

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081616\
 Data File : BG023733.D
 Acq On : 16 Aug 2016 18:40
 Operator : UM/SJ
 Sample : H4287-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-58-14.0-15.0RE

Quant Time: Aug 17 01:04:04 2016
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

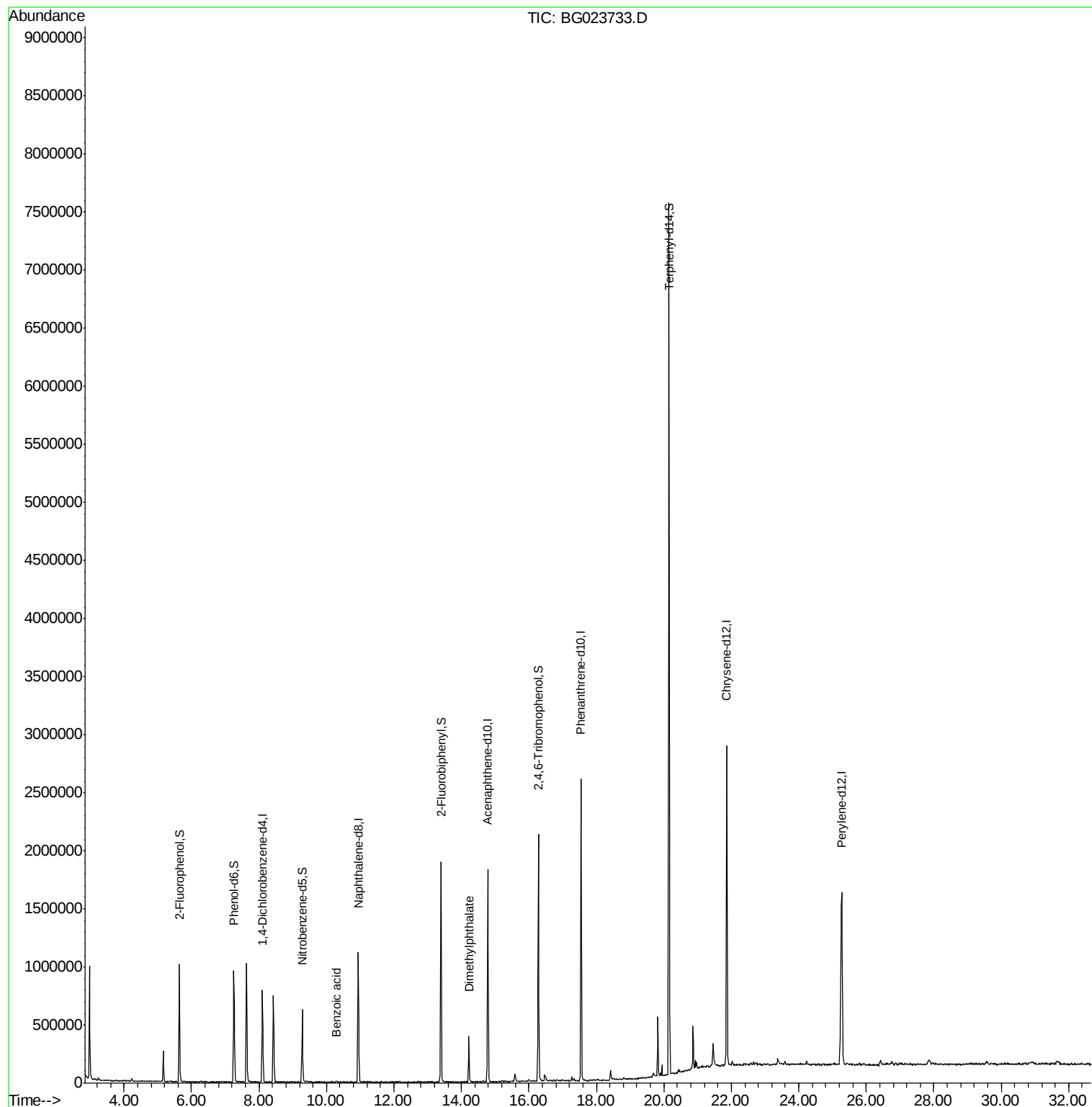
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	202596	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	910157	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	633135	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1494336	20.00	ng	0.00
75) Chrysene-d12	21.87	240	1623545	20.00	ng	0.00
86) Perylene-d12	25.27	264	1659600	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	431399	35.84	ng	-0.02
7) Phenol-d6	7.26	99	576919	30.77	ng	-0.02
23) Nitrobenzene-d5	9.28	82	420172	22.95	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	403733	43.60	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	982184	26.17	ng	0.00
78) Terphenyl-d14	20.16	244	2705310	42.59	ng	0.00
Target Compounds						
9) Benzaldehyde	7.25	77	1180	Below Cal	#	8
32) Benzoic acid	10.29	122	69	6.45 ng	#	21
49) Dimethylphthalate	14.22	163	251811	5.18 ng		97
73) Di-n-butylphthalate	18.49	149	6535	Below Cal	#	94
74) Fluoranthene	19.62	202	1600	Below Cal		71
77) Pyrene	19.97	202	2119	Below Cal	#	55

(#) = 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. -0.02 min

Lab File: BG023733.D

Acq: 16 Aug 2016 18:40

Instrument :

BNA_G

ClientSampleId :

SB-58-14.0-15.0RE

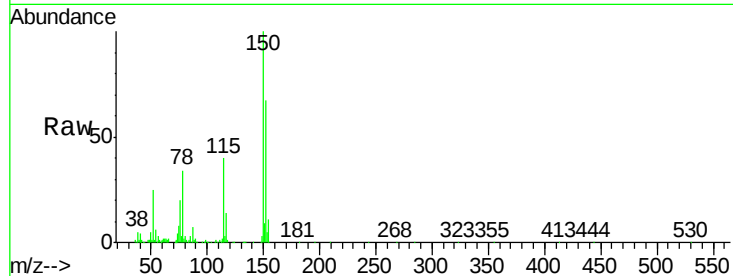
Tgt Ion:152 Resp: 202596

Ion Ratio Lower Upper

152 100

150 149.8 144.7 217.1

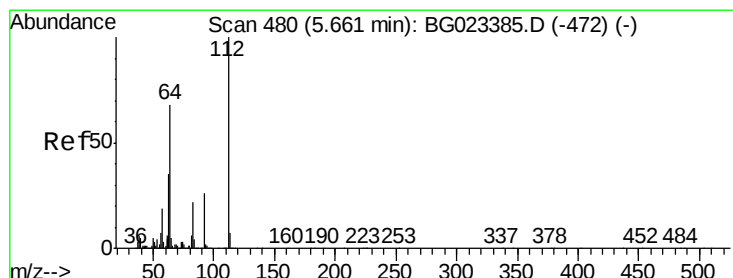
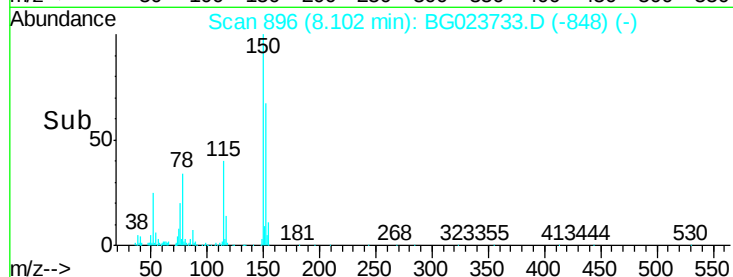
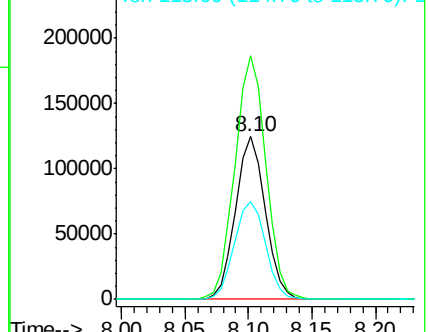
115 60.4 64.0 96.0#



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: 35.84 ng

RT: 5.64 min Scan# 477

Delta R.T. -0.02 min

Lab File: BG023733.D

Acq: 16 Aug 2016 18:40

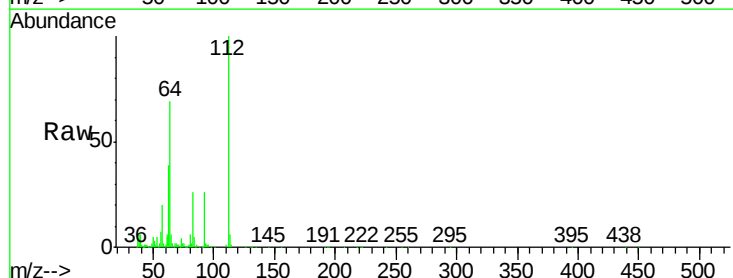
Tgt Ion:112 Resp: 431399

Ion Ratio Lower Upper

112 100

64 68.9 59.0 88.4

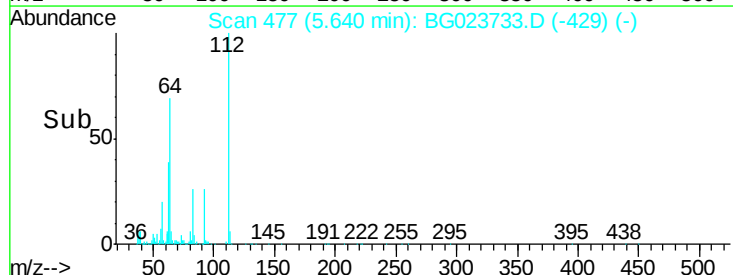
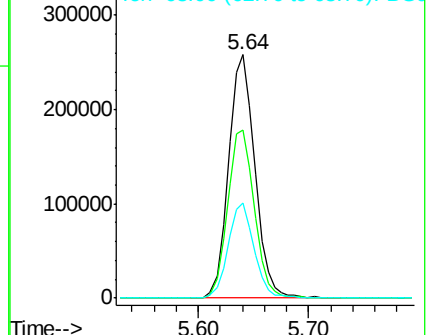
63 39.3 37.8 56.8

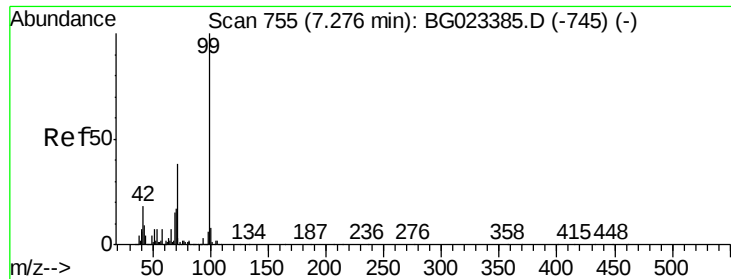


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 30.77 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG023733.D

Acq: 16 Aug 2016 18:40

Instrument :

BNA_G

ClientSampleId :

SB-58-14.0-15.0RE

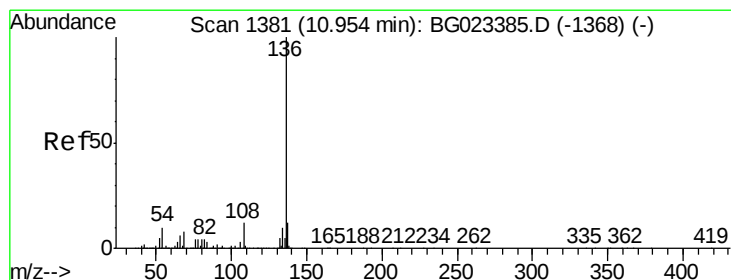
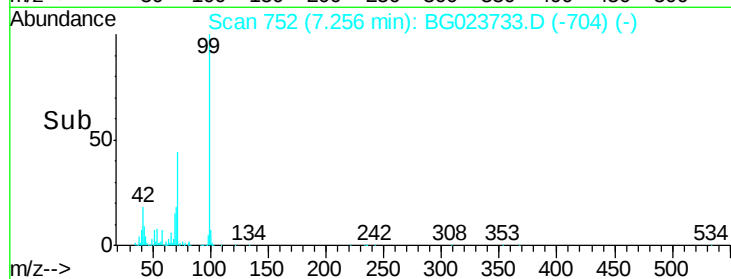
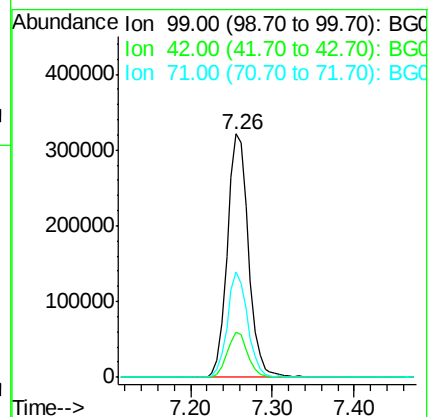
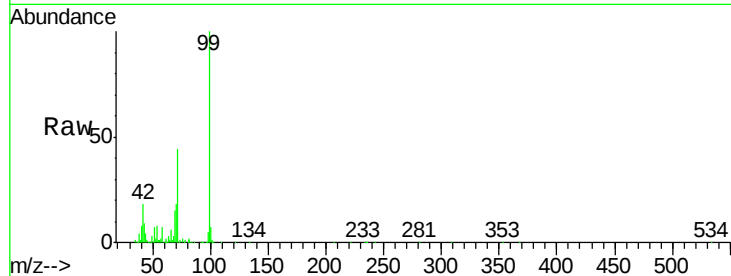
Tgt Ion: 99 Resp: 576919

Ion Ratio Lower Upper

99 100

42 18.5 17.8 26.6

71 43.5 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BG023733.D

Acq: 16 Aug 2016 18:40

Tgt Ion: 136 Resp: 910157

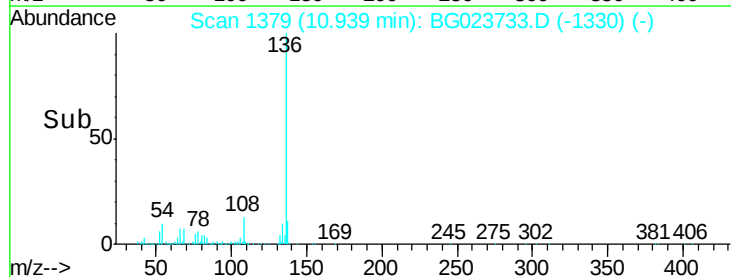
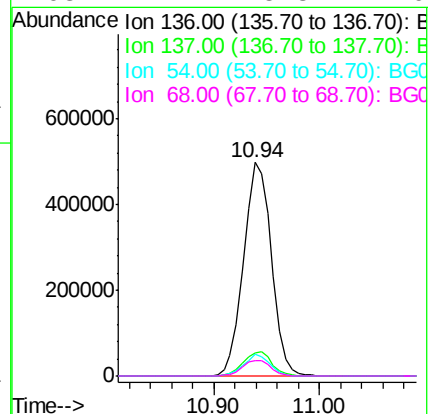
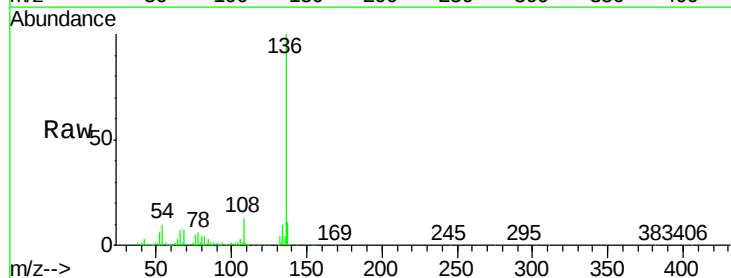
Ion Ratio Lower Upper

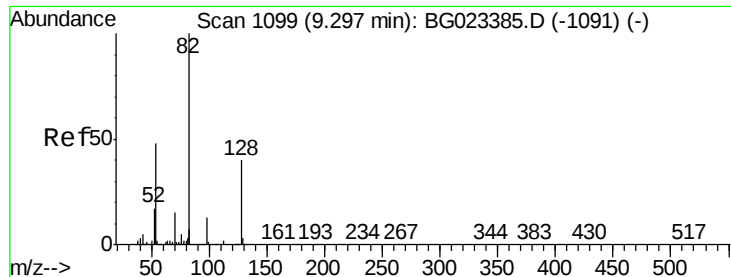
136 100

137 11.0 9.6 14.4

54 10.0 7.3 10.9

68 7.2 5.3 7.9

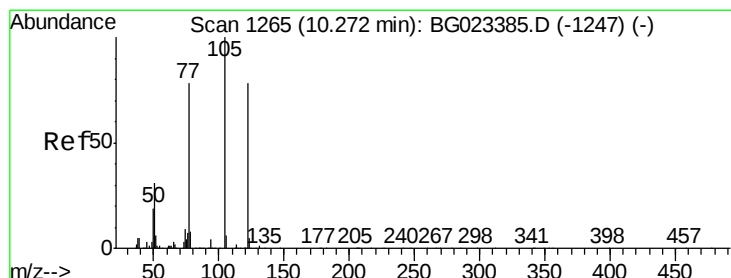
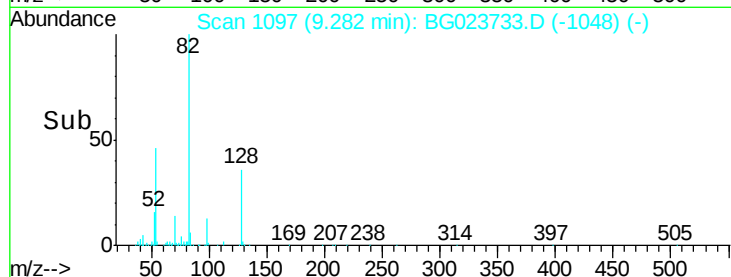
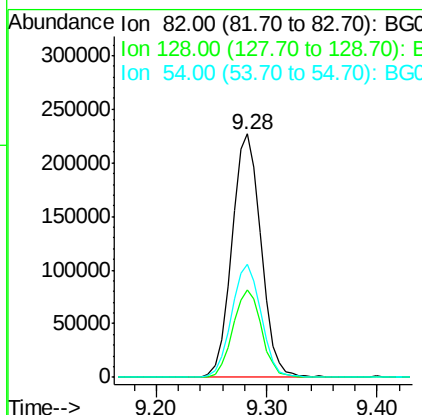
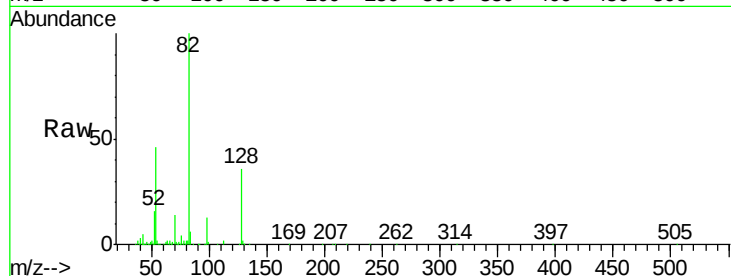




#23
 Nitrobenzene-d5
 Concen: 22.95 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BG023733.D
 Acq: 16 Aug 2016 18:40

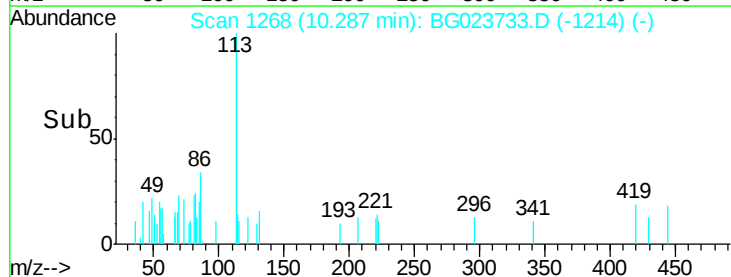
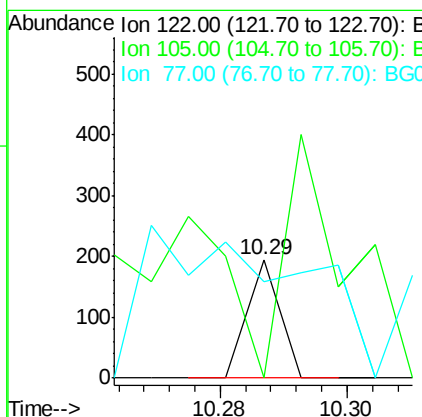
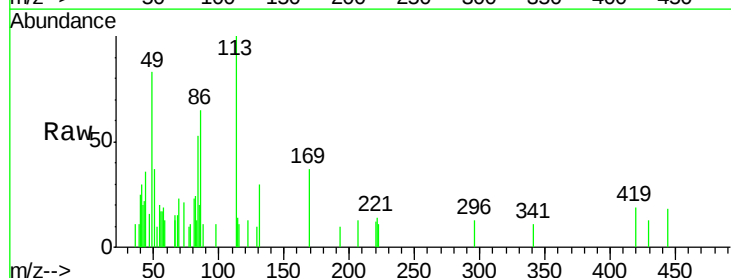
Instrument :
 BNA_G
 ClientSampleId :
 SB-58-14.0-15.0RE

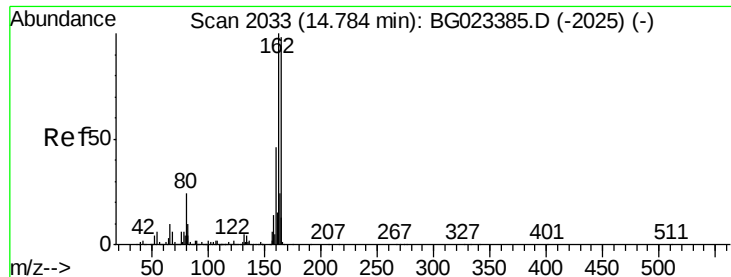
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.8	24.4	36.6
54	46.3	41.4	62.0



#32
 Benzoic acid
 Concen: 6.45 ng
 RT: 10.29 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: BG023733.D
 Acq: 16 Aug 2016 18:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	81.0	109.2	149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG023733.D

Acq: 16 Aug 2016 18:40

Instrument :

BNA_G

ClientSampleId :

SB-58-14.0-15.0RE

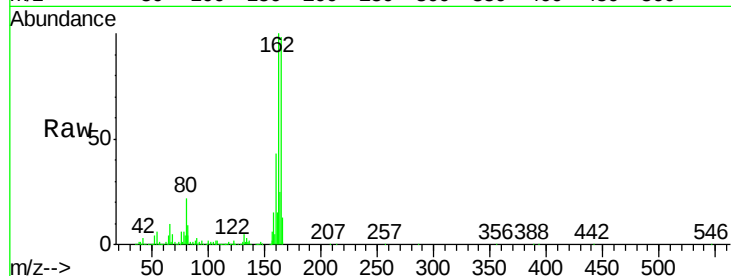
Tgt Ion:164 Resp: 633135

Ion Ratio Lower Upper

164 100

162 101.6 87.7 131.5

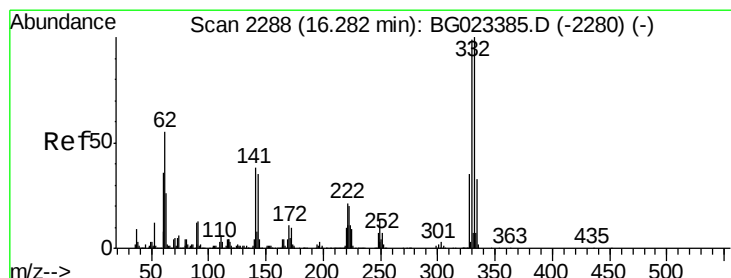
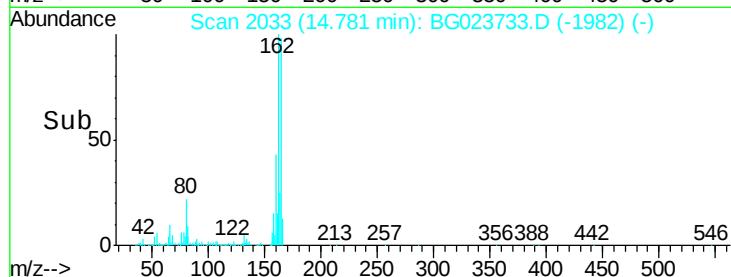
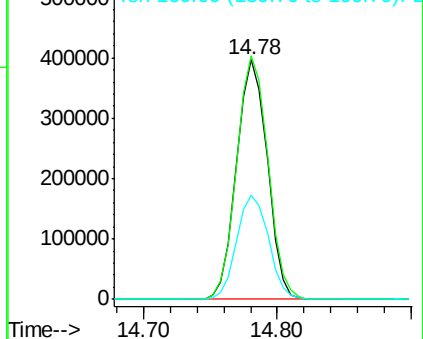
160 43.4 37.2 55.8



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: 43.60 ng

RT: 16.28 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG023733.D

Acq: 16 Aug 2016 18:40

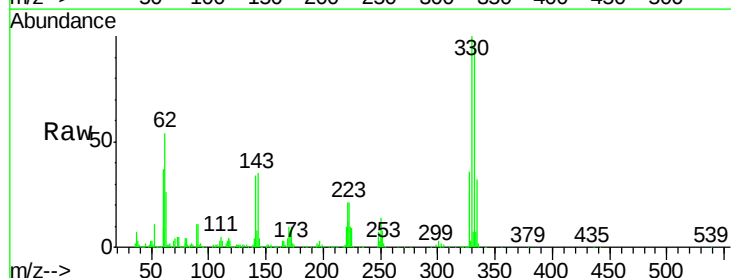
Tgt Ion:330 Resp: 403733

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.2

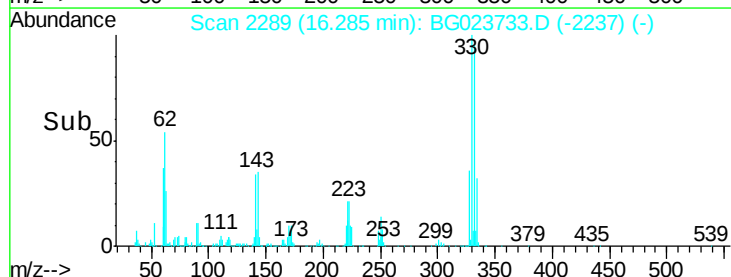
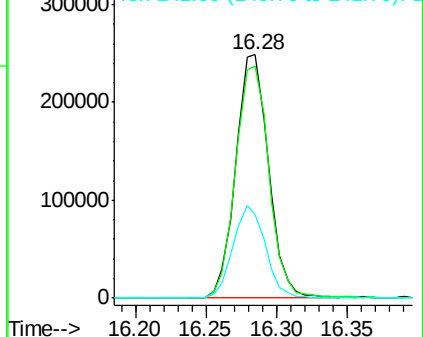
141 37.5 31.7 47.5

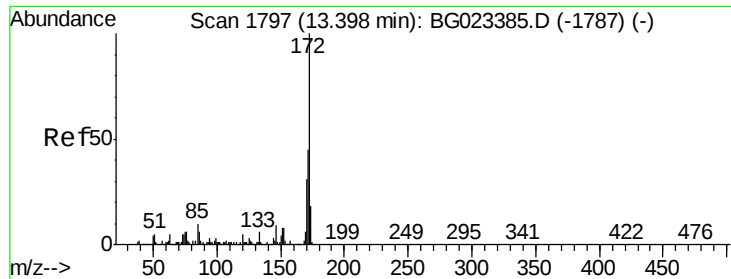


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

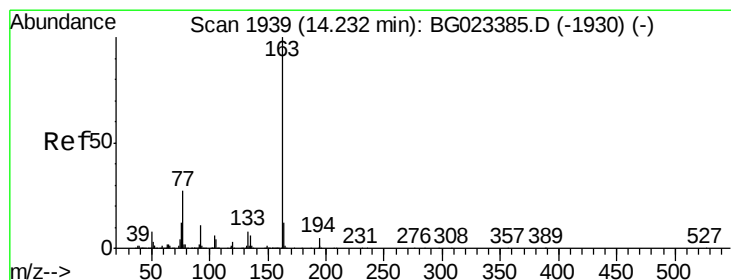
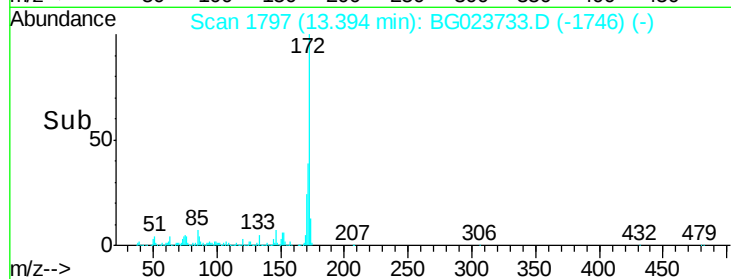
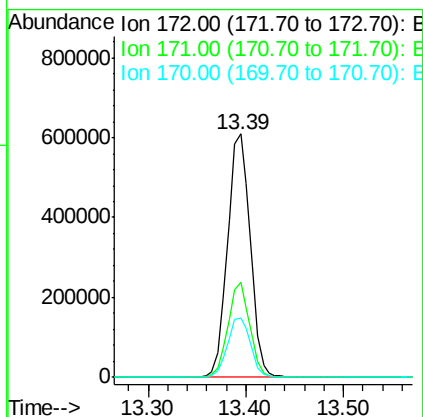
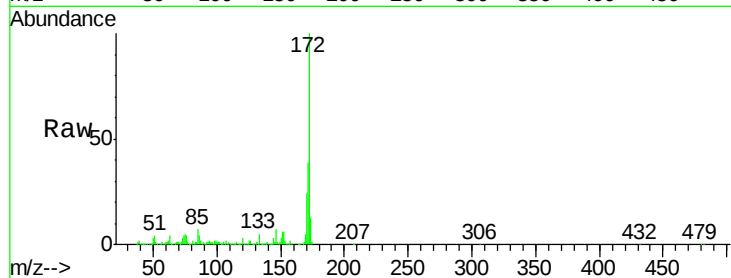




#44
2-Fluorobiphenyl
Concen: 26.17 ng
RT: 13.39 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG023733.D
Acq: 16 Aug 2016 18:40

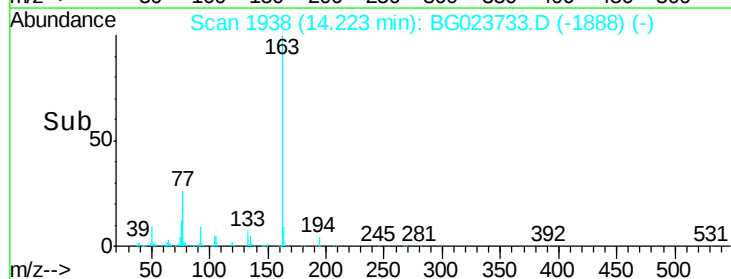
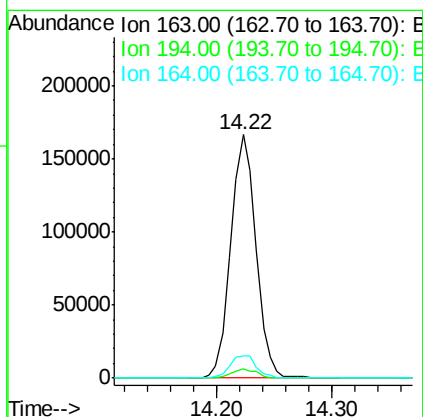
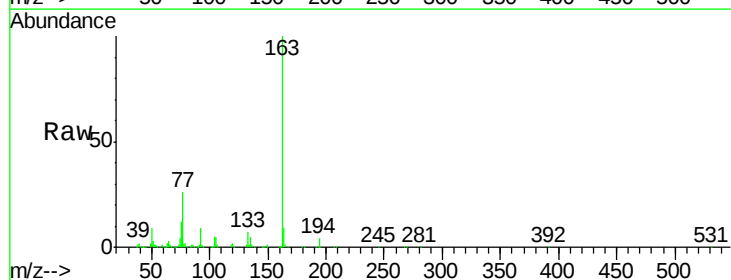
Instrument :
BNA_G
ClientSampleId :
SB-58-14.0-15.0RE

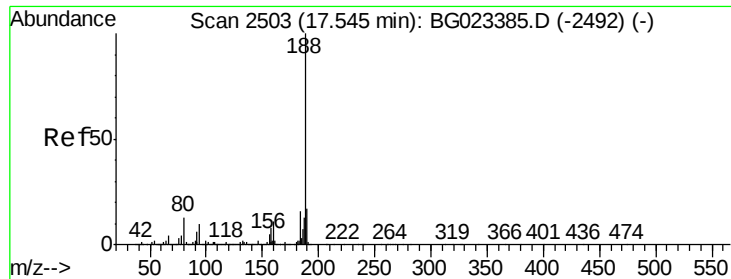
Tgt Ion:172 Resp: 982184
Ion Ratio Lower Upper
172 100
171 39.3 31.6 47.4
170 24.2 21.3 31.9



#49
Dimethylphthalate
Concen: 5.18 ng
RT: 14.22 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG023733.D
Acq: 16 Aug 2016 18:40

Tgt Ion:163 Resp: 251811
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 9.0 8.1 12.1

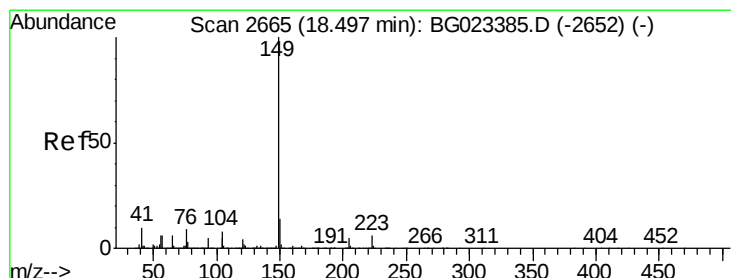
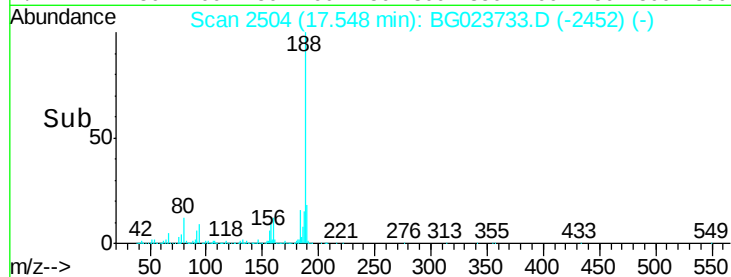
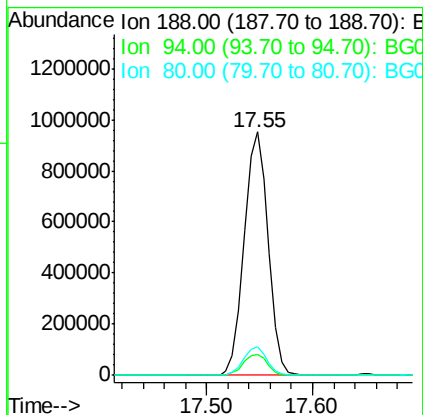
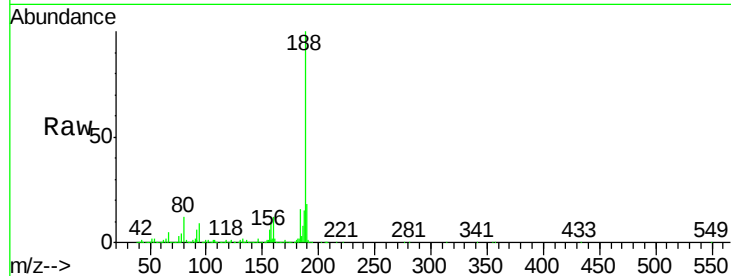




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG023733.D
Acq: 16 Aug 2016 18:40

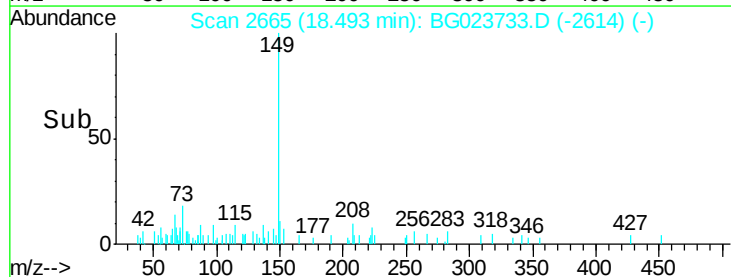
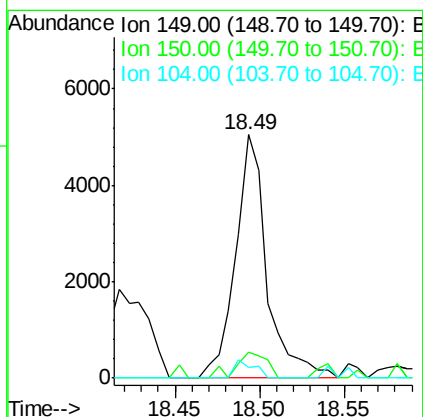
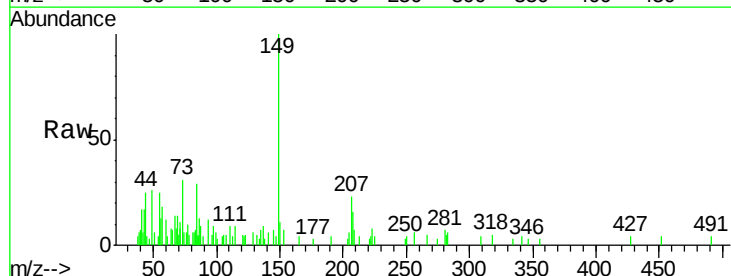
Instrument :
BNA_G
ClientSampleId :
SB-58-14.0-15.0RE

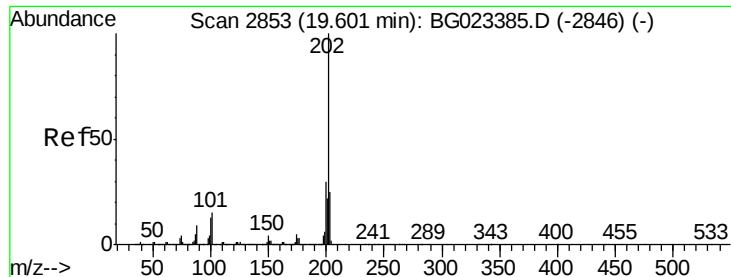
Tgt Ion:188 Resp: 1494336
Ion Ratio Lower Upper
188 100
94 8.8 5.2 7.8#
80 12.0 7.2 10.8#



#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.49 min Scan# 2665
Delta R.T. -0.00 min
Lab File: BG023733.D
Acq: 16 Aug 2016 18:40

Tgt Ion:149 Resp: 6535
Ion Ratio Lower Upper
149 100
150 10.7 9.1 13.7
104 4.3 6.9 10.3#

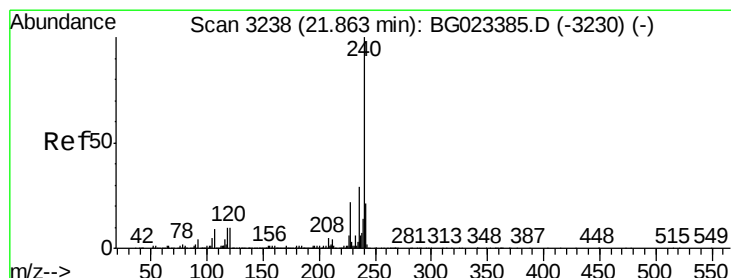
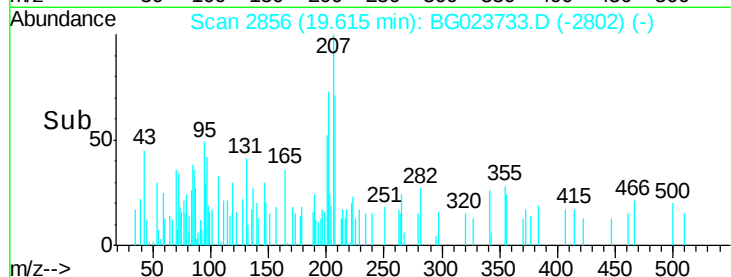
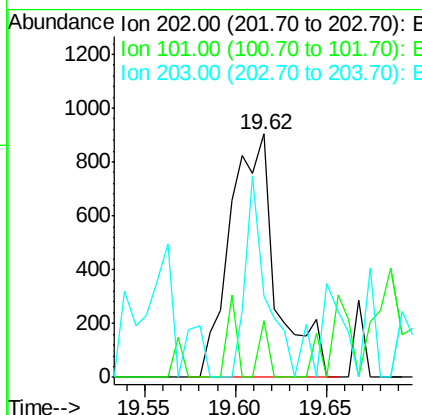
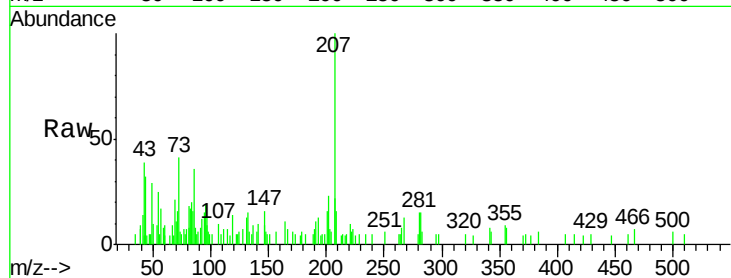




#74
Fluoranthene
Concen: Below Cal
RT: 19.62 min Scan# 2856
Delta R.T. 0.02 min
Lab File: BG023733.D
Acq: 16 Aug 2016 18:40

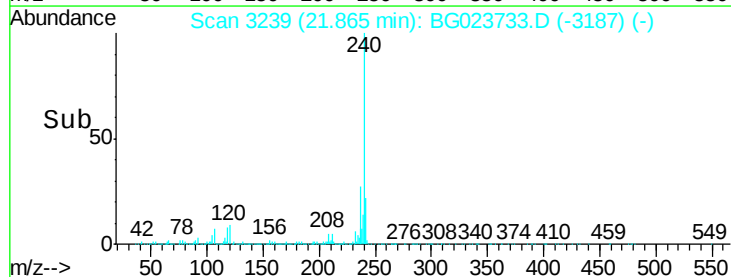
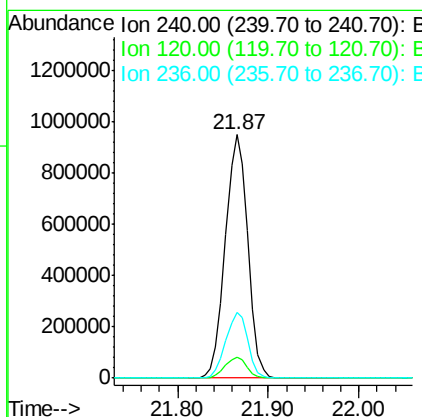
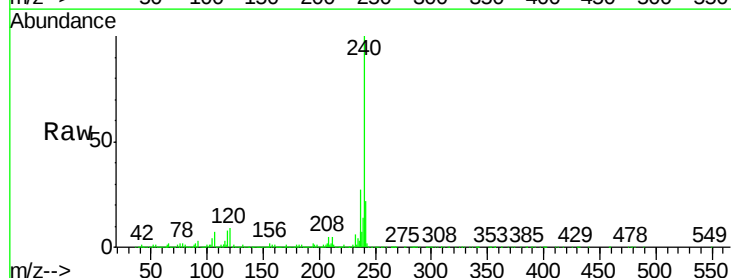
Instrument :
BNA_G
ClientSampleId :
SB-58-14.0-15.0RE

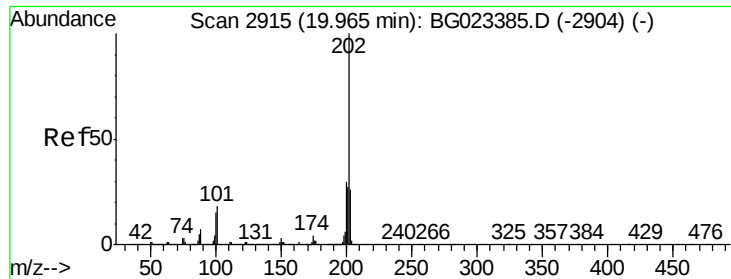
Tgt Ion: 202 Resp: 1600
Ion Ratio Lower Upper
202 100
101 23.2 0.0 27.4
203 33.1 1.7 41.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. 0.00 min
Lab File: BG023733.D
Acq: 16 Aug 2016 18:40

Tgt Ion: 240 Resp: 1623545
Ion Ratio Lower Upper
240 100
120 8.6 4.1 6.1#
236 27.2 21.1 31.7

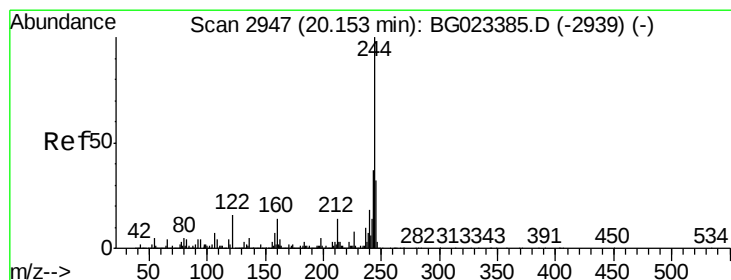
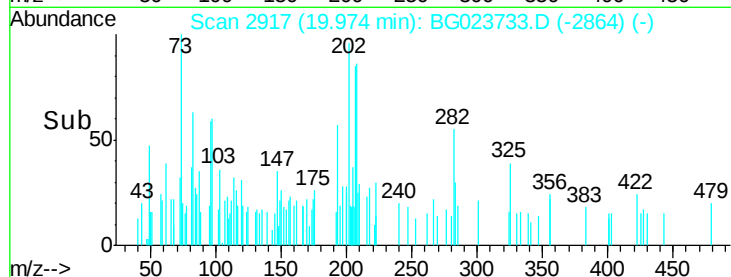
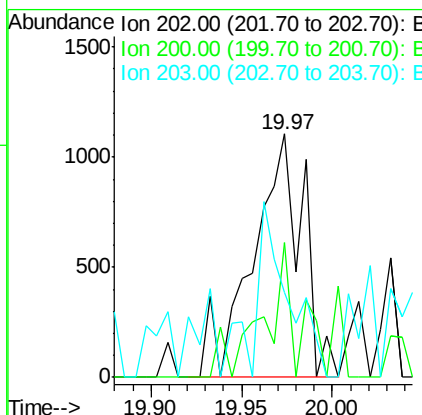
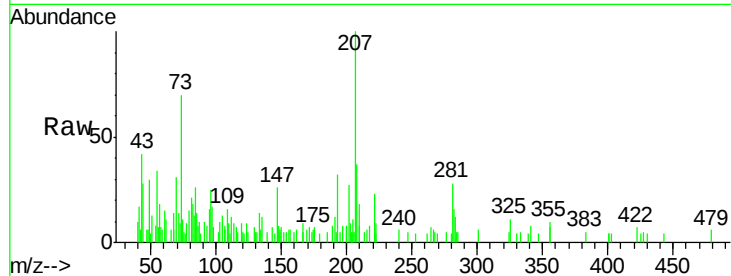




#77
 Pyrene
 Concen: Below Cal
 RT: 19.97 min Scan# 2917
 Delta R.T. 0.01 min
 Lab File: BG023733.D
 Acq: 16 Aug 2016 18:40

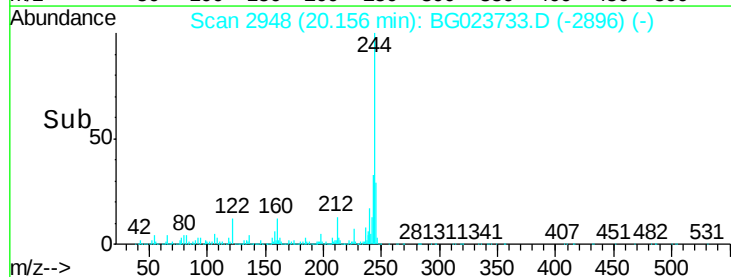
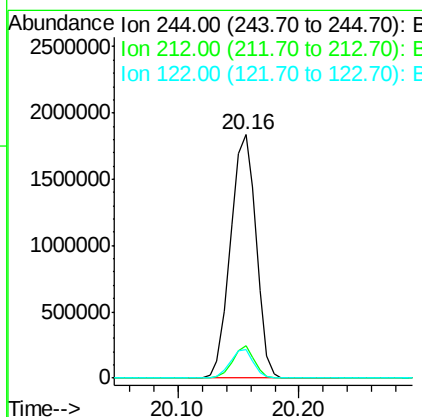
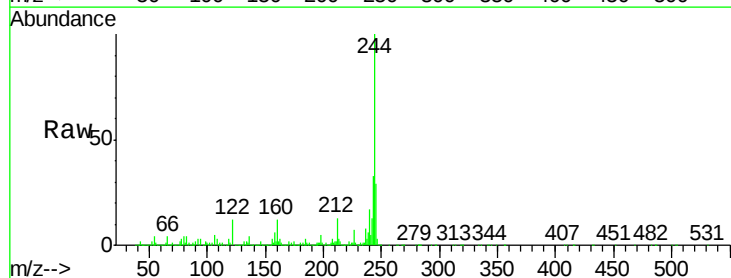
Instrument :
 BNA_G
 ClientSampleId :
 SB-58-14.0-15.0RE

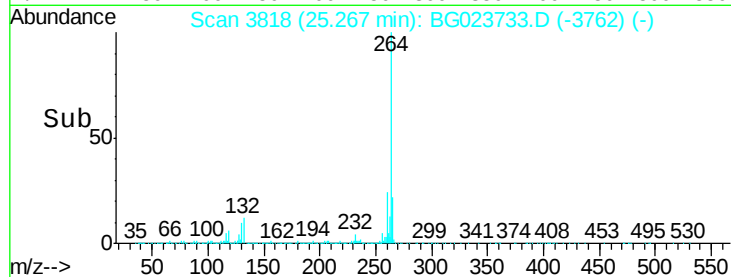
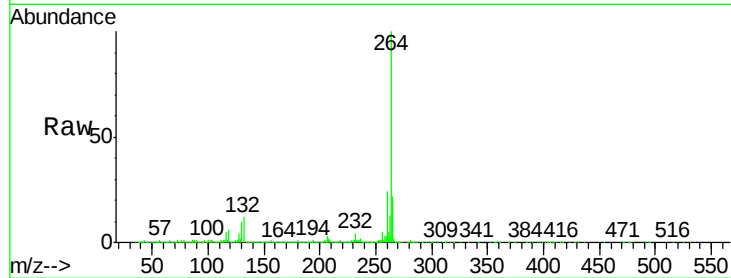
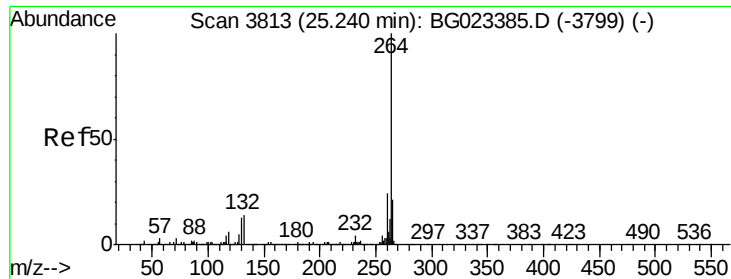
Tgt Ion	Ratio	Lower	Upper
202	100		
200	55.4	21.2	31.8#
203	35.1	16.8	25.2#



#78
 Terphenyl-d14
 Concen: 42.59 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. 0.00 min
 Lab File: BG023733.D
 Acq: 16 Aug 2016 18:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	13.2	10.8	16.2
122	11.8	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.27 min Scan# 3818
Delta R.T. 0.03 min
Lab File: BG023733.D
Acq: 16 Aug 2016 18:40

Instrument :
BNA_G
ClientSampleId :
SB-58-14.0-15.0RE

Tgt Ion: 264 Resp: 1659600

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	21.9	18.9	28.3

