

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
 Data File : BG024183.D
 Acq On : 1 Oct 2016 6:24
 Operator : UM/SJ
 Sample : H5023-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-AREA-B-1-09272016

Quant Time: Oct 03 01:02:19 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	34375	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	145066	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	113708	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	302923	20.00	ng	0.00
75) Chrysene-d12	21.78	240	373356	20.00	ng	-0.01
86) Perylene-d12	25.11	264	312513	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	327853	165.23	ng	0.00
7) Phenol-d6	7.20	99	438262	131.27	ng	0.00
23) Nitrobenzene-d5	9.21	82	369749	100.46	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	233022	142.57	ng	-0.01
44) 2-Fluorobiphenyl	13.32	172	708108	104.68	ng	-0.01
78) Terphenyl-d14	20.08	244	1568818	86.04	ng	-0.01

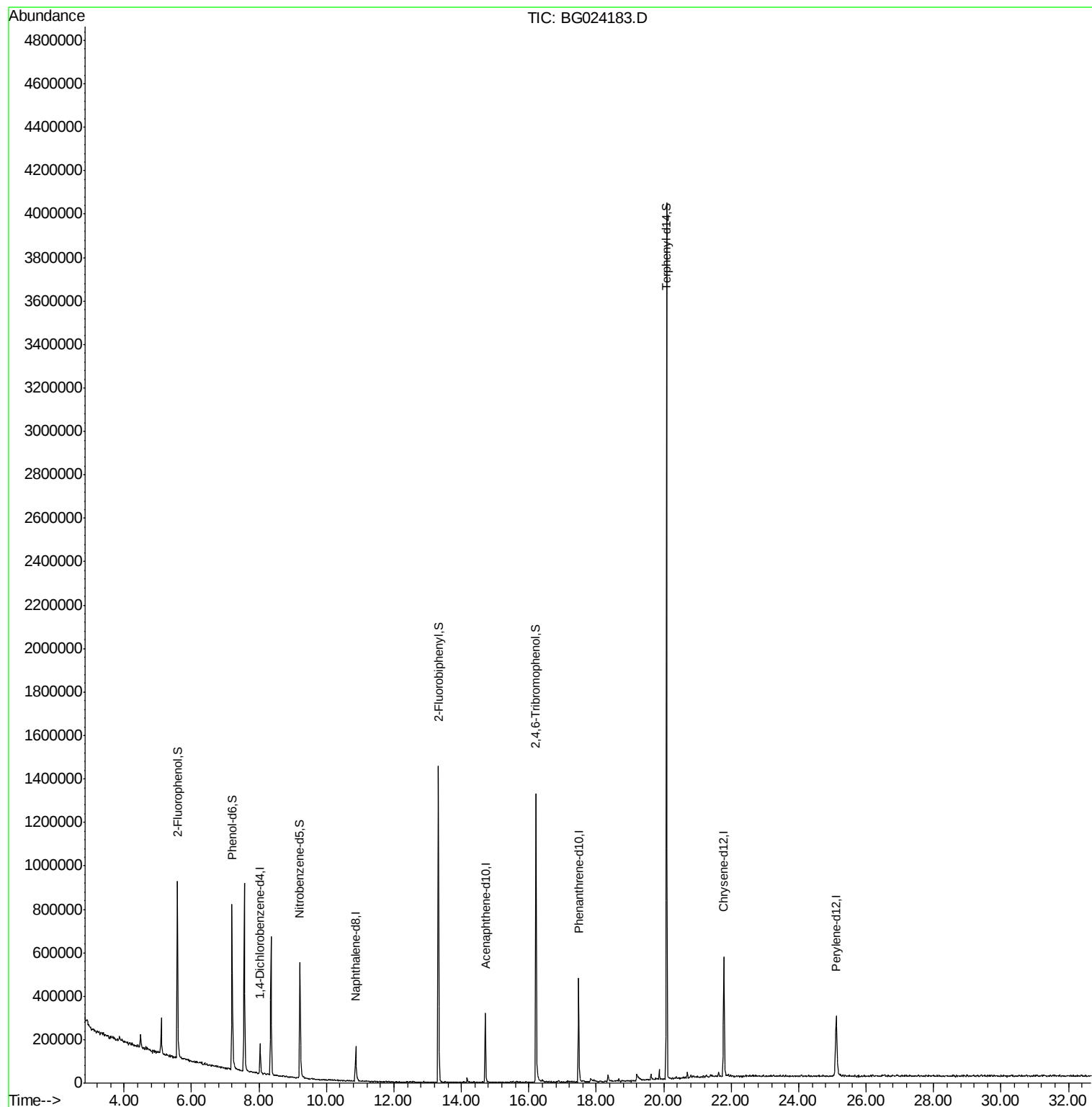
Target Compounds Qvalue

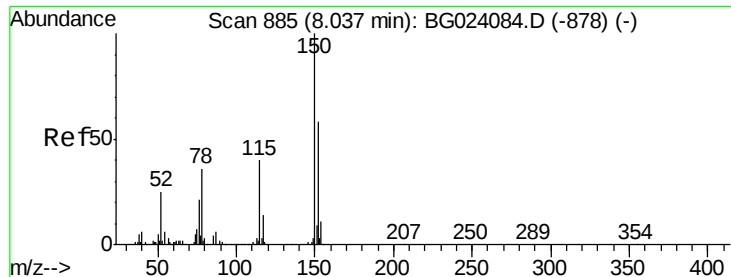
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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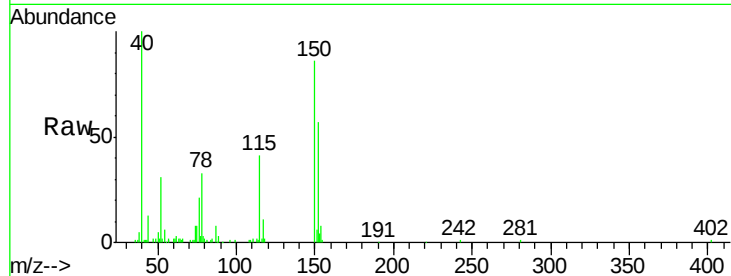


#1

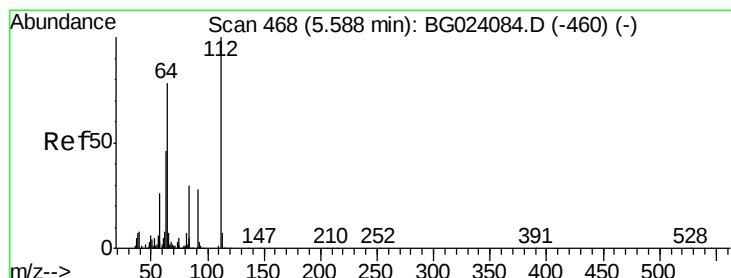
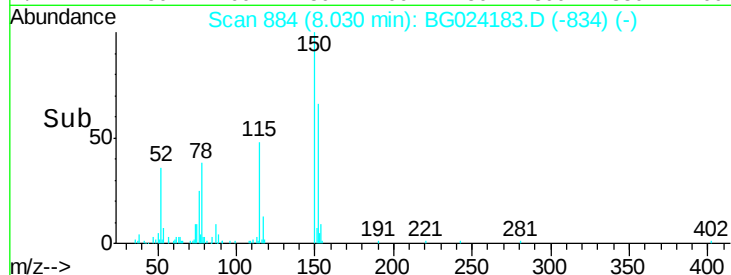
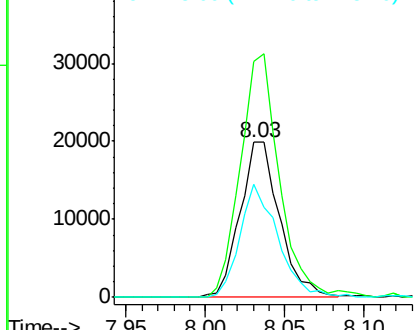
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG024183.D
Acq: 1 Oct 2016 6:24

Instrument :
BNA_G
ClientSampleId :
WC-AREA-B-1-09272016

Tot Ion:152 Resp: 34375
Ion Ratio Lower Upper
152 100
150 152.0 144.7 217.1
115 73.1 64.0 96.0



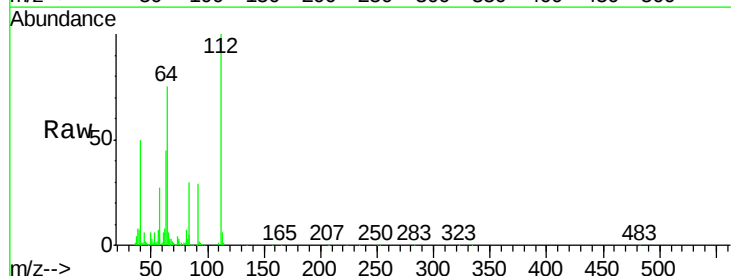
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



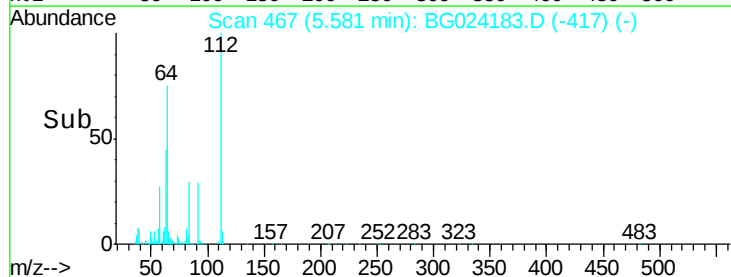
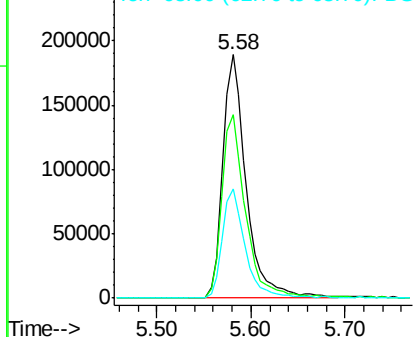
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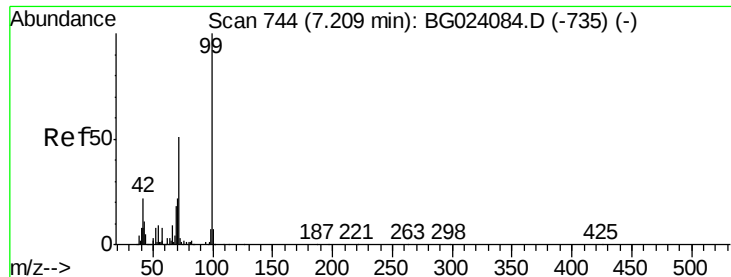
2-Fluorophenol
Concen: 165.23 ng
RT: 5.58 min Scan# 467
Delta R.T. -0.01 min
Lab File: BG024183.D
Acq: 1 Oct 2016 6:24

Tgt Ion:112 Resp: 327853
Ion Ratio Lower Upper
112 100
64 75.5 59.0 88.4
63 44.9 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 131.27 ng

RT: 7.20 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG024183.D

Acq: 1 Oct 2016 6:24

Instrument :

BNA_G

ClientSampleId :

WC-AREA-B-1-09272016

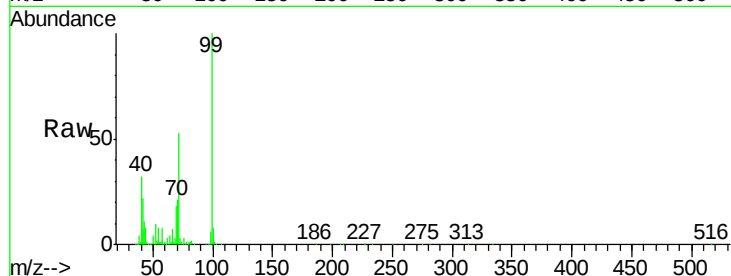
Tot Ion: 99 Resp: 438262

Ion Ratio Lower Upper

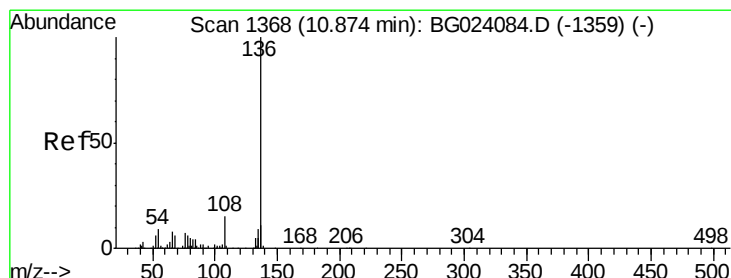
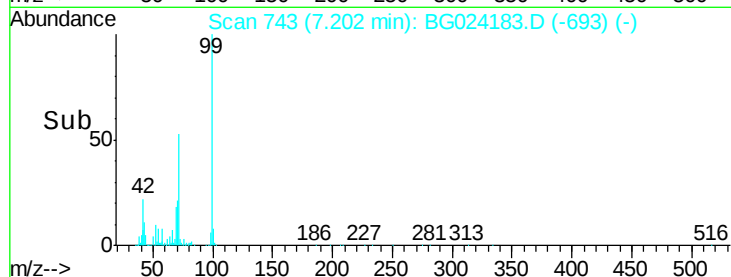
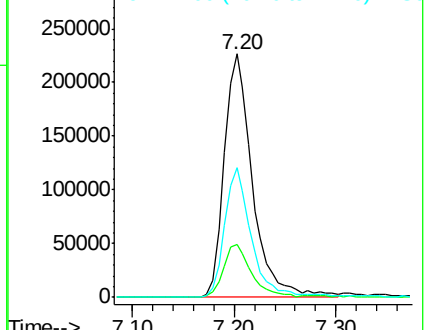
99 100

42 21.9 17.8 26.6

71 53.1 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BG024183.D

Acq: 1 Oct 2016 6:24

Tgt Ion: 136 Resp: 145066

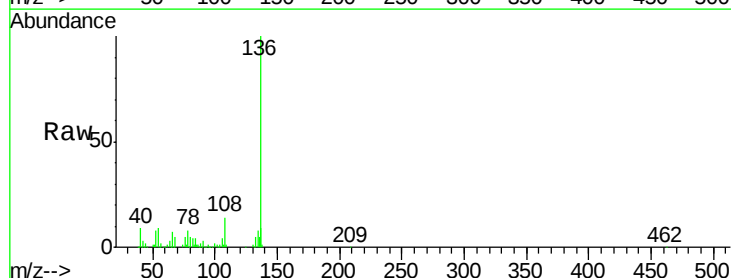
Ion Ratio Lower Upper

136 100

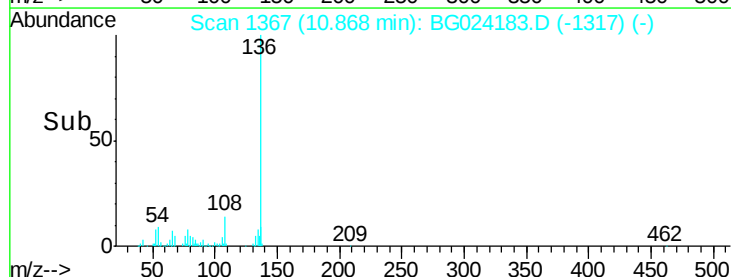
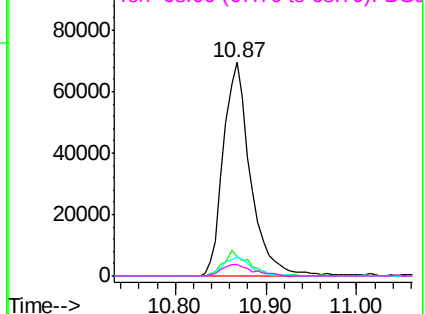
137 9.2 9.6 14.4#

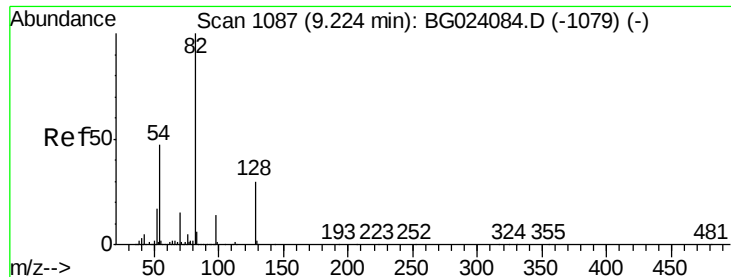
54 9.1 7.3 10.9

68 5.3 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

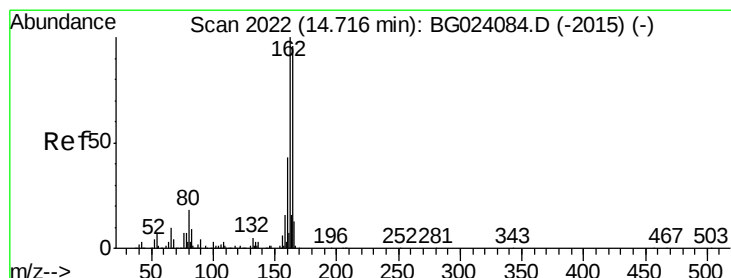
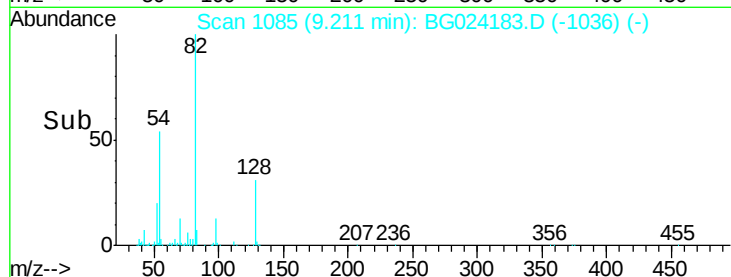
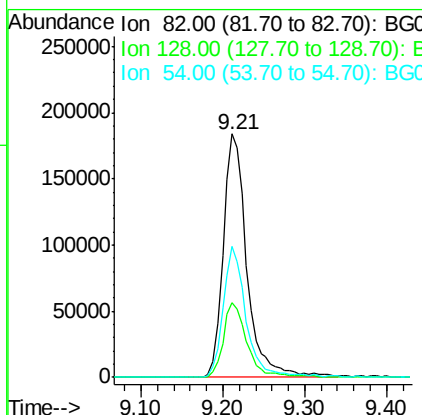
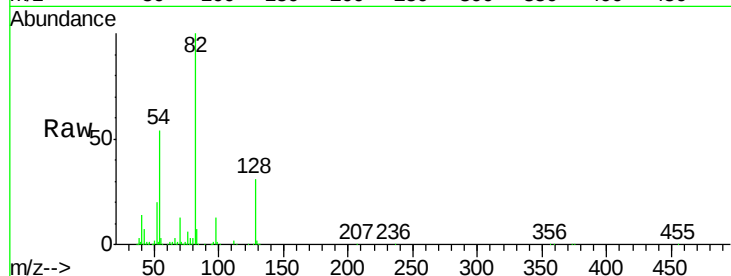




#23
 Nitrobenzene-d5
 Concen: 100.46 ng
 RT: 9.21 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BG024183.D
 Acq: 1 Oct 2016 6:24

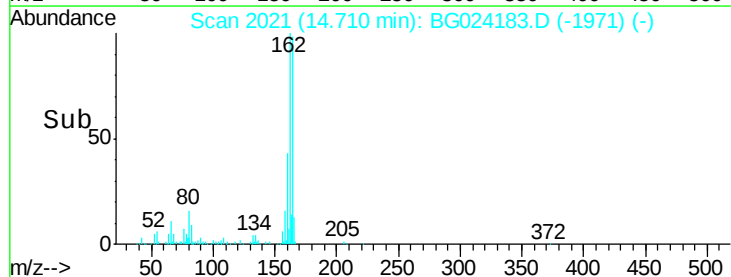
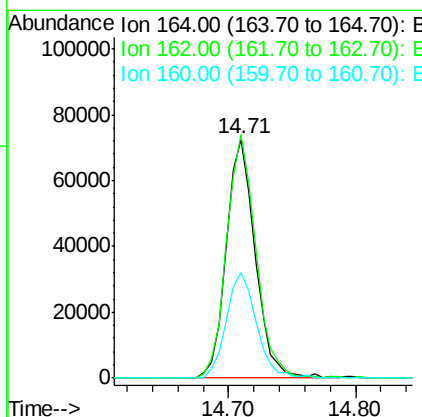
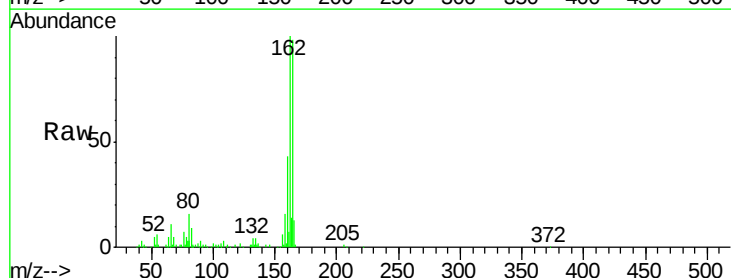
Instrument :
 BNA_G
 ClientSampleId :
 WC-AREA-B-1-09272016

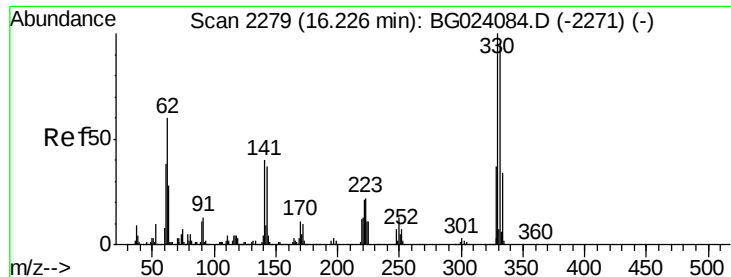
Tot Ion	82	Resp	369749
Ion Ratio	Lower	Upper	
82	100		
128	30.8	24.4	36.6
54	53.6	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BG024183.D
 Acq: 1 Oct 2016 6:24

Tgt Ion	164	Resp	113708
Ion Ratio	Lower	Upper	
164	100		
162	101.9	87.7	131.5
160	44.1	37.2	55.8

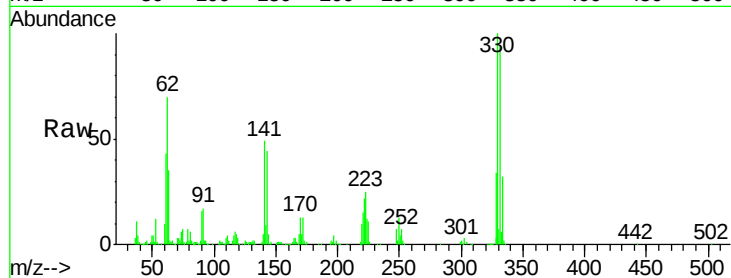




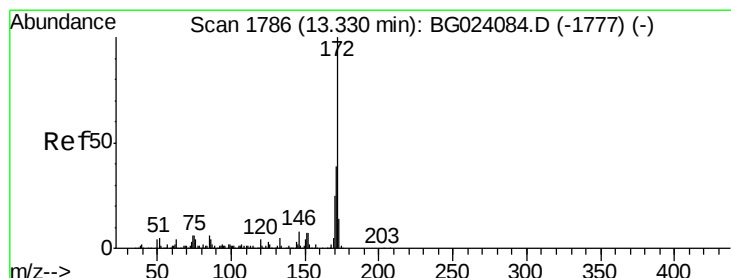
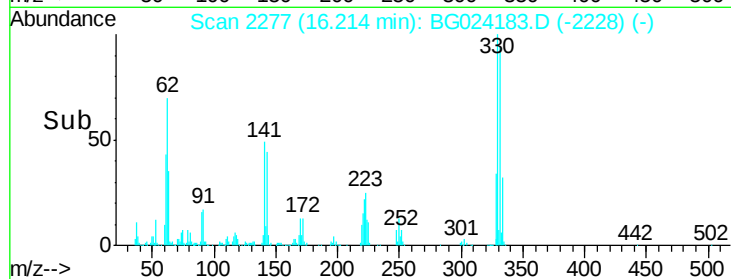
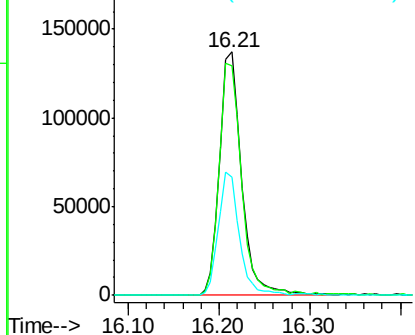
#41
 2,4,6-Tribromophenol
 Concen: 142.57 ng
 RT: 16.21 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG024183.D
 Acq: 1 Oct 2016 6:24

Instrument :
 BNA_G
 ClientSampleId :
 WC-AREA-B-1-09272016

Tot Ion:330 Resp: 233022
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 47.6 31.7 47.5#

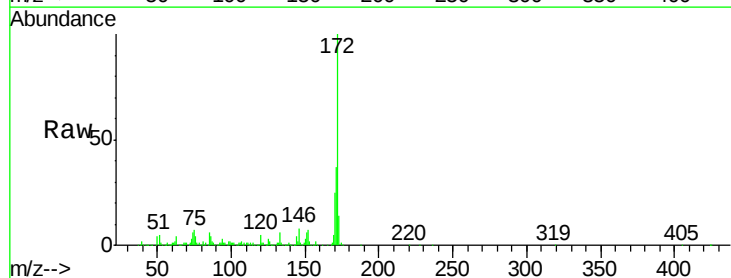


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

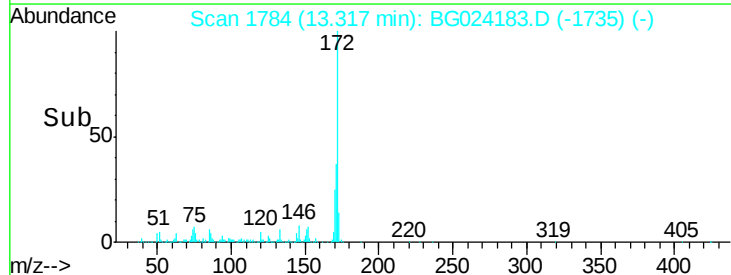
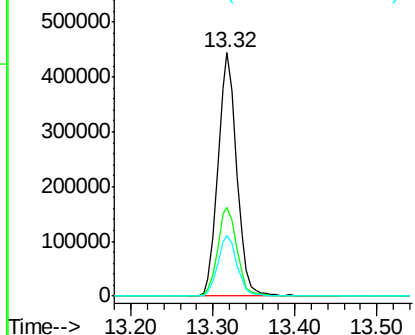


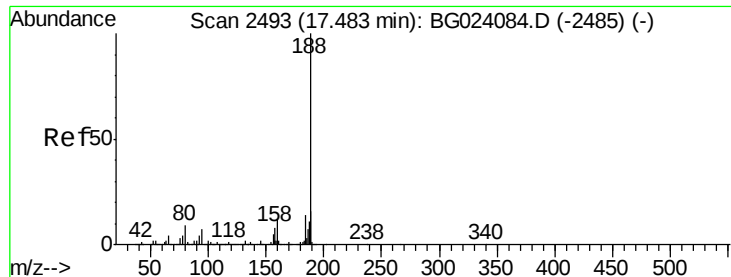
#44
 2-Fluorobiphenyl
 Concen: 104.68 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG024183.D
 Acq: 1 Oct 2016 6:24

Tgt Ion:172 Resp: 708108
 Ion Ratio Lower Upper
 172 100
 171 36.6 31.6 47.4
 170 24.7 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BG024183.D

Acq: 1 Oct 2016 6:24

Instrument :

BNA_G

ClientSampleId :

WC-AREA-B-1-09272016

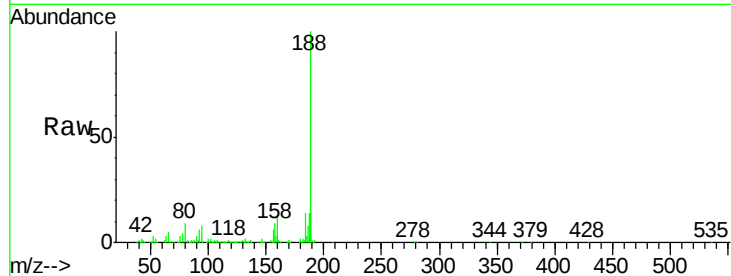
Tot Ion:188 Resp: 302923

Ion Ratio Lower Upper

188 100

94 7.6 5.2 7.8

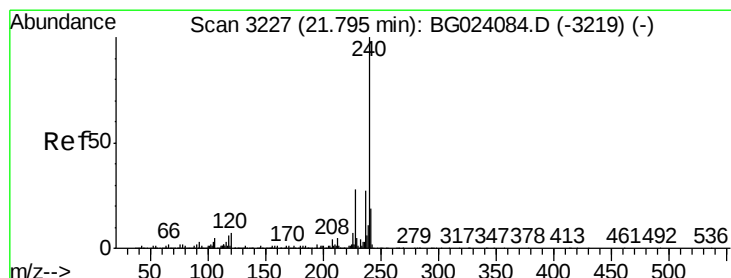
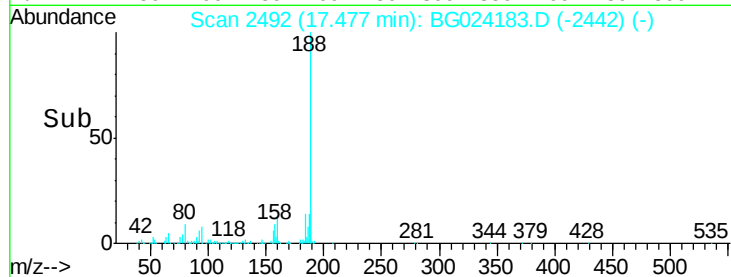
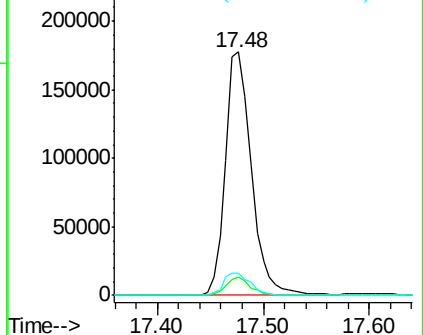
80 9.3 7.2 10.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.78 min Scan# 3225

Delta R.T. -0.01 min

Lab File: BG024183.D

Acq: 1 Oct 2016 6:24

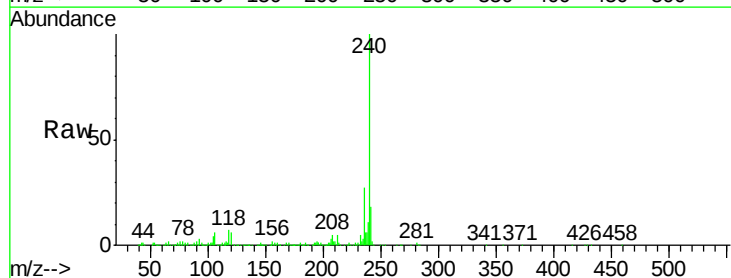
Tgt Ion:240 Resp: 373356

Ion Ratio Lower Upper

240 100

120 6.1 4.1 6.1

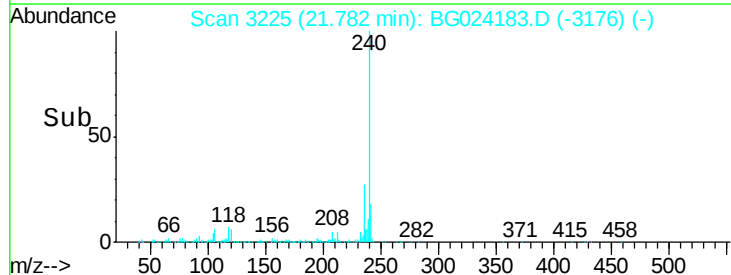
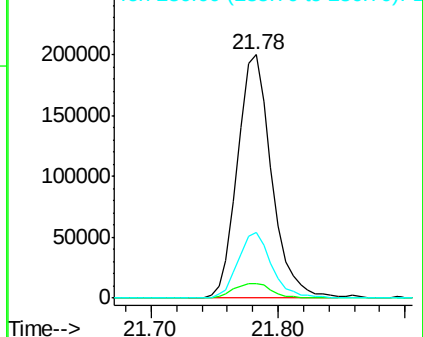
236 26.9 21.1 31.7

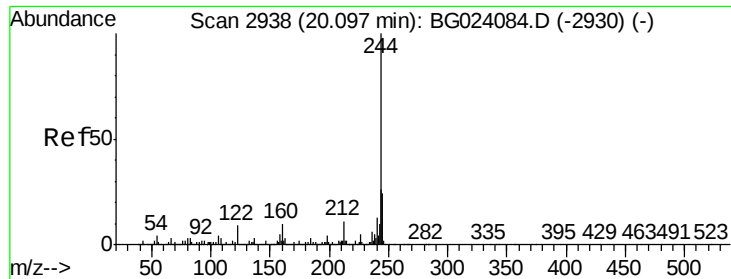


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.04 ng

RT: 20.08 min Scan# 2936

Delta R.T. -0.01 min

Lab File: BG024183.D

Acq: 1 Oct 2016 6:24

Instrument :

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ClientSampleId :

WC-AREA-B-1-09272016

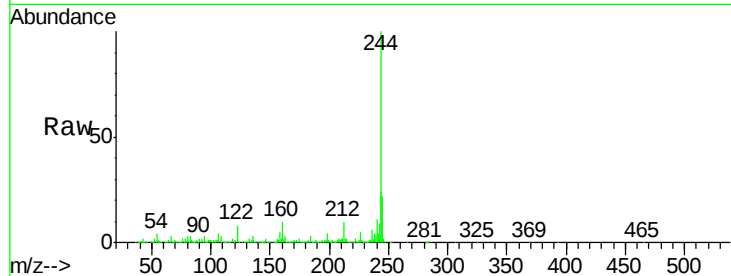
Tot Ion:244 Resp: 1568818

Ion Ratio Lower Upper

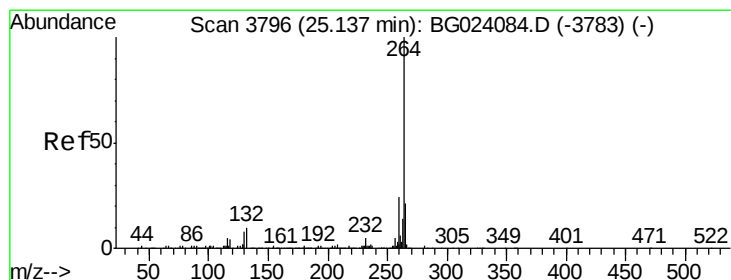
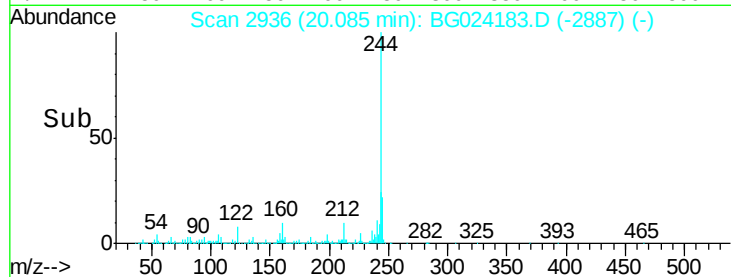
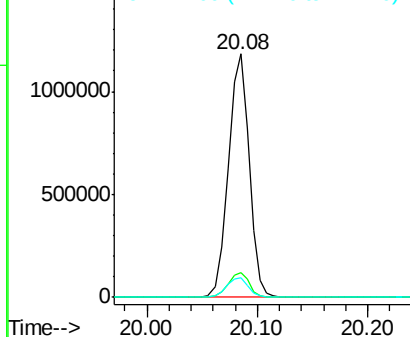
244 100

212 10.3 10.8 16.2#

122 8.2 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: 25.11 min Scan# 3792

Delta R.T. -0.02 min

Lab File: BG024183.D

Acq: 1 Oct 2016 6:24

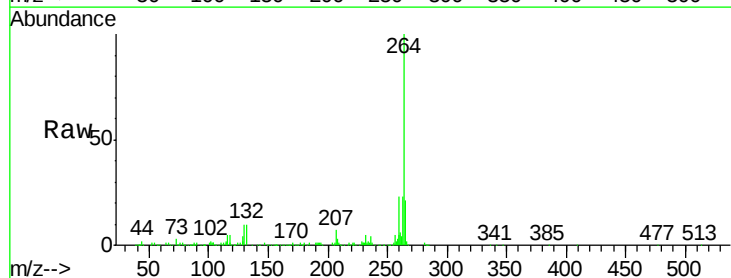
Tgt Ion:264 Resp: 312513

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 20.8 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

