

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019849.D
 Acq On : 3 Dec 2015 00:31
 Operator : UM/NP
 Sample : G4585-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-18(0-4)

Quant Time: Dec 03 03:03:50 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

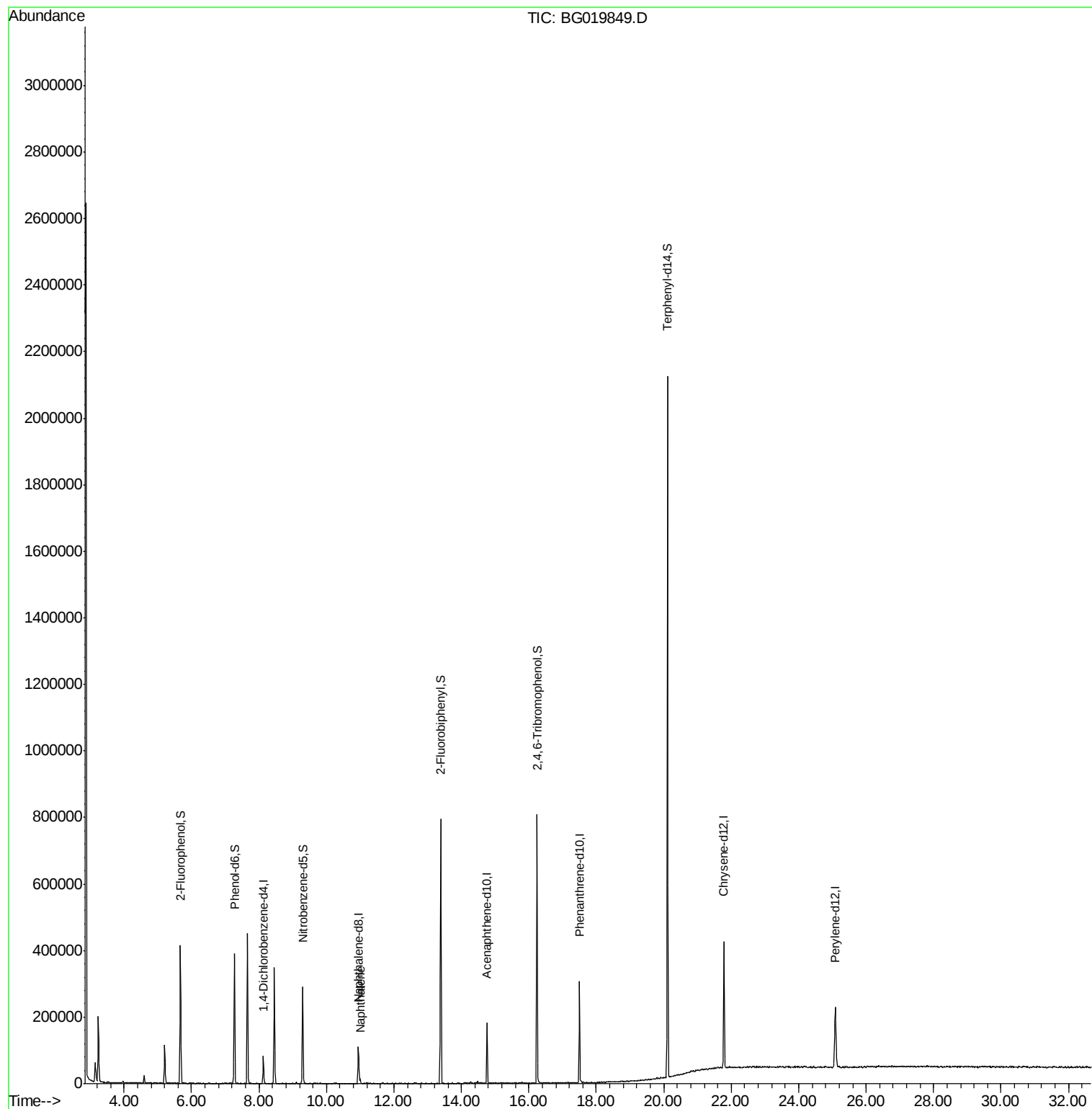
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	21403	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	86560	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	59520	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	179475	20.00	ng	0.00
75) Chrysene-d12	21.79	240	239111	20.00	ng	0.00
86) Perylene-d12	25.08	264	185384	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	156412	132.08	ng	0.00
7) Phenol-d6	7.27	99	204173	114.19	ng	0.00
23) Nitrobenzene-d5	9.29	82	169235	99.78	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	138321	151.88	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	403067	92.46	ng	0.00
78) Terphenyl-d14	20.11	244	901278	91.94	ng	0.00
Target Compounds						
31) Naphthalene	11.00	128	13341	2.88	ng	Qvalue # 97

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

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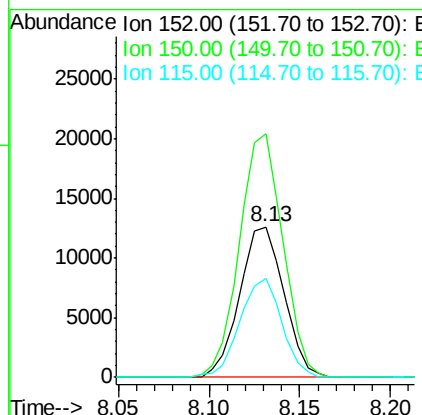
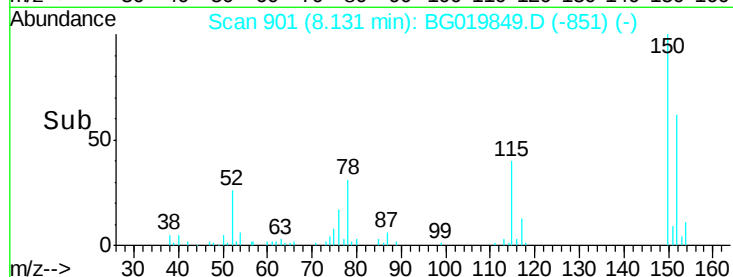
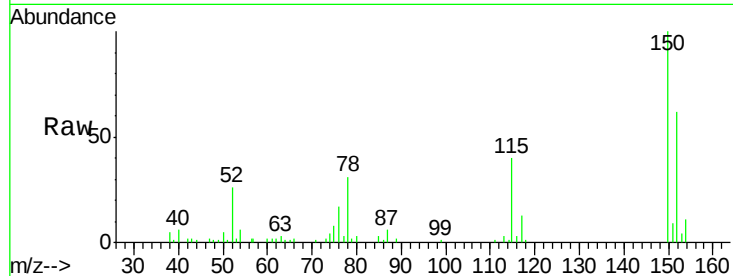




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.13 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BG019849.D
 Acq: 3 Dec 2015 00:31

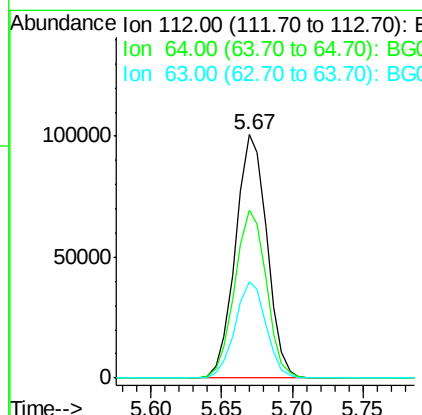
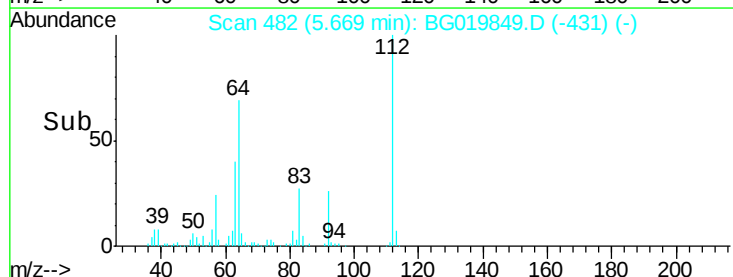
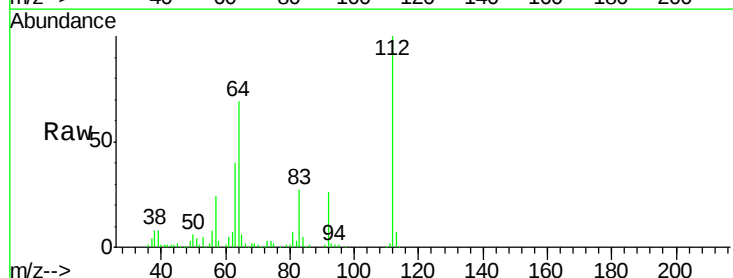
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-18(0-4)

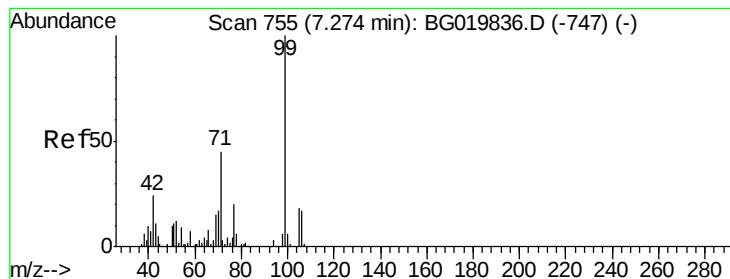
Tgt Ion:152 Resp: 21403
 Ion Ratio Lower Upper
 152 100
 150 162.1 115.0 172.4
 115 65.5 43.9 65.9



#5
 2-Fluorophenol
 Concen: 132.08 ng
 RT: 5.67 min Scan# 482
 Delta R.T. 0.00 min
 Lab File: BG019849.D
 Acq: 3 Dec 2015 00:31

Tgt Ion:112 Resp: 156412
 Ion Ratio Lower Upper
 112 100
 64 69.2 43.7 65.5#
 63 39.8 24.0 36.0#





#7

Phenol-d6

Concen: 114.19 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG019849.D

Acq: 3 Dec 2015 00:31

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-18(0-4)

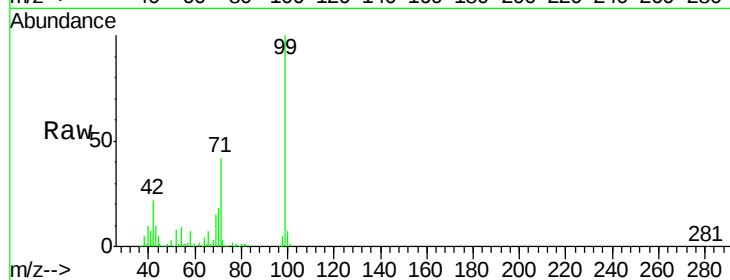
Tgt Ion: 99 Resp: 204173

Ion Ratio Lower Upper

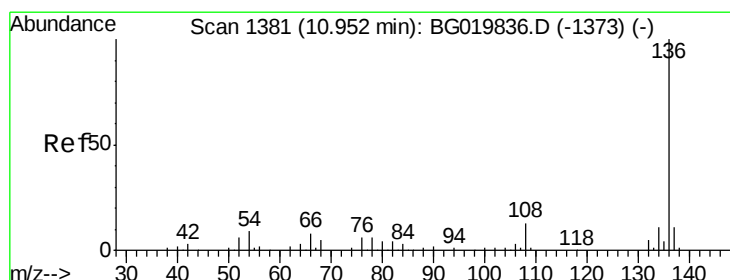
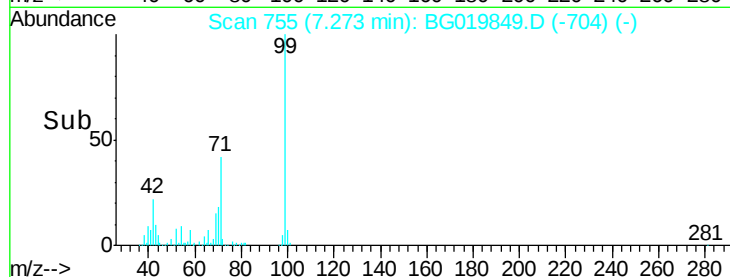
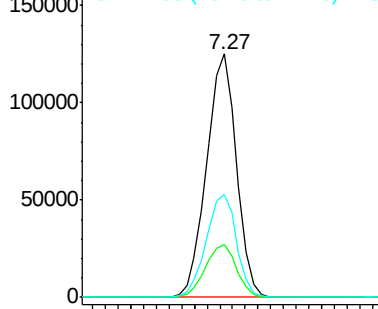
99 100

42 21.5 11.5 17.3#

71 42.0 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: 10.95 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BG019849.D

Acq: 3 Dec 2015 00:31

Tgt Ion: 136 Resp: 86560

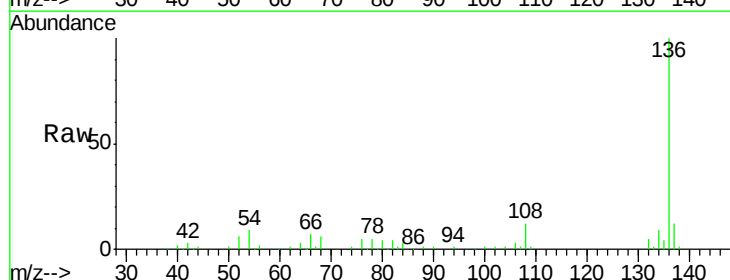
Ion Ratio Lower Upper

136 100

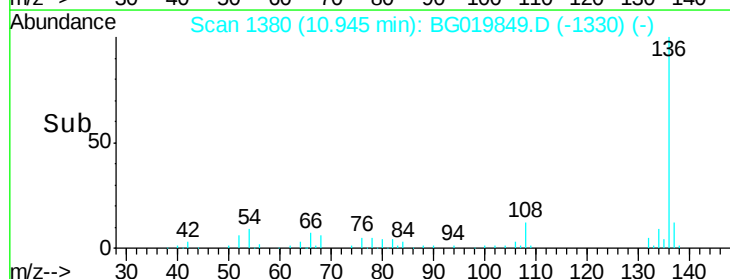
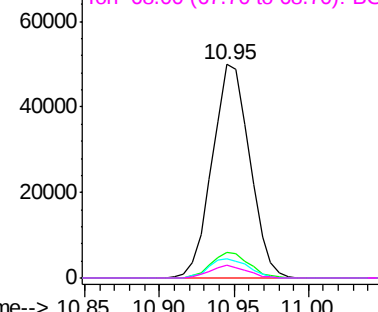
137 11.7 8.6 12.8

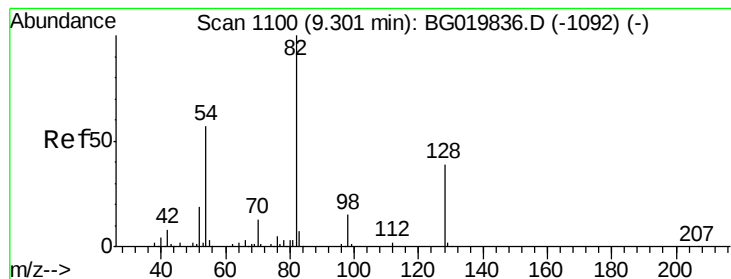
54 9.2 5.4 8.2#

68 5.8 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: 99.78 ng

RT: 9.29 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG019849.D

Acq: 3 Dec 2015 00:31

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-18(0-4)

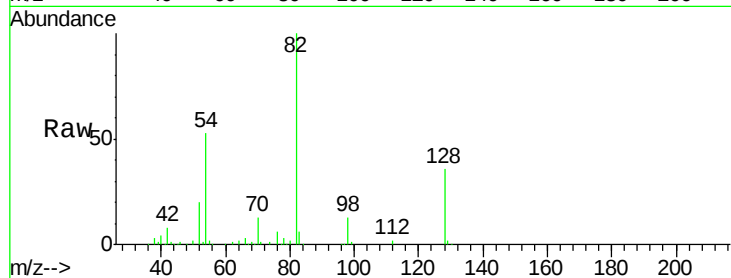
Tgt Ion: 82 Resp: 169235

Ion Ratio Lower Upper

82 100

128 36.3 36.7 55.1#

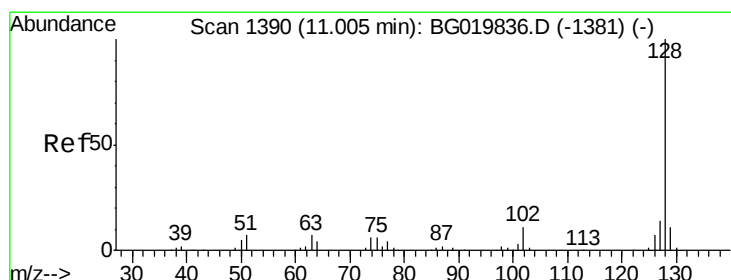
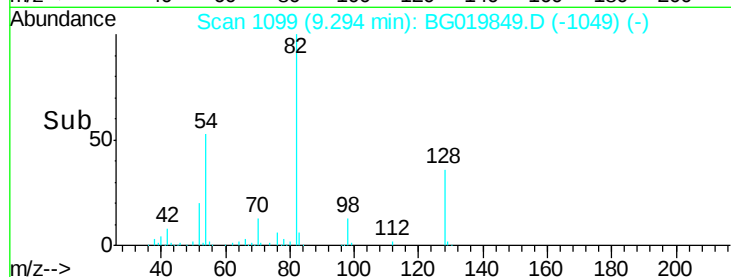
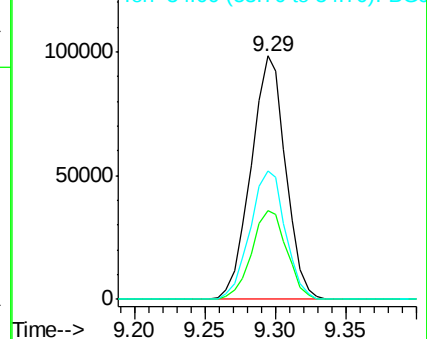
54 52.8 33.8 50.8#



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



#31

Naphthalene

Concen: 2.88 ng

RT: 11.00 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BG019849.D

Acq: 3 Dec 2015 00:31

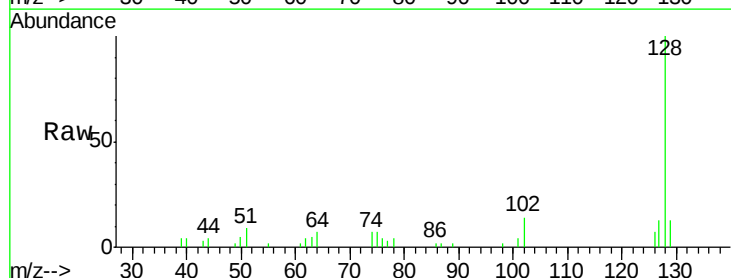
Tgt Ion: 128 Resp: 13341

Ion Ratio Lower Upper

128 100

129 13.0 8.5 12.7#

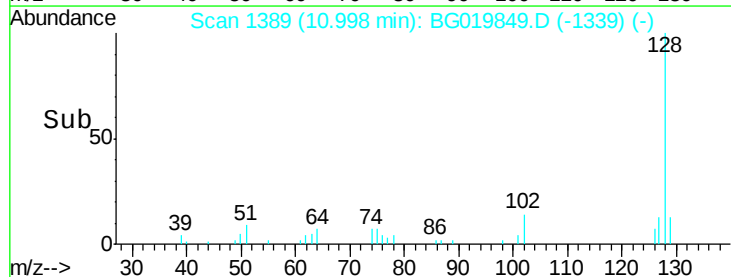
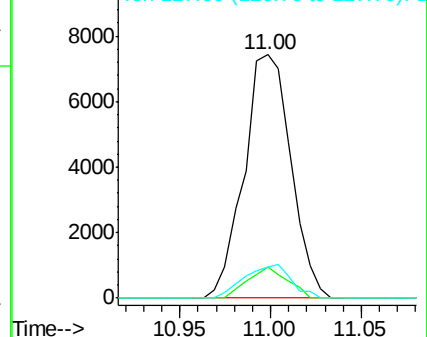
127 13.0 10.6 16.0

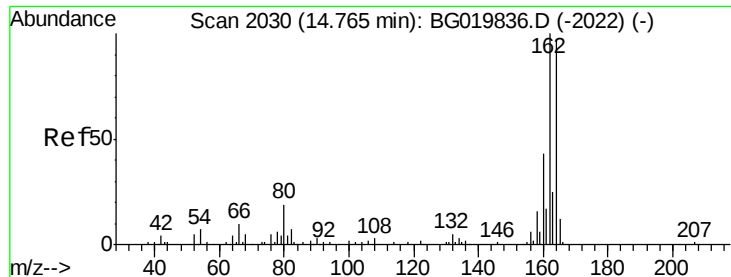


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BG019849.D

Acq: 3 Dec 2015 00:31

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-18(0-4)

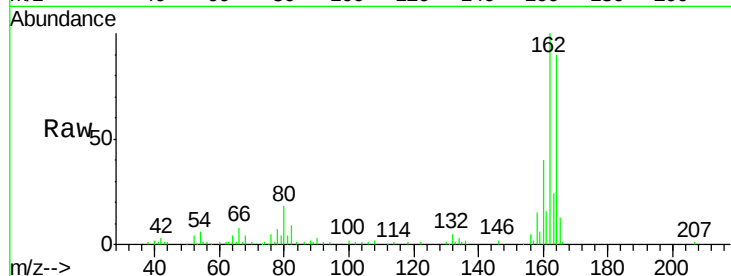
Tgt Ion:164 Resp: 59520

Ion Ratio Lower Upper

164 100

162 111.0 78.8 118.2

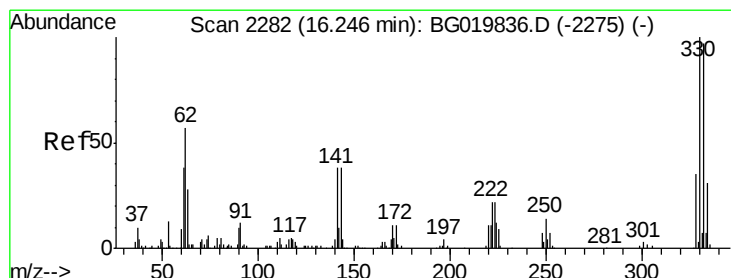
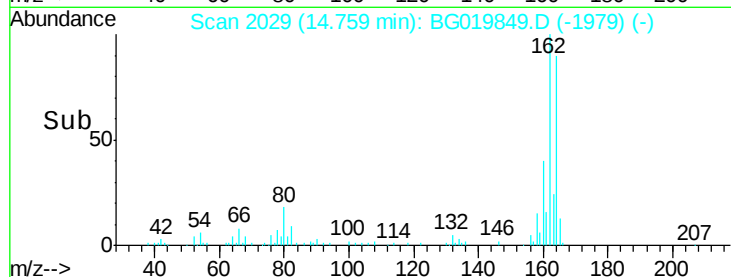
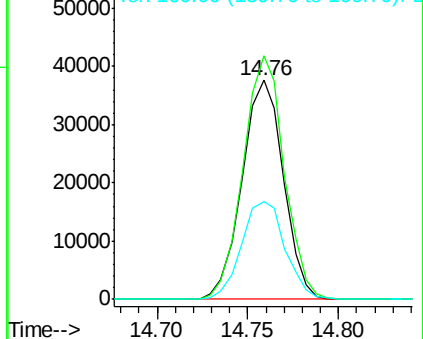
160 44.6 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 151.88 ng

RT: 16.25 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BG019849.D

Acq: 3 Dec 2015 00:31

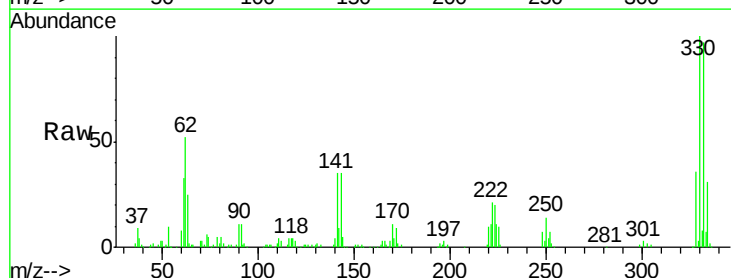
Tgt Ion:330 Resp: 138321

Ion Ratio Lower Upper

330 100

332 96.5 78.1 117.1

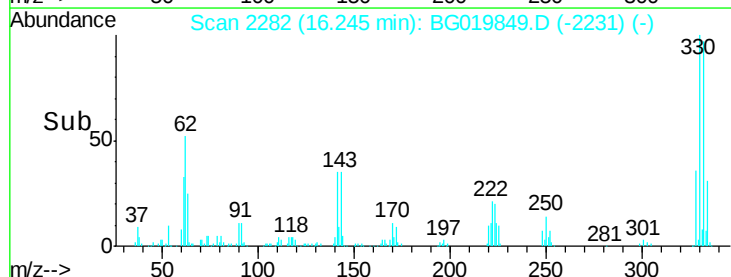
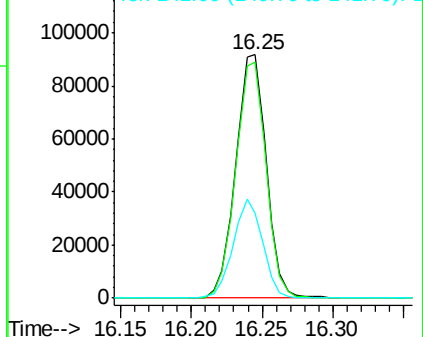
141 39.2 28.2 42.2

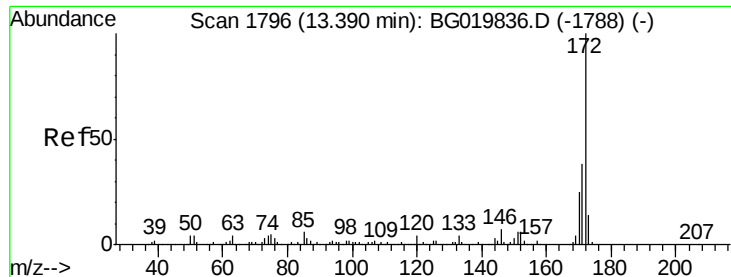


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

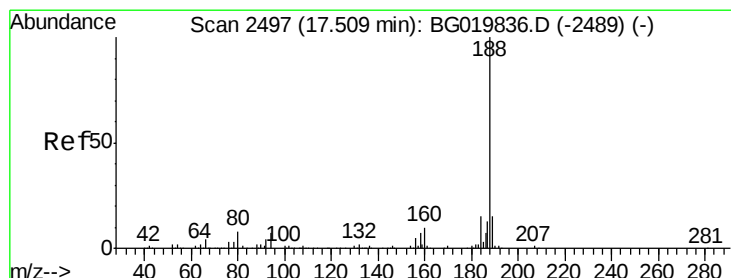
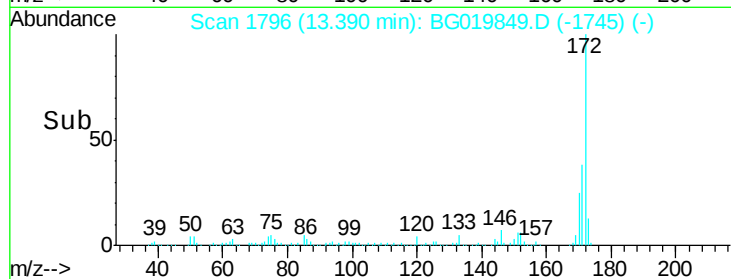
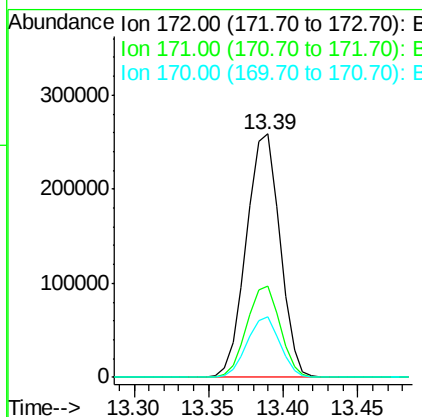
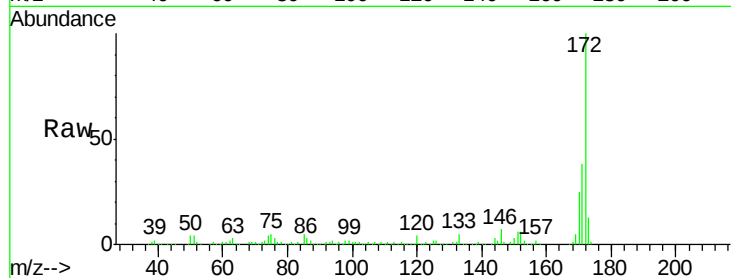




#44
 2-Fluorobiphenyl
 Concen: 92.46 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG019849.D
 Acq: 3 Dec 2015 00:31

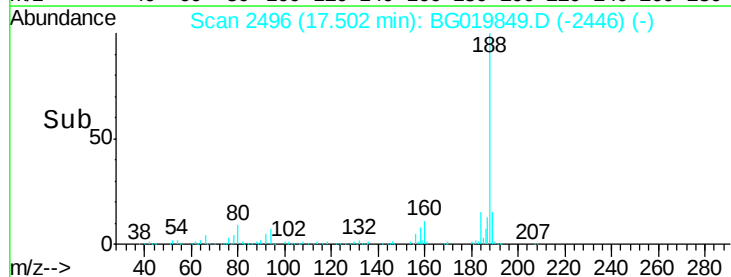
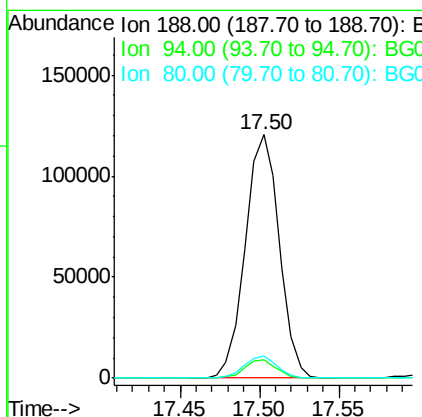
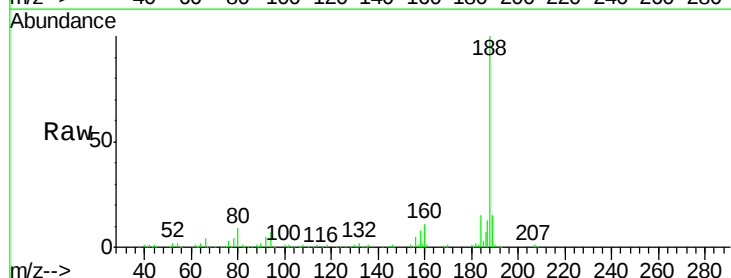
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 BNA_G
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 SB-P3WC-18(0-4)

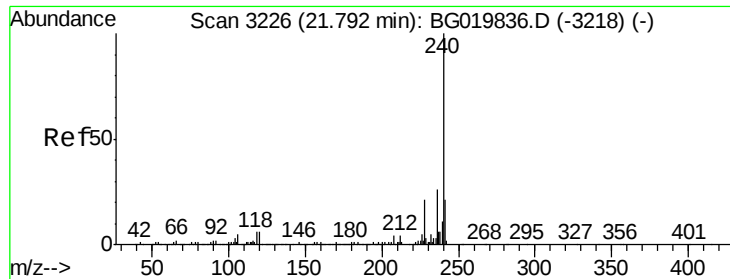
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.0	43.6
170	24.9	19.9	29.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.50 min Scan# 2496
 Delta R.T. -0.01 min
 Lab File: BG019849.D
 Acq: 3 Dec 2015 00:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.7	11.5#
80	8.9	7.8	11.8

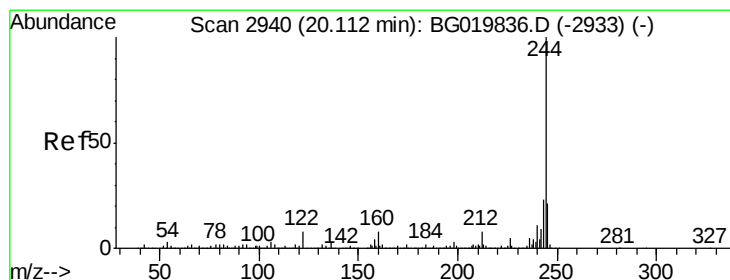
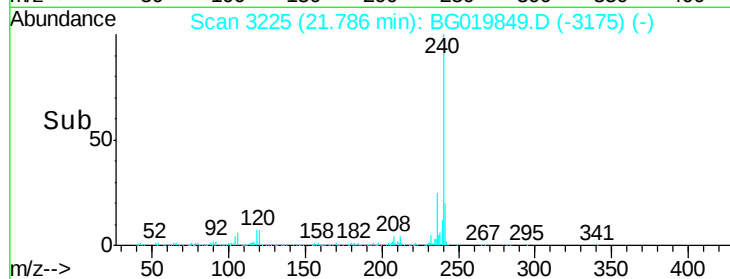
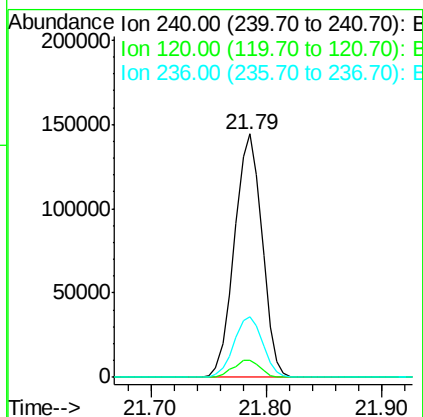
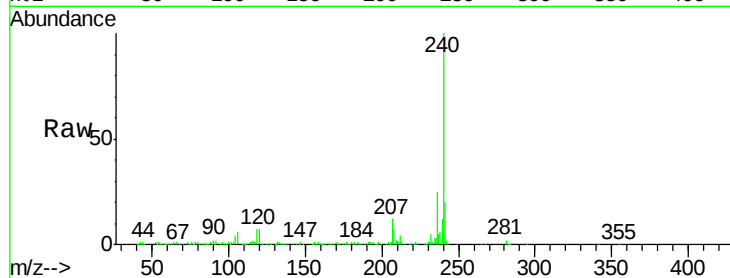




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3225
Delta R.T. -0.01 min
Lab File: BG019849.D
Acq: 3 Dec 2015 00:31

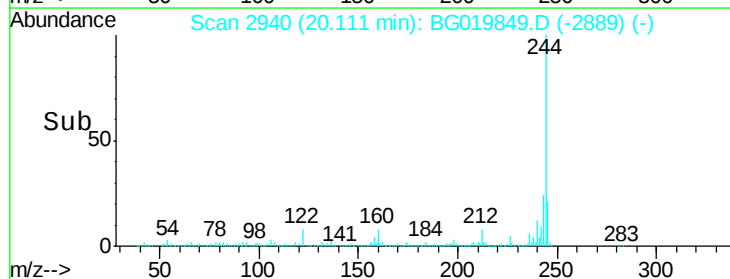
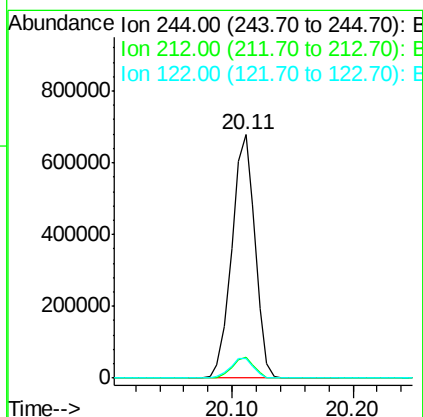
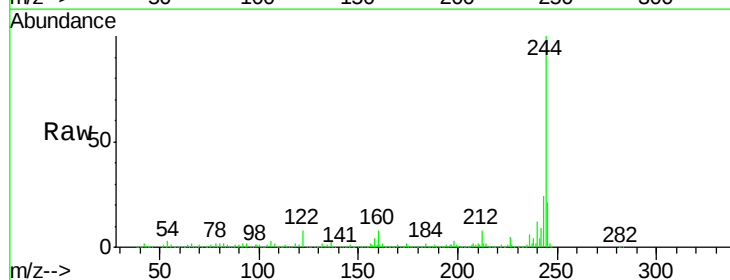
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Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.8	7.4	11.0#
236	25.1	20.7	31.1



#78
Terphenyl-d14
Concen: 91.94 ng
RT: 20.11 min Scan# 2940
Delta R.T. 0.00 min
Lab File: BG019849.D
Acq: 3 Dec 2015 00:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	7.8	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.08 min Scan# 3786
Delta R.T. -0.01 min
Lab File: BG019849.D
Acq: 3 Dec 2015 00:31

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-18(0-4)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.5	27.7
265	21.0	17.2	25.8

