

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121215\
 Data File : BG020119.D
 Acq On : 11 Dec 2015 23:22
 Operator : UM/SJ
 Sample : PB87210BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87210BL

Quant Time: Dec 12 00:21:40 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	8.10	152	22531	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	90437	20.00	ng	-0.03
38) Acenaphthene-d10	14.73	164	67599	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	188104	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	224468	20.00	ng	-0.05
86) Perylene-d12	25.01	264	207651	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	93890	75.32	ng	-0.02
7) Phenol-d6	7.25	99	136423	72.48	ng	-0.02
23) Nitrobenzene-d5	9.27	82	125455	70.80	ng	-0.03
41) 2,4,6-Tribromophenol	16.21	330	76306	73.77	ng	-0.03
44) 2-Fluorobiphenyl	13.35	172	323213	65.28	ng	-0.04
78) Terphenyl-d14	20.07	244	664975	72.26	ng	-0.04

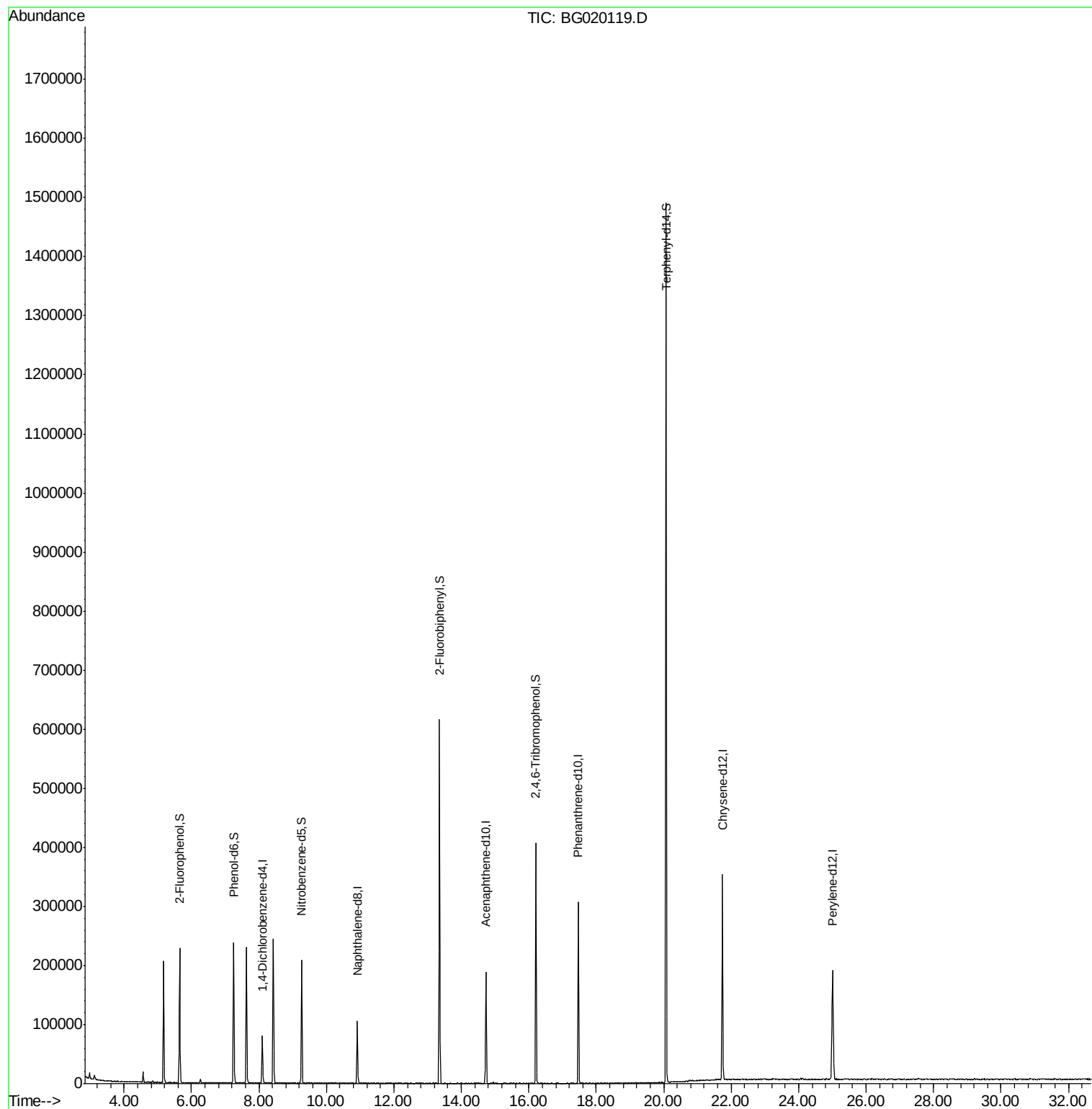
Target Compounds	Qvalue
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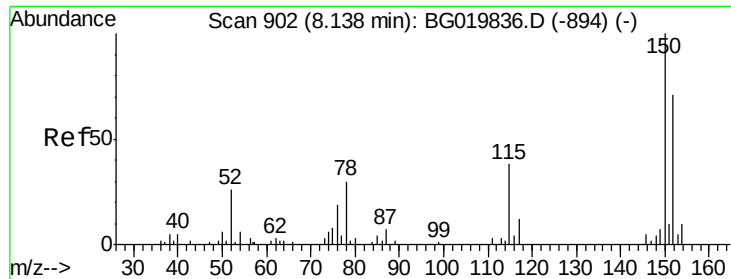
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.03 min

Lab File: BG020119.D

Acq: 11 Dec 2015 23:22

Instrument :

BNA_G

ClientSampled :

PB87210BL

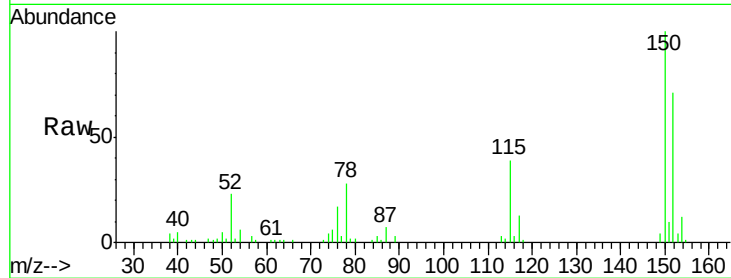
Tgt Ion:152 Resp: 22531

Ion Ratio Lower Upper

152 100

150 140.9 115.0 172.4

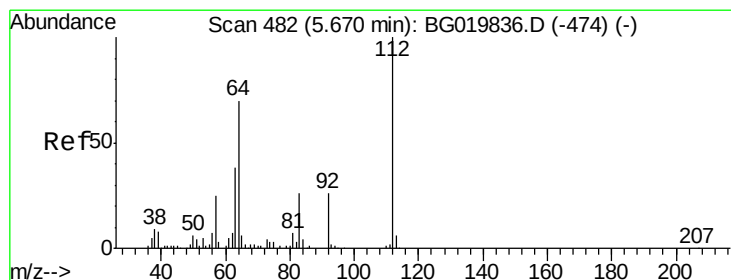
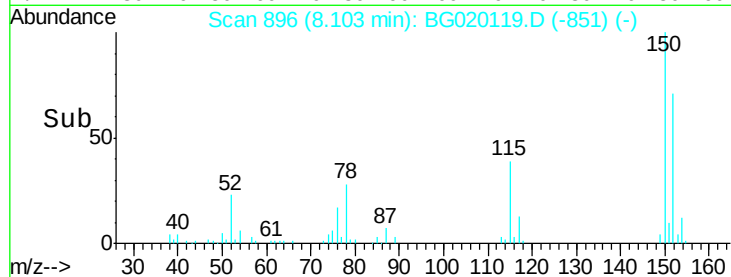
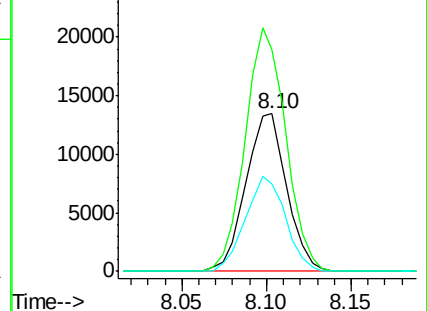
115 55.3 43.9 65.9



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: 75.32 ng

RT: 5.65 min Scan# 478

Delta R.T. -0.02 min

Lab File: BG020119.D

Acq: 11 Dec 2015 23:22

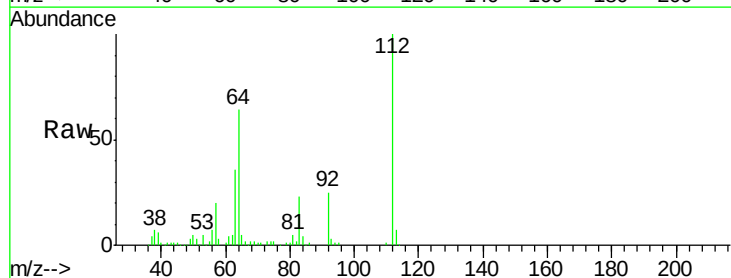
Tgt Ion:112 Resp: 93890

Ion Ratio Lower Upper

112 100

64 63.7 43.7 65.5

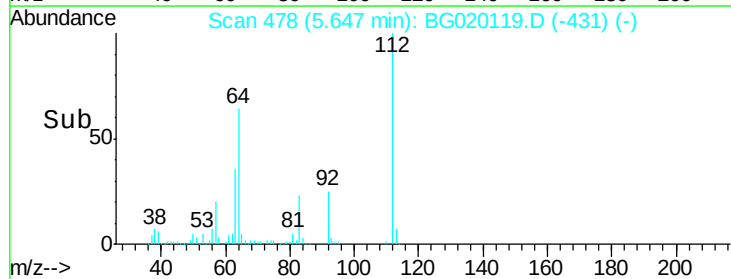
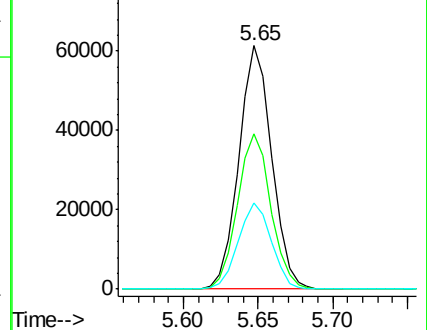
63 35.6 24.0 36.0

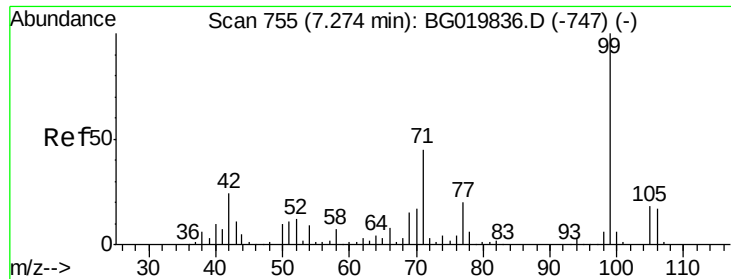


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 72.48 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG020119.D

Acq: 11 Dec 2015 23:22

Instrument :

BNA_G

ClientSampleId :

PB87210BL

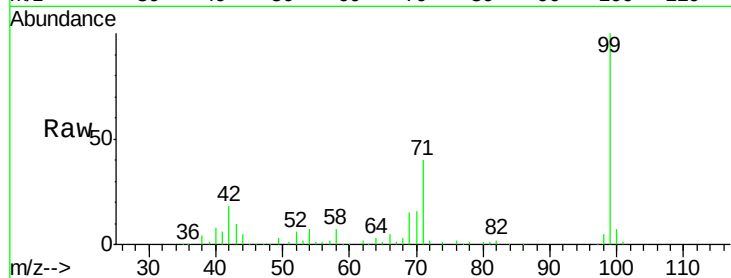
Tgt Ion: 99 Resp: 136423

Ion Ratio Lower Upper

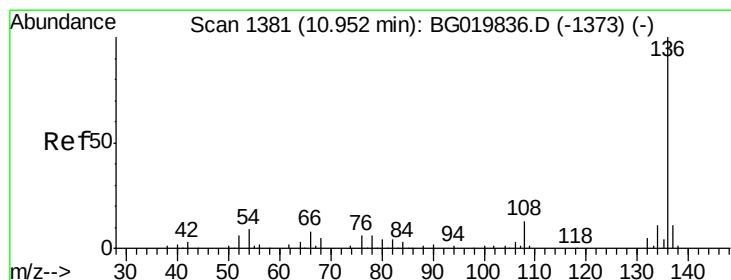
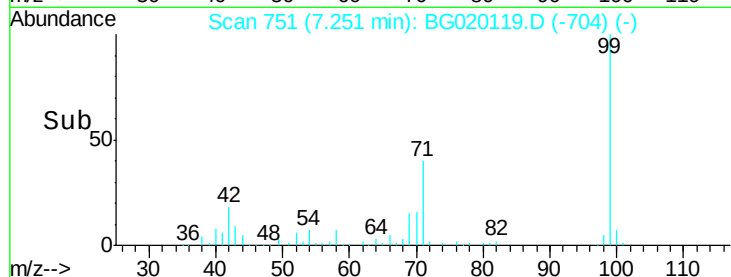
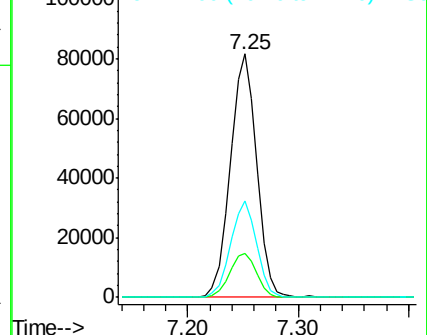
99 100

42 18.0 11.5 17.3#

71 39.6 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# 1375

Delta R.T. -0.03 min

Lab File: BG020119.D

Acq: 11 Dec 2015 23:22

Tgt Ion: 136 Resp: 90437

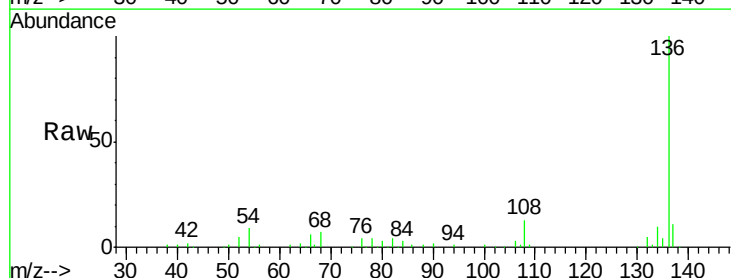
Ion Ratio Lower Upper

136 100

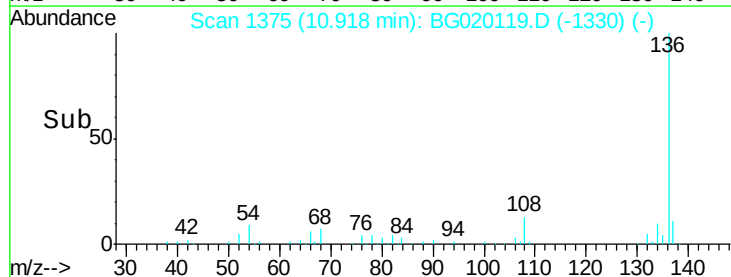
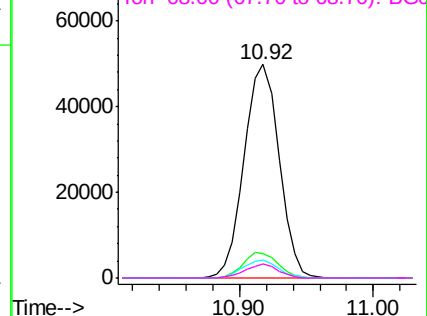
137 11.2 8.6 12.8

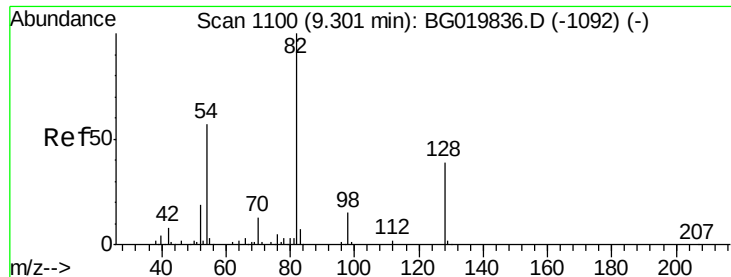
54 8.5 5.4 8.2#

68 6.9 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

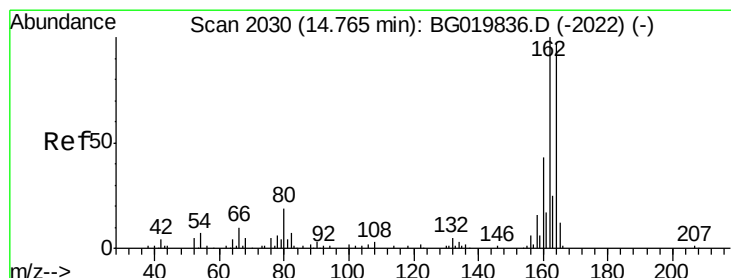
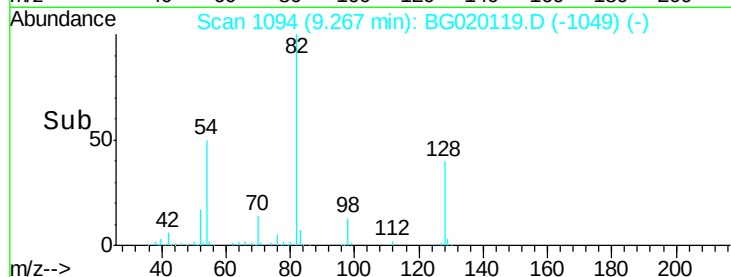
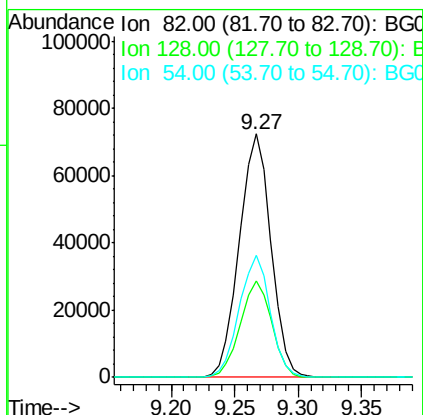
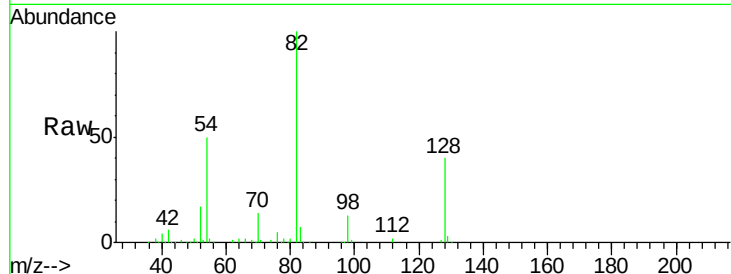




#23
Nitrobenzene-d5
Concen: 70.80 ng
RT: 9.27 min Scan# 1094
Delta R.T. -0.03 min
Lab File: BG020119.D
Acq: 11 Dec 2015 23:22

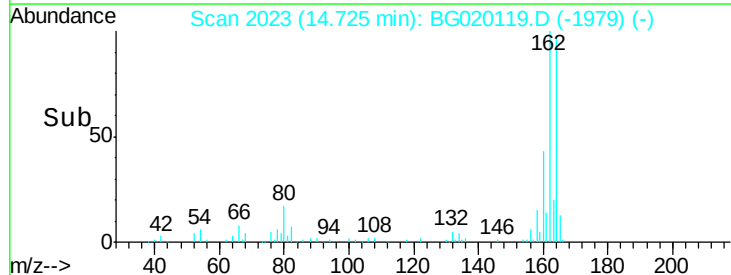
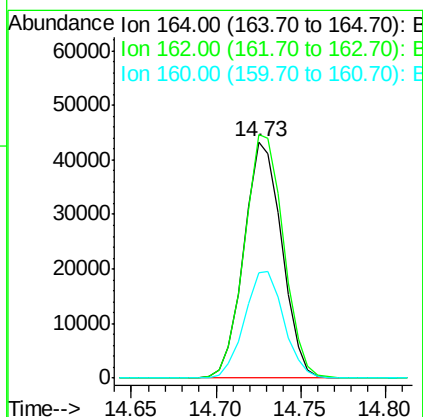
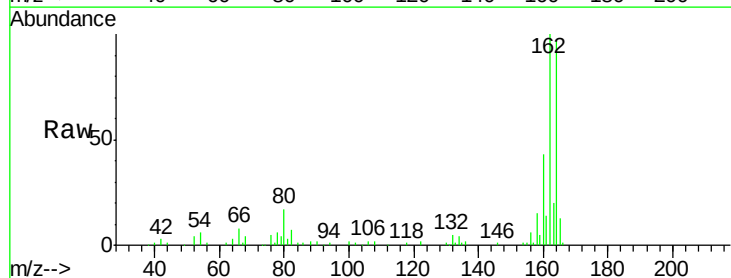
Instrument :
BNA_G
ClientSampleId :
PB87210BL

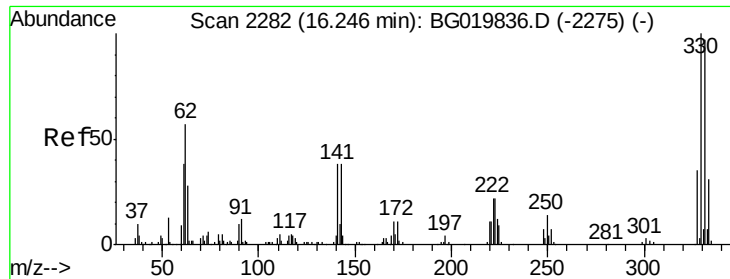
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.6	36.7	55.1
54	49.9	33.8	50.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2023
Delta R.T. -0.04 min
Lab File: BG020119.D
Acq: 11 Dec 2015 23:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	44.8	36.4	54.6

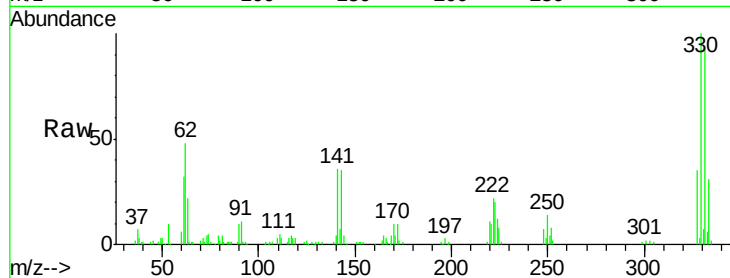




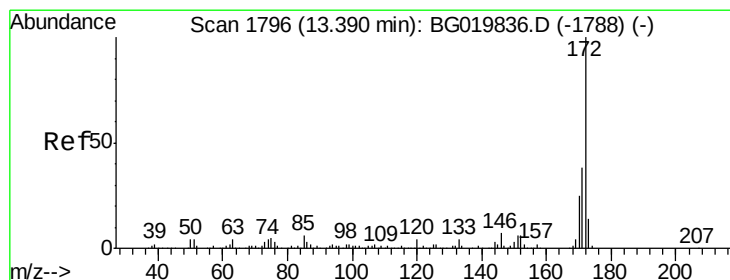
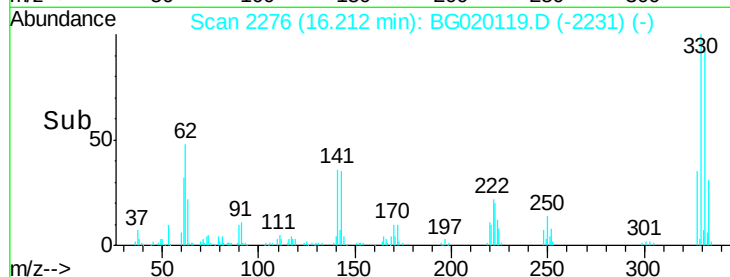
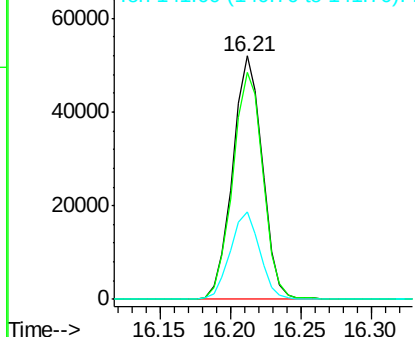
#41
 2,4,6-Tribromophenol
 Concen: 73.77 ng
 RT: 16.21 min Scan# 2276
 Delta R.T. -0.03 min
 Lab File: BG020119.D
 Acq: 11 Dec 2015 23:22

Instrument :
 BNA_G
 ClientSampleId :
 PB87210BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.1	117.1
141	35.6	28.2	42.2

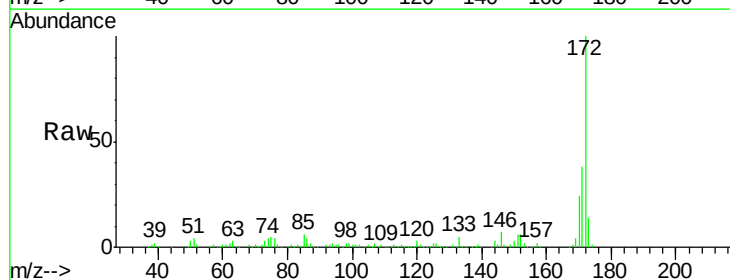


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

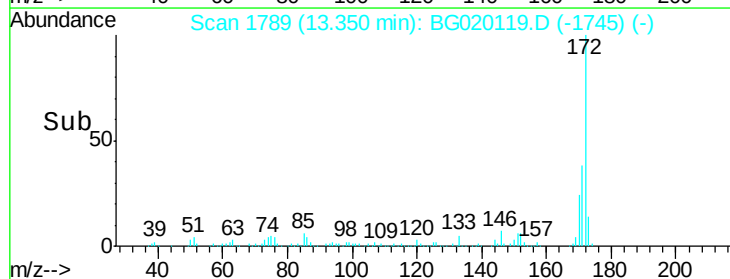
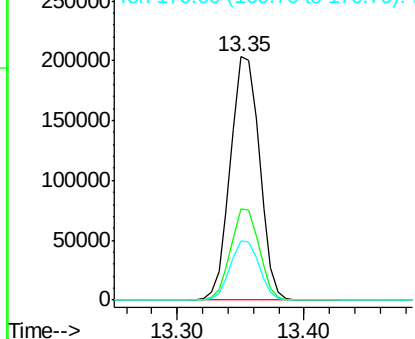


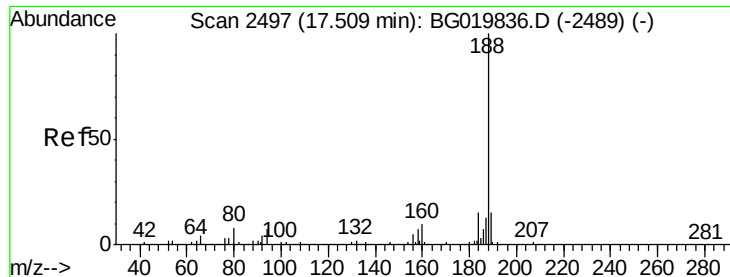
#44
 2-Fluorobiphenyl
 Concen: 65.28 ng
 RT: 13.35 min Scan# 1789
 Delta R.T. -0.04 min
 Lab File: BG020119.D
 Acq: 11 Dec 2015 23:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	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

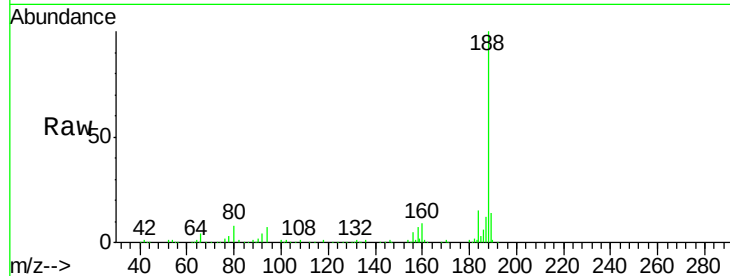




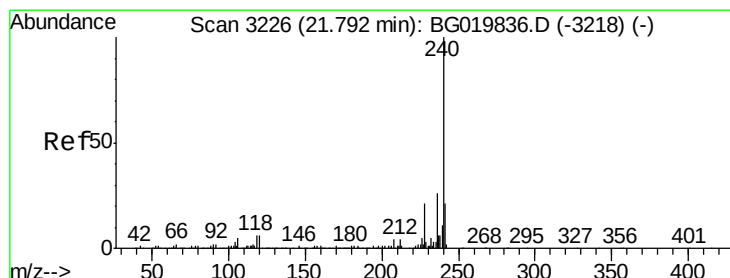
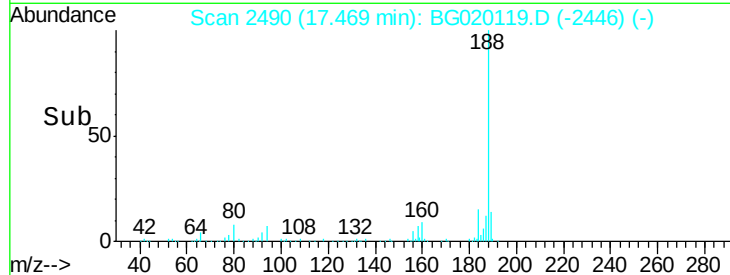
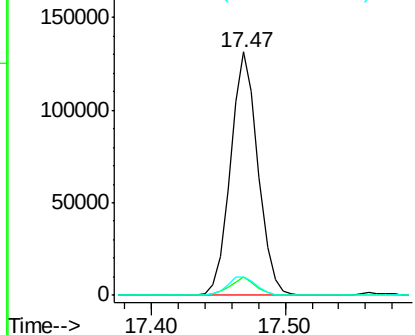
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2490
Delta R.T. -0.04 min
Lab File: BG020119.D
Acq: 11 Dec 2015 23:22

Instrument :
BNA_G
ClientSampleId :
PB87210BL

Tgt Ion:188 Resp: 188104
Ion Ratio Lower Upper
188 100
94 7.4 7.7 11.5#
80 7.7 7.8 11.8#

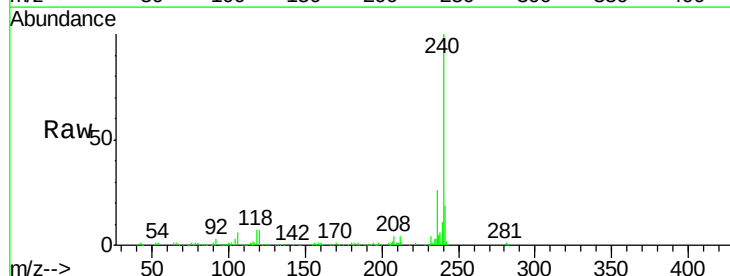


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

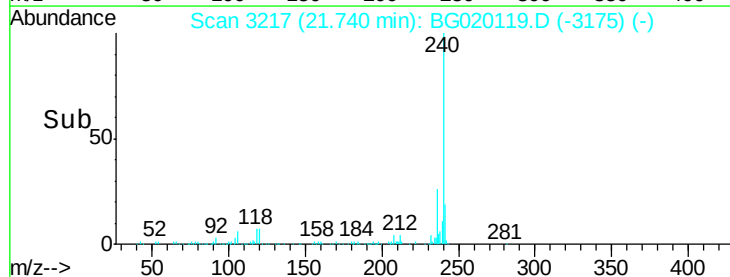
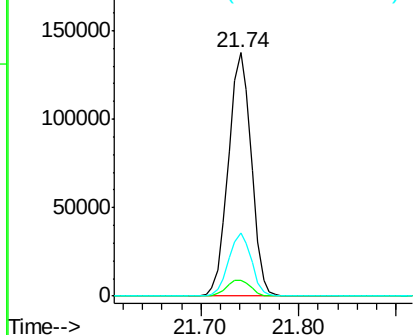


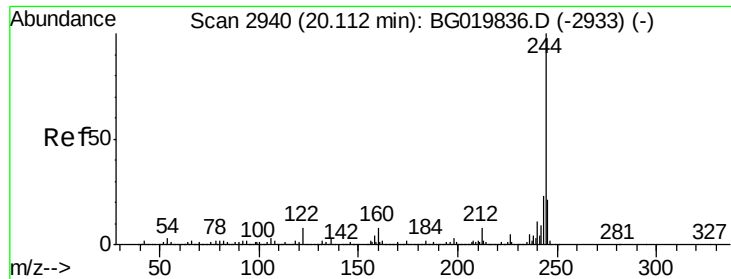
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.05 min
Lab File: BG020119.D
Acq: 11 Dec 2015 23:22

Tgt Ion:240 Resp: 224468
Ion Ratio Lower Upper
240 100
120 6.6 7.4 11.0#
236 25.7 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





#78

Terphenyl-d14

Concen: 72.26 ng

RT: 20.07 min Scan# 2933

Delta R.T. -0.04 min

Lab File: BG020119.D

Acq: 11 Dec 2015 23:22

Instrument :

BNA_G

ClientSampleId :

PB87210BL

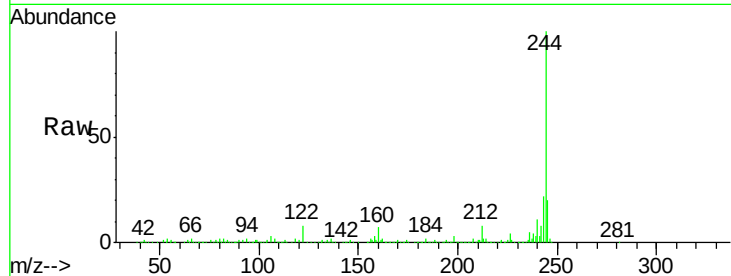
Tgt Ion:244 Resp: 664975

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

122 7.9 10.2 15.2#

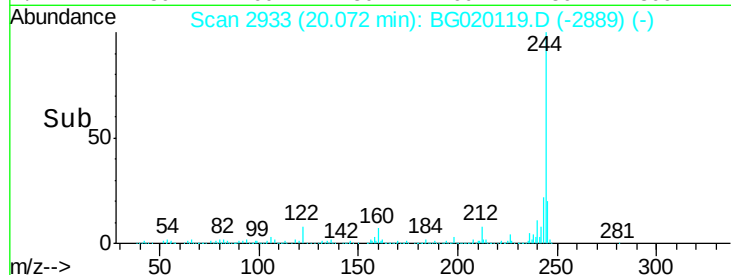


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

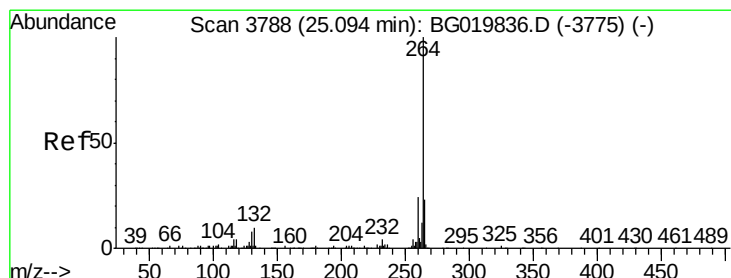
Ion 122.00 (121.70 to 122.70): E

Time-->



Abundance

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.01 min Scan# 3773

Delta R.T. -0.09 min

Lab File: BG020119.D

Acq: 11 Dec 2015 23:22

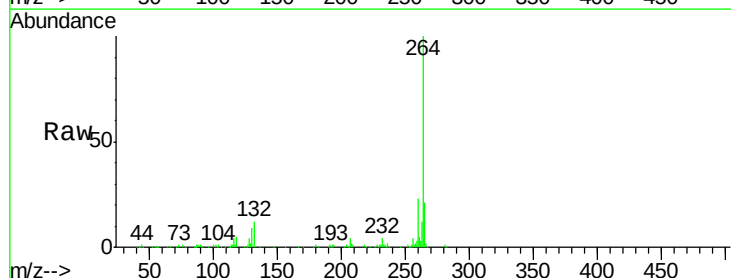
Tgt Ion:264 Resp: 207651

Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

265 20.8 17.2 25.8

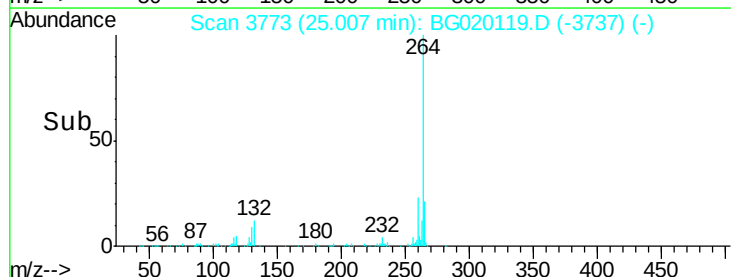


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Abundance

Time-->