

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023902.D
 Acq On : 25 Aug 2016 20:27
 Operator : UM/SJ
 Sample : H4592-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Aug 26 01:05:53 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	129451	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	559560	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	360022	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	825602	20.00	ng	0.00
75) Chrysene-d12	21.84	240	853051	20.00	ng	0.00
86) Perylene-d12	25.22	264	830297	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	482049	62.68	ng	0.00
7) Phenol-d6	7.25	99	455463	38.02	ng	0.00
23) Nitrobenzene-d5	9.27	82	943982	83.87	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	531585	100.95	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1794035	84.05	ng	0.00
78) Terphenyl-d14	20.13	244	2317354	85.02	ng	0.00

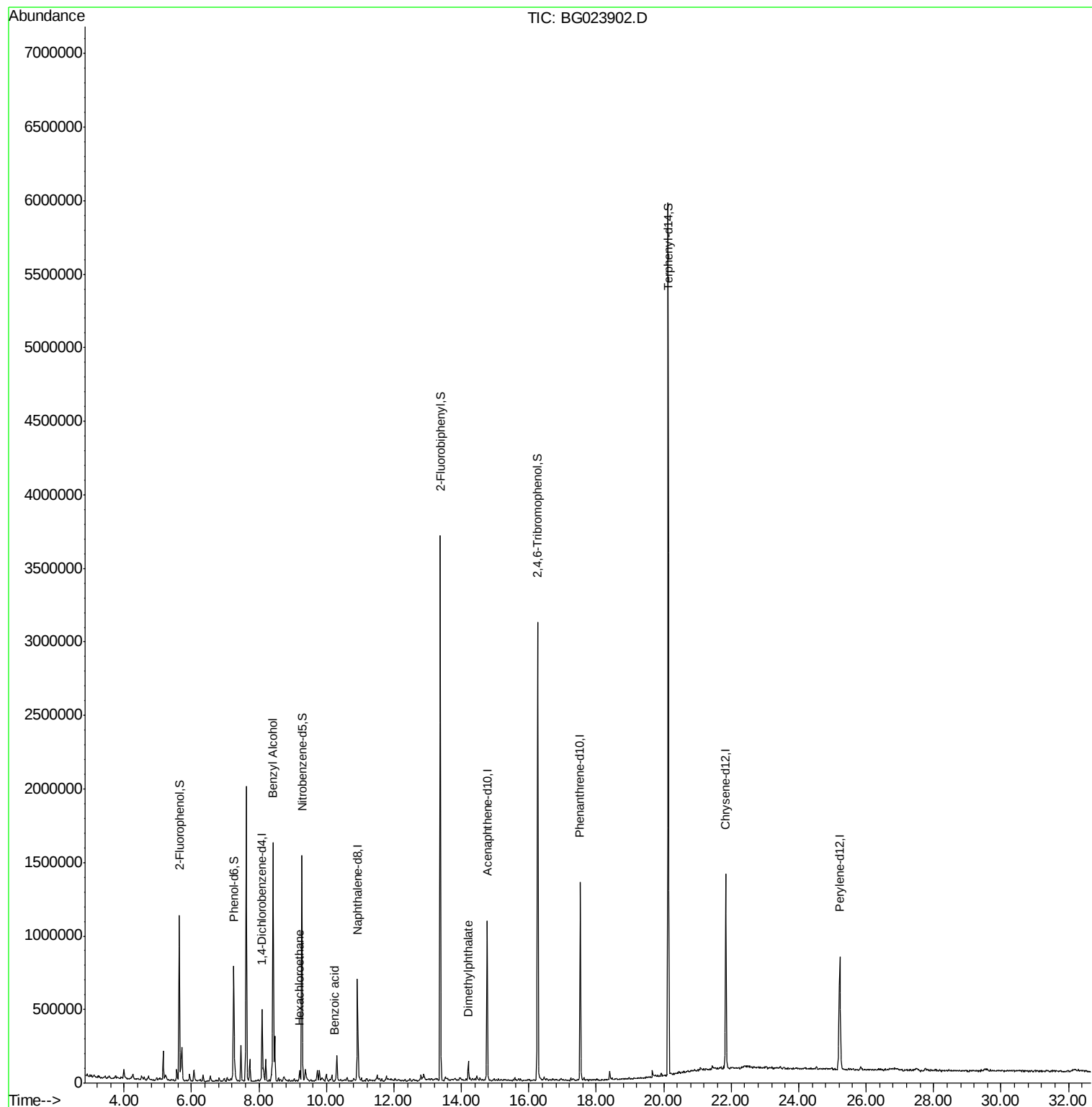
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.21	77	4714	Below Cal	#	1
15) Benzyl Alcohol	8.41	79	18596	2.05 ng	#	42
18) Hexachloroethane	9.21	117	12359	3.17 ng	#	22
32) Benzoic acid	10.25	122	84	6.45 ng	#	1
49) Dimethylphthalate	14.20	163	84538	3.06 ng	#	94
73) Di-n-butylphthalate	18.47	149	3826	Below Cal	#	86
74) Fluoranthene	19.59	202	791	Below Cal	#	74
77) Pyrene	19.96	202	777	Below Cal	#	59

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

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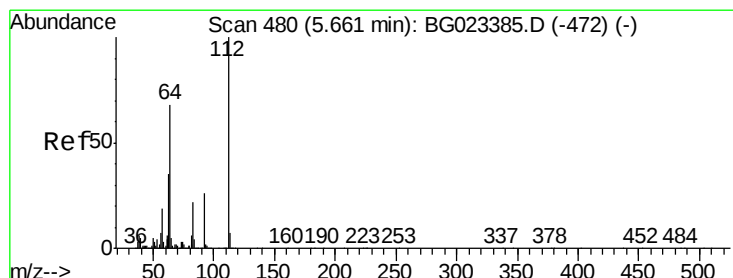
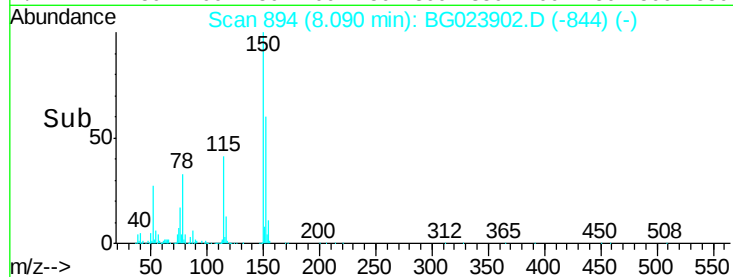
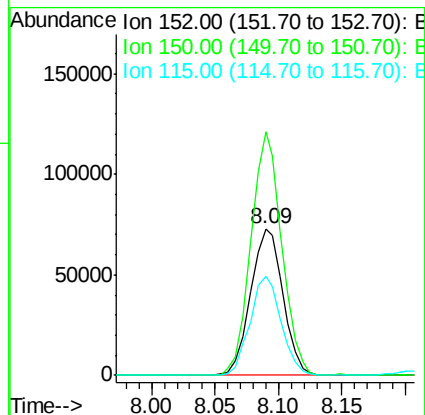
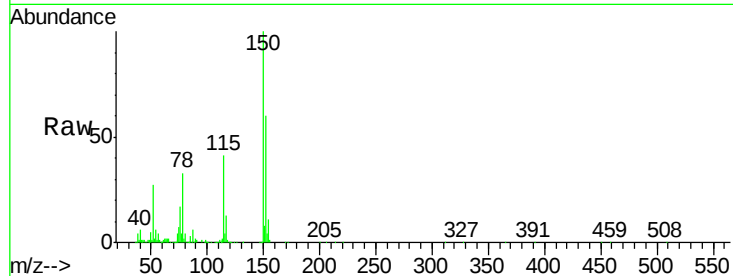


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG023902.D
Acq: 25 Aug 2016 20:27

Instrument :
BNA_G
ClientSampleId :
MW-1

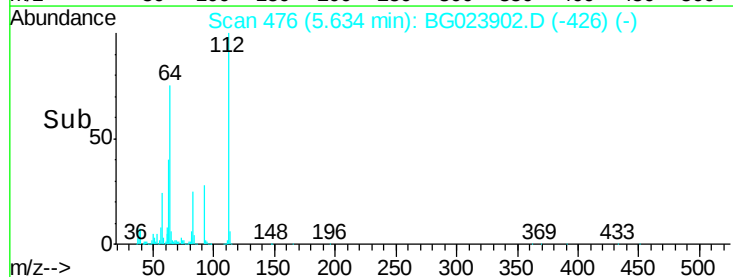
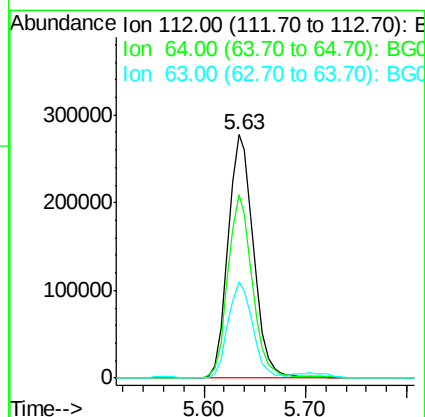
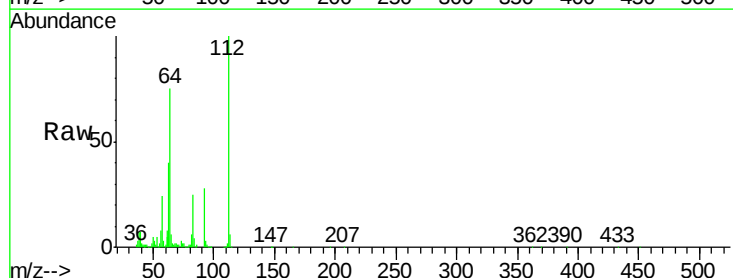
Tgt Ion	Ratio	Lower	Upper
152	100		
150	166.2	144.7	217.1
115	67.5	64.0	96.0

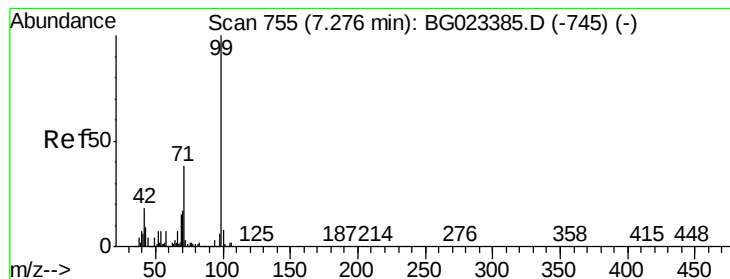


#5

2-Fluorophenol
Concen: 62.68 ng
RT: 5.63 min Scan# 476
Delta R.T. -0.01 min
Lab File: BG023902.D
Acq: 25 Aug 2016 20:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.2	59.0	88.4
63	39.7	37.8	56.8





#7

Phenol-d6

Concen: 38.02 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG023902.D

Acq: 25 Aug 2016 20:27

Instrument :

BNA_G

ClientSampleId :

MW-1

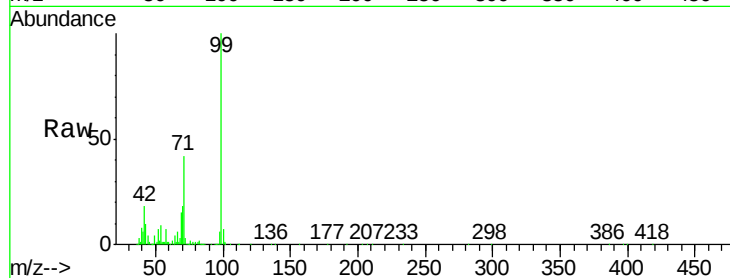
Tgt Ion: 99 Resp: 455463

Ion Ratio Lower Upper

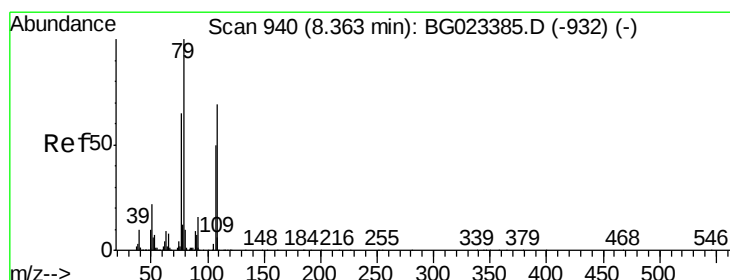
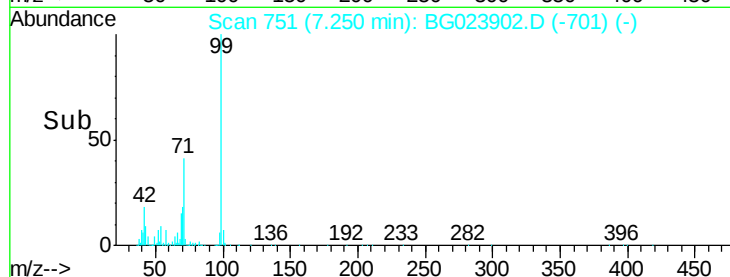
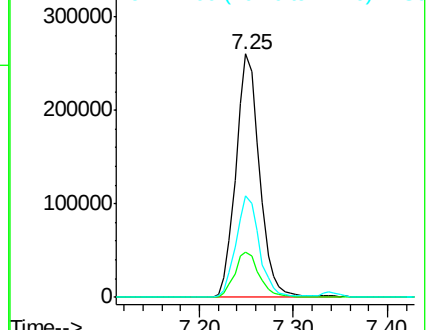
99 100

42 18.3 17.8 26.6

71 41.7 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: 2.05 ng

RT: 8.41 min Scan# 949

Delta R.T. 0.07 min

Lab File: BG023902.D

Acq: 25 Aug 2016 20:27

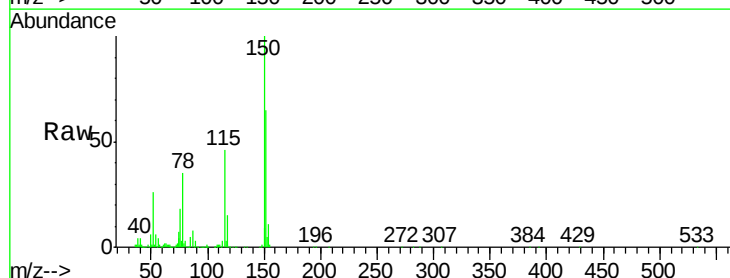
Tgt Ion: 79 Resp: 18596

Ion Ratio Lower Upper

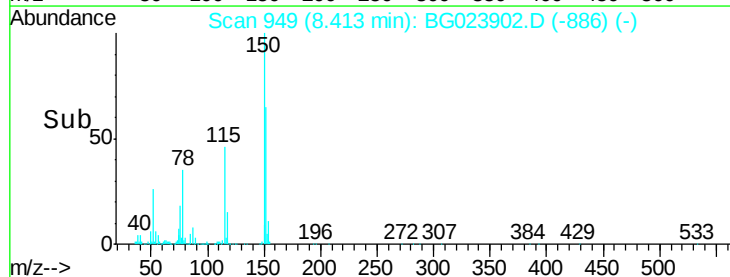
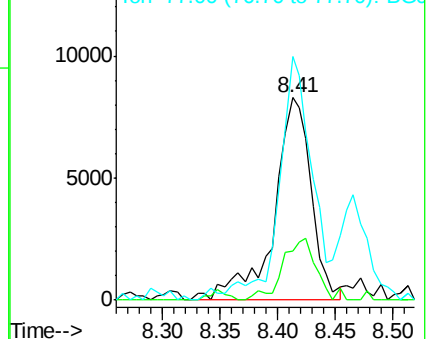
79 100

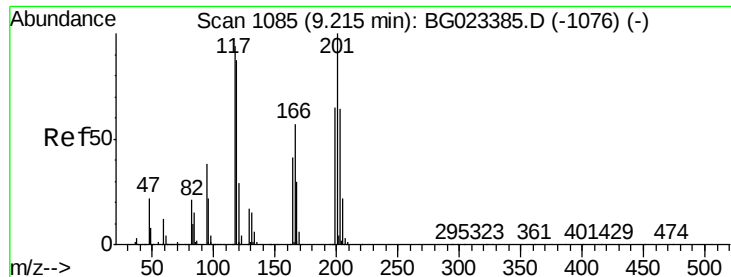
108 24.3 46.5 69.7#

77 120.4 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





#18

Hexachloroethane

Concen: 3.17 ng

RT: 9.21 min Scan# 1084

Delta R.T. 0.02 min

Lab File: BG023902.D

Acq: 25 Aug 2016 20:27

Instrument :

BNA_G

ClientSampleId :

MW-1

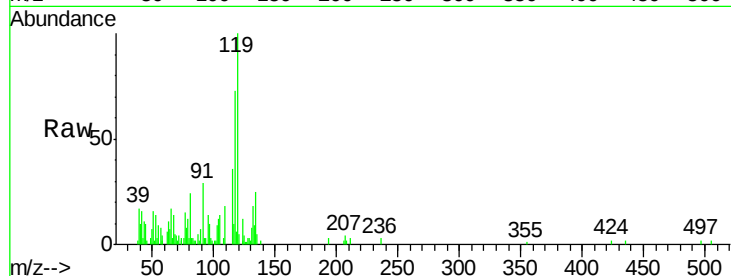
Tgt Ion:117 Resp: 12359

Ion Ratio Lower Upper

117 100

119 136.8 73.7 110.5#

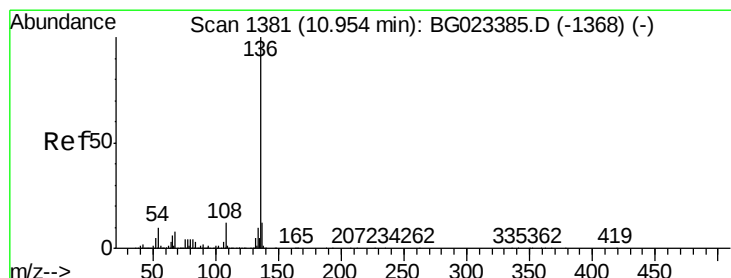
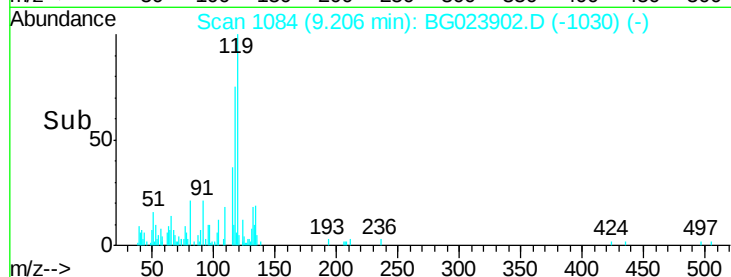
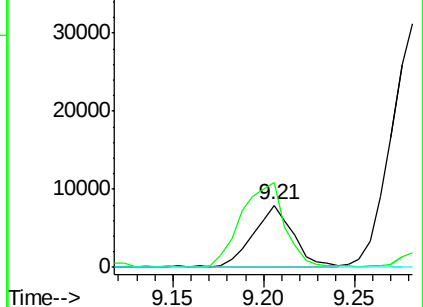
201 0.0 88.7 133.1#



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: BG023902.D

Acq: 25 Aug 2016 20:27

Tgt Ion:136 Resp: 559560

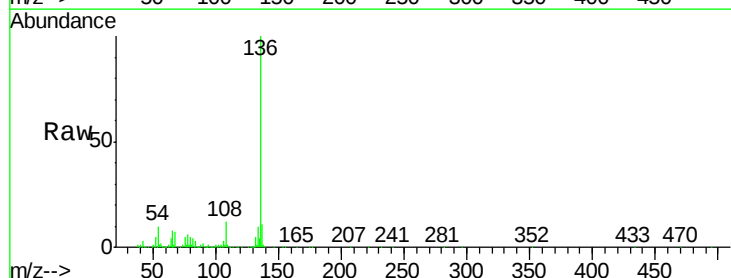
Ion Ratio Lower Upper

136 100

137 11.3 9.6 14.4

54 10.4 7.3 10.9

68 6.6 5.3 7.9

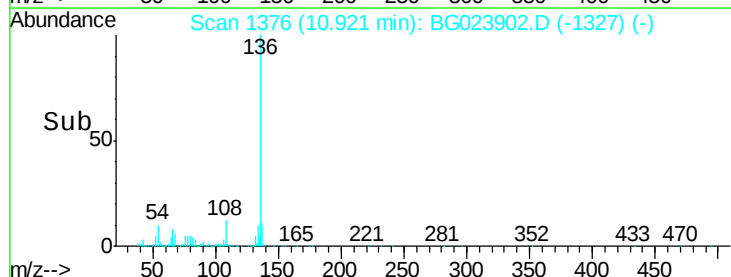
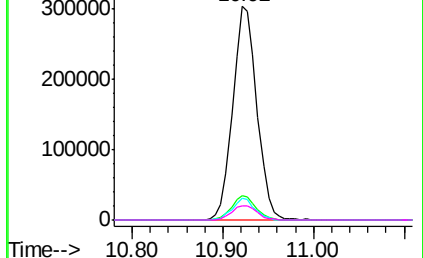


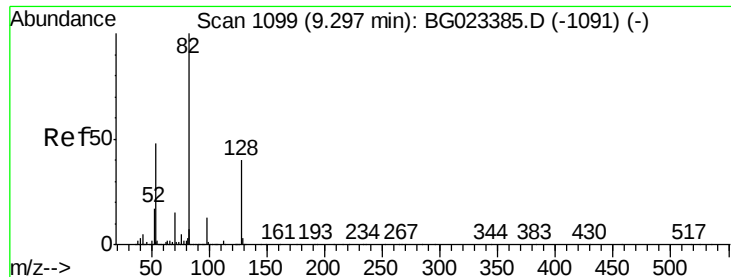
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

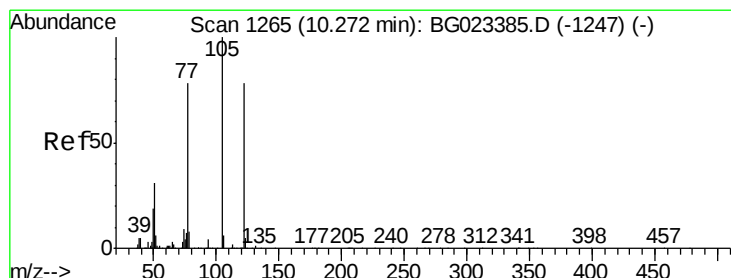
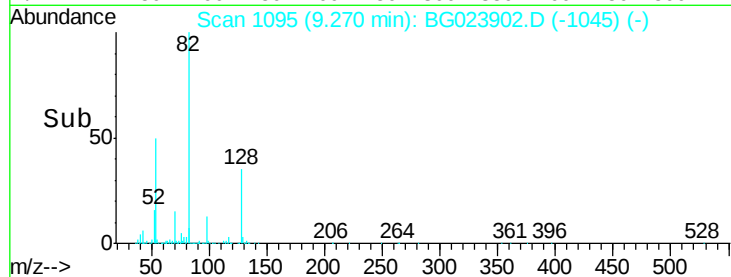
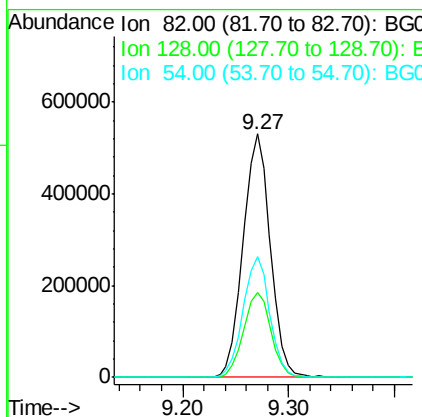
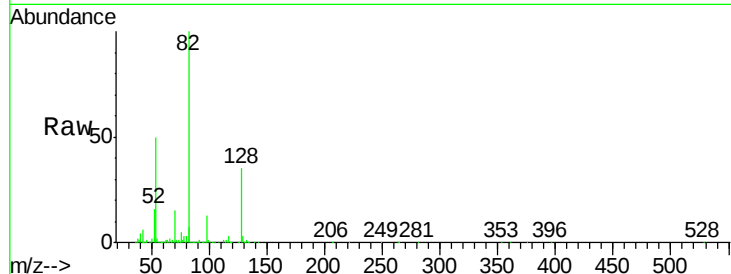




#23
 Nitrobenzene-d5
 Concen: 83.87 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BG023902.D
 Acq: 25 Aug 2016 20:27

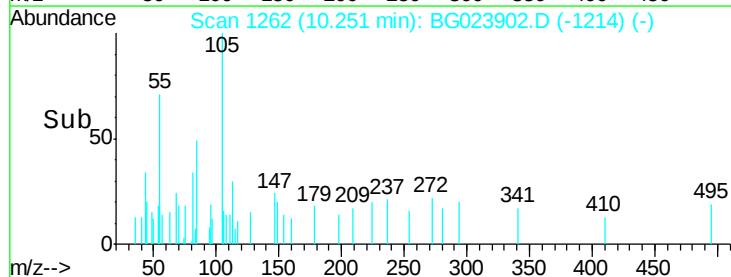
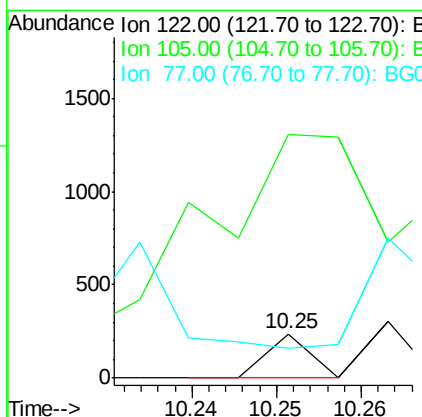
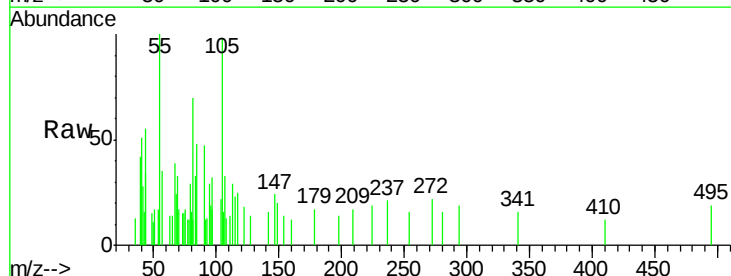
Instrument :
 BNA_G
 ClientSampleId :
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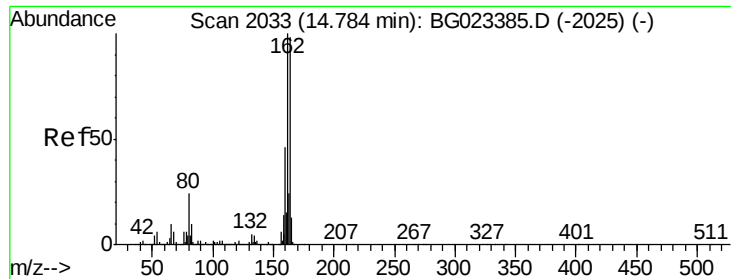
Tgt Ion: 82 Resp: 943982
 Ion Ratio Lower Upper
 82 100
 128 34.8 24.4 36.6
 54 49.6 41.4 62.0



#32
 Benzoic acid
 Concen: 6.45 ng
 RT: 10.25 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BG023902.D
 Acq: 25 Aug 2016 20:27

Tgt Ion: 122 Resp: 84
 Ion Ratio Lower Upper
 122 100
 105 550.6 117.2 157.2#
 77 67.5 109.2 149.2#

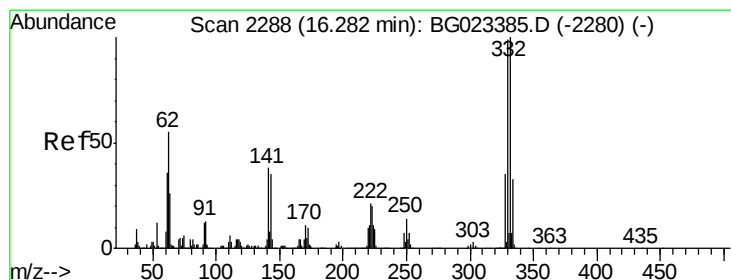
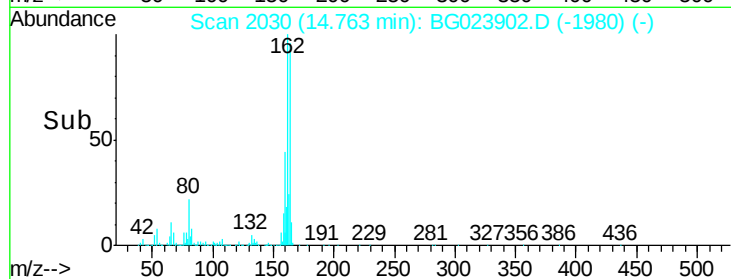
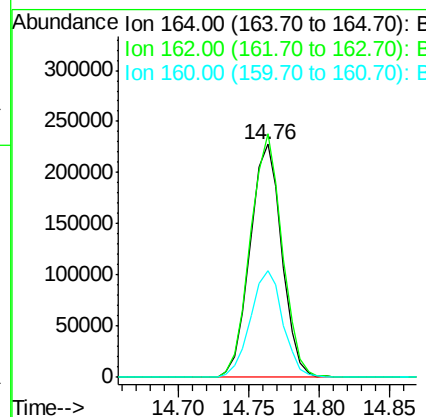
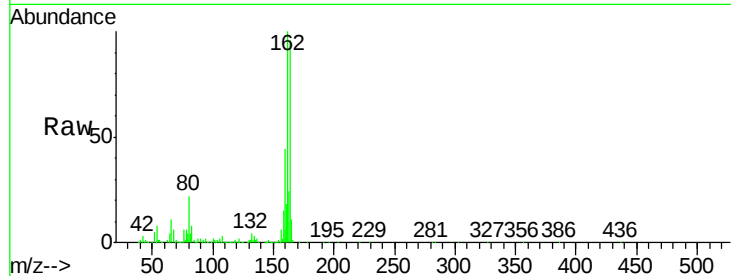




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BG023902.D
Acq: 25 Aug 2016 20:27

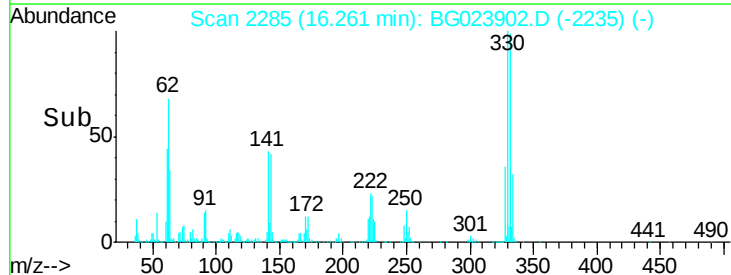
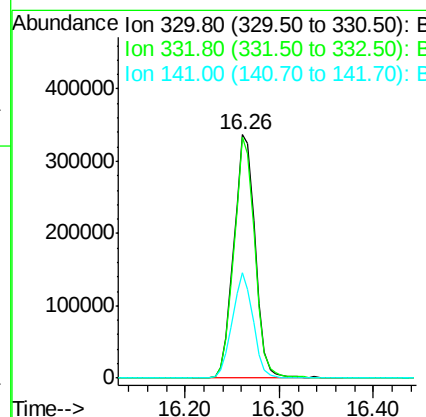
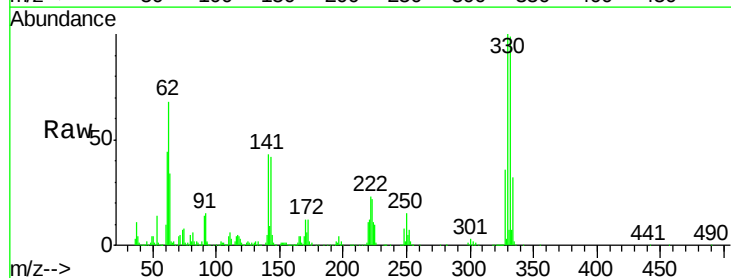
Instrument :
BNA_G
ClientSampleId :
MW-1

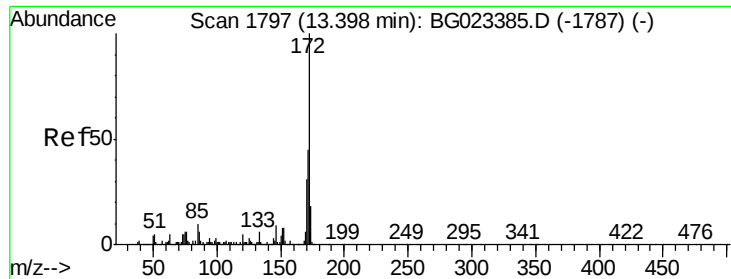
Tgt Ion:164 Resp: 360022
Ion Ratio Lower Upper
164 100
162 104.4 87.7 131.5
160 45.5 37.2 55.8



#41
2,4,6-Tribromophenol
Concen: 100.95 ng
RT: 16.26 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BG023902.D
Acq: 25 Aug 2016 20:27

Tgt Ion:330 Resp: 531585
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 42.4 31.7 47.5

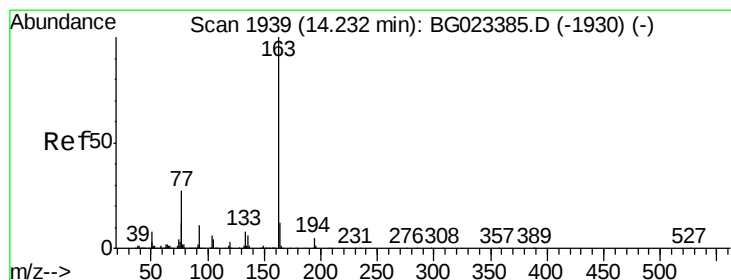
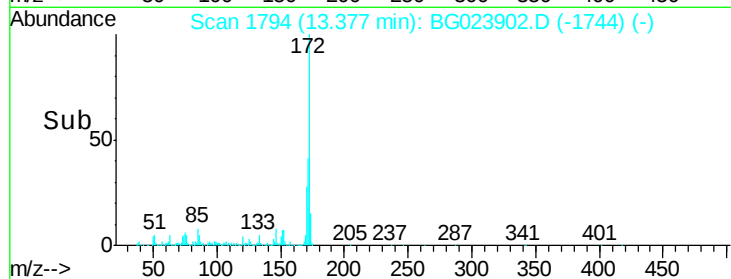
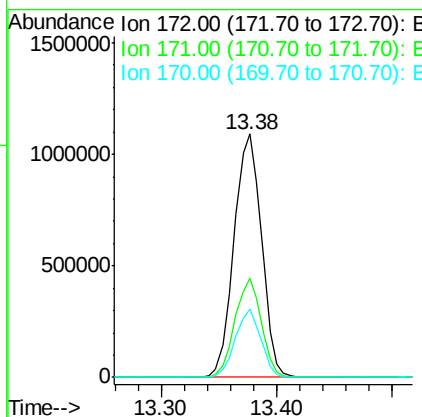
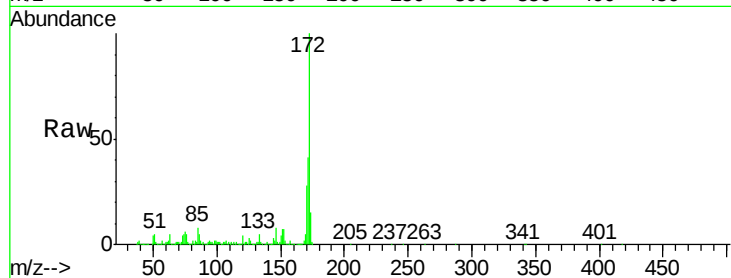




#44
2-Fluorobiphenyl
Concen: 84.05 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BG023902.D
Acq: 25 Aug 2016 20:27

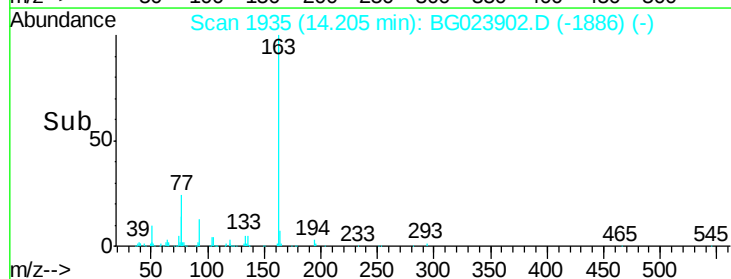
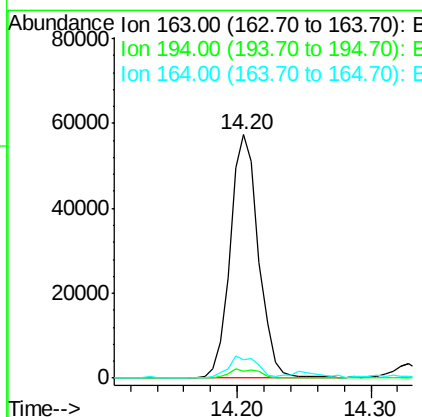
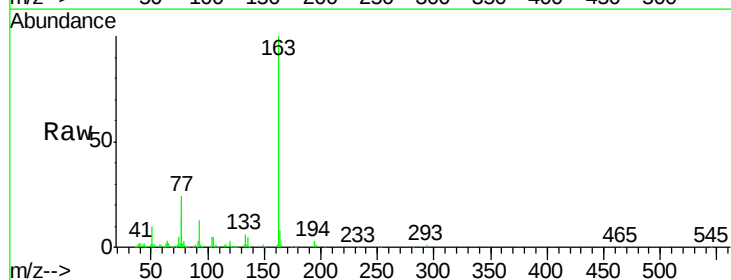
Instrument :
BNA_G
ClientSampled :
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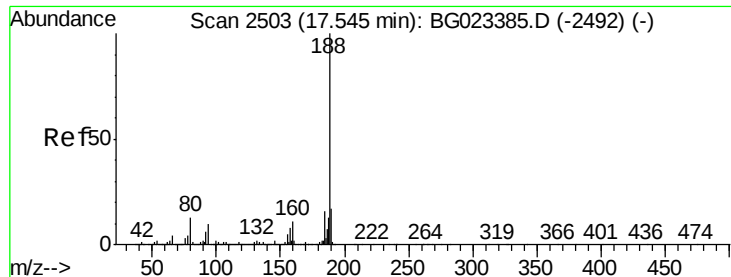
Tgt Ion:172 Resp: 1794035
Ion Ratio Lower Upper
172 100
171 40.5 31.6 47.4
170 28.1 21.3 31.9



#49
Dimethylphthalate
Concen: 3.06 ng
RT: 14.20 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG023902.D
Acq: 25 Aug 2016 20:27

Tgt Ion:163 Resp: 84538
Ion Ratio Lower Upper
163 100
194 3.0 3.6 5.4#
164 7.7 8.1 12.1#

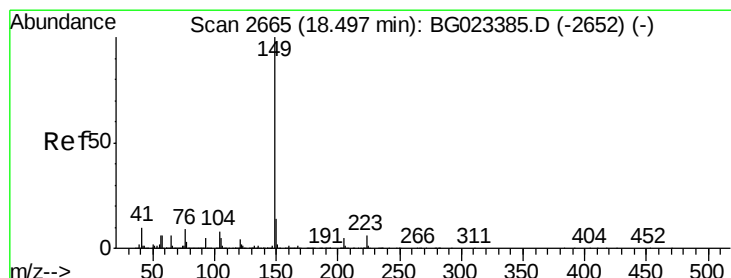
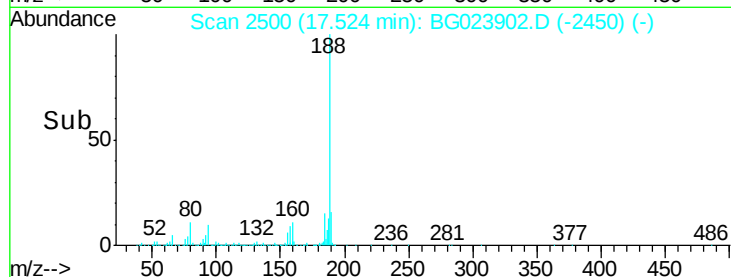
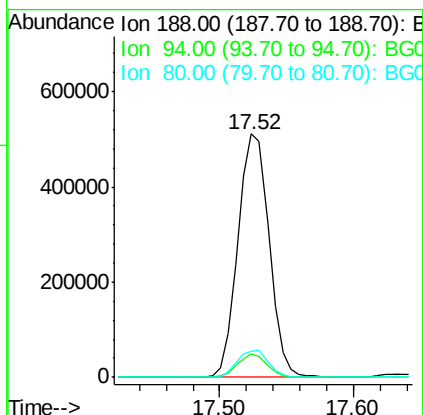
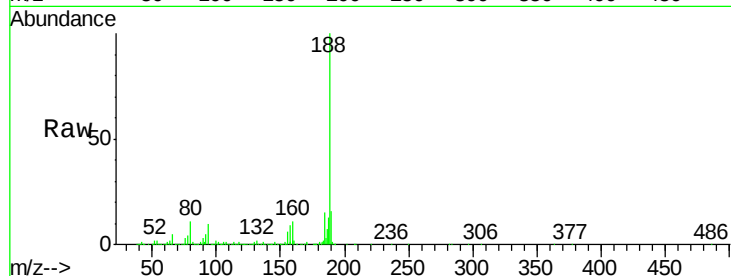




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.52 min Scan# 2500
 Delta R.T. -0.01 min
 Lab File: BG023902.D
 Acq: 25 Aug 2016 20:27

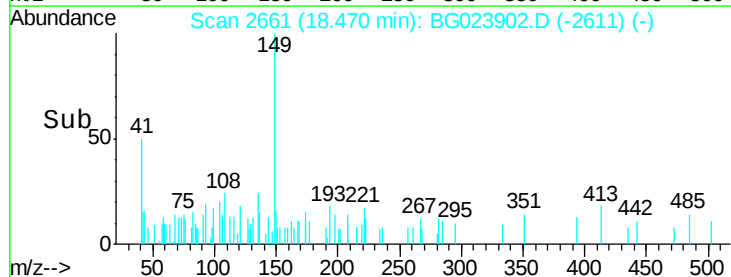
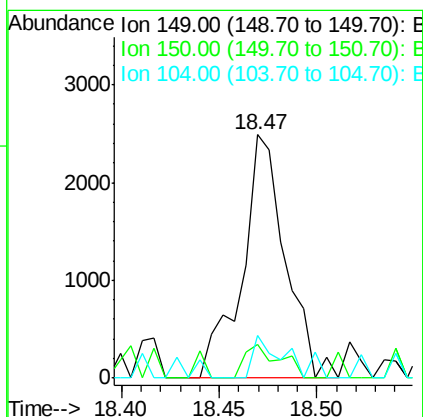
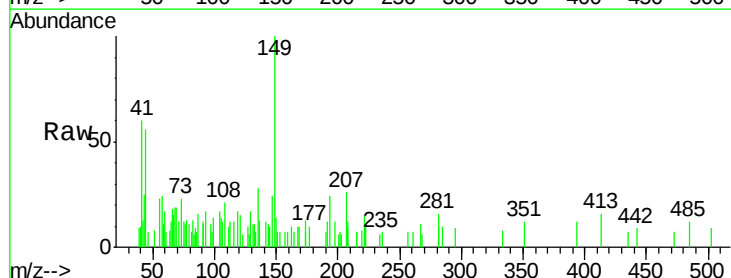
Instrument :
 BNA_G
 ClientSampleId :
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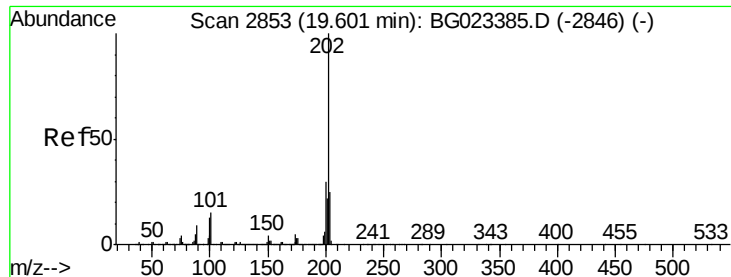
Tgt Ion:188 Resp: 825602
 Ion Ratio Lower Upper
 188 100
 94 9.8 5.2 7.8#
 80 10.9 7.2 10.8#



#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 18.47 min Scan# 2661
 Delta R.T. -0.01 min
 Lab File: BG023902.D
 Acq: 25 Aug 2016 20:27

Tgt Ion:149 Resp: 3826
 Ion Ratio Lower Upper
 149 100
 150 13.7 9.1 13.7#
 104 17.3 6.9 10.3#

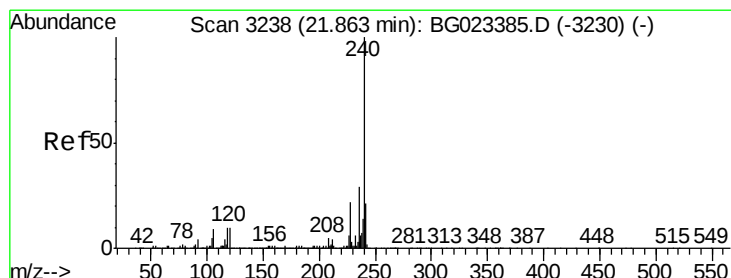
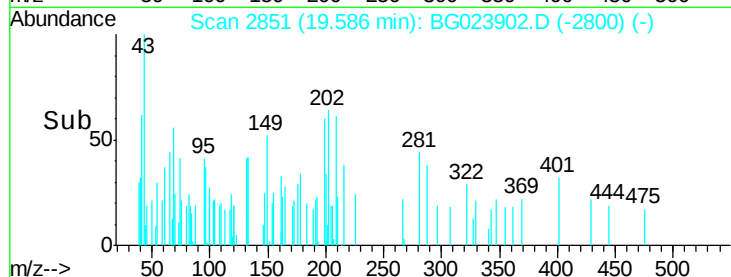
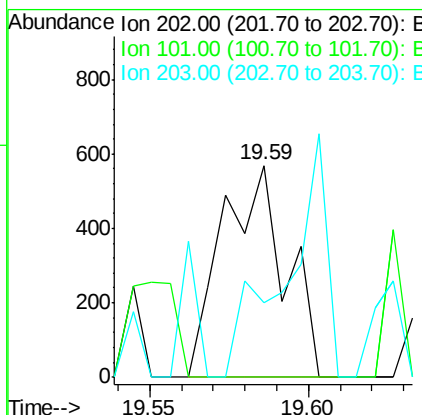
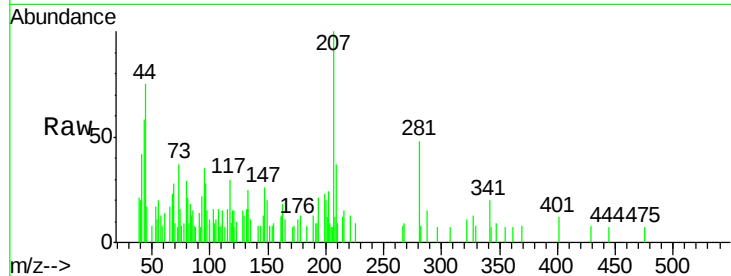




#74
Fluoranthene
Concen: Below Cal
RT: 19.59 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG023902.D
Acq: 25 Aug 2016 20:27

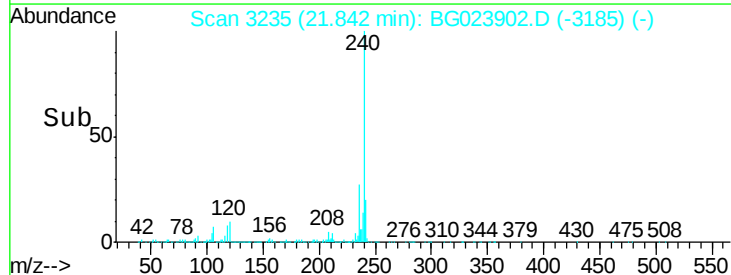
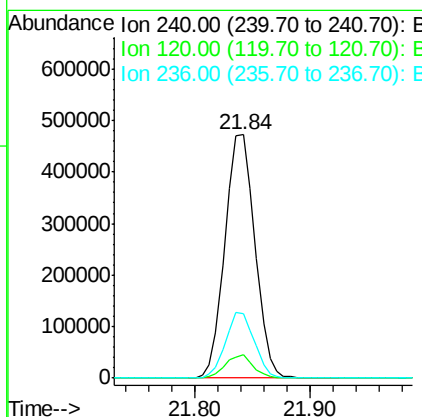
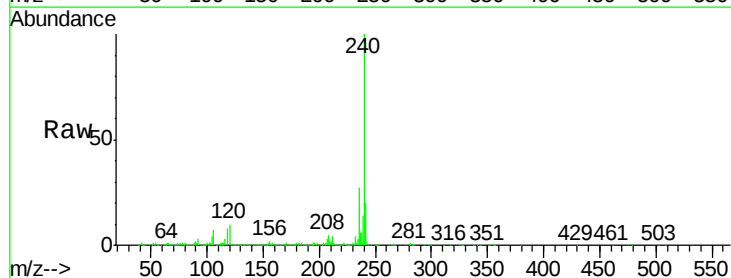
Instrument :
BNA_G
ClientSampled :
MW-1

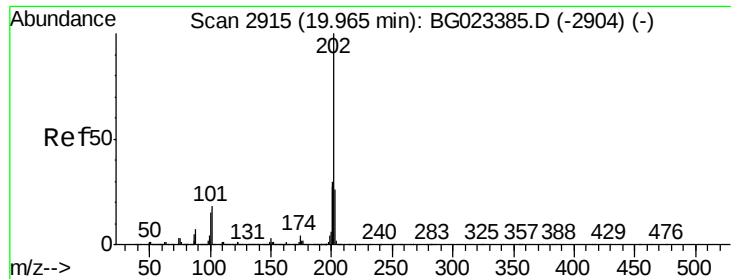
Tgt Ion:202 Resp: 791
Ion Ratio Lower Upper
202 100
101 0.0 0.0 27.4
203 34.9 1.7 41.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.01 min
Lab File: BG023902.D
Acq: 25 Aug 2016 20:27

Tgt Ion:240 Resp: 853051
Ion Ratio Lower Upper
240 100
120 9.6 4.1 6.1#
236 26.7 21.1 31.7





#77

Pyrene

Concen: Below Cal

RT: 19.96 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BG023902.D

Acq: 25 Aug 2016 20:27

Instrument :

BNA_G

ClientSampled :

MW-1

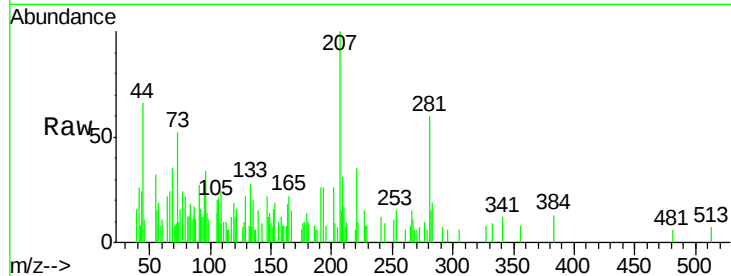
Tgt Ion:202 Resp: 777

Ion Ratio Lower Upper

202 100

200 0.0 21.2 31.8#

203 34.4 16.8 25.2#

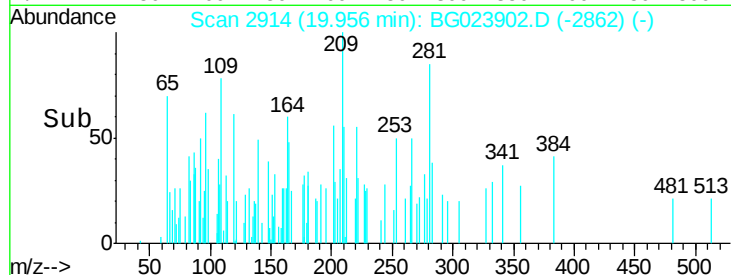


Abundance Ion 202.00 (201.70 to 202.70): E

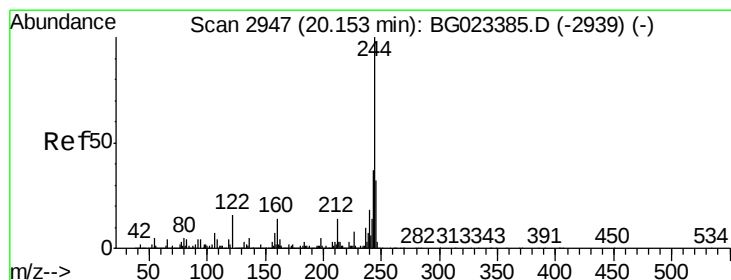
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

Time--> 19.90 19.95



Time--> 19.90 19.95



#78

Terphenyl-d14

Concen: 85.02 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BG023902.D

Acq: 25 Aug 2016 20:27

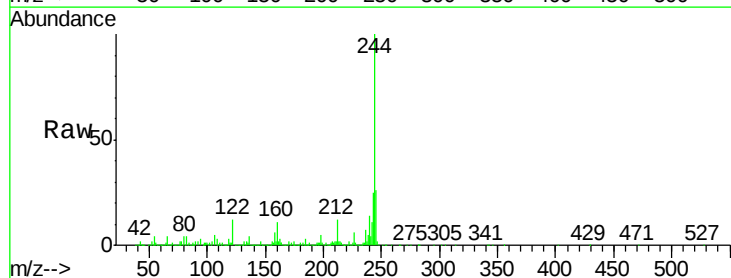
Tgt Ion:244 Resp: 2317354

Ion Ratio Lower Upper

244 100

212 11.6 10.8 16.2

122 12.4 8.0 12.0#

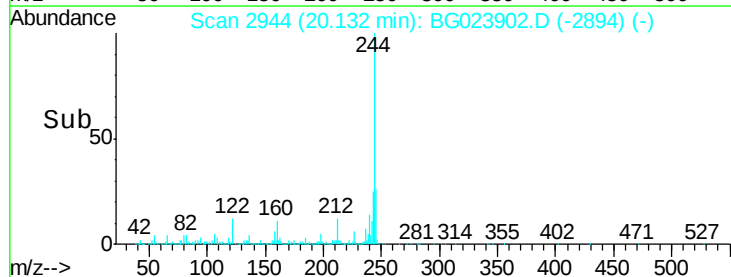


Abundance Ion 244.00 (243.70 to 244.70): E

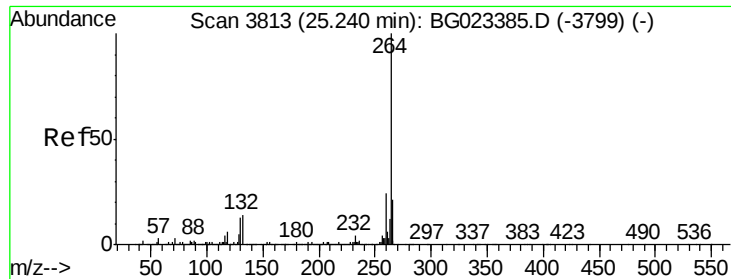
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 20.10 20.20



Time--> 20.10 20.20



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3810
Delta R.T. -0.01 min
Lab File: BG023902.D
Acq: 25 Aug 2016 20:27

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:	264	Resp:	830297
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	23.2	18.9	28.3

