

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023905.D
 Acq On : 25 Aug 2016 22:20
 Operator : UM/SJ
 Sample : H4592-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-7R

Quant Time: Aug 26 01:06:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

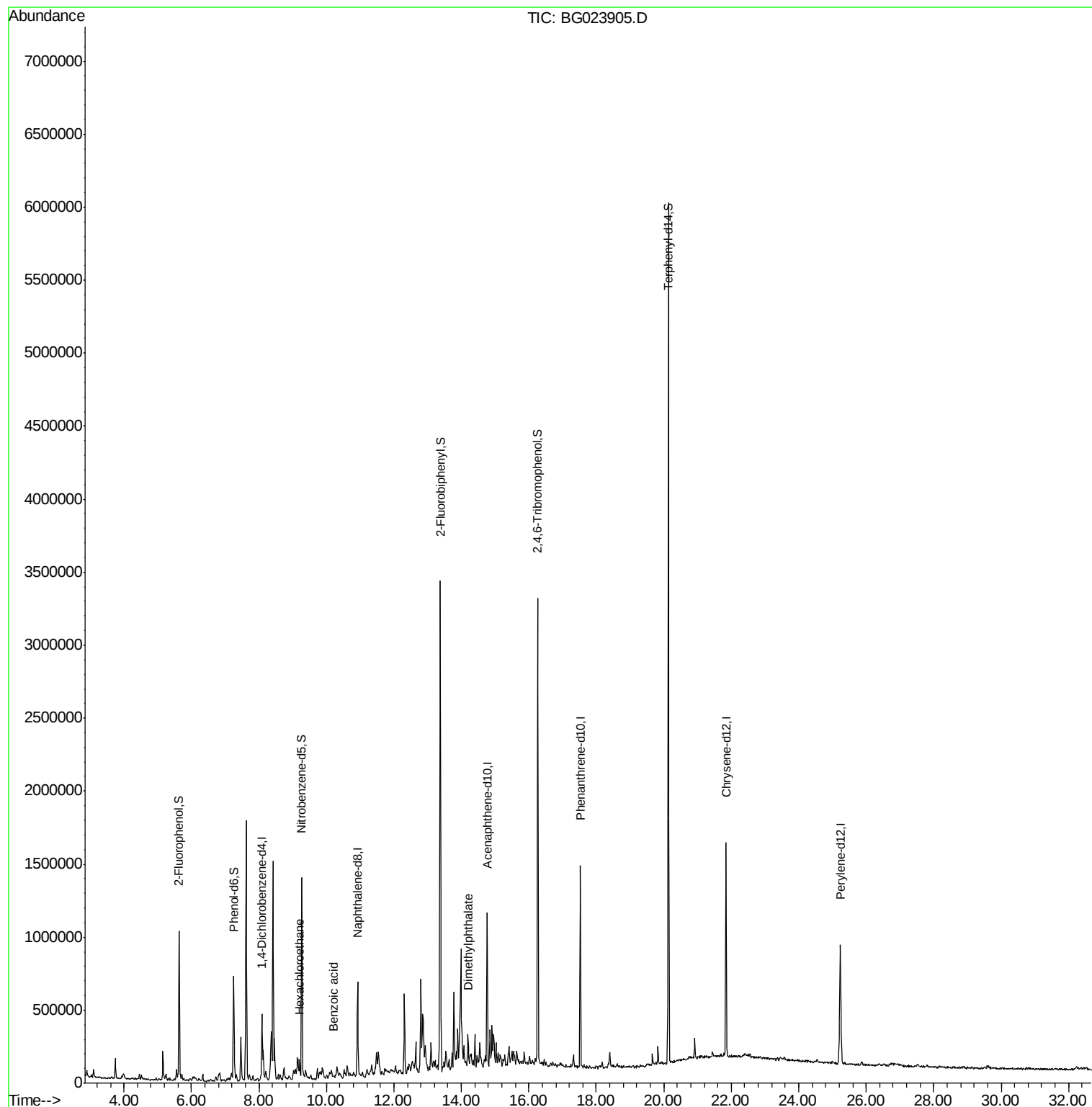
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	121674	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	526342	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	353458	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	817589	20.00	ng	0.00
75) Chrysene-d12	21.84	240	869753	20.00	ng	0.00
86) Perylene-d12	25.23	264	845528	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	433487	59.97	ng	0.00
7) Phenol-d6	7.25	99	429553	38.15	ng	0.00
23) Nitrobenzene-d5	9.27	82	864000	81.61	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	524080	101.37	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1671318	79.75	ng	0.00
78) Terphenyl-d14	20.14	244	2295834	81.91	ng	0.00
Target Compounds						
9) Benzaldehyde	7.22	77	1162	Below Cal	#	1
18) Hexachloroethane	9.21	117	8992	2.45	ng	# 1
32) Benzoic acid	10.21	122	1021	6.56	ng	# 71
49) Dimethylphthalate	14.21	163	98023	3.61	ng	# 83
73) Di-n-butylphthalate	18.48	149	6193	Below Cal	#	92
74) Fluoranthene	19.57	202	348	Below Cal	#	1
77) Pyrene	19.94	202	1837	Below Cal	#	60

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

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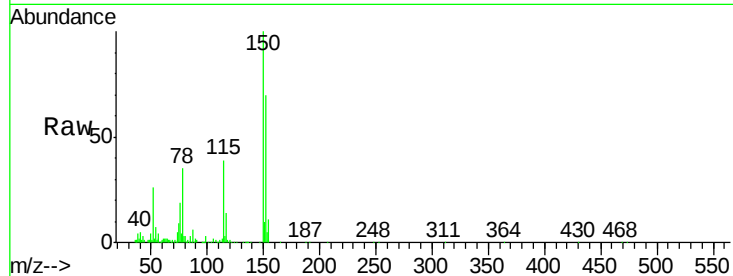


#1

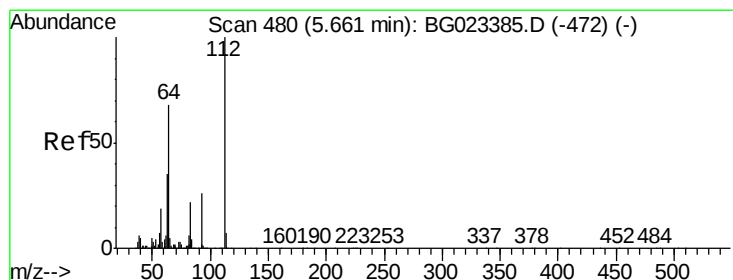
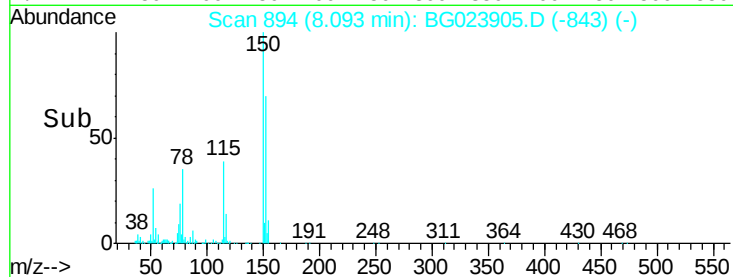
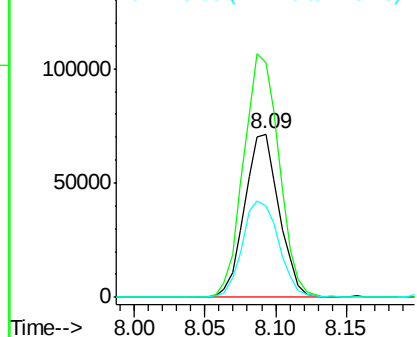
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.00 min
Lab File: BG023905.D
Acq: 25 Aug 2016 22:20

Instrument :
BNA_G
ClientSampleId :
MW-7R

Tgt Ion	Ratio	Lower	Upper
152	100		
150	143.5	144.7	217.1#
115	56.3	64.0	96.0#



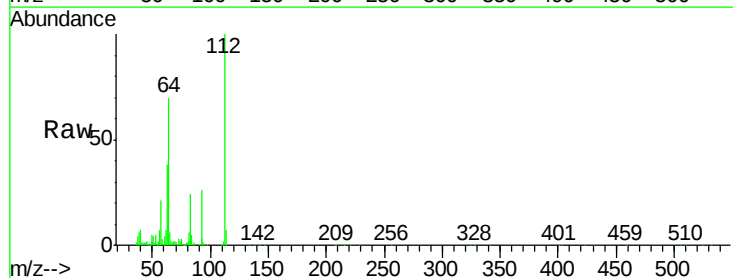
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



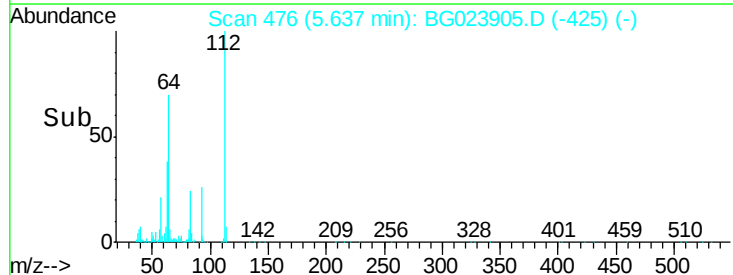
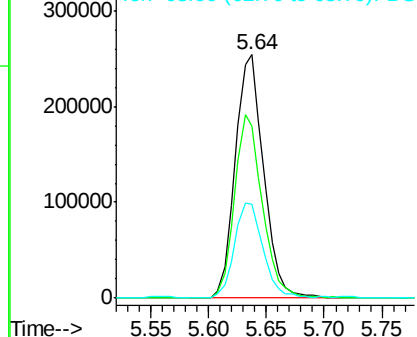
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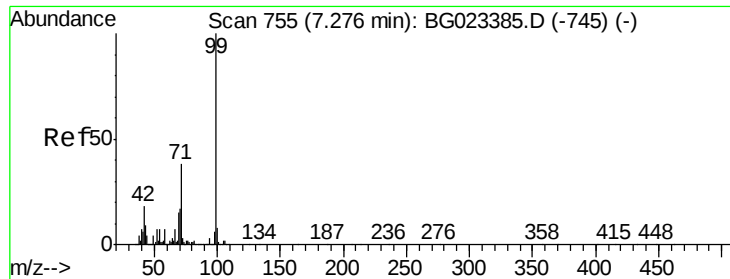
2-Fluorophenol
Concen: 59.97 ng
RT: 5.64 min Scan# 476
Delta R.T. -0.00 min
Lab File: BG023905.D
Acq: 25 Aug 2016 22:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	59.0	88.4
63	38.4	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: 38.15 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.00 min

Lab File: BG023905.D

Acq: 25 Aug 2016 22:20

Instrument :

BNA_G

ClientSampleId :

MW-7R

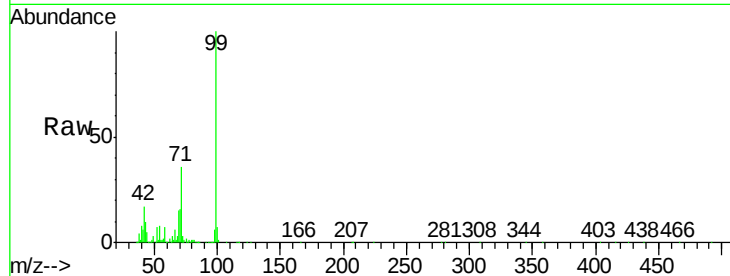
Tgt Ion: 99 Resp: 429553

Ion Ratio Lower Upper

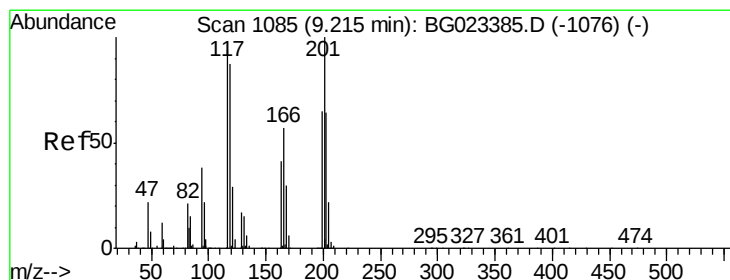
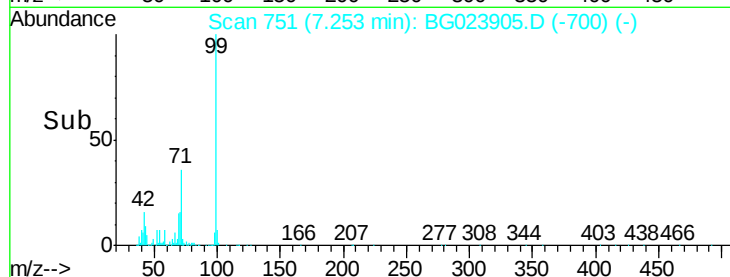
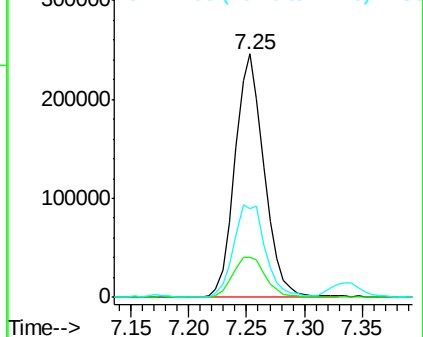
99 100

42 16.5 17.8 26.6#

71 36.5 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



#18

Hexachloroethane

Concen: 2.45 ng

RT: 9.21 min Scan# 1084

Delta R.T. 0.02 min

Lab File: BG023905.D

Acq: 25 Aug 2016 22:20

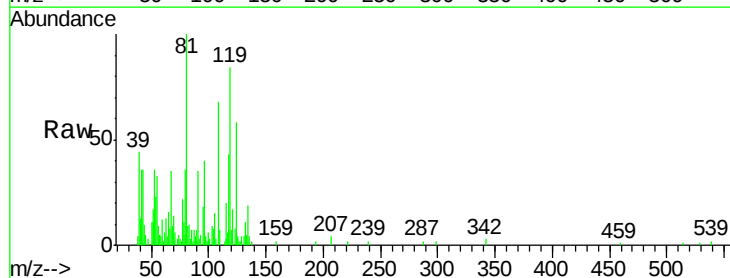
Tgt Ion: 117 Resp: 8992

Ion Ratio Lower Upper

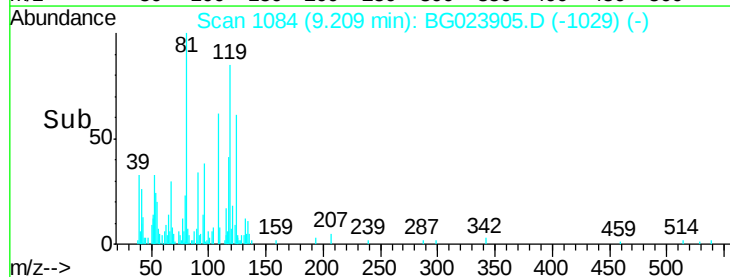
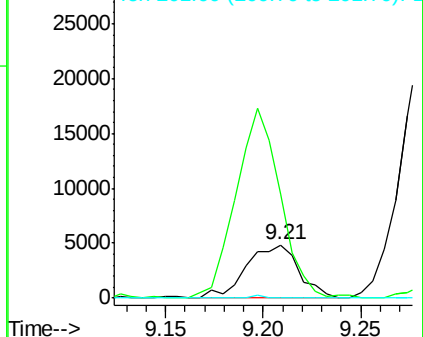
117 100

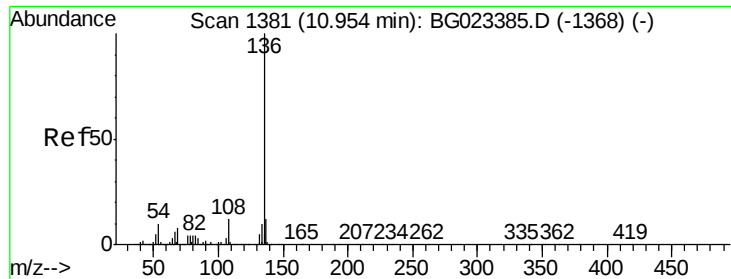
119 196.4 73.7 110.5#

201 0.0 88.7 133.1#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

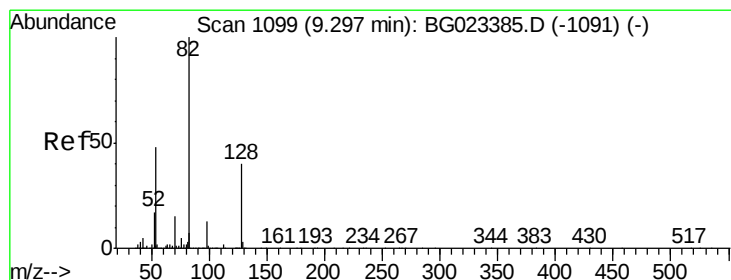
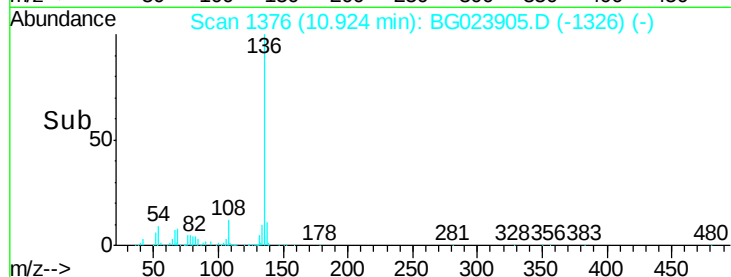
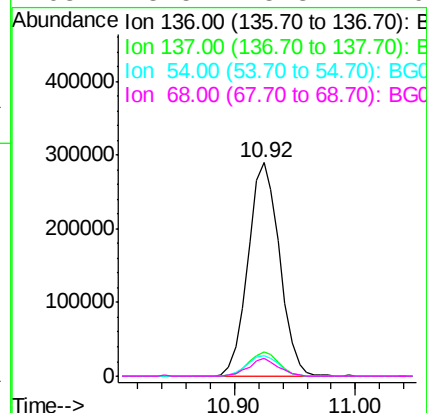
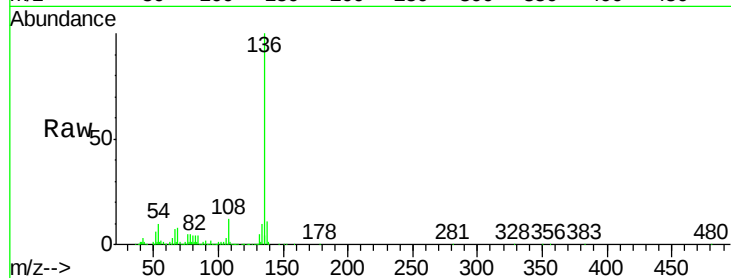




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG023905.D
Acq: 25 Aug 2016 22:20

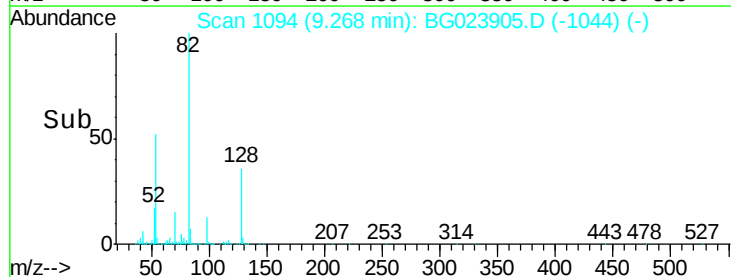
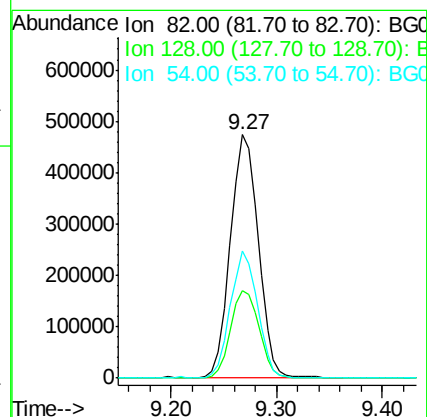
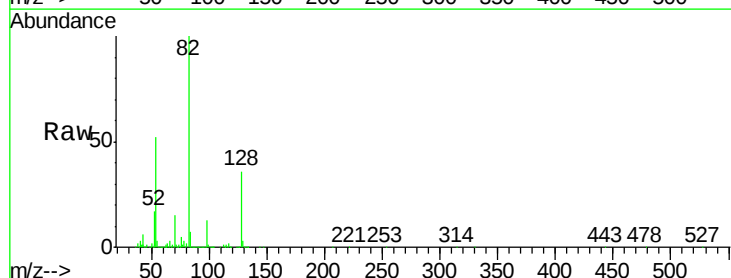
Instrument :
BNA_G
ClientSampleId :
MW-7R

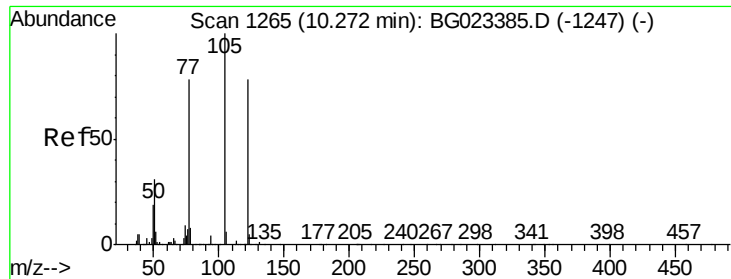
Tgt Ion:	136	Resp:	526342
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	9.5	7.3	10.9
68	8.5	5.3	7.9#



#23
Nitrobenzene-d5
Concen: 81.61 ng
RT: 9.27 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BG023905.D
Acq: 25 Aug 2016 22:20

Tgt Ion:	82	Resp:	864000
Ion	Ratio	Lower	Upper
82	100		
128	35.9	24.4	36.6
54	52.0	41.4	62.0

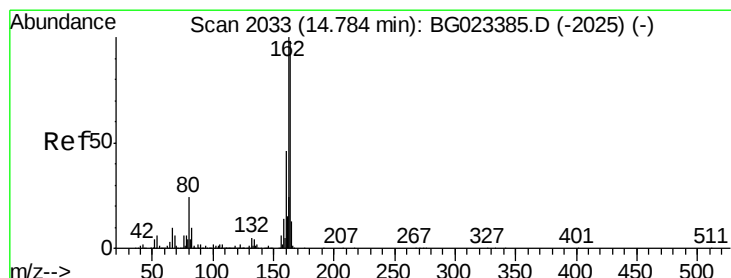
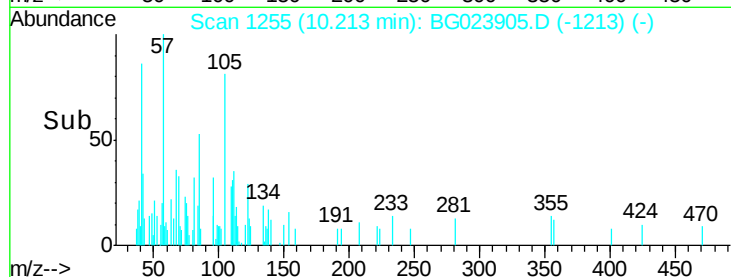
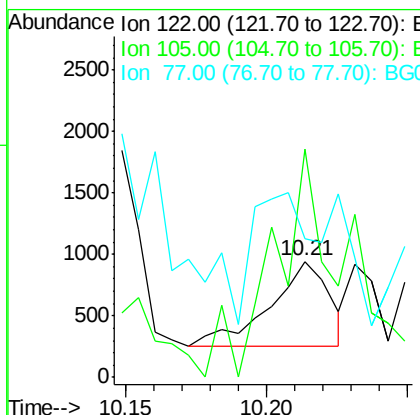
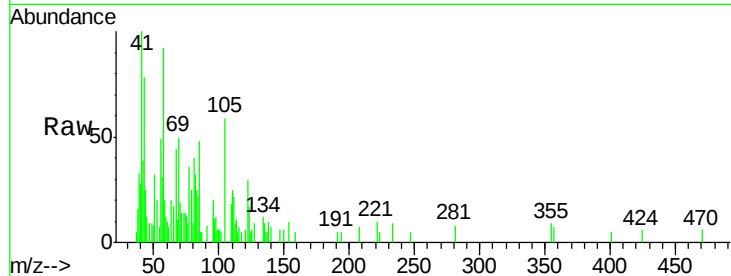




#32
Benzoic acid
Concen: 6.56 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.05 min
Lab File: BG023905.D
Acq: 25 Aug 2016 22:20

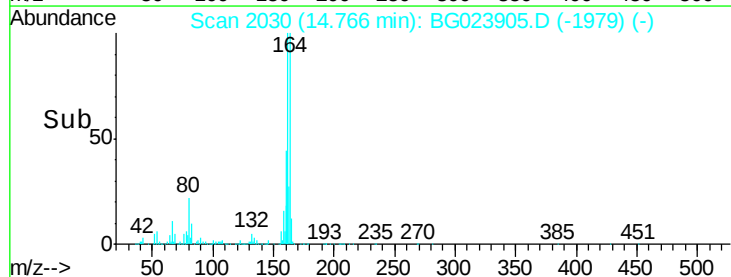
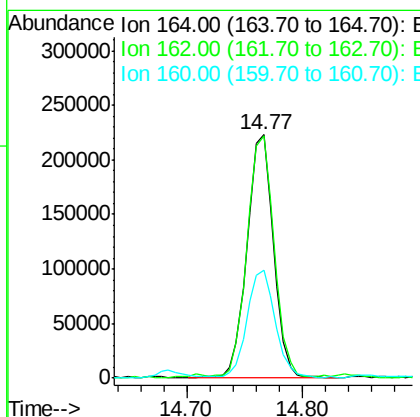
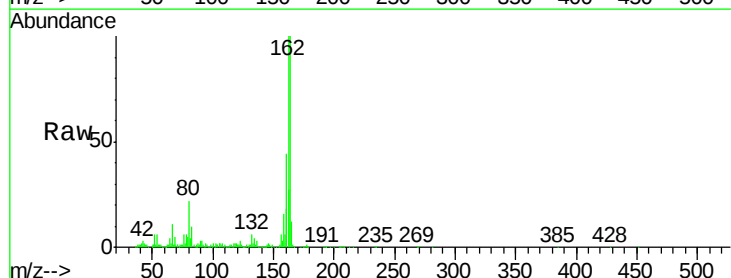
Instrument :
BNA_G
ClientSampleId :
MW-7R

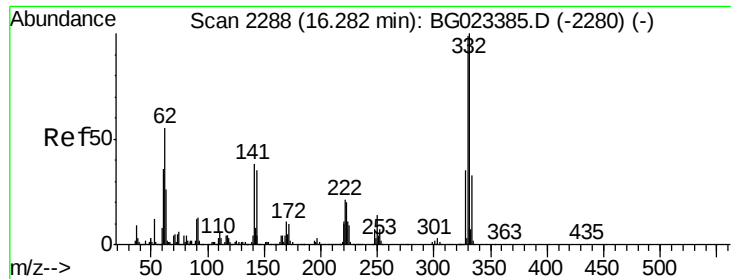
Tgt Ion:122 Resp: 1021
Ion Ratio Lower Upper
122 100
105 196.4 117.2 157.2#
77 120.1 109.2 149.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG023905.D
Acq: 25 Aug 2016 22:20

Tgt Ion:164 Resp: 353458
Ion Ratio Lower Upper
164 100
162 99.5 87.7 131.5
160 44.3 37.2 55.8

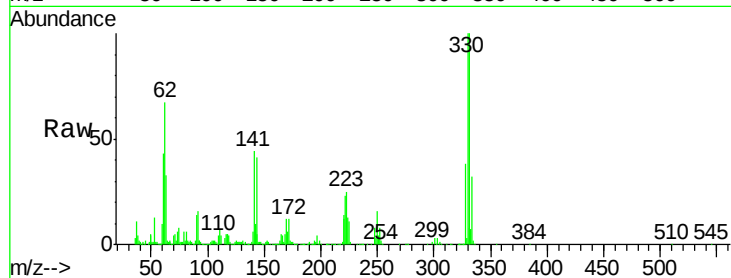




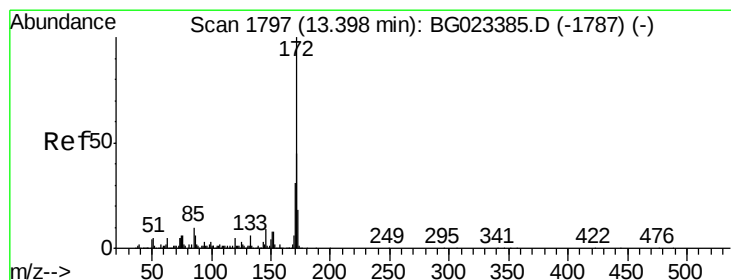
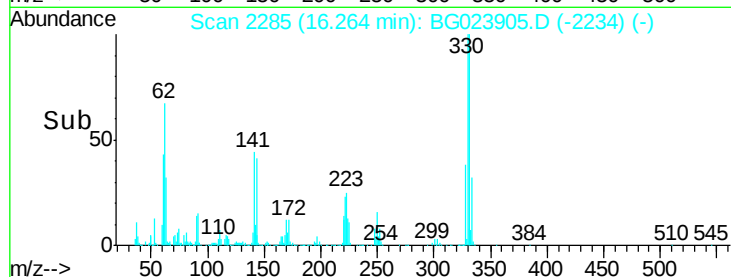
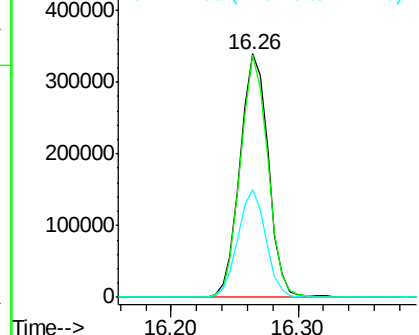
#41
 2,4,6-Tribromophenol
 Concen: 101.37 ng
 RT: 16.26 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG023905.D
 Acq: 25 Aug 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 MW-7R

Tgt Ion:330 Resp: 524080
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 43.6 31.7 47.5

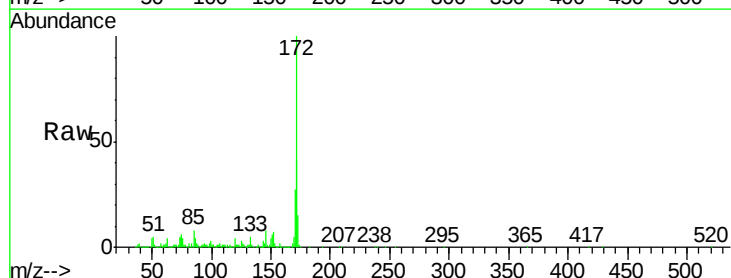


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

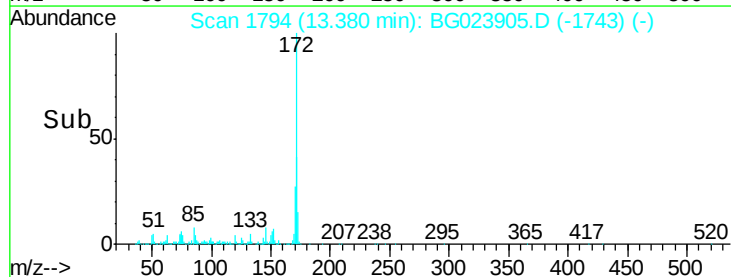
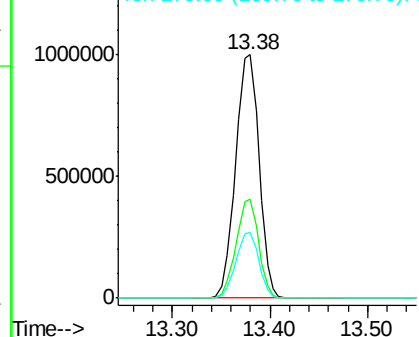


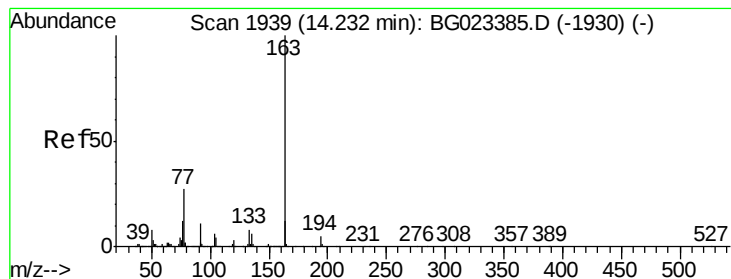
#44
 2-Fluorobiphenyl
 Concen: 79.75 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG023905.D
 Acq: 25 Aug 2016 22:20

Tgt Ion:172 Resp: 1671318
 Ion Ratio Lower Upper
 172 100
 171 40.6 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: 3.61 ng

RT: 14.21 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG023905.D

Acq: 25 Aug 2016 22:20

Instrument :

BNA_G

ClientSampleId :

MW-7R

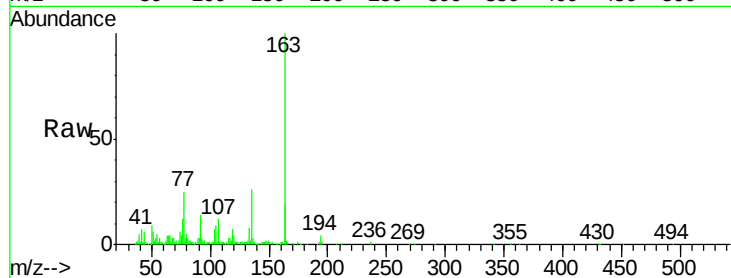
Tgt Ion:163 Resp: 98023

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

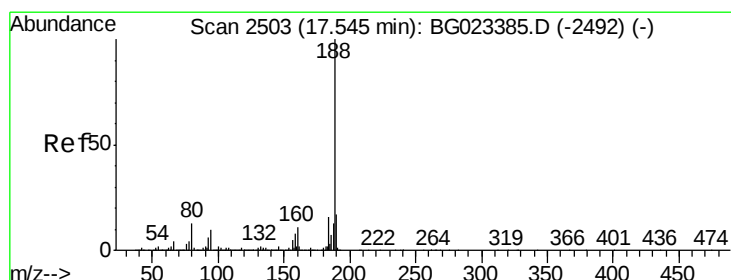
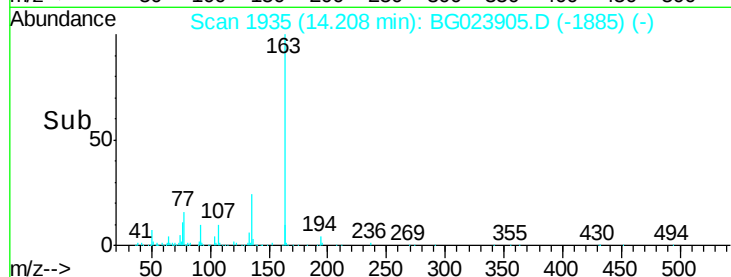
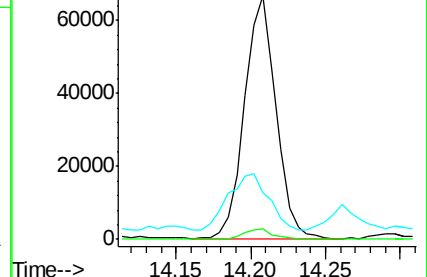
164 19.3 8.1 12.1#



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: 17.53 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BG023905.D

Acq: 25 Aug 2016 22:20

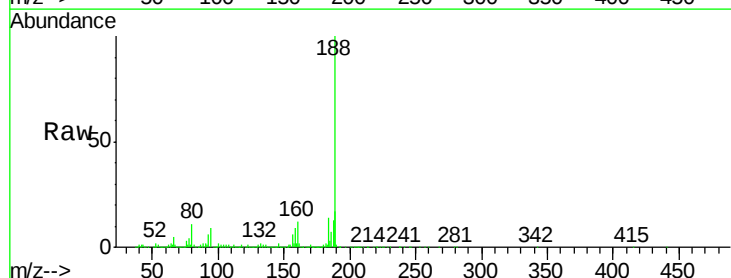
Tgt Ion:188 Resp: 817589

Ion Ratio Lower Upper

188 100

94 9.1 5.2 7.8#

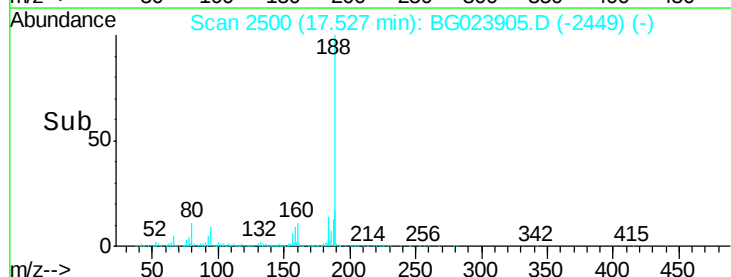
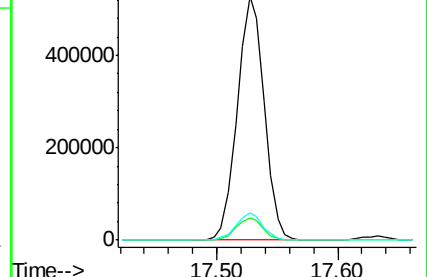
80 11.3 7.2 10.8#

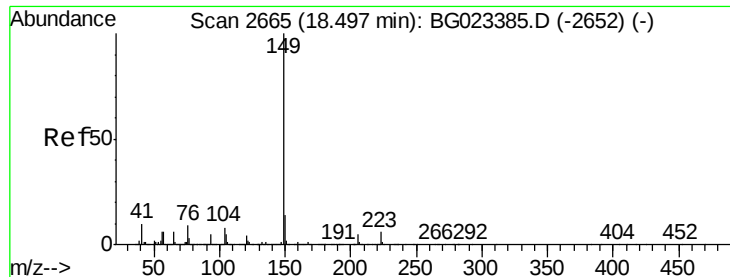


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

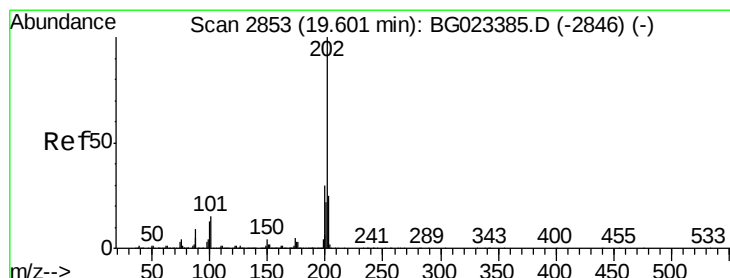
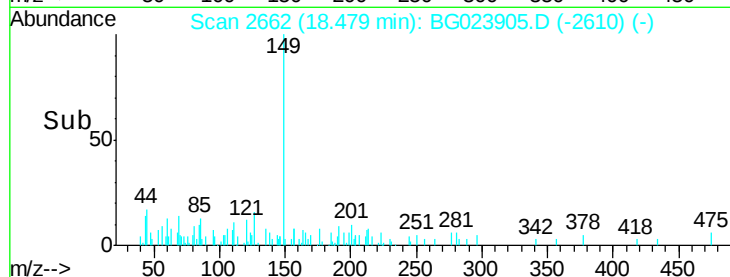
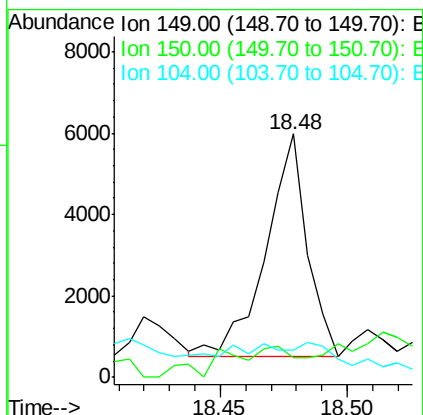
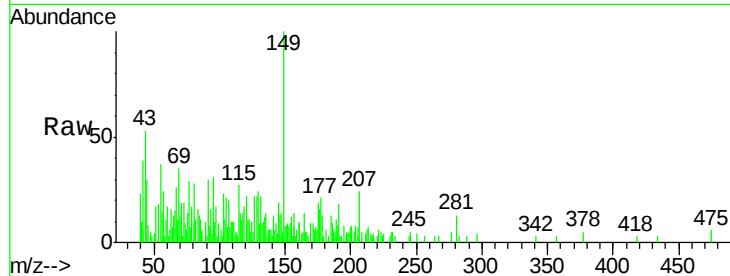




#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.48 min Scan# 2662
Delta R.T. 0.00 min
Lab File: BG023905.D
Acq: 25 Aug 2016 22:20

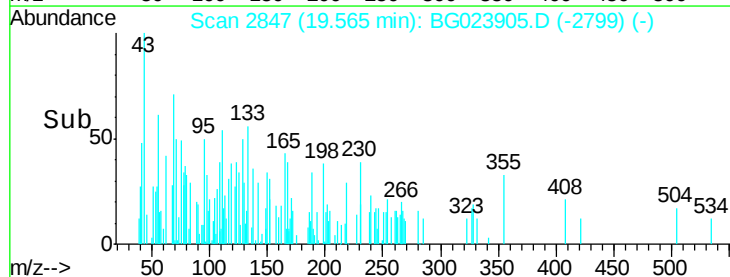
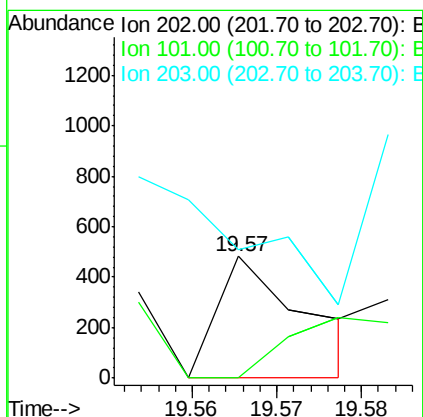
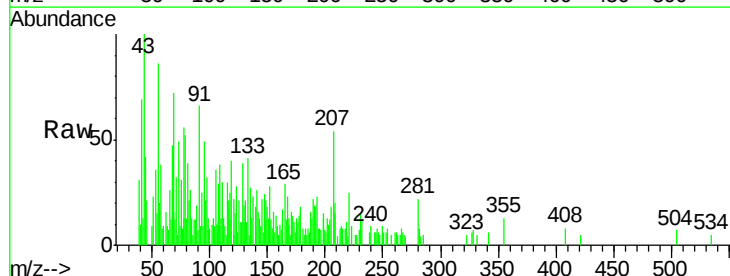
Instrument :
BNA_G
ClientSampleId :
MW-7R

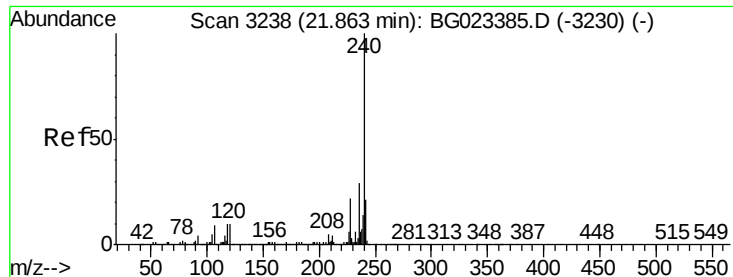
Tgt Ion:149 Resp: 6193
Ion Ratio Lower Upper
149 100
150 8.0 9.1 13.7#
104 11.0 6.9 10.3#



#74
Fluoranthene
Concen: Below Cal
RT: 19.57 min Scan# 2847
Delta R.T. -0.02 min
Lab File: BG023905.D
Acq: 25 Aug 2016 22:20

Tgt Ion:202 Resp: 348
Ion Ratio Lower Upper
202 100
101 0.0 0.0 27.4
203 106.0 1.7 41.7#

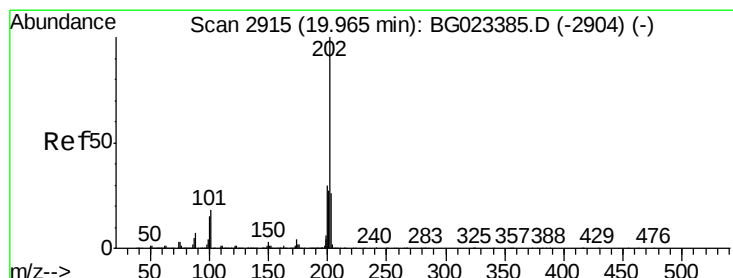
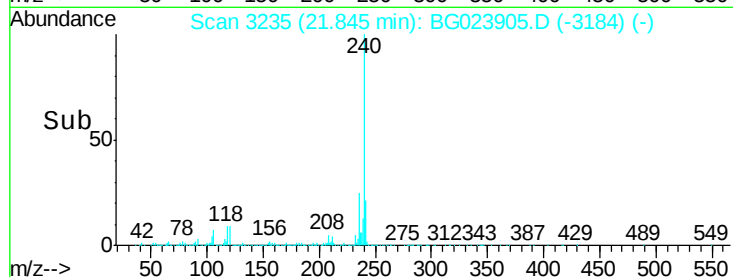
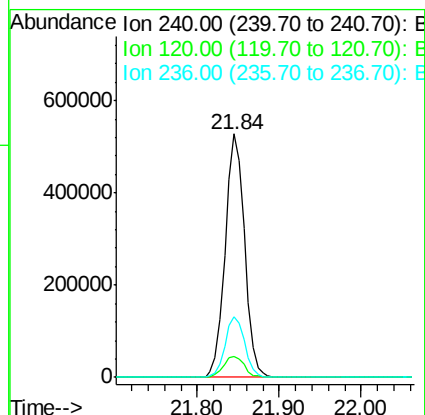
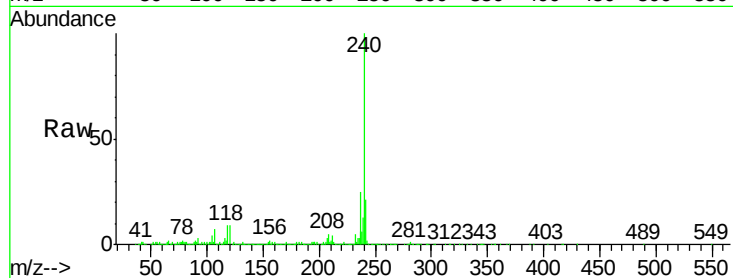




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG023905.D
Acq: 25 Aug 2016 22:20

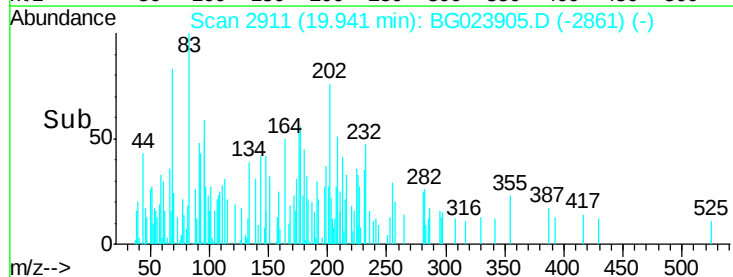
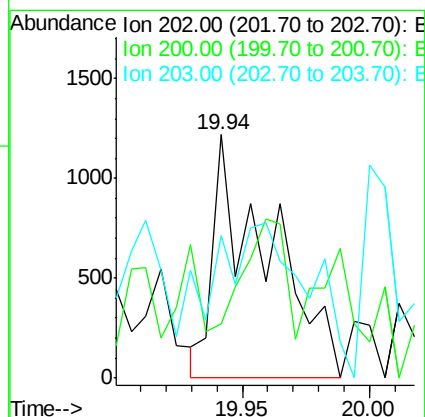
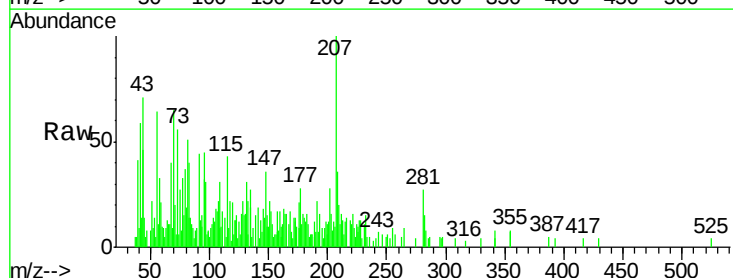
Instrument :
BNA_G
ClientSampleId :
MW-7R

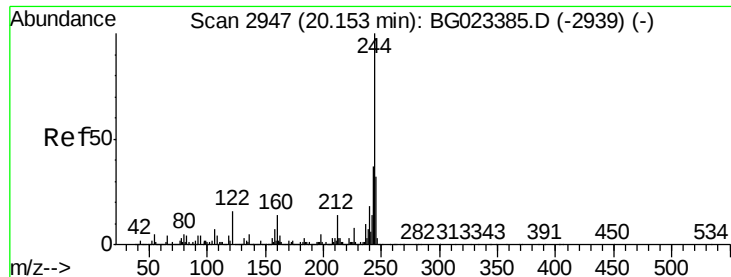
Tgt Ion:240 Resp: 869753
Ion Ratio Lower Upper
240 100
120 8.7 4.1 6.1#
236 24.8 21.1 31.7



#77
Pyrene
Concen: Below Cal
RT: 19.94 min Scan# 2911
Delta R.T. -0.01 min
Lab File: BG023905.D
Acq: 25 Aug 2016 22:20

Tgt Ion:202 Resp: 1837
Ion Ratio Lower Upper
202 100
200 22.3 21.2 31.8
203 58.3 16.8 25.2#





#78

Terphenyl-d14

Concen: 81.91 ng

RT: 20.14 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BG023905.D

Acq: 25 Aug 2016 22:20

Instrument :

BNA_G

ClientSampleId :

MW-7R

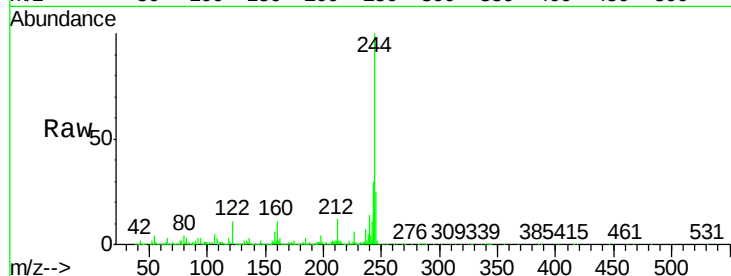
Tgt Ion:244 Resp: 2295834

Ion Ratio Lower Upper

244 100

212 12.3 10.8 16.2

122 11.1 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

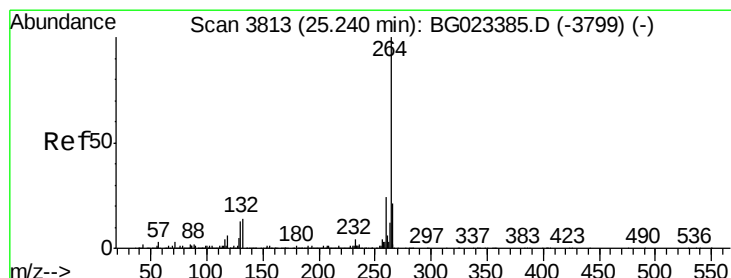
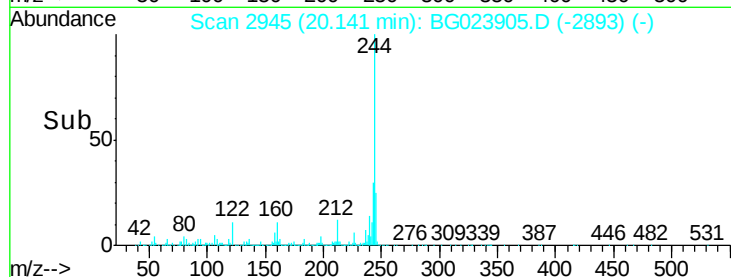
1000000

500000

0

20.05 20.10 20.15 20.20

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.23 min Scan# 3812

Delta R.T. 0.01 min

Lab File: BG023905.D

Acq: 25 Aug 2016 22:20

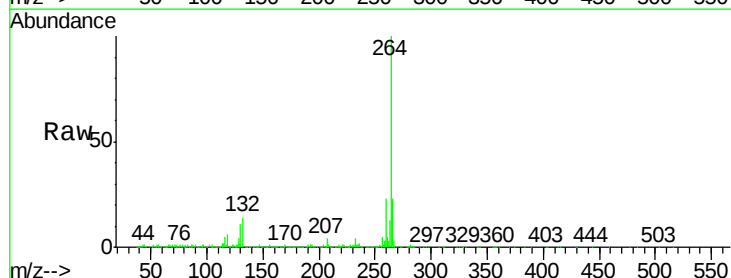
Tgt Ion:264 Resp: 845528

Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 22.9 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

400000

300000

200000

100000

0

25.10 25.20 25.30

Time-->

