

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120915\
 Data File : BG020027.D
 Acq On : 9 Dec 2015 4:15
 Operator : UM/SJ
 Sample : PB87147TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87147TB

Quant Time: Dec 09 07:13:13 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	16761	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	75588	20.00	ng	-0.03
38) Acenaphthene-d10	14.74	164	55239	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	136182	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	169784	20.00	ng	-0.04
86) Perylene-d12	25.03	264	156549	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	117399	126.59	ng	0.00
7) Phenol-d6	7.26	99	171681	122.61	ng	-0.02
23) Nitrobenzene-d5	9.27	82	111255	75.12	ng	-0.03
41) 2,4,6-Tribromophenol	16.22	330	88585	104.81	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	288451	71.30	ng	-0.03
78) Terphenyl-d14	20.08	244	518303	74.46	ng	-0.03

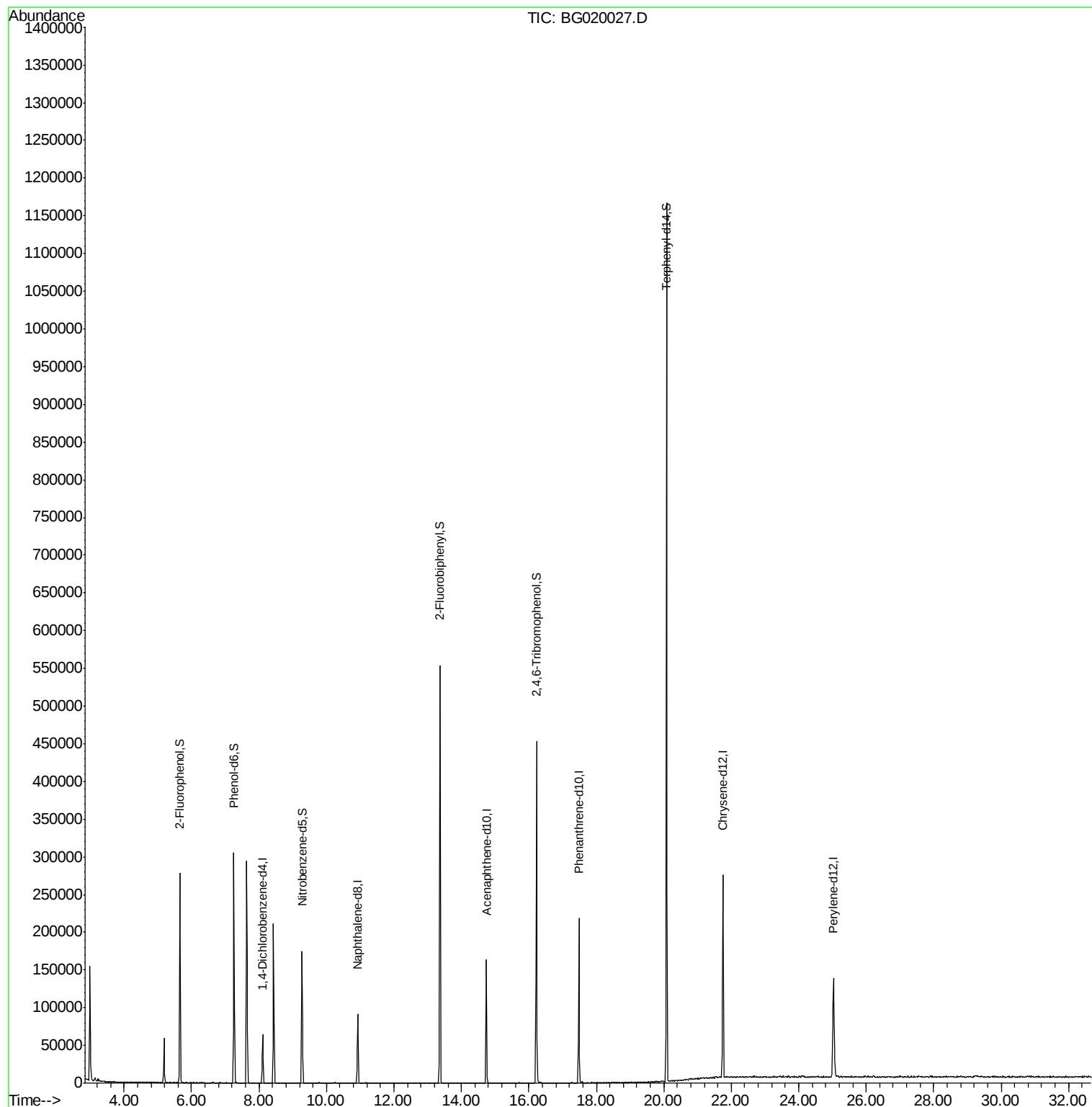
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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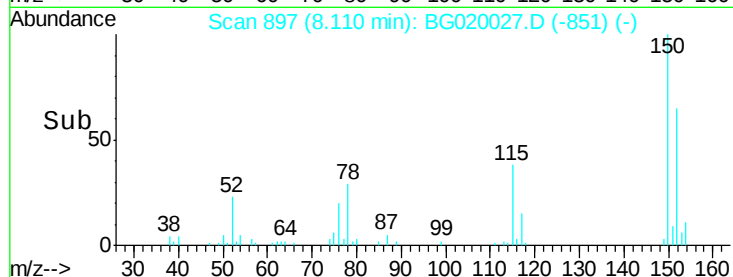
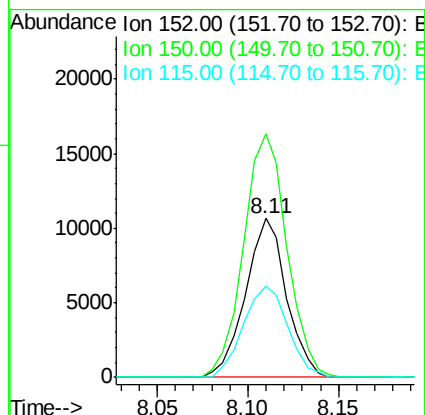
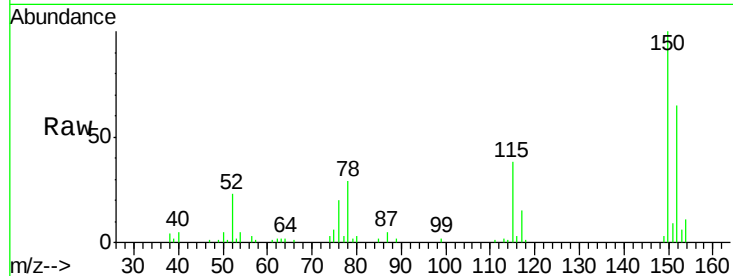




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 897
 Delta R.T. -0.03 min
 Lab File: BG020027.D
 Acq: 9 Dec 2015 4:15

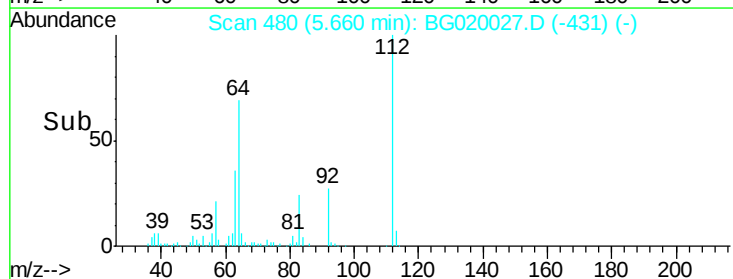
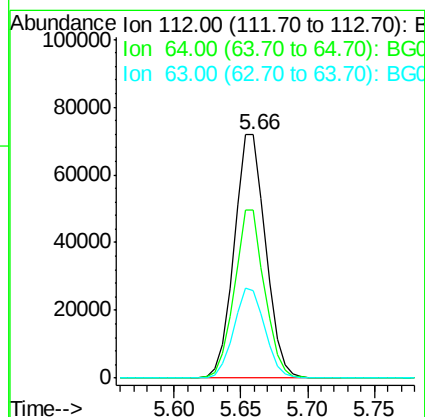
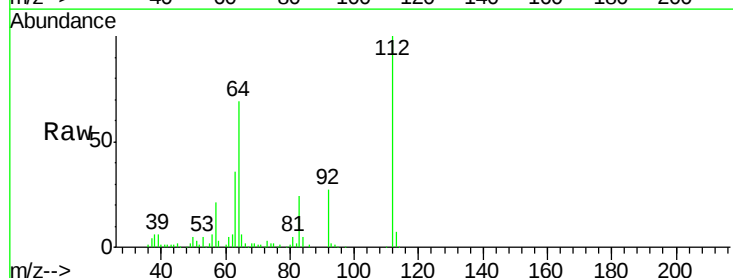
Instrument :
 BNA_G
 ClientSampleId :
 PB87147TB

Tgt Ion:152 Resp: 16761
 Ion Ratio Lower Upper
 152 100
 150 153.5 115.0 172.4
 115 57.9 43.9 65.9



#5
 2-Fluorophenol
 Concen: 126.59 ng
 RT: 5.66 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BG020027.D
 Acq: 9 Dec 2015 4:15

Tgt Ion:112 Resp: 117399
 Ion Ratio Lower Upper
 112 100
 64 69.1 43.7 65.5#
 63 35.9 24.0 36.0





#7

Phenol-d6

Concen: 122.61 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020027.D

Acq: 9 Dec 2015 4:15

Instrument :

BNA_G

ClientSampleId :

PB87147TB

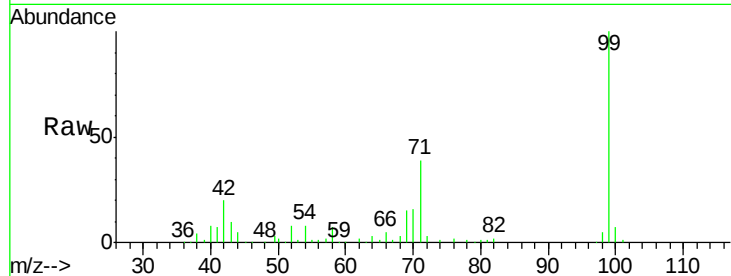
Tgt Ion: 99 Resp: 171681

Ion Ratio Lower Upper

99 100

42 20.2 11.5 17.3#

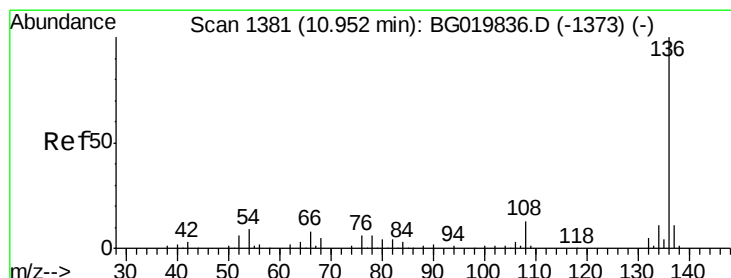
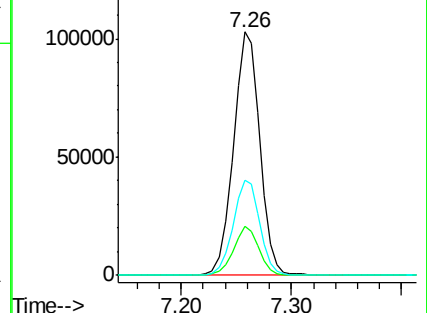
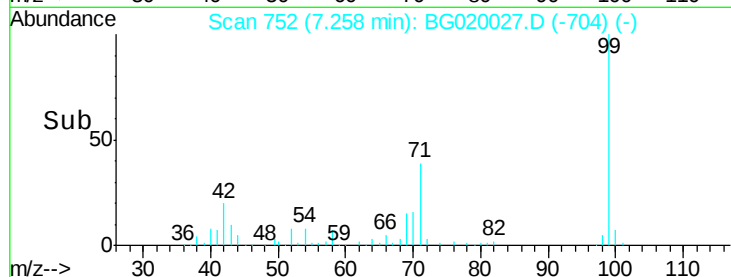
71 38.9 22.6 34.0#



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: 20.00 ng

RT: 10.92 min Scan# 1376

Delta R.T. -0.03 min

Lab File: BG020027.D

Acq: 9 Dec 2015 4:15

Tgt Ion: 136 Resp: 75588

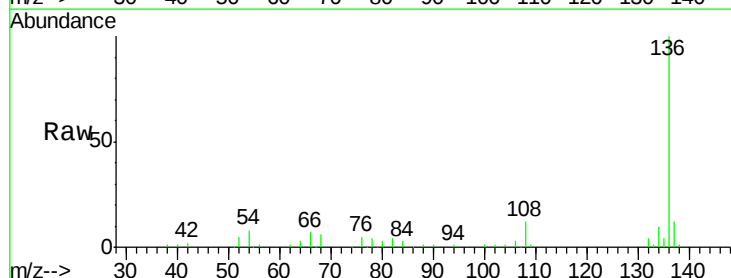
Ion Ratio Lower Upper

136 100

137 11.8 8.6 12.8

54 7.8 5.4 8.2

68 6.0 5.3 7.9

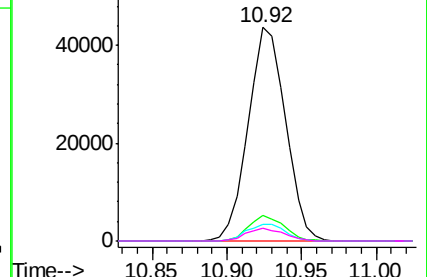
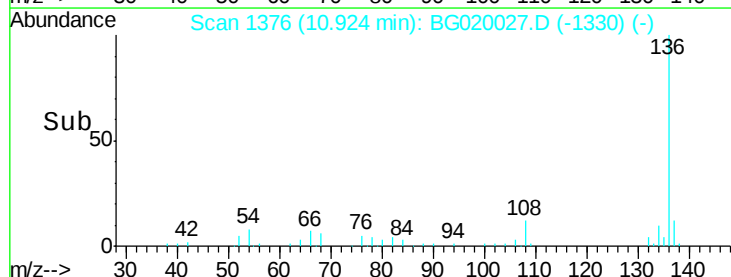


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

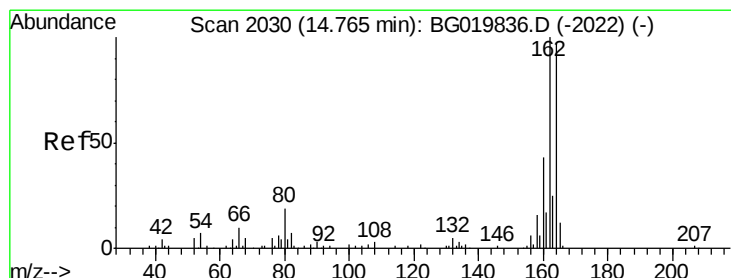
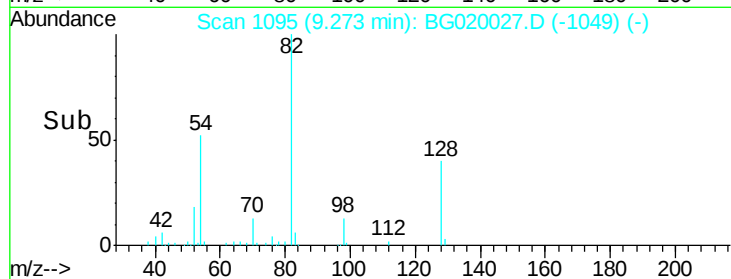
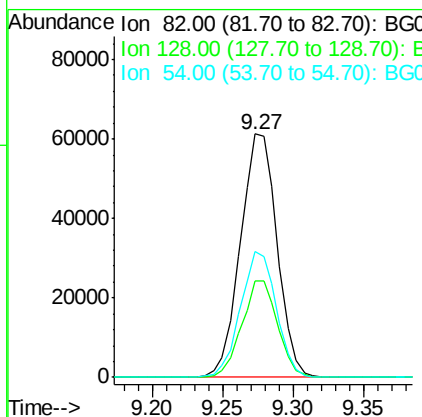
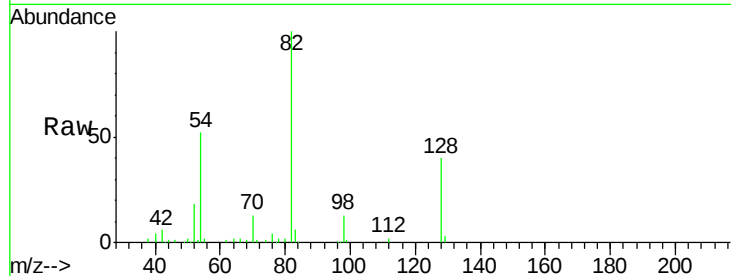




#23
 Nitrobenzene-d5
 Concen: 75.12 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG020027.D
 Acq: 9 Dec 2015 4:15

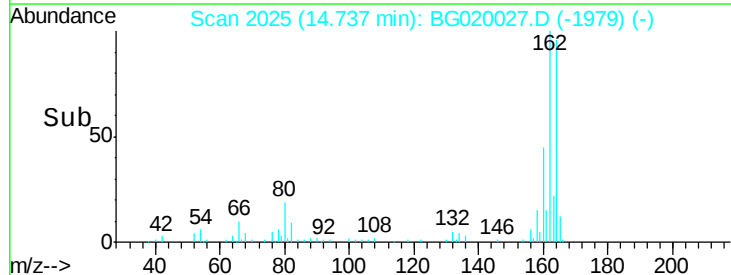
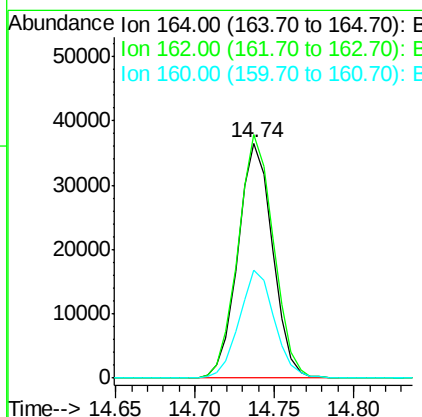
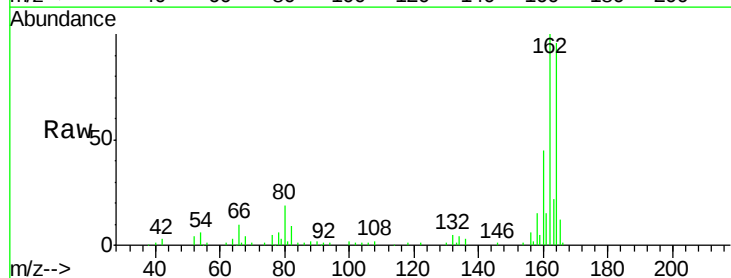
Instrument :
 BNA_G
 ClientSampleId :
 PB87147TB

Tgt Ion: 82 Resp: 111255
 Ion Ratio Lower Upper
 82 100
 128 39.8 36.7 55.1
 54 51.8 33.8 50.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.03 min
 Lab File: BG020027.D
 Acq: 9 Dec 2015 4:15

Tgt Ion: 164 Resp: 55239
 Ion Ratio Lower Upper
 164 100
 162 103.7 78.8 118.2
 160 46.2 36.4 54.6

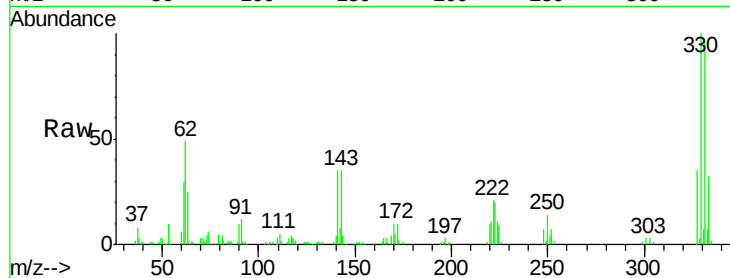




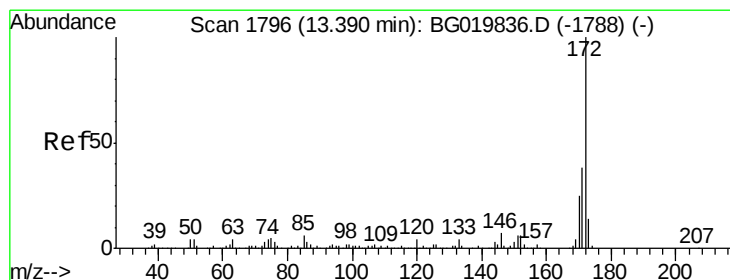
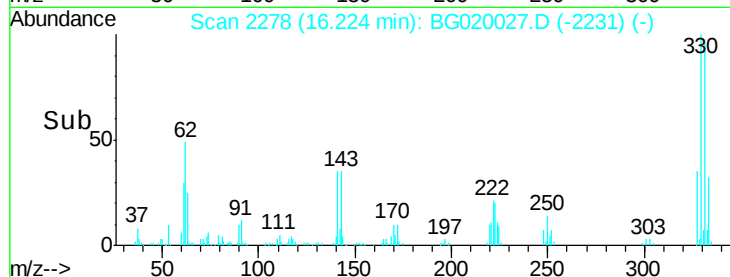
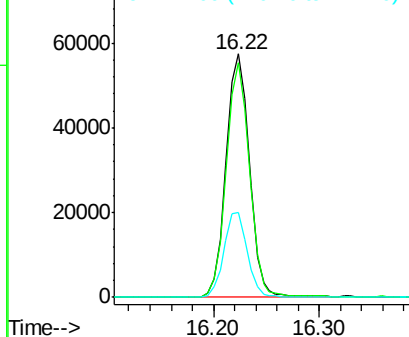
#41
 2,4,6-Tribromophenol
 Concen: 104.81 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020027.D
 Acq: 9 Dec 2015 4:15

Instrument :
 BNA_G
 ClientSampleId :
 PB87147TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.1	117.1
141	34.9	28.2	42.2

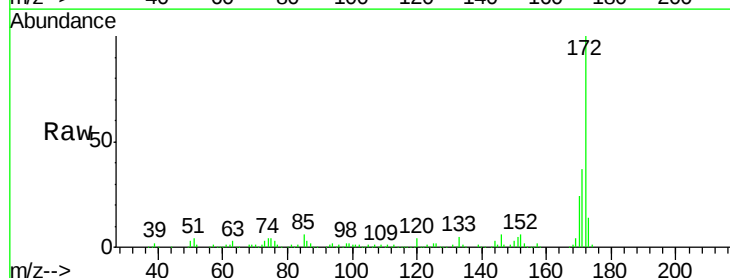


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

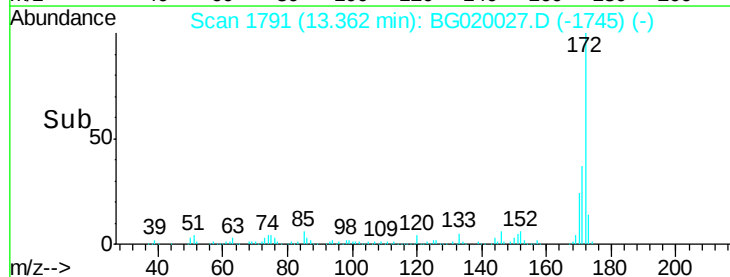
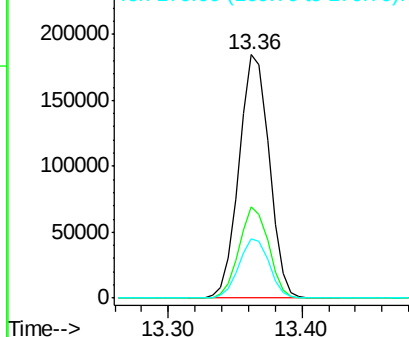


#44
 2-Fluorobiphenyl
 Concen: 71.30 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.03 min
 Lab File: BG020027.D
 Acq: 9 Dec 2015 4:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.0	43.6
170	24.2	19.9	29.9



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: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.03 min

Lab File: BG020027.D

Acq: 9 Dec 2015 4:15

Instrument :

BNA_G

ClientSampleId :

PB87147TB

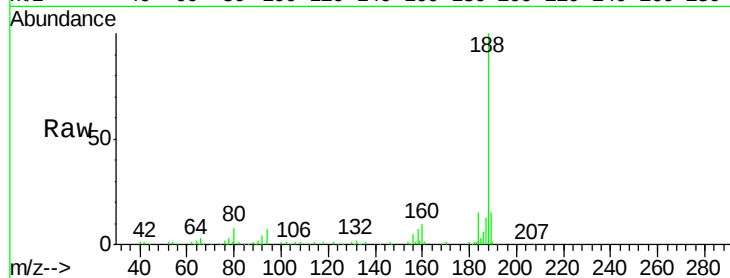
Tgt Ion:188 Resp: 136182

Ion Ratio Lower Upper

188 100

94 6.8 7.7 11.5#

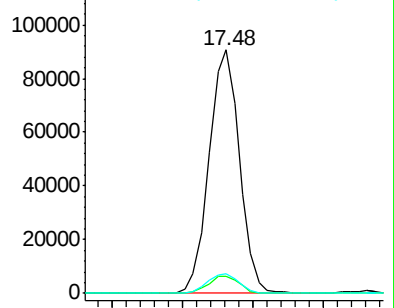
80 8.3 7.8 11.8



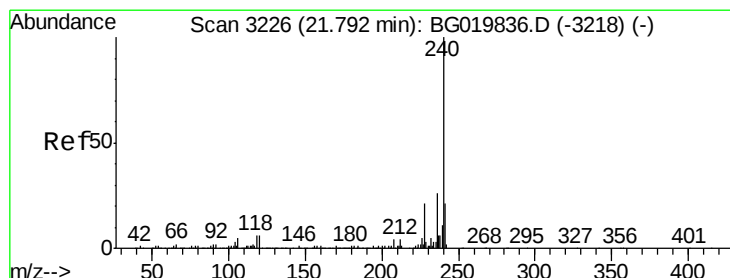
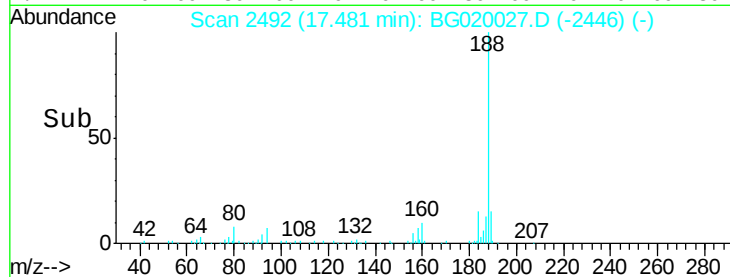
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.40 17.45 17.50 17.55



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG020027.D

Acq: 9 Dec 2015 4:15

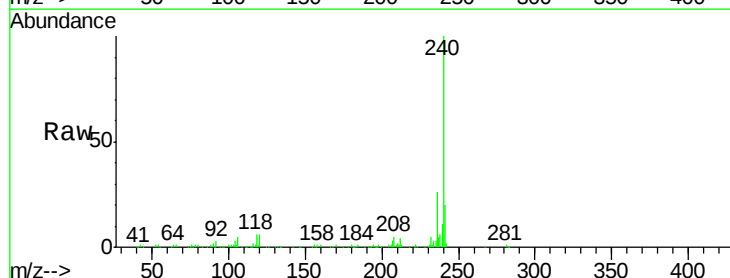
Tgt Ion:240 Resp: 169784

Ion Ratio Lower Upper

240 100

120 6.4 7.4 11.0#

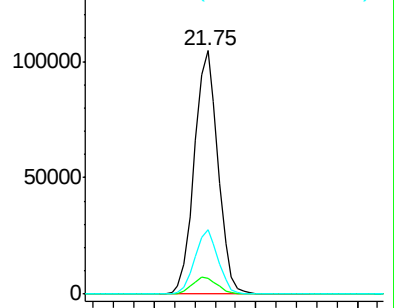
236 26.4 20.7 31.1



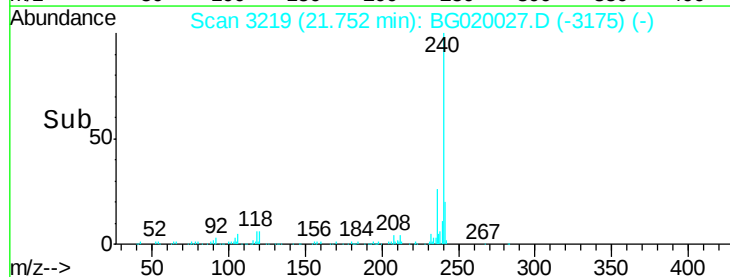
Abundance Ion 240.00 (239.70 to 240.70): E

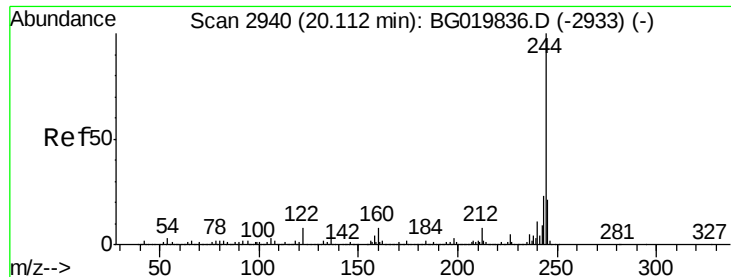
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.70 21.80 21.90





#78

Terphenyl-d14

Concen: 74.46 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020027.D

Acq: 9 Dec 2015 4:15

Instrument :

BNA_G

ClientSampleId :

PB87147TB

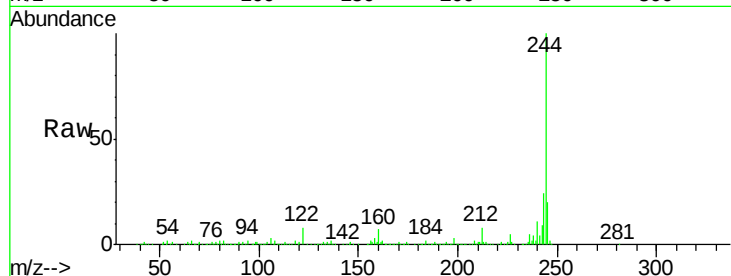
Tgt Ion:244 Resp: 518303

Ion Ratio Lower Upper

244 100

212 7.7 6.9 10.3

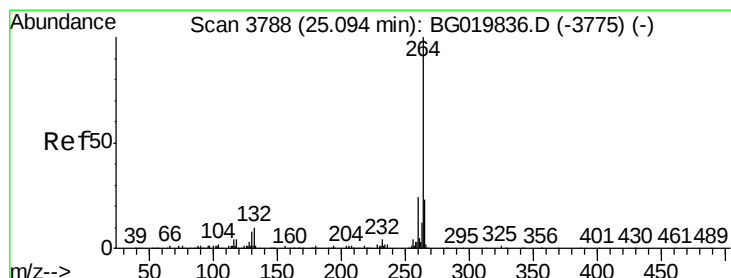
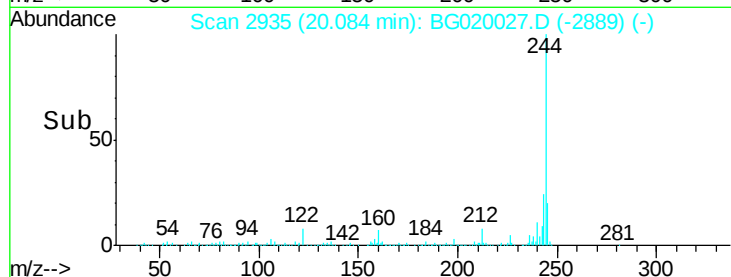
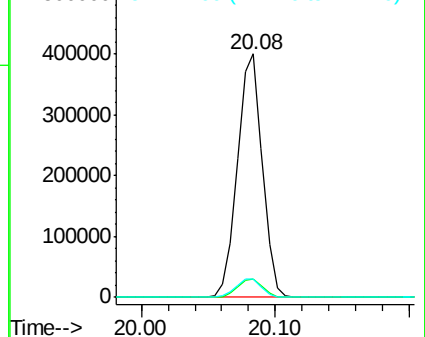
122 7.7 10.2 15.2#



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: 20.00 ng

RT: 25.03 min Scan# 3777

Delta R.T. -0.06 min

Lab File: BG020027.D

Acq: 9 Dec 2015 4:15

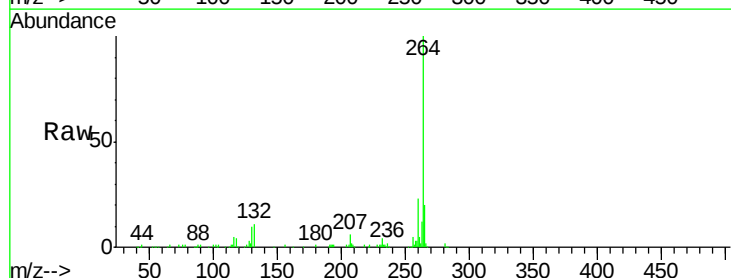
Tgt Ion:264 Resp: 156549

Ion Ratio Lower Upper

264 100

260 22.7 18.5 27.7

265 20.1 17.2 25.8



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

