

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121115\
 Data File : BG020081.D
 Acq On : 10 Dec 2015 18:35
 Operator : UM/SJ
 Sample : G4683-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S30-15

Quant Time: Dec 11 04:47:35 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

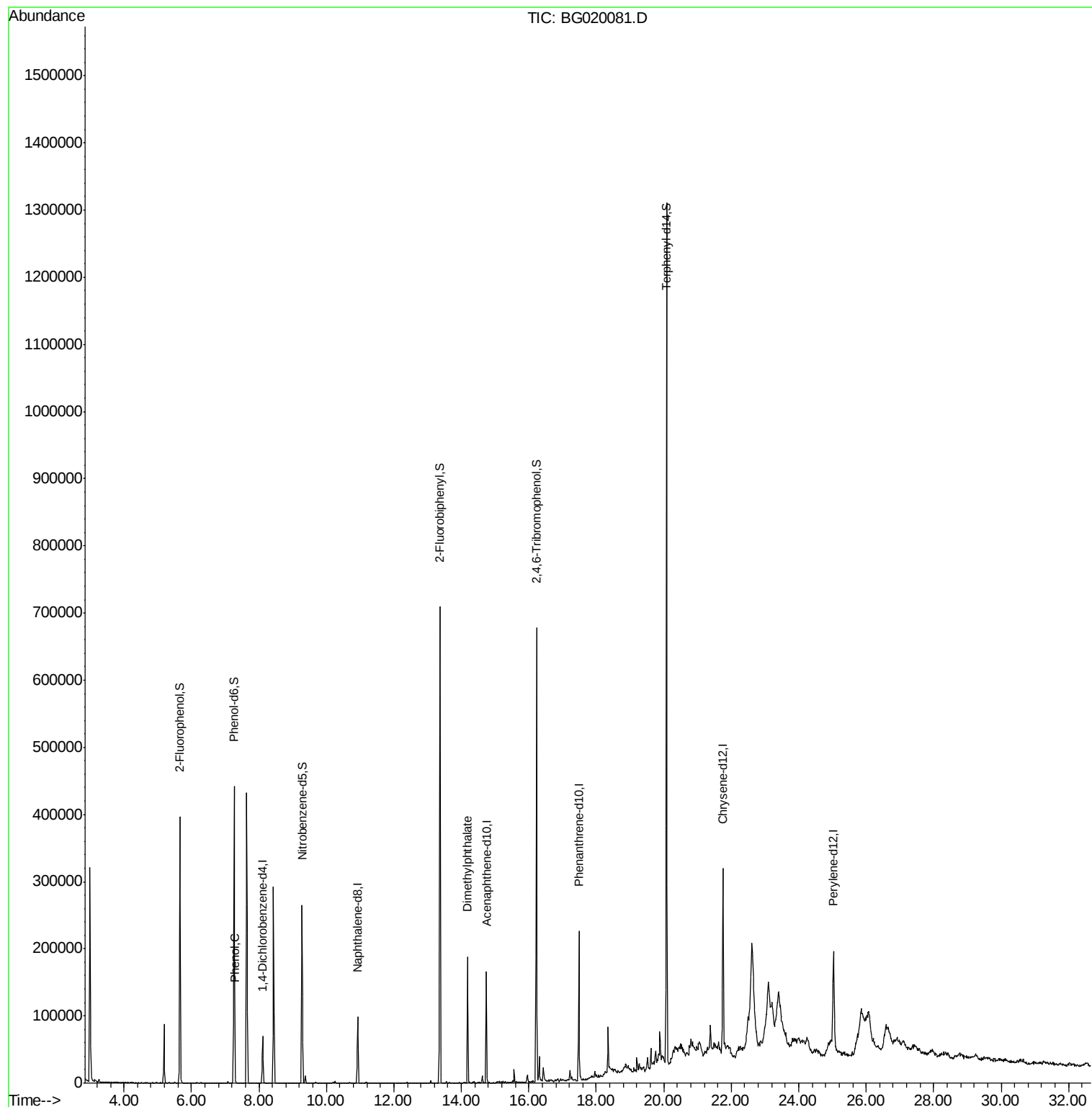
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18980	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	83736	20.00	ng	-0.03
38) Acenaphthene-d10	14.74	164	56058	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	139214	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	171132	20.00	ng	-0.04
86) Perylene-d12	25.03	264	161279	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	170560	162.41	ng	0.00
7) Phenol-d6	7.26	99	255374	161.06	ng	0.00
23) Nitrobenzene-d5	9.28	82	166555	101.51	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	128362	149.65	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	356117	86.74	ng	-0.03
78) Terphenyl-d14	20.08	244	587723	83.77	ng	-0.03
Target Compounds						
10) Phenol	7.29	94	4211	2.52	ng	Qvalue # 66
49) Dimethylphthalate	14.19	163	124400	24.67	ng	97

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

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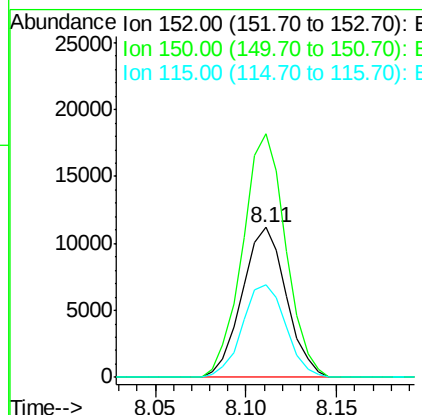
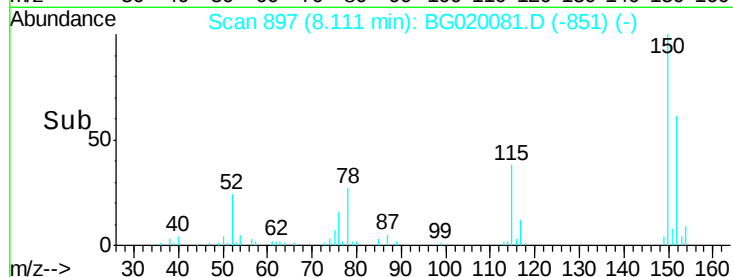
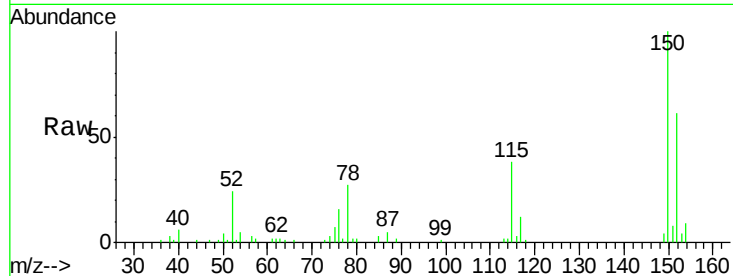




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 897
 Delta R.T. -0.03 min
 Lab File: BG020081.D
 Acq: 10 Dec 2015 18:35

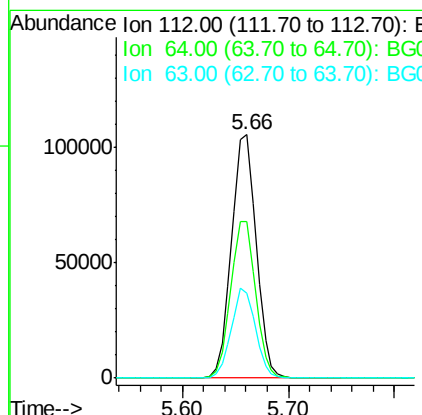
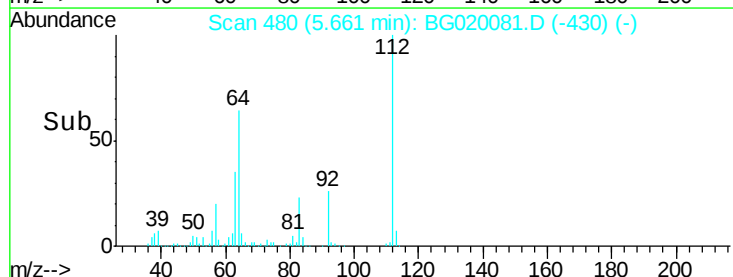
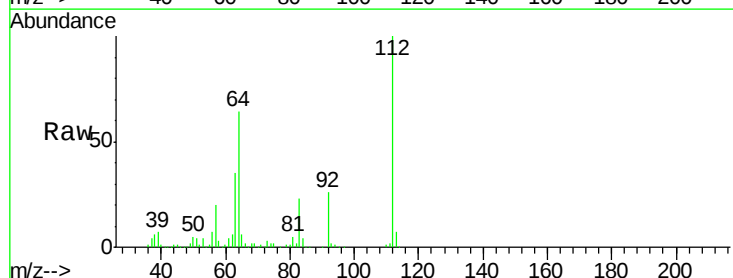
Instrument :
 BNA_F
 ClientSampleId :
 S30-15

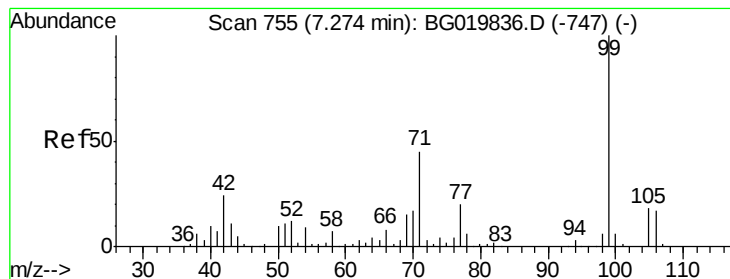
Tgt Ion:152 Resp: 18980
 Ion Ratio Lower Upper
 152 100
 150 162.6 115.0 172.4
 115 61.9 43.9 65.9



#5
 2-Fluorophenol
 Concen: 162.41 ng
 RT: 5.66 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BG020081.D
 Acq: 10 Dec 2015 18:35

Tgt Ion:112 Resp: 170560
 Ion Ratio Lower Upper
 112 100
 64 64.3 43.7 65.5
 63 34.7 24.0 36.0





#7

Phenol-d6

Concen: 161.06 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020081.D

Acq: 10 Dec 2015 18:35

Instrument :

BNA_F

ClientSampleId :

S30-15

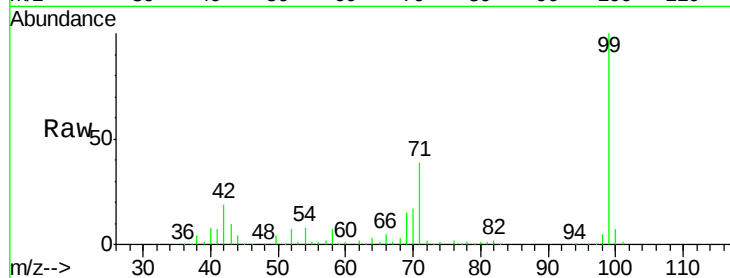
Tgt Ion: 99 Resp: 255374

Ion Ratio Lower Upper

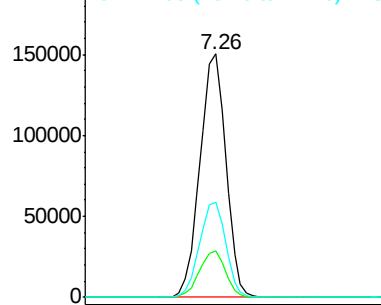
99 100

42 19.1 11.5 17.3#

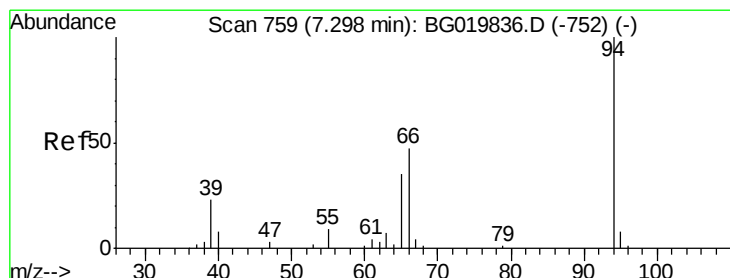
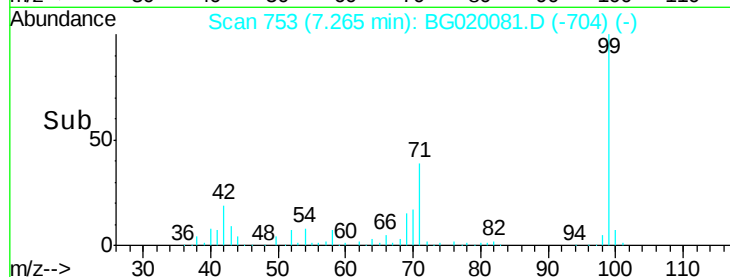
71 38.9 22.6 34.0#



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



Time-->



#10

Phenol

Concen: 2.52 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG020081.D

Acq: 10 Dec 2015 18:35

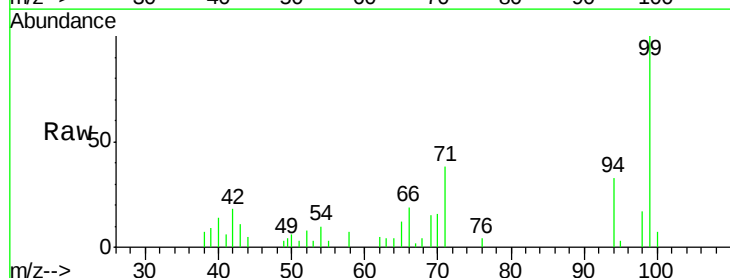
Tgt Ion: 94 Resp: 4211

Ion Ratio Lower Upper

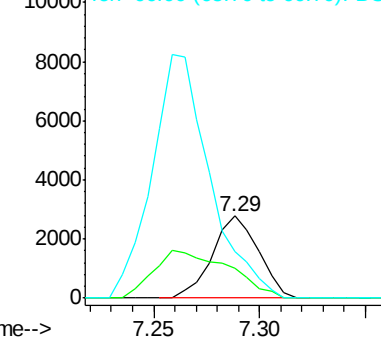
94 100

65 35.7 5.4 45.4

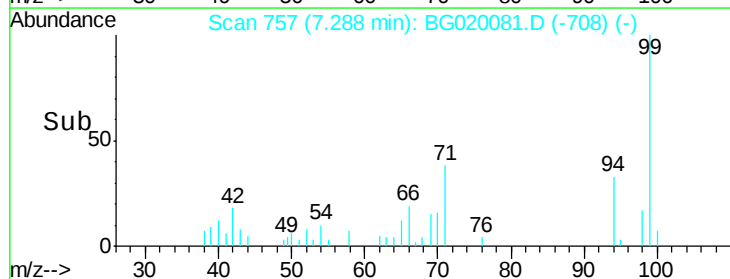
66 56.4 11.8 51.8#

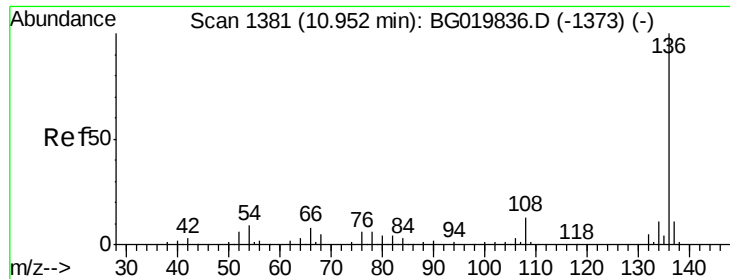


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



Time-->

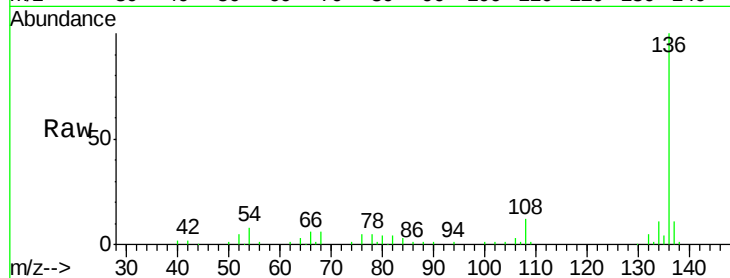




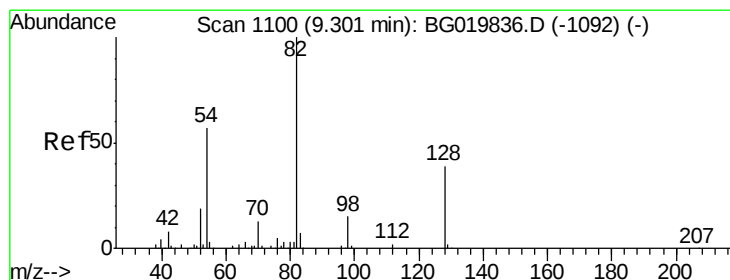
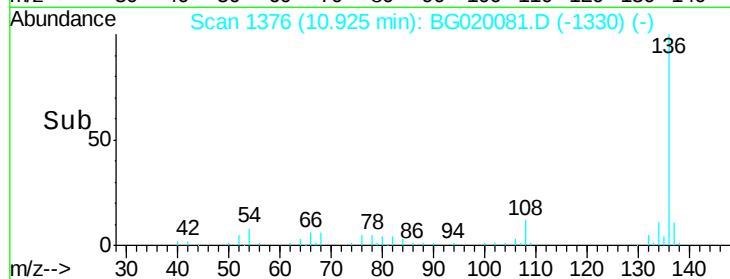
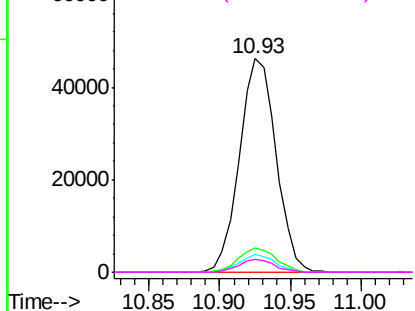
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1376
Delta R.T. -0.03 min
Lab File: BG020081.D
Acq: 10 Dec 2015 18:35

Instrument :
BNA_F
ClientSampleId :
S30-15

Tgt Ion:	136	Resp:	83736
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	8.4	5.4	8.2#
68	5.8	5.3	7.9

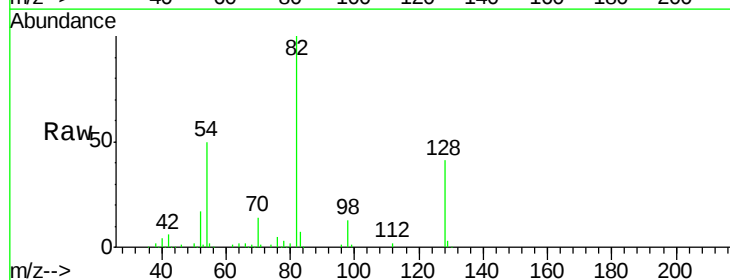


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

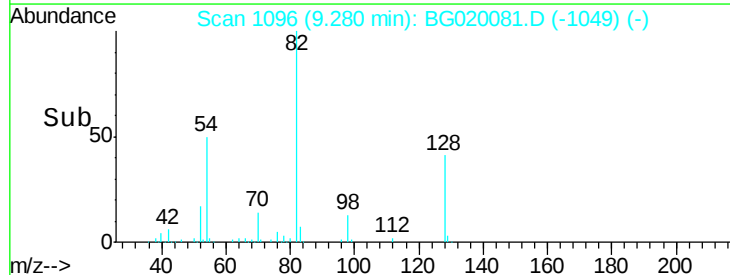
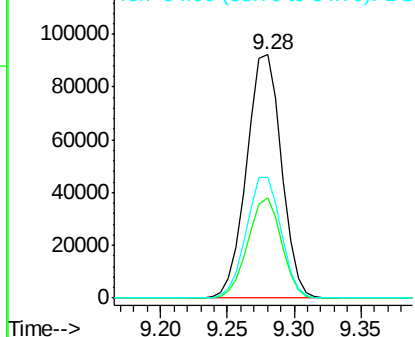


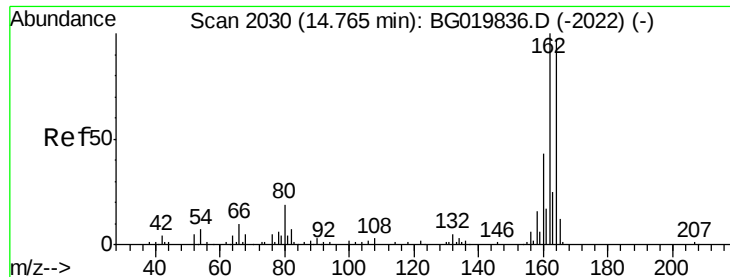
#23
Nitrobenzene-d5
Concen: 101.51 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020081.D
Acq: 10 Dec 2015 18:35

Tgt Ion:	82	Resp:	166555
Ion	Ratio	Lower	Upper
82	100		
128	41.4	36.7	55.1
54	49.8	33.8	50.8



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2025

Delta R.T. -0.03 min

Lab File: BG020081.D

Acq: 10 Dec 2015 18:35

Instrument :

BNA_F

ClientSampled :

S30-15

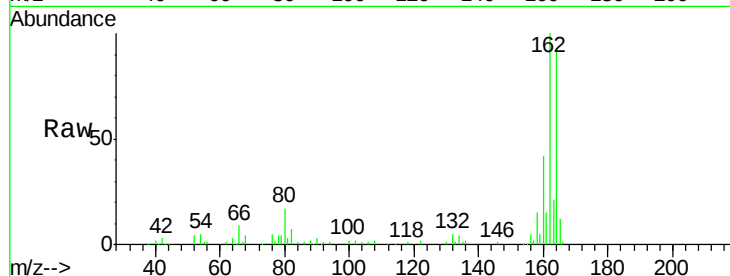
Tgt Ion:164 Resp: 56058

Ion Ratio Lower Upper

164 100

162 107.6 78.8 118.2

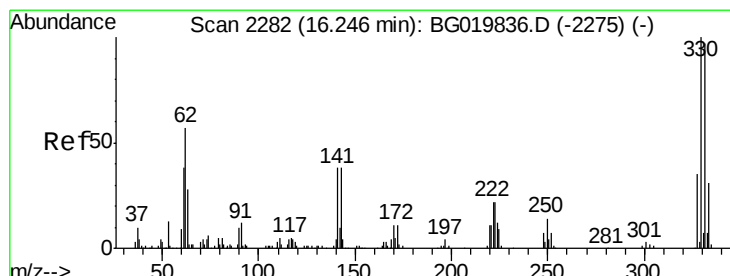
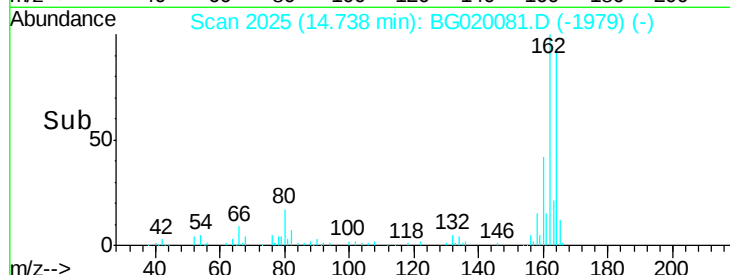
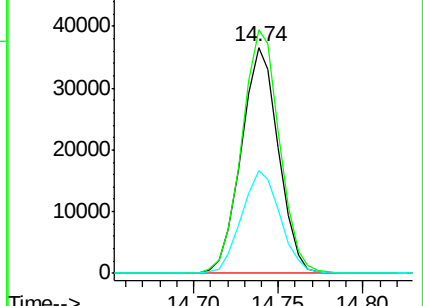
160 45.6 36.4 54.6



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: 149.65 ng

RT: 16.22 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BG020081.D

Acq: 10 Dec 2015 18:35

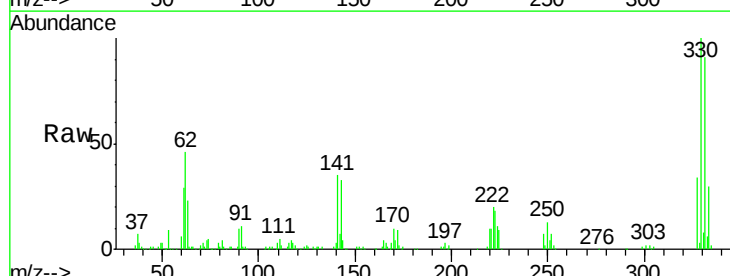
Tgt Ion:330 Resp: 128362

Ion Ratio Lower Upper

330 100

332 94.6 78.1 117.1

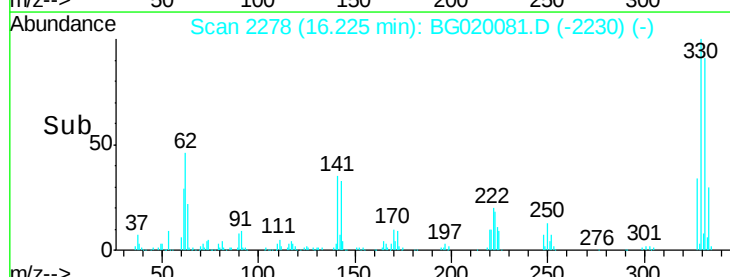
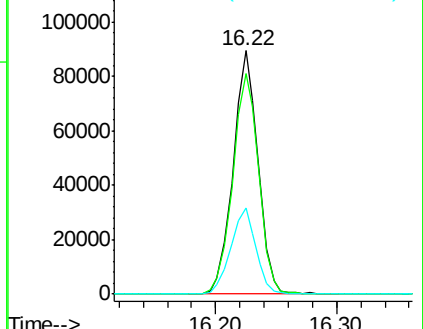
141 35.6 28.2 42.2

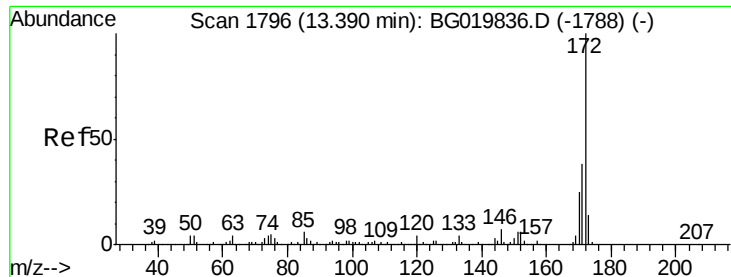


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

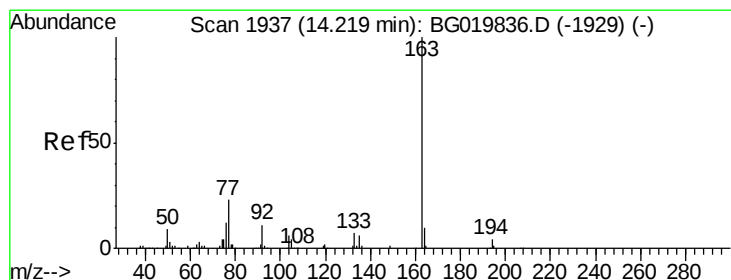
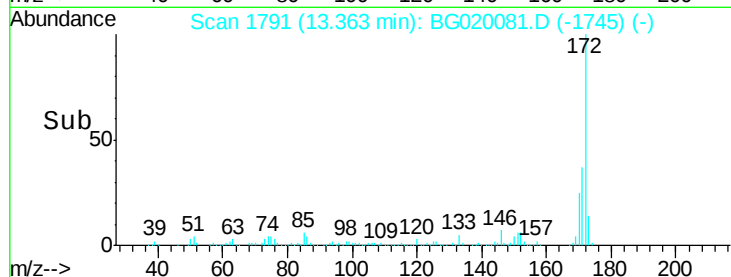
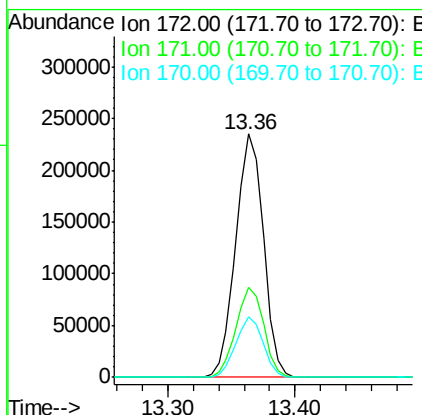
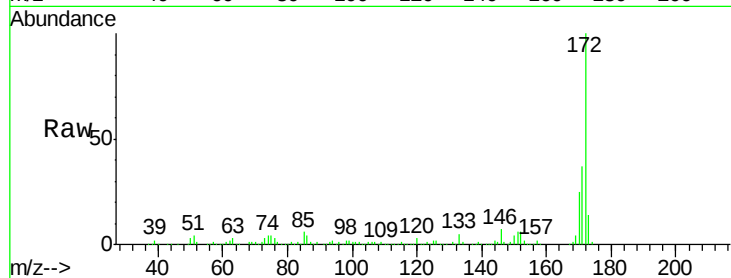




#44
2-Fluorobiphenyl
Concen: 86.74 ng
RT: 13.36 min Scan# 1791
Delta R.T. -0.03 min
Lab File: BG020081.D
Acq: 10 Dec 2015 18:35

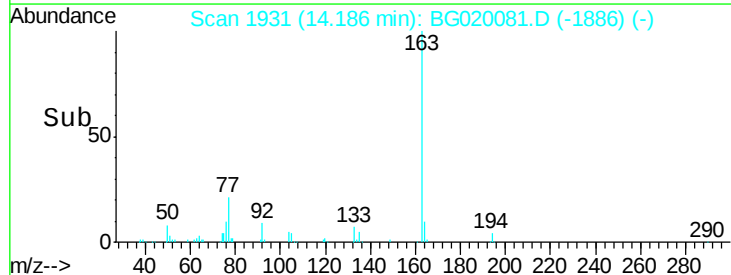
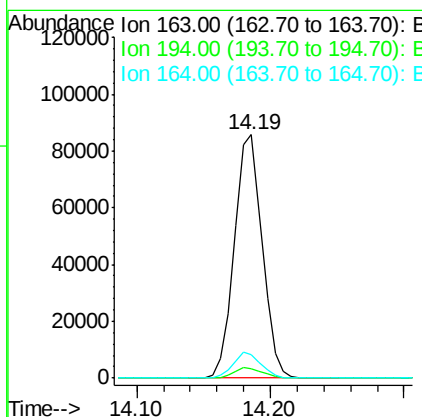
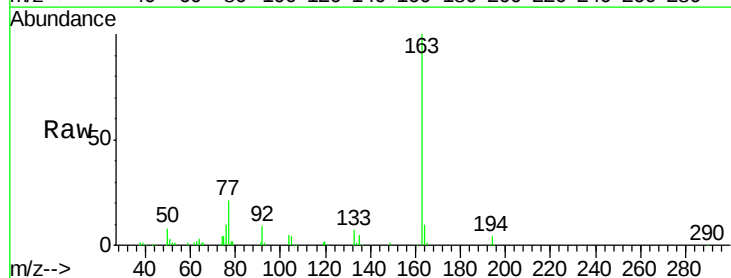
Instrument :
BNA_F
ClientSampleId :
S30-15

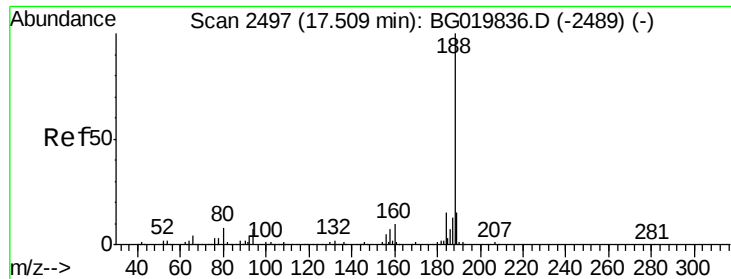
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	24.7	19.9	29.9



#49
Dimethylphthalate
Concen: 24.67 ng
RT: 14.19 min Scan# 1931
Delta R.T. -0.03 min
Lab File: BG020081.D
Acq: 10 Dec 2015 18:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	9.7	8.8	13.2

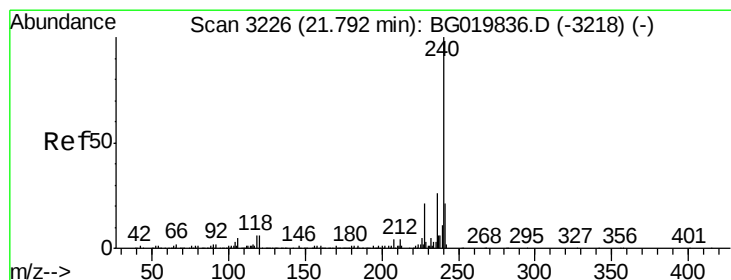
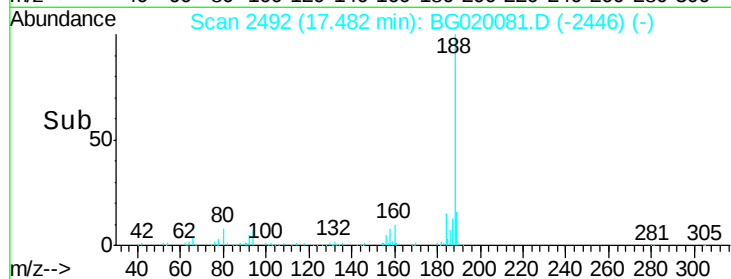
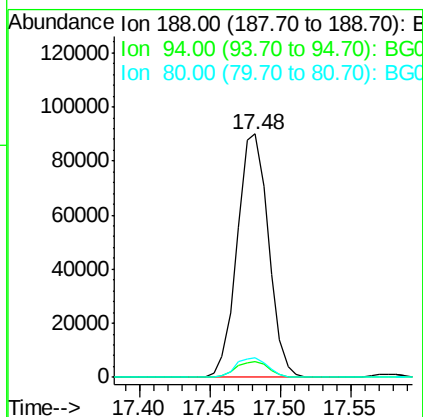
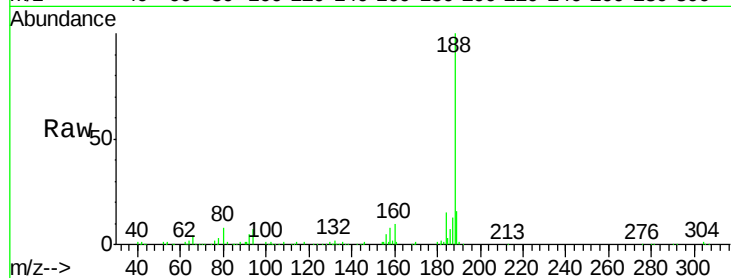




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020081.D
Acq: 10 Dec 2015 18:35

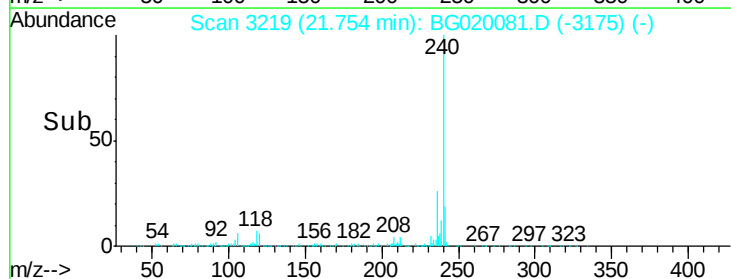
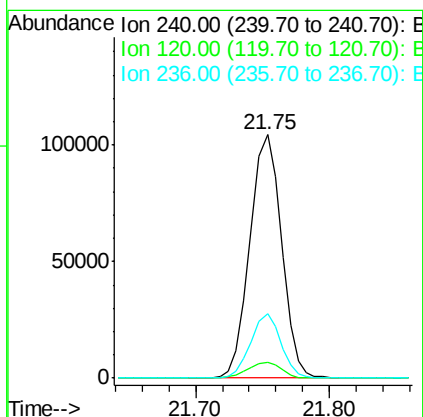
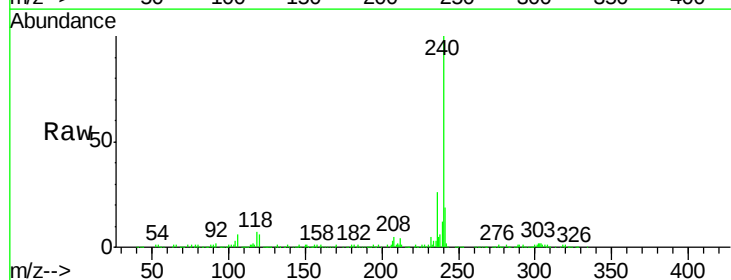
Instrument :
BNA_F
ClientSampleId :
S30-15

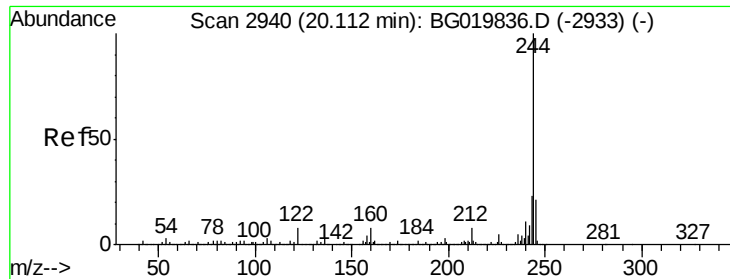
Tgt Ion:188 Resp: 139214
Ion Ratio Lower Upper
188 100
94 6.6 7.7 11.5#
80 8.2 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020081.D
Acq: 10 Dec 2015 18:35

Tgt Ion:240 Resp: 171132
Ion Ratio Lower Upper
240 100
120 6.5 7.4 11.0#
236 26.4 20.7 31.1





#78

Terphenyl-d14

Concen: 83.77 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020081.D

Acq: 10 Dec 2015 18:35

Instrument :

BNA_F

ClientSampled :

S30-15

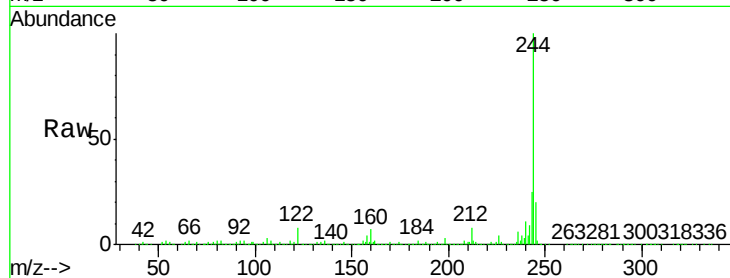
Tgt Ion:244 Resp: 587723

Ion Ratio Lower Upper

244 100

212 7.7 6.9 10.3

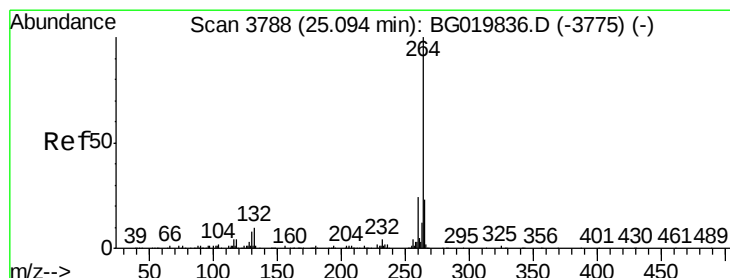
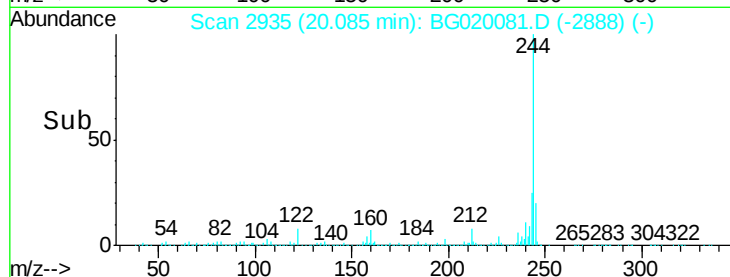
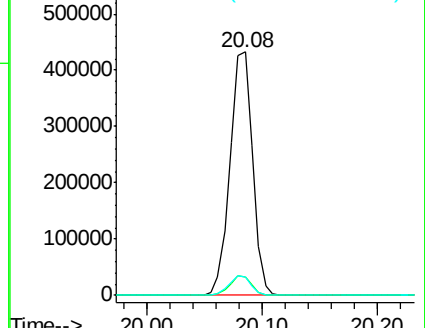
122 7.5 10.2 15.2#



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: BG020081.D

Acq: 10 Dec 2015 18:35

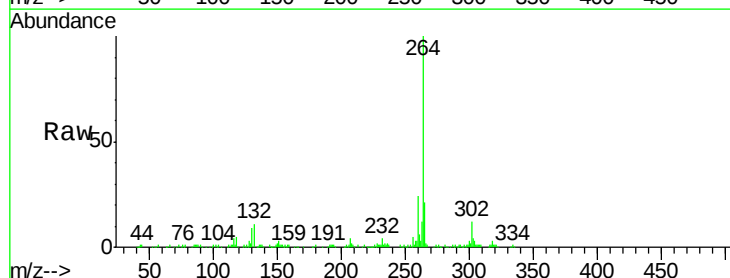
Tgt Ion:264 Resp: 161279

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 21.5 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

