

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121215\
 Data File : BG020132.D
 Acq On : 12 Dec 2015 7:50
 Operator : UM/SJ
 Sample : PB87240BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87240BL

Quant Time: Dec 14 00:59:26 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	18534	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	77193	20.00	ng	-0.04
38) Acenaphthene-d10	14.73	164	58751	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	161327	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	179129	20.00	ng	-0.05
86) Perylene-d12	25.00	264	165331	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	142129	138.60	ng	-0.02
7) Phenol-d6	7.25	99	204851	132.31	ng	-0.02
23) Nitrobenzene-d5	9.26	82	129277	85.47	ng	-0.04
41) 2,4,6-Tribromophenol	16.22	330	119126	132.52	ng	-0.03
44) 2-Fluorobiphenyl	13.35	172	339288	78.85	ng	-0.04
78) Terphenyl-d14	20.07	244	631783	86.03	ng	-0.04

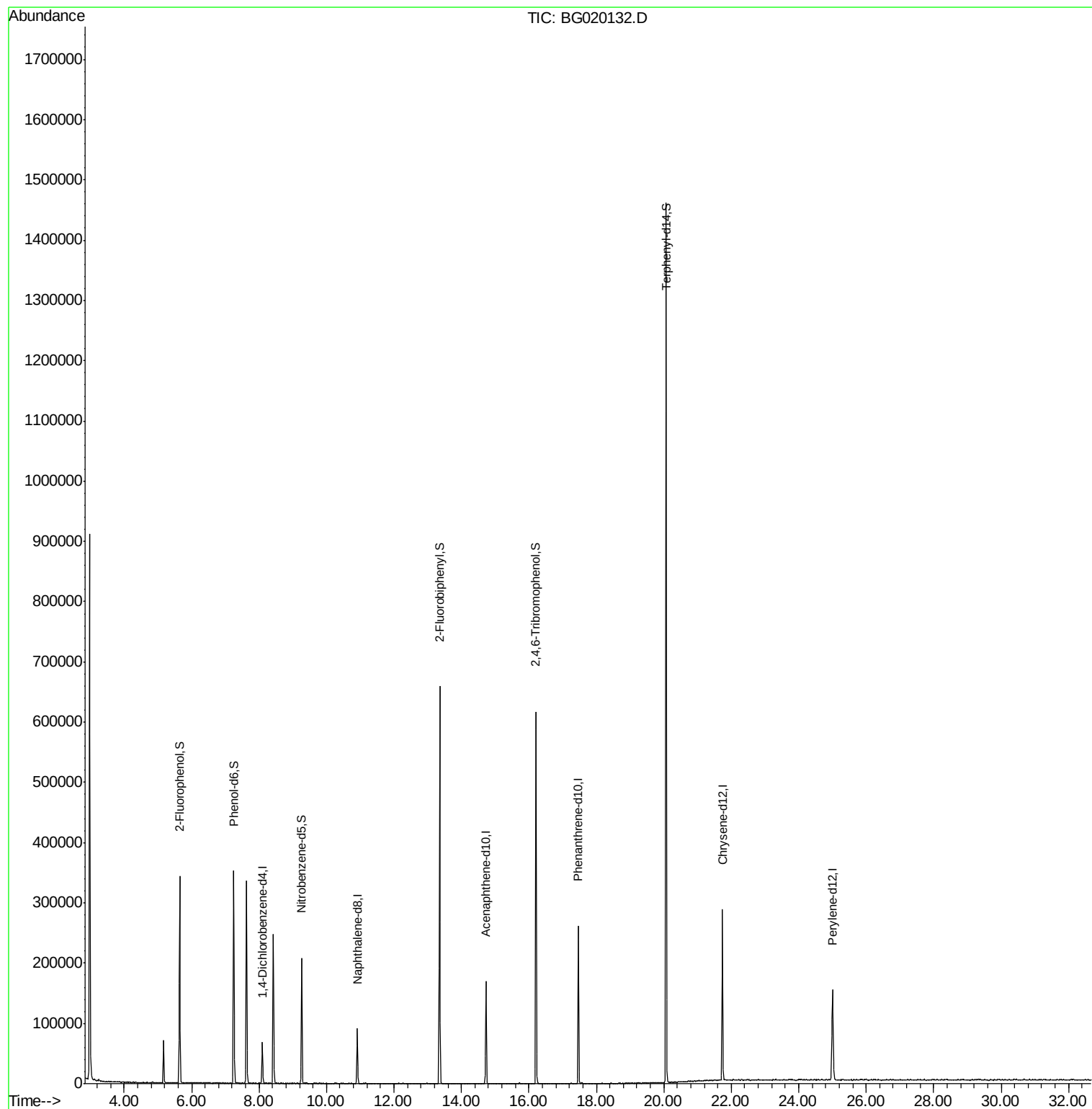
Target Compounds	Qvalue
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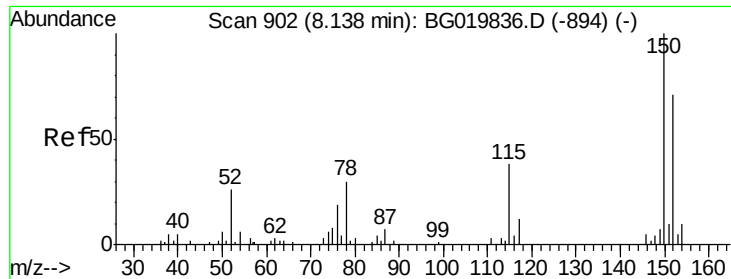
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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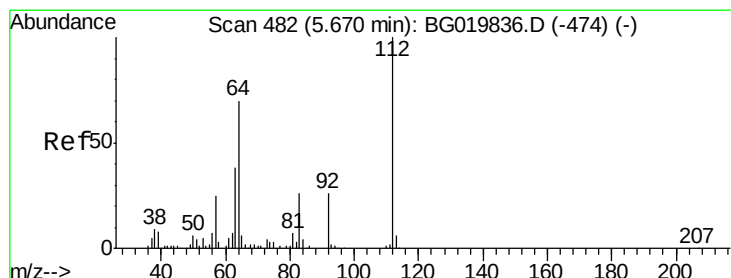
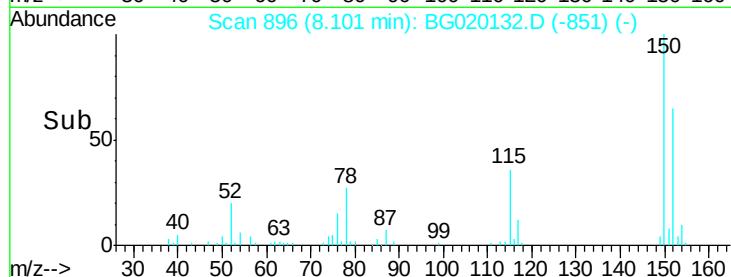
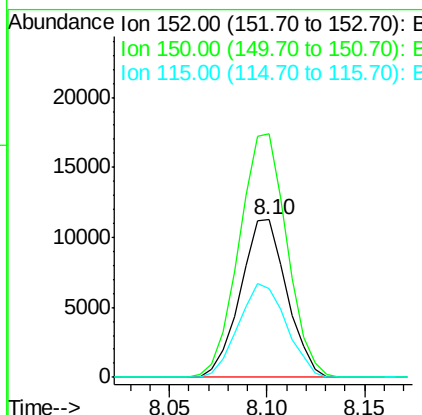
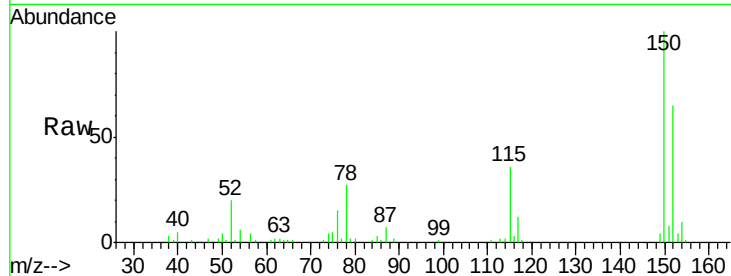




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.10 min Scan# 896
 Delta R.T. -0.04 min
 Lab File: BG020132.D
 Acq: 12 Dec 2015 7:50

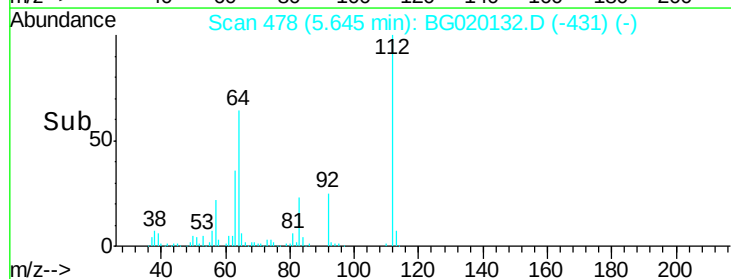
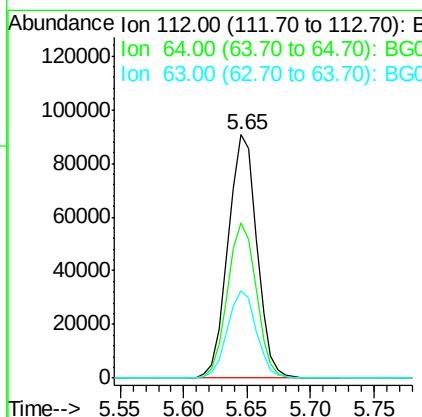
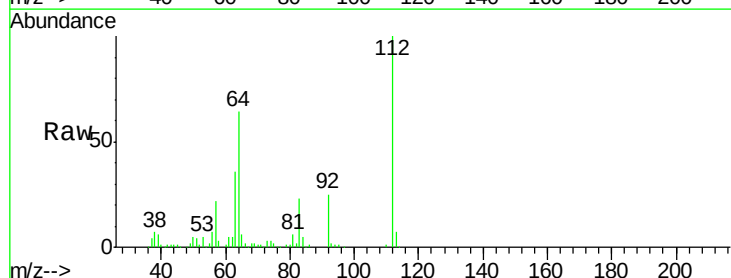
Instrument :
 BNA_G
 ClientSampleId :
 PB87240BL

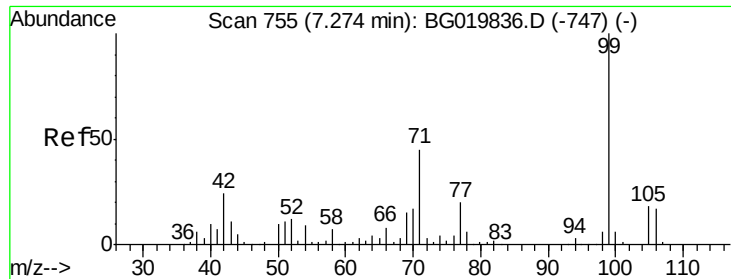
Tgt Ion:152 Resp: 18534
 Ion Ratio Lower Upper
 152 100
 150 154.7 115.0 172.4
 115 56.0 43.9 65.9



#5
 2-Fluorophenol
 Concen: 138.60 ng
 RT: 5.65 min Scan# 478
 Delta R.T. -0.02 min
 Lab File: BG020132.D
 Acq: 12 Dec 2015 7:50

Tgt Ion:112 Resp: 142129
 Ion Ratio Lower Upper
 112 100
 64 63.8 43.7 65.5
 63 35.8 24.0 36.0





#7

Phenol-d6

Concen: 132.31 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG020132.D

Acq: 12 Dec 2015 7:50

Instrument :

BNA_G

ClientSampleId :

PB87240BL

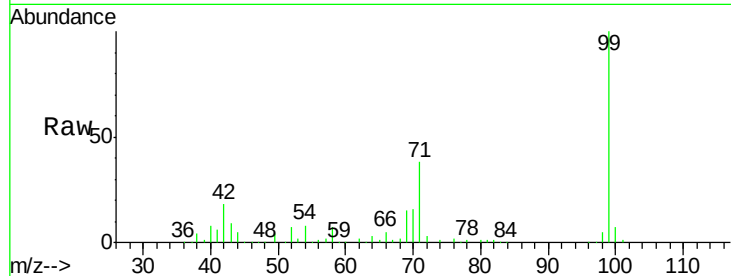
Tgt Ion: 99 Resp: 204851

Ion Ratio Lower Upper

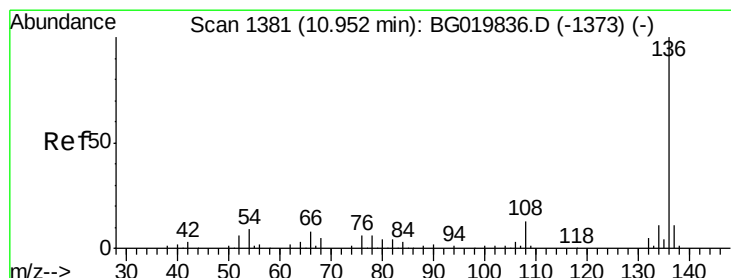
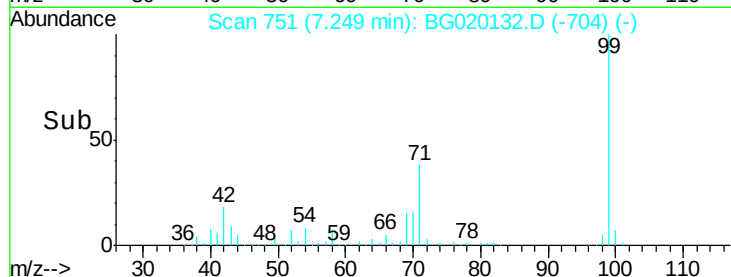
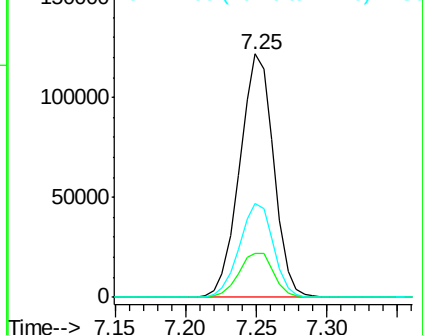
99 100

42 18.1 11.5 17.3#

71 38.5 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. -0.04 min

Lab File: BG020132.D

Acq: 12 Dec 2015 7:50

Tgt Ion: 136 Resp: 77193

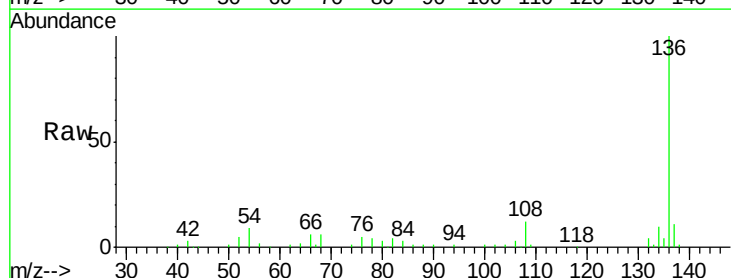
Ion Ratio Lower Upper

136 100

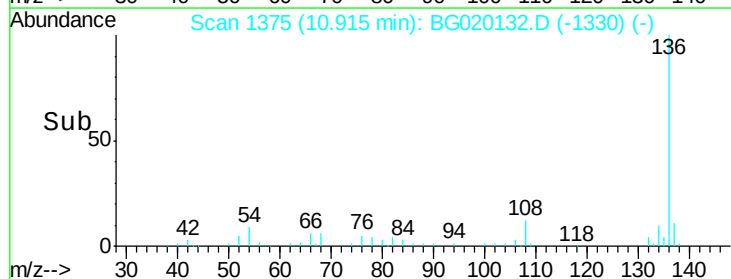
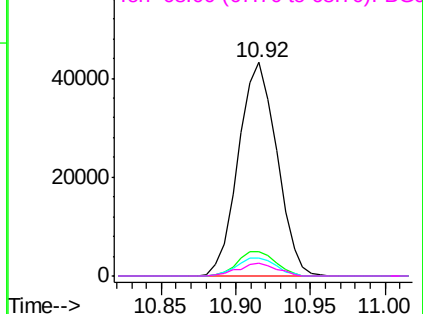
137 11.2 8.6 12.8

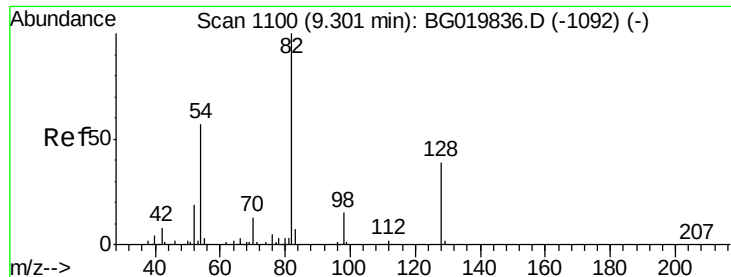
54 8.7 5.4 8.2#

68 6.1 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

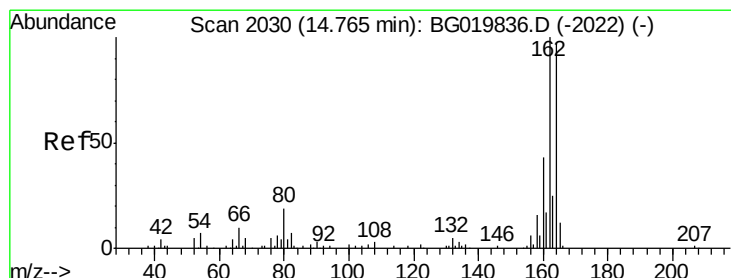
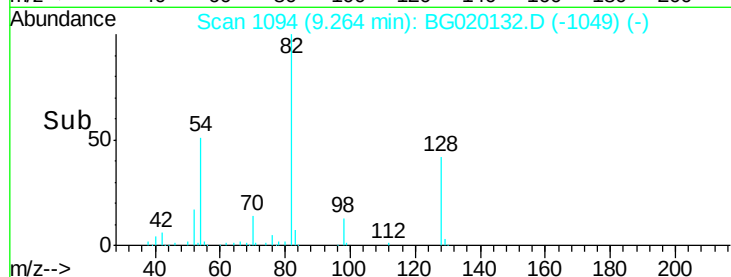
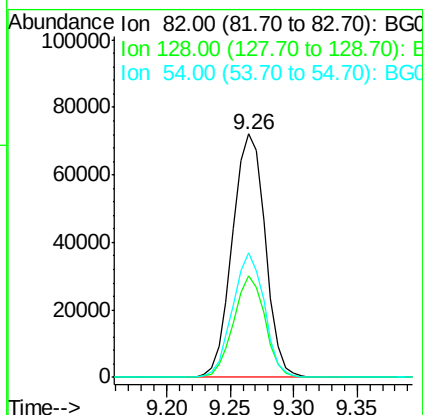
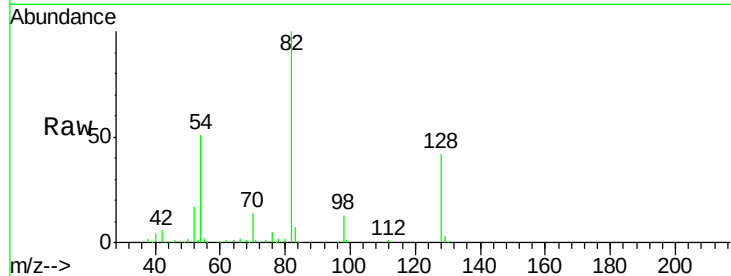




#23
Nitrobenzene-d5
Concen: 85.47 ng
RT: 9.26 min Scan# 1094
Delta R.T. -0.04 min
Lab File: BG020132.D
Acq: 12 Dec 2015 7:50

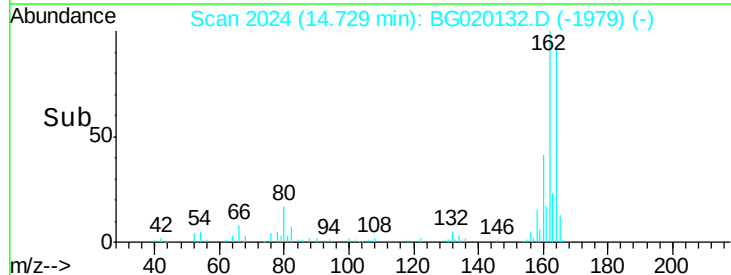
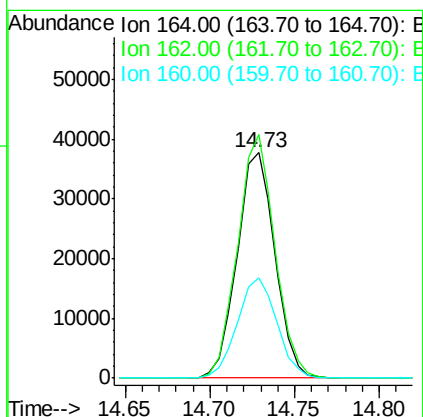
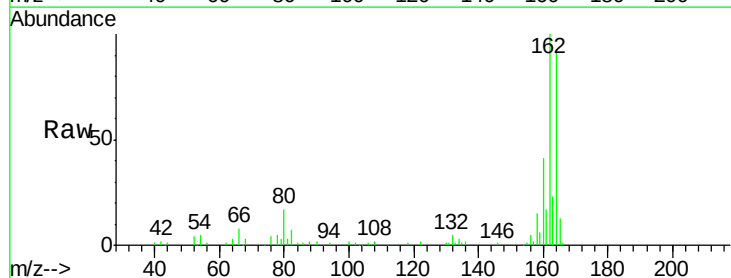
Instrument :
BNA_G
ClientSampleId :
PB87240BL

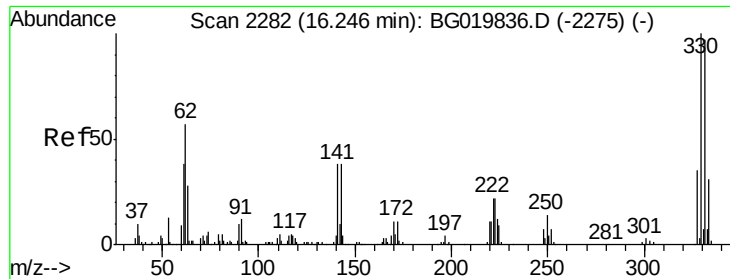
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.7	55.1
54	51.1	33.8	50.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.04 min
Lab File: BG020132.D
Acq: 12 Dec 2015 7:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.0	78.8	118.2
160	44.7	36.4	54.6

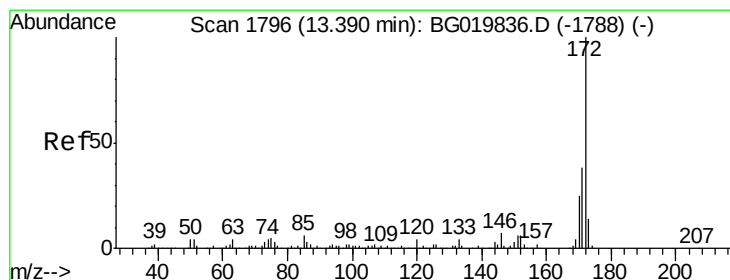
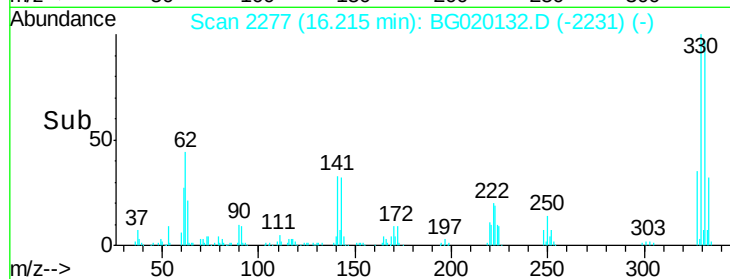
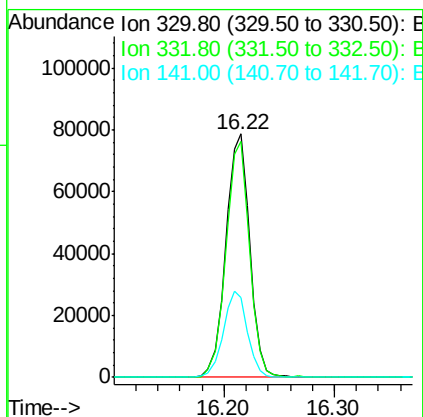
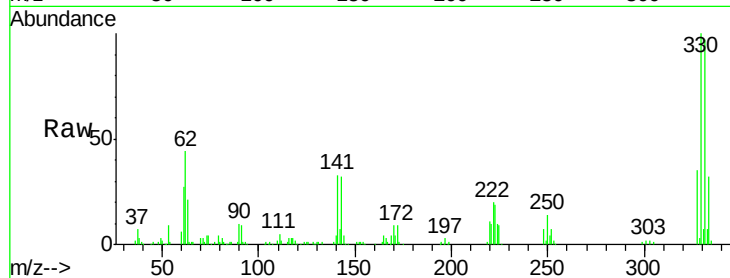




#41
 2,4,6-Tribromophenol
 Concen: 132.52 ng
 RT: 16.22 min Scan# 2277
 Delta R.T. -0.03 min
 Lab File: BG020132.D
 Acq: 12 Dec 2015 7:50

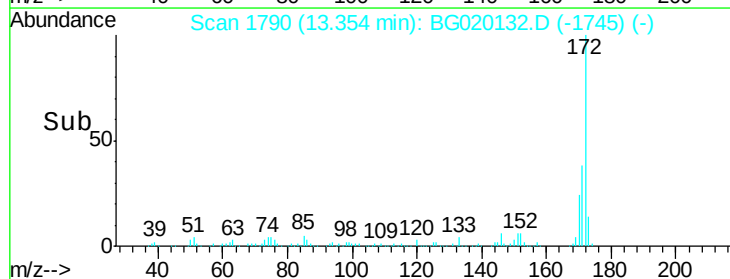
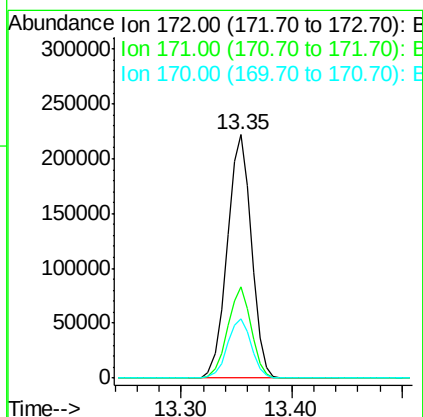
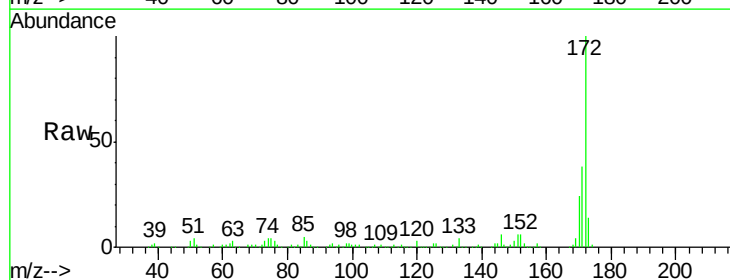
Instrument :
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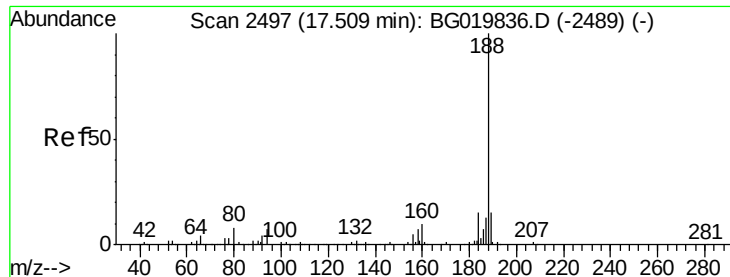
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.1	117.1
141	35.3	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 78.85 ng
 RT: 13.35 min Scan# 1790
 Delta R.T. -0.04 min
 Lab File: BG020132.D
 Acq: 12 Dec 2015 7:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.0	43.6
170	24.5	19.9	29.9

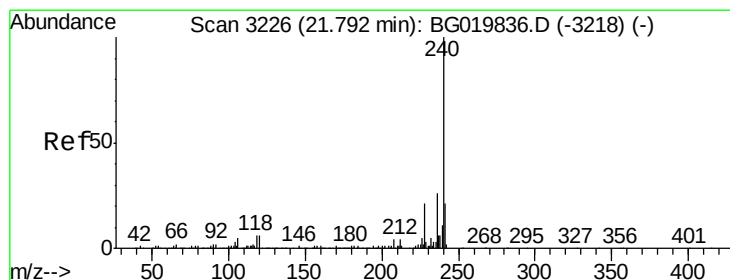
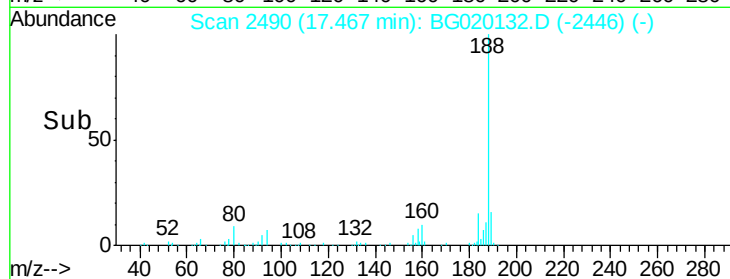
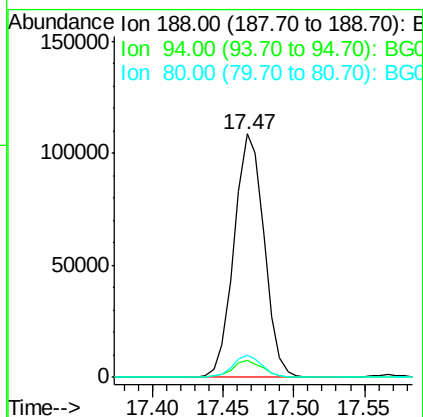
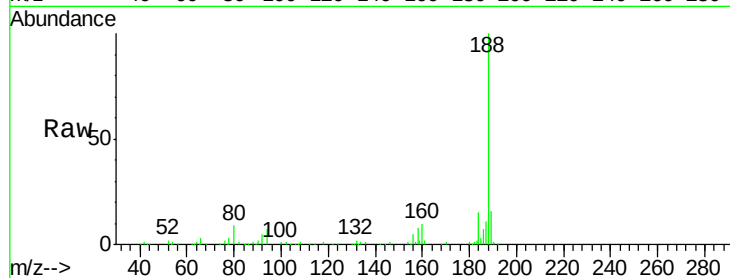




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2490
Delta R.T. -0.04 min
Lab File: BG020132.D
Acq: 12 Dec 2015 7:50

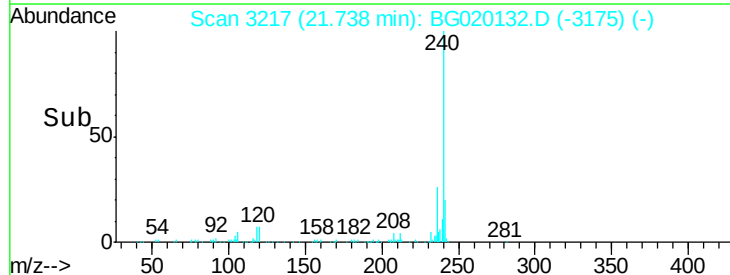
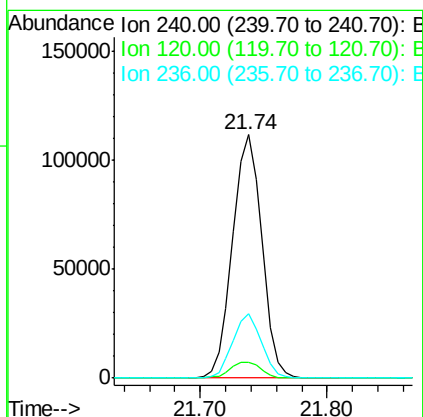
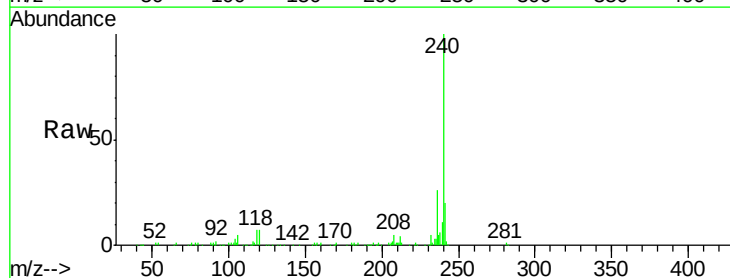
Instrument :
BNA_G
ClientSampleId :
PB87240BL

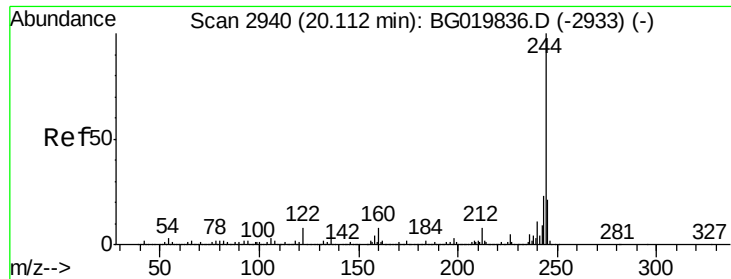
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.7	11.5#
80	9.1	7.8	11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.05 min
Lab File: BG020132.D
Acq: 12 Dec 2015 7:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.6	7.4	11.0#
236	26.5	20.7	31.1





#78

Terphenyl-d14

Concen: 86.03 ng

RT: 20.07 min Scan# 2933

Delta R.T. -0.04 min

Lab File: BG020132.D

Acq: 12 Dec 2015 7:50

Instrument :

BNA_G

ClientSampleId :

PB87240BL

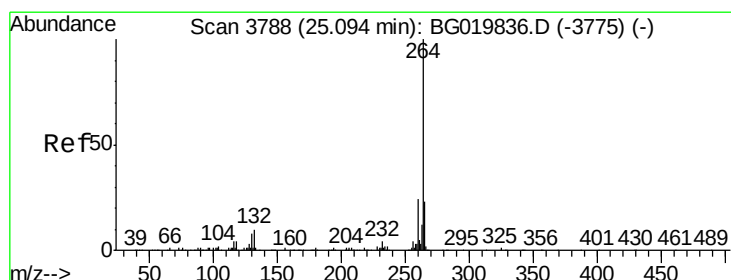
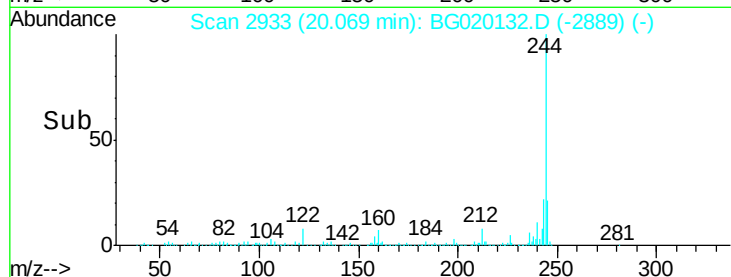
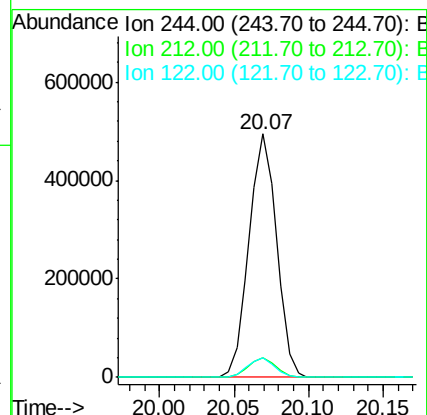
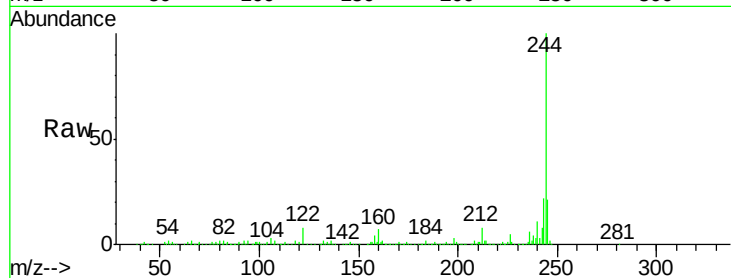
Tgt Ion:244 Resp: 631783

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

122 8.1 10.2 15.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.00 min Scan# 3772

Delta R.T. -0.10 min

Lab File: BG020132.D

Acq: 12 Dec 2015 7:50

Tgt Ion:264 Resp: 165331

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.6 17.2 25.8

