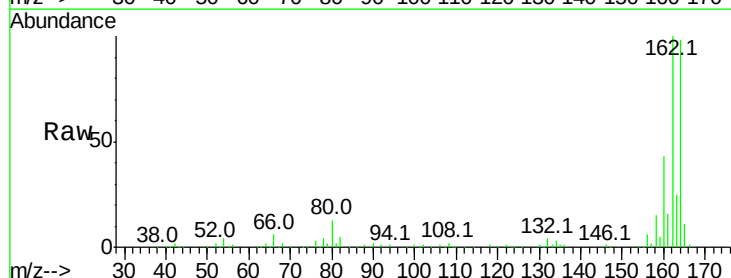
Instrument :
 BNA_G
 ClientSampleId :
 121517-DBRI-E-D-B

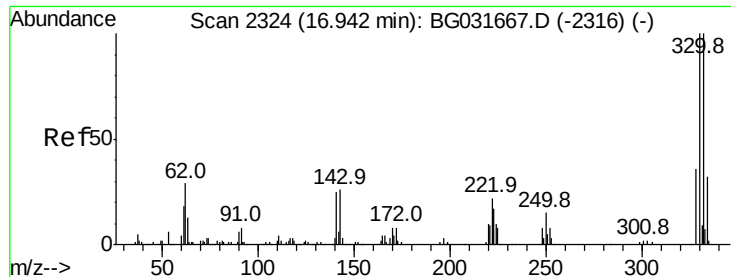
Tot Ion: 82 Resp: 275274
 Ion Ratio Lower Upper
 82 100
 128 50.3 29.7 44.5#
 54 43.4 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BG031707.D
 Acq: 22 Dec 2017 12:30

Tgt Ion:164 Resp: 178089
 Ion Ratio Lower Upper
 164 100
 162 102.0 78.8 118.2
 160 43.4 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 91.948 ng

RT: 16.93 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BG031707.D

Acq: 22 Dec 2017 12:30

Instrument :

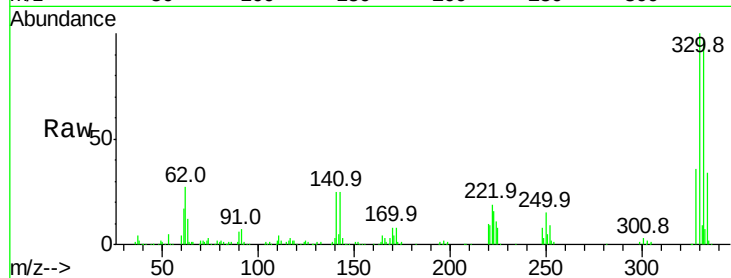
BNA_G

ClientSampleId :

121517-DBRI-E-D-B

Tot Ion:330 Resp: 249860

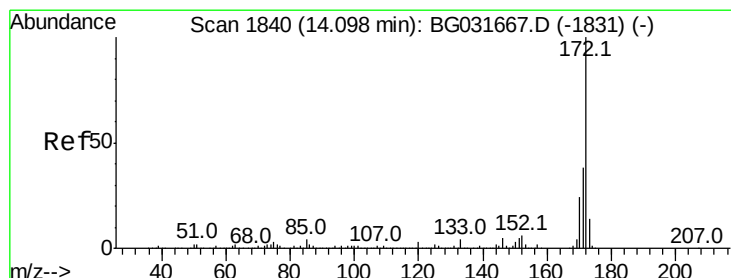
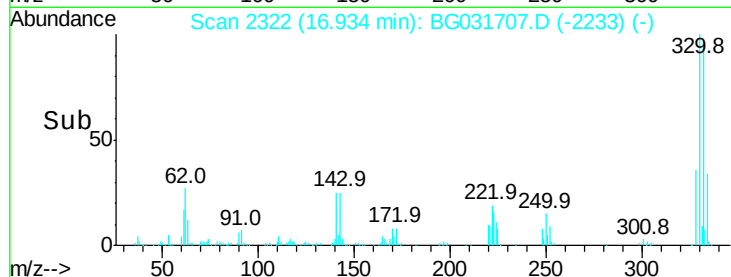
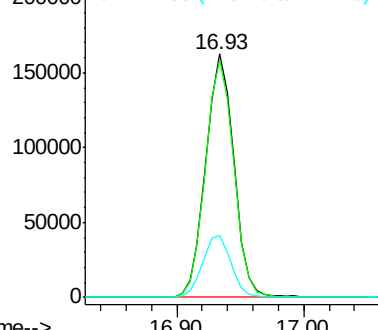
Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	25.7	25.2	37.8



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: 75.177 ng

RT: 14.09 min Scan# 1838

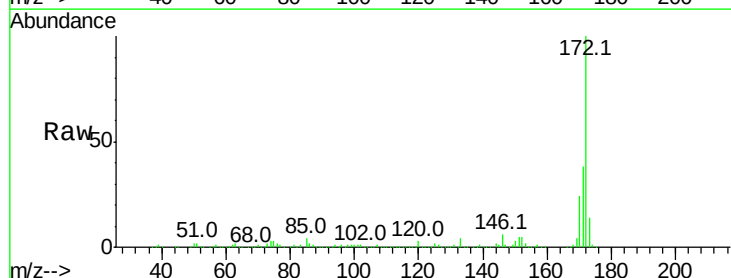
Delta R.T. -0.01 min

Lab File: BG031707.D

Acq: 22 Dec 2017 12:30

Tgt Ion:172 Resp: 1066681

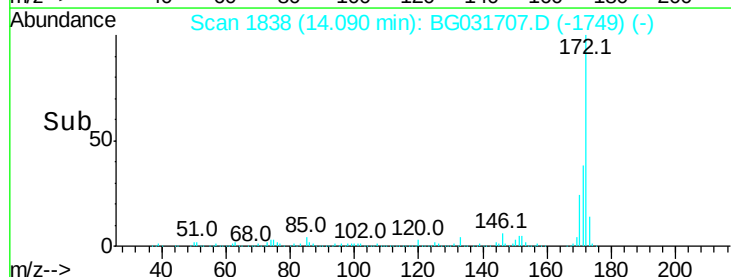
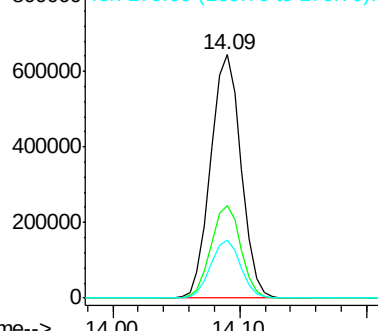
Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.0	19.5	29.3

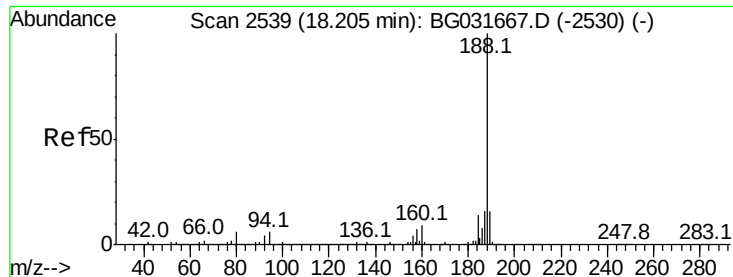


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

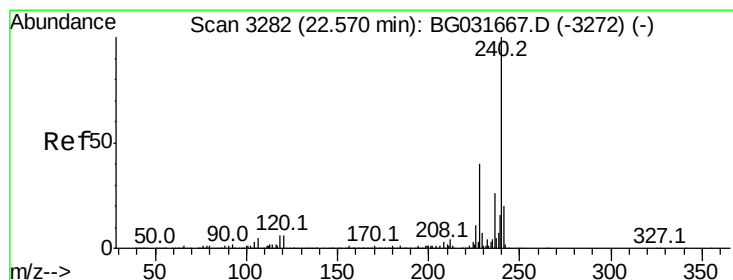
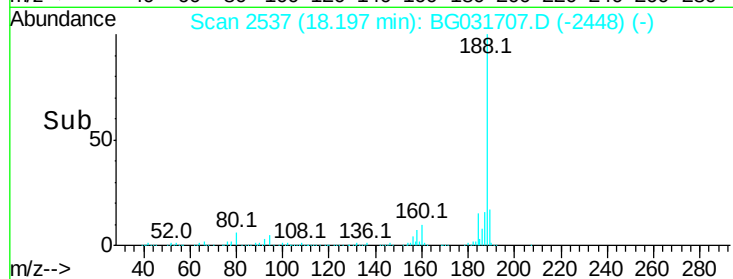
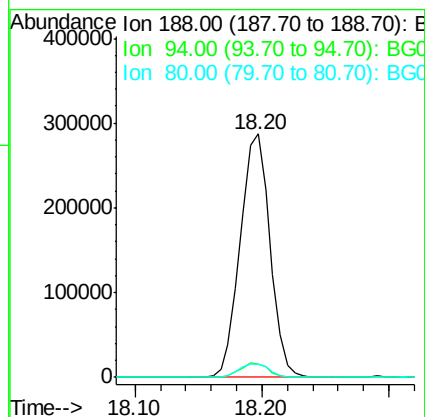
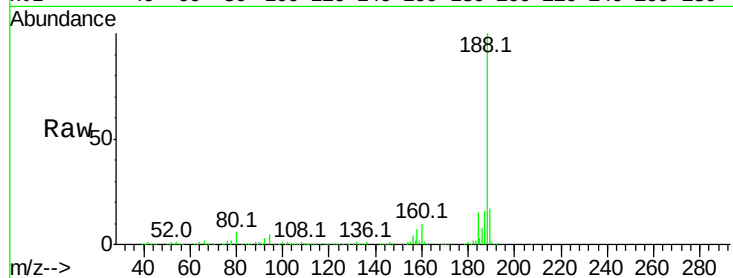




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031707.D
Acq: 22 Dec 2017 12:30

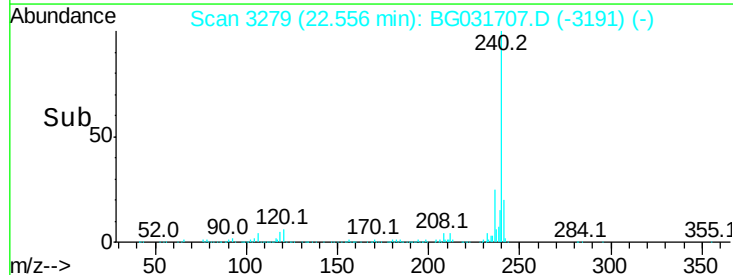
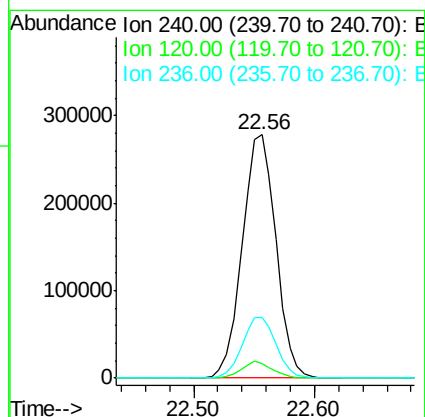
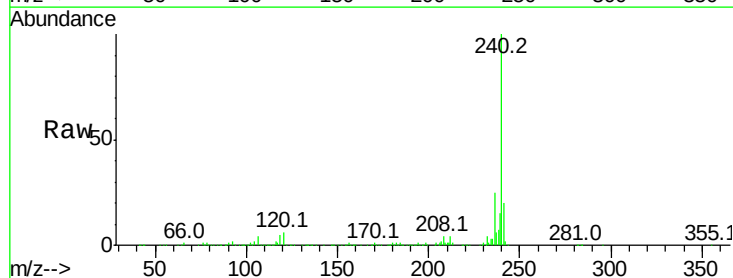
Instrument :
BNA_G
ClientSampleId :
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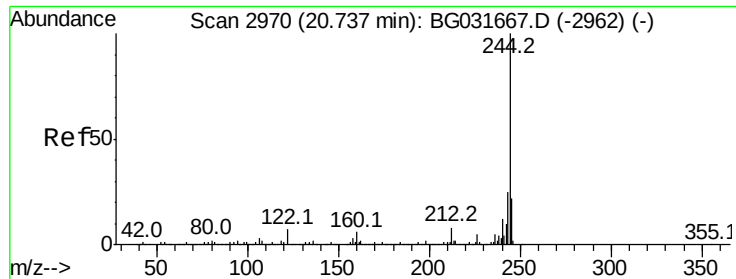
Tot Ion:188 Resp: 466324
Ion Ratio Lower Upper
188 100
94 5.2 6.9 10.3#
80 5.6 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG031707.D
Acq: 22 Dec 2017 12:30

Tgt Ion:240 Resp: 540470
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 24.9 20.9 31.3





#78

Terphenyl-d14

Concen: 78.385 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031707.D

Acq: 22 Dec 2017 12:30

Instrument :

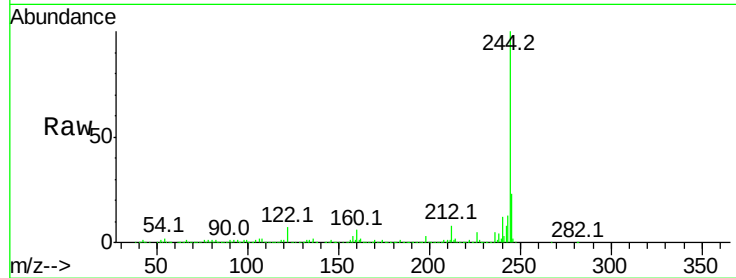
BNA_G

ClientSampleId :

121517-DBRI-E-D-B

Tot Ion:244 Resp: 1854312

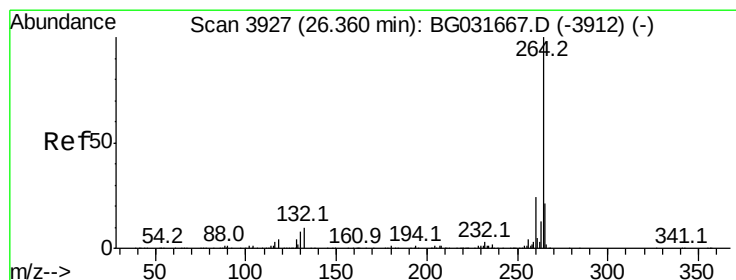
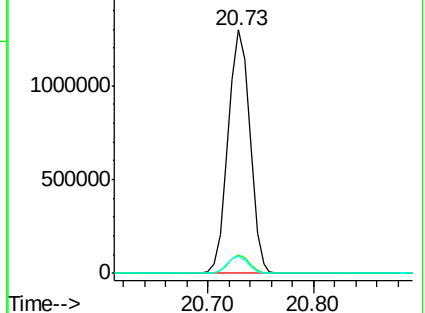
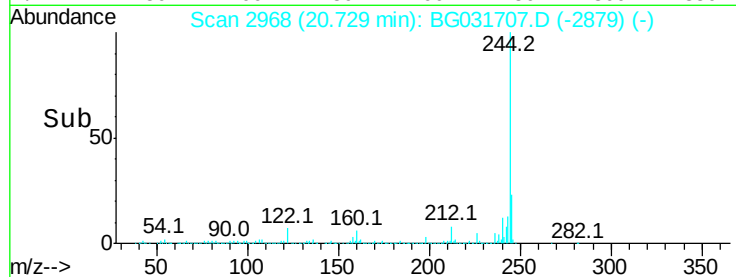
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	7.2	7.0	10.4



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: 26.34 min Scan# 3923

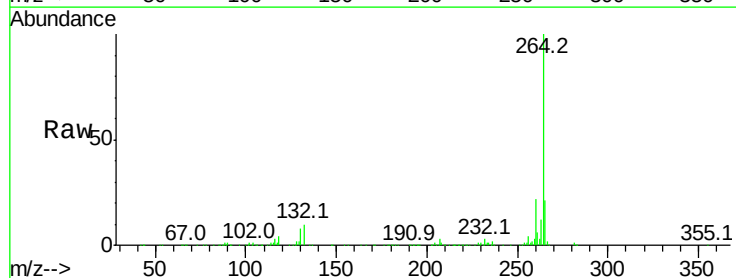
Delta R.T. -0.02 min

Lab File: BG031707.D

Acq: 22 Dec 2017 12:30

Tgt Ion:264 Resp: 570337

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	21.1	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

