

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070717\
 Data File : BG027871.D
 Acq On : 7 Jul 2017 16:40
 Operator : SJ/JU
 Sample : I4061-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-B

Quant Time: Jul 07 17:45:32 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	8.43	152	33700	20.00	ng	0.00
21) Naphthalene-d8	11.25	136	148150	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	80301	20.00	ng	0.00
63) Phenanthrene-d10	17.77	188	217719	20.00	ng	0.00
75) Chrysene-d12	22.12	240	266616	20.00	ng	0.00
86) Perylene-d12	25.69	264	256267	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	295764	135.15	ng	0.00
7) Phenol-d6	7.58	99	364177	108.93	ng	0.00
23) Nitrobenzene-d5	9.60	82	224843	84.60	ng	0.00
41) 2,4,6-Tribromophenol	16.52	330	211123	191.68	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	578300	102.85	ng	0.00
78) Terphenyl-d14	20.35	244	1206830	106.12	ng	0.00

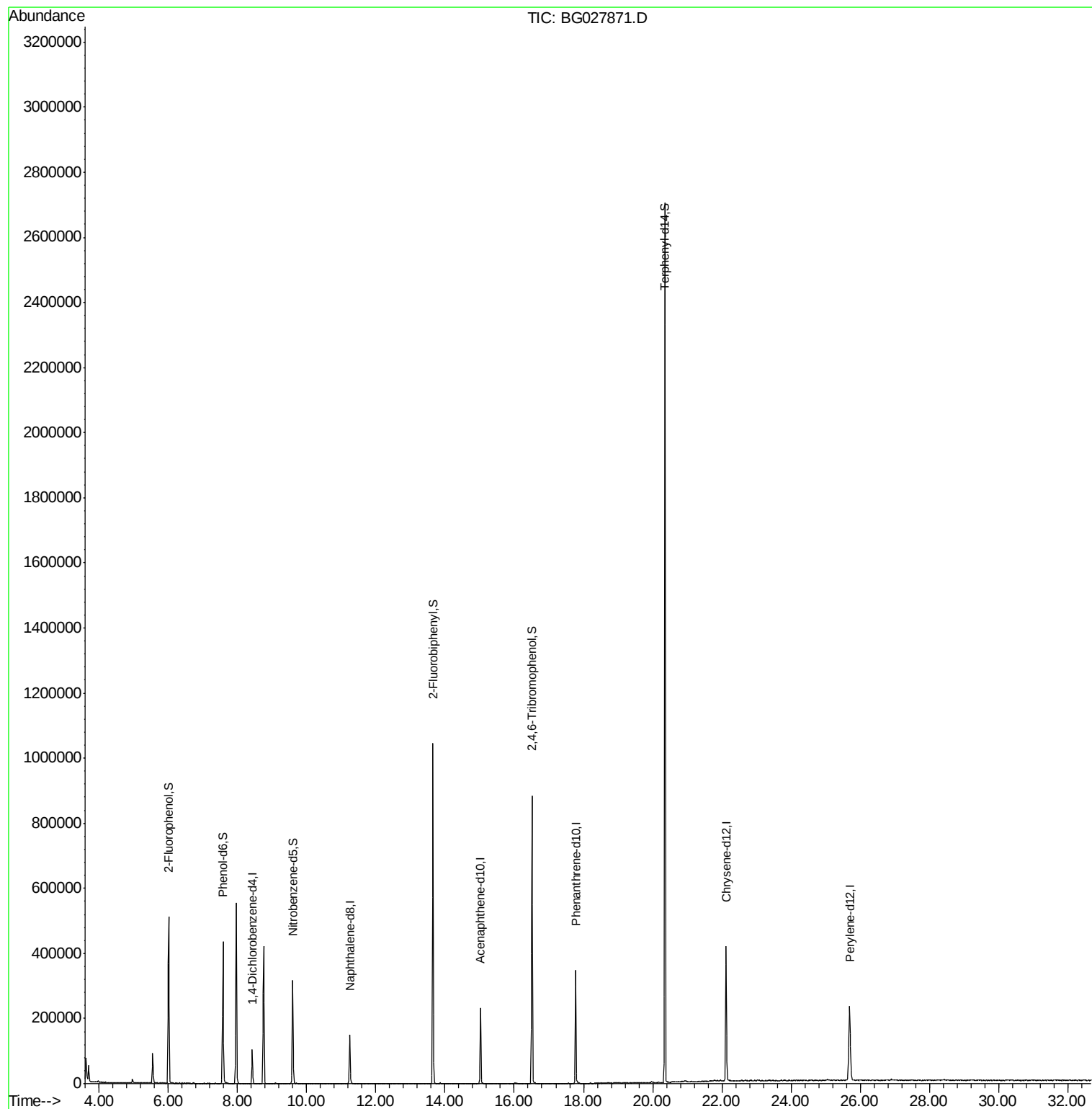
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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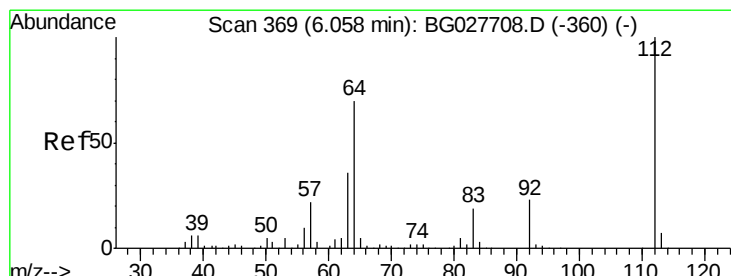
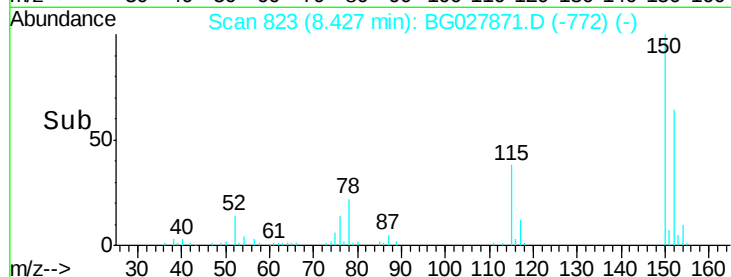
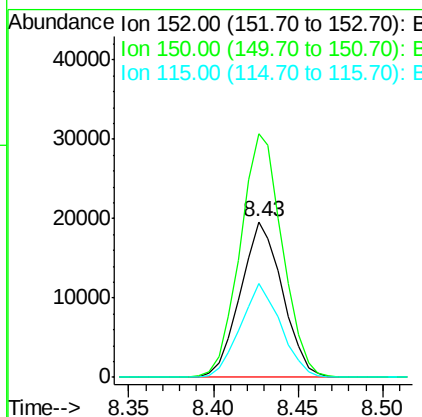
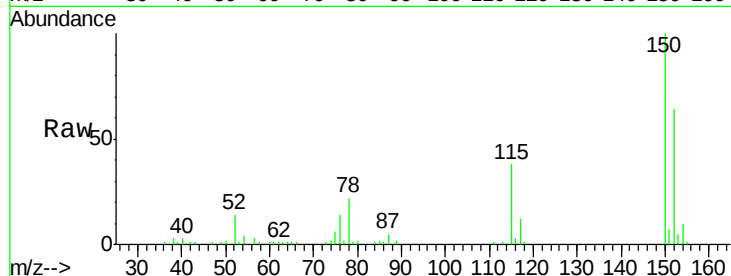


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.43 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG027871.D
Acq: 7 Jul 2017 16:40

Instrument :
BNA_G
ClientSampleId :
SP-1-B

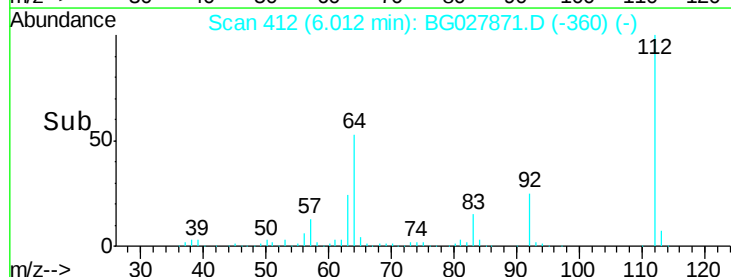
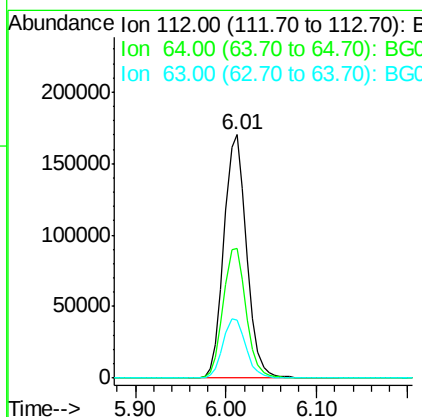
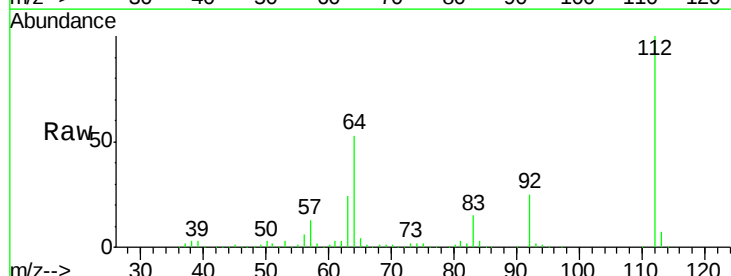
Tgt Ion:152 Resp: 33700
Ion Ratio Lower Upper
152 100
150 156.7 114.0 171.0
115 60.0 48.1 72.1

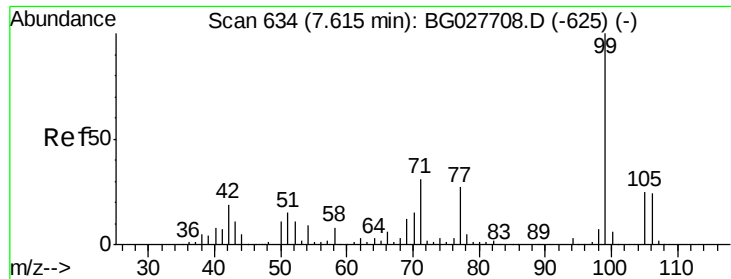


#5

2-Fluorophenol
Concen: 135.148 ng
RT: 6.01 min Scan# 412
Delta R.T. 0.01 min
Lab File: BG027871.D
Acq: 7 Jul 2017 16:40

Tgt Ion:112 Resp: 295764
Ion Ratio Lower Upper
112 100
64 53.3 61.8 92.6#
63 23.9 37.2 55.8#





#7

Phenol-d6

Concen: 108.929 ng

RT: 7.58 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG027871.D

Acq: 7 Jul 2017 16:40

Instrument :

BNA_G

ClientSampleId :

SP-1-B

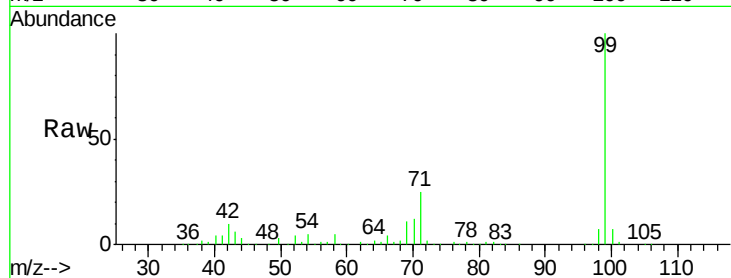
Tgt Ion: 99 Resp: 364177

Ion Ratio Lower Upper

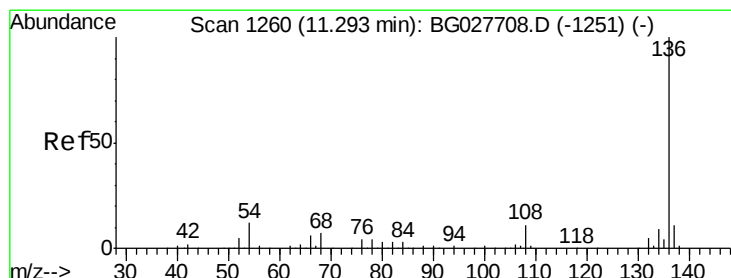
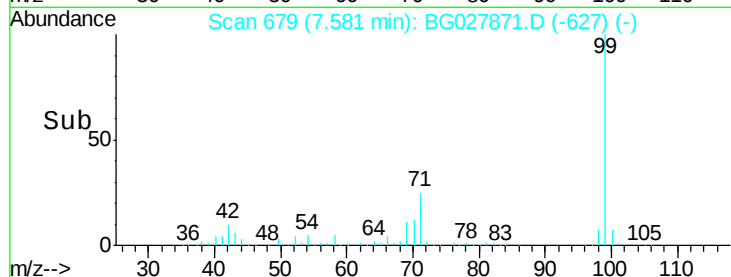
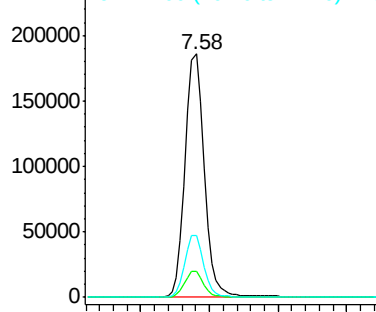
99 100

42 10.4 20.5 30.7#

71 25.2 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: 11.25 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BG027871.D

Acq: 7 Jul 2017 16:40

Tgt Ion: 136 Resp: 148150

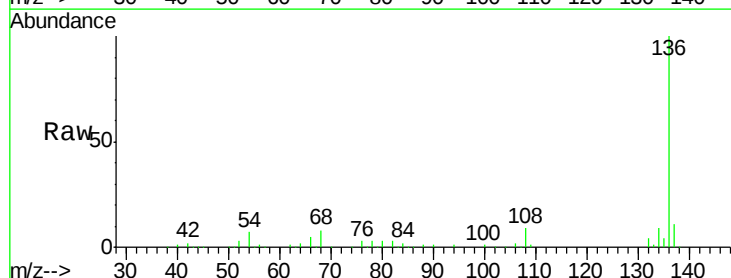
Ion Ratio Lower Upper

136 100

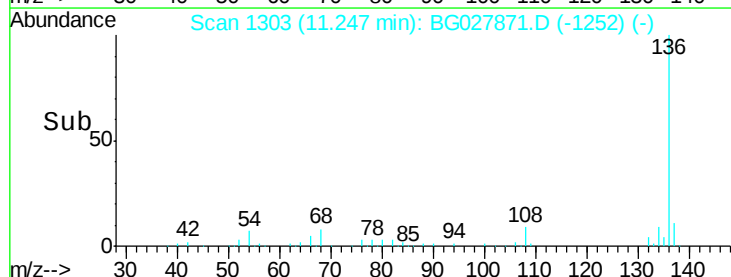
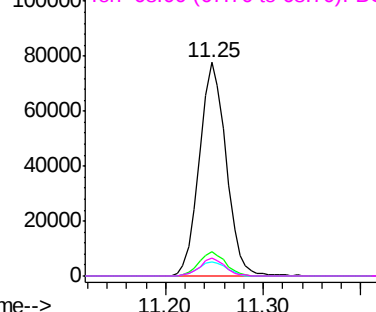
137 11.5 8.9 13.3

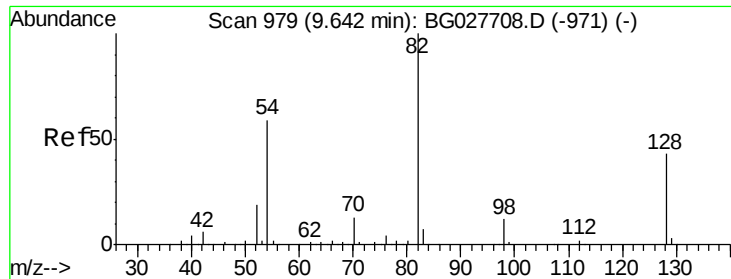
54 6.6 9.3 13.9#

68 8.1 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

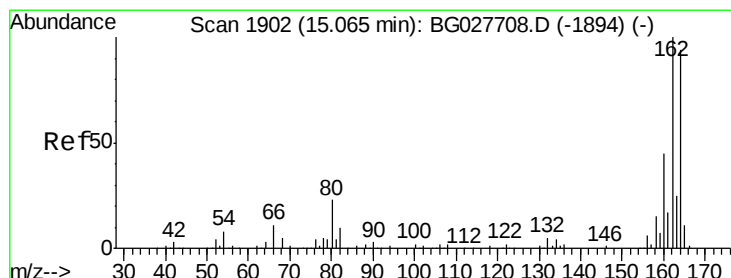
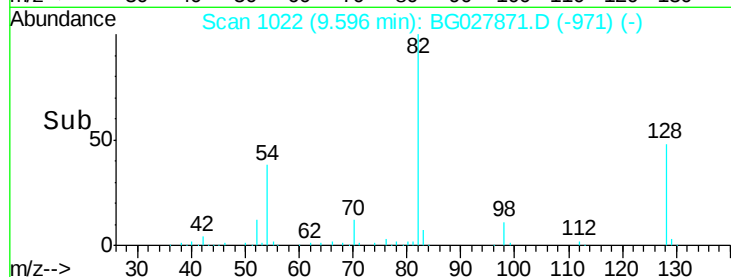
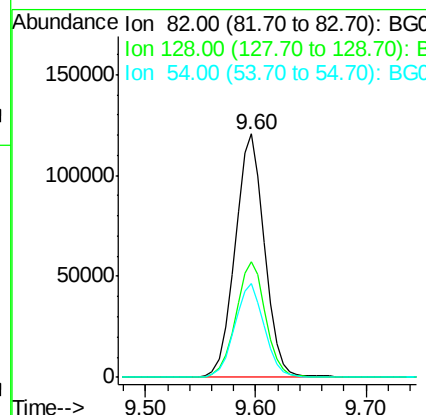
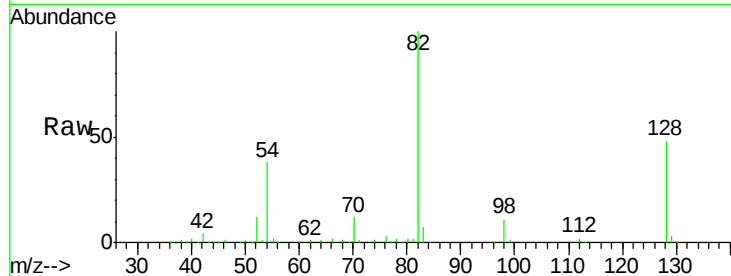




#23
 Nitrobenzene-d5
 Concen: 84.596 ng
 RT: 9.60 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG027871.D
 Acq: 7 Jul 2017 16:40

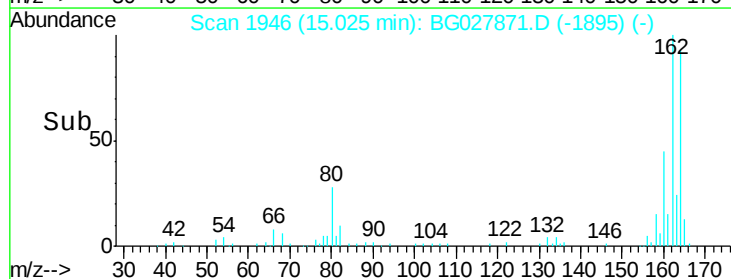
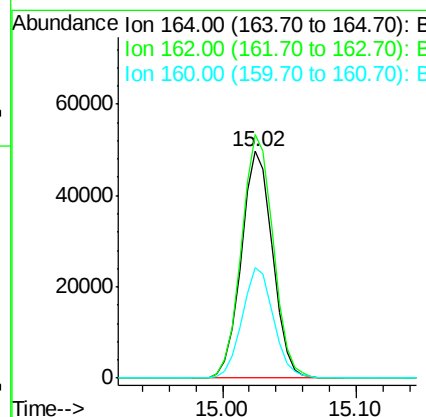
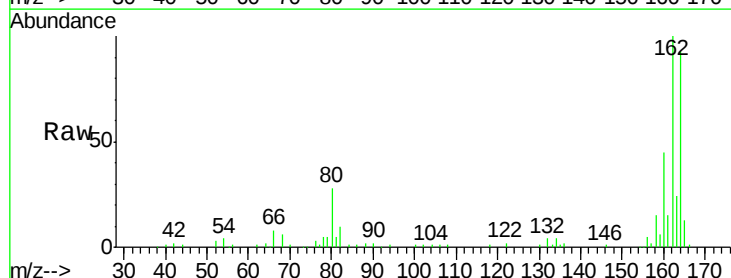
Instrument :
 BNA_G
 ClientSampleId :
 SP-1-B

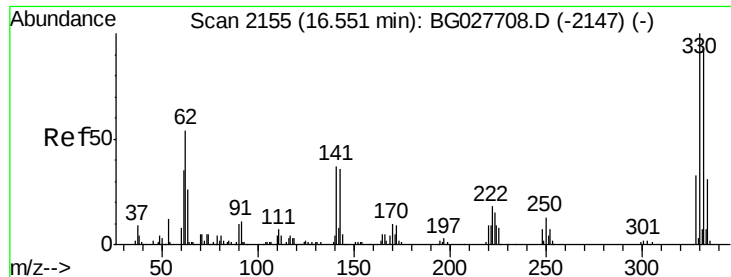
Tgt Ion: 82 Resp: 224843
 Ion Ratio Lower Upper
 82 100
 128 47.7 26.4 39.6#
 54 38.3 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.02 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG027871.D
 Acq: 7 Jul 2017 16:40

Tgt Ion: 164 Resp: 80301
 Ion Ratio Lower Upper
 164 100
 162 107.4 85.1 127.7
 160 48.6 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 191.683 ng

RT: 16.52 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG027871.D

Acq: 7 Jul 2017 16:40

Instrument :

BNA_G

ClientSampleId :

SP-1-B

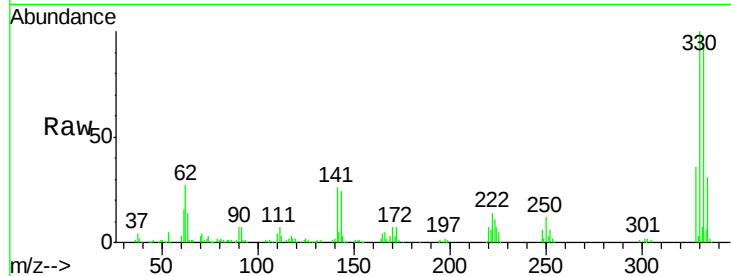
Tgt Ion:330 Resp: 211123

Ion Ratio Lower Upper

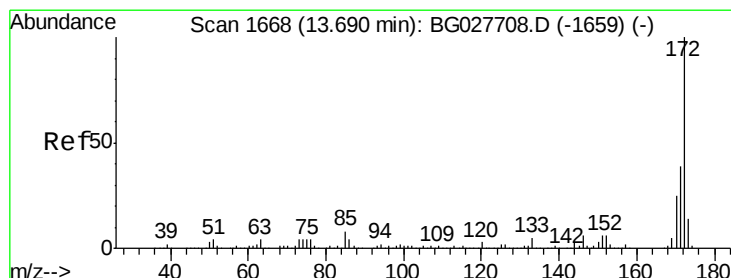
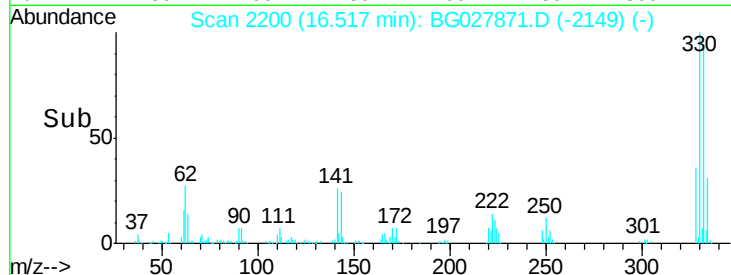
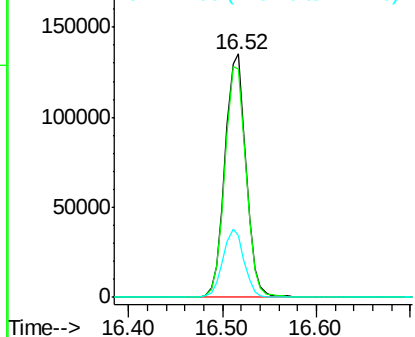
330 100

332 96.0 77.3 115.9

141 28.5 32.1 48.1#



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: 102.852 ng

RT: 13.65 min Scan# 1712

Delta R.T. -0.00 min

Lab File: BG027871.D

Acq: 7 Jul 2017 16:40

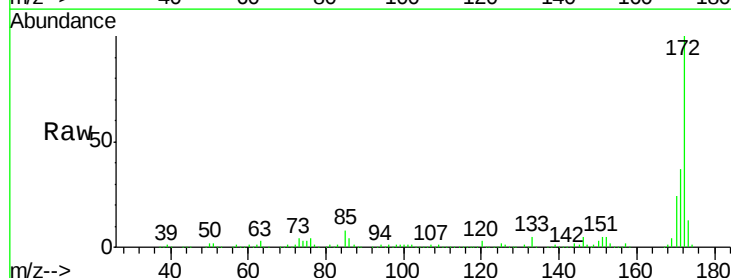
Tgt Ion:172 Resp: 578300

Ion Ratio Lower Upper

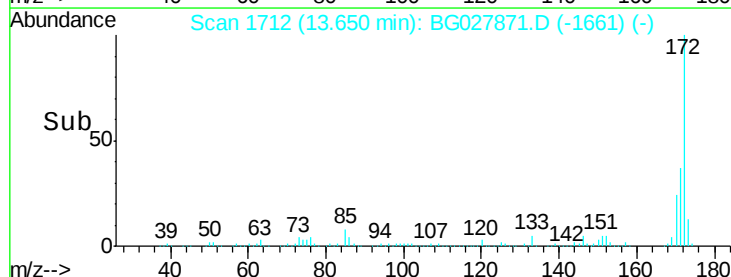
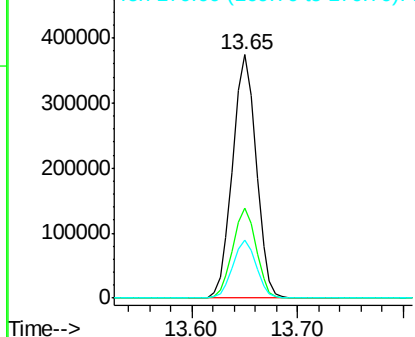
172 100

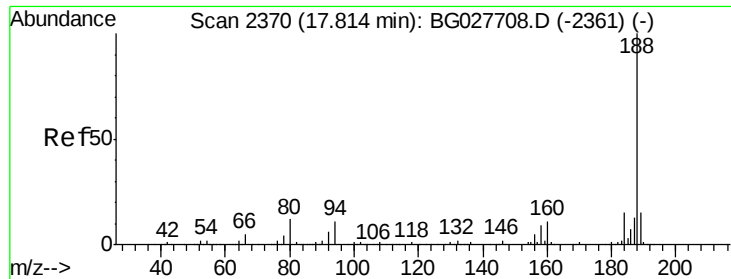
171 36.8 32.2 48.2

170 23.8 21.8 32.6



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

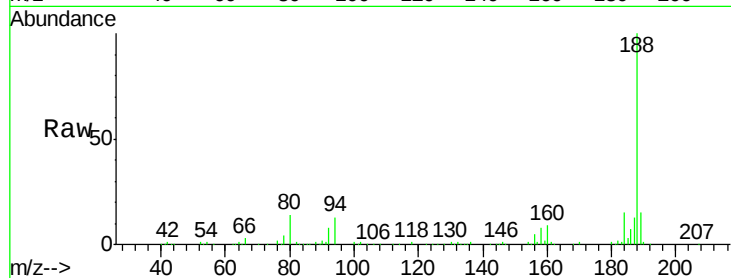




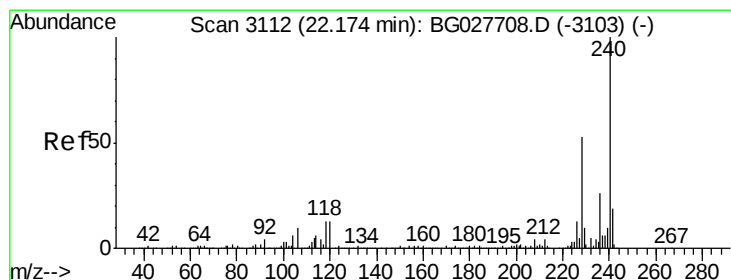
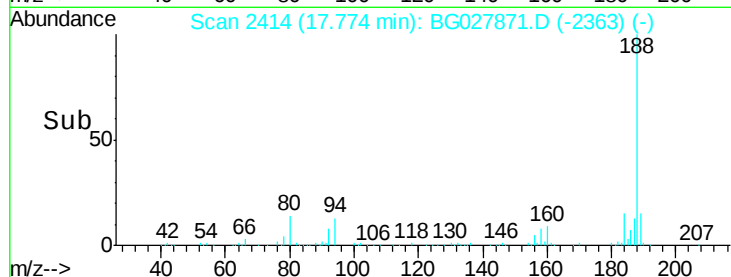
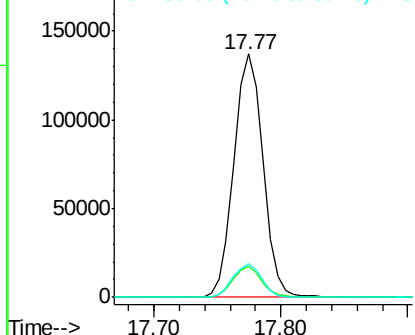
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.77 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG027871.D
Acq: 7 Jul 2017 16:40

Instrument :
BNA_G
ClientSampleId :
SP-1-B

Tgt Ion:188 Resp: 217719
Ion Ratio Lower Upper
188 100
94 12.7 5.8 8.8#
80 14.1 7.5 11.3#

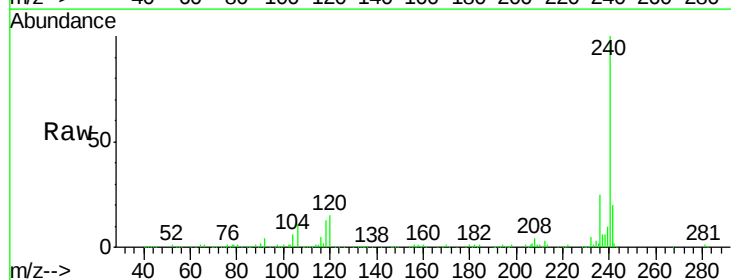


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

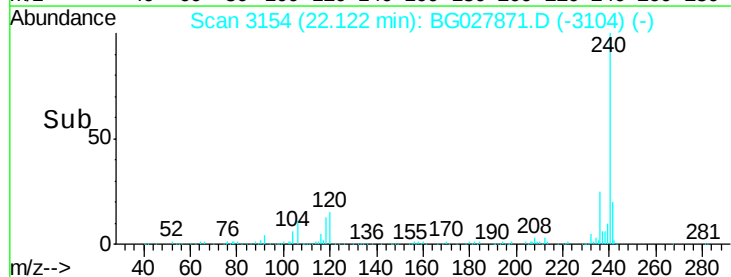
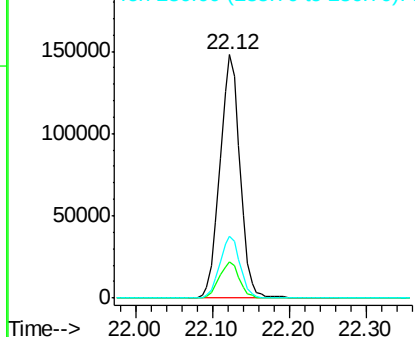


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.12 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG027871.D
Acq: 7 Jul 2017 16:40

Tgt Ion:240 Resp: 266616
Ion Ratio Lower Upper
240 100
120 14.7 5.7 8.5#
236 25.3 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





#78

Terphenyl-d14

Concen: 106.117 ng

RT: 20.35 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG027871.D

Acq: 7 Jul 2017 16:40

Instrument :

BNA_G

ClientSampleId :

SP-1-B

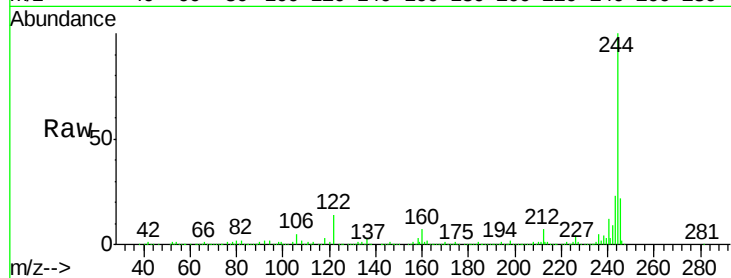
Tgt Ion:244 Resp: 1206830

Ion Ratio Lower Upper

244 100

212 6.6 10.0 15.0#

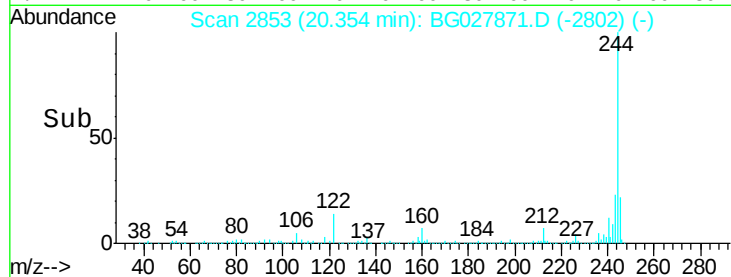
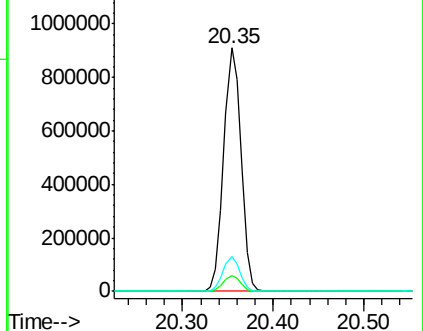
122 14.3 8.6 12.8#



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: 25.69 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG027871.D

Acq: 7 Jul 2017 16:40

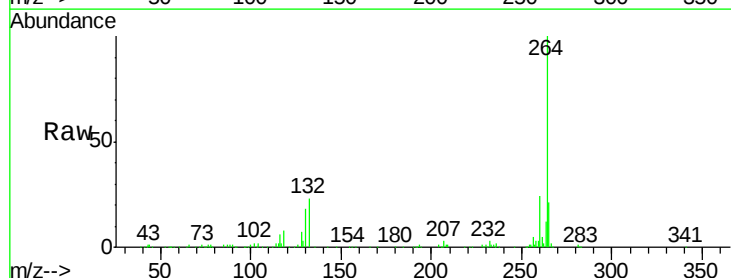
Tgt Ion:264 Resp: 256267

Ion Ratio Lower Upper

264 100

260 24.3 21.8 32.8

265 21.0 18.2 27.4



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

