

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120815\
 Data File : BG020018.D
 Acq On : 8 Dec 2015 15:05
 Operator : UM/SJ
 Sample : G4684-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-5

Quant Time: Dec 09 04:04:08 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

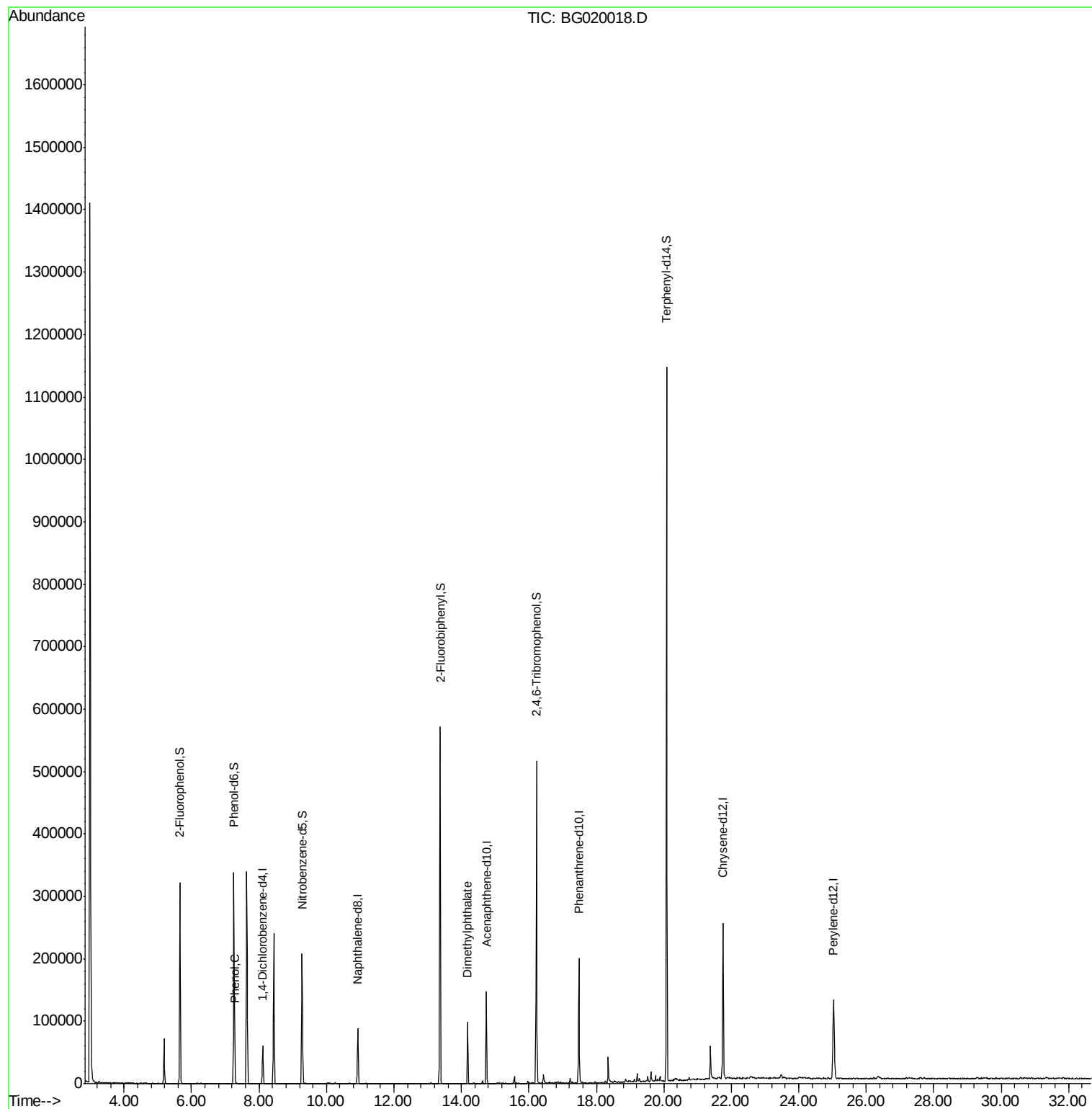
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	17050	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	73376	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	51177	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	125056	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	156450	20.00	ng	-0.04
86) Perylene-d12	25.03	264	146659	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	134051	142.10	ng	0.00
7) Phenol-d6	7.26	99	195818	137.48	ng	-0.02
23) Nitrobenzene-d5	9.28	82	128499	89.38	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	97312	124.27	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	296921	79.22	ng	-0.02
78) Terphenyl-d14	20.08	244	501421	78.18	ng	-0.03
Target Compounds						
10) Phenol	7.29	94	3298	2.20	ng	Qvalue # 57
49) Dimethylphthalate	14.19	163	63858	13.87	ng	99

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

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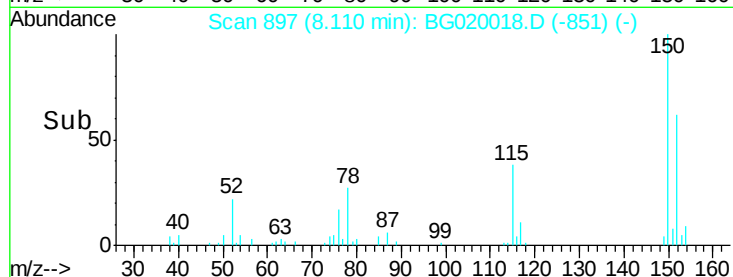
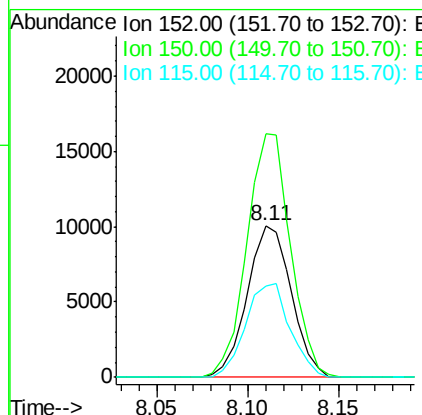
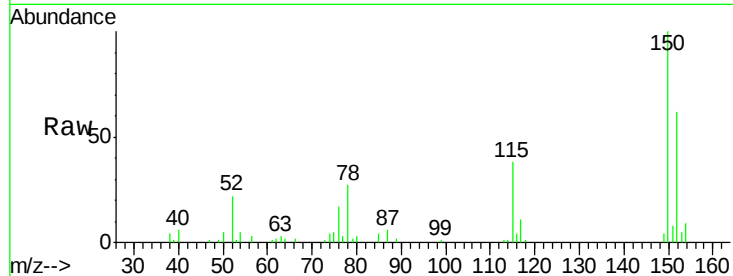




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 897
 Delta R.T. -0.03 min
 Lab File: BG020018.D
 Acq: 8 Dec 2015 15:05

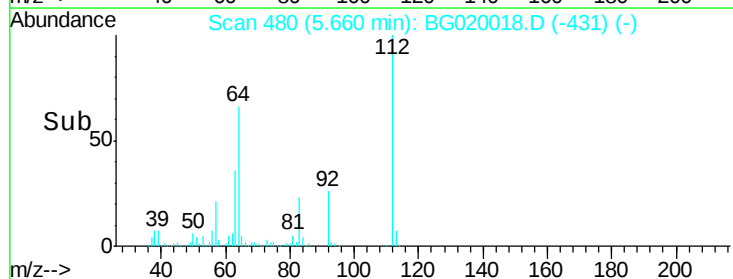
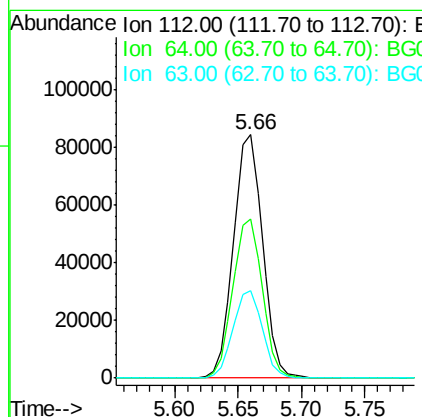
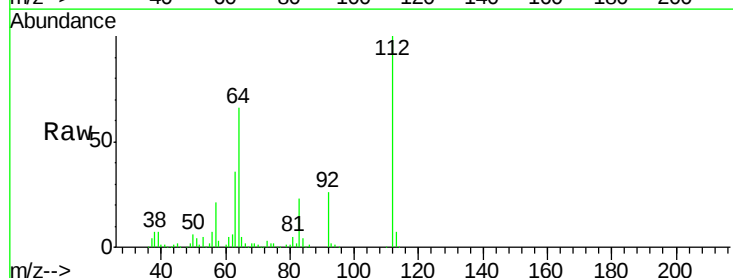
Instrument :
 BNA_F
 ClientSampleId :
 UST-5

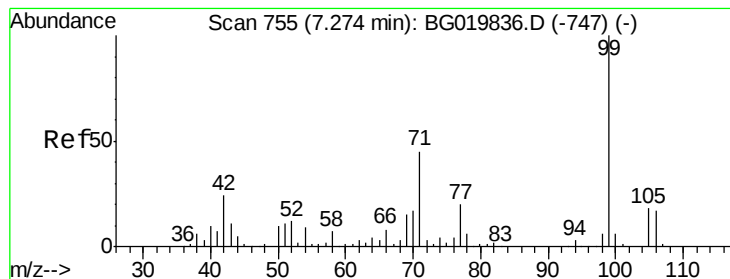
Tgt Ion:152 Resp: 17050
 Ion Ratio Lower Upper
 152 100
 150 160.6 115.0 172.4
 115 60.5 43.9 65.9



#5
 2-Fluorophenol
 Concen: 142.10 ng
 RT: 5.66 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BG020018.D
 Acq: 8 Dec 2015 15:05

Tgt Ion:112 Resp: 134051
 Ion Ratio Lower Upper
 112 100
 64 65.6 43.7 65.5#
 63 35.8 24.0 36.0





#7

Phenol-d6

Concen: 137.48 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020018.D

Acq: 8 Dec 2015 15:05

Instrument :

BNA_F

ClientSampleId :

UST-5

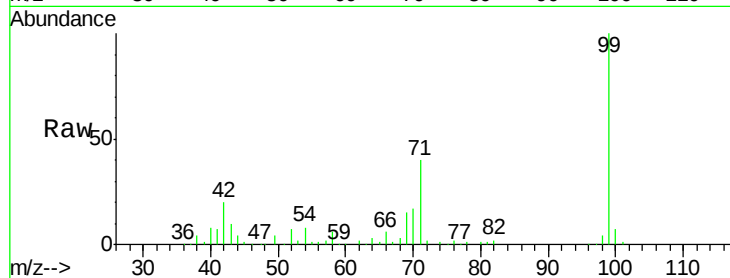
Tgt Ion: 99 Resp: 195818

Ion Ratio Lower Upper

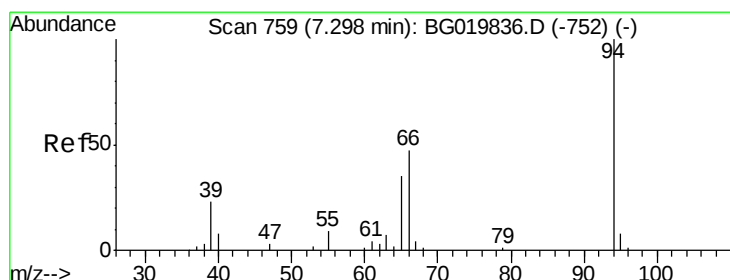
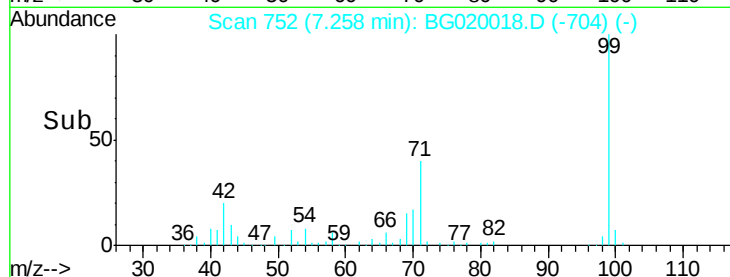
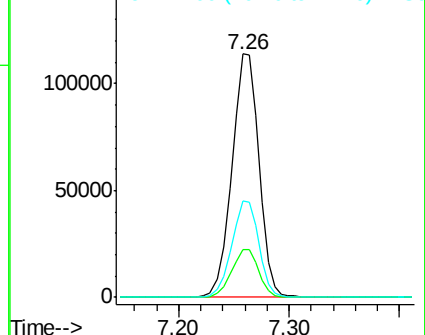
99 100

42 19.8 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



#10

Phenol

Concen: 2.20 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG020018.D

Acq: 8 Dec 2015 15:05

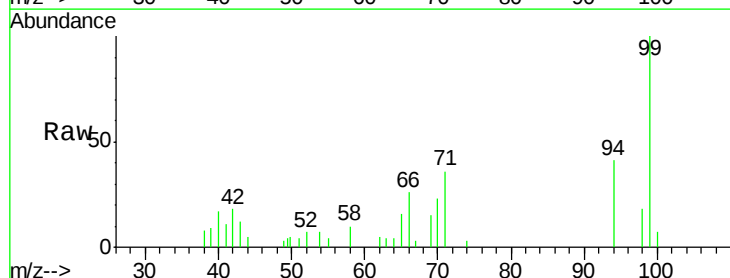
Tgt Ion: 94 Resp: 3298

Ion Ratio Lower Upper

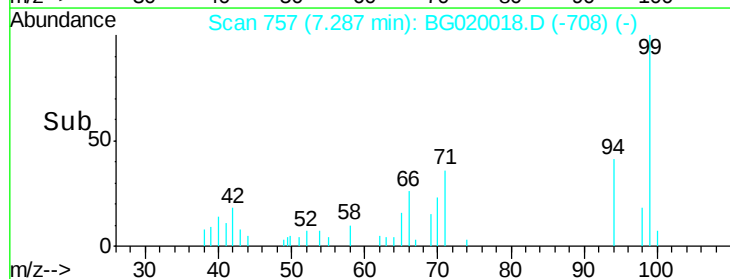
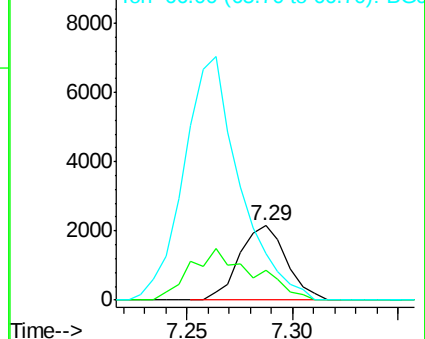
94 100

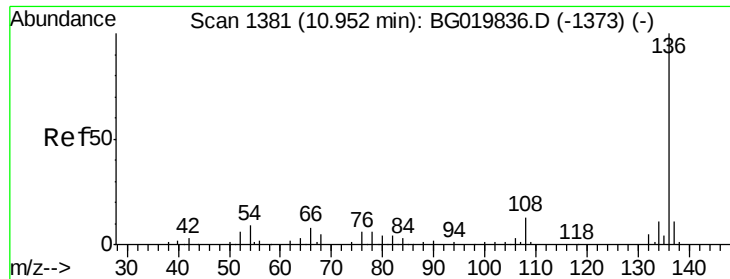
65 39.5 5.4 45.4

66 62.6 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

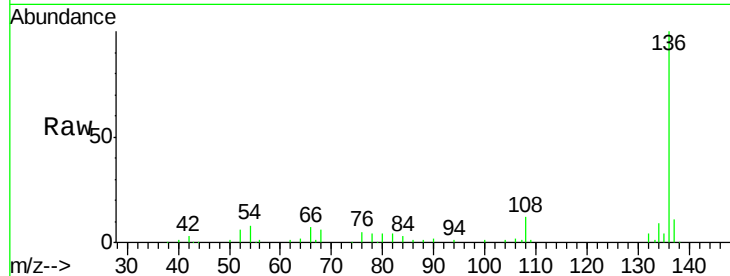




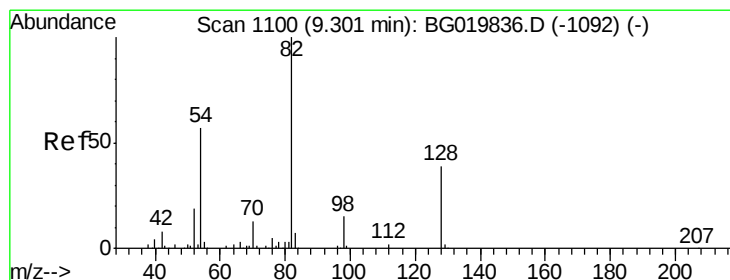
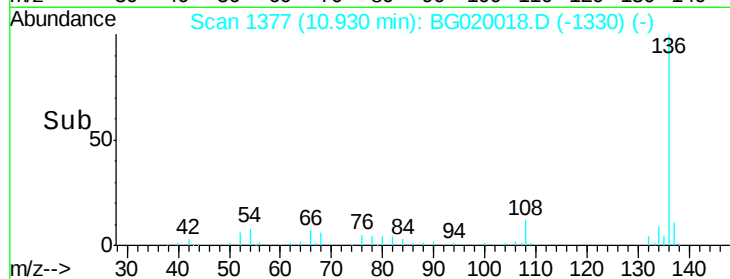
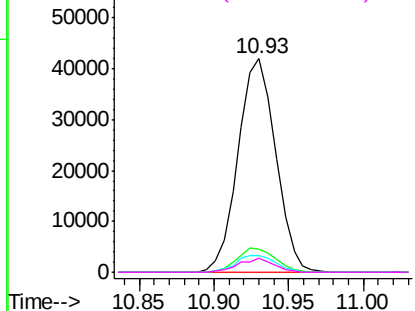
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Instrument :
BNA_F
ClientSampleId :
UST-5

Tgt Ion:	136	Resp:	73376
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	7.7	5.4	8.2
68	6.4	5.3	7.9

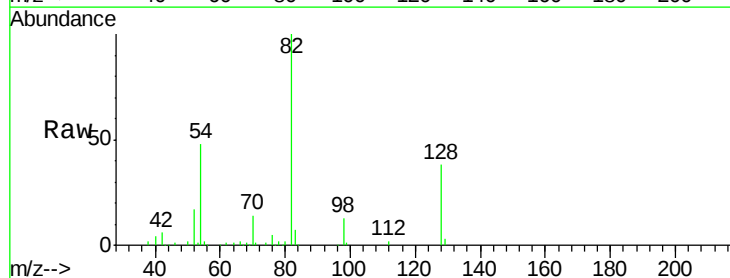


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

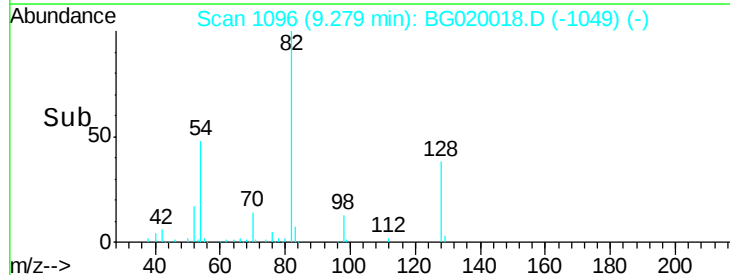
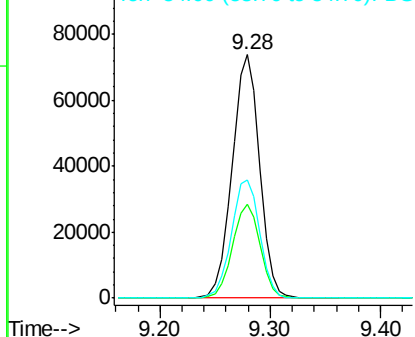


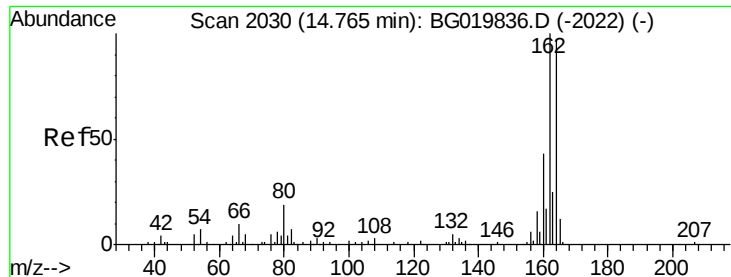
#23
Nitrobenzene-d5
Concen: 89.38 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Tgt Ion:	82	Resp:	128499
Ion	Ratio	Lower	Upper
82	100		
128	38.3	36.7	55.1
54	48.4	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2025

Delta R.T. -0.03 min

Lab File: BG020018.D

Acq: 8 Dec 2015 15:05

Instrument :

BNA_F

ClientSampleId :

UST-5

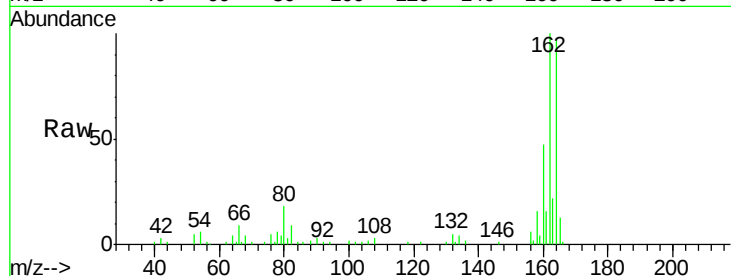
Tgt Ion:164 Resp: 51177

Ion Ratio Lower Upper

164 100

162 102.8 78.8 118.2

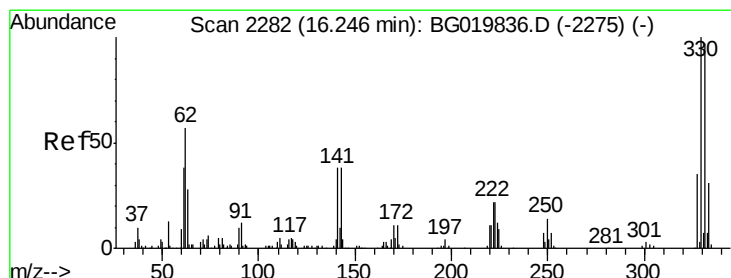
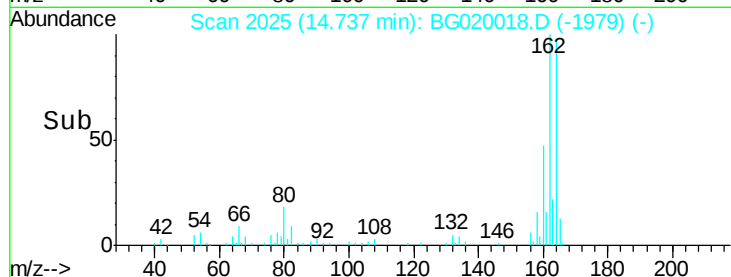
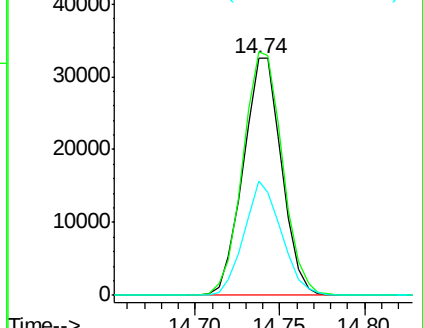
160 48.0 36.4 54.6



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: 124.27 ng

RT: 16.22 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BG020018.D

Acq: 8 Dec 2015 15:05

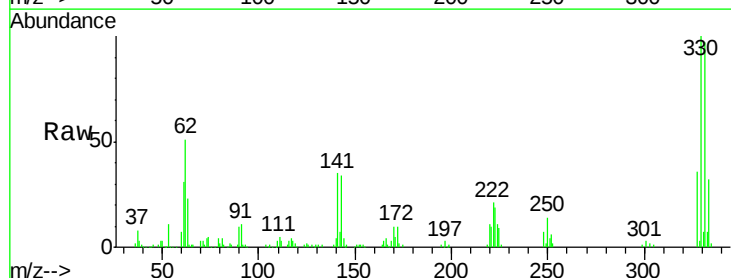
Tgt Ion:330 Resp: 97312

Ion Ratio Lower Upper

330 100

332 97.2 78.1 117.1

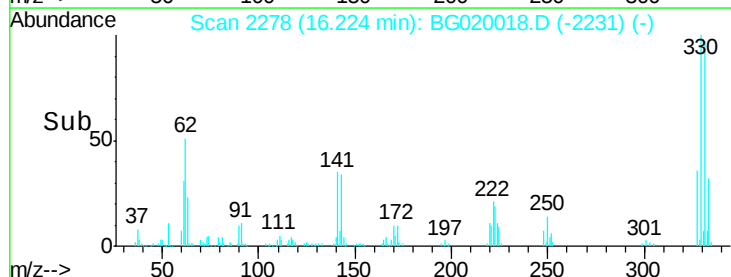
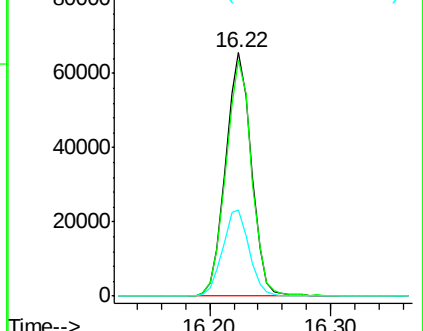
141 36.3 28.2 42.2

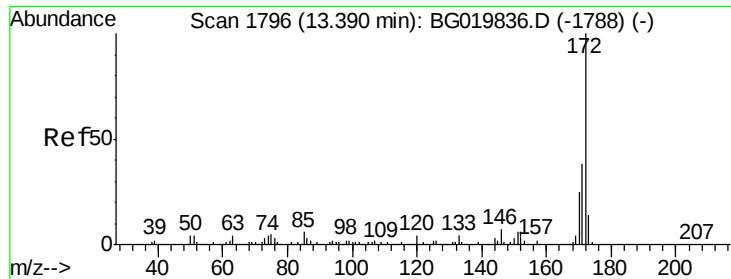


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

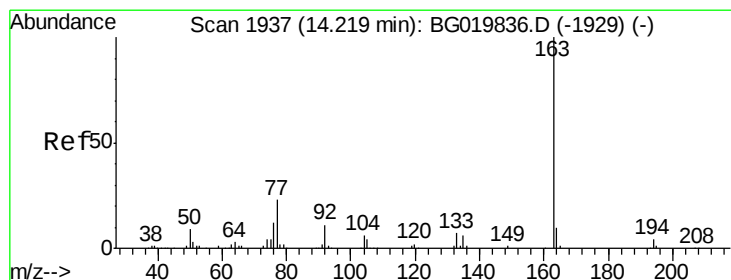
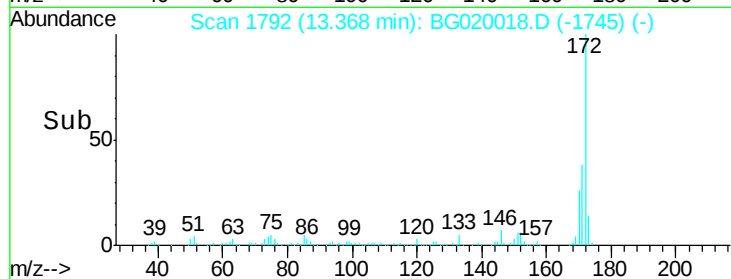
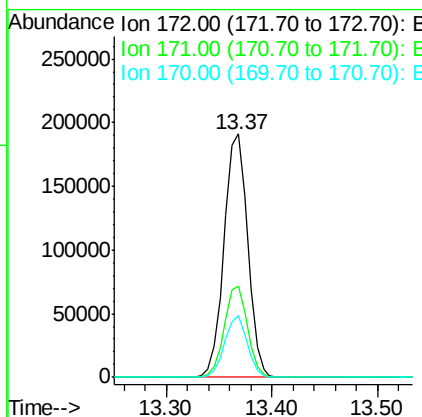
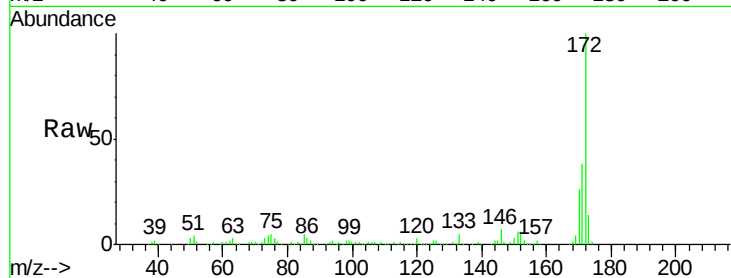




#44
2-Fluorobiphenyl
Concen: 79.22 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

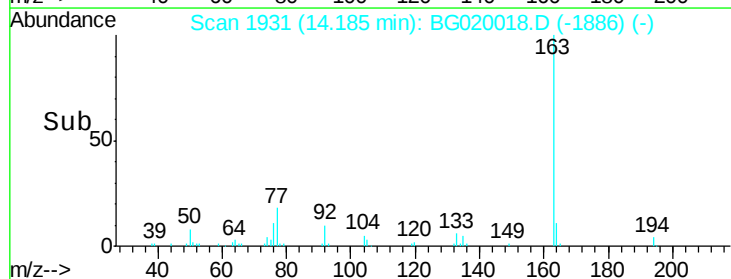
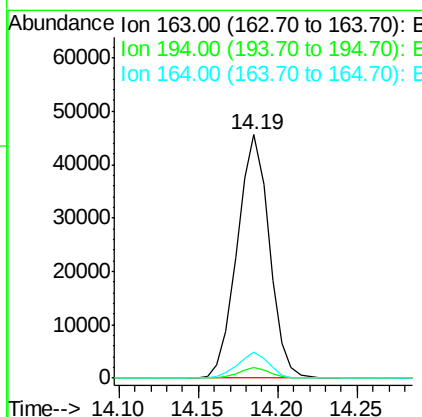
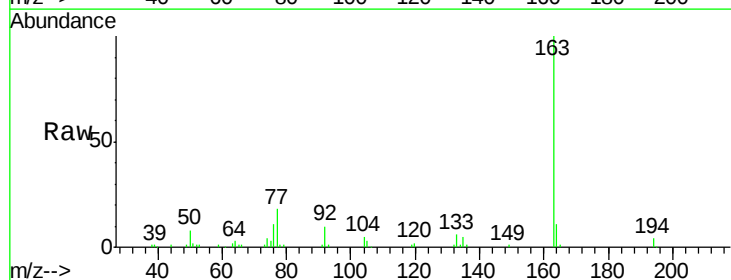
Instrument :
BNA_F
ClientSampled :
UST-5

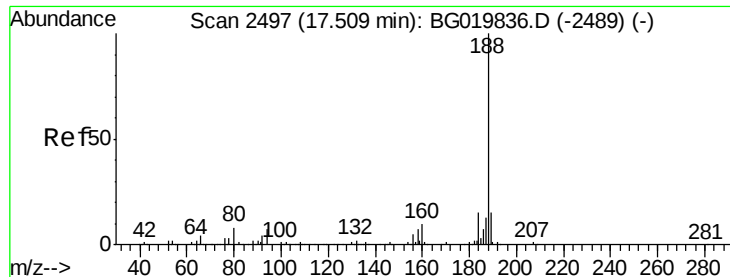
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.0	43.6
170	25.6	19.9	29.9



#49
Dimethylphthalate
Concen: 13.87 ng
RT: 14.19 min Scan# 1931
Delta R.T. -0.03 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	10.7	8.8	13.2

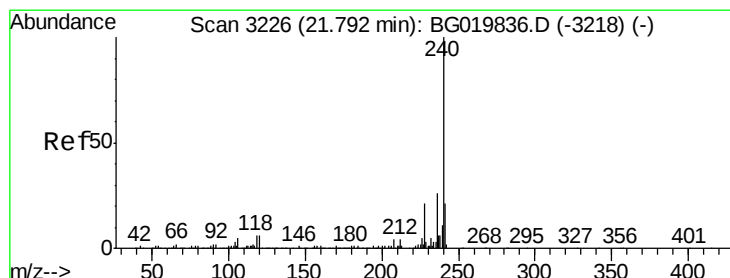
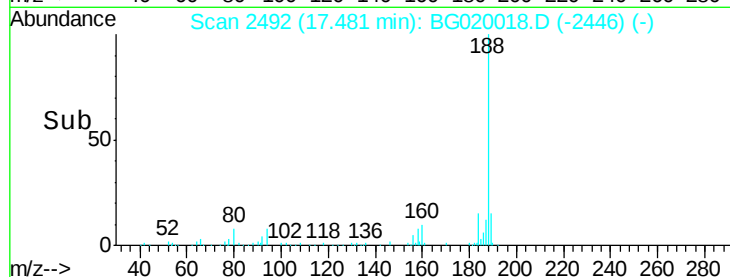
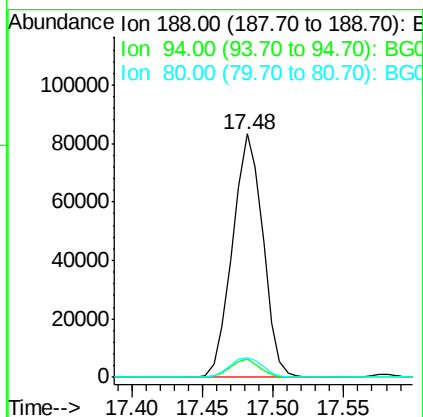
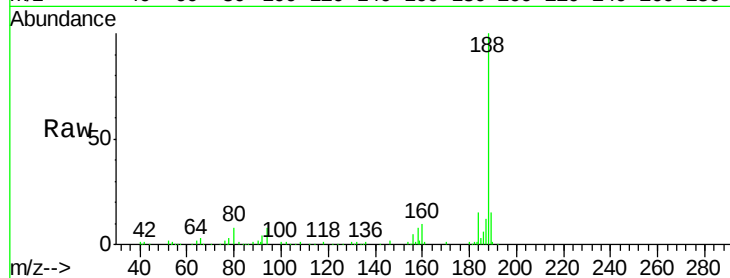




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

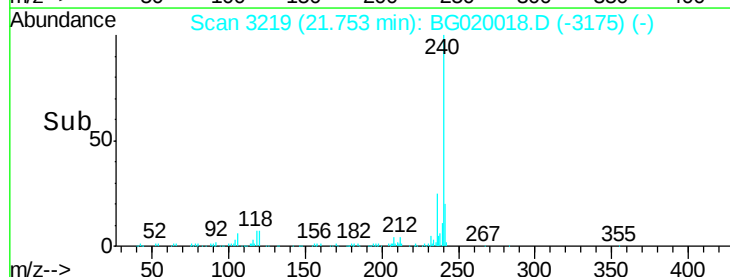
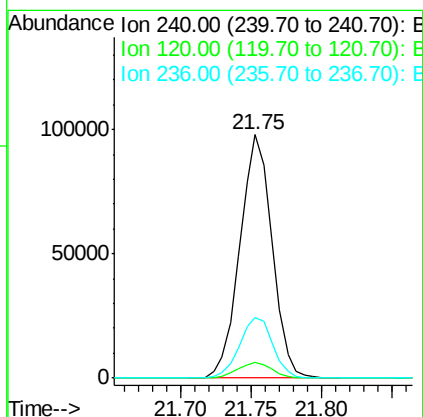
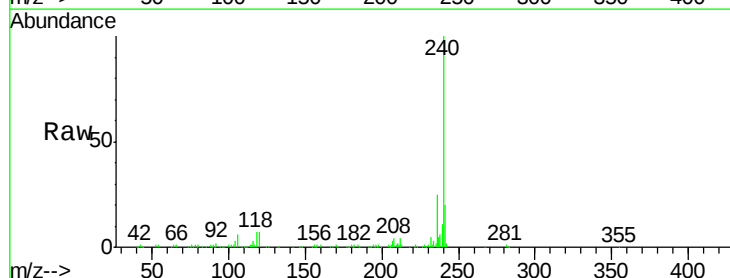
Instrument :
BNA_F
ClientSampleId :
UST-5

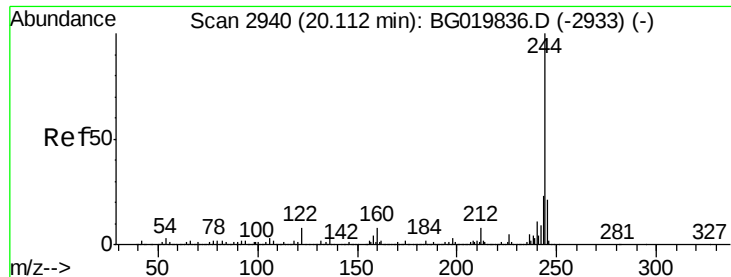
Tgt Ion:188 Resp: 125056
Ion Ratio Lower Upper
188 100
94 7.7 7.7 11.5
80 8.2 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Tgt Ion:240 Resp: 156450
Ion Ratio Lower Upper
240 100
120 6.6 7.4 11.0#
236 25.1 20.7 31.1





#78

Terphenyl-d14

Concen: 78.18 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020018.D

Acq: 8 Dec 2015 15:05

Instrument :

BNA_F

ClientSampleId :

UST-5

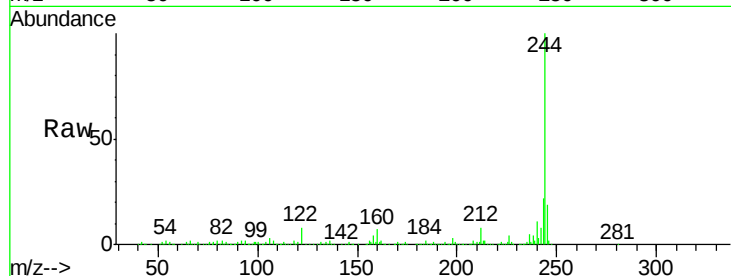
Tgt Ion:244 Resp: 501421

Ion Ratio Lower Upper

244 100

212 7.9 6.9 10.3

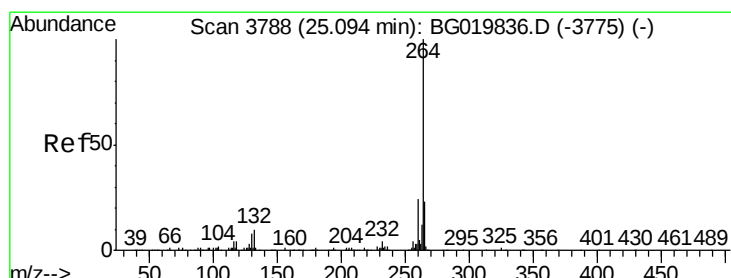
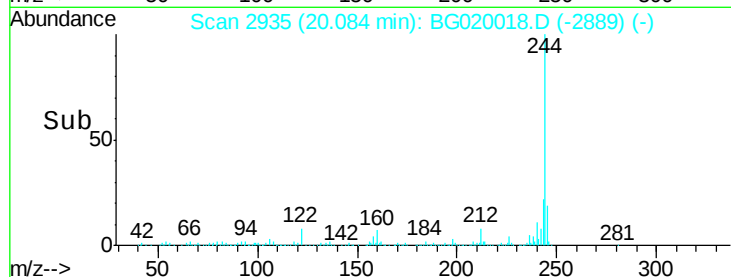
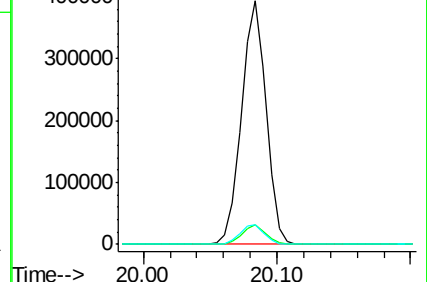
122 7.8 10.2 15.2#



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: BG020018.D

Acq: 8 Dec 2015 15:05

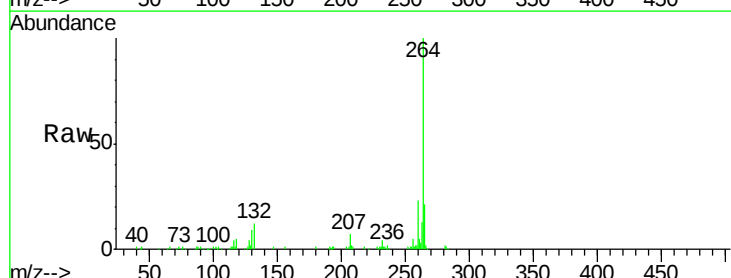
Tgt Ion:264 Resp: 146659

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 21.0 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

