

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071017\
 Data File : BG027897.D
 Acq On : 10 Jul 2017 21:27
 Operator : SJ/JU
 Sample : I4071-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-B

Quant Time: Jul 11 07:48:25 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

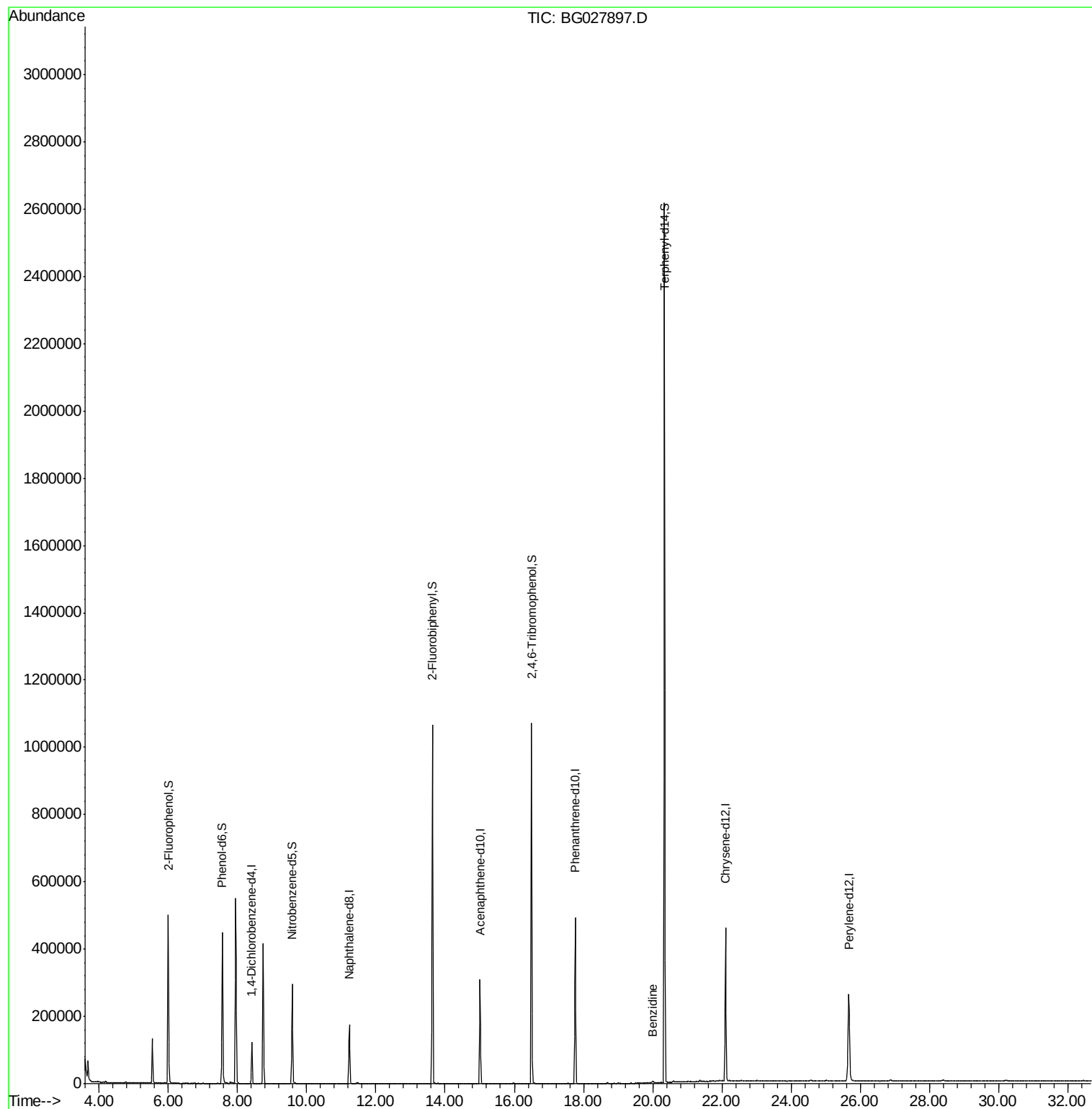
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	41322	20.00	ng	-0.01
21) Naphthalene-d8	11.23	136	181942	20.00	ng	-0.01
38) Acenaphthene-d10	15.01	164	109736	20.00	ng	-0.01
63) Phenanthrene-d10	17.76	188	312943	20.00	ng	-0.01
75) Chrysene-d12	22.10	240	300932	20.00	ng	-0.02
86) Perylene-d12	25.66	264	295316	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	292681	109.07	ng	0.00
7) Phenol-d6	7.56	99	367145	89.56	ng	-0.01
23) Nitrobenzene-d5	9.58	82	219150	67.14	ng	-0.01
41) 2,4,6-Tribromophenol	16.50	330	252843	167.99	ng	-0.02
44) 2-Fluorobiphenyl	13.64	172	605789	78.84	ng	-0.01
78) Terphenyl-d14	20.34	244	1166894	90.91	ng	-0.01
Target Compounds						
76) Benzidine	19.99	184	7283	4.166	ng	Qvalue # 92

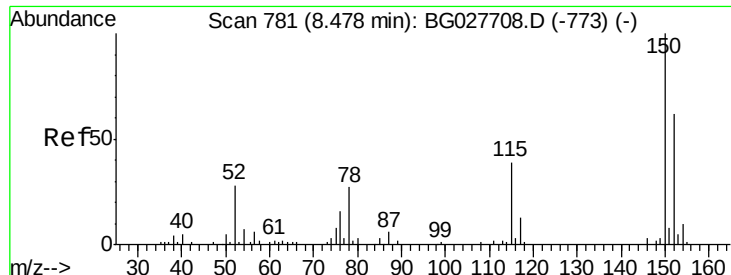
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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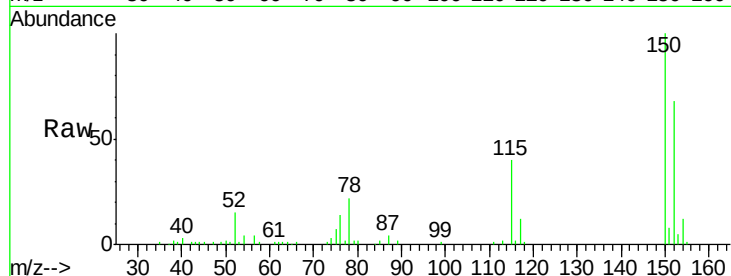


#1

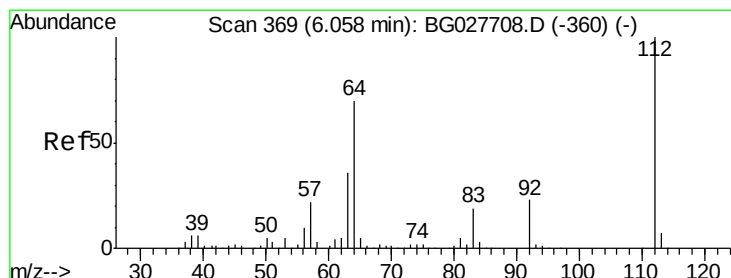
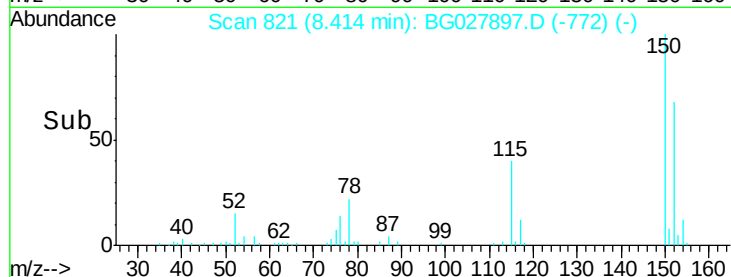
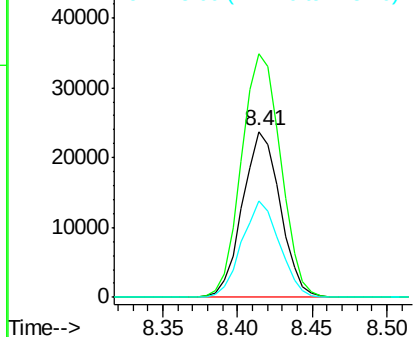
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.41 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG027897.D
Acq: 10 Jul 2017 21:27

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-B

Tgt Ion:152 Resp: 41322
Ion Ratio Lower Upper
152 100
150 146.9 114.0 171.0
115 58.1 48.1 72.1



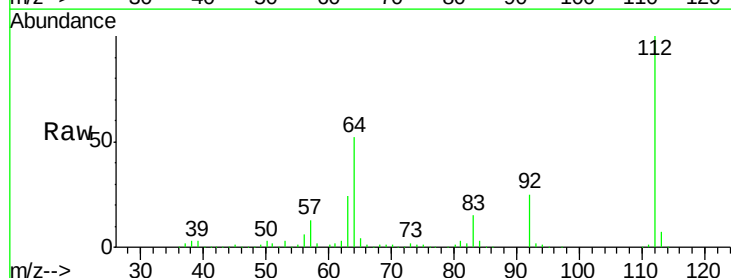
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



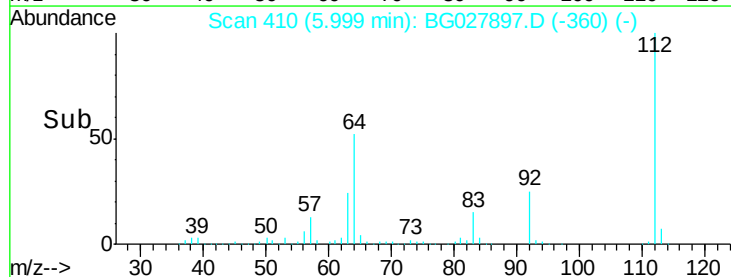
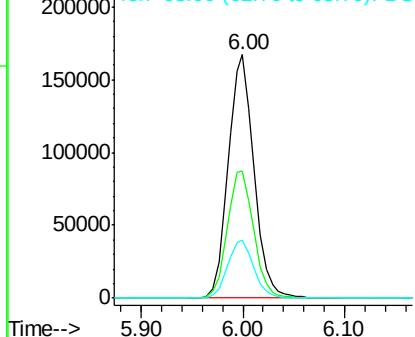
#5

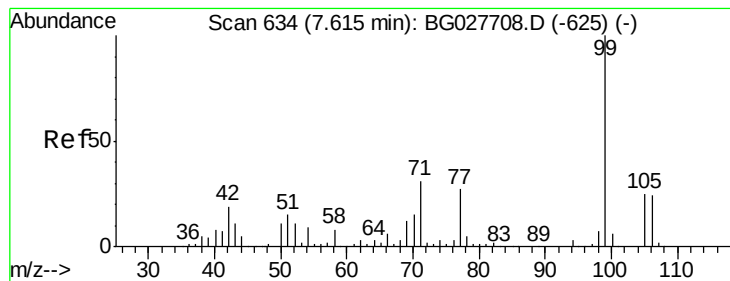
2-Fluorophenol
Concen: 109.071 ng
RT: 6.00 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG027897.D
Acq: 10 Jul 2017 21:27

Tgt Ion:112 Resp: 292681
Ion Ratio Lower Upper
112 100
64 52.3 61.8 92.6#
63 23.6 37.2 55.8#



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: 89.560 ng

RT: 7.56 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG027897.D

Acq: 10 Jul 2017 21:27

Instrument :

BNA_G

ClientSampleId :

HR-06-070617-B

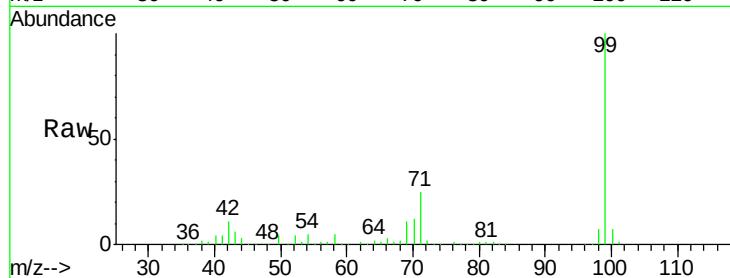
Tgt Ion: 99 Resp: 367145

Ion Ratio Lower Upper

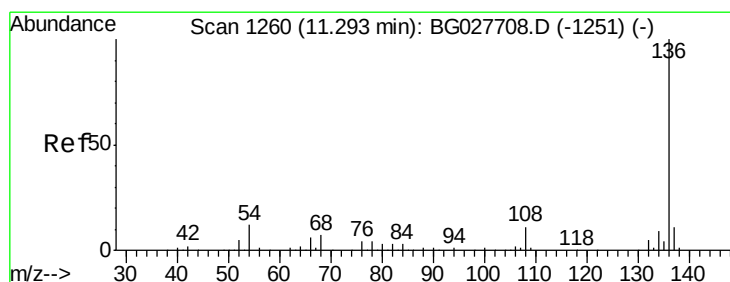
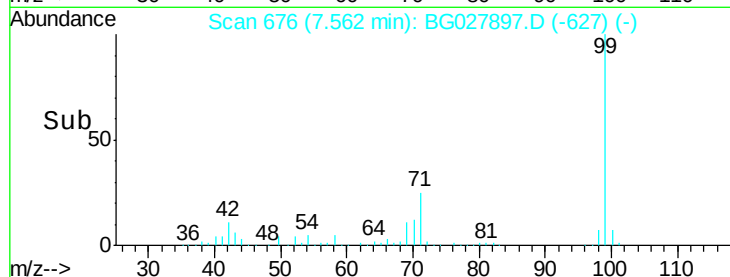
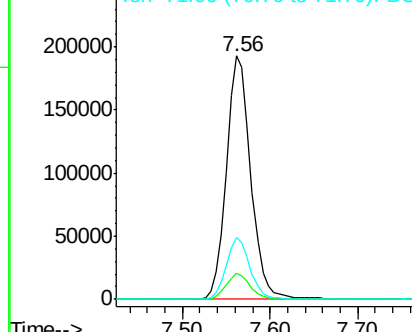
99 100

42 10.7 20.5 30.7#

71 25.3 37.6 56.4#



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: 11.23 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BG027897.D

Acq: 10 Jul 2017 21:27

Tgt Ion: 136 Resp: 181942

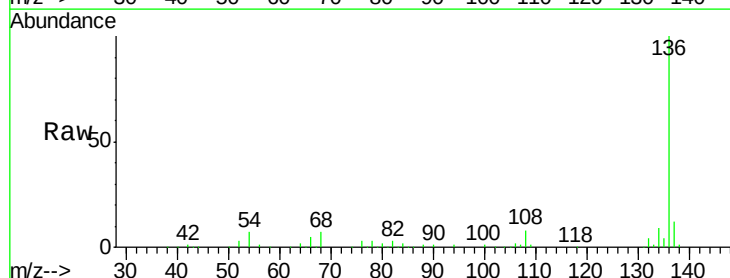
Ion Ratio Lower Upper

136 100

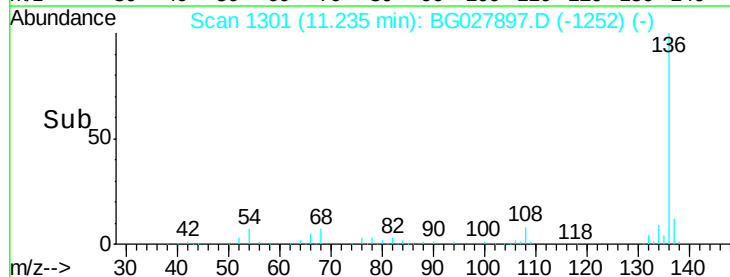
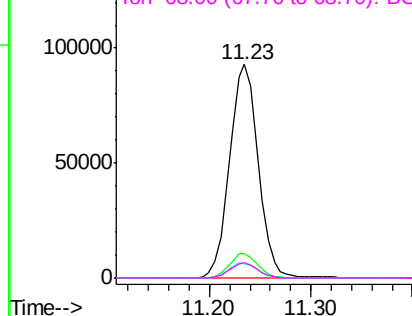
137 11.5 8.9 13.3

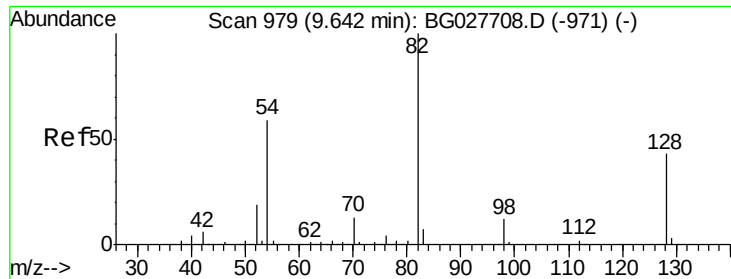
54 6.6 9.3 13.9#

68 7.3 5.1 7.7



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

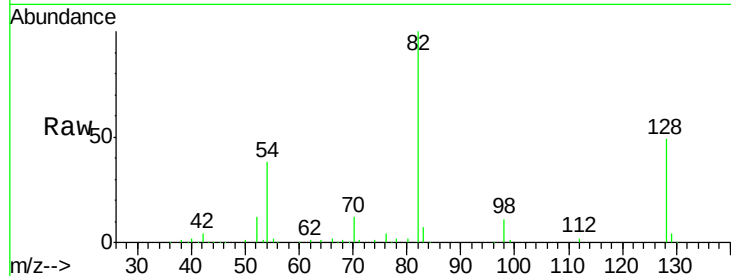




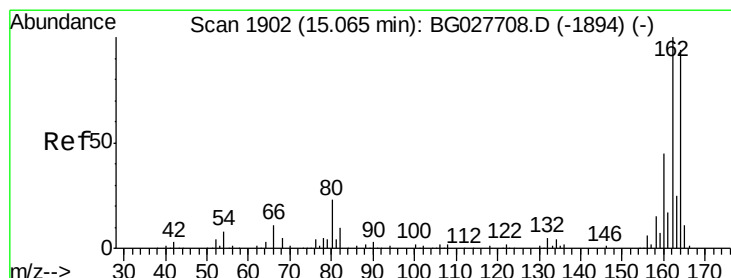
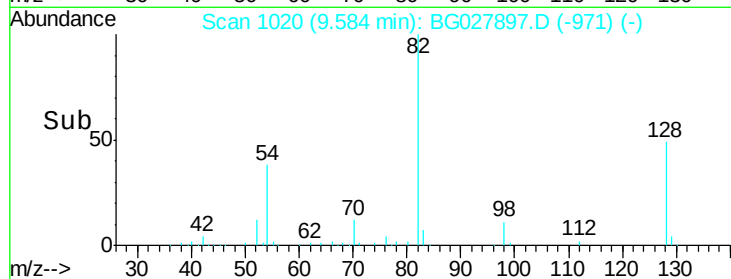
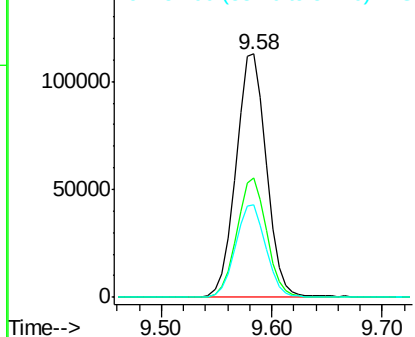
#23
 Nitrobenzene-d5
 Concen: 67.140 ng
 RT: 9.58 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG027897.D
 Acq: 10 Jul 2017 21:27

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-B

Tgt Ion: 82 Resp: 219150
 Ion Ratio Lower Upper
 82 100
 128 49.0 26.4 39.6#
 54 38.0 49.4 74.2#

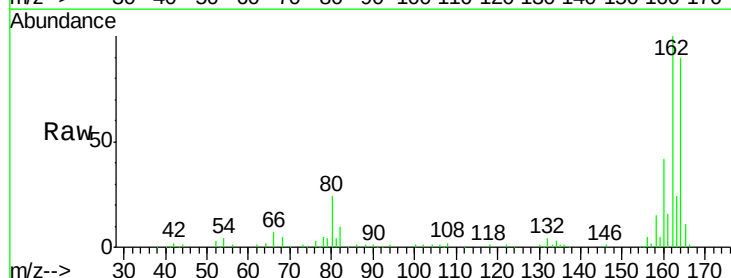


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

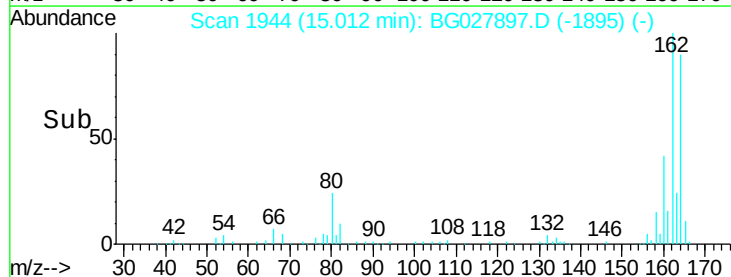
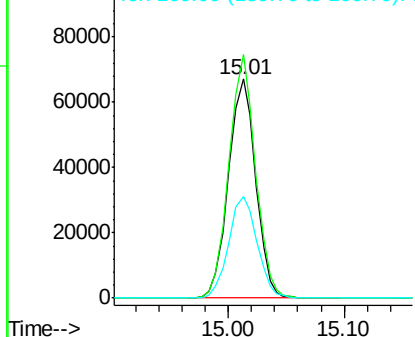


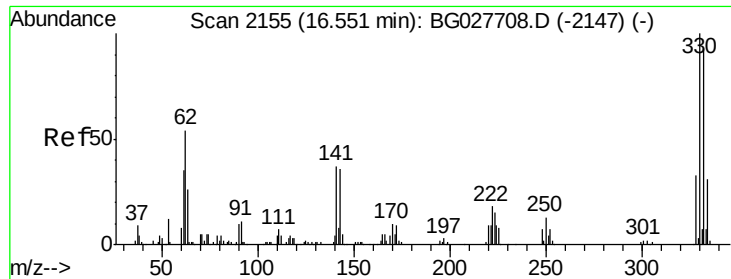
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.01 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG027897.D
 Acq: 10 Jul 2017 21:27

Tgt Ion: 164 Resp: 109736
 Ion Ratio Lower Upper
 164 100
 162 111.1 85.1 127.7
 160 46.2 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

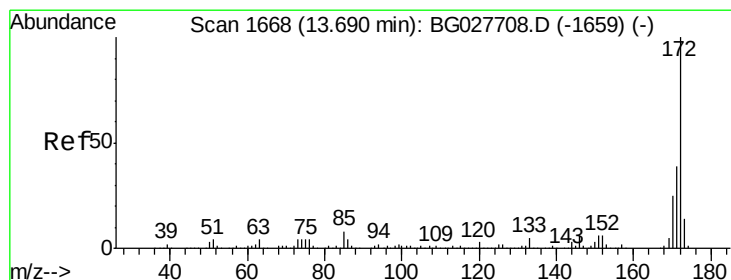
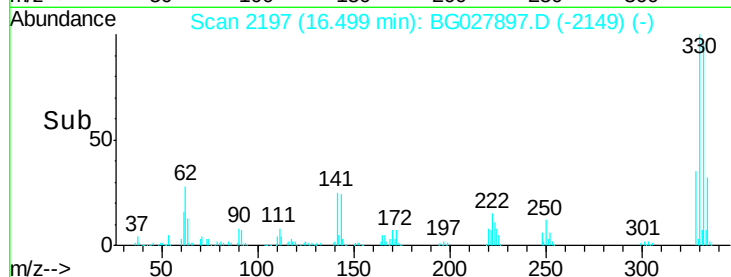
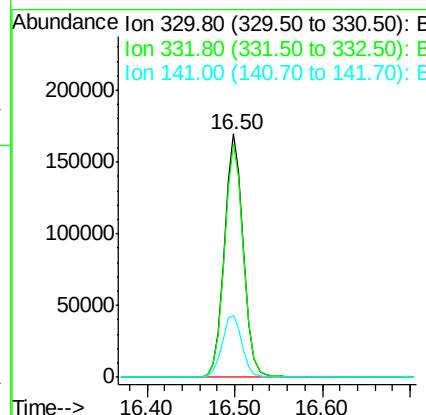
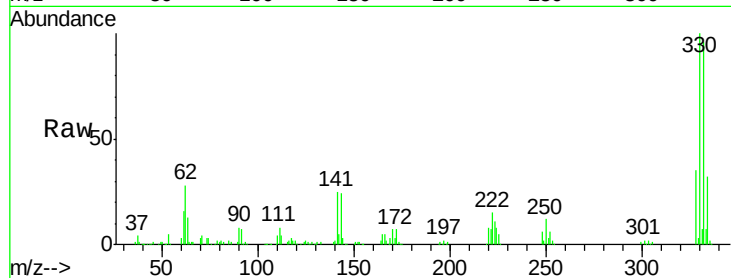




#41
 2,4,6-Tribromophenol
 Concen: 167.985 ng
 RT: 16.50 min Scan# 2197
 Delta R.T. -0.02 min
 Lab File: BG027897.D
 Acq: 10 Jul 2017 21:27

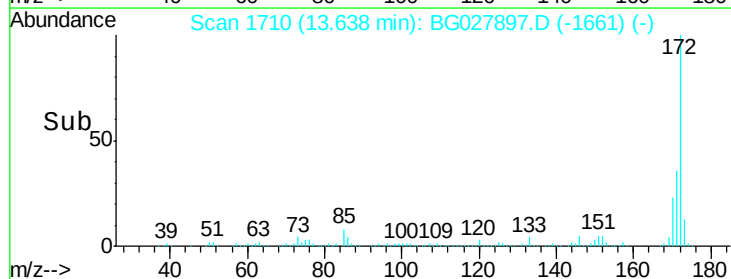
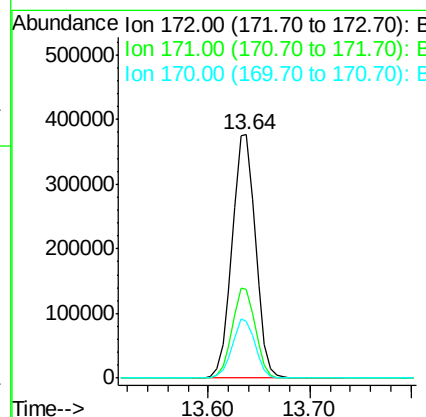
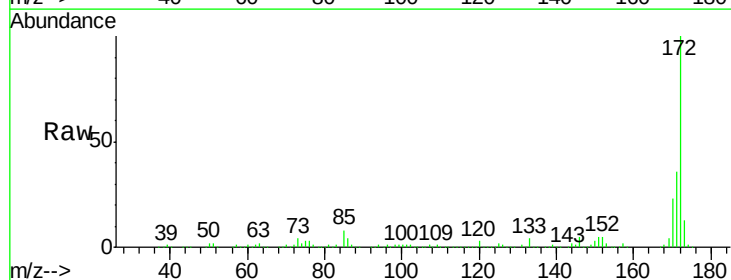
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-B

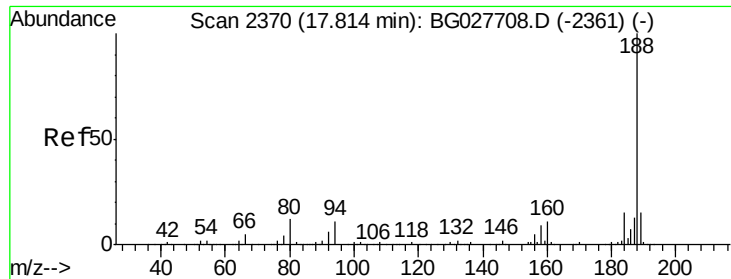
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	27.0	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 78.841 ng
 RT: 13.64 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG027897.D
 Acq: 10 Jul 2017 21:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	32.2	48.2
170	23.2	21.8	32.6

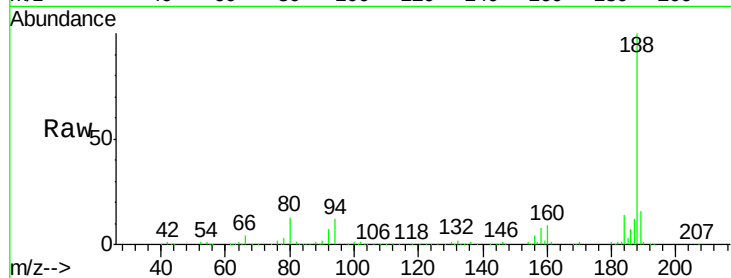




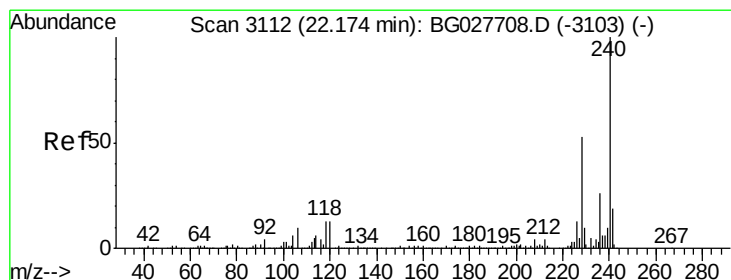
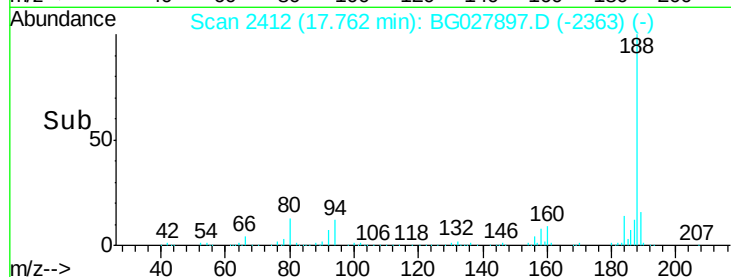
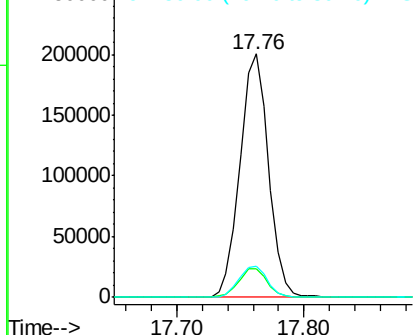
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.76 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG027897.D
 Acq: 10 Jul 2017 21:27

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-B

Tgt Ion:188 Resp: 312943
 Ion Ratio Lower Upper
 188 100
 94 11.9 5.8 8.8#
 80 13.0 7.5 11.3#

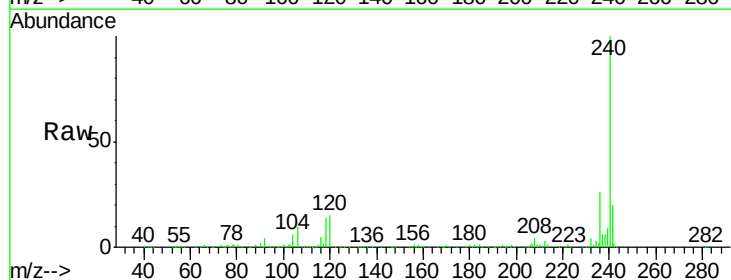


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

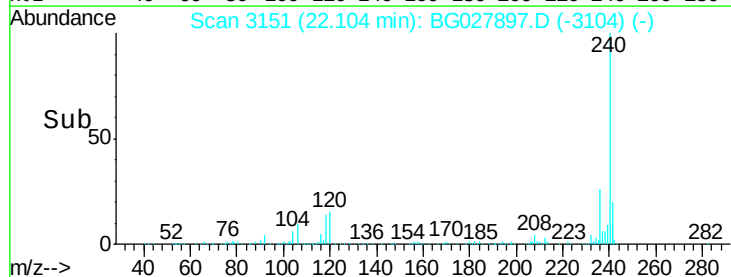
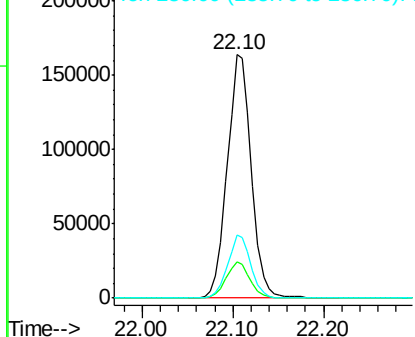


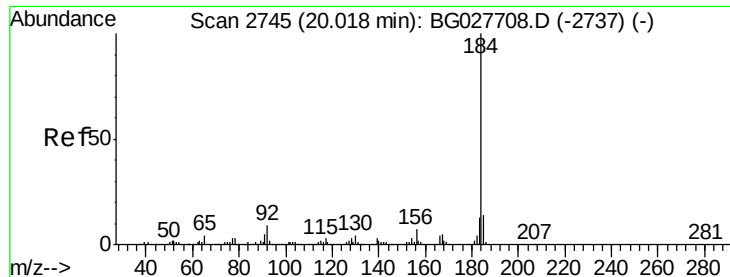
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.10 min Scan# 3151
 Delta R.T. -0.02 min
 Lab File: BG027897.D
 Acq: 10 Jul 2017 21:27

Tgt Ion:240 Resp: 300932
 Ion Ratio Lower Upper
 240 100
 120 15.0 5.7 8.5#
 236 25.7 22.2 33.4



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





#76

Benzidine

Concen: 4.166 ng

RT: 19.99 min Scan# 2792

Delta R.T. 0.01 min

Lab File: BG027897.D

Acq: 10 Jul 2017 21:27

Instrument :

BNA_G

ClientSampleId :

HR-06-070617-B

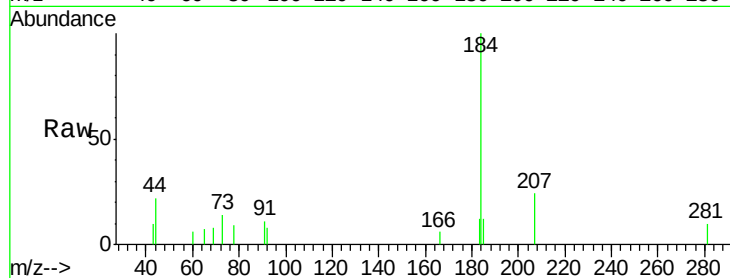
Tgt Ion:184 Resp: 7283

Ion Ratio Lower Upper

184 100

185 11.8 13.0 19.6#

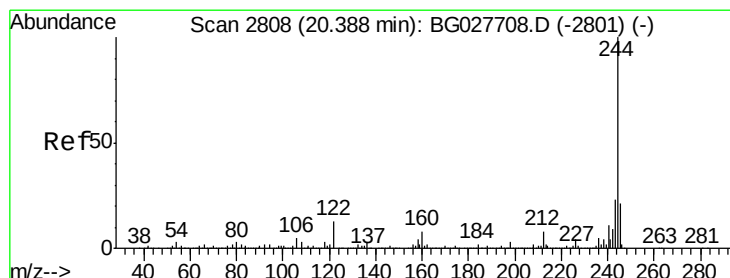
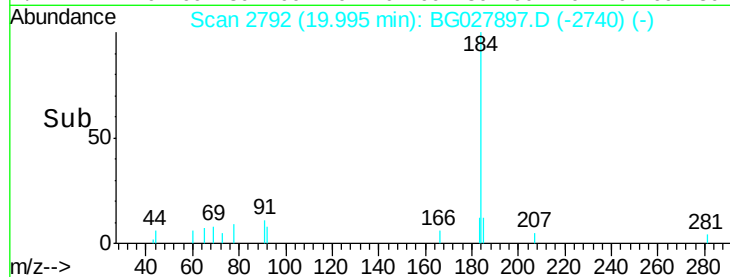
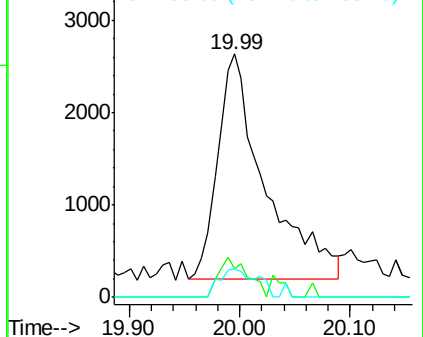
183 11.5 11.0 16.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 90.905 ng

RT: 20.34 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG027897.D

Acq: 10 Jul 2017 21:27

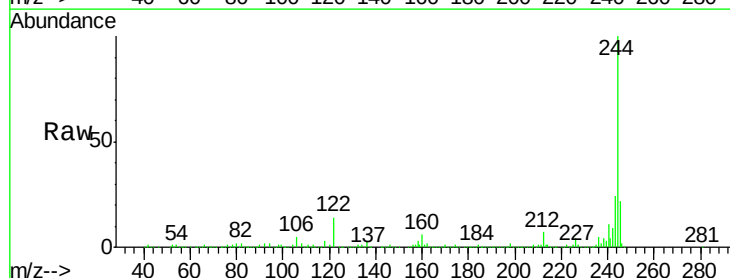
Tgt Ion:244 Resp: 1166894

Ion Ratio Lower Upper

244 100

212 6.6 10.0 15.0#

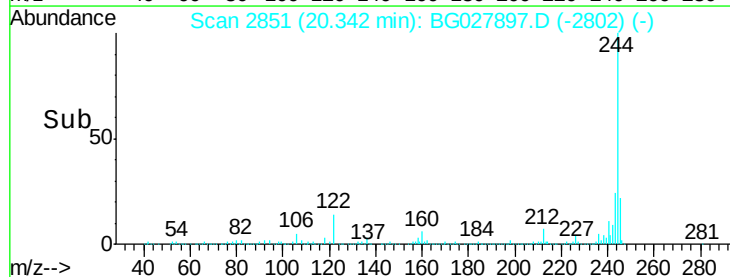
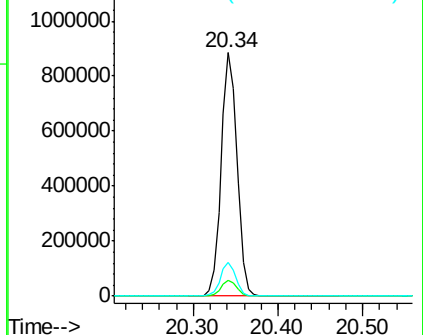
122 13.7 8.6 12.8#

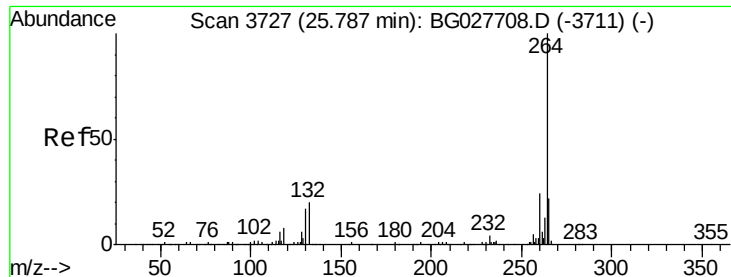


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.66 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG027897.D
Acq: 10 Jul 2017 21:27

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-B

Tgt Ion: 264 Resp: 295316
Ion Ratio Lower Upper
264 100
260 22.7 21.8 32.8
265 21.8 18.2 27.4

