

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071916\
 Data File : BG023173.D
 Acq On : 19 Jul 2016 12:46
 Operator : UM/SJ
 Sample : H4015-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-071116

Quant Time: Jul 19 15:48:27 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	107674	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	524186	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	406313	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	925638	20.00	ng	0.00
75) Chrysene-d12	21.88	240	915550	20.00	ng	0.00
86) Perylene-d12	25.27	264	848876	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	436919	66.37	ng	0.00
7) Phenol-d6	7.29	99	446444	43.30	ng	0.00
23) Nitrobenzene-d5	9.31	82	1140559	93.17	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	720312	98.64	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	2301988	89.24	ng	0.00
78) Terphenyl-d14	20.17	244	2874824	112.97	ng	0.00

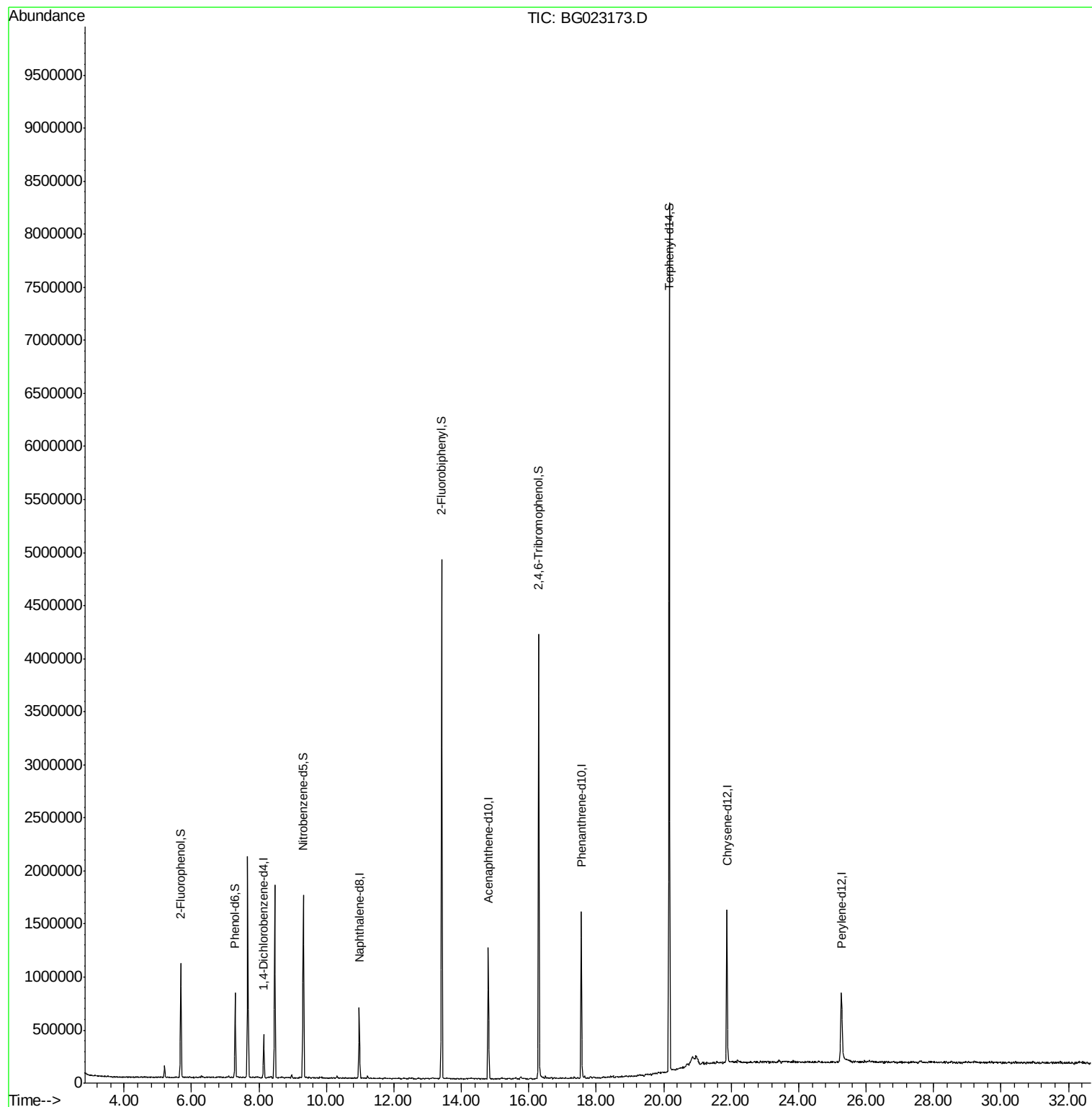
Target Compounds Qvalue

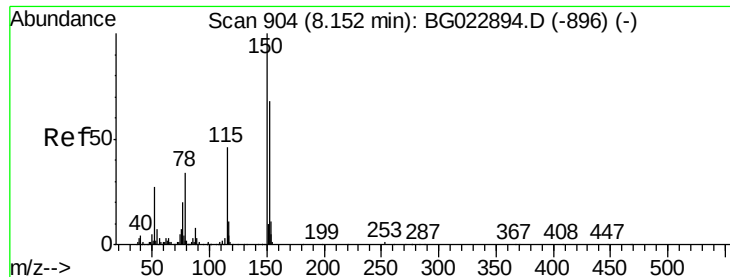
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 903

Delta R.T. 0.00 min

Lab File: BG023173.D

Acq: 19 Jul 2016 12:46

Instrument :

BNA_G

ClientSampleId :

FB-071116

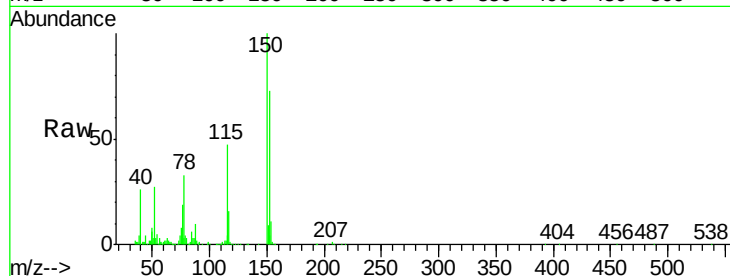
Tot Ion:152 Resp: 107674

Ion Ratio Lower Upper

152 100

150 136.2 144.7 217.1#

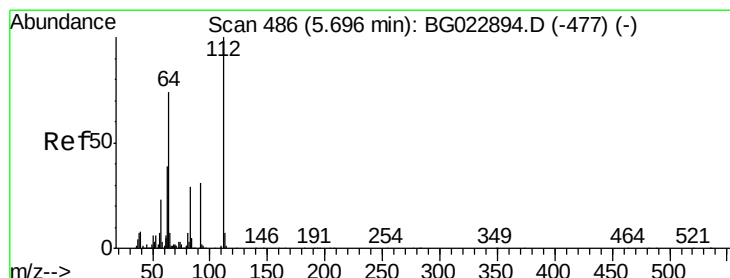
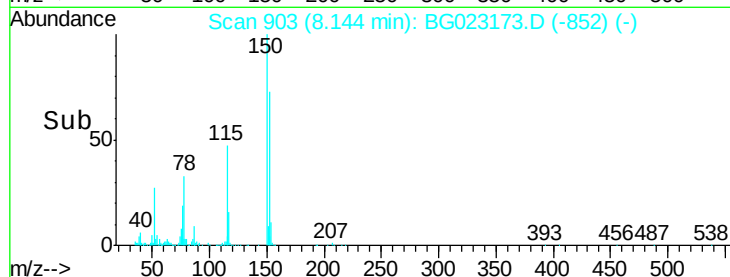
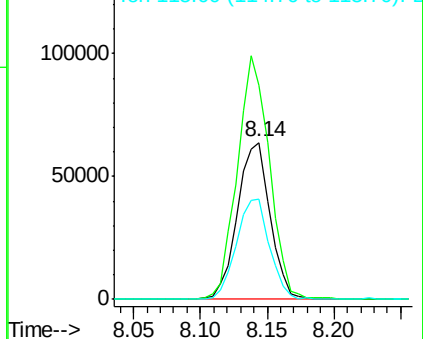
115 64.0 64.0 96.0



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: 66.37 ng

RT: 5.68 min Scan# 484

Delta R.T. 0.01 min

Lab File: BG023173.D

Acq: 19 Jul 2016 12:46

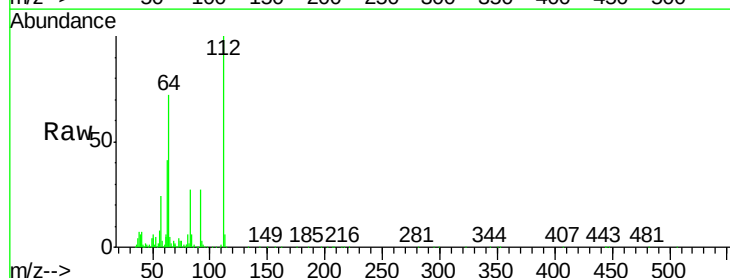
Tgt Ion:112 Resp: 436919

Ion Ratio Lower Upper

112 100

64 72.4 59.0 88.4

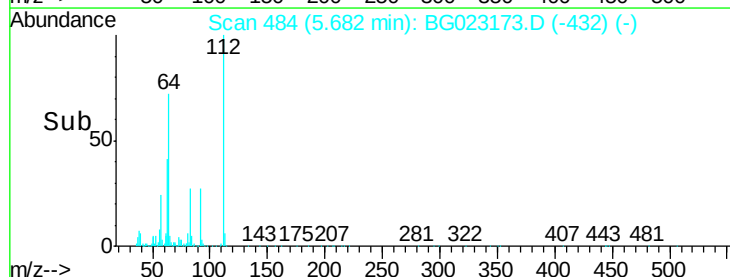
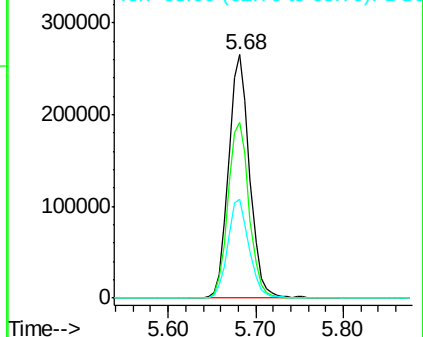
63 40.8 37.8 56.8

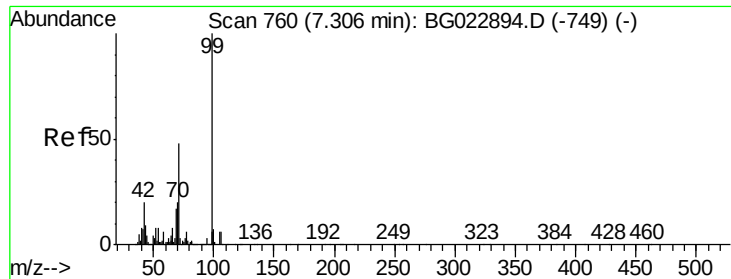


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 43.30 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG023173.D

Acq: 19 Jul 2016 12:46

Instrument :

BNA_G

ClientSampleId :

FB-071116

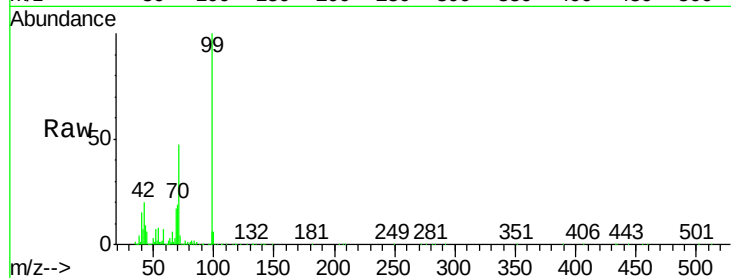
Tot Ion: 99 Resp: 446444

Ion Ratio Lower Upper

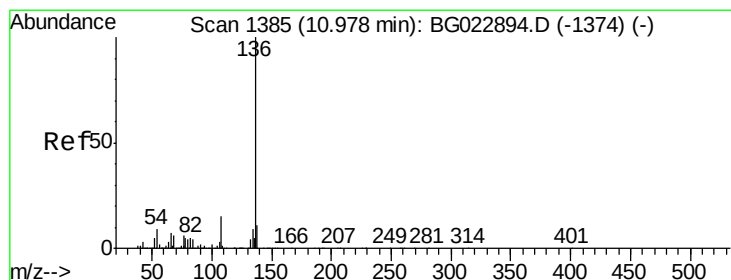
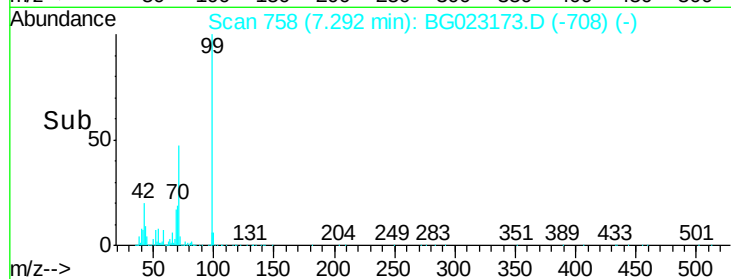
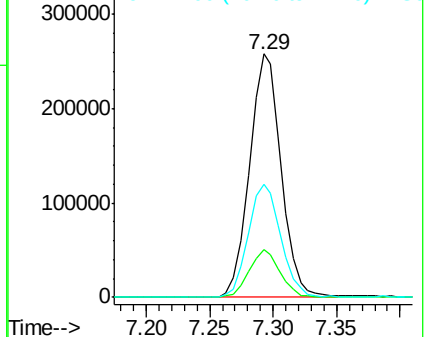
99 100

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: BG023173.D

Acq: 19 Jul 2016 12:46

Tgt Ion: 136 Resp: 524186

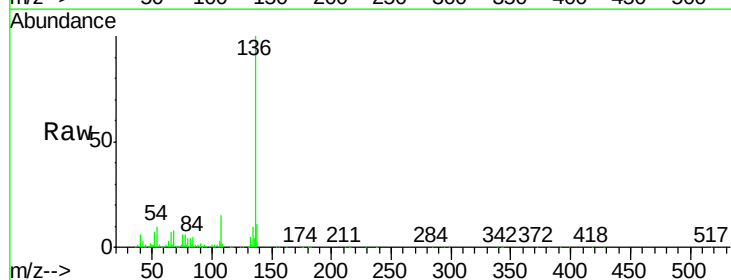
Ion Ratio Lower Upper

136 100

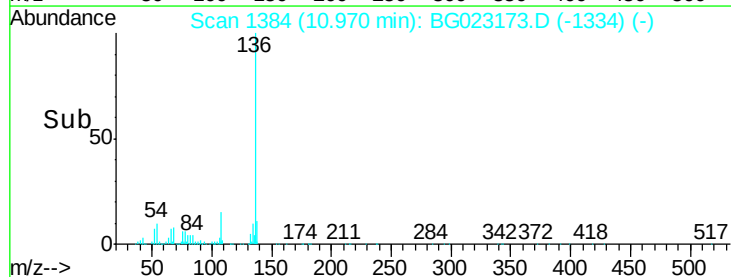
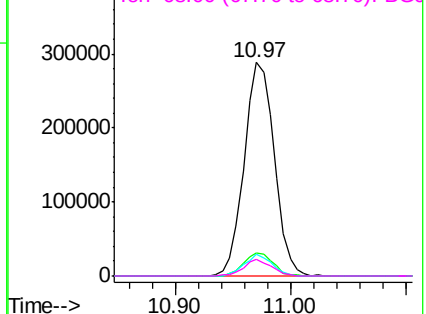
137 10.7 9.6 14.4

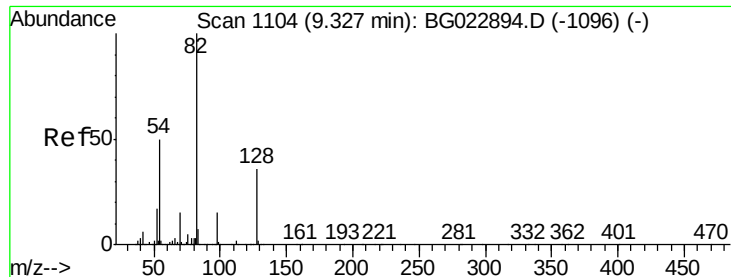
54 10.2 7.3 10.9

68 7.7 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

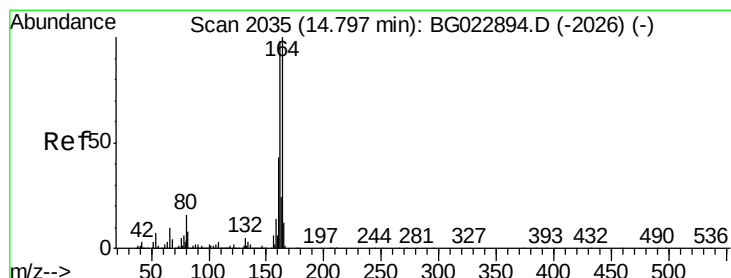
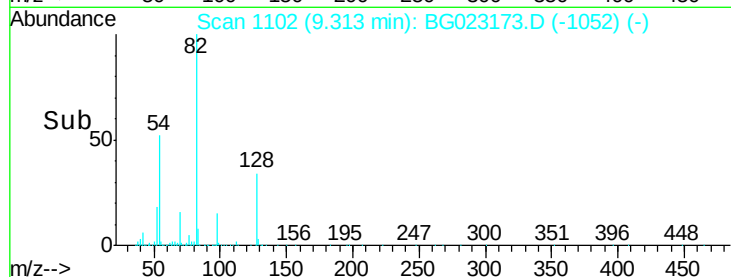
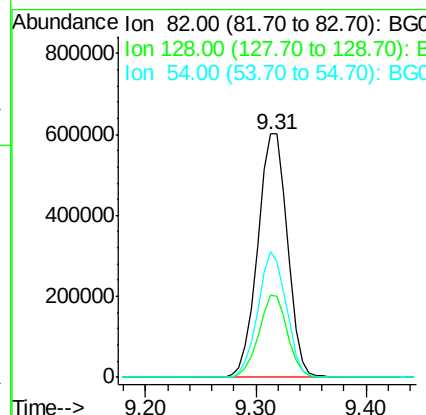
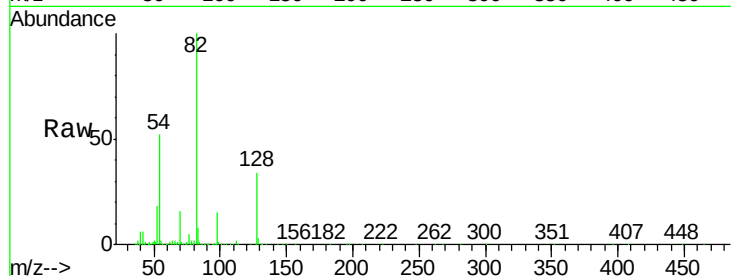




#23
 Nitrobenzene-d5
 Concen: 93.17 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BG023173.D
 Acq: 19 Jul 2016 12:46

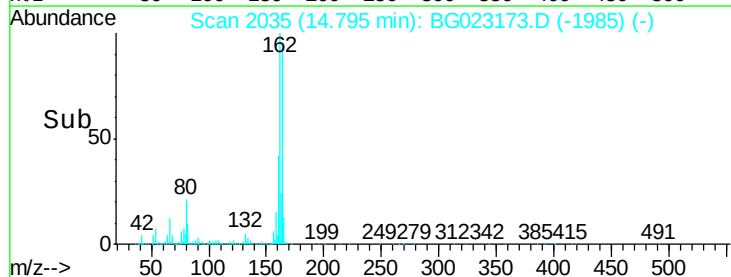
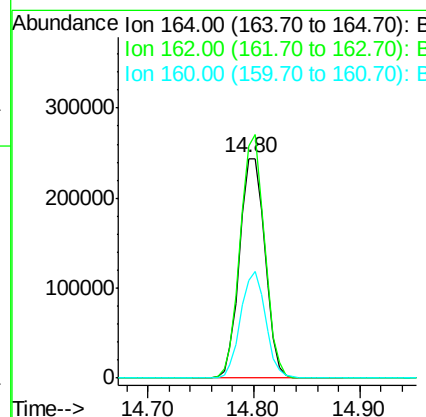
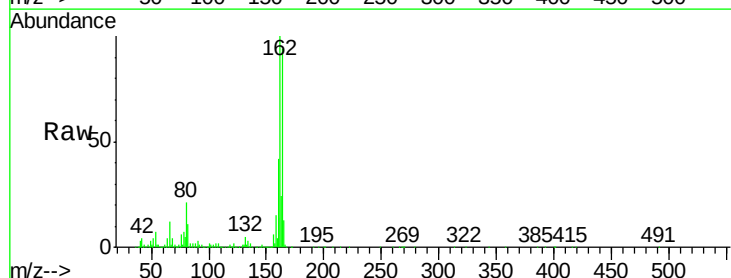
Instrument :
 BNA_G
 ClientSampleId :
 FB-071116

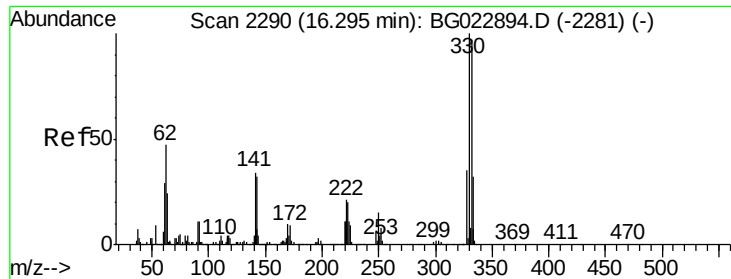
Tot Ion: 82 Resp: 1140559
 Ion Ratio Lower Upper
 82 100
 128 33.6 24.4 36.6
 54 51.7 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG023173.D
 Acq: 19 Jul 2016 12:46

Tgt Ion: 164 Resp: 406313
 Ion Ratio Lower Upper
 164 100
 162 105.9 87.7 131.5
 160 44.3 37.2 55.8

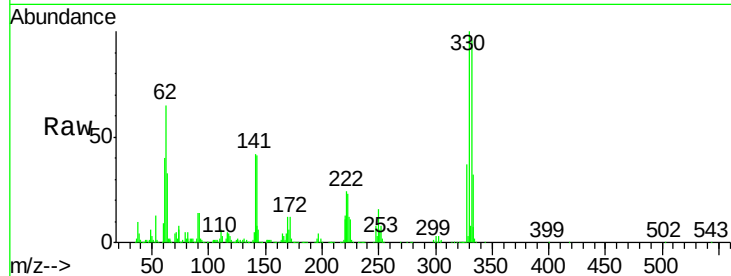




#41
 2,4,6-Tribromophenol
 Concen: 98.64 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BG023173.D
 Acq: 19 Jul 2016 12:46

Instrument :
 BNA_G
 ClientSampleId :
 FB-071116

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.2
141	42.5	31.7	47.5

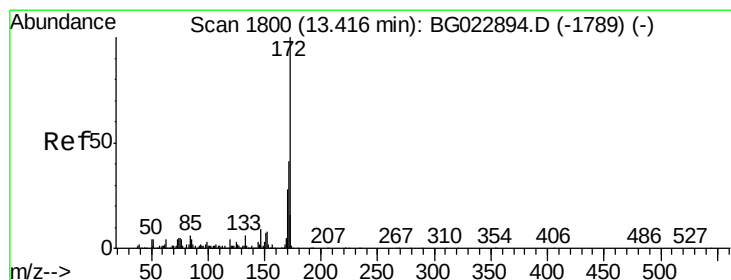
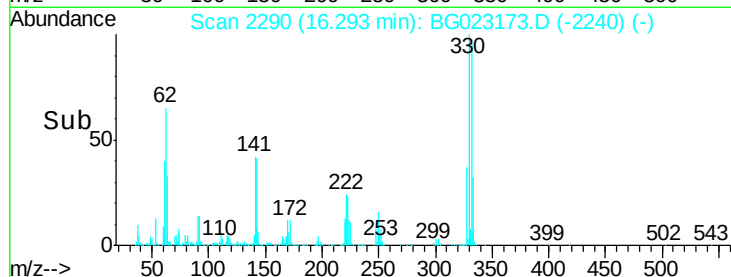
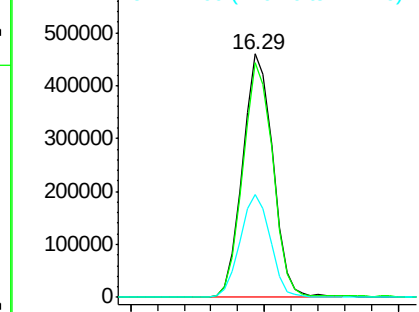


Abundance

Ion 329.80 (329.50 to 330.50): E

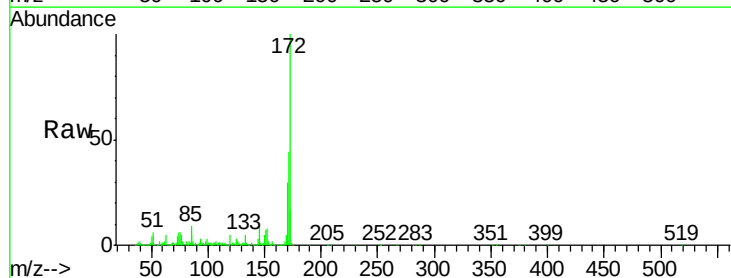
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.24 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG023173.D
 Acq: 19 Jul 2016 12:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	43.8	31.6	47.4
170	30.2	21.3	31.9

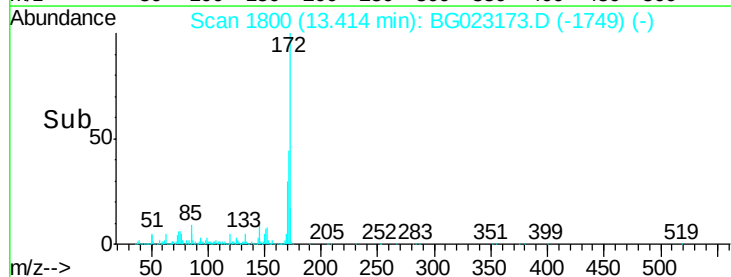
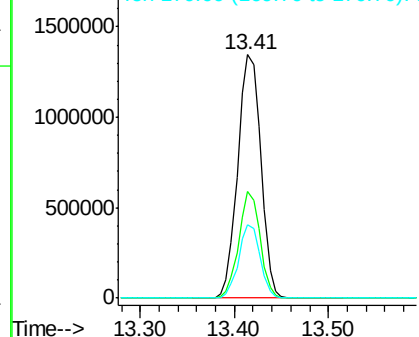


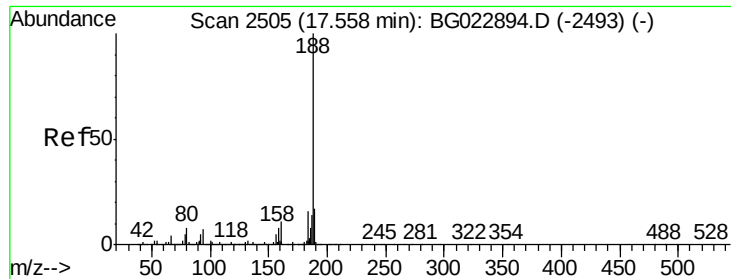
Abundance

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: BG023173.D

Acq: 19 Jul 2016 12:46

Instrument :

BNA_G

ClientSampleId :

FB-071116

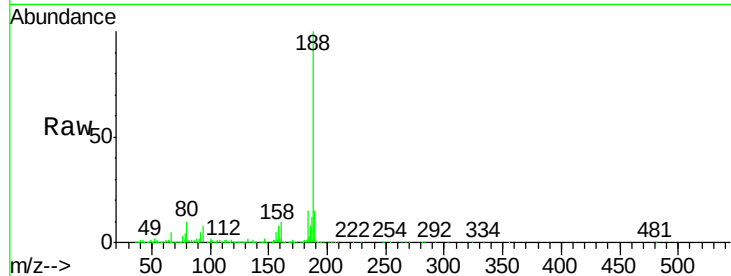
Tot Ion:188 Resp: 925638

Ion Ratio Lower Upper

188 100

94 8.2 5.2 7.8#

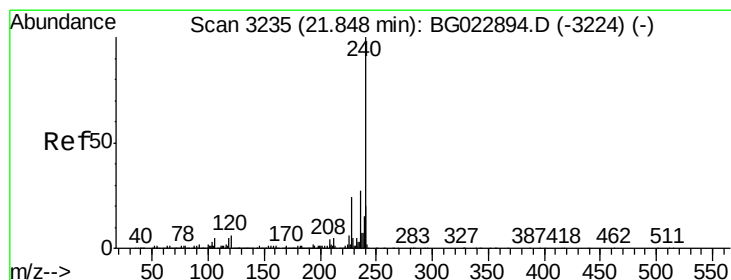
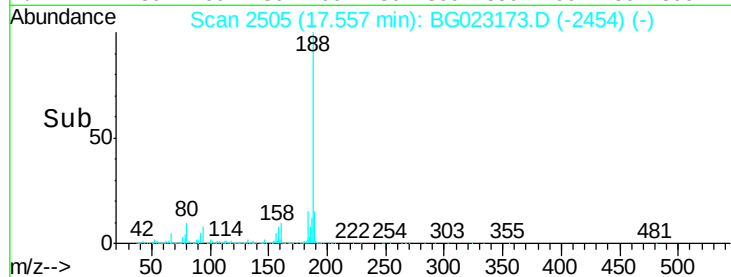
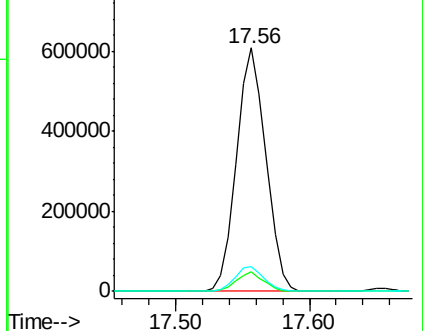
80 10.3 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.88 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BG023173.D

Acq: 19 Jul 2016 12:46

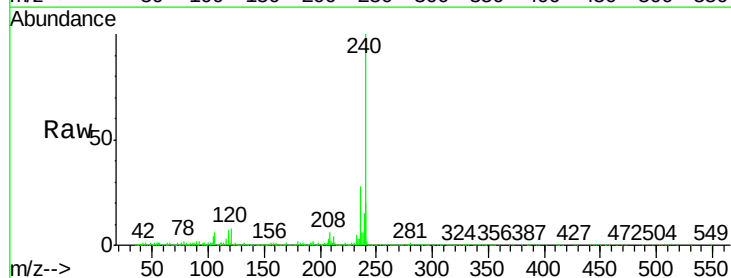
Tgt Ion:240 Resp: 915550

Ion Ratio Lower Upper

240 100

120 8.1 4.1 6.1#

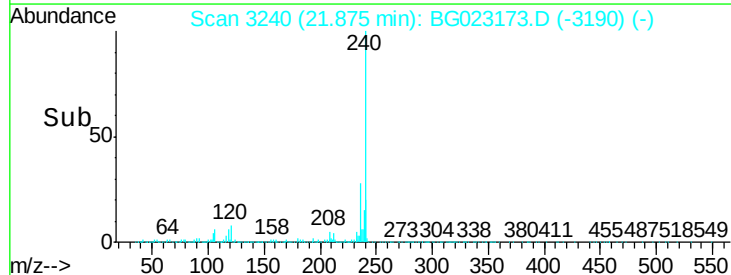
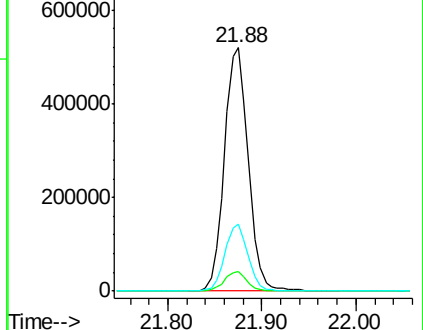
236 27.6 21.1 31.7

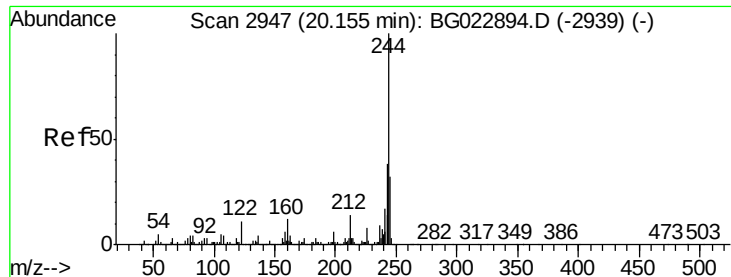


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 112.97 ng

RT: 20.17 min Scan# 2949

Delta R.T. 0.00 min

Lab File: BG023173.D

Acq: 19 Jul 2016 12:46

Instrument :

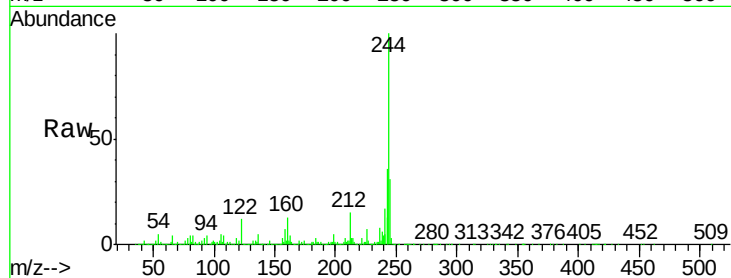
BNA_G

ClientSampleId :

FB-071116

Tot Ion:244 Resp: 2874824

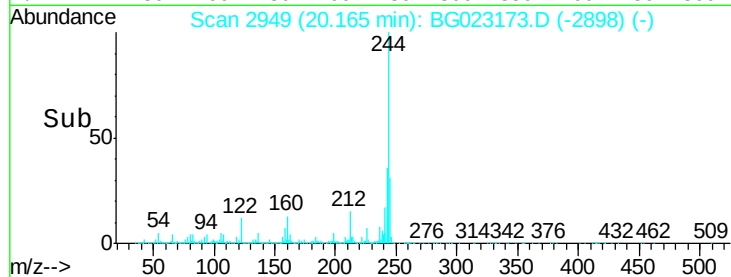
Ion	Ratio	Lower	Upper
244	100		
212	14.7	10.8	16.2
122	11.7	8.0	12.0



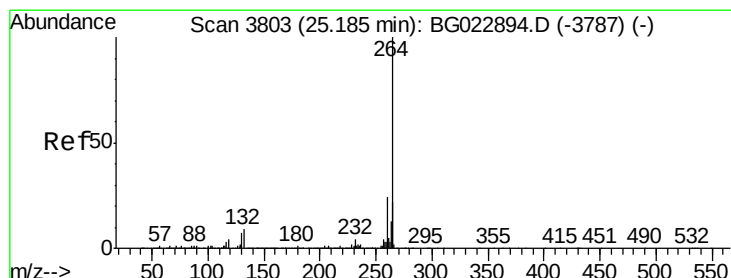
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.27 min Scan# 3817

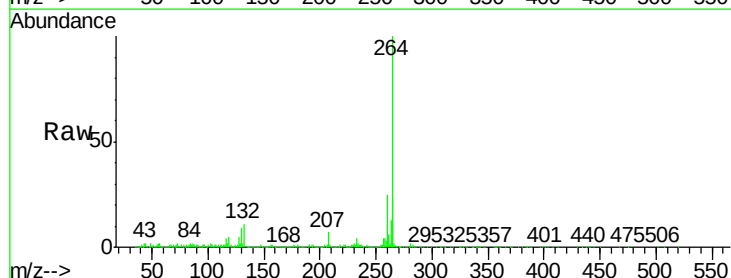
Delta R.T. -0.01 min

Lab File: BG023173.D

Acq: 19 Jul 2016 12:46

Tgt Ion:264 Resp: 848876

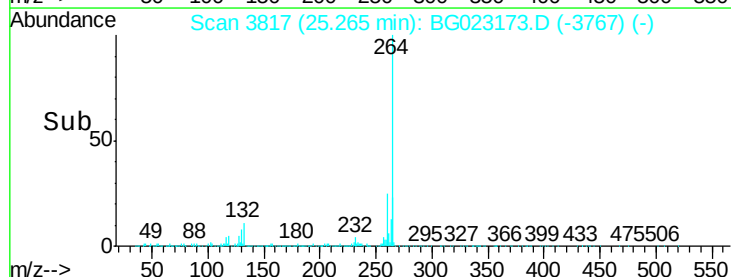
Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.4	27.6
265	23.0	18.9	28.3



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



Time-->