

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
 Data File : BG032730.D
 Acq On : 16 Feb 2018 1:27
 Operator : SJ/JU
 Sample : PB106582BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106582BL

Quant Time: Feb 16 03:22:42 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	19910	20.00	ng	-0.05
21) Naphthalene-d8	11.50	136	74587	20.00	ng	-0.05
38) Acenaphthene-d10	15.27	164	52056	20.00	ng	-0.04
63) Phenanthrene-d10	18.01	188	143601	20.00	ng	-0.04
75) Chrysene-d12	22.33	240	198811	20.00	ng	-0.04
86) Perylene-d12	25.95	264	216395	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	130601	131.61	ng	-0.04
7) Phenol-d6	7.75	99	151040	111.31	ng	-0.04
23) Nitrobenzene-d5	9.82	82	92276	78.63	ng	-0.05
41) 2,4,6-Tribromophenol	16.75	330	140555	175.35	ng	-0.04
44) 2-Fluorobiphenyl	13.90	172	349726	84.01	ng	-0.04
78) Terphenyl-d14	20.56	244	828437	94.97	ng	-0.03

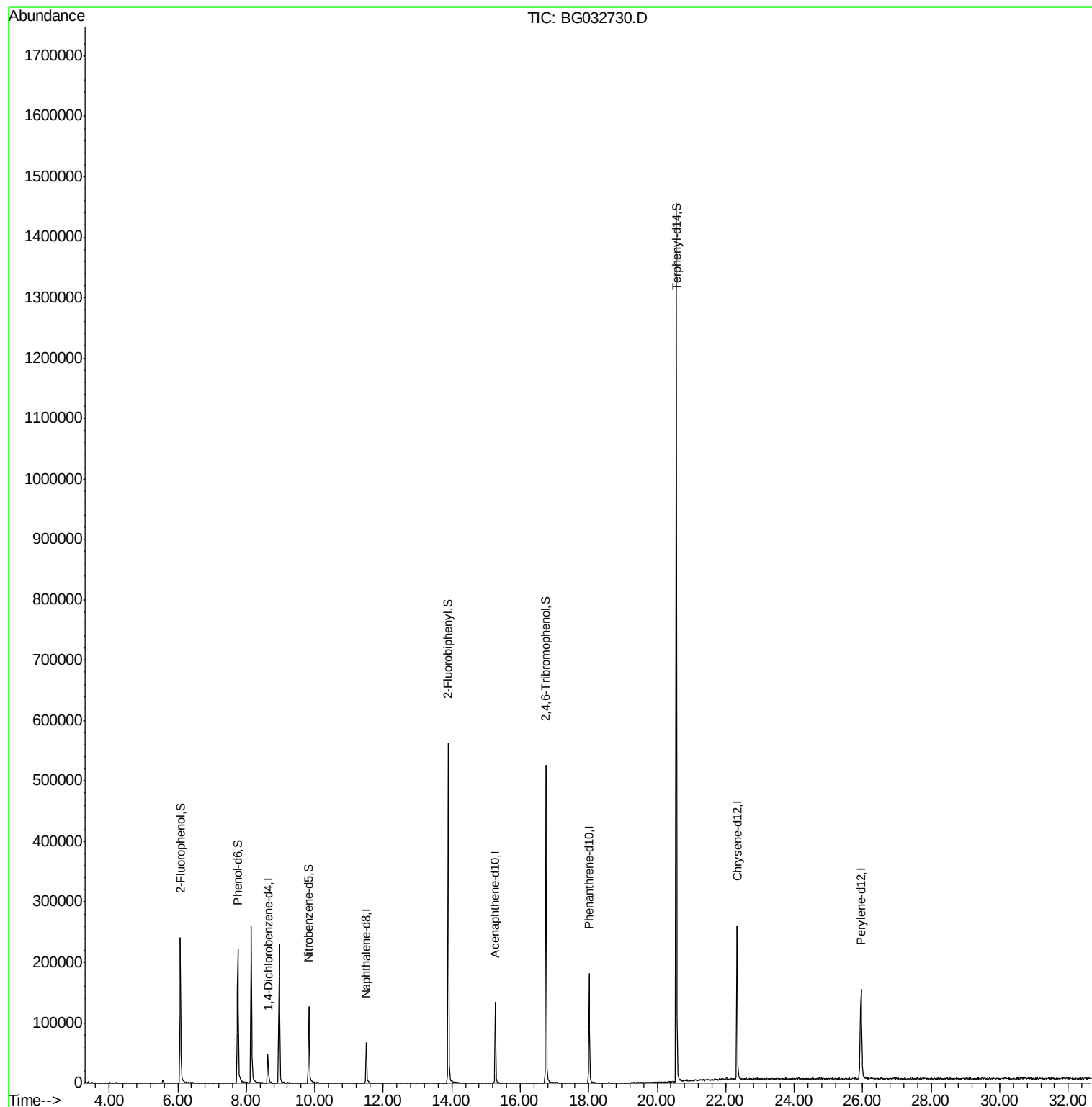
Target Compounds Qvalue

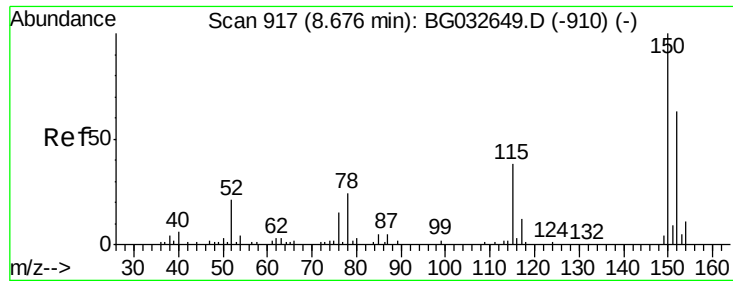
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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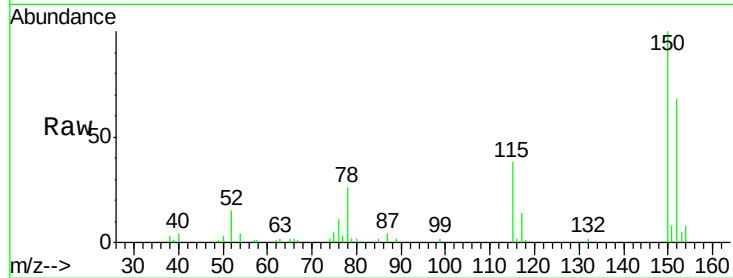


#1

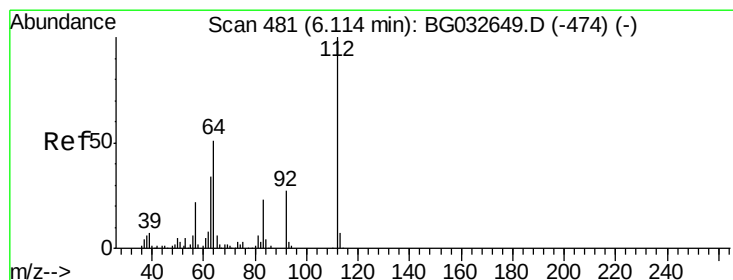
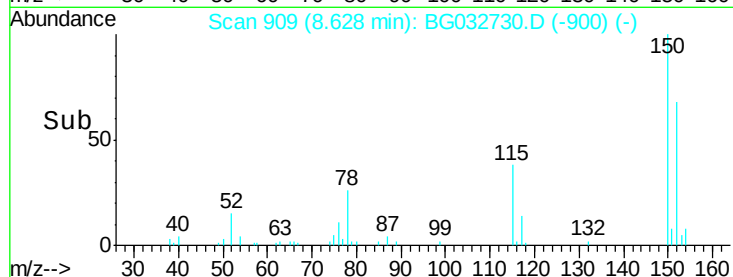
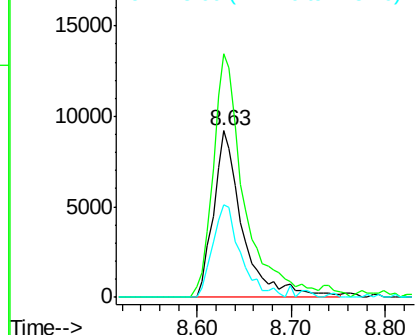
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.05 min
Lab File: BG032730.D
Acq: 16 Feb 2018 1:27

Instrument :
BNA_G
ClientSampleId :
PB106582BL

Tot Ion:152 Resp: 19910
Ion Ratio Lower Upper
152 100
150 146.5 126.6 189.8
115 55.9 53.0 79.4



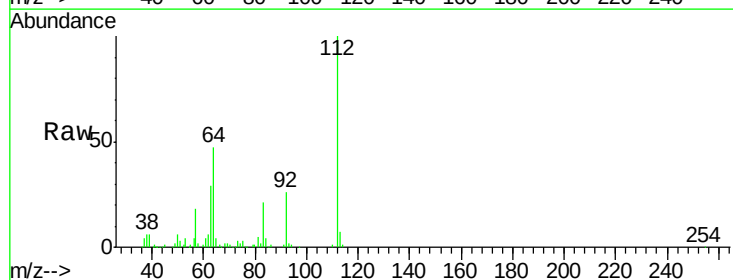
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



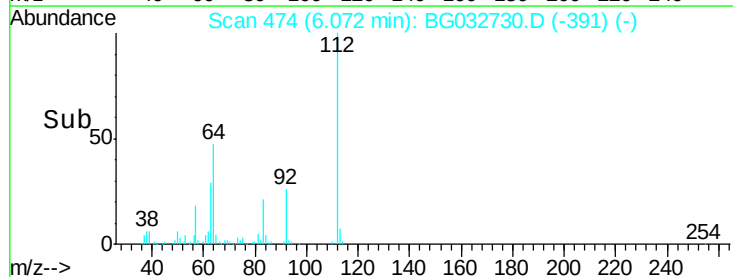
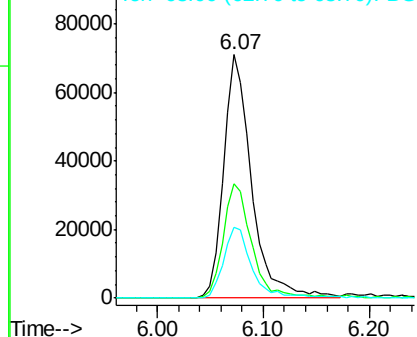
#5

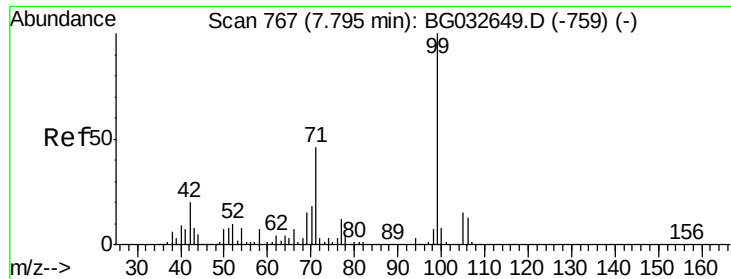
2-Fluorophenol
Concen: 131.608 ng
RT: 6.07 min Scan# 474
Delta R.T. -0.04 min
Lab File: BG032730.D
Acq: 16 Feb 2018 1:27

Tgt Ion:112 Resp: 130601
Ion Ratio Lower Upper
112 100
64 46.8 56.3 84.5#
63 29.0 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: 111.310 ng

RT: 7.75 min Scan# 760

Delta R.T. -0.04 min

Lab File: BG032730.D

Acq: 16 Feb 2018 1:27

Instrument :

BNA_G

ClientSampleId :

PB106582BL

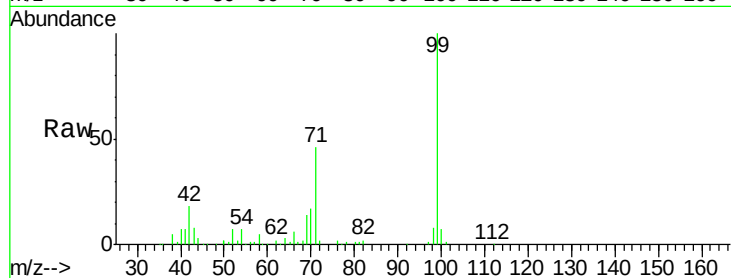
Tot Ion: 99 Resp: 151040

Ion Ratio Lower Upper

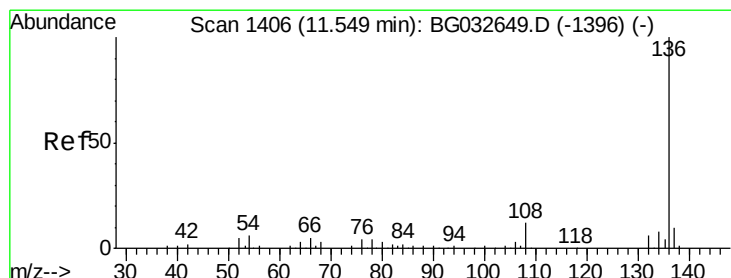
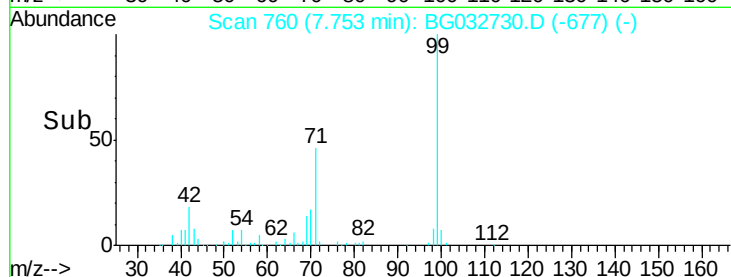
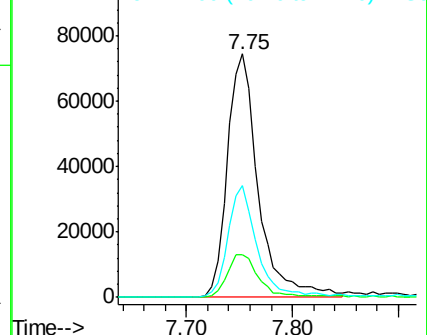
99 100

42 17.7 14.1 21.1

71 45.7 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: BG032730.D

Acq: 16 Feb 2018 1:27

Tgt Ion: 136 Resp: 74587

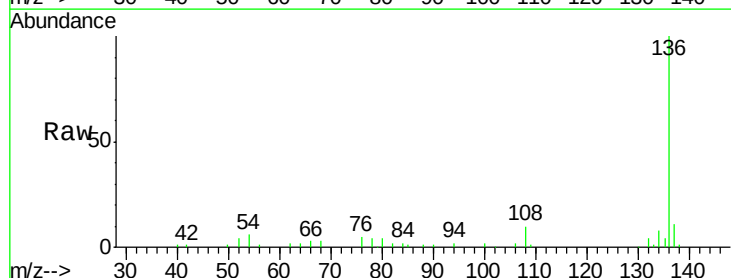
Ion Ratio Lower Upper

136 100

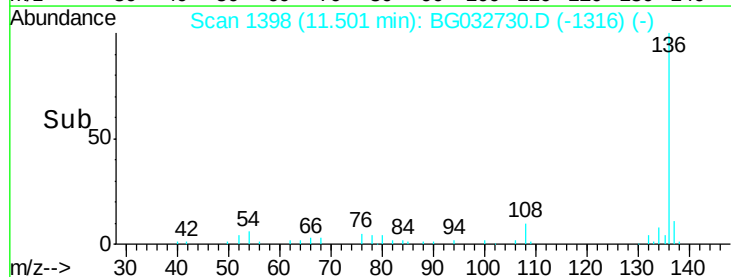
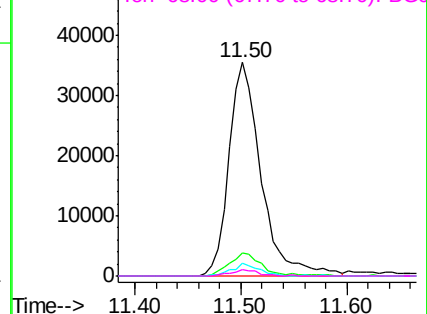
137 10.7 9.2 13.8

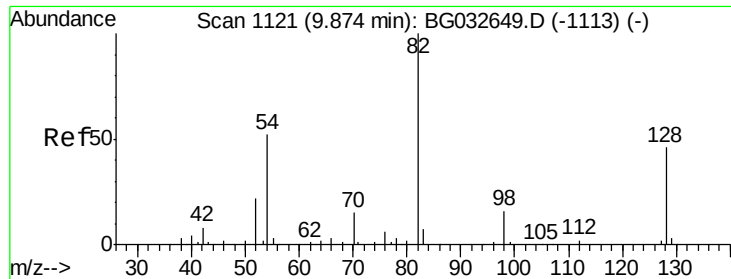
54 6.2 10.3 15.5#

68 2.8 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

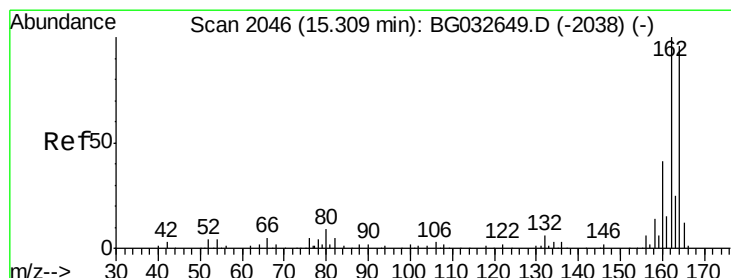
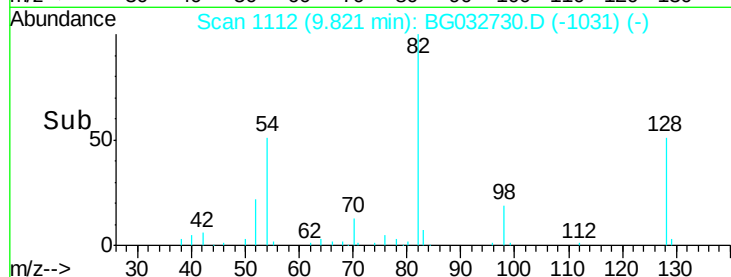
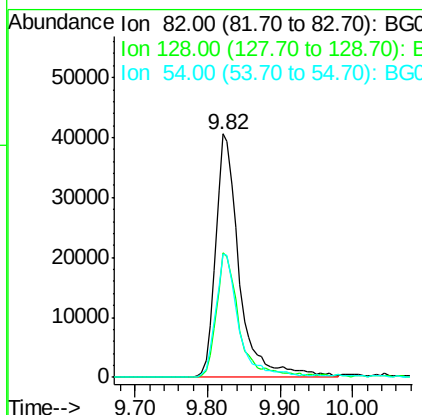
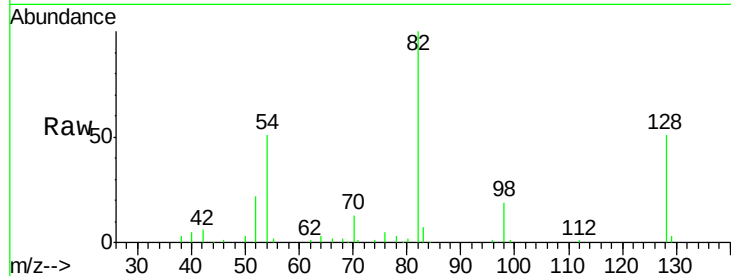




#23
 Nitrobenzene-d5
 Concen: 78.628 ng
 RT: 9.82 min Scan# 1112
 Delta R.T. -0.05 min
 Lab File: BG032730.D
 Acq: 16 Feb 2018 1:27

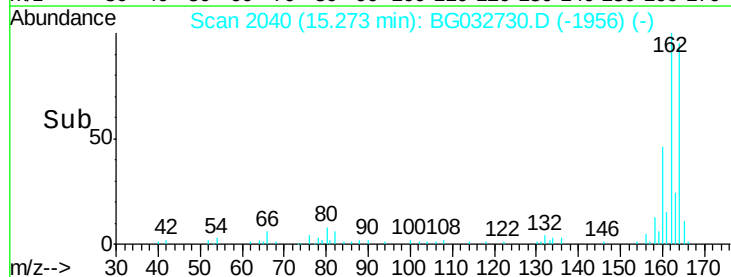
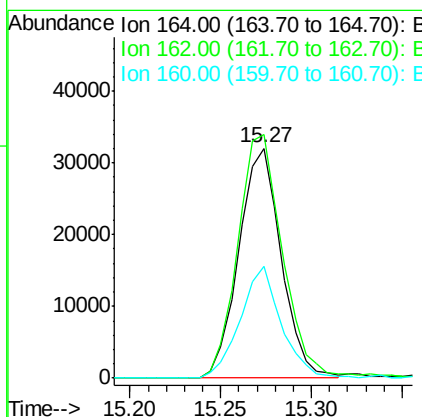
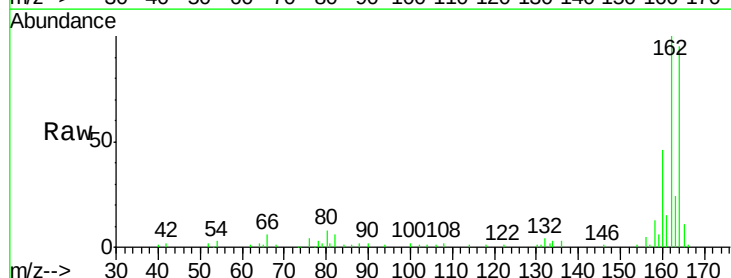
Instrument :
 BNA_G
 ClientSampleId :
 PB106582BL

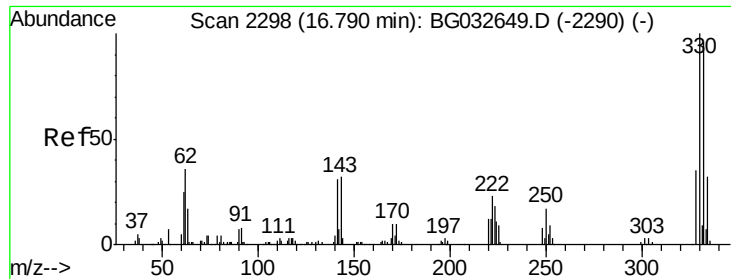
Tot Ion	82	Resp	92276
Ion Ratio	Lower	Upper	
82	100		
128	51.1	29.7	44.5#
54	50.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2040
 Delta R.T. -0.04 min
 Lab File: BG032730.D
 Acq: 16 Feb 2018 1:27

Tgt Ion	164	Resp	52056
Ion Ratio	Lower	Upper	
164	100		
162	105.8	78.8	118.2
160	48.6	35.4	53.0

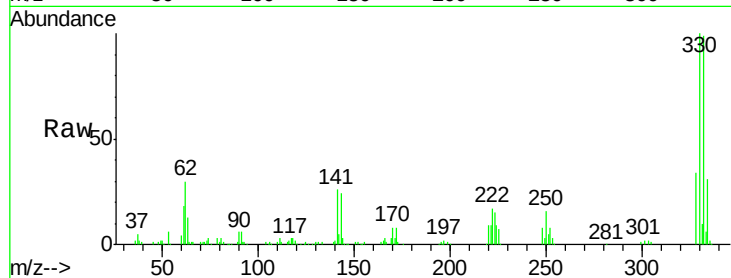




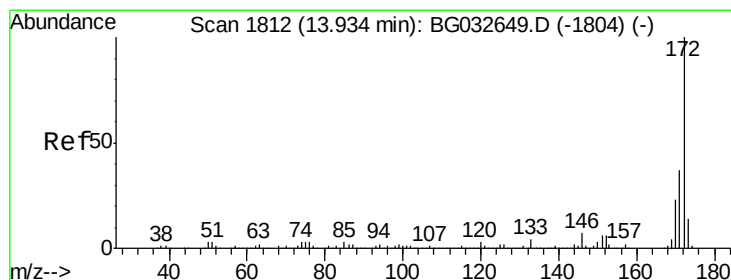
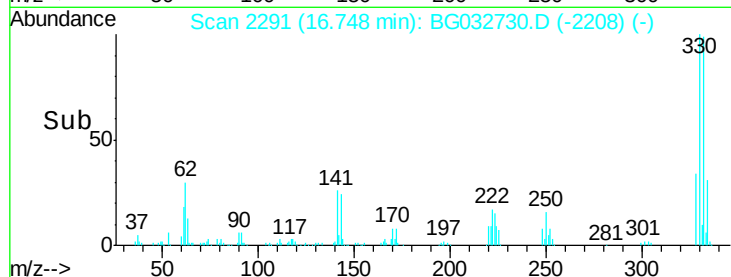
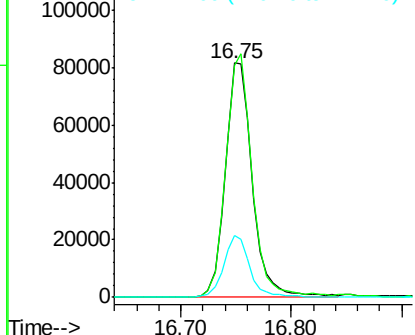
#41
 2,4,6-Tribromophenol
 Concen: 175.353 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.04 min
 Lab File: BG032730.D
 Acq: 16 Feb 2018 1:27

Instrument :
 BNA_G
 ClientSampleId :
 PB106582BL

Tot Ion:330 Resp: 140555
 Ion Ratio Lower Upper
 330 100
 332 101.3 77.0 115.6
 141 25.2 25.2 37.8

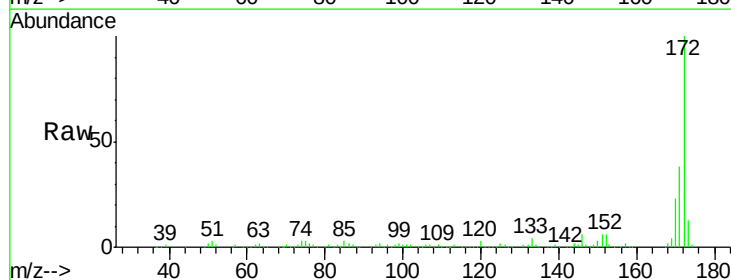


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

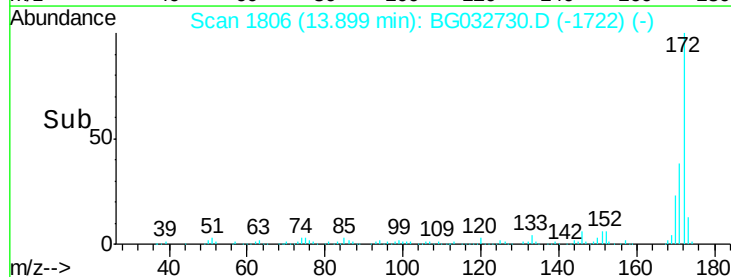
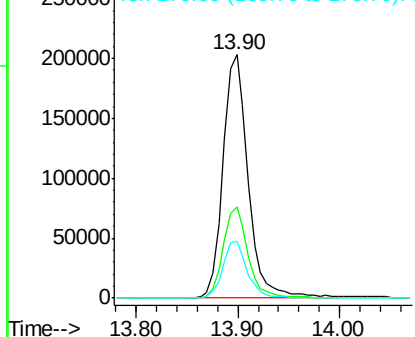


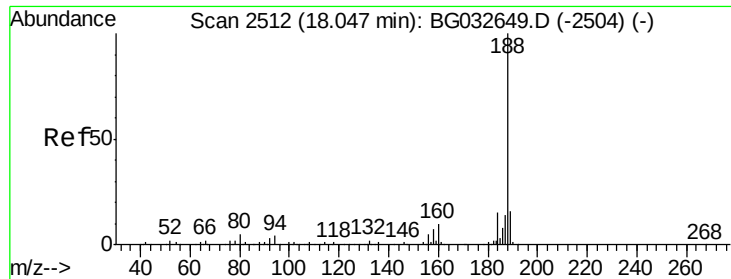
#44
 2-Fluorobiphenyl
 Concen: 84.014 ng
 RT: 13.90 min Scan# 1806
 Delta R.T. -0.04 min
 Lab File: BG032730.D
 Acq: 16 Feb 2018 1:27

Tgt Ion:172 Resp: 349726
 Ion Ratio Lower Upper
 172 100
 171 37.8 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

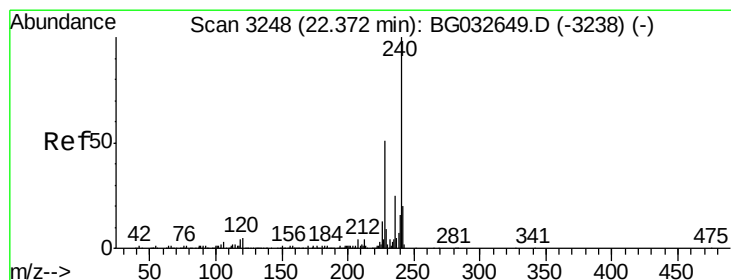
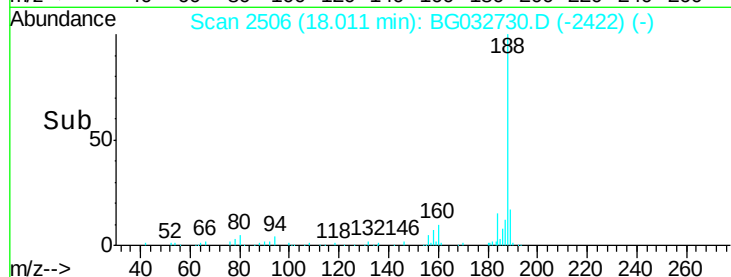
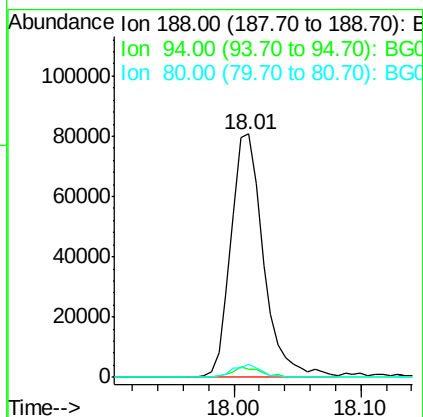
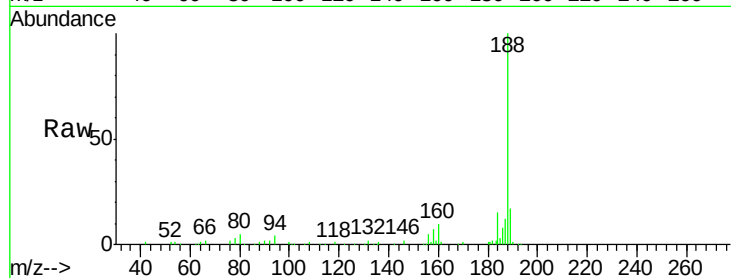




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.01 min Scan# 2506
Delta R.T. -0.04 min
Lab File: BG032730.D
Acq: 16 Feb 2018 1:27

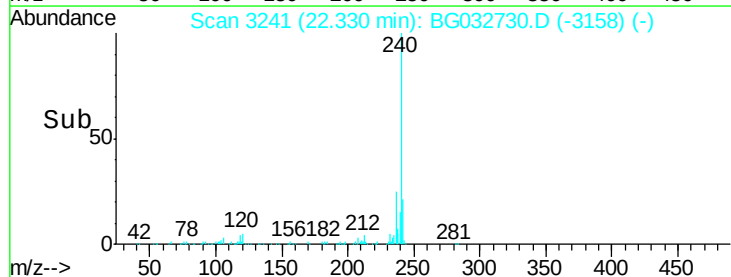
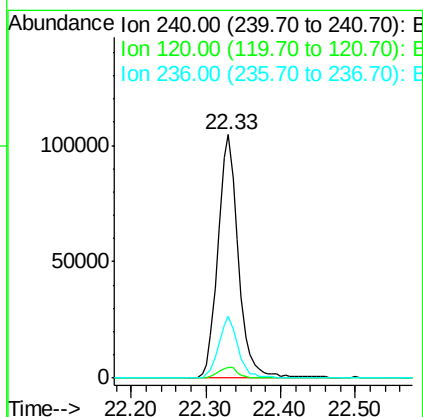
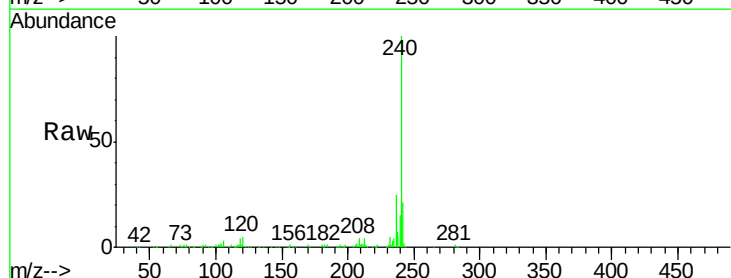
Instrument :
BNA_G
ClientSampleId :
PB106582BL

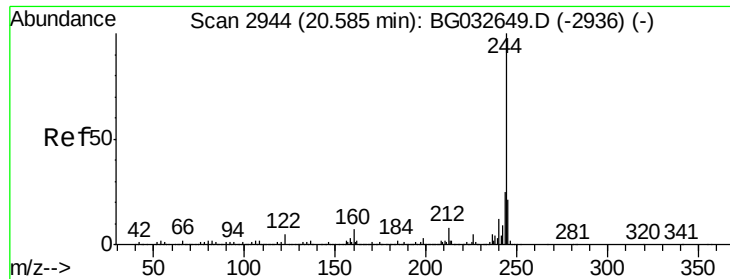
Tot Ion:188 Resp: 143601
Ion Ratio Lower Upper
188 100
94 3.6 6.9 10.3#
80 5.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.33 min Scan# 3241
Delta R.T. -0.04 min
Lab File: BG032730.D
Acq: 16 Feb 2018 1:27

Tgt Ion:240 Resp: 198811
Ion Ratio Lower Upper
240 100
120 4.6 6.8 10.2#
236 25.2 20.9 31.3





#78

Terphenyl-d14

Concen: 94.974 ng

RT: 20.56 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG032730.D

Acq: 16 Feb 2018 1:27

Instrument :

BNA_G

ClientSampleId :

PB106582BL

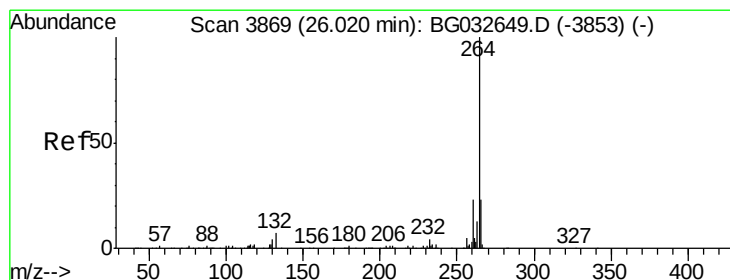
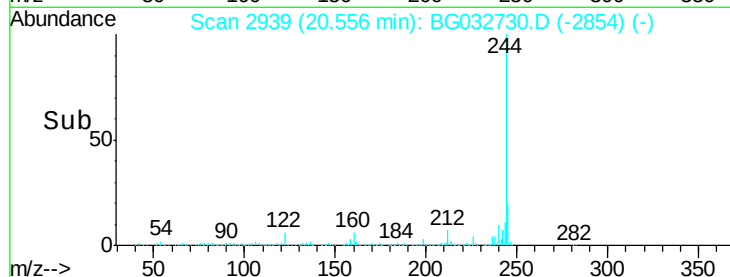
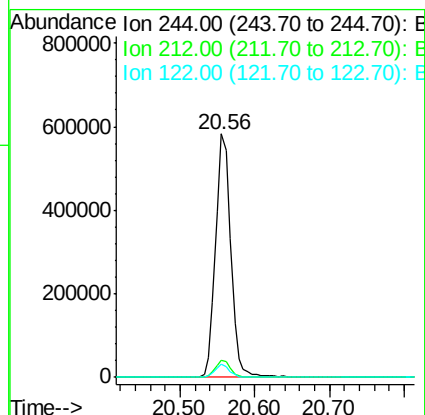
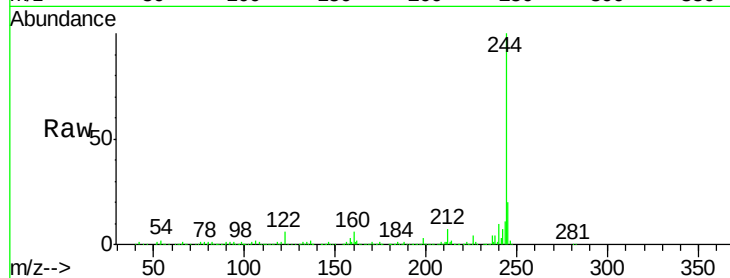
Tot Ion:244 Resp: 828437

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 5.6 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.95 min Scan# 3857

Delta R.T. -0.07 min

Lab File: BG032730.D

Acq: 16 Feb 2018 1:27

Tgt Ion:264 Resp: 216395

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 20.5 17.7 26.5

