

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082216\
 Data File : BG023837.D
 Acq On : 22 Aug 2016 17:30
 Operator : UM/SJ
 Sample : H4550-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-COMPOSITE

Quant Time: Aug 23 00:54:50 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

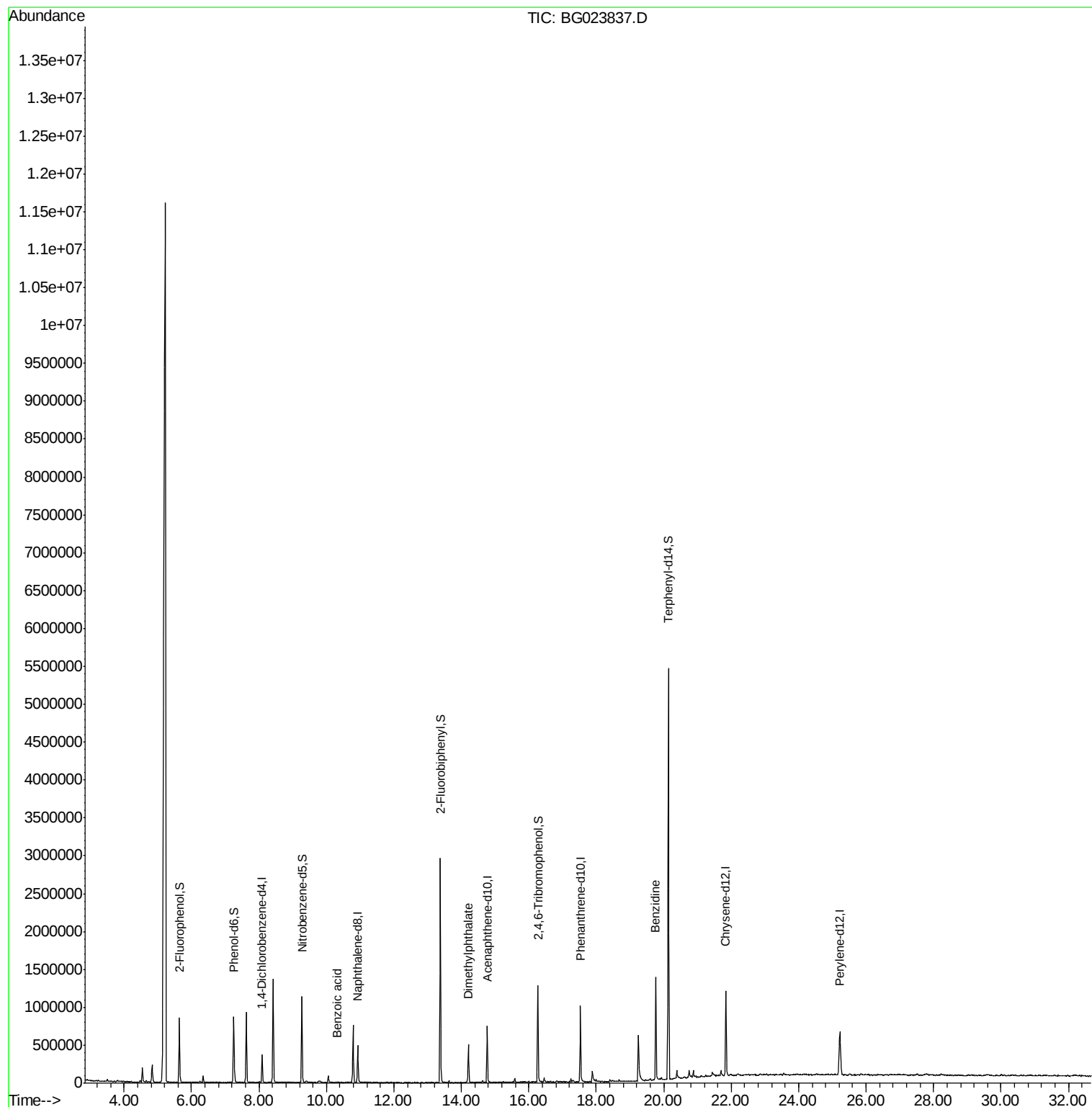
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	100360	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	399470	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	250321	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	586366	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	679464	20.00	ng	-0.02
86) Perylene-d12	25.22	264	665143	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	354816	59.51	ng	-0.02
7) Phenol-d6	7.25	99	514255	55.38	ng	-0.03
23) Nitrobenzene-d5	9.27	82	748829	93.19	ng	-0.03
41) 2,4,6-Tribromophenol	16.27	330	245466	67.04	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1431691	96.47	ng	-0.02
78) Terphenyl-d14	20.14	244	2128712	101.83	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.25	77	1101	Below Cal	#	18
32) Benzoic acid	10.33	122	195	6.47 ng	#	30
49) Dimethylphthalate	14.20	163	329722	17.17 ng		99
73) Di-n-butylphthalate	18.47	149	15055	Below Cal		95
74) Fluoranthene	19.59	202	4119	Below Cal		87
76) Benzidine	19.76	184	759234	40.20 ng		97
77) Pyrene	19.95	202	4066	Below Cal	#	90

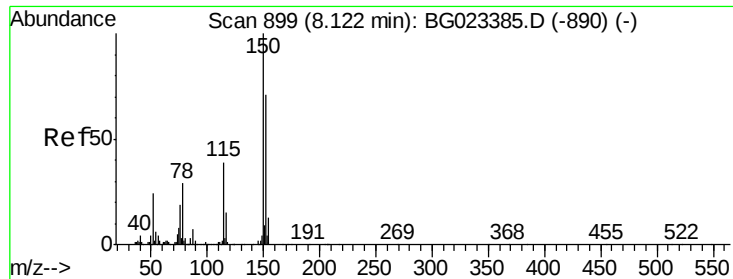
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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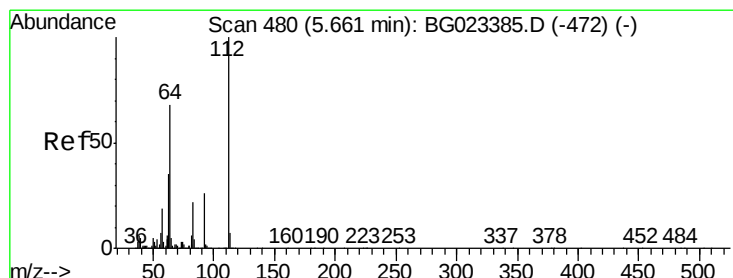
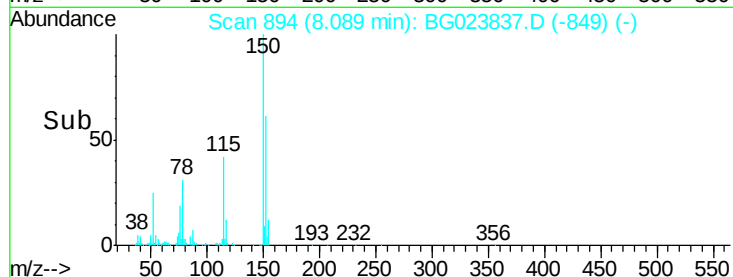
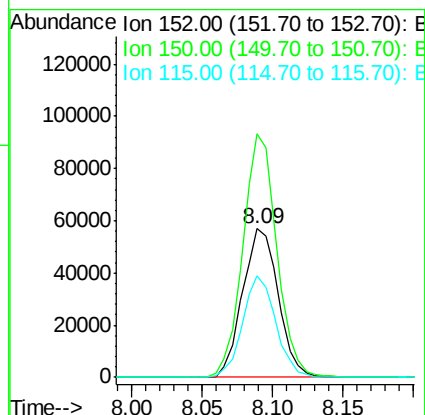
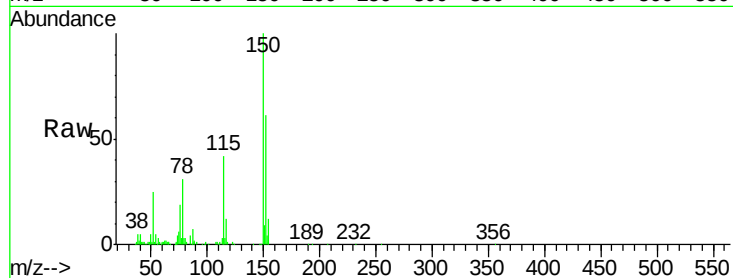


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.03 min
Lab File: BG023837.D
Acq: 22 Aug 2016 17:30

Instrument :
BNA_G
ClientSampleId :
TP-4-COMPOSITE

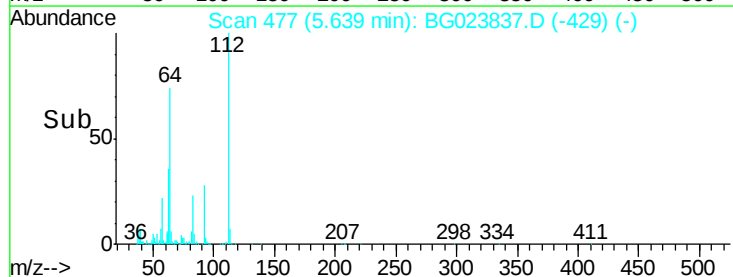
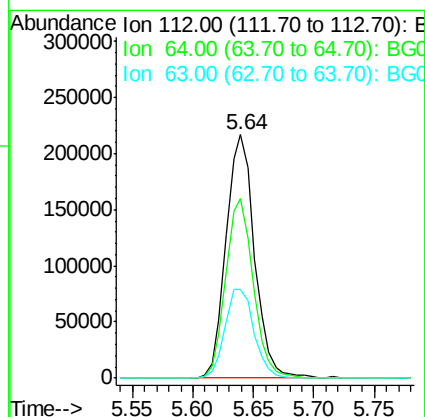
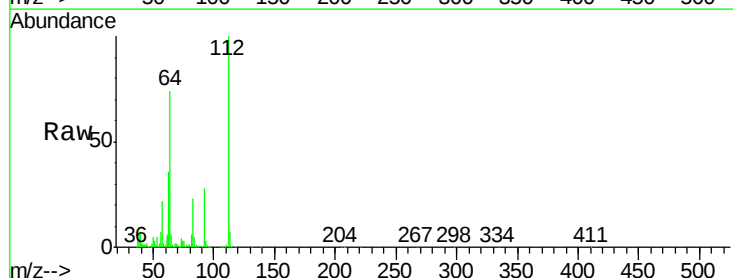
Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.9	144.7	217.1
115	68.7	64.0	96.0

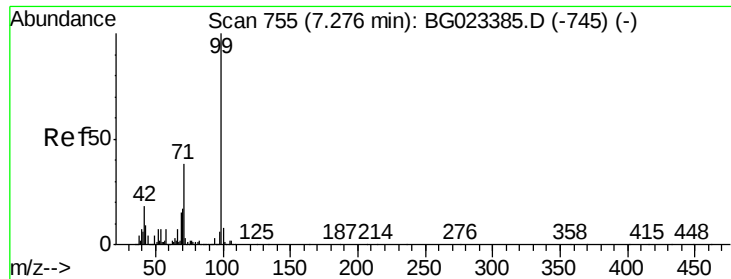


#5

2-Fluorophenol
Concen: 59.51 ng
RT: 5.64 min Scan# 477
Delta R.T. -0.02 min
Lab File: BG023837.D
Acq: 22 Aug 2016 17:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.8	59.0	88.4
63	36.2	37.8	56.8#





#7

Phenol-d6

Concen: 55.38 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023837.D

Acq: 22 Aug 2016 17:30

Instrument :

BNA_G

ClientSampleId :

TP-4-COMPOSITE

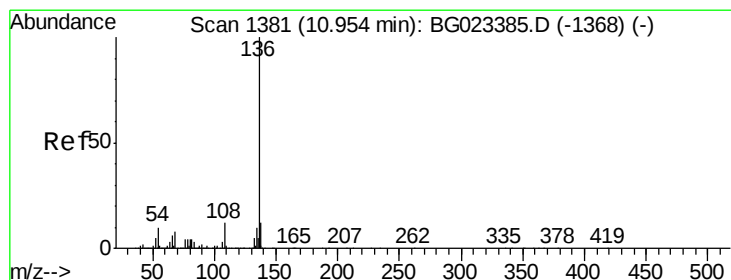
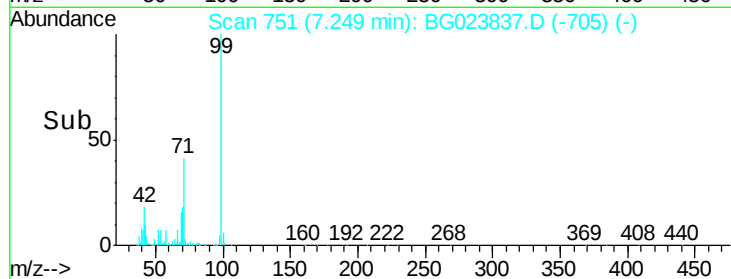
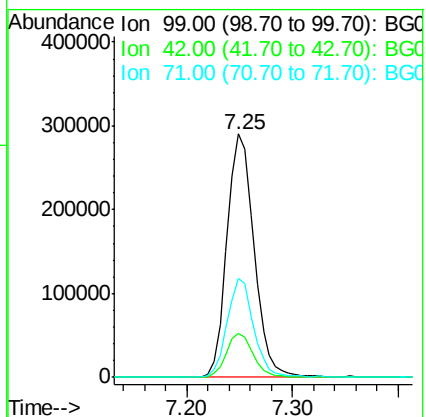
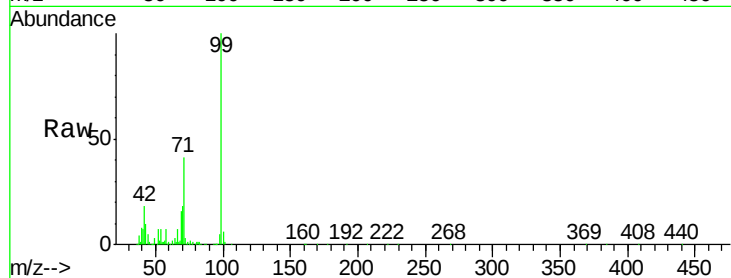
Tgt Ion: 99 Resp: 514255

Ion Ratio Lower Upper

99 100

42 18.3 17.8 26.6

71 40.8 41.5 62.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.03 min

Lab File: BG023837.D

Acq: 22 Aug 2016 17:30

Tgt Ion: 136 Resp: 399470

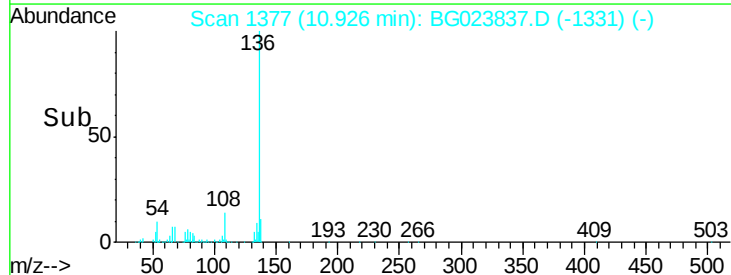
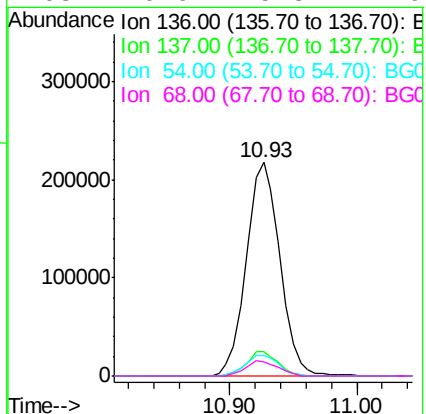
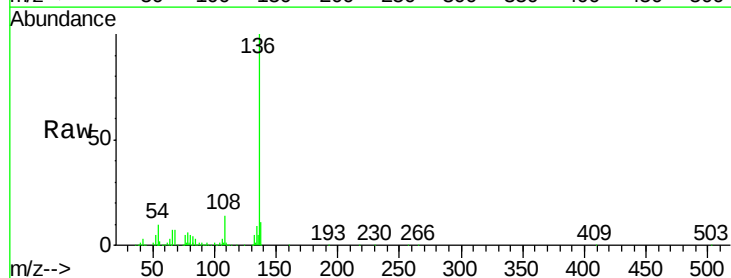
Ion Ratio Lower Upper

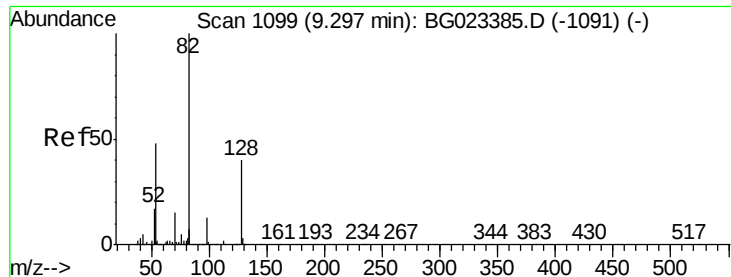
136 100

137 11.3 9.6 14.4

54 9.7 7.3 10.9

68 6.6 5.3 7.9

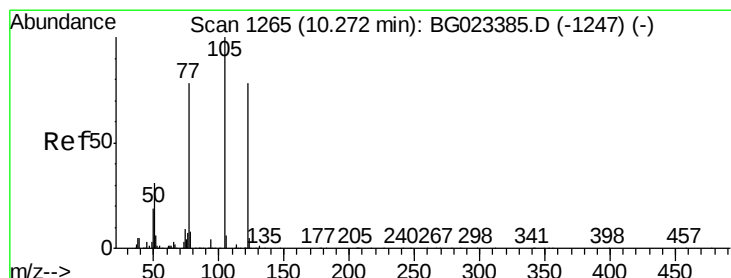
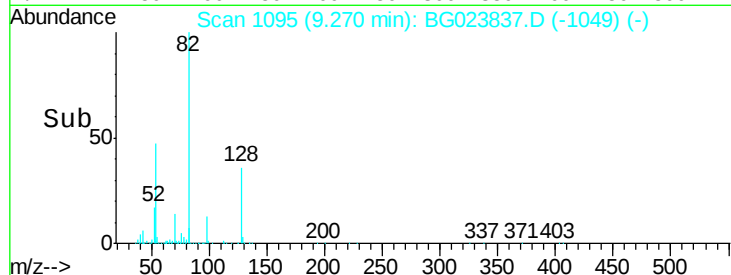
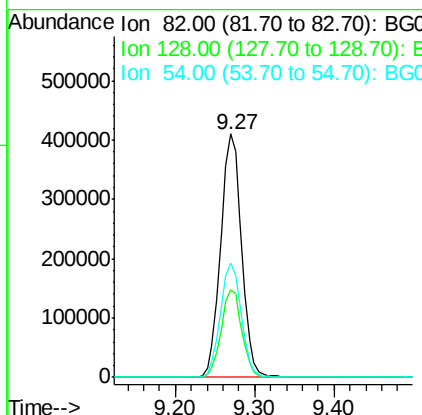
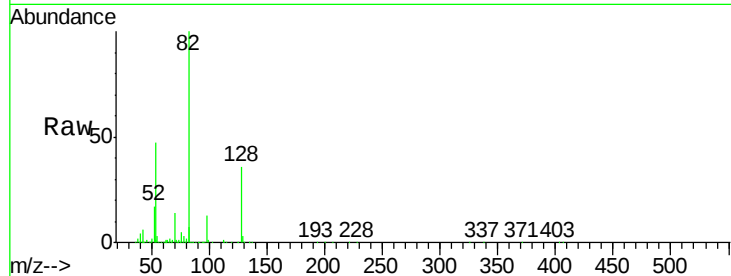




#23
 Nitrobenzene-d5
 Concen: 93.19 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG023837.D
 Acq: 22 Aug 2016 17:30

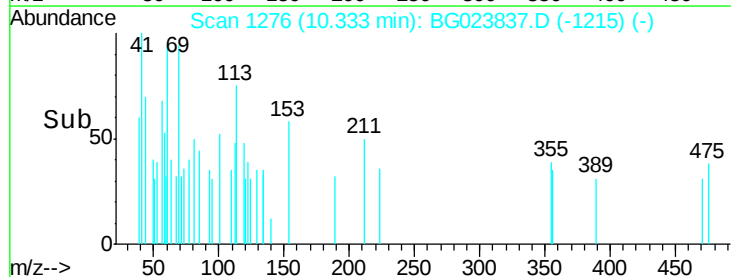
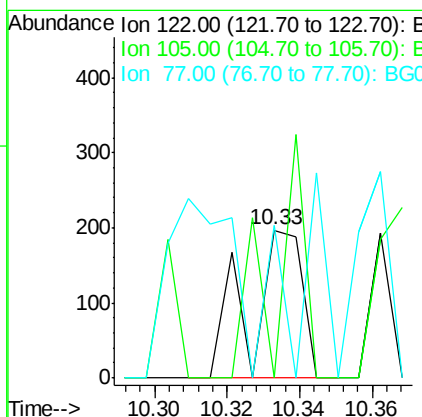
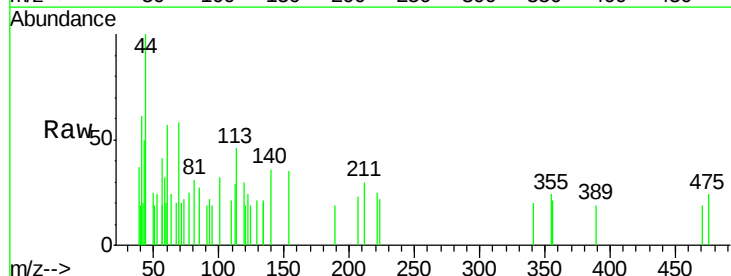
Instrument :
 BNA_G
 ClientSampleId :
 TP-4-COMPOSITE

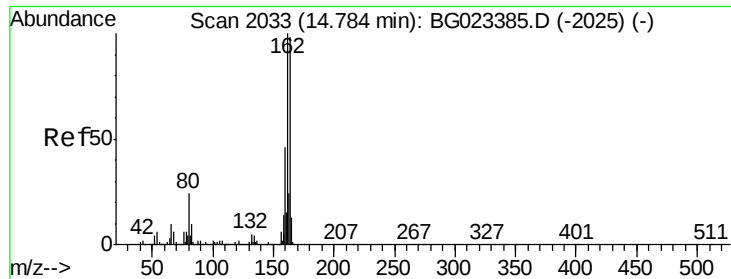
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.0	24.4	36.6
54	47.2	41.4	62.0



#32
 Benzoic acid
 Concen: 6.47 ng
 RT: 10.33 min Scan# 1276
 Delta R.T. 0.06 min
 Lab File: BG023837.D
 Acq: 22 Aug 2016 17:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	103.0	109.2	149.2#

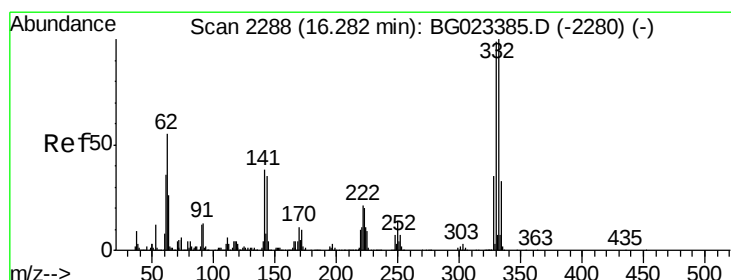
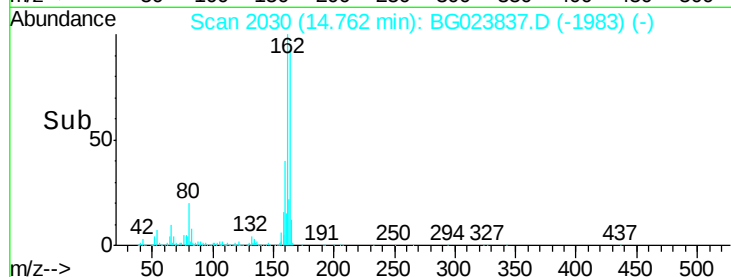
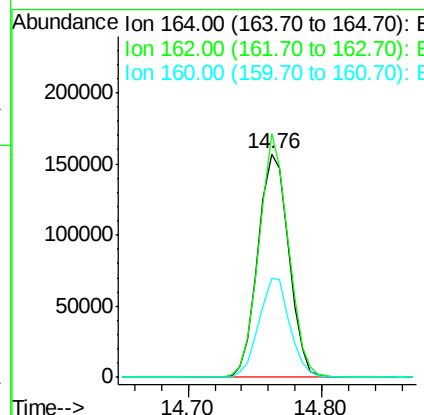
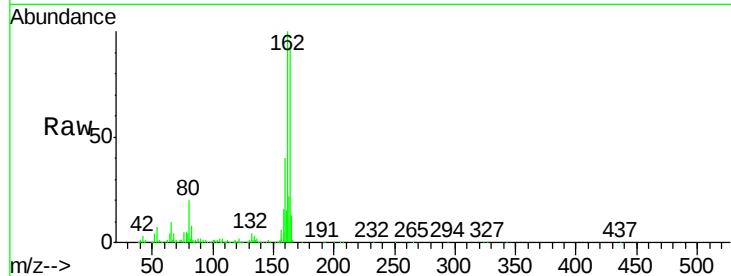




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BG023837.D
Acq: 22 Aug 2016 17:30

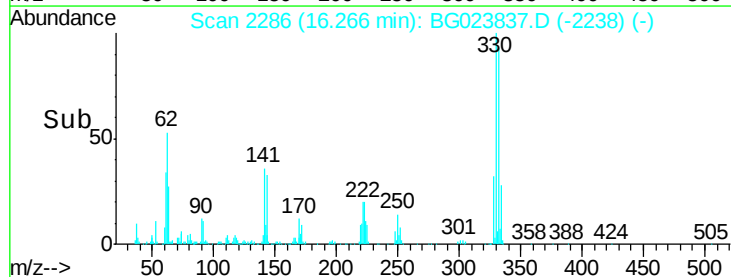
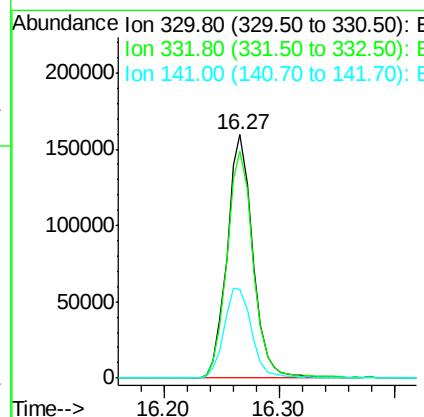
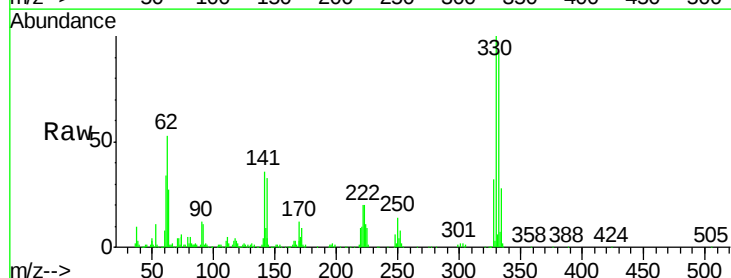
Instrument :
BNA_G
ClientSampleId :
TP-4-COMPOSITE

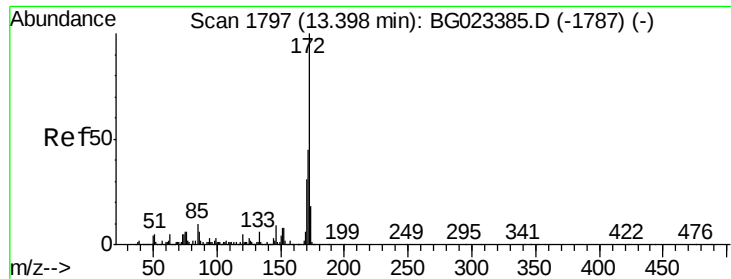
Tgt Ion:164 Resp: 250321
Ion Ratio Lower Upper
164 100
162 108.8 87.7 131.5
160 44.0 37.2 55.8



#41
2,4,6-Tribromophenol
Concen: 67.04 ng
RT: 16.27 min Scan# 2286
Delta R.T. -0.02 min
Lab File: BG023837.D
Acq: 22 Aug 2016 17:30

Tgt Ion:330 Resp: 245466
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.2
141 39.7 31.7 47.5

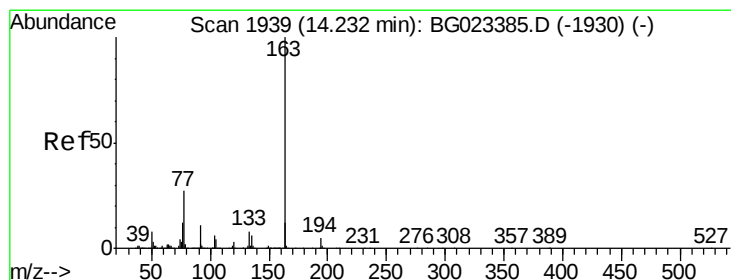
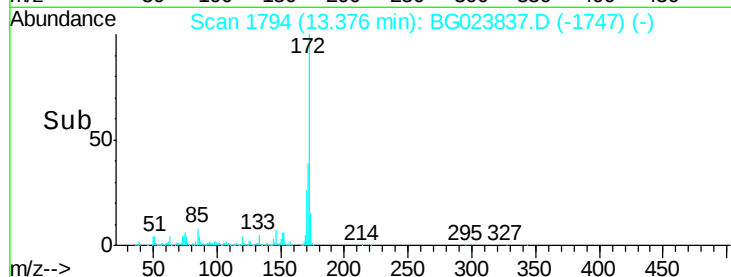
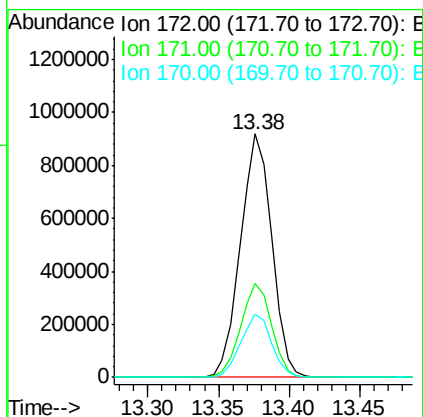
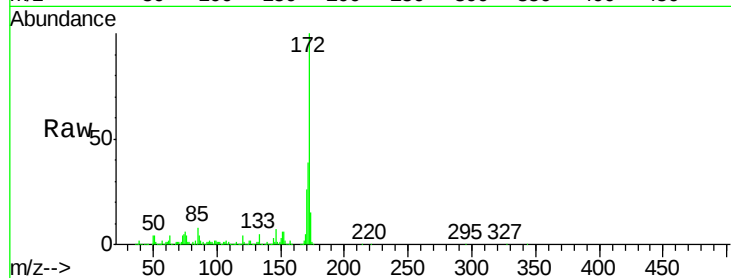




#44
2-Fluorobiphenyl
Concen: 96.47 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG023837.D
Acq: 22 Aug 2016 17:30

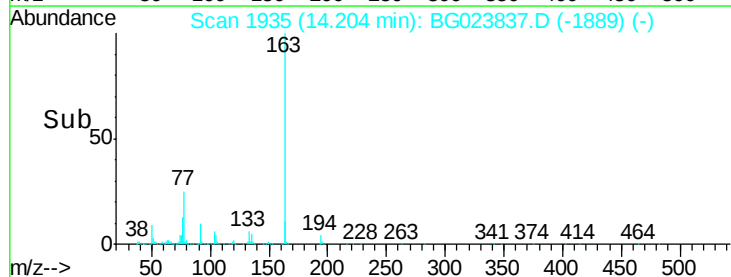
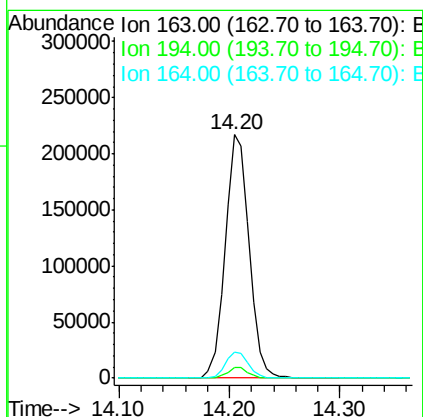
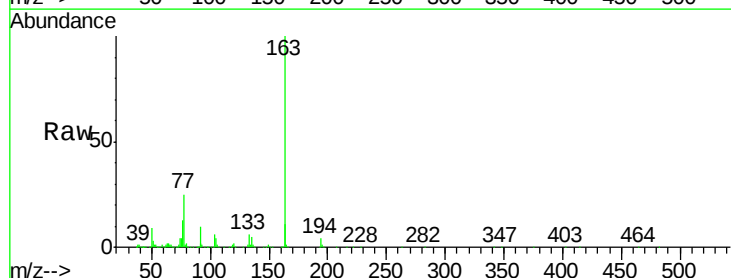
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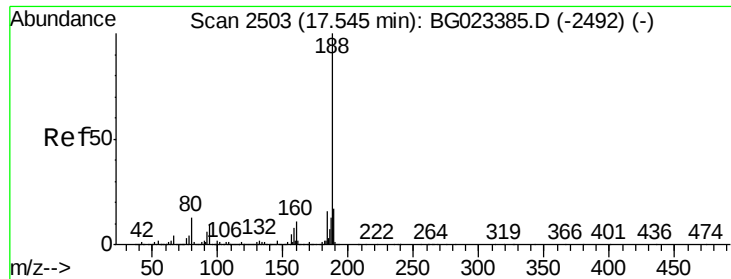
Tgt Ion:172 Resp: 1431691
Ion Ratio Lower Upper
172 100
171 38.7 31.6 47.4
170 25.8 21.3 31.9



#49
Dimethylphthalate
Concen: 17.17 ng
RT: 14.20 min Scan# 1935
Delta R.T. -0.03 min
Lab File: BG023837.D
Acq: 22 Aug 2016 17:30

Tgt Ion:163 Resp: 329722
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 10.6 8.1 12.1

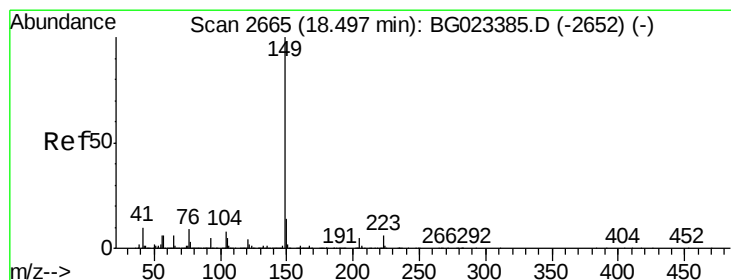
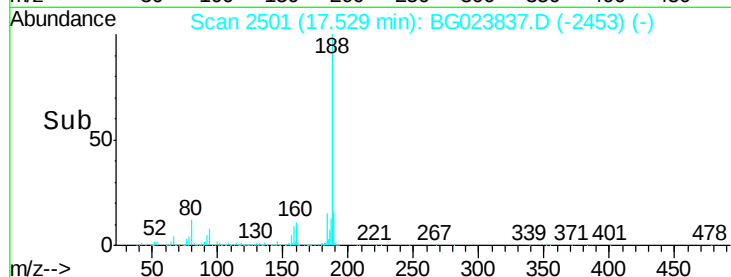
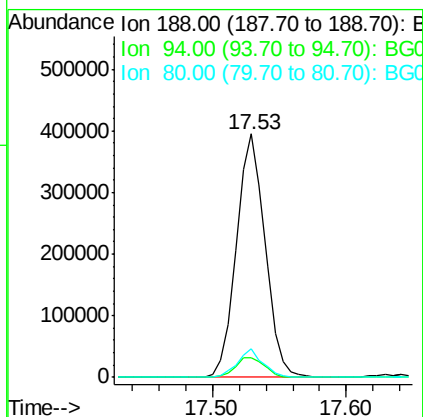
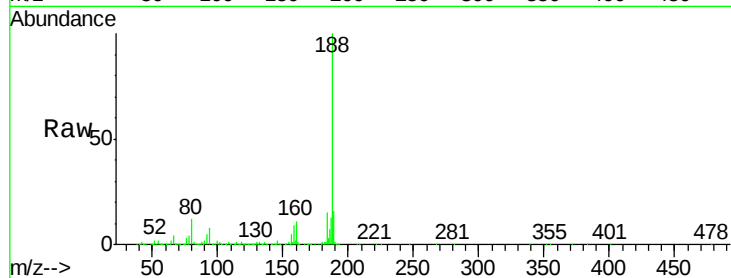




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.02 min
Lab File: BG023837.D
Acq: 22 Aug 2016 17:30

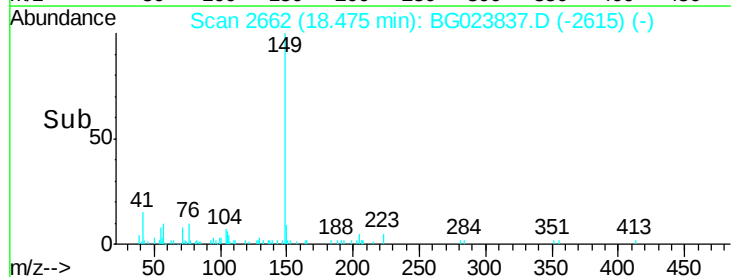
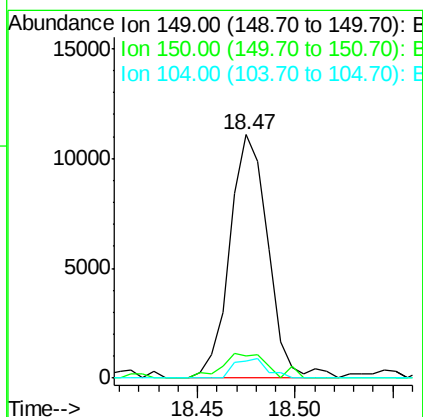
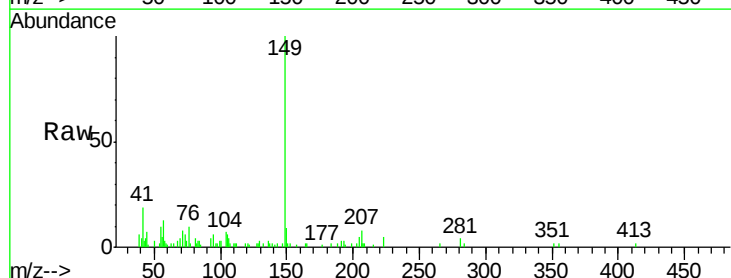
Instrument :
BNA_G
ClientSampleId :
TP-4-COMPOSITE

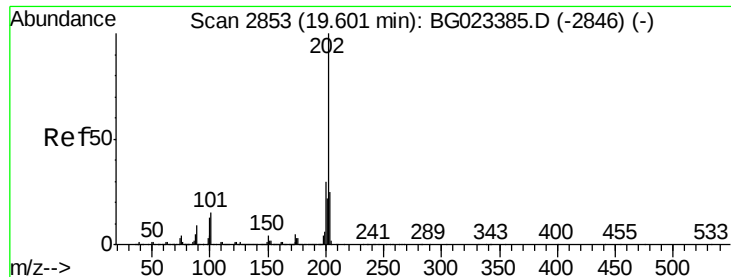
Tgt Ion:188 Resp: 586366
Ion Ratio Lower Upper
188 100
94 8.1 5.2 7.8#
80 11.6 7.2 10.8#



#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.47 min Scan# 2662
Delta R.T. -0.02 min
Lab File: BG023837.D
Acq: 22 Aug 2016 17:30

Tgt Ion:149 Resp: 15055
Ion Ratio Lower Upper
149 100
150 9.2 9.1 13.7
104 7.0 6.9 10.3





#74

Fluoranthene

Concen: Below Cal

RT: 19.59 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG023837.D

Acq: 22 Aug 2016 17:30

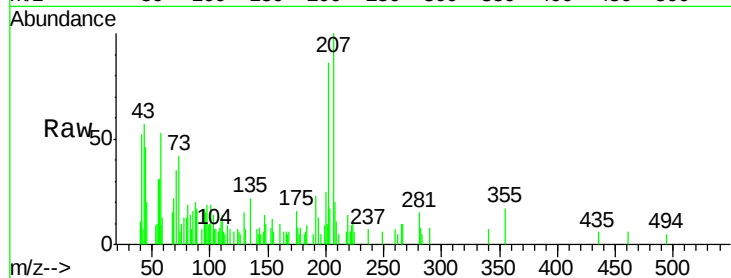
Instrument :

BNA_G

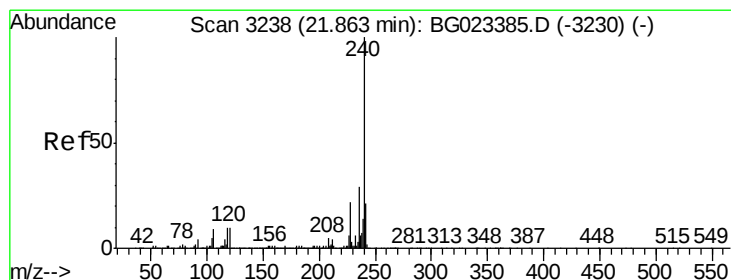
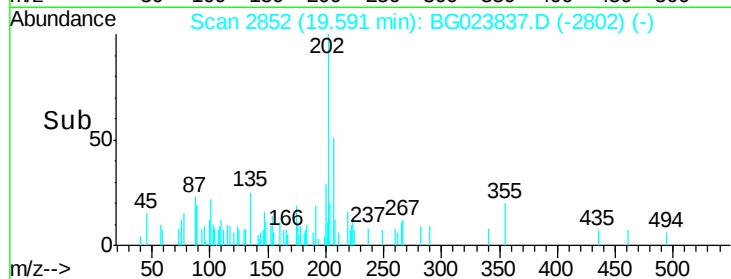
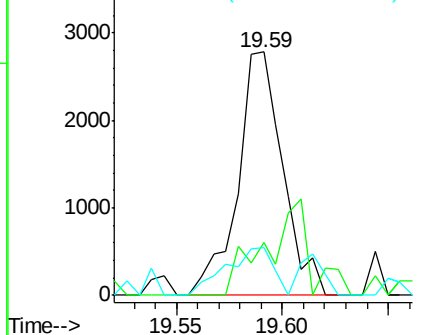
ClientSampleId :

TP-4-COMPOSITE

Tgt Ion:	202	Resp:	4119
Ion	Ratio	Lower	Upper
202	100		
101	21.7	0.0	27.4
203	19.9	1.7	41.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

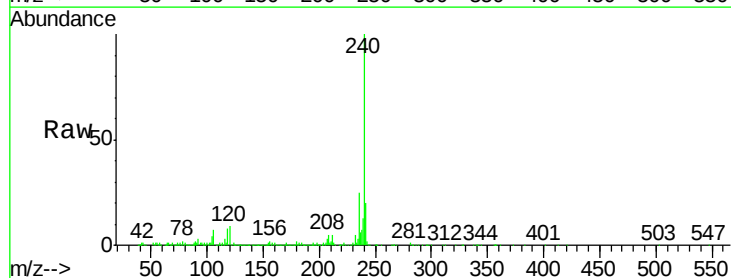
RT: 21.84 min Scan# 3235

Delta R.T. -0.02 min

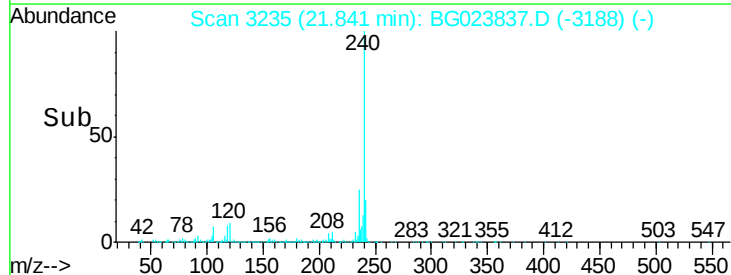
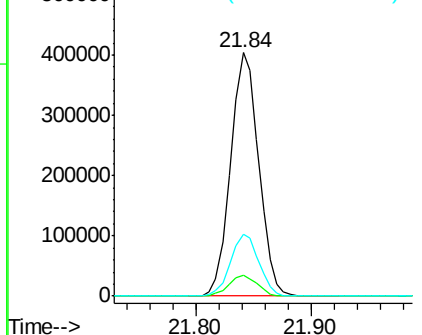
Lab File: BG023837.D

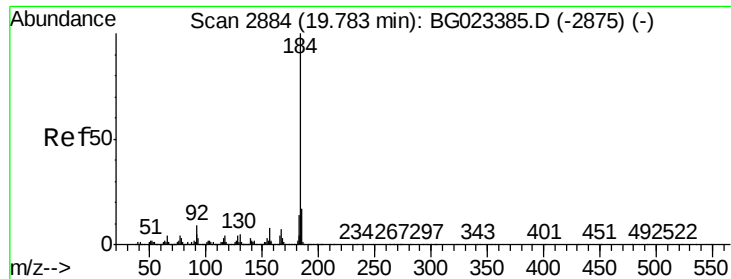
Acq: 22 Aug 2016 17:30

Tgt Ion:	240	Resp:	679464
Ion	Ratio	Lower	Upper
240	100		
120	8.6	4.1	6.1#
236	25.2	21.1	31.7



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

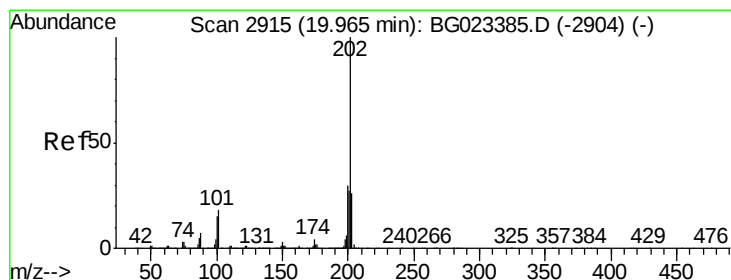
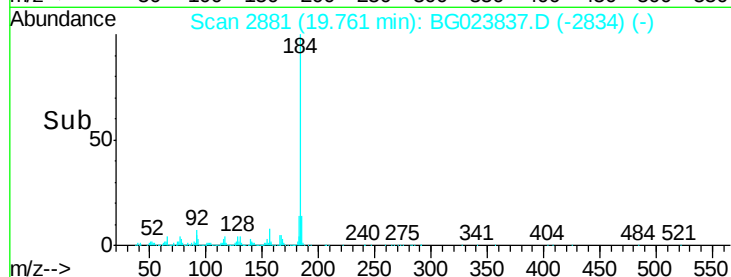
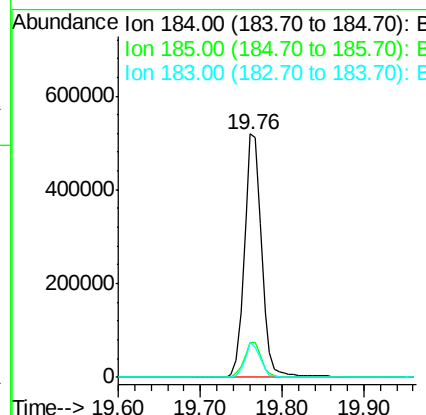
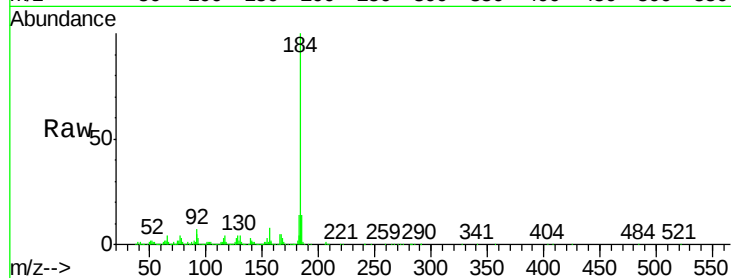




#76
Benzidine
Concen: 40.20 ng
RT: 19.76 min Scan# 2881
Delta R.T. -0.02 min
Lab File: BG023837.D
Acq: 22 Aug 2016 17:30

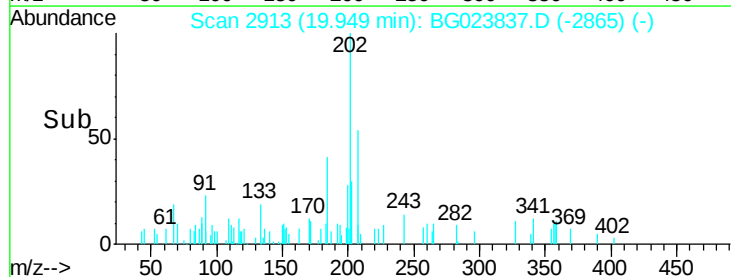
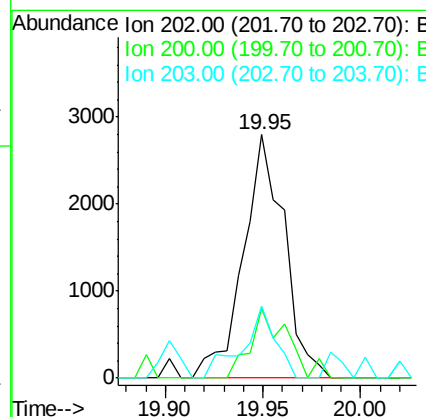
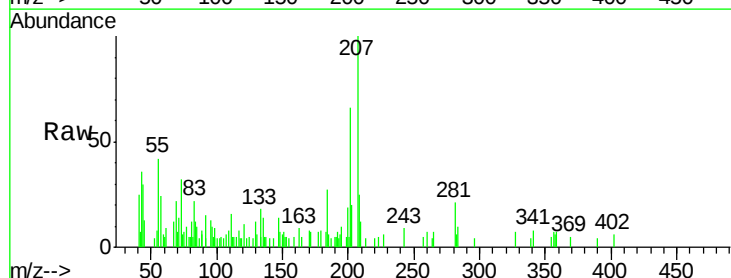
Instrument :
BNA_G
ClientSampleId :
TP-4-COMPOSITE

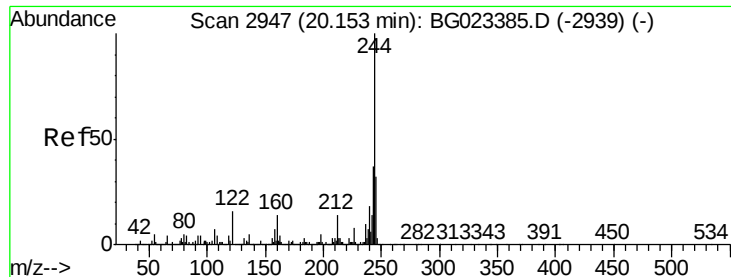
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	19.0
183	14.2	10.7	16.1



#77
Pyrene
Concen: Below Cal
RT: 19.95 min Scan# 2913
Delta R.T. -0.02 min
Lab File: BG023837.D
Acq: 22 Aug 2016 17:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	28.5	21.2	31.8
203	29.5	16.8	25.2





#78

Terphenyl-d14

Concen: 101.83 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.02 min

Lab File: BG023837.D

Acq: 22 Aug 2016 17:30

Instrument :

BNA_G

ClientSampleId :

TP-4-COMPOSITE

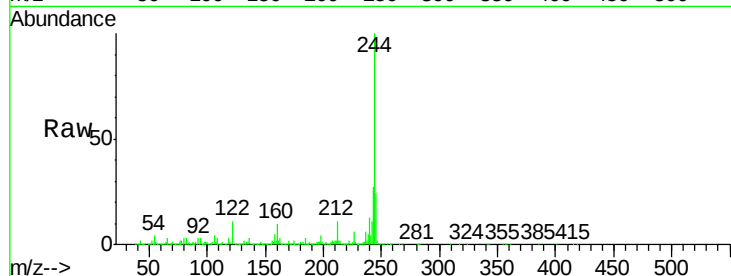
Tgt Ion:244 Resp: 2128712

Ion Ratio Lower Upper

244 100

212 10.8 10.8 16.2

122 10.9 8.0 12.0



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

2000000

1500000

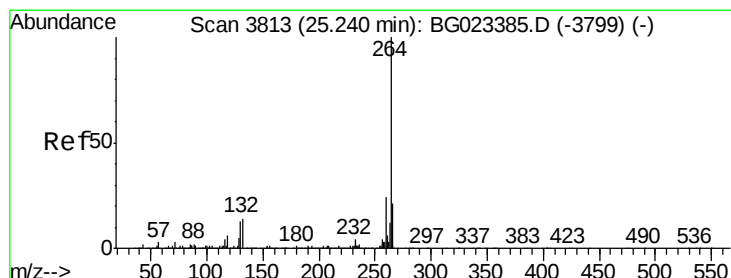
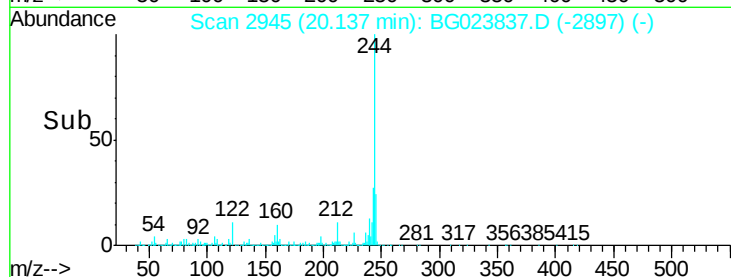
1000000

500000

0

20.05 20.10 20.15 20.20

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.22 min Scan# 3810

Delta R.T. -0.02 min

Lab File: BG023837.D

Acq: 22 Aug 2016 17:30

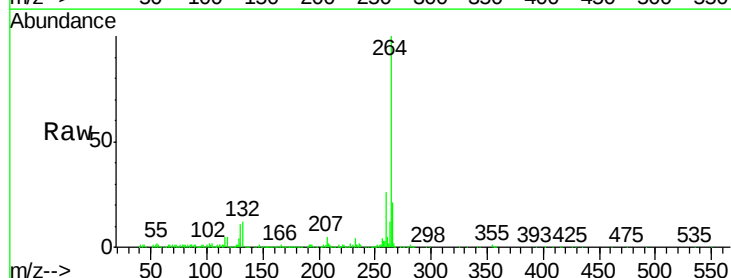
Tgt Ion:264 Resp: 665143

Ion Ratio Lower Upper

264 100

260 25.9 18.4 27.6

265 21.1 18.9 28.3



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

300000

250000

200000

150000

100000

50000

0

25.10 25.20 25.30

Time-->

