

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
 Data File : BG020014.D
 Acq On : 8 Dec 2015 12:30
 Operator : UM/SJ
 Sample : G4684-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 UST-1

Quant Time: Dec 09 04:30:55 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

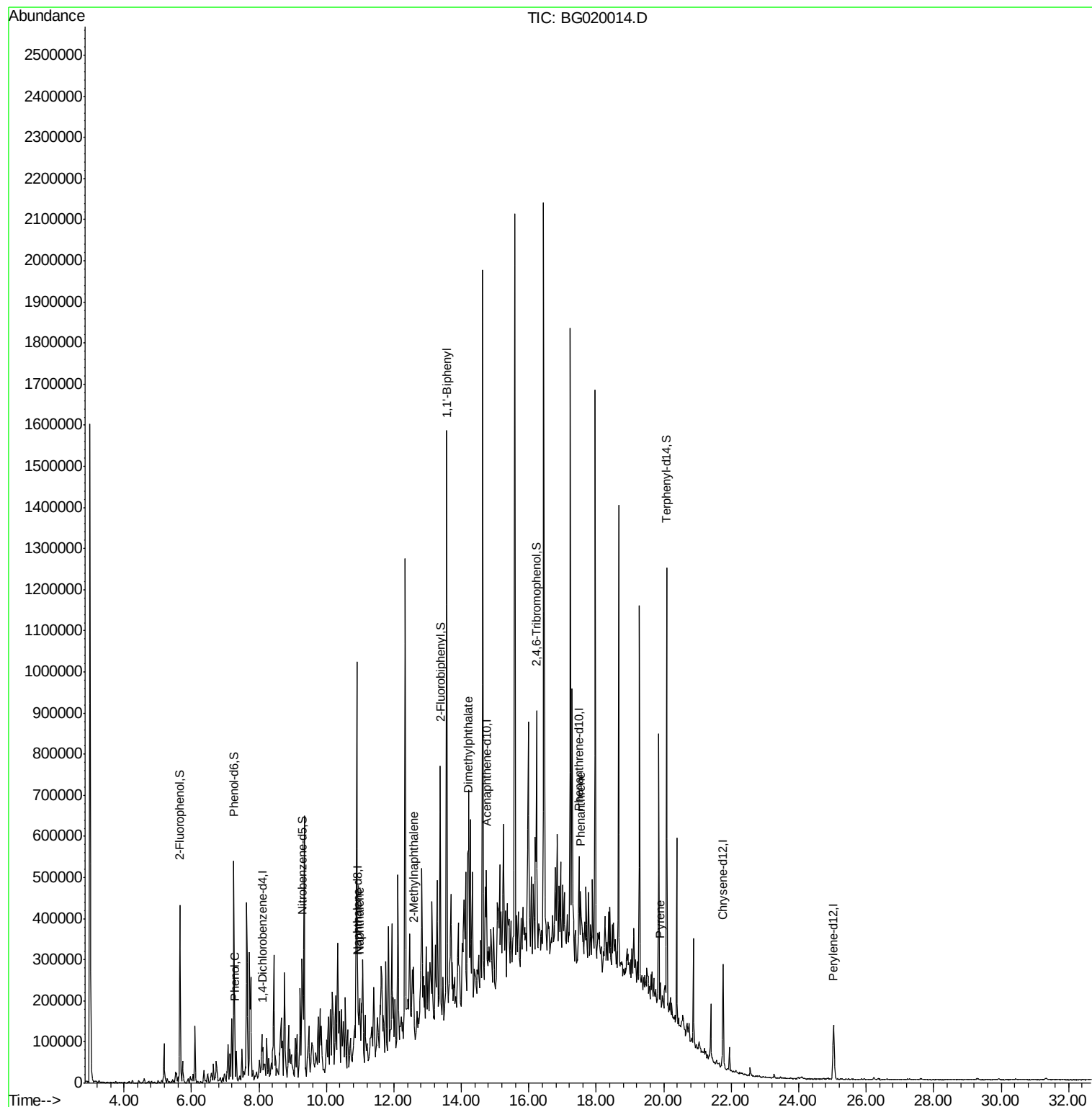
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	20048	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	80231	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	54823	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	128389	20.00	ng	-0.02
75) Chrysene-d12	21.75	240	159318	20.00	ng	-0.04
86) Perylene-d12	25.03	264	153757	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	171373	154.50	ng	0.00
7) Phenol-d6	7.26	99	244713	146.12	ng	0.00
23) Nitrobenzene-d5	9.28	82	166653	106.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	116801	139.24	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	315985	78.70	ng	-0.02
78) Terphenyl-d14	20.08	244	478460	73.25	ng	-0.03
Target Compounds						
10) Phenol	7.29	94	4002	2.27	ng	# 54
31) Naphthalene	10.98	128	40113	9.33	ng	# 88
37) 2-Methylnaphthalene	12.58	142	80898	25.68	ng	# 94
45) 1,1'-Biphenyl	13.57	154	20816	4.63	ng	# 98
49) Dimethylphthalate	14.19	163	68763	13.94	ng	# 95
70) Phenanthrene	17.53	178	26551	3.66	ng	# 91
77) Pyrene	19.89	202	22334	2.38	ng	# 91

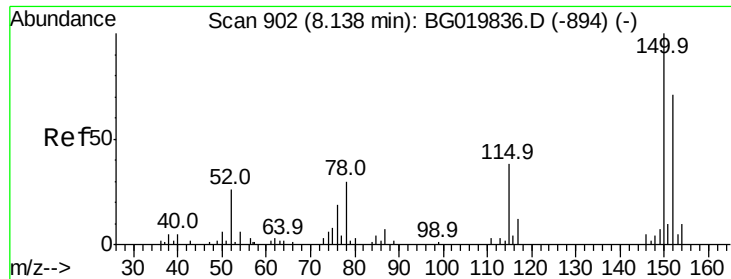
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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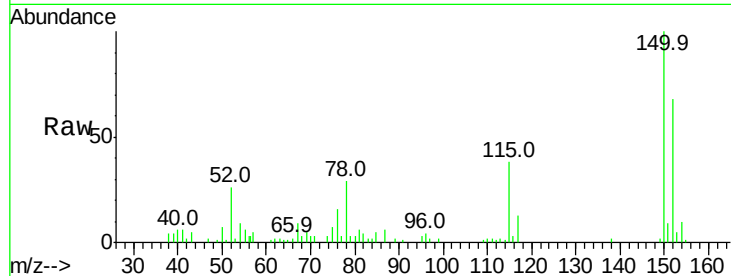


#1

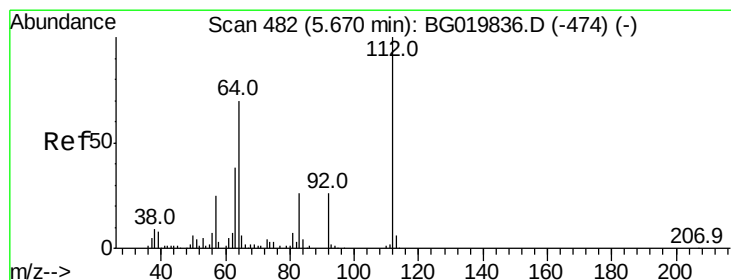
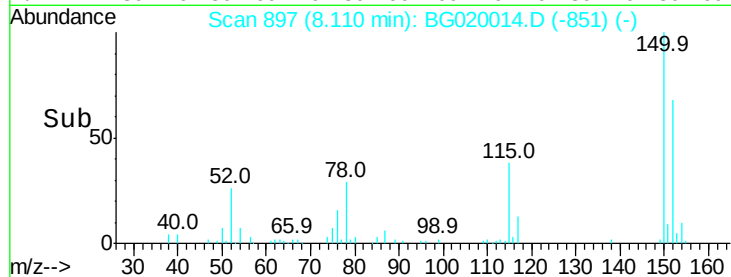
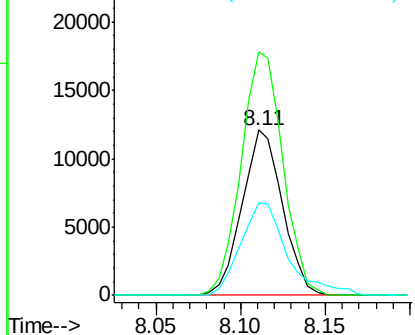
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Instrument :
BNA_G
ClientSampled :
UST-1

Tot Ion:152 Resp: 20048
Ion Ratio Lower Upper
152 100
150 147.5 115.0 172.4
115 56.2 43.9 65.9



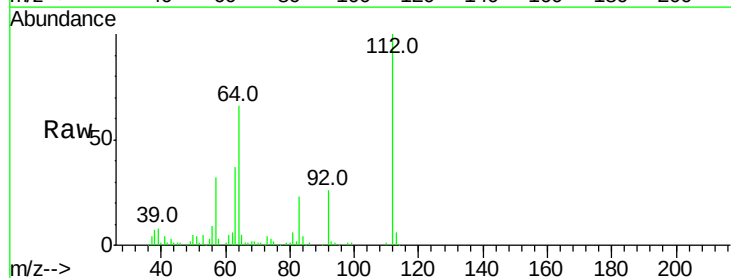
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



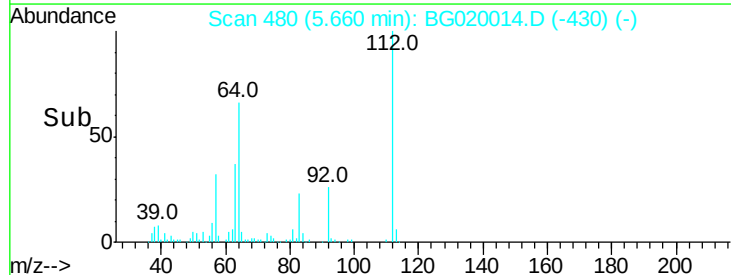
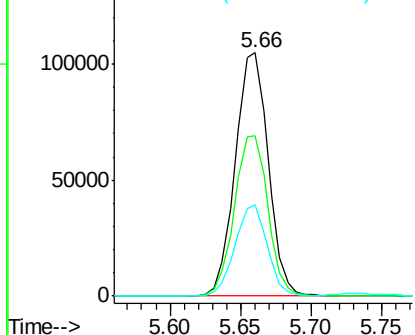
#5

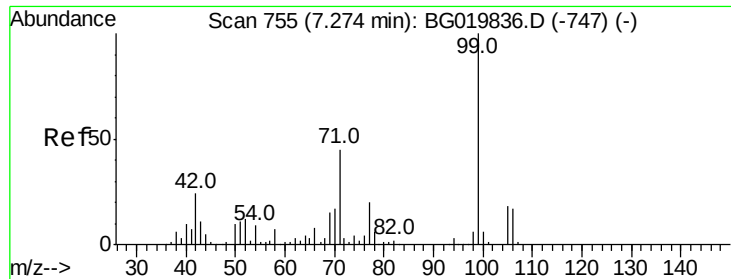
2-Fluorophenol
Concen: 154.50 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Tgt Ion:112 Resp: 171373
Ion Ratio Lower Upper
112 100
64 66.0 43.7 65.5#
63 37.4 24.0 36.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 146.12 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020014.D

Acq: 8 Dec 2015 12:30

Instrument :

BNA_G

ClientSampleId :

UST-1

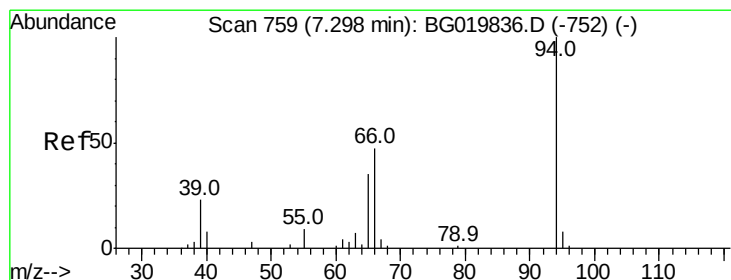
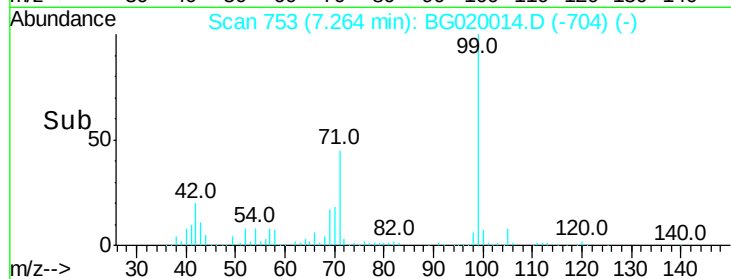
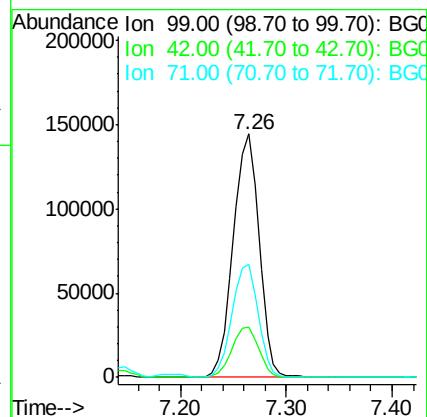
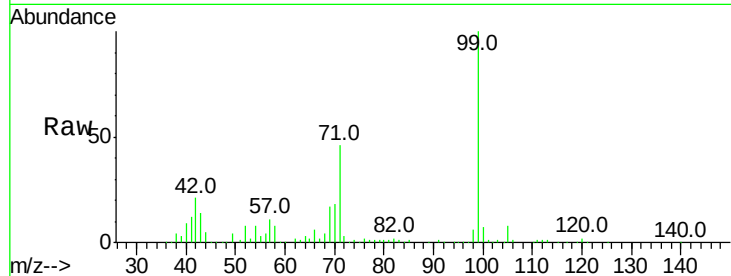
Tot Ion: 99 Resp: 244713

Ion Ratio Lower Upper

99 100

42 20.6 11.5 17.3#

71 46.3 22.6 34.0#



#10

Phenol

Concen: 2.27 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG020014.D

Acq: 8 Dec 2015 12:30

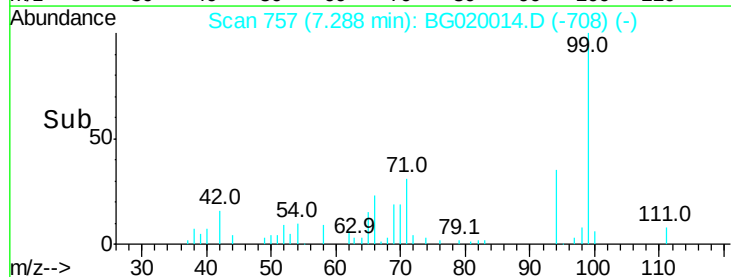
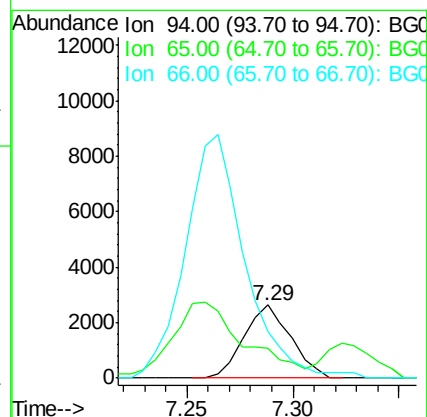
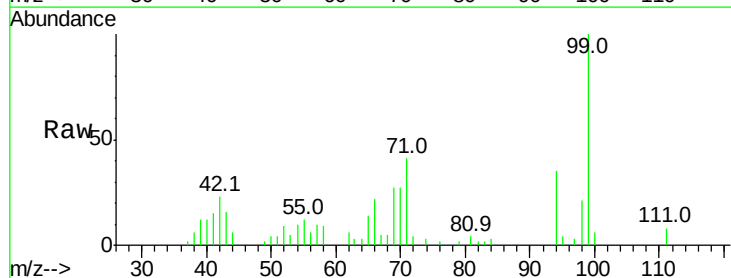
Tgt Ion: 94 Resp: 4002

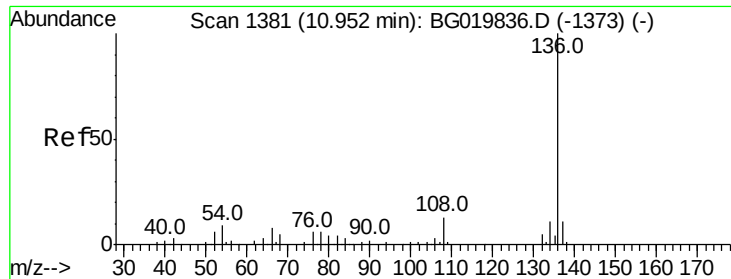
Ion Ratio Lower Upper

94 100

65 41.1 5.4 45.4

66 64.4 11.8 51.8#

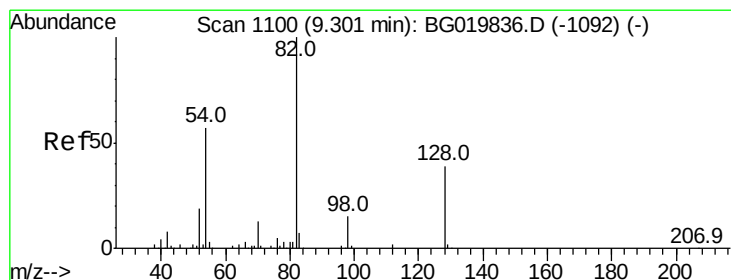
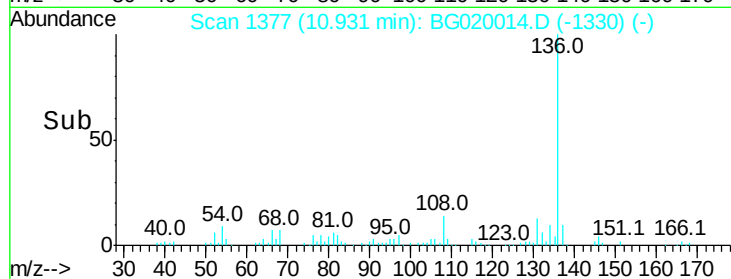
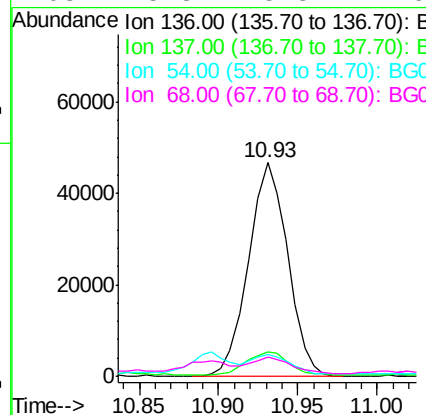
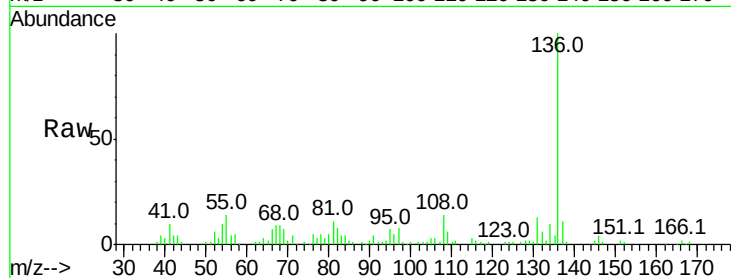




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

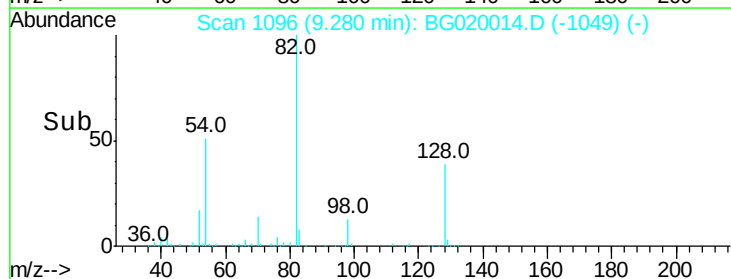
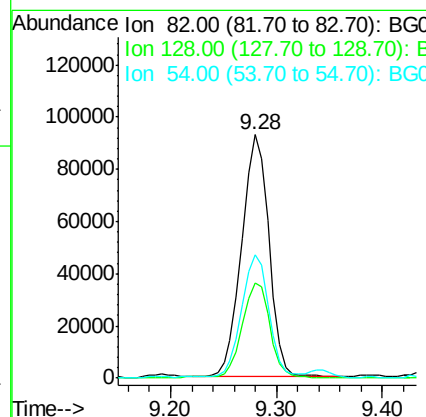
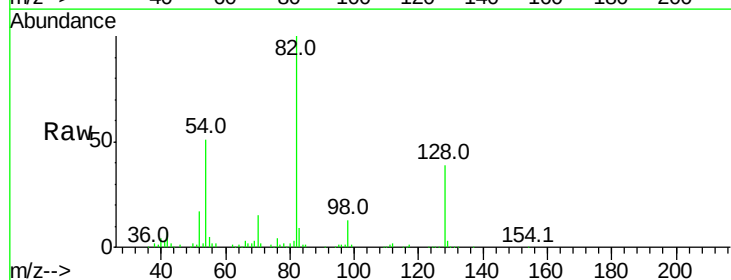
Instrument :
BNA_G
ClientSampleId :
UST-1

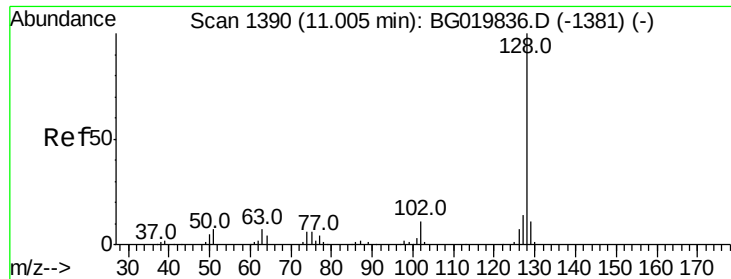
Tot Ion:136	Resp:	80231
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.6 12.8
54	10.2	5.4 8.2#
68	8.8	5.3 7.9#



#23
Nitrobenzene-d5
Concen: 106.01 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Tgt Ion: 82	Resp:	166653
Ion	Ratio	Lower Upper
82	100	
128	39.1	36.7 55.1
54	50.6	33.8 50.8

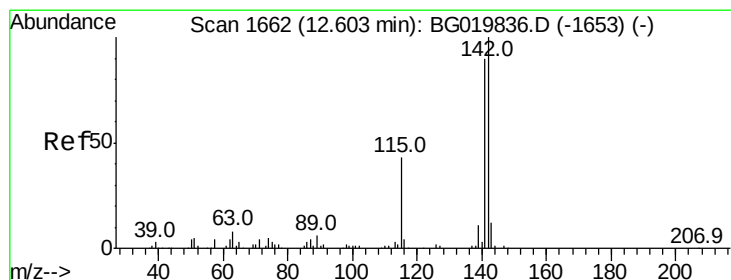
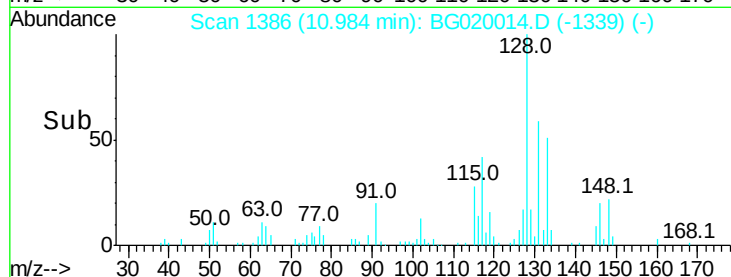
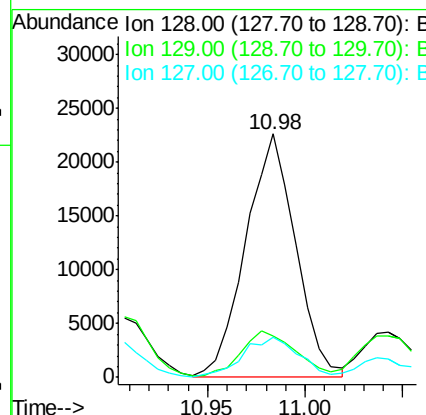
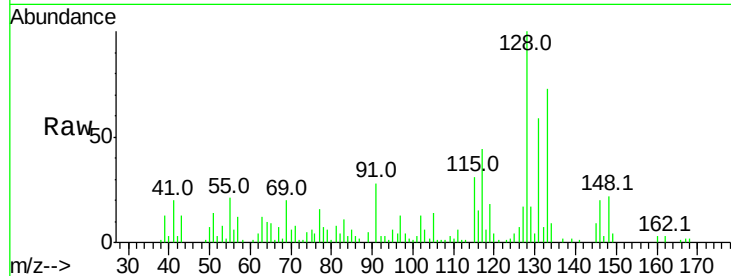




#31
Naphthalene
Concen: 9.33 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

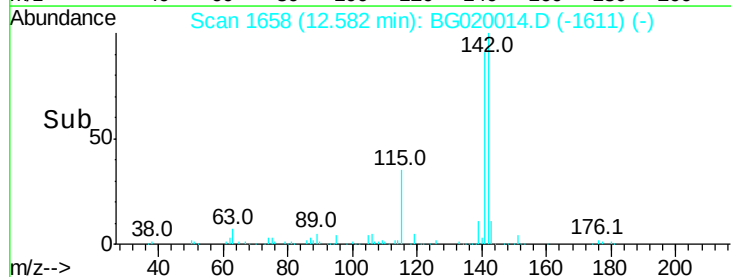
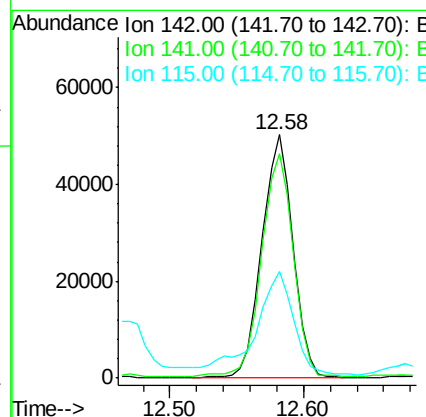
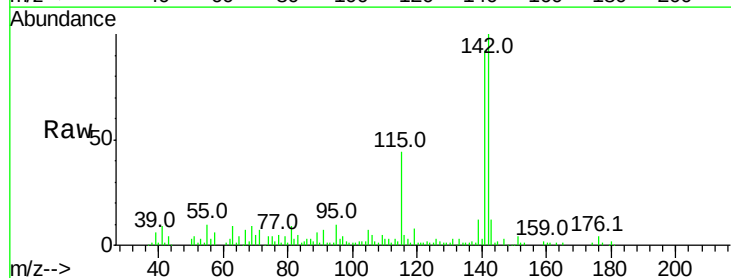
Instrument :
BNA_G
ClientSampleId :
UST-1

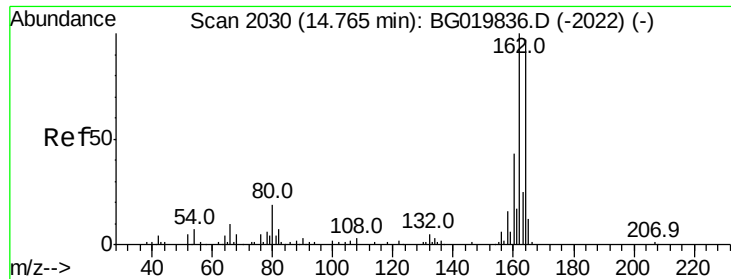
Tot Ion:128 Resp: 40113
Ion Ratio Lower Upper
128 100
129 17.0 8.5 12.7#
127 16.5 10.6 16.0#



#37
2-Methylnaphthalene
Concen: 25.68 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Tgt Ion:142 Resp: 80898
Ion Ratio Lower Upper
142 100
141 92.1 74.6 112.0
115 44.0 27.4 41.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BG020014.D

Acq: 8 Dec 2015 12:30

Instrument :

BNA_G

ClientSampleId :

UST-1

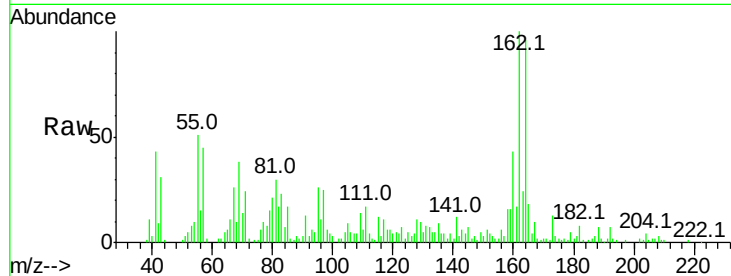
Tot Ion:164 Resp: 54823

Ion Ratio Lower Upper

164 100

162 104.0 78.8 118.2

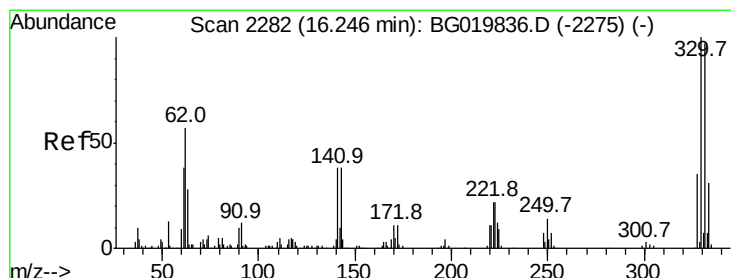
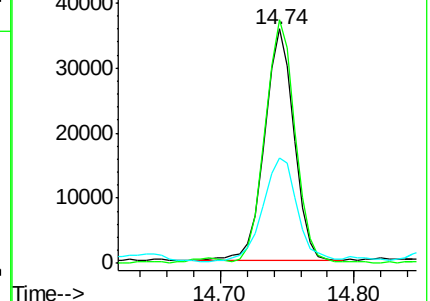
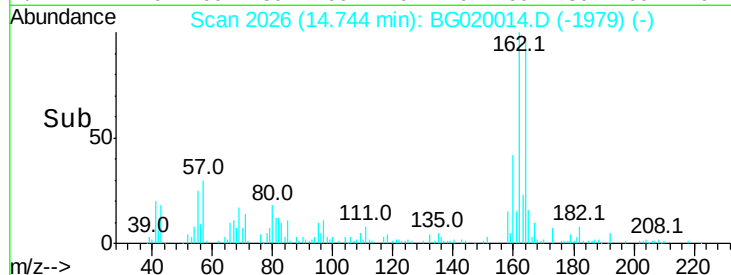
160 45.0 36.4 54.6



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: 139.24 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG020014.D

Acq: 8 Dec 2015 12:30

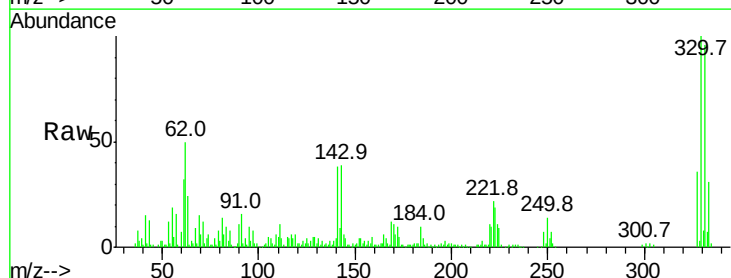
Tgt Ion:330 Resp: 116801

Ion Ratio Lower Upper

330 100

332 95.8 78.1 117.1

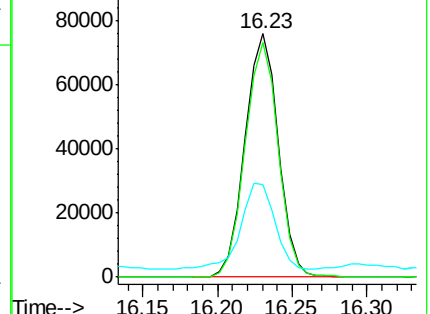
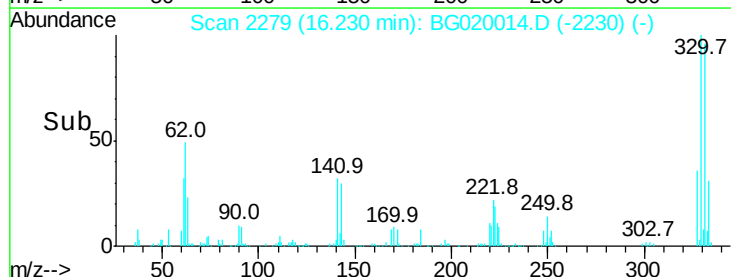
141 36.2 28.2 42.2

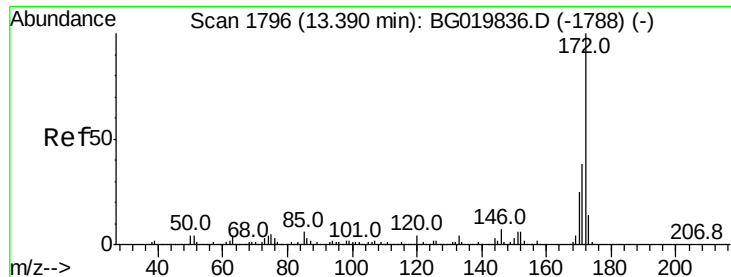


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

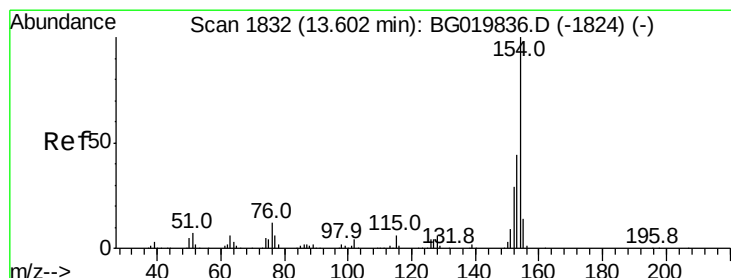
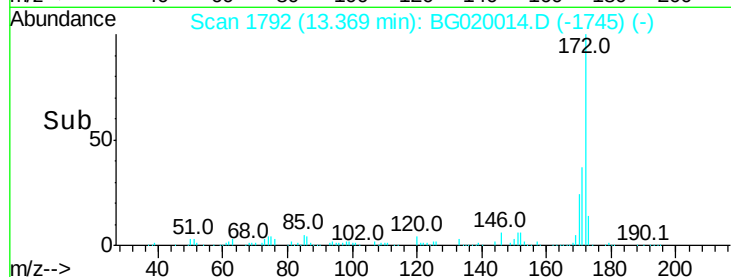
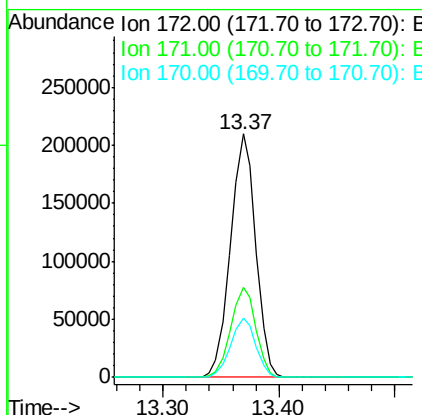
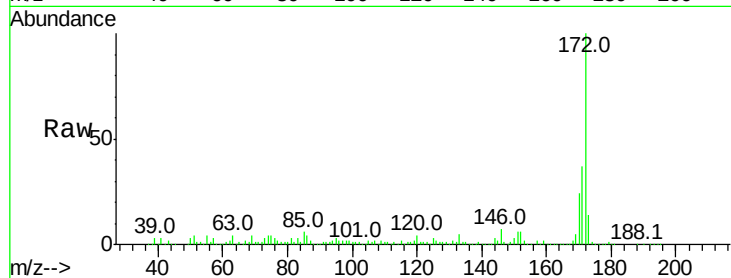




#44
2-Fluorobiphenyl
Concen: 78.70 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

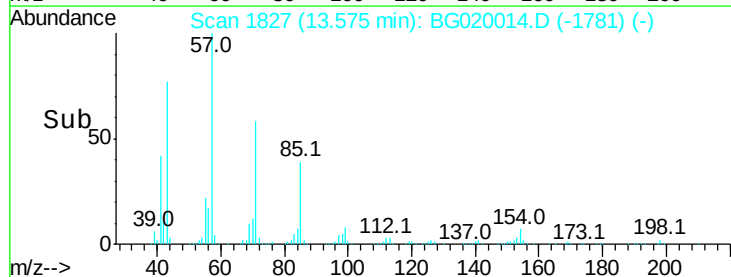
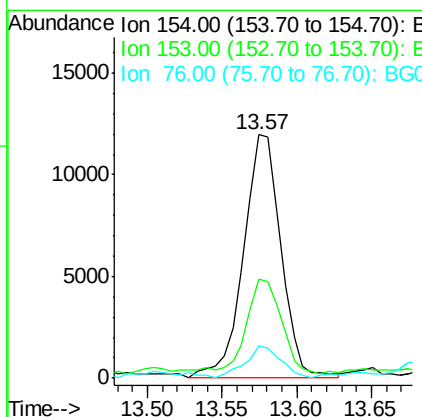
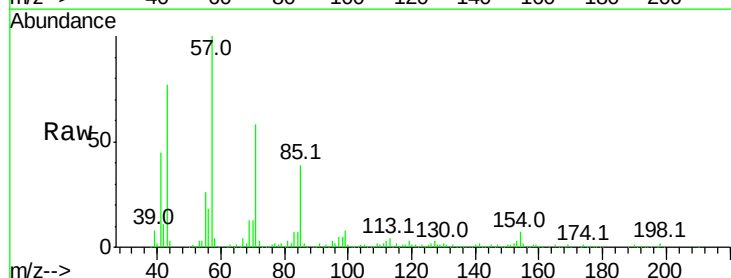
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UST-1

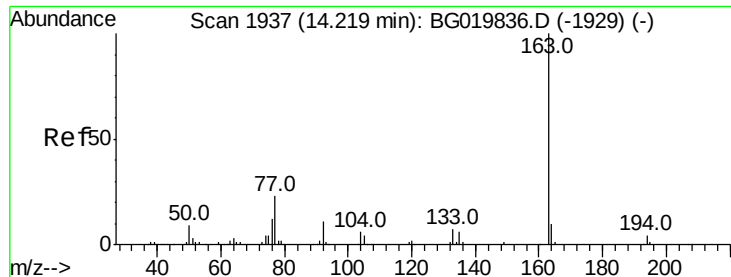
Tot Ion:172 Resp: 315985
Ion Ratio Lower Upper
172 100
171 37.2 29.0 43.6
170 24.2 19.9 29.9



#45
1,1'-Biphenyl
Concen: 4.63 ng
RT: 13.57 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Tgt Ion:154 Resp: 20816
Ion Ratio Lower Upper
154 100
153 40.4 21.9 61.9
76 13.3 0.0 33.2





#49

Dimethylphthalate

Concen: 13.94 ng

RT: 14.19 min Scan# 1931

Delta R.T. -0.03 min

Lab File: BG020014.D

Acq: 8 Dec 2015 12:30

Instrument :

BNA_G

ClientSampleId :

UST-1

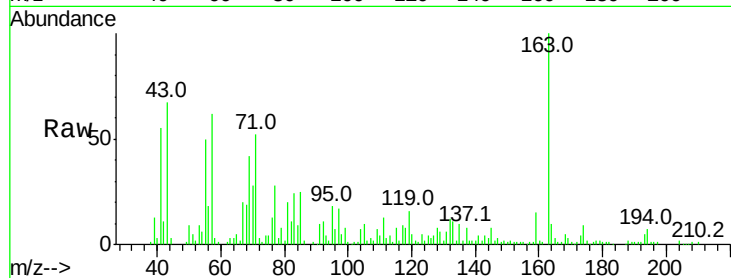
Tot Ion:163 Resp: 68763

Ion Ratio Lower Upper

163 100

194 6.9 3.1 4.7#

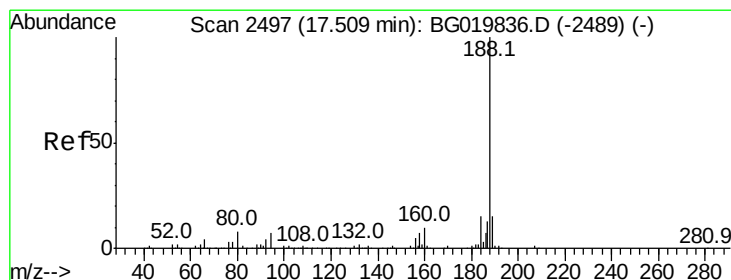
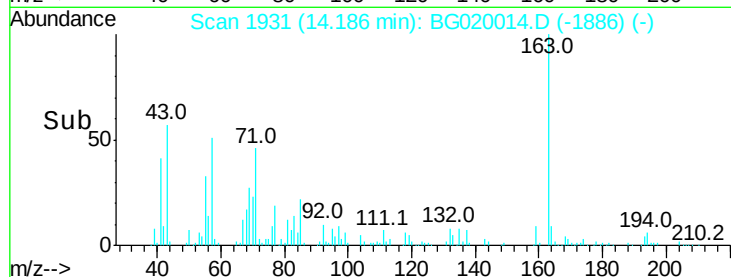
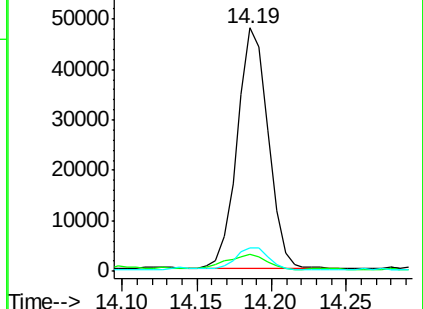
164 9.7 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BG020014.D

Acq: 8 Dec 2015 12:30

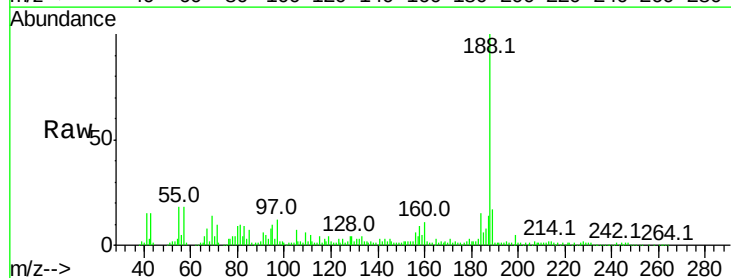
Tgt Ion:188 Resp: 128389

Ion Ratio Lower Upper

188 100

94 7.9 7.7 11.5

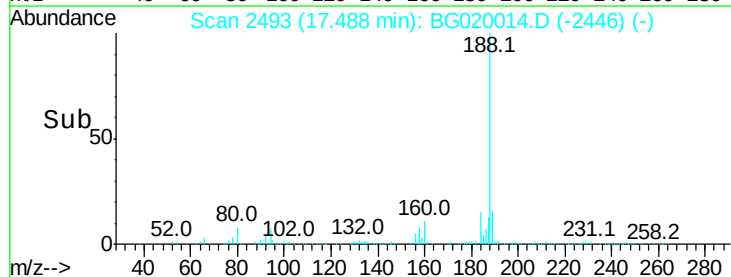
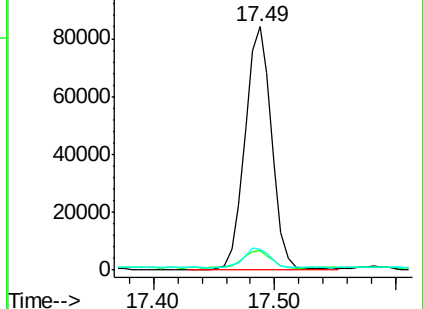
80 8.8 7.8 11.8

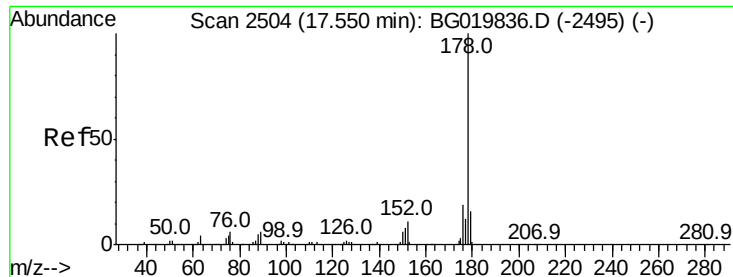


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#70

Phenanthrene

Concen: 3.66 ng

RT: 17.53 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG020014.D

Acq: 8 Dec 2015 12:30

Instrument :

BNA_G

ClientSampleId :

UST-1

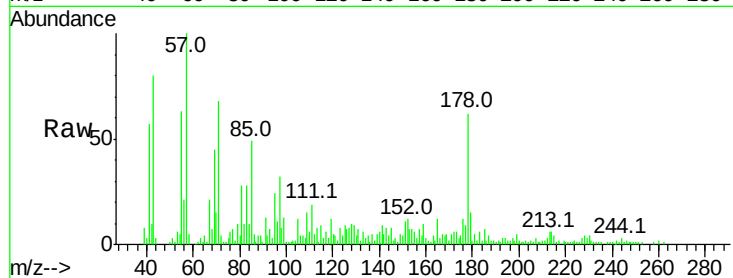
Tot Ion:178 Resp: 26551

Ion Ratio Lower Upper

178 100

176 18.9 16.7 25.1

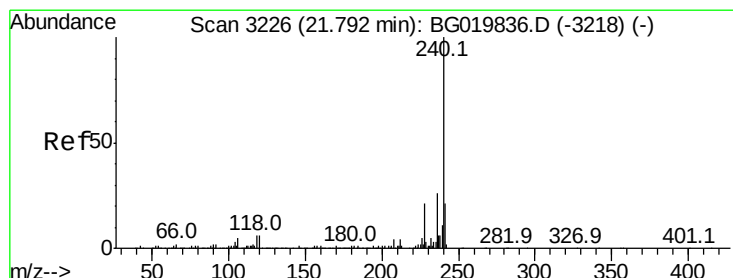
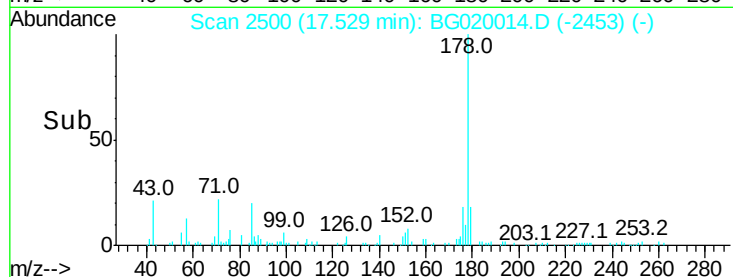
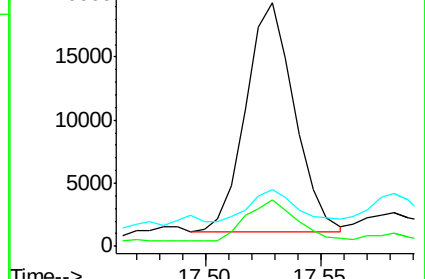
179 23.4 13.9 20.9#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG020014.D

Acq: 8 Dec 2015 12:30

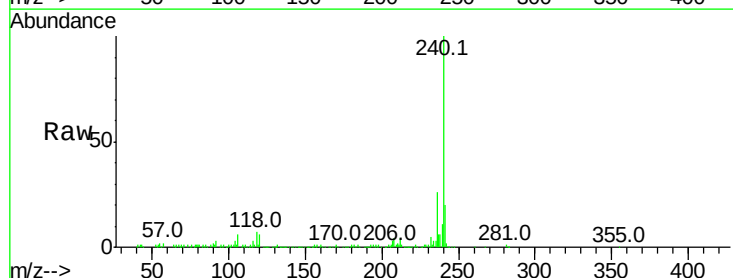
Tgt Ion:240 Resp: 159318

Ion Ratio Lower Upper

240 100

120 6.4 7.4 11.0#

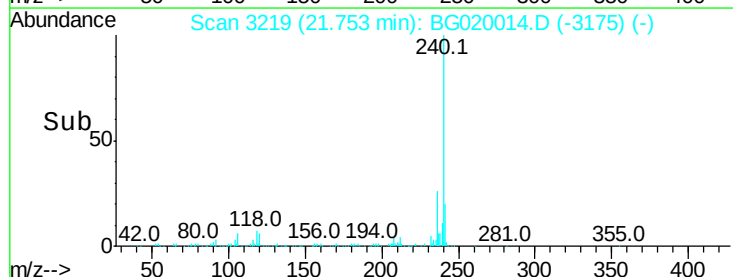
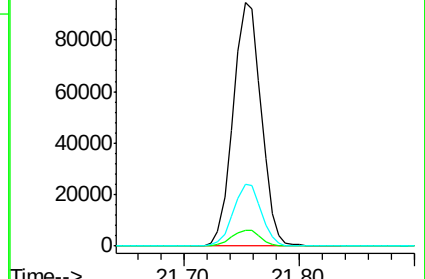
236 25.6 20.7 31.1

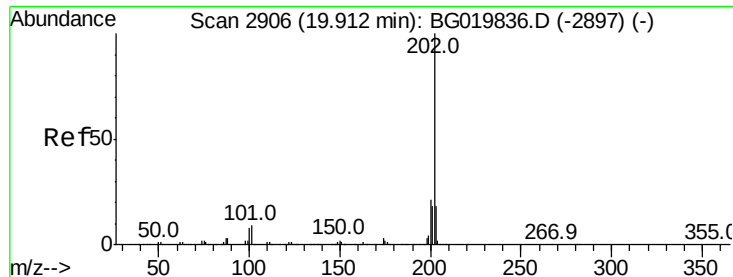


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.38 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG020014.D

Acq: 8 Dec 2015 12:30

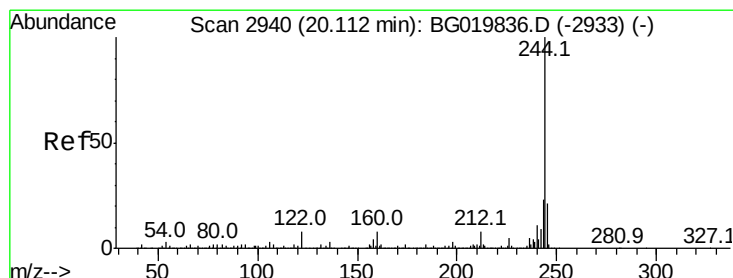
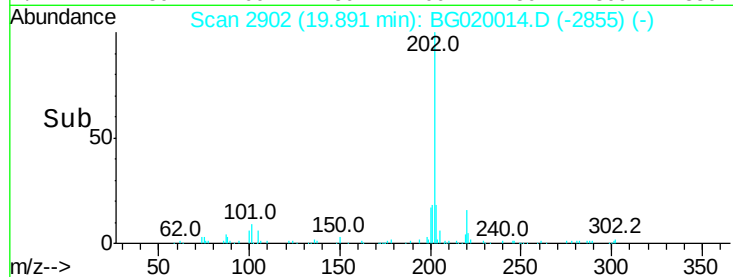
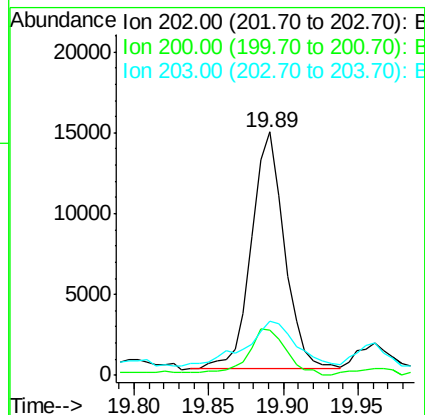
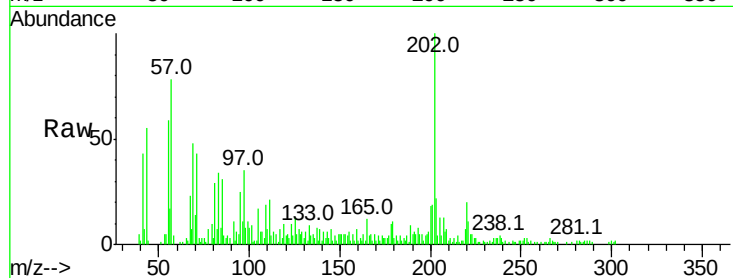
Instrument :

BNA_G

ClientSampleId :

UST-1

Tot Ion:	202	Resp:	22334
Ion	Ratio	Lower	Upper
202	100		
200	18.5	19.4	29.0#
203	22.0	15.5	23.3



#78

Terphenyl-d14

Concen: 73.25 ng

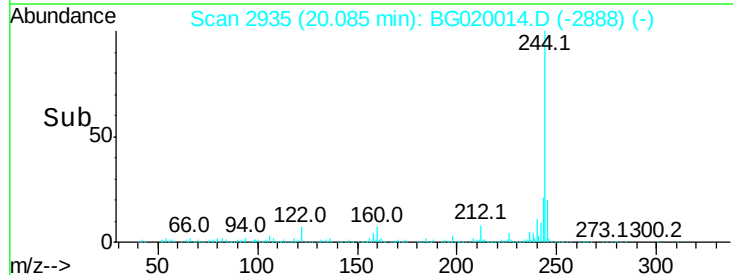
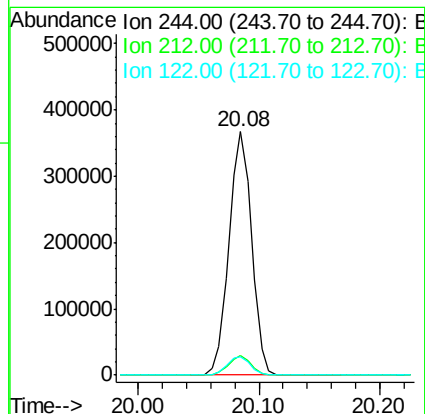
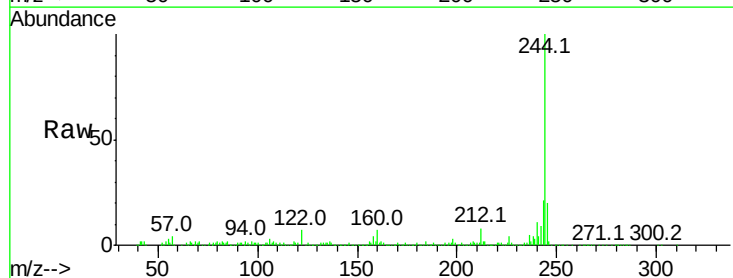
RT: 20.08 min Scan# 2935

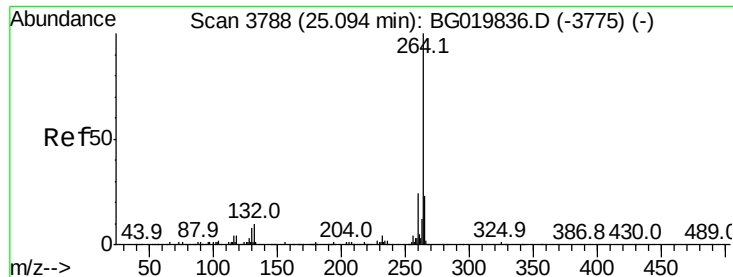
Delta R.T. -0.03 min

Lab File: BG020014.D

Acq: 8 Dec 2015 12:30

Tgt Ion:	244	Resp:	478460
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.9	10.3
122	7.3	10.2	15.2#

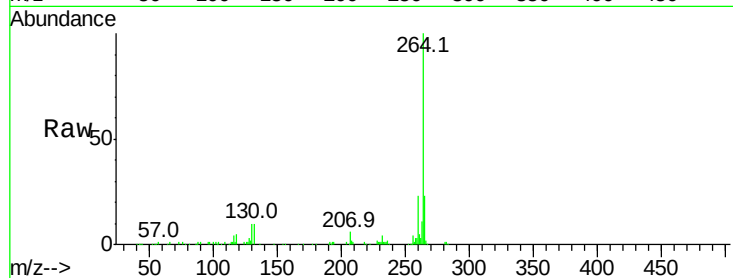




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3777
 Delta R.T. -0.06 min
 Lab File: BG020014.D
 Acq: 8 Dec 2015 12:30

Instrument :
 BNA_G
 ClientSampleId :
 UST-1

Tot Ion:	264	Resp:	153757
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	22.6	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

