

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
 Data File : BG019134.D
 Acq On : 11 Oct 2015 1:40
 Operator : UM/NP
 Sample : G3929-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-04

Quant Time: Oct 12 07:30:05 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 07:23:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	16527	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	71470	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	50324	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	130529	20.00	ng	0.00
75) Chrysene-d12	21.67	240	157455	20.00	ng	0.00
86) Perylene-d12	24.90	264	150921	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	54256	66.84	ng	0.00
7) Phenol-d6	7.19	99	52280	41.93	ng	0.00
23) Nitrobenzene-d5	9.19	82	147664	114.16	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	116592	170.02	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	377425	115.32	ng	0.00
78) Terphenyl-d14	20.02	244	609966	102.33	ng	0.00

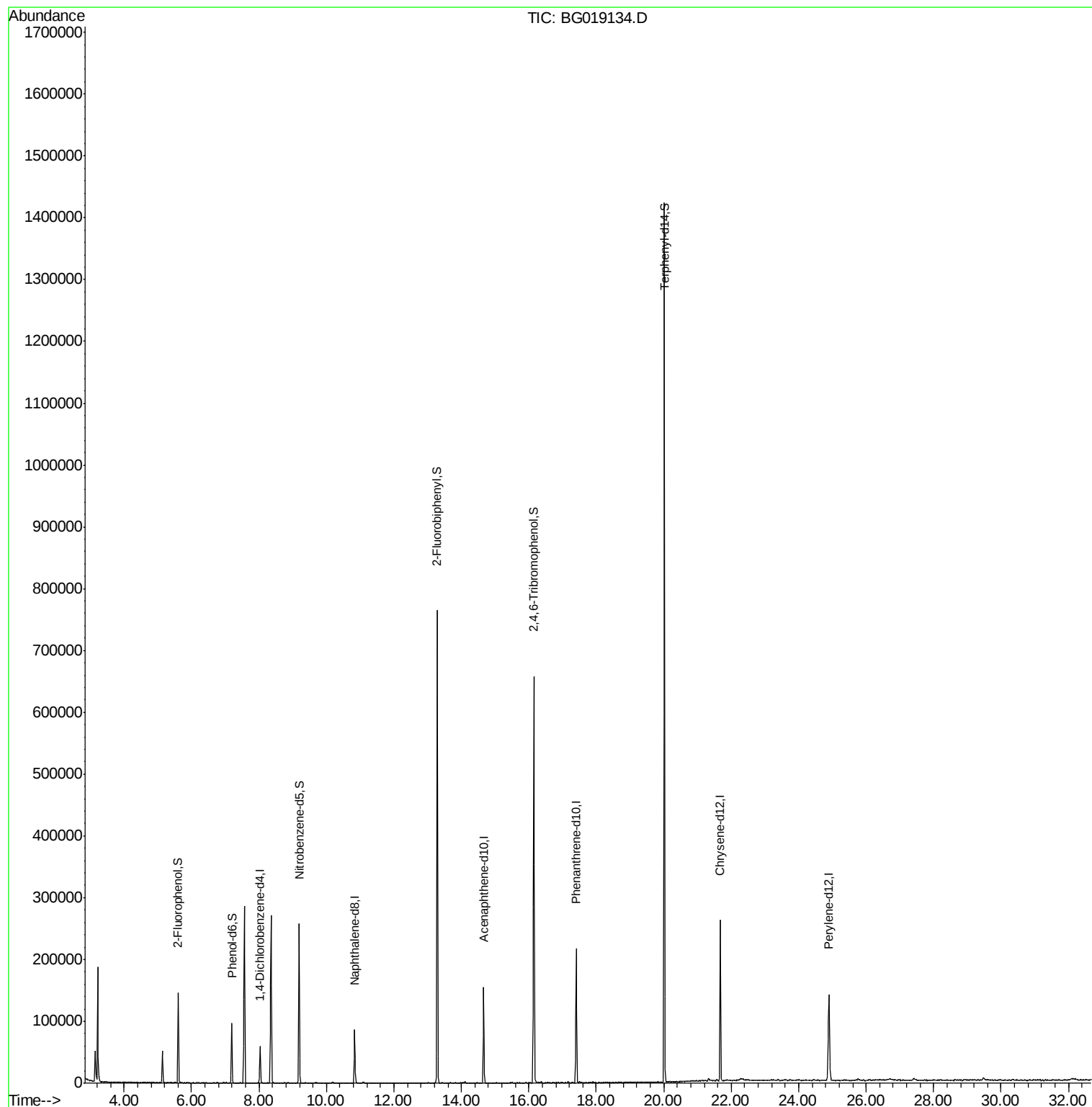
Target Compounds	Qvalue
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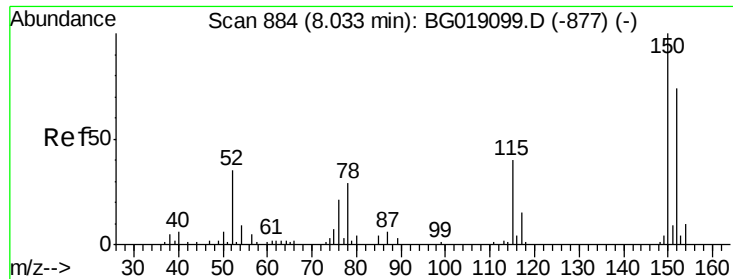
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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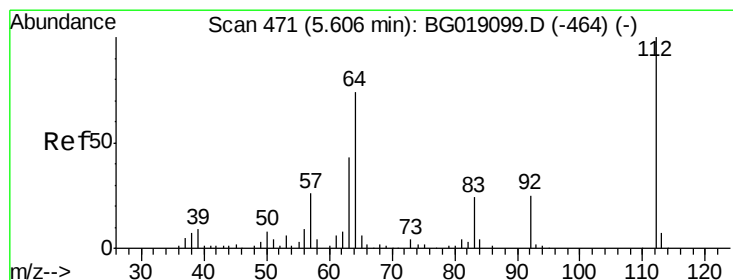
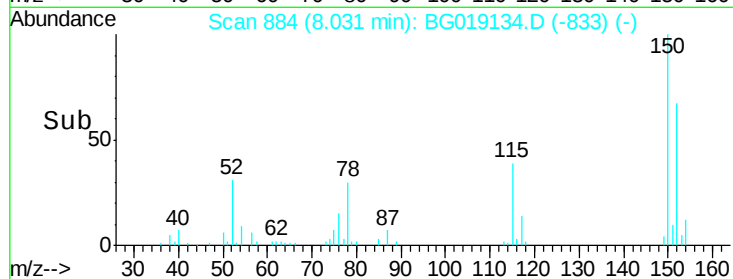
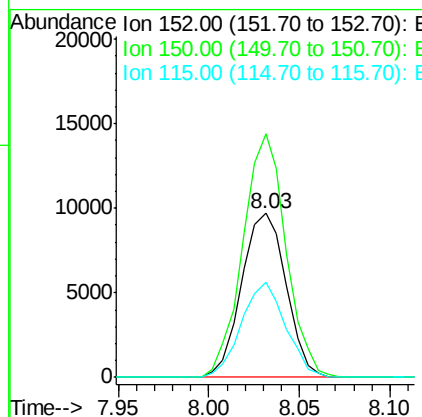
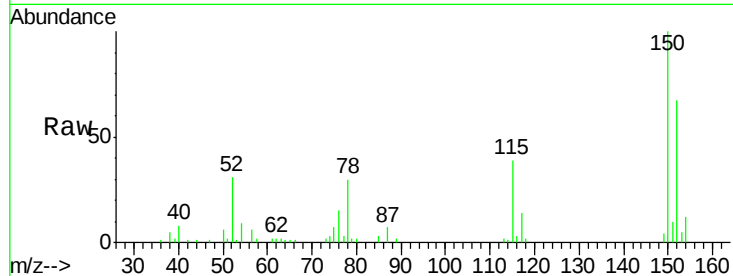




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.03 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BG019134.D
 Acq: 11 Oct 2015 1:40

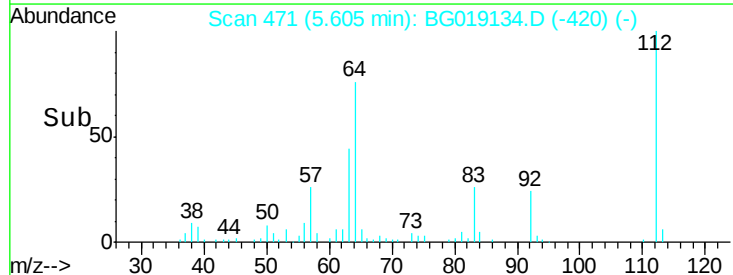
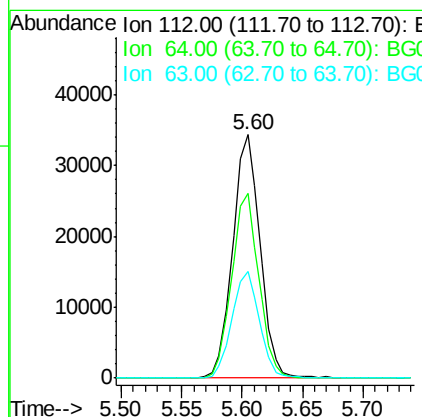
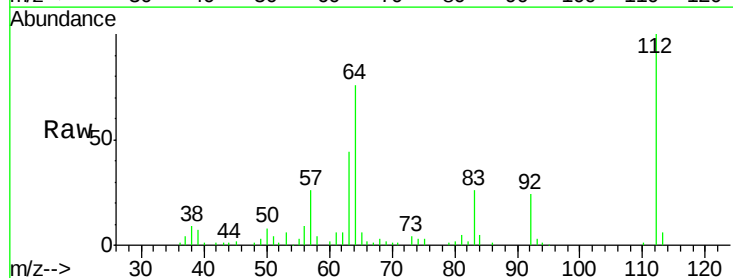
Instrument :
 BNA_G
 ClientSampleId :
 MW-04

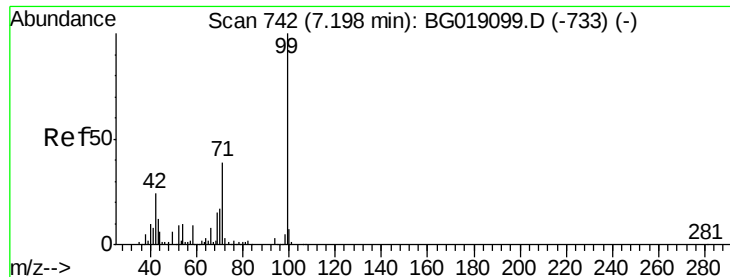
Tgt Ion:152 Resp: 16527
 Ion Ratio Lower Upper
 152 100
 150 148.7 108.2 162.2
 115 57.8 43.2 64.8



#5
 2-Fluorophenol
 Concen: 66.84 ng
 RT: 5.60 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BG019134.D
 Acq: 11 Oct 2015 1:40

Tgt Ion:112 Resp: 54256
 Ion Ratio Lower Upper
 112 100
 64 75.7 59.0 88.4
 63 43.9 34.7 52.1





#7

Phenol-d6

Concen: 41.93 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG019134.D

Acq: 11 Oct 2015 1:40

Instrument :

BNA_G

ClientSampleId :

MW-04

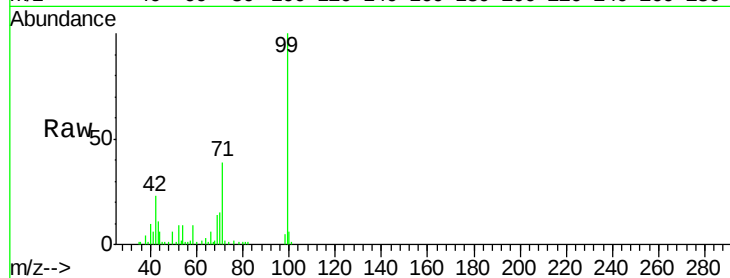
Tgt Ion: 99 Resp: 52280

Ion Ratio Lower Upper

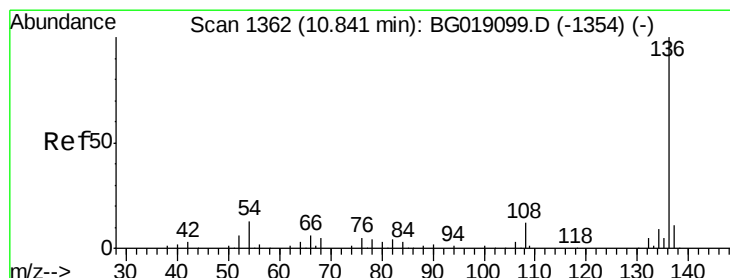
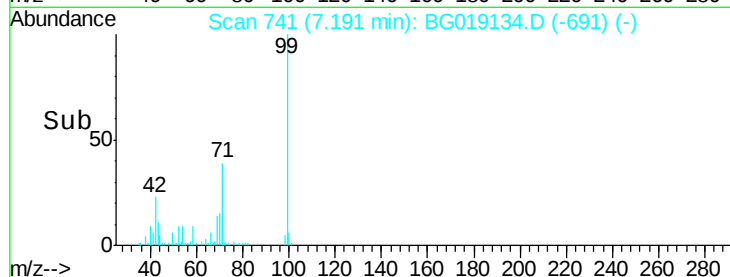
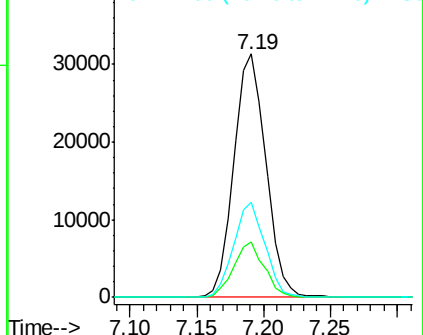
99 100

42 22.6 19.5 29.3

71 38.9 31.4 47.0



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: 10.83 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BG019134.D

Acq: 11 Oct 2015 1:40

Tgt Ion: 136 Resp: 71470

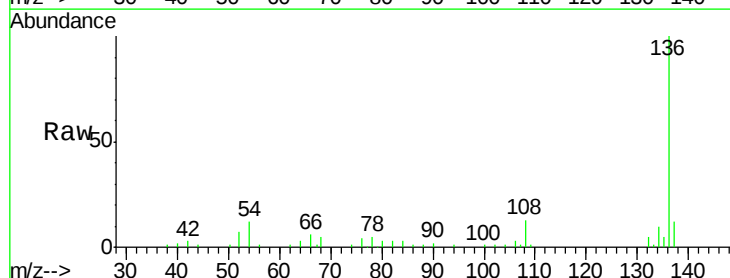
Ion Ratio Lower Upper

136 100

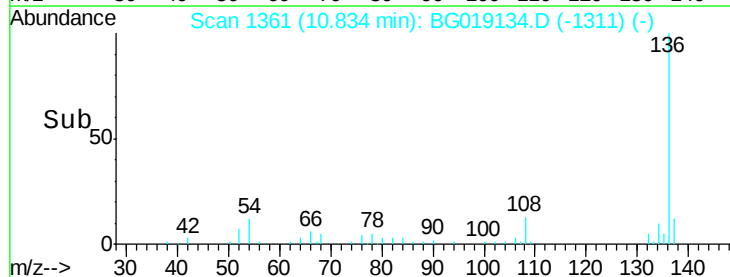
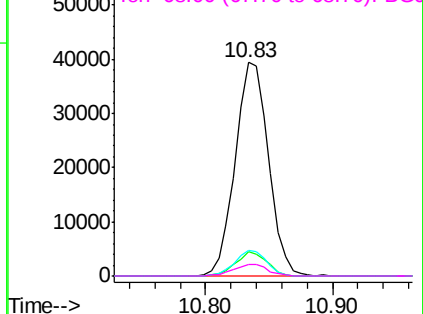
137 11.7 9.0 13.4

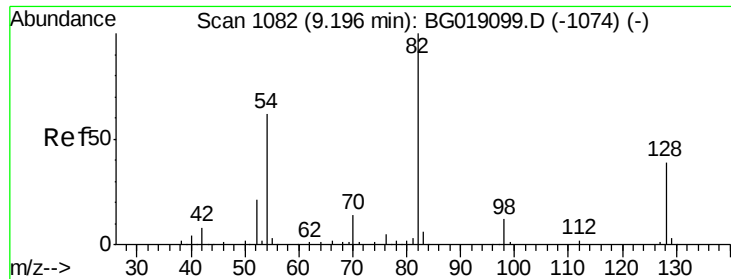
54 12.2 10.1 15.1

68 5.4 4.4 6.6



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

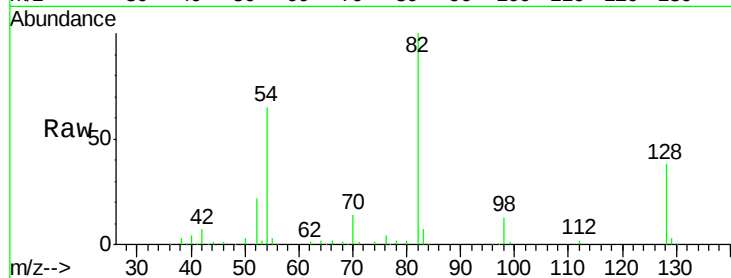




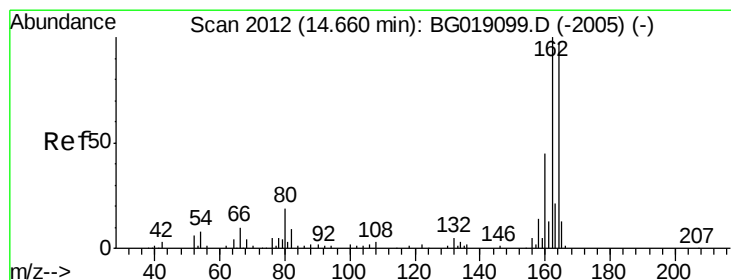
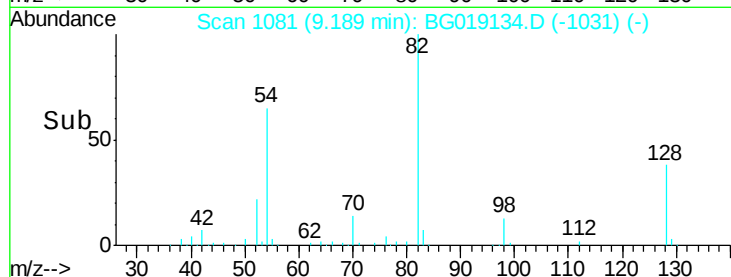
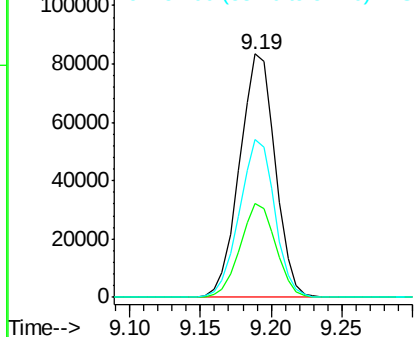
#23
 Nitrobenzene-d5
 Concen: 114.16 ng
 RT: 9.19 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BG019134.D
 Acq: 11 Oct 2015 1:40

Instrument :
 BNA_G
 ClientSampleId :
 MW-04

Tgt Ion: 82 Resp: 147664
 Ion Ratio Lower Upper
 82 100
 128 38.5 31.4 47.2
 54 64.8 50.0 75.0

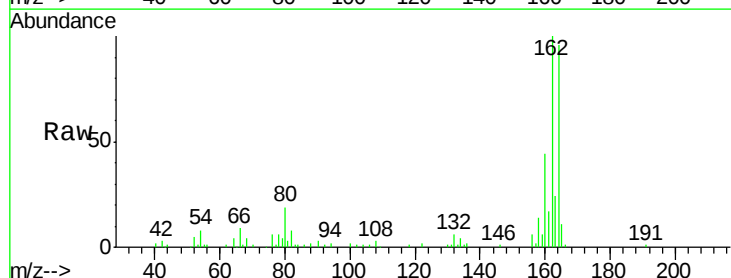


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

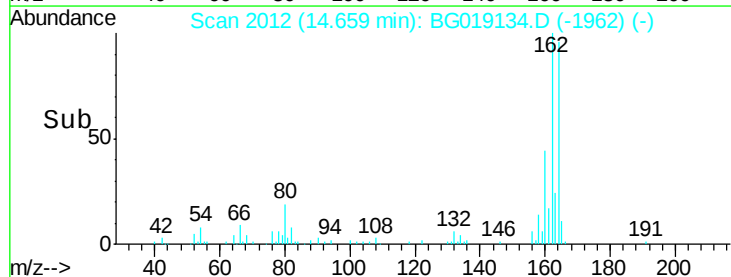
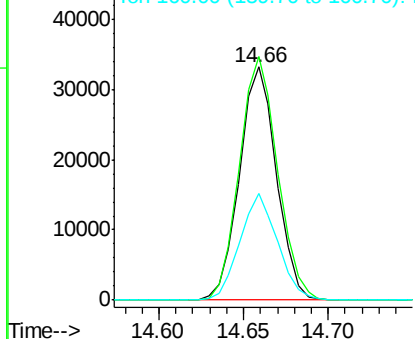


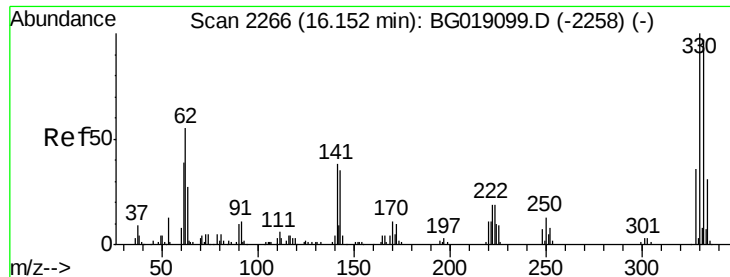
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BG019134.D
 Acq: 11 Oct 2015 1:40

Tgt Ion: 164 Resp: 50324
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.6 124.0
 160 45.8 36.9 55.3



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

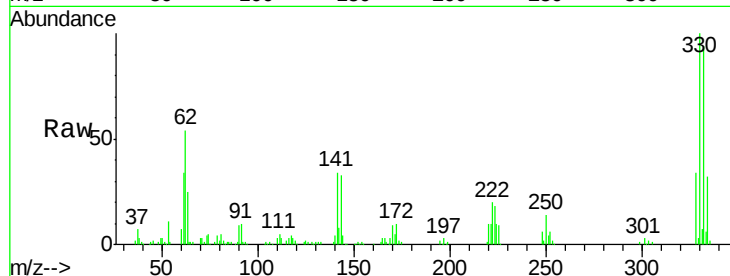




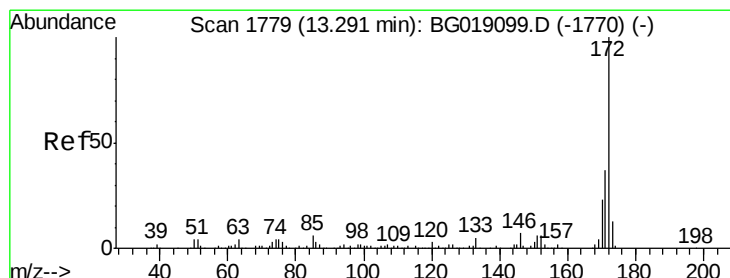
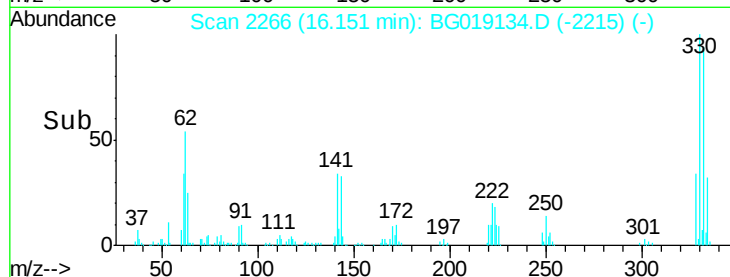
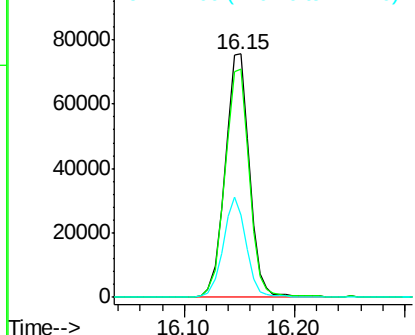
#41
 2,4,6-Tribromophenol
 Concen: 170.02 ng
 RT: 16.15 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: BG019134.D
 Acq: 11 Oct 2015 1:40

Instrument :
 BNA_G
 ClientSampleId :
 MW-04

Tgt Ion: 330 Resp: 116592
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.3 115.9
 141 38.9 30.7 46.1

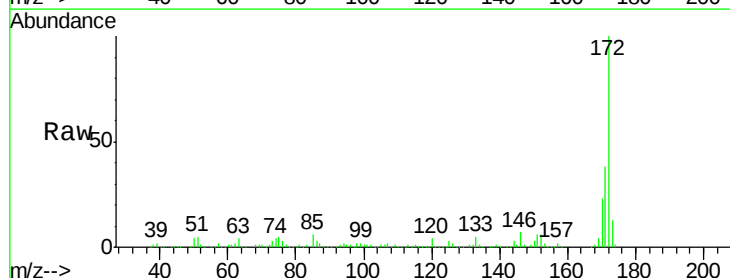


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

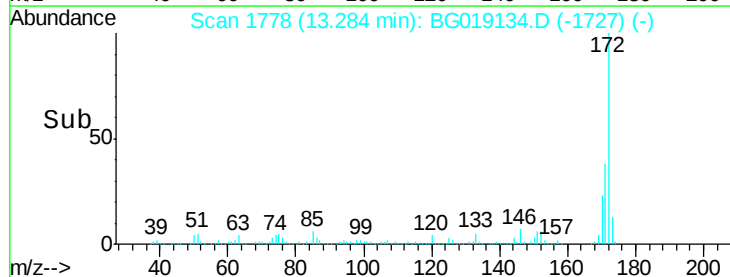
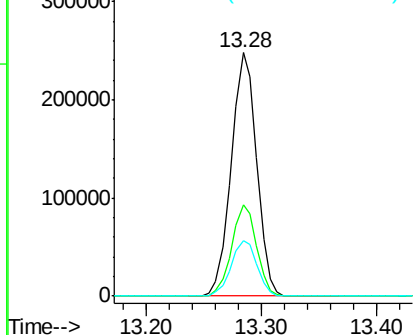


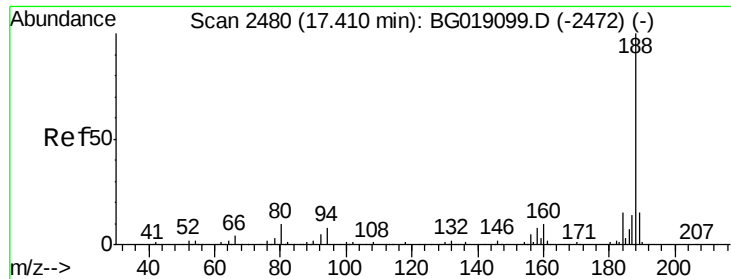
#44
 2-Fluorobiphenyl
 Concen: 115.32 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG019134.D
 Acq: 11 Oct 2015 1:40

Tgt Ion: 172 Resp: 377425
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.9 44.9
 170 22.8 18.6 27.8



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

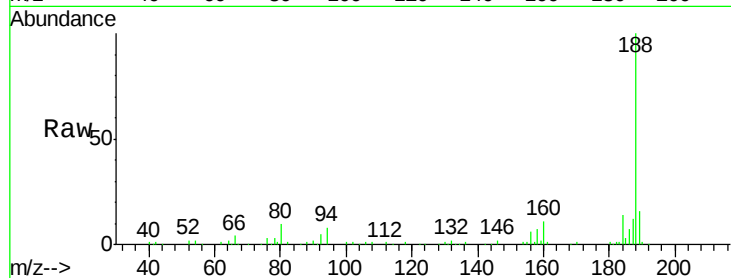




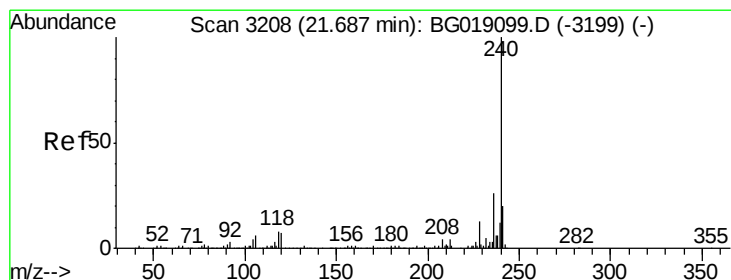
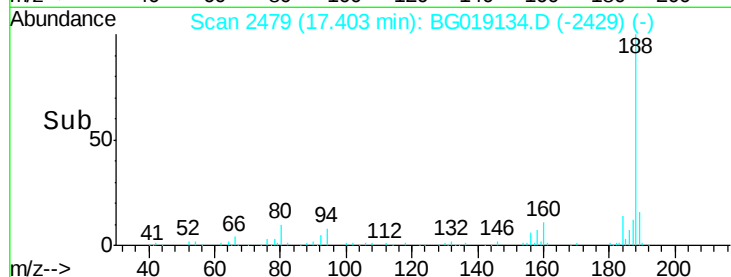
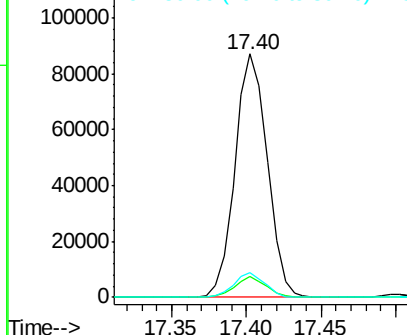
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BG019134.D
Acq: 11 Oct 2015 1:40

Instrument :
BNA_G
ClientSampleId :
MW-04

Tgt Ion:188 Resp: 130529
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 10.1 7.6 11.4

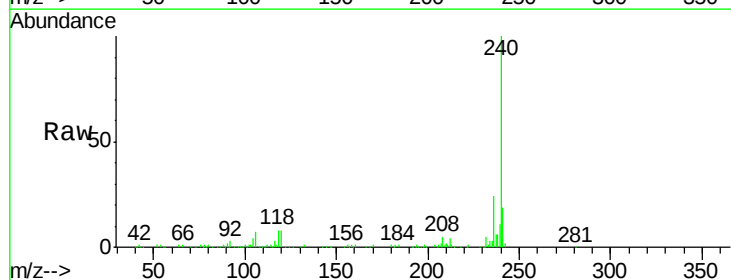


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

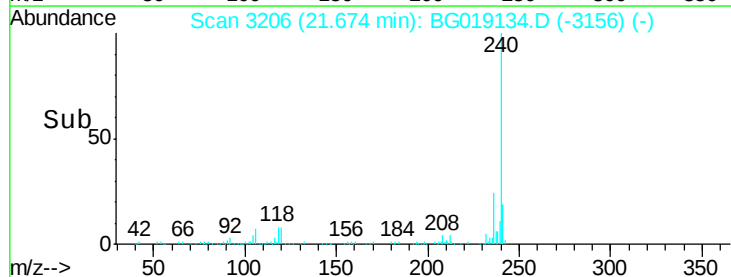
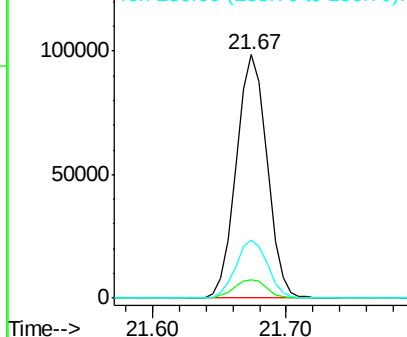


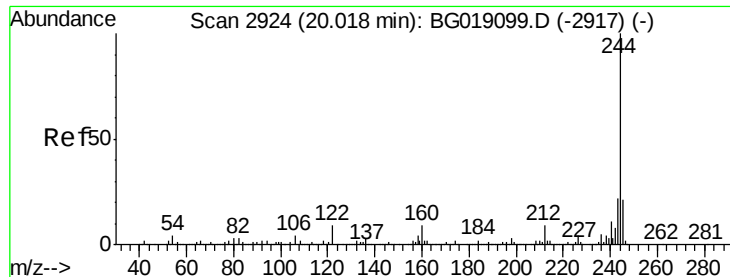
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.67 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BG019134.D
Acq: 11 Oct 2015 1:40

Tgt Ion:240 Resp: 157455
Ion Ratio Lower Upper
240 100
120 7.6 5.8 8.6
236 24.0 21.2 31.8



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

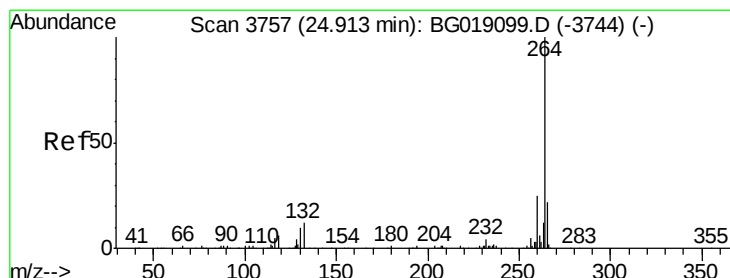
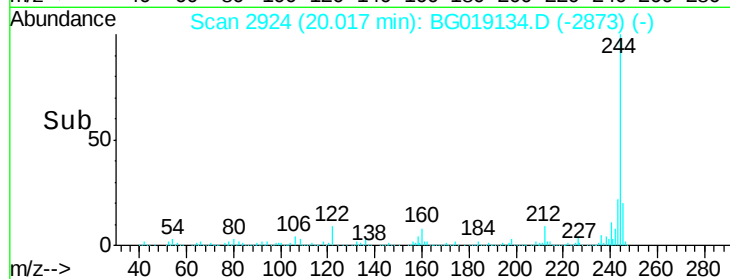
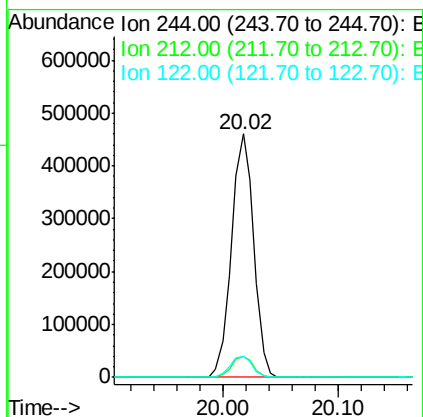
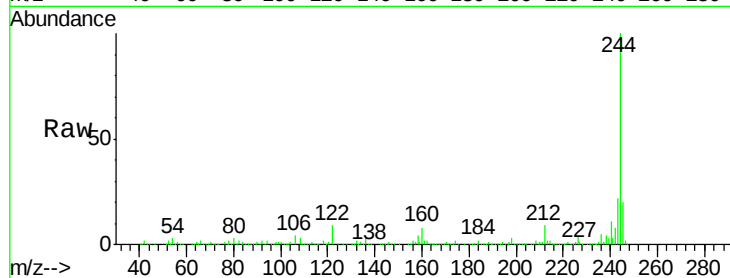




#78
 Terphenyl-d14
 Concen: 102.33 ng
 RT: 20.02 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: BG019134.D
 Acq: 11 Oct 2015 1:40

Instrument :
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.8	10.2
122	8.6	7.4	11.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.90 min Scan# 3755
 Delta R.T. -0.01 min
 Lab File: BG019134.D
 Acq: 11 Oct 2015 1:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.1	30.1
265	21.2	17.2	25.8

