

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
 Data File : BG024179.D
 Acq On : 1 Oct 2016 3:51
 Operator : UM/SJ
 Sample : H5023-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-NON-TSCA-09272016

Quant Time: Oct 01 04:37:34 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	40470	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	167123	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	123732	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	339734	20.00	ng	0.00
75) Chrysene-d12	21.78	240	412496	20.00	ng	-0.02
86) Perylene-d12	25.12	264	140929	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	339424	145.30	ng	0.00
7) Phenol-d6	7.20	99	436347	111.01	ng	0.00
23) Nitrobenzene-d5	9.21	82	379820	89.57	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	237237	133.39	ng	-0.02
44) 2-Fluorobiphenyl	13.32	172	739795	100.50	ng	0.00
78) Terphenyl-d14	20.08	244	1586496	78.75	ng	-0.02

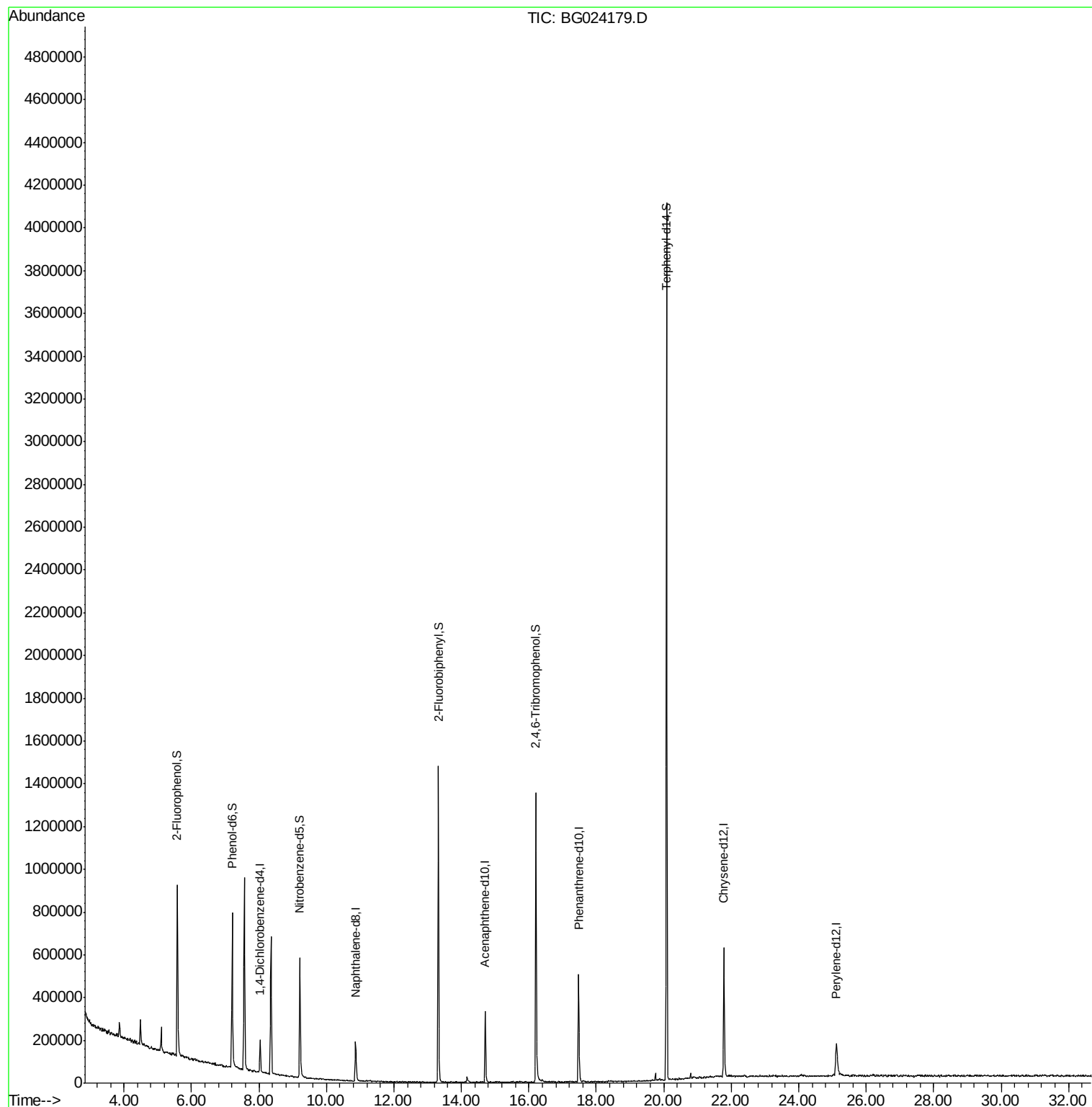
Target Compounds Qvalue

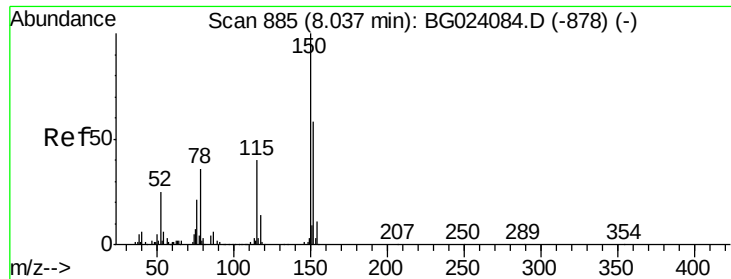
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG024179.D

Acq: 1 Oct 2016 3:51

Instrument :

BNA_G

ClientSampleId :

WC-NON-TSCA-09272016

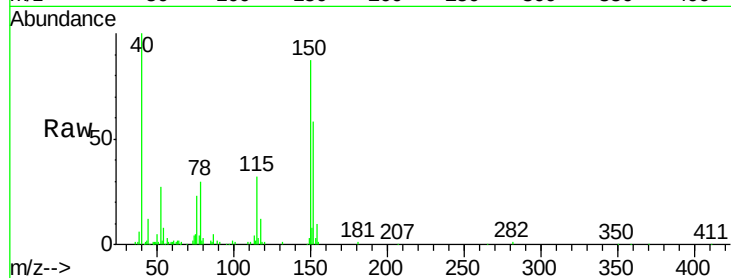
Tot Ion:152 Resp: 40470

Ion Ratio Lower Upper

152 100

150 150.1 144.7 217.1

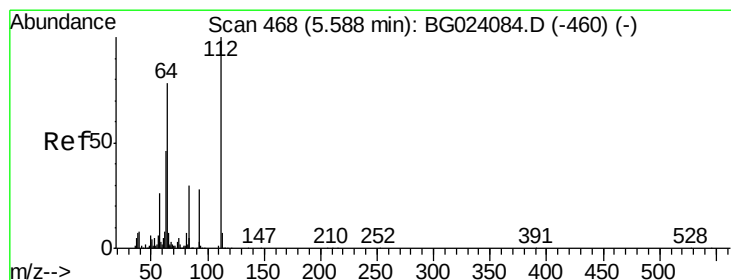
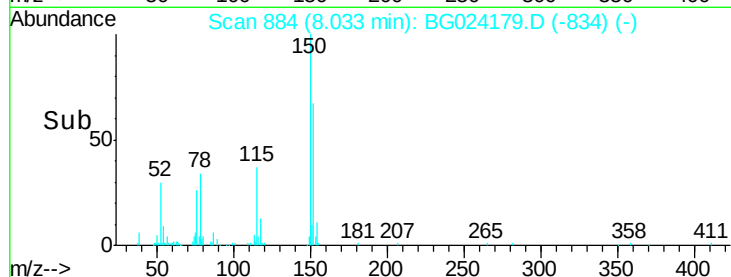
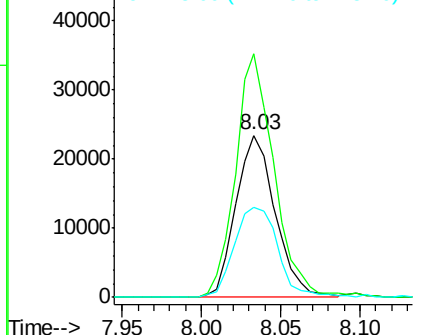
115 55.7 64.0 96.0#



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



#5

2-Fluorophenol

Concen: 145.30 ng

RT: 5.58 min Scan# 466

Delta R.T. -0.01 min

Lab File: BG024179.D

Acq: 1 Oct 2016 3:51

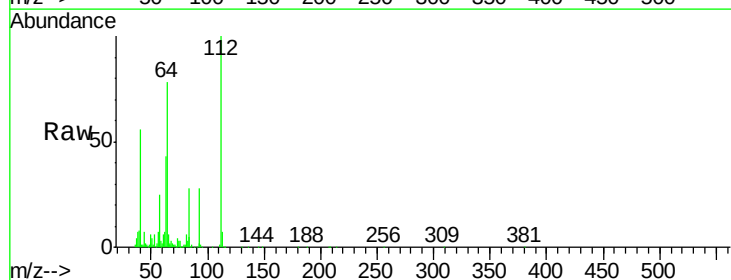
Tgt Ion:112 Resp: 339424

Ion Ratio Lower Upper

112 100

64 77.5 59.0 88.4

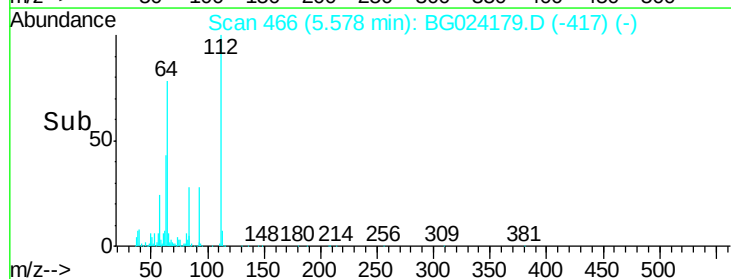
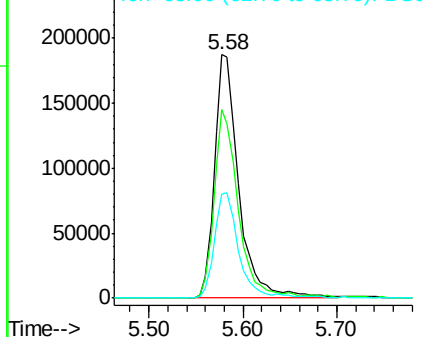
63 42.7 37.8 56.8

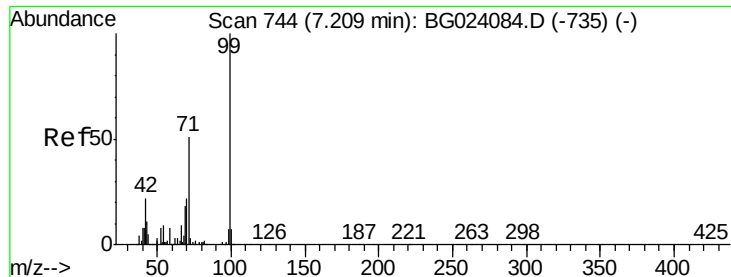


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 111.01 ng

RT: 7.20 min Scan# 743

Delta R.T. -0.00 min

Lab File: BG024179.D

Acq: 1 Oct 2016 3:51

Instrument :

BNA_G

ClientSampleId :

WC-NON-TSCA-09272016

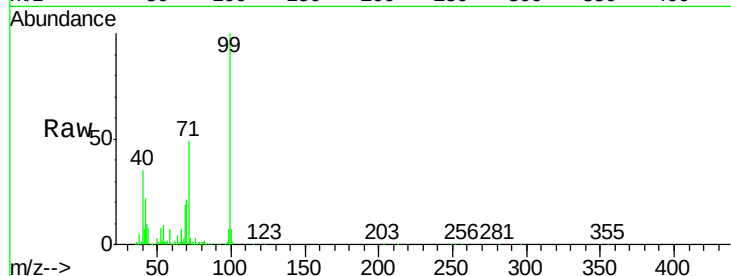
Tot Ion: 99 Resp: 436347

Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.8	26.6
71	49.0	41.5	62.3

99 100

42 22.4 17.8 26.6

71 49.0 41.5 62.3

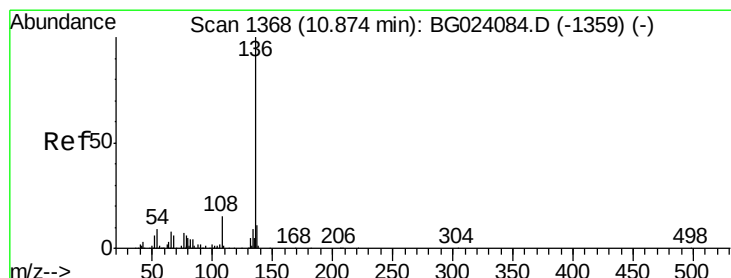
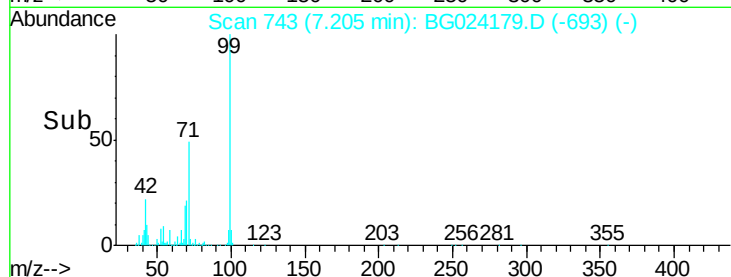
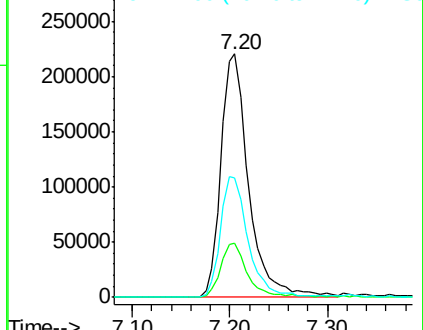


Abundance

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. -0.00 min

Lab File: BG024179.D

Acq: 1 Oct 2016 3:51

Tgt Ion: 136 Resp: 167123

Ion	Ratio	Lower	Upper
136	100		
137	7.6	9.6	14.4#
54	9.2	7.3	10.9
68	5.9	5.3	7.9

136 100

137 7.6 9.6 14.4#

54 9.2 7.3 10.9

68 5.9 5.3 7.9

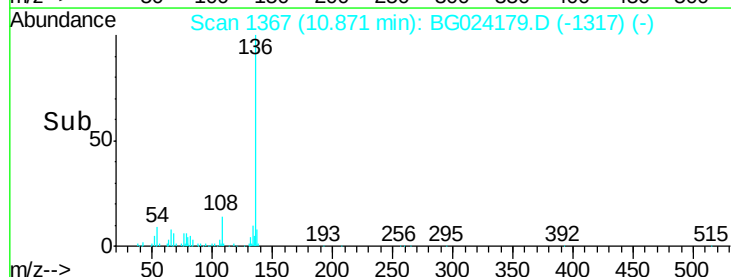
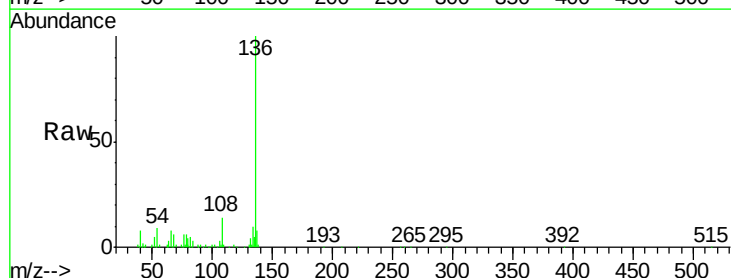
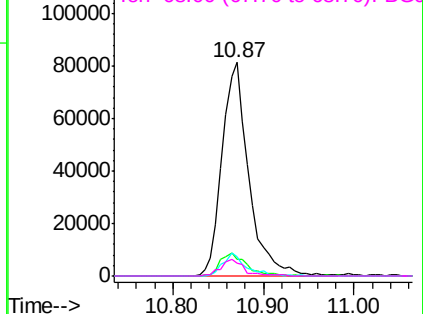
Abundance

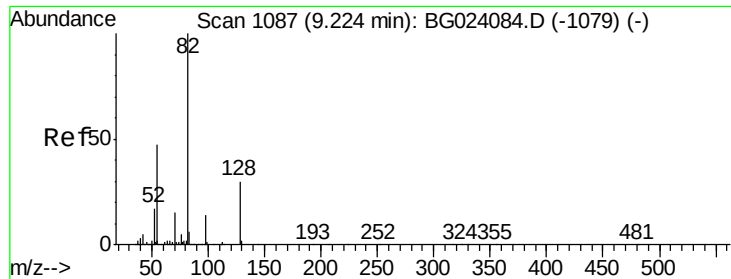
Ion 136.00 (135.70 to 136.70): BGC

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

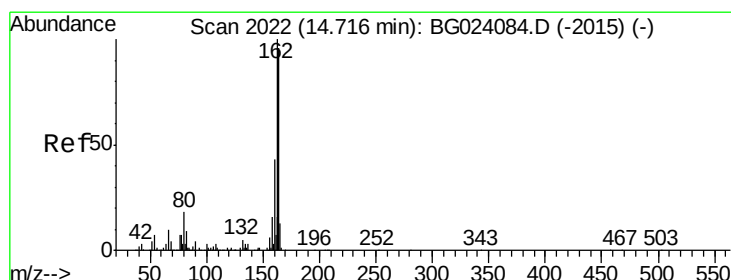
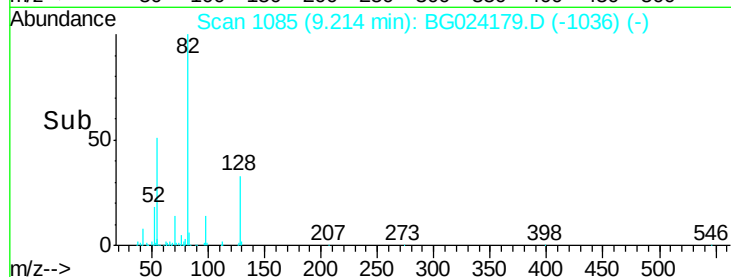
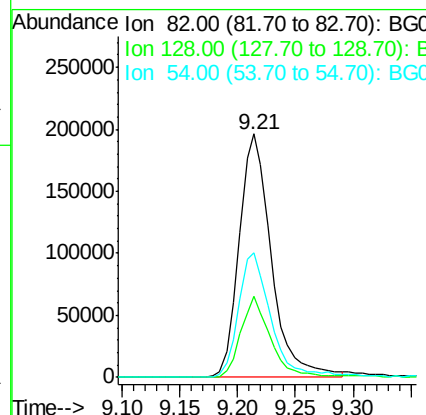
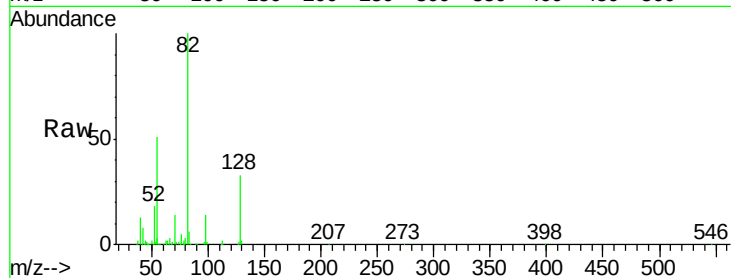




#23
 Nitrobenzene-d5
 Concen: 89.57 ng
 RT: 9.21 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BG024179.D
 Acq: 1 Oct 2016 3:51

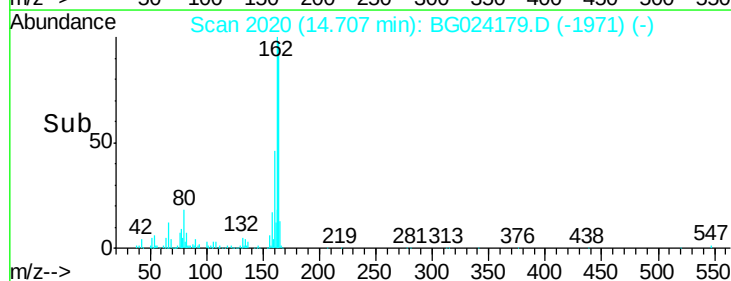
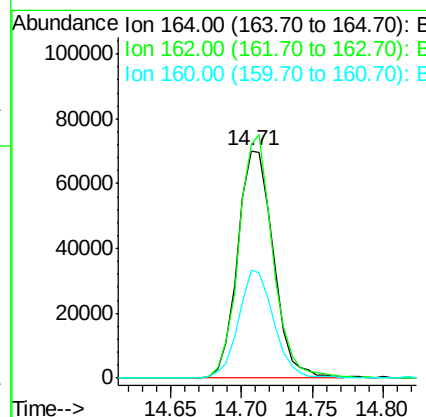
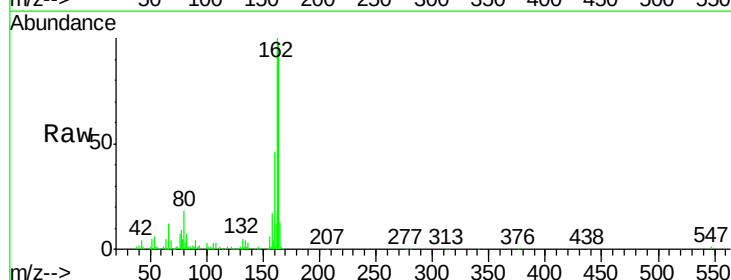
Instrument :
 BNA_G
 ClientSampleId :
 WC-NON-TSCA-09272016

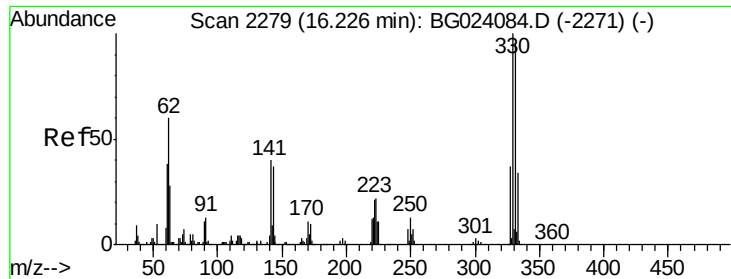
Tot Ion	82	Resp	379820
Ion Ratio	Lower	Upper	
82	100		
128	33.1	24.4	36.6
54	51.4	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BG024179.D
 Acq: 1 Oct 2016 3:51

Tgt Ion	164	Resp	123732
Ion Ratio	Lower	Upper	
164	100		
162	102.6	87.7	131.5
160	47.7	37.2	55.8

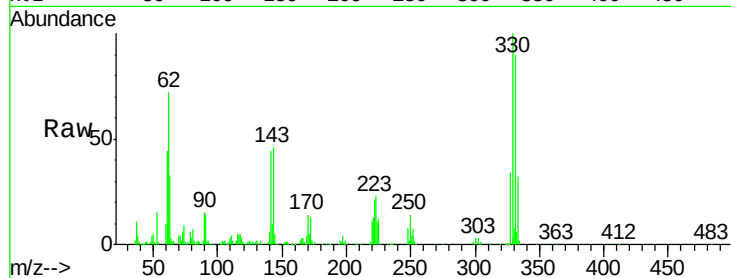




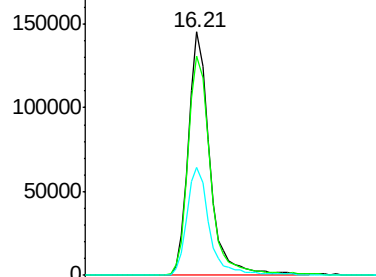
#41
 2,4,6-Tribromophenol
 Concen: 133.39 ng
 RT: 16.21 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BG024179.D
 Acq: 1 Oct 2016 3:51

Instrument :
 BNA_G
 ClientSampleId :
 WC-NON-TSCA-09272016

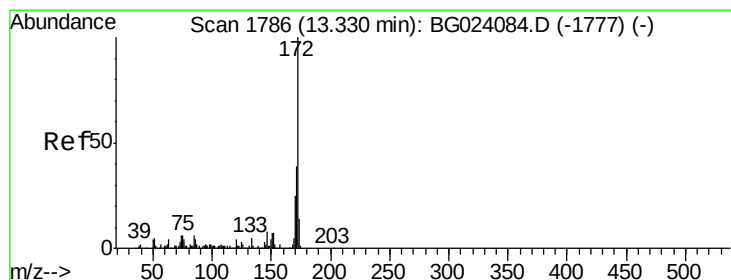
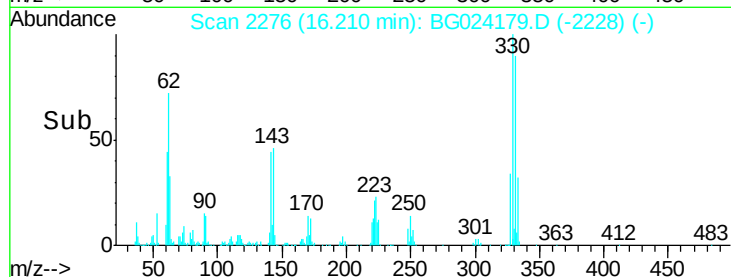
Tot Ion:330 Resp: 237237
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.4 116.2
 141 46.6 31.7 47.5



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

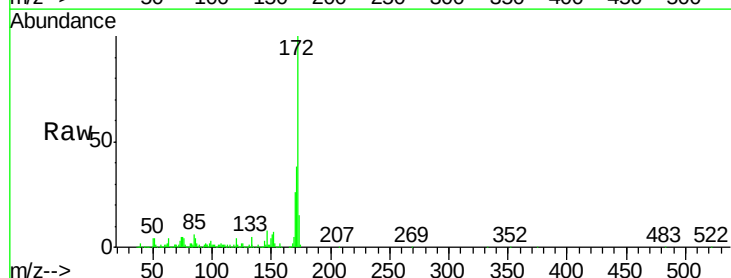


Time--> 16.10 16.20 16.30

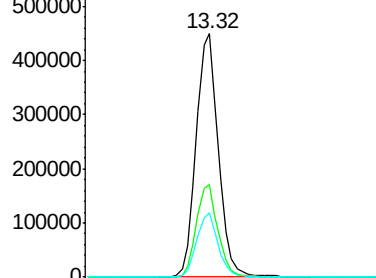


#44
 2-Fluorobiphenyl
 Concen: 100.50 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG024179.D
 Acq: 1 Oct 2016 3:51

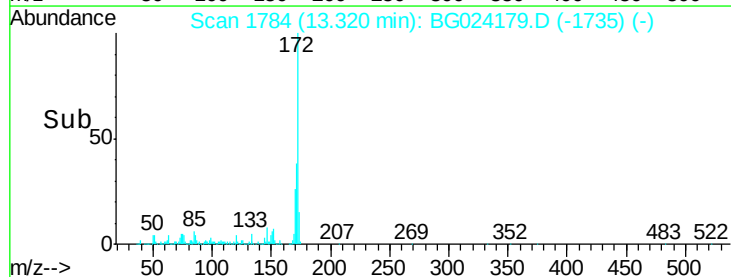
Tgt Ion:172 Resp: 739795
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.6 47.4
 170 26.2 21.3 31.9

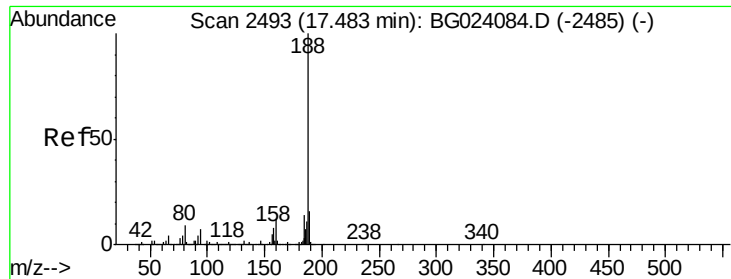


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time--> 13.20 13.30 13.40





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.00 min

Lab File: BG024179.D

Acq: 1 Oct 2016 3:51

Instrument :

BNA_G

ClientSampleId :

WC-NON-TSCA-09272016

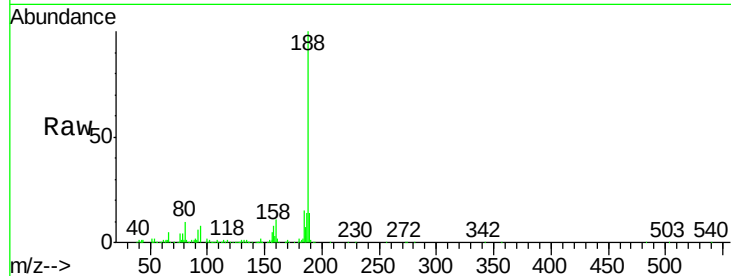
Tot Ion:188 Resp: 339734

Ion Ratio Lower Upper

188 100

94 7.7 5.2 7.8

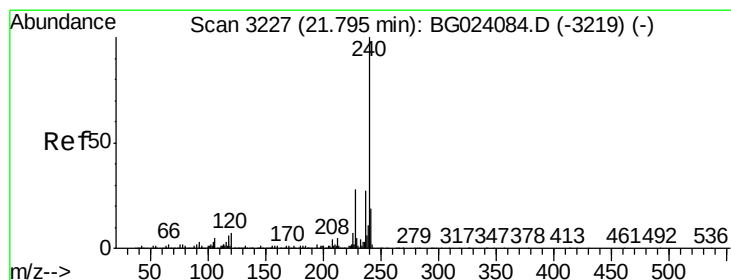
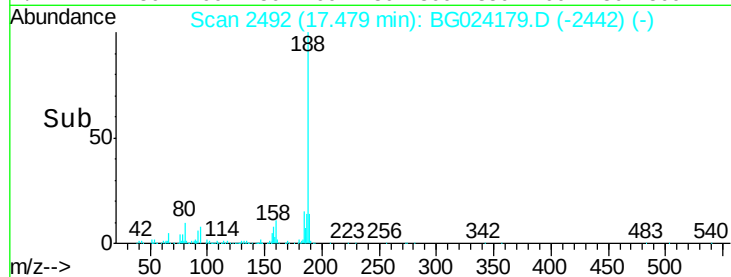
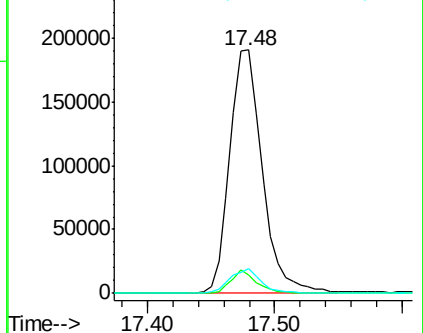
80 10.2 7.2 10.8



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# 3224

Delta R.T. -0.02 min

Lab File: BG024179.D

Acq: 1 Oct 2016 3:51

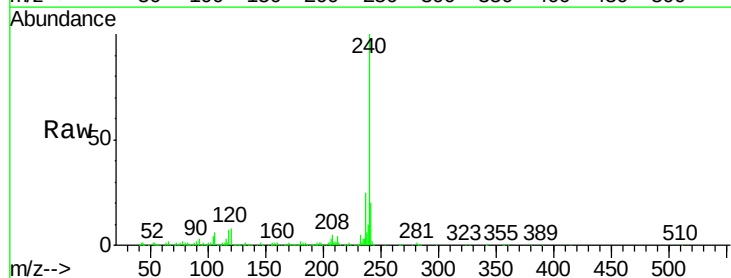
Tgt Ion:240 Resp: 412496

Ion Ratio Lower Upper

240 100

120 8.0 4.1 6.1#

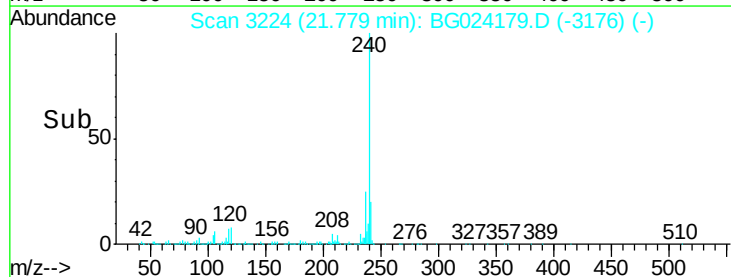
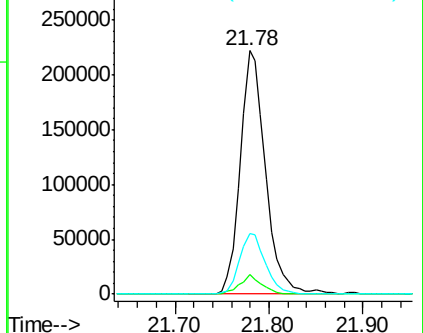
236 24.7 21.1 31.7

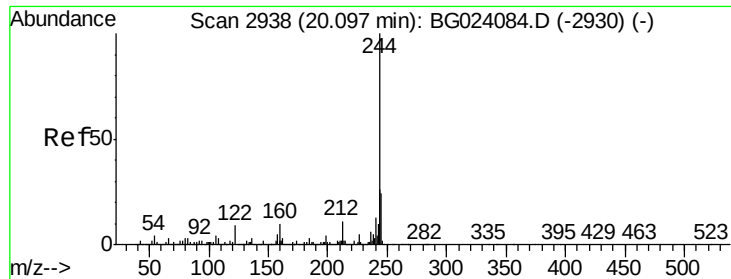


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.75 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.02 min

Lab File: BG024179.D

Acq: 1 Oct 2016 3:51

Instrument :

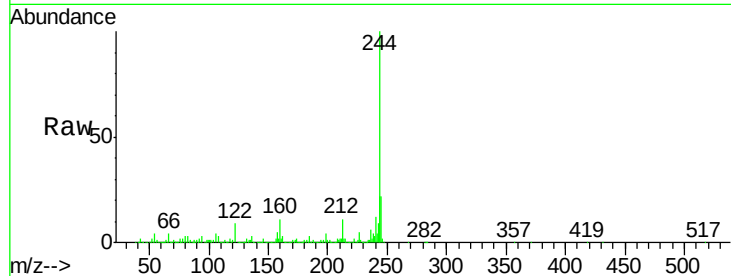
BNA_G

ClientSampleId :

WC-NON-TSCA-09272016

Tot Ion:244 Resp: 1586496

Ion	Ratio	Lower	Upper
244	100		
212	10.7	10.8	16.2#
122	9.5	8.0	12.0

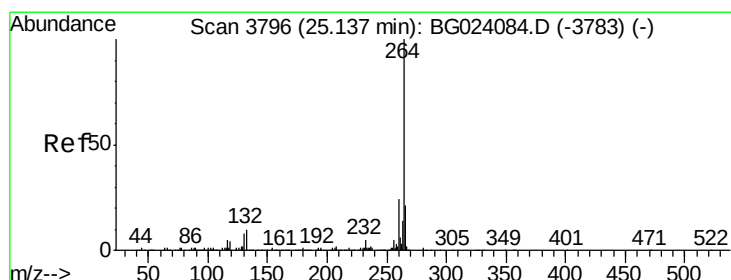
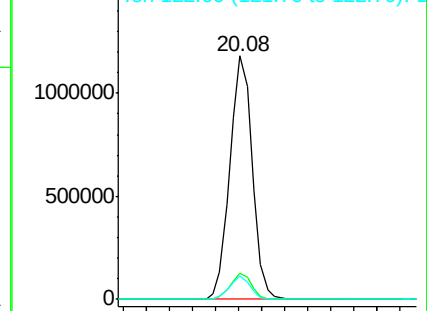
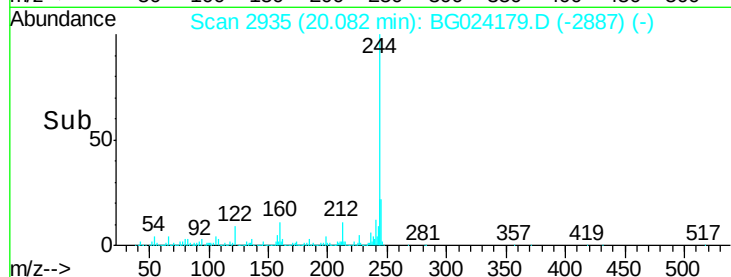


Abundance

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: 25.12 min Scan# 3792

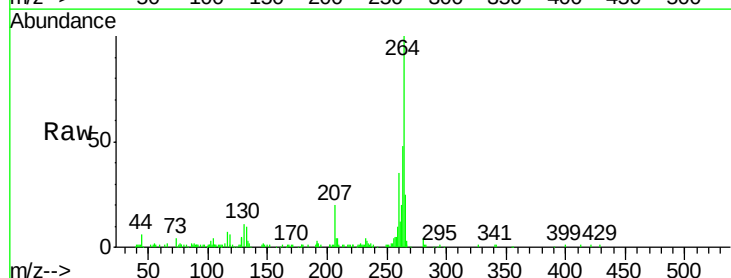
Delta R.T. -0.02 min

Lab File: BG024179.D

Acq: 1 Oct 2016 3:51

Tgt Ion:264 Resp: 140929

Ion	Ratio	Lower	Upper
264	100		
260	35.1	18.4	27.6#
265	25.1	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

