

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
 Data File : BG023878.D
 Acq On : 24 Aug 2016 6:47
 Operator : UM/SJ
 Sample : H4556-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-02

Quant Time: Aug 24 08:02:43 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

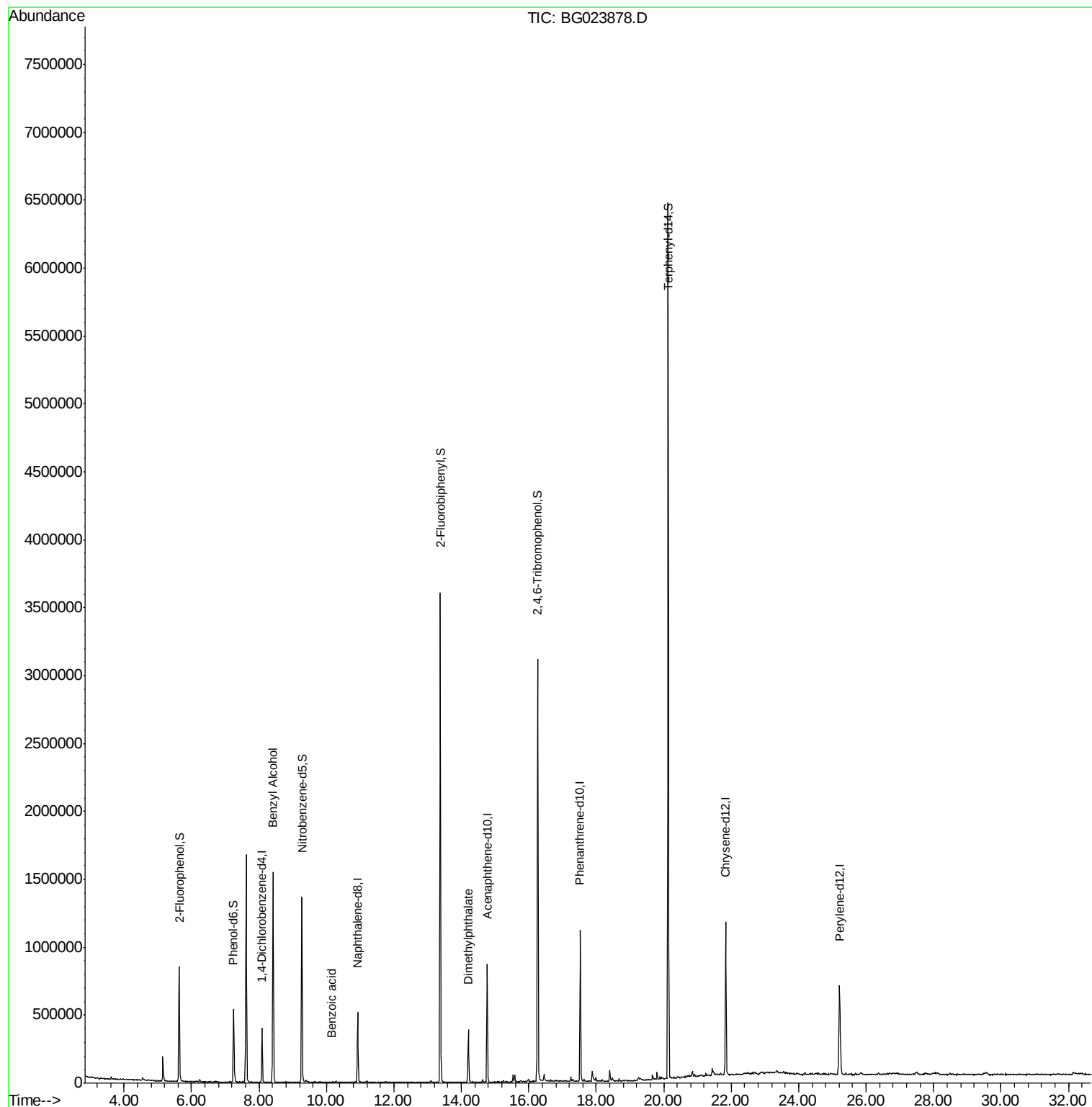
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	103645	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	439184	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	287154	20.00	ng	-0.02
63) Phenanthrene-d10	17.52	188	679179	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	705900	20.00	ng	-0.03
86) Perylene-d12	25.21	264	710944	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	370323	60.14	ng	-0.03
7) Phenol-d6	7.25	99	329879	34.40	ng	-0.03
23) Nitrobenzene-d5	9.27	82	884860	100.17	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	539018	128.33	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1745013	102.50	ng	-0.02
78) Terphenyl-d14	20.13	244	2407867	113.07	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.21	77	306	Below Cal	#	8
15) Benzyl Alcohol	8.42	79	15628	2.15 ng	#	60
32) Benzoic acid	10.17	122	91	6.46 ng	#	12
49) Dimethylphthalate	14.20	163	243453	11.05 ng		98
73) Di-n-butylphthalate	18.48	149	13783	Below Cal		97
74) Fluoranthene	19.59	202	367	Below Cal	#	60
77) Pyrene	19.95	202	427	Below Cal	#	54

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

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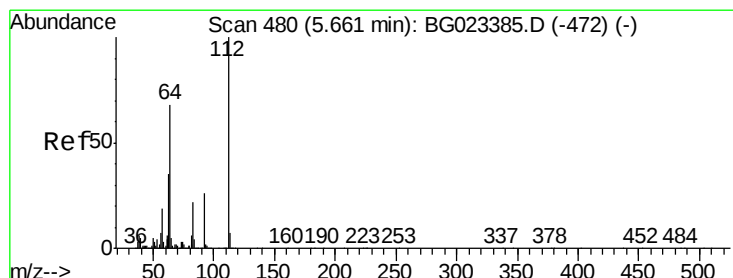
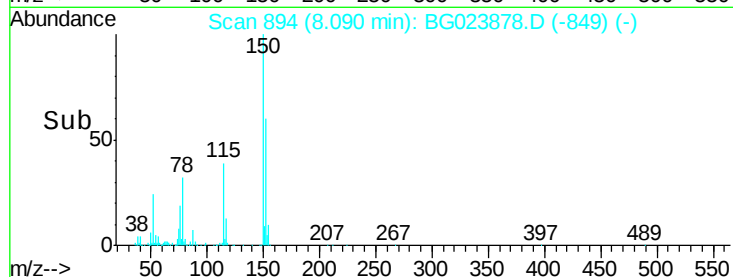
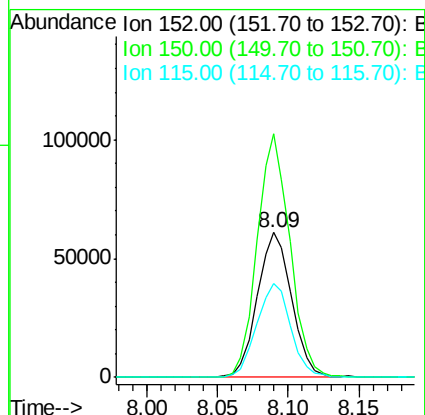
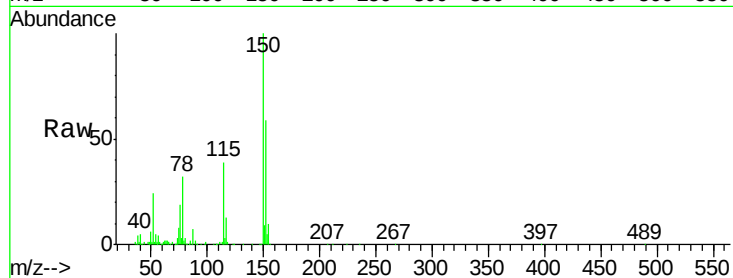


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.03 min
Lab File: BG023878.D
Acq: 24 Aug 2016 6:47

Instrument :
BNA_G
ClientSampleId :
EB-02

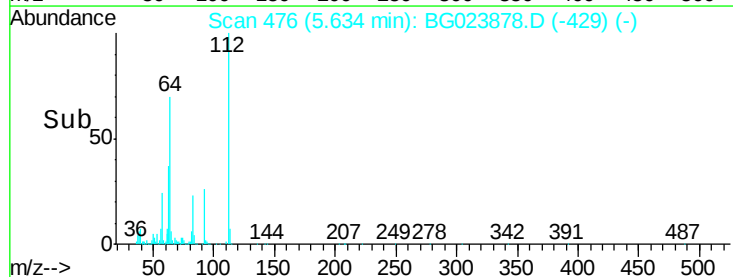
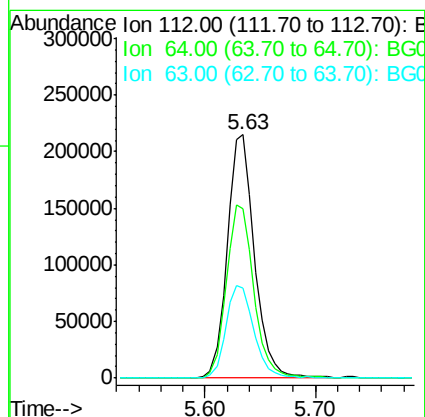
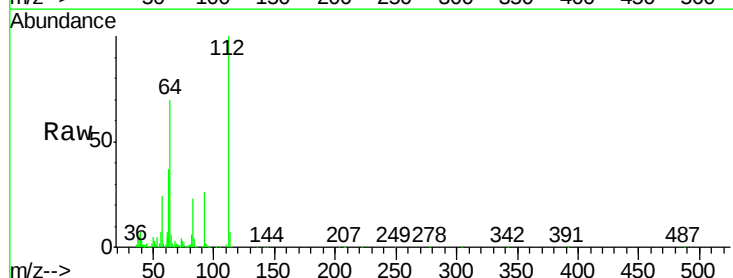
Tgt Ion	Ratio	Lower	Upper
152	100		
150	168.4	144.7	217.1
115	64.9	64.0	96.0

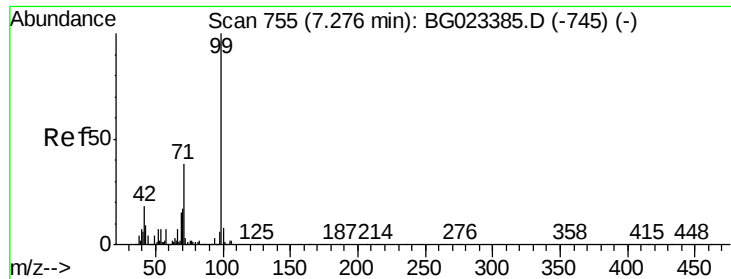


#5

2-Fluorophenol
Concen: 60.14 ng
RT: 5.63 min Scan# 476
Delta R.T. -0.03 min
Lab File: BG023878.D
Acq: 24 Aug 2016 6:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	59.0	88.4
63	37.2	37.8	56.8#





#7

Phenol-d6

Concen: 34.40 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023878.D

Acq: 24 Aug 2016 6:47

Instrument :

BNA_G

ClientSampleId :

EB-02

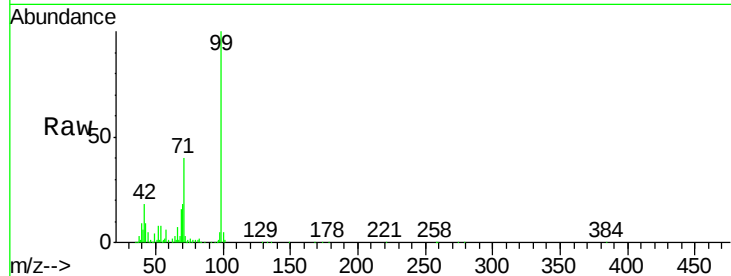
Tgt Ion: 99 Resp: 329879

Ion Ratio Lower Upper

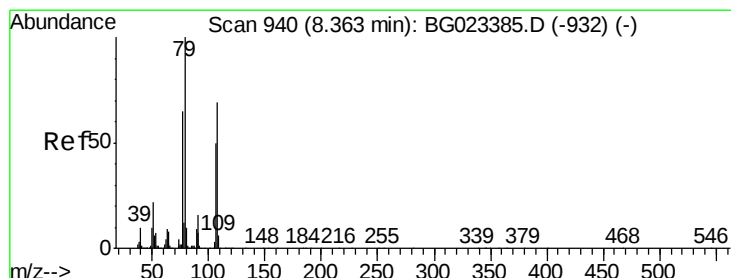
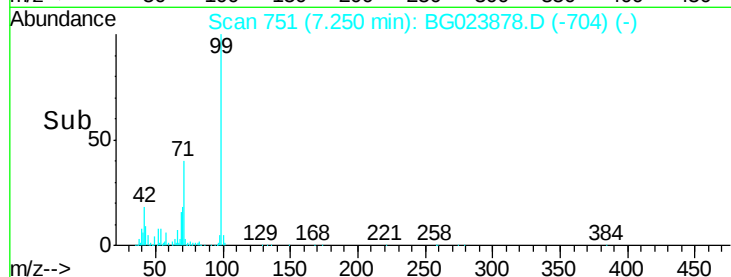
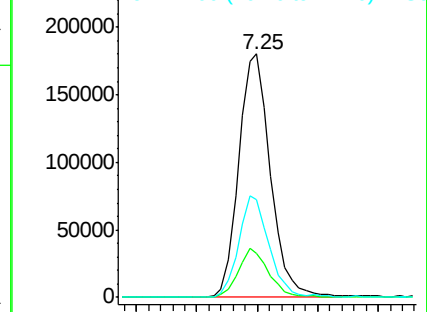
99 100

42 18.1 17.8 26.6

71 39.9 41.5 62.3#



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



#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 8.42 min Scan# 950

Delta R.T. 0.06 min

Lab File: BG023878.D

Acq: 24 Aug 2016 6:47

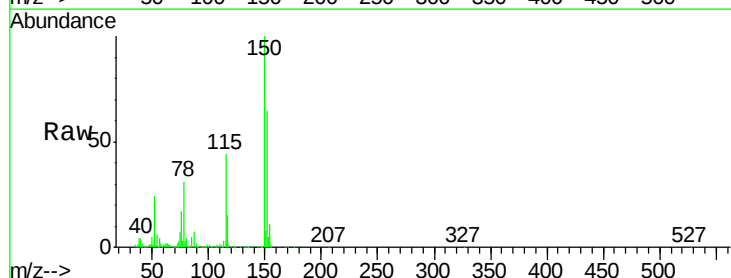
Tgt Ion: 79 Resp: 15628

Ion Ratio Lower Upper

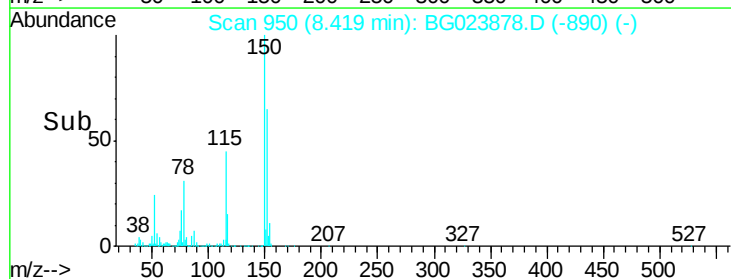
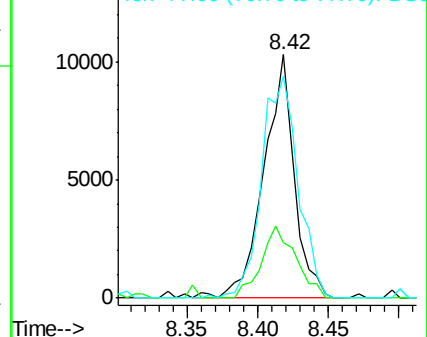
79 100

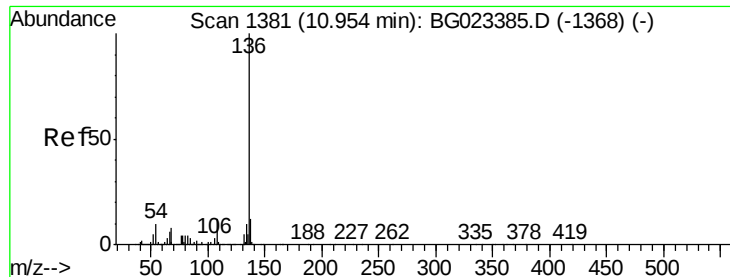
108 22.8 46.5 69.7#

77 91.4 52.3 78.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

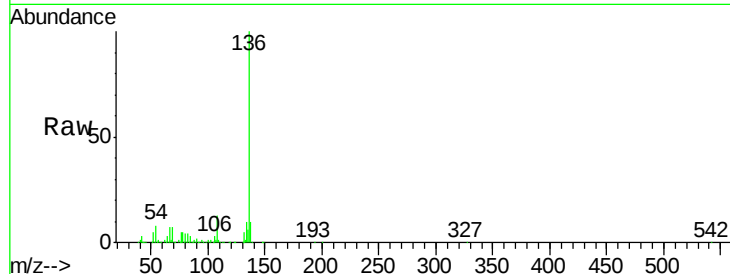




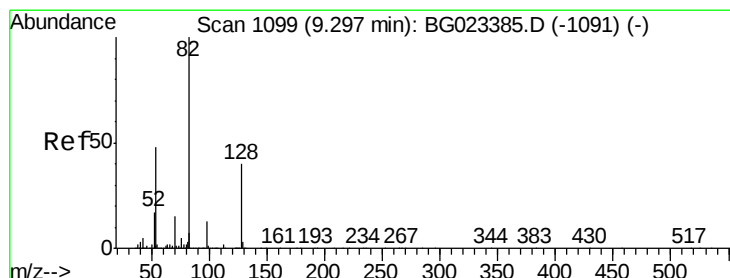
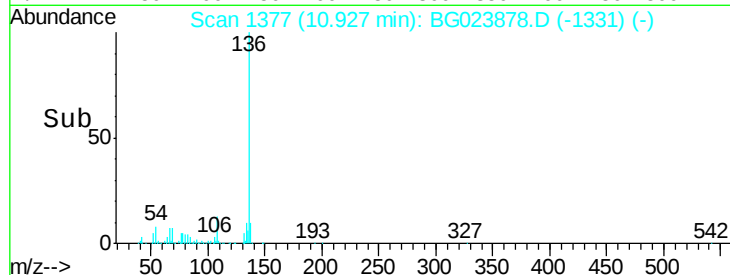
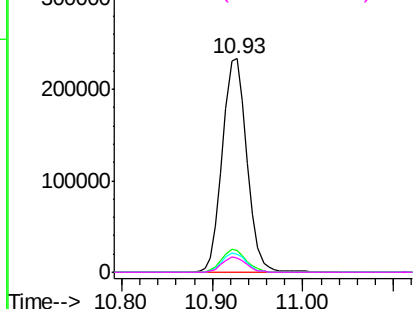
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.03 min
Lab File: BG023878.D
Acq: 24 Aug 2016 6:47

Instrument :
BNA_G
ClientSampleId :
EB-02

Tgt Ion:	136	Resp:	439184
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.6	14.4
54	8.3	7.3	10.9
68	6.9	5.3	7.9

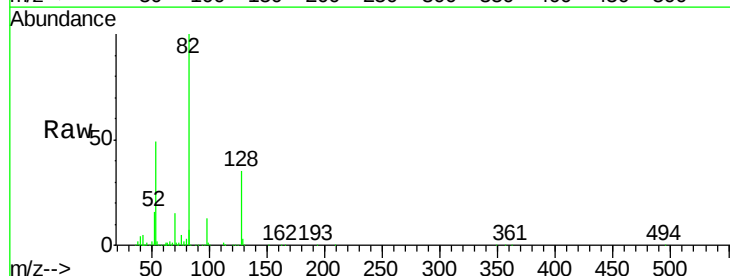


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

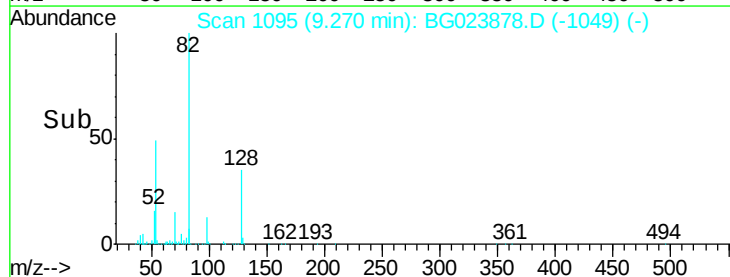
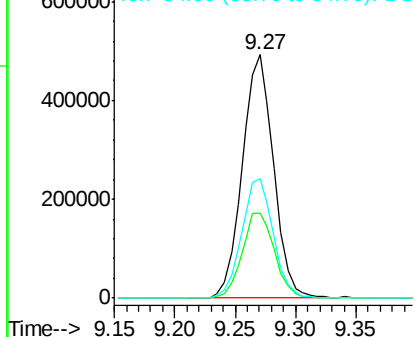


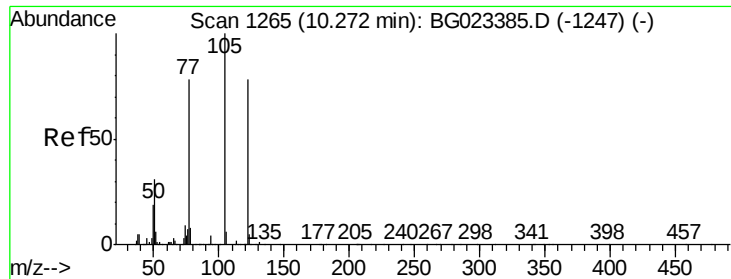
#23
Nitrobenzene-d5
Concen: 100.17 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.03 min
Lab File: BG023878.D
Acq: 24 Aug 2016 6:47

Tgt Ion:	82	Resp:	884860
Ion	Ratio	Lower	Upper
82	100		
128	34.8	24.4	36.6
54	49.3	41.4	62.0



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

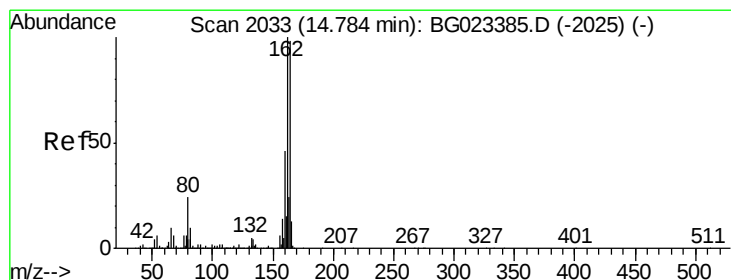
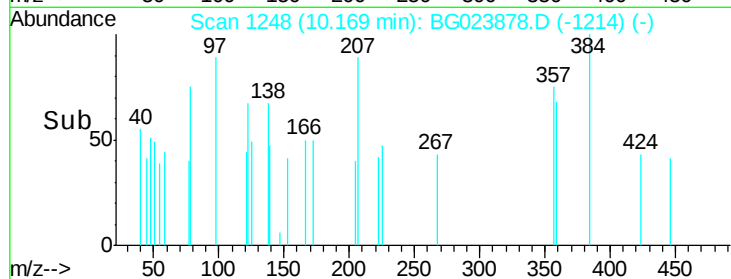
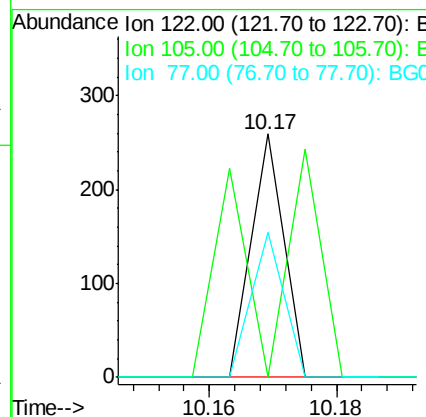
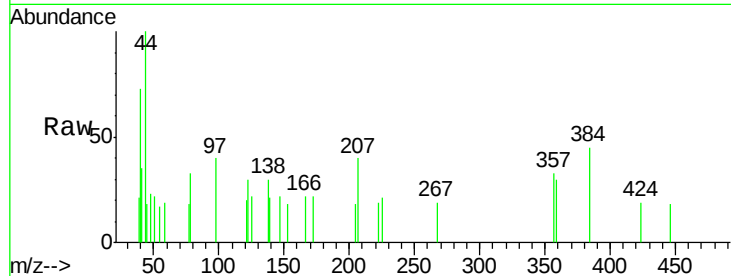




#32
Benzoic acid
Concen: 6.46 ng
RT: 10.17 min Scan# 1248
Delta R.T. -0.10 min
Lab File: BG023878.D
Acq: 24 Aug 2016 6:47

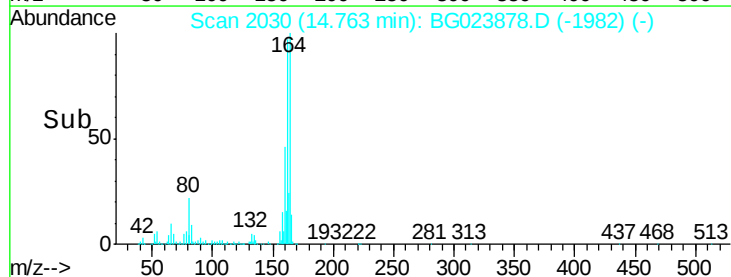
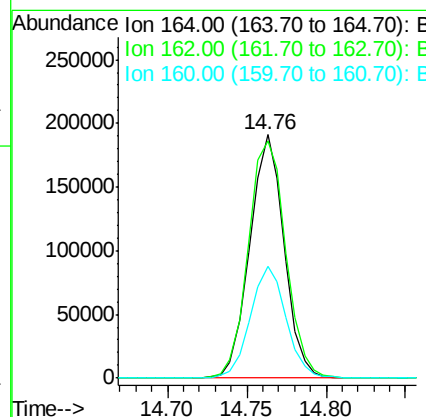
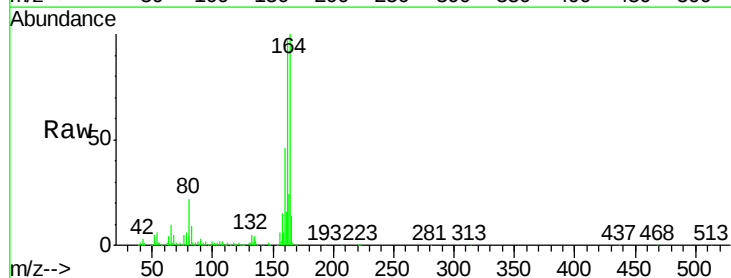
Instrument :
BNA_G
ClientSampleId :
EB-02

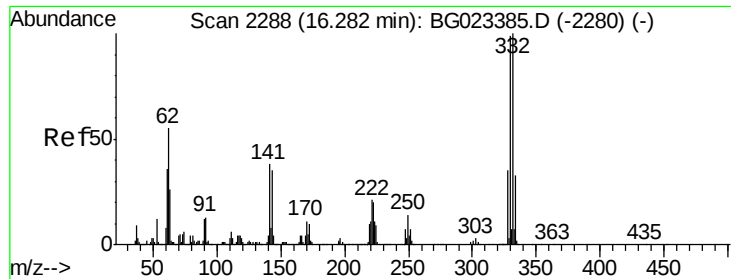
Tgt Ion:122 Resp: 91
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 59.5 109.2 149.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BG023878.D
Acq: 24 Aug 2016 6:47

Tgt Ion:164 Resp: 287154
Ion Ratio Lower Upper
164 100
162 97.3 87.7 131.5
160 45.9 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 128.33 ng

RT: 16.26 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BG023878.D

Acq: 24 Aug 2016 6:47

Instrument :

BNA_G

ClientSampleId :

EB-02

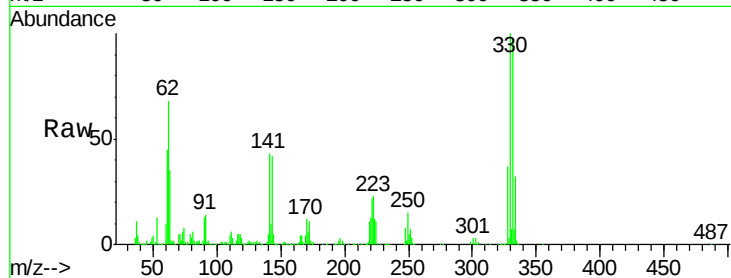
Tgt Ion:330 Resp: 539018

Ion Ratio Lower Upper

330 100

332 94.3 77.4 116.2

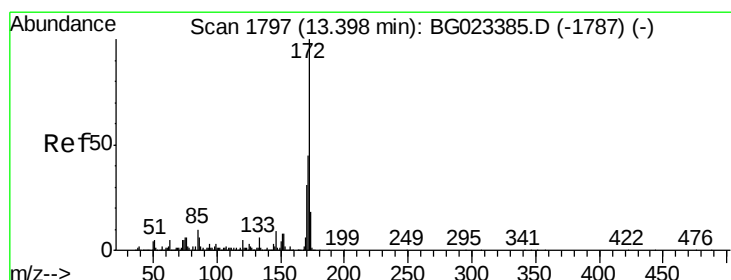
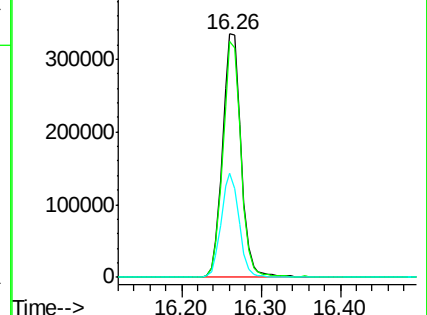
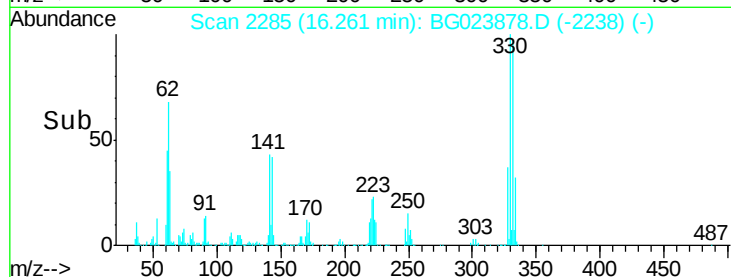
141 41.6 31.7 47.5



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: 102.50 ng

RT: 13.38 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BG023878.D

Acq: 24 Aug 2016 6:47

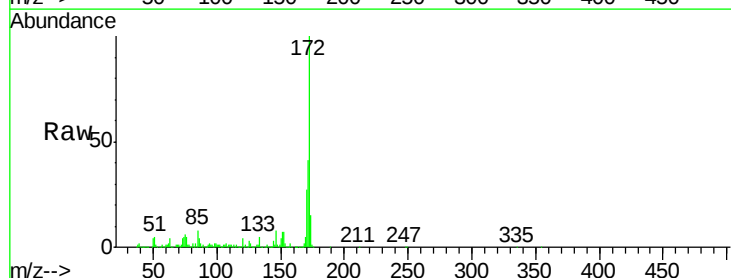
Tgt Ion:172 Resp: 1745013

Ion Ratio Lower Upper

172 100

171 40.5 31.6 47.4

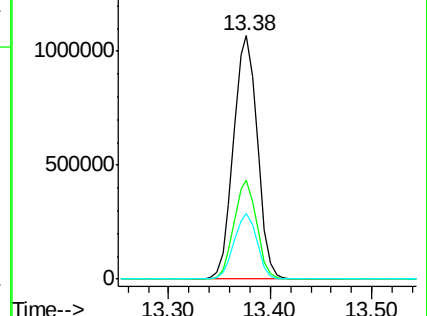
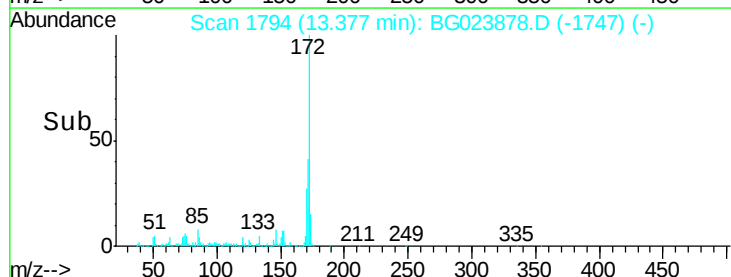
170 27.2 21.3 31.9

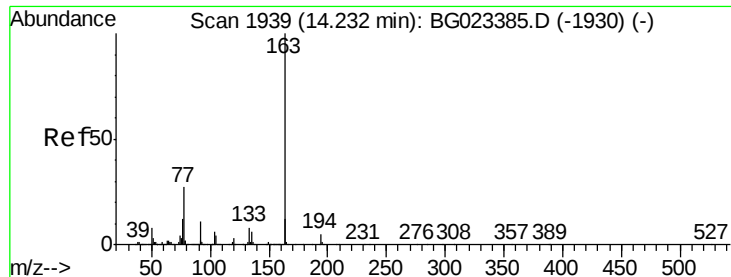


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 11.05 ng

RT: 14.20 min Scan# 1935

Delta R.T. -0.03 min

Lab File: BG023878.D

Acq: 24 Aug 2016 6:47

Instrument :

BNA_G

ClientSampleId :

EB-02

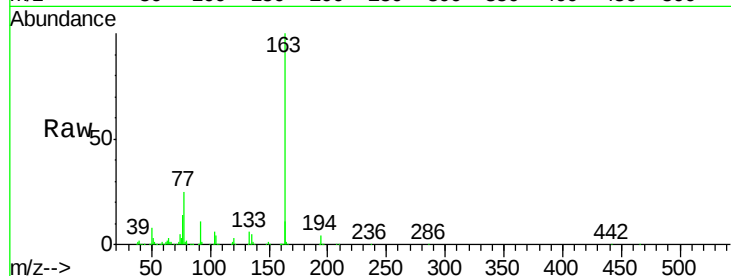
Tgt Ion:163 Resp: 243453

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

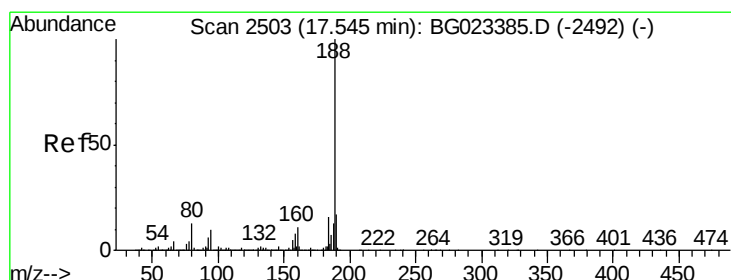
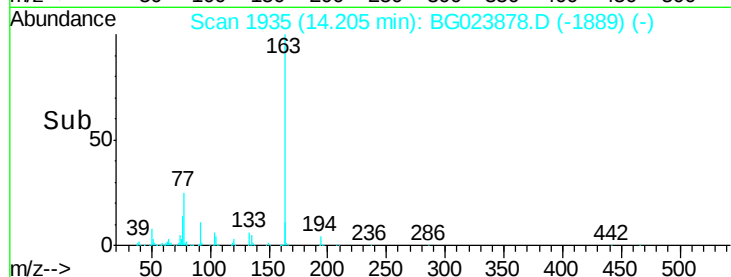
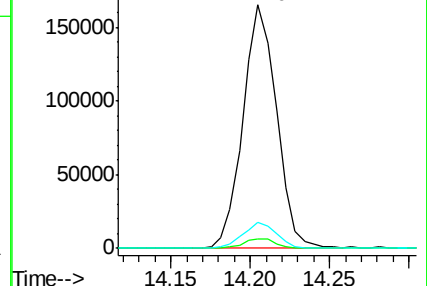
164 10.9 8.1 12.1



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: 17.52 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG023878.D

Acq: 24 Aug 2016 6:47

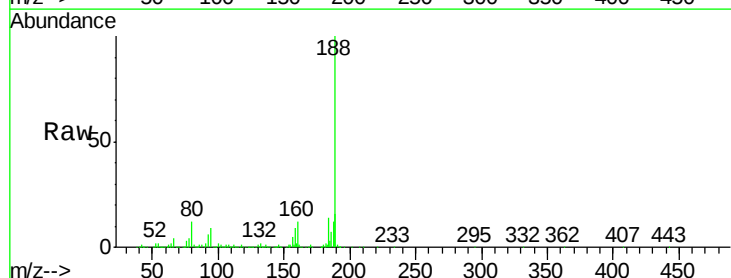
Tgt Ion:188 Resp: 679179

Ion Ratio Lower Upper

188 100

94 8.8 5.2 7.8#

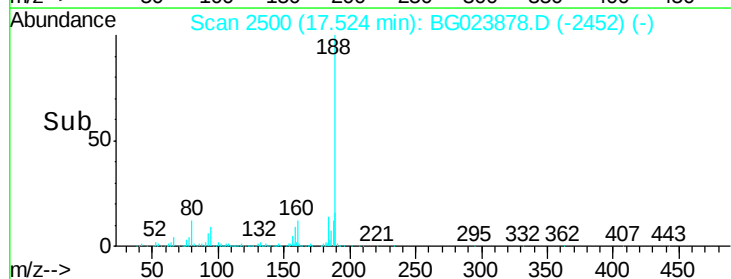
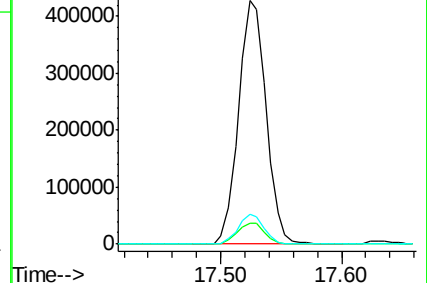
80 12.3 7.2 10.8#

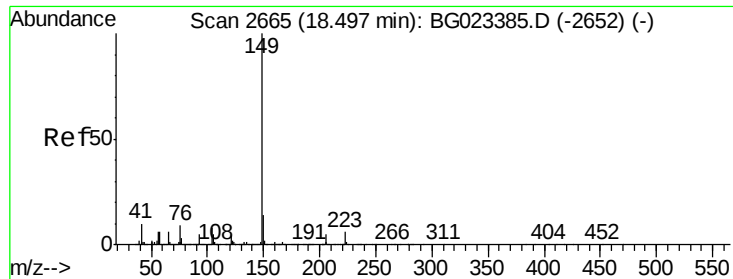


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 18.48 min Scan# 2662

Delta R.T. -0.02 min

Lab File: BG023878.D

Acq: 24 Aug 2016 6:47

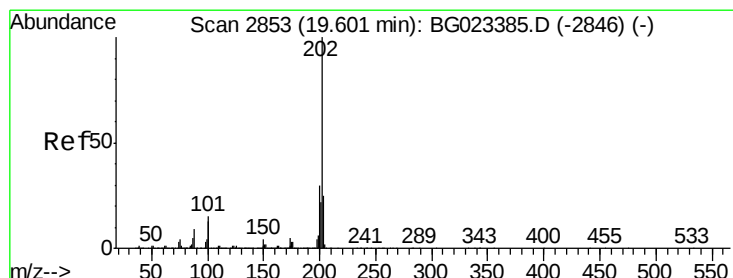
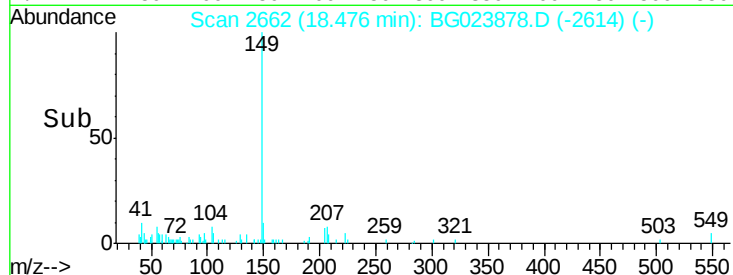
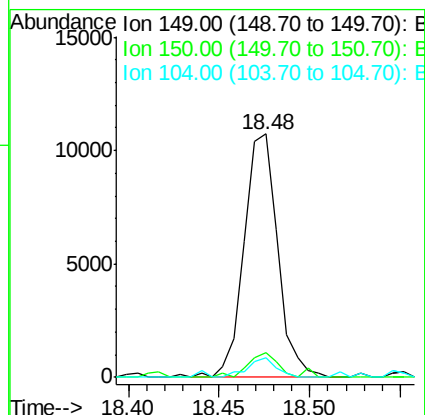
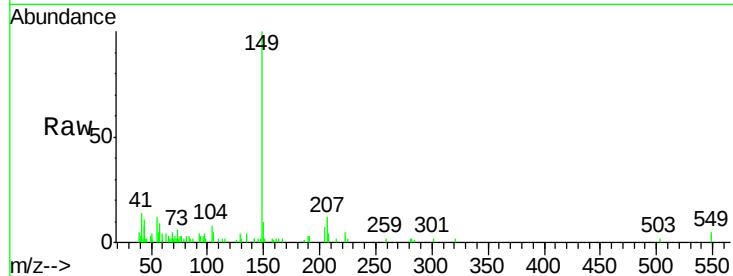
Instrument :

BNA_G

ClientSampleId :

EB-02

Tgt Ion:	149	Resp:	13783
Ion	Ratio	Lower	Upper
149	100		
150	9.9	9.1	13.7
104	7.9	6.9	10.3



#74

Fluoranthene

Concen: Below Cal

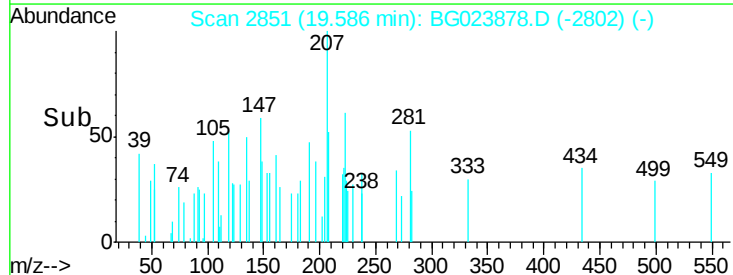
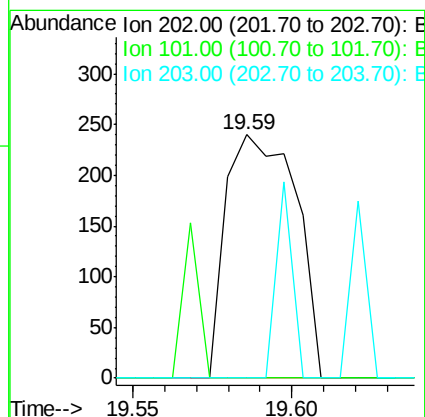
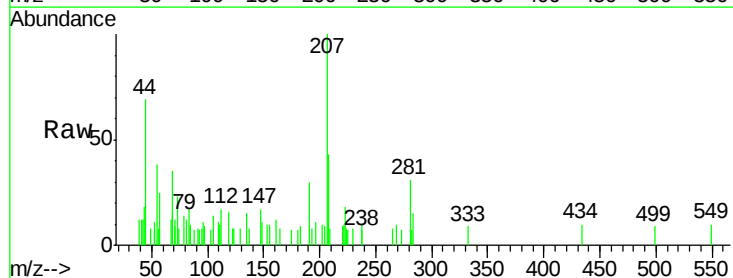
RT: 19.59 min Scan# 2851

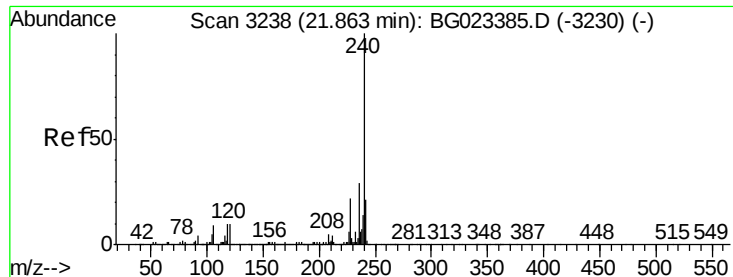
Delta R.T. -0.01 min

Lab File: BG023878.D

Acq: 24 Aug 2016 6:47

Tgt Ion:	202	Resp:	367
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	27.4
203	0.0	1.7	41.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. -0.03 min

Lab File: BG023878.D

Acq: 24 Aug 2016 6:47

Instrument :

BNA_G

ClientSampleId :

EB-02

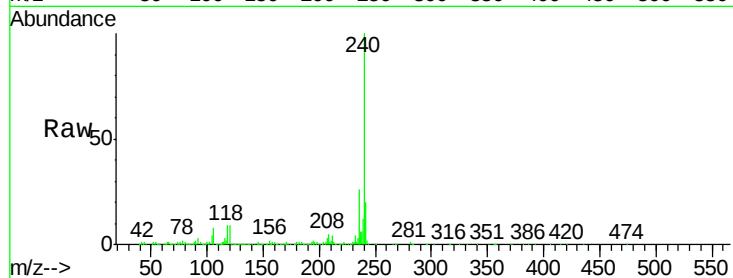
Tgt Ion:240 Resp: 705900

Ion Ratio Lower Upper

240 100

120 9.0 4.1 6.1#

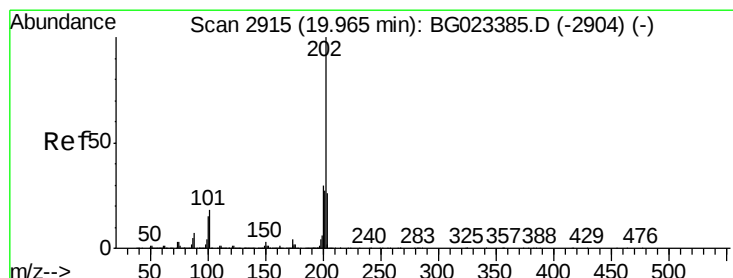
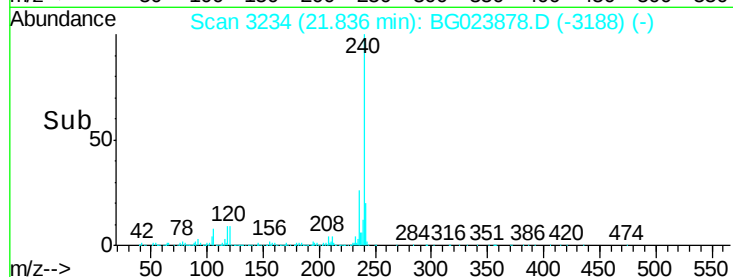
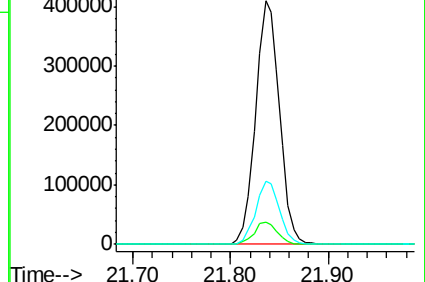
236 25.8 21.1 31.7



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



#77

Pyrene

Concen: Below Cal

RT: 19.95 min Scan# 2913

Delta R.T. -0.02 min

Lab File: BG023878.D

Acq: 24 Aug 2016 6:47

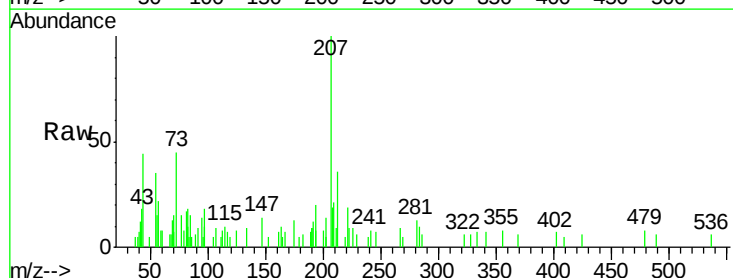
Tgt Ion:202 Resp: 427

Ion Ratio Lower Upper

202 100

200 57.7 21.2 31.8#

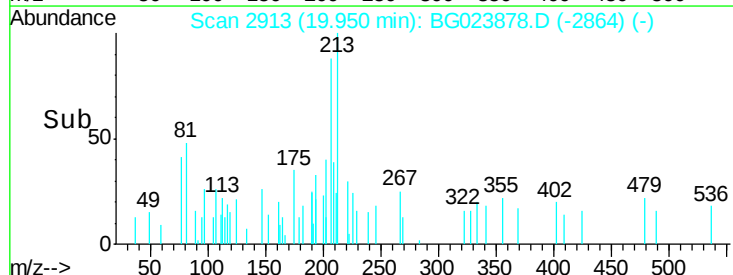
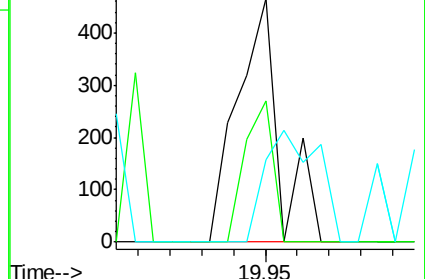
203 33.7 16.8 25.2#

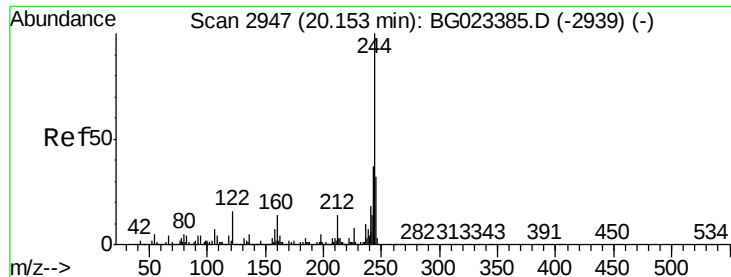


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 113.07 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG023878.D

Acq: 24 Aug 2016 6:47

Instrument :

BNA_G

ClientSampleId :

EB-02

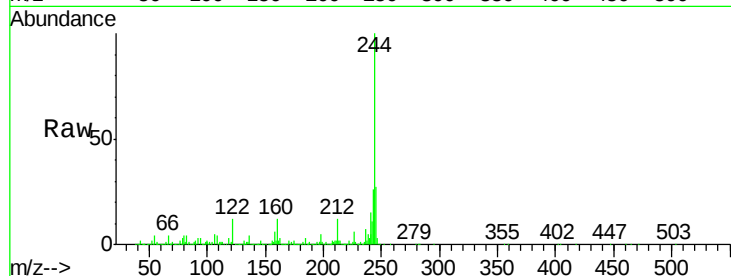
Tgt Ion:244 Resp: 2407867

Ion Ratio Lower Upper

244 100

212 11.7 10.8 16.2

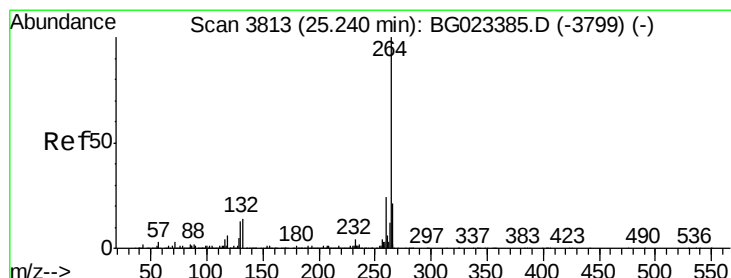
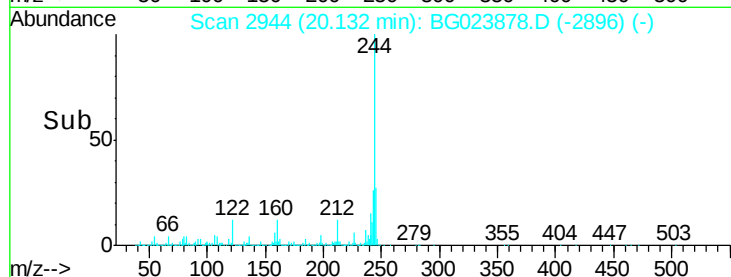
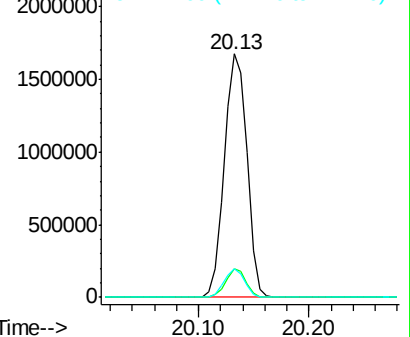
122 12.0 8.0 12.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3809

Delta R.T. -0.03 min

Lab File: BG023878.D

Acq: 24 Aug 2016 6:47

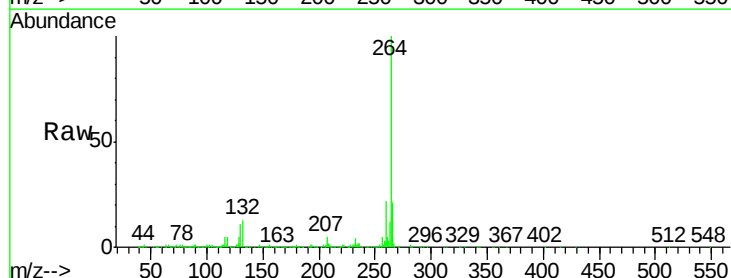
Tgt Ion:264 Resp: 710944

Ion Ratio Lower Upper

264 100

260 21.9 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

