

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071916\
 Data File : BG023182.D
 Acq On : 19 Jul 2016 18:53
 Operator : UM/SJ
 Sample : H4083-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-61-071416

Quant Time: Jul 20 01:11:52 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:46:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	103776	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	476199	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	369524	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	861017	20.00	ng	0.00
75) Chrysene-d12	21.87	240	887073	20.00	ng	-0.01
86) Perylene-d12	25.26	264	800279	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	807372	127.24	ng	0.00
7) Phenol-d6	7.30	99	1221586	122.92	ng	0.00
23) Nitrobenzene-d5	9.31	82	1018512	91.58	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	637267	95.96	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	2013446	85.83	ng	0.00
78) Terphenyl-d14	20.16	244	2823865	116.31	ng	0.00

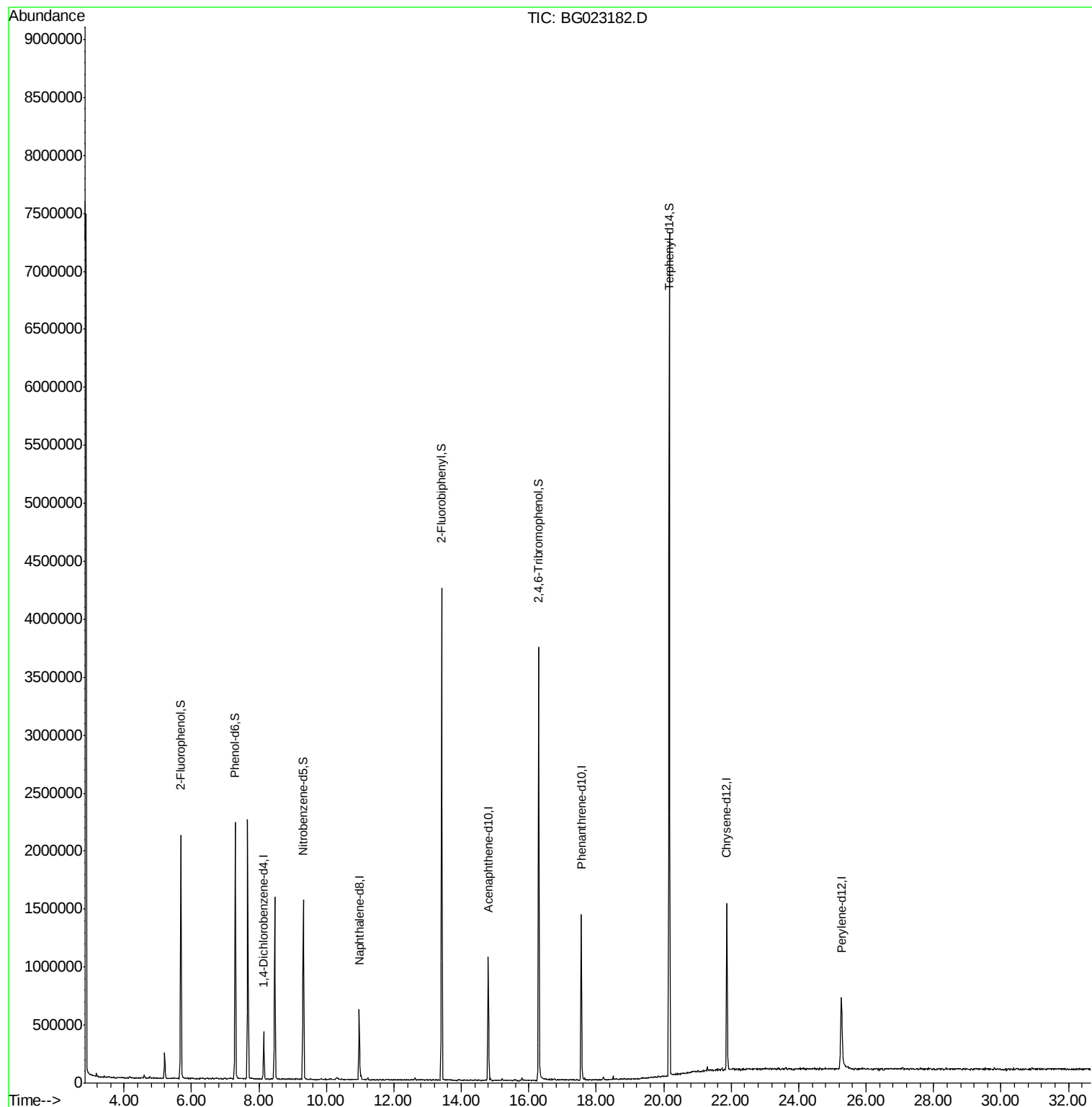
Target Compounds Qvalue

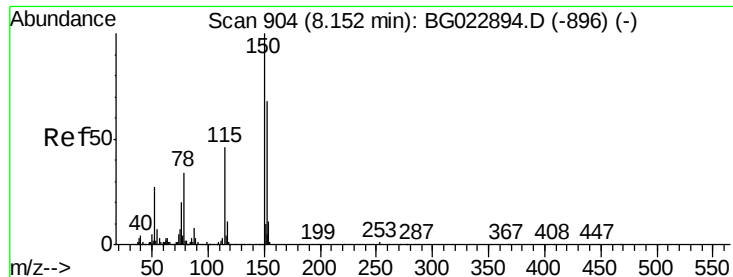
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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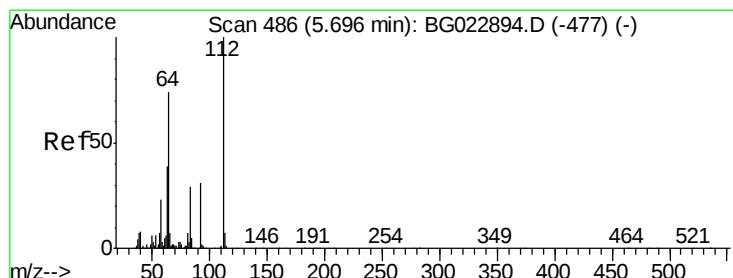
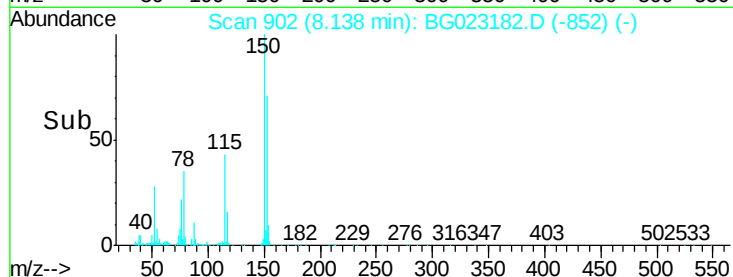
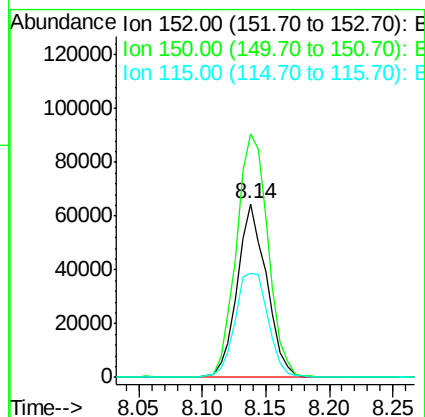
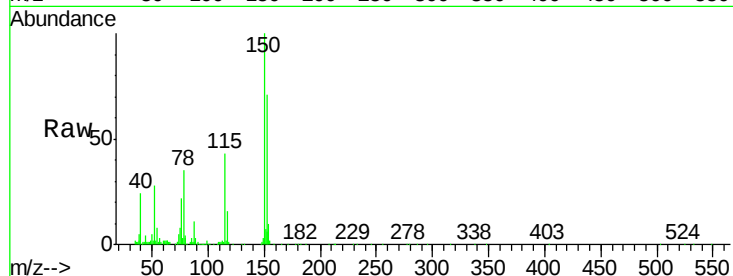


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG023182.D
Acq: 19 Jul 2016 18:53

Instrument :
BNA_G
ClientSampleId :
HSR-WC-61-071416

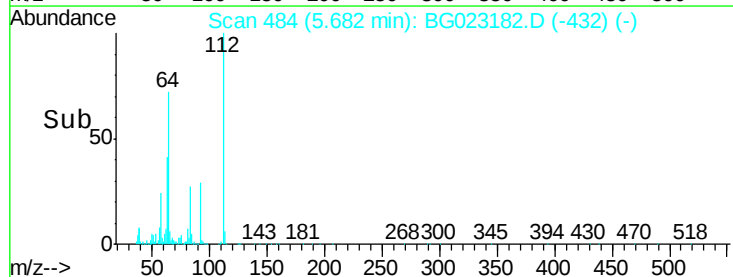
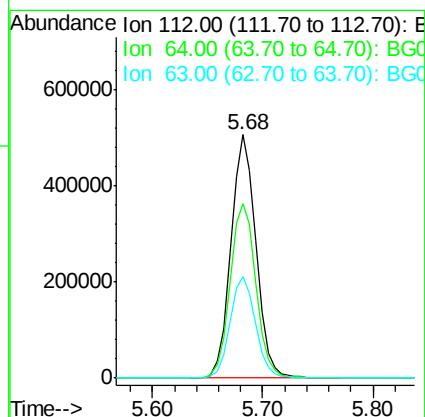
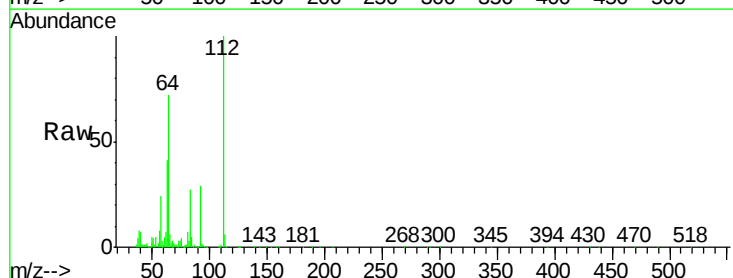
Tot Ion:152 Resp: 103776
Ion Ratio Lower Upper
152 100
150 140.4 144.7 217.1#
115 60.2 64.0 96.0#

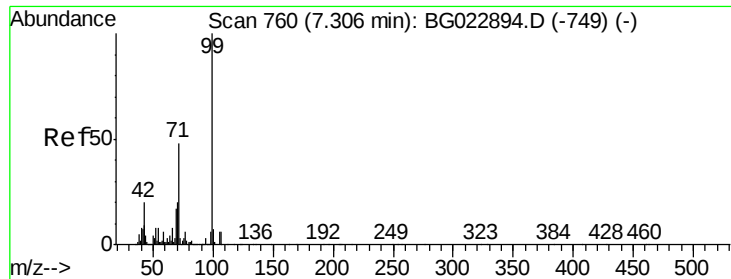


#5

2-Fluorophenol
Concen: 127.24 ng
RT: 5.68 min Scan# 484
Delta R.T. 0.01 min
Lab File: BG023182.D
Acq: 19 Jul 2016 18:53

Tgt Ion:112 Resp: 807372
Ion Ratio Lower Upper
112 100
64 71.7 59.0 88.4
63 41.5 37.8 56.8





#7

Phenol-d6

Concen: 122.92 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG023182.D

Acq: 19 Jul 2016 18:53

Instrument :

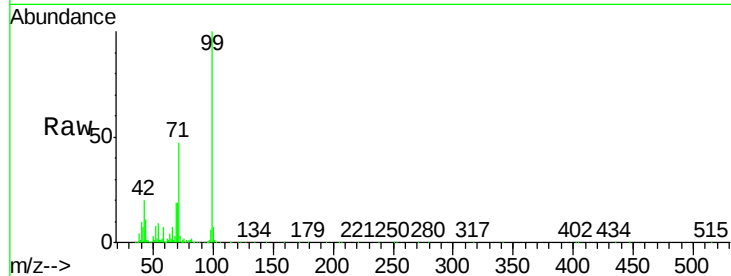
BNA_G

ClientSampleId :

HSR-WC-61-071416

Tot Ion: 99 Resp: 1221586

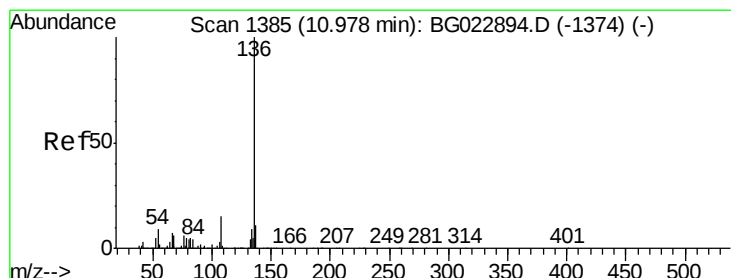
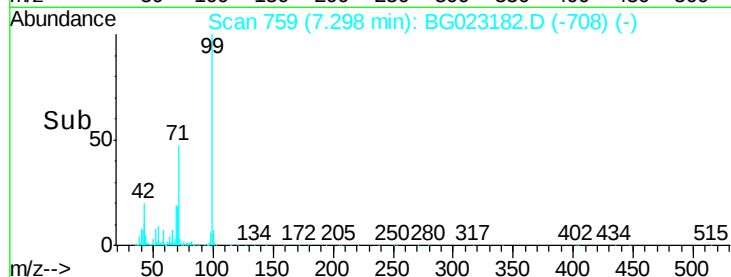
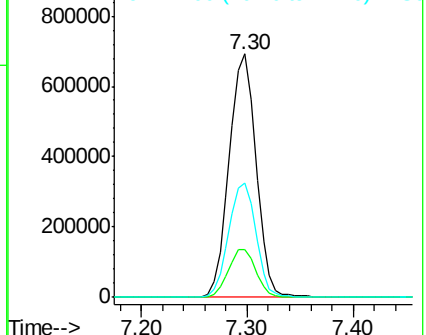
Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.8	26.6
71	46.7	41.5	62.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1384

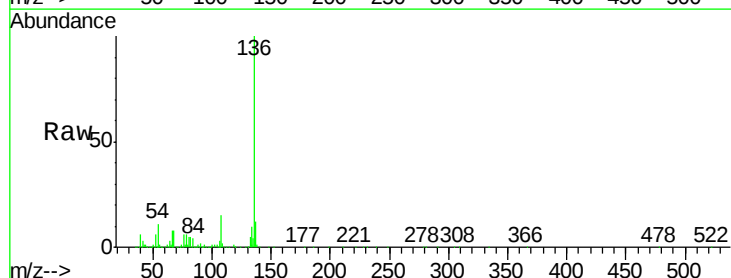
Delta R.T. -0.01 min

Lab File: BG023182.D

Acq: 19 Jul 2016 18:53

Tgt Ion: 136 Resp: 476199

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	10.6	7.3	10.9
68	7.5	5.3	7.9

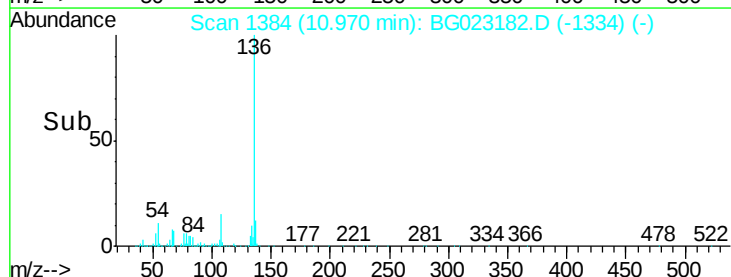
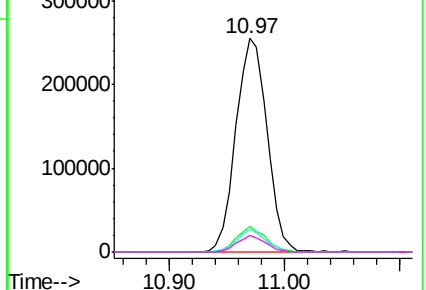


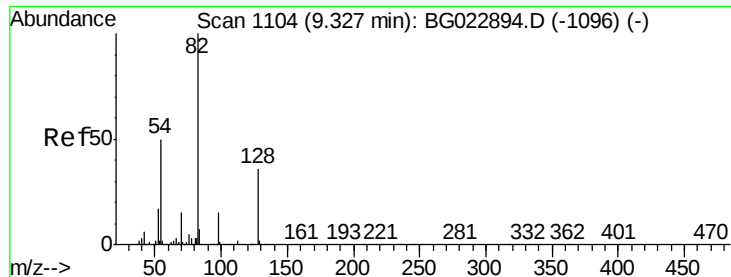
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

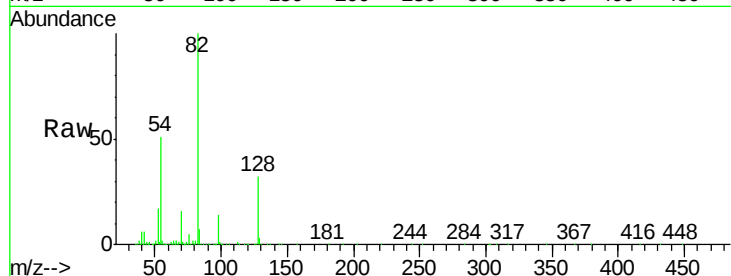




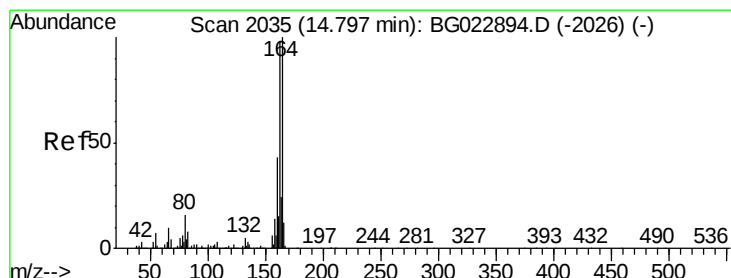
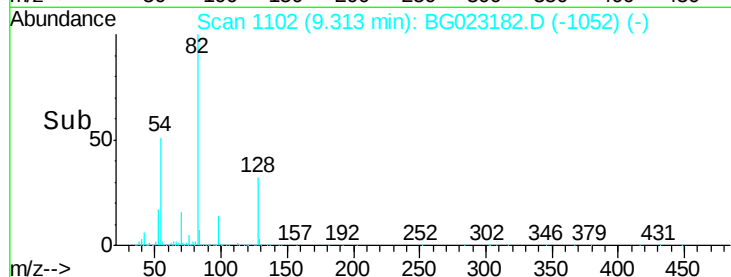
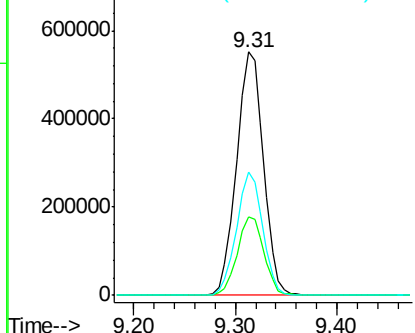
#23
Nitrobenzene-d5
Concen: 91.58 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG023182.D
Acq: 19 Jul 2016 18:53

Instrument :
BNA_G
ClientSampleId :
HSR-WC-61-071416

Tot Ion: 82 Resp: 1018512
Ion Ratio Lower Upper
82 100
128 32.0 24.4 36.6
54 50.8 41.4 62.0

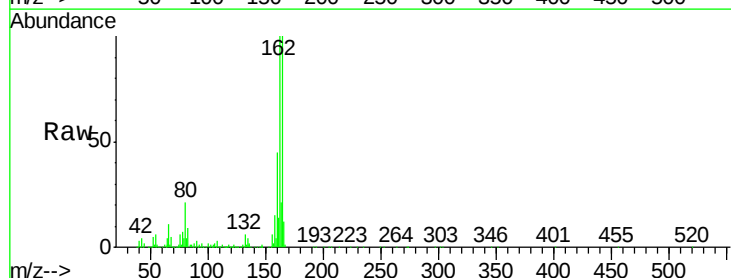


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

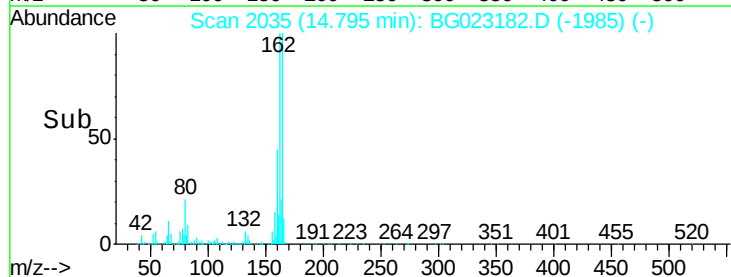
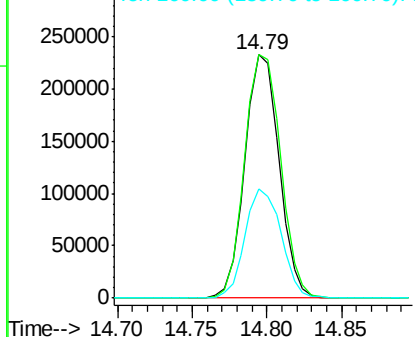


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG023182.D
Acq: 19 Jul 2016 18:53

Tgt Ion: 164 Resp: 369524
Ion Ratio Lower Upper
164 100
162 100.0 87.7 131.5
160 44.6 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 95.96 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BG023182.D

Acq: 19 Jul 2016 18:53

Instrument :

BNA_G

ClientSampleId :

HSR-WC-61-071416

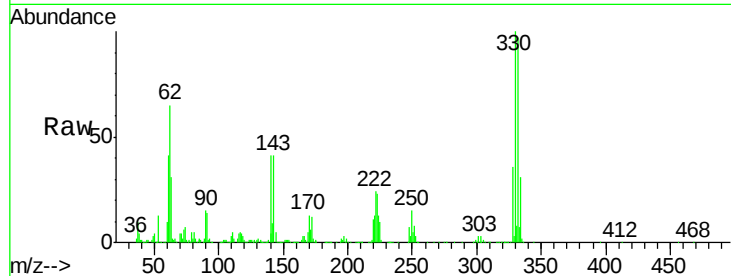
Tot Ion:330 Resp: 637267

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

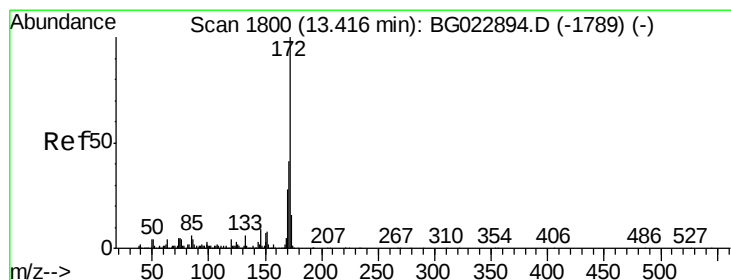
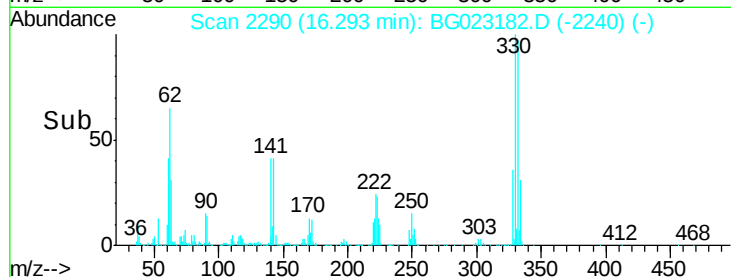
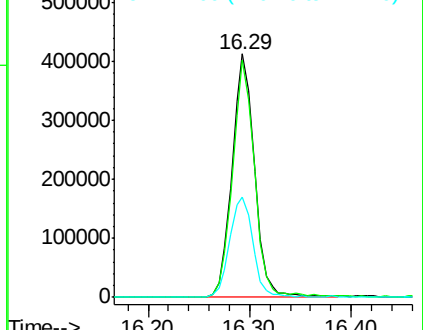
141 42.9 31.7 47.5



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: 85.83 ng

RT: 13.41 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BG023182.D

Acq: 19 Jul 2016 18:53

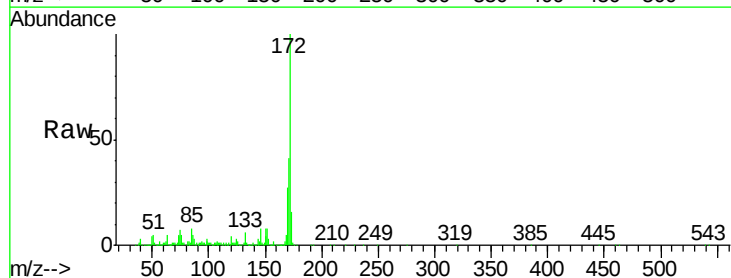
Tgt Ion:172 Resp: 2013446

Ion Ratio Lower Upper

172 100

171 41.1 31.6 47.4

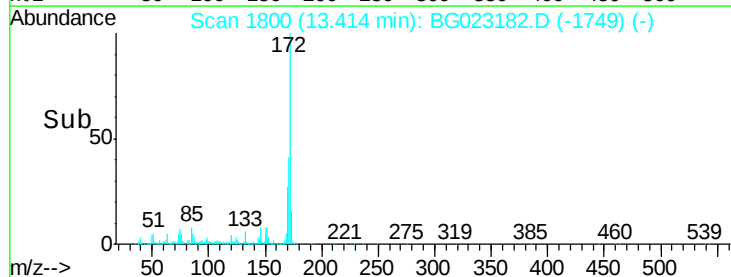
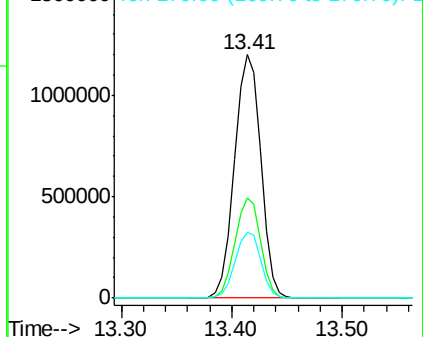
170 27.2 21.3 31.9

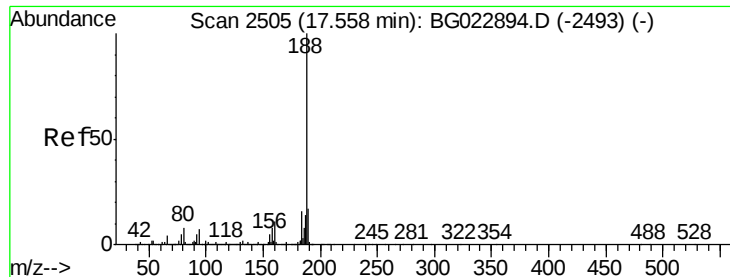


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

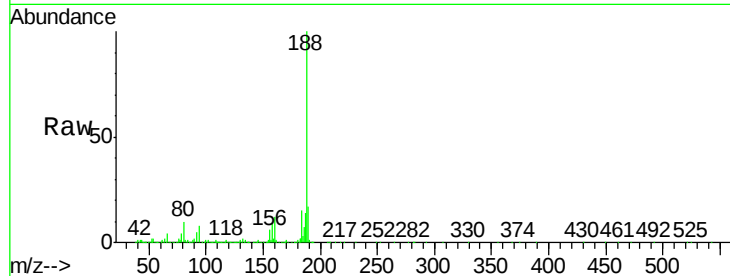




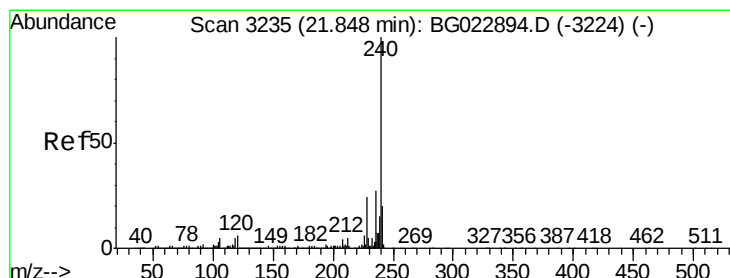
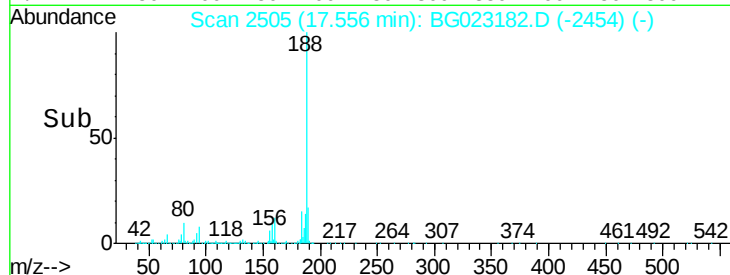
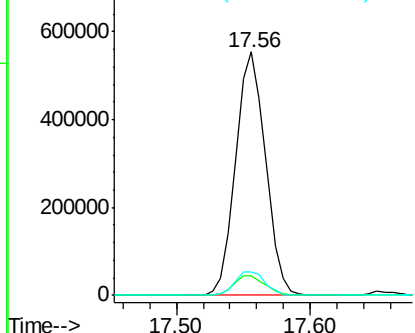
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG023182.D
Acq: 19 Jul 2016 18:53

Instrument :
BNA_G
ClientSampleId :
HSR-WC-61-071416

Tot Ion:188 Resp: 861017
Ion Ratio Lower Upper
188 100
94 8.0 5.2 7.8#
80 9.6 7.2 10.8

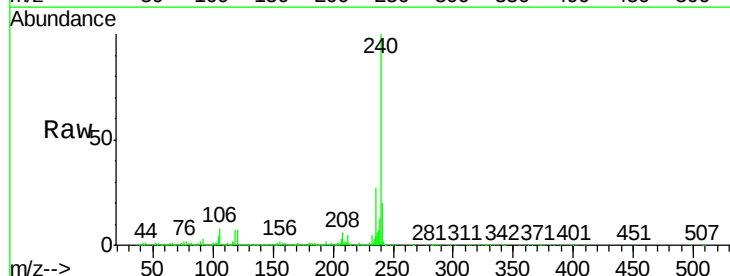


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

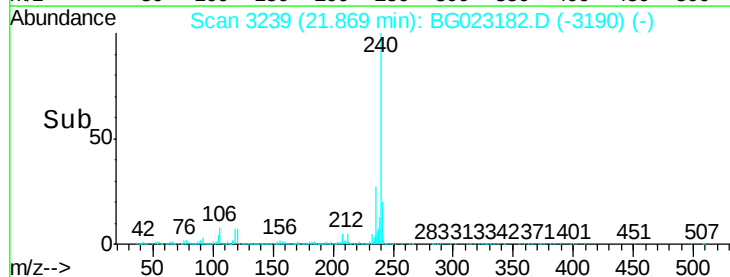
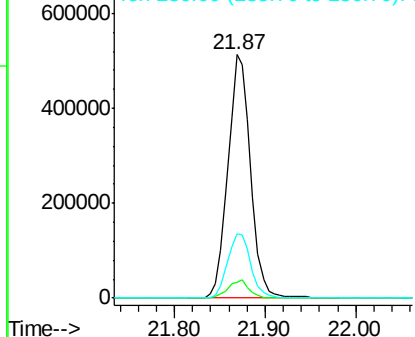


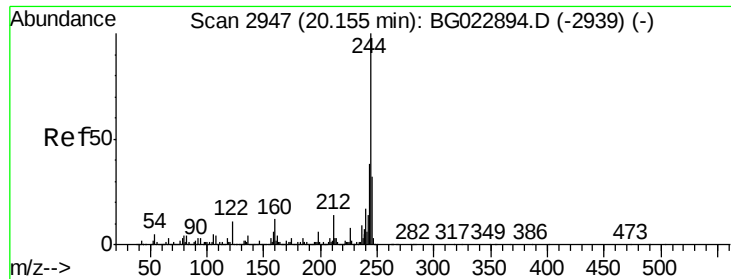
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BG023182.D
Acq: 19 Jul 2016 18:53

Tgt Ion:240 Resp: 887073
Ion Ratio Lower Upper
240 100
120 6.6 4.1 6.1#
236 26.7 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: 116.31 ng

RT: 20.16 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BG023182.D

Acq: 19 Jul 2016 18:53

Instrument :

BNA_G

ClientSampleId :

HSR-WC-61-071416

Tot Ion:244 Resp: 2823865

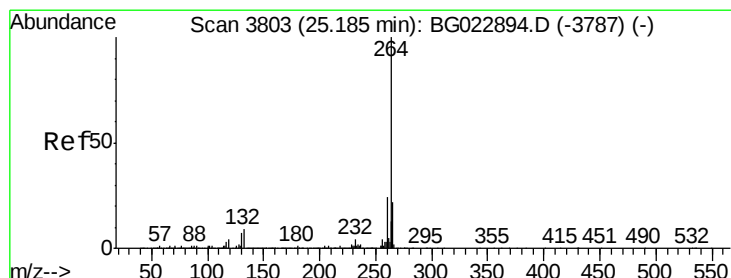
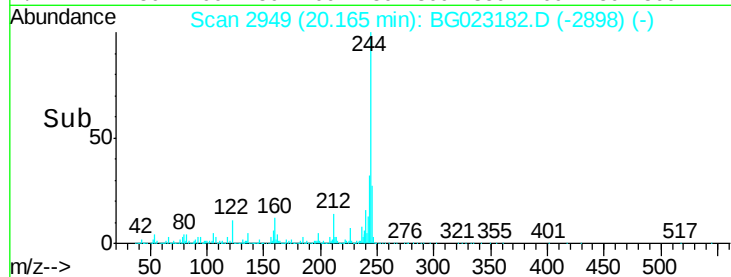
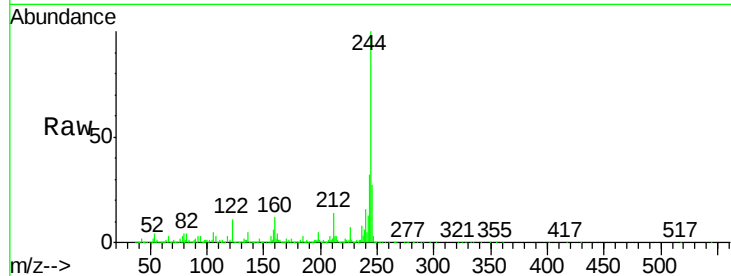
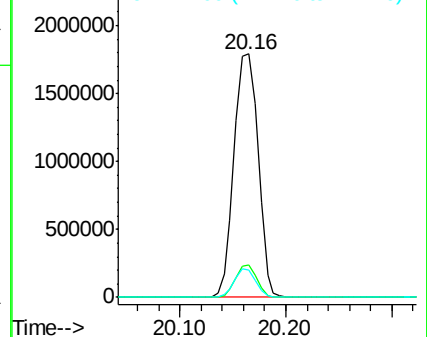
Ion	Ratio	Lower	Upper
244	100		
212	13.5	10.8	16.2
122	11.4	8.0	12.0

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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3817

Delta R.T. -0.01 min

Lab File: BG023182.D

Acq: 19 Jul 2016 18:53

Tgt Ion:264 Resp: 800279

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	20.5	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

