

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031515.D
 Acq On : 13 Dec 2017 6:11
 Operator : SJ/JU
 Sample : I6814-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PHMHC-WC1

Quant Time: Dec 13 07:00:55 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

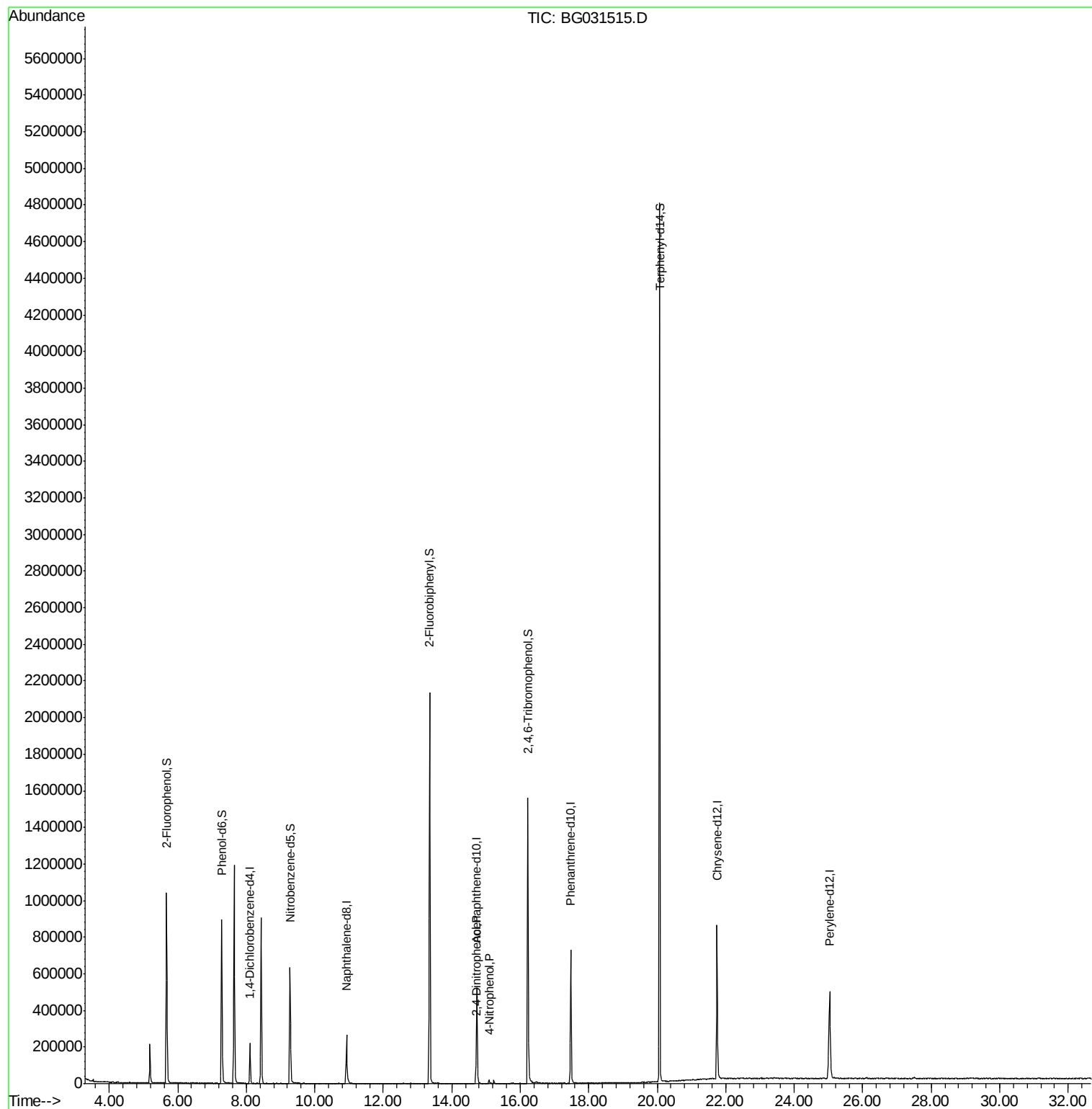
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	66682	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	286715	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	195473	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	499346	20.00	ng	0.00
75) Chrysene-d12	21.75	240	584747	20.00	ng	0.00
86) Perylene-d12	25.03	264	565946	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	520363	138.32	ng	0.00
7) Phenol-d6	7.28	99	596196	114.16	ng	0.01
23) Nitrobenzene-d5	9.27	82	442510	95.13	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	340187	148.55	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1249972	93.86	ng	0.00
78) Terphenyl-d14	20.07	244	2327296	90.55	ng	0.00
Target Compounds						
53) 2,4-Dinitrophenol	14.70	184	57	9.09	ng	# 1
55) 4-Nitrophenol	15.09	139	61	3.57	ng	# 17

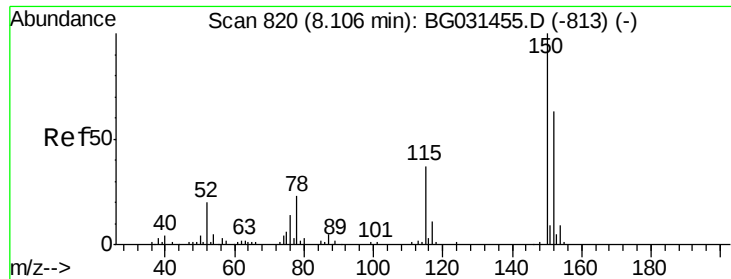
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG031515.D

Acq: 13 Dec 2017 6:11

Instrument :

BNA_G

ClientSampleId :

PHMHC-WC1

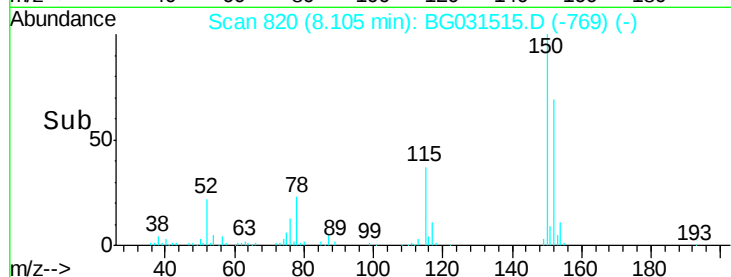
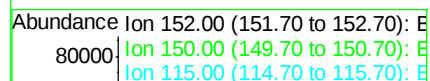
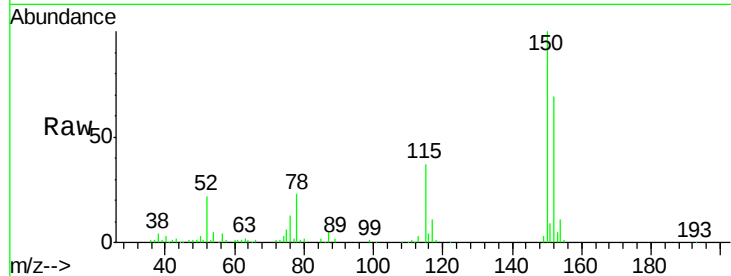
Tot Ion:152 Resp: 66682

Ion Ratio Lower Upper

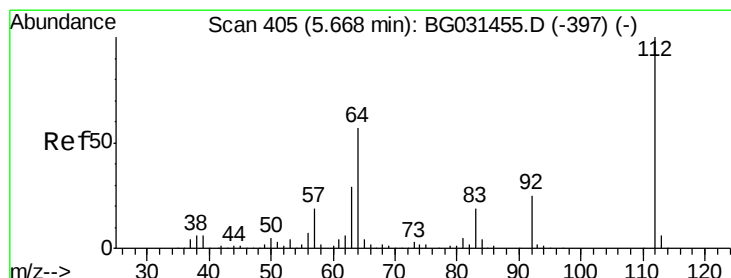
152 100

150 144.7 126.6 189.8

115 53.6 53.0 79.4



Time-->



#5

2-Fluorophenol

Concen: 138.32 ng

RT: 5.67 min Scan# 406

Delta R.T. 0.01 min

Lab File: BG031515.D

Acq: 13 Dec 2017 6:11

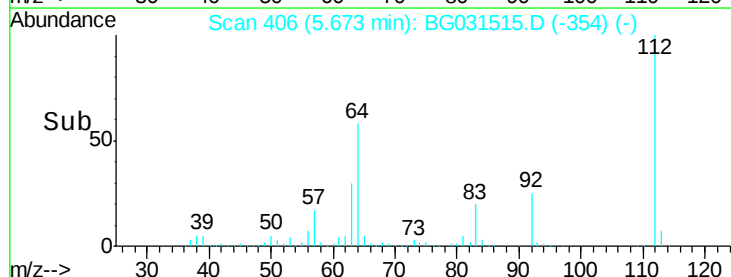
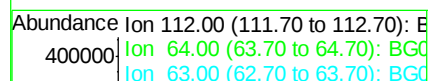
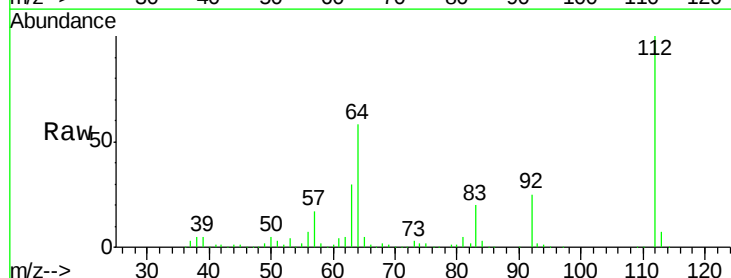
Tgt Ion:112 Resp: 520363

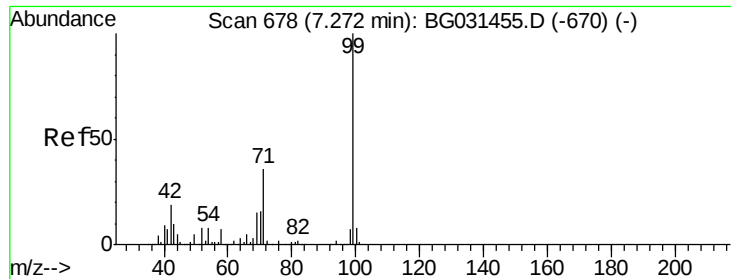
Ion Ratio Lower Upper

112 100

64 57.9 56.3 84.5

63 29.9 30.1 45.1#





#7

Phenol-d6

Concen: 114.16 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG031515.D

Acq: 13 Dec 2017 6:11

Instrument :

BNA_G

ClientSampleId :

PHMHC-WC1

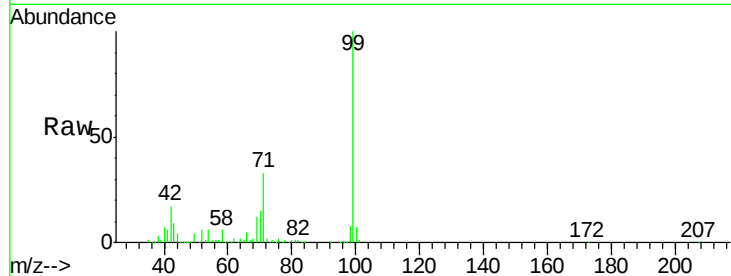
Tot Ion: 99 Resp: 596196

Ion Ratio Lower Upper

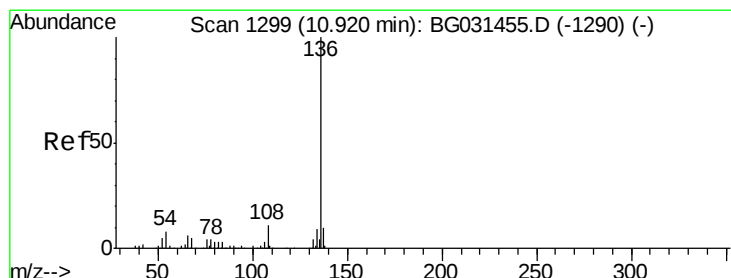
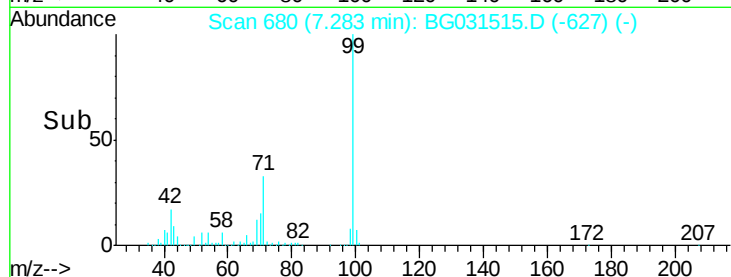
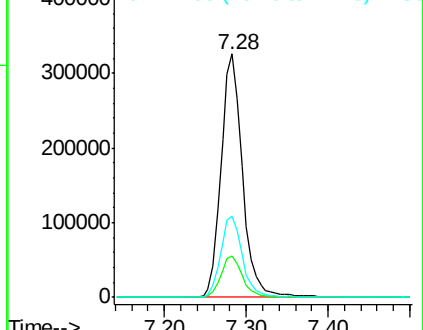
99 100

42 17.2 14.1 21.1

71 33.2 26.1 39.1



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: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031515.D

Acq: 13 Dec 2017 6:11

Tgt Ion: 136 Resp: 286715

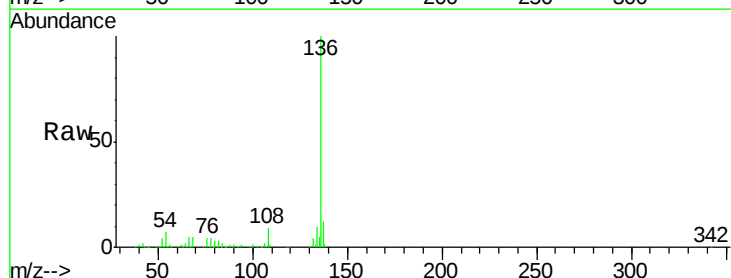
Ion Ratio Lower Upper

136 100

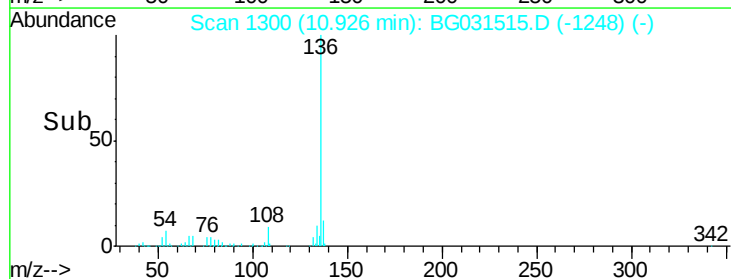
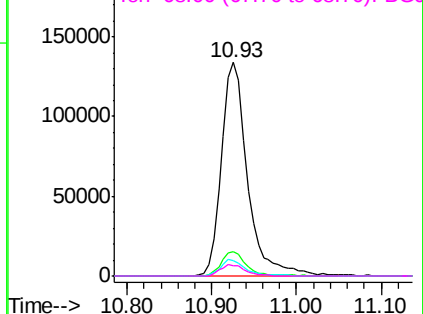
137 11.6 9.2 13.8

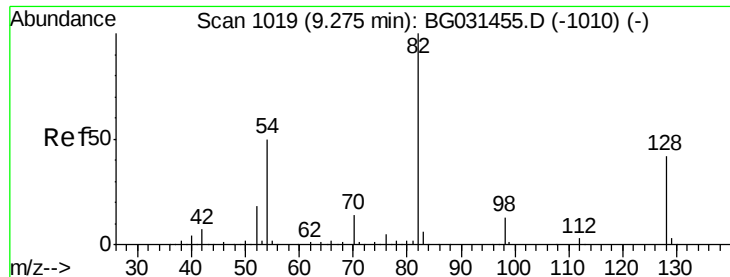
54 7.2 10.3 15.5#

68 4.9 4.5 6.7



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

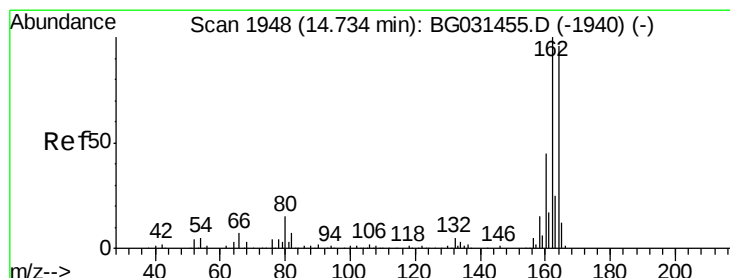
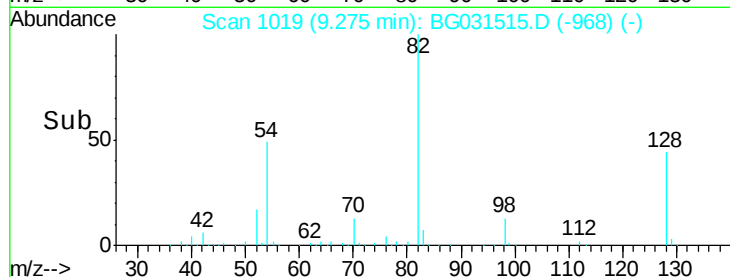
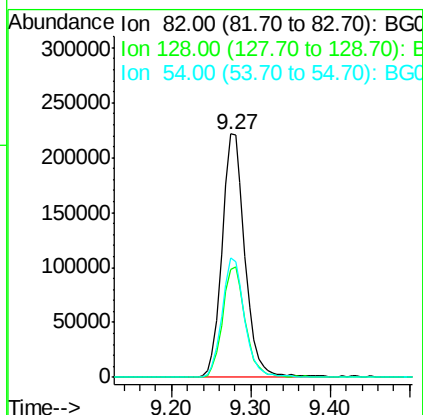
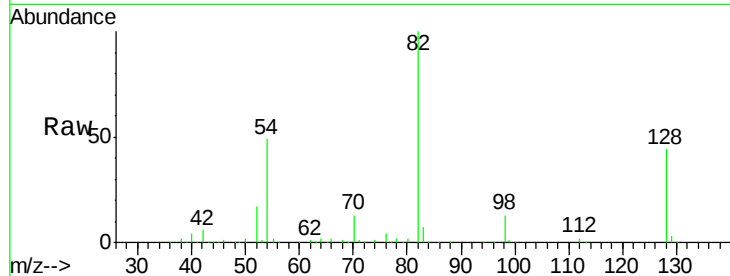




#23
 Nitrobenzene-d5
 Concen: 95.13 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG031515.D
 Acq: 13 Dec 2017 6:11

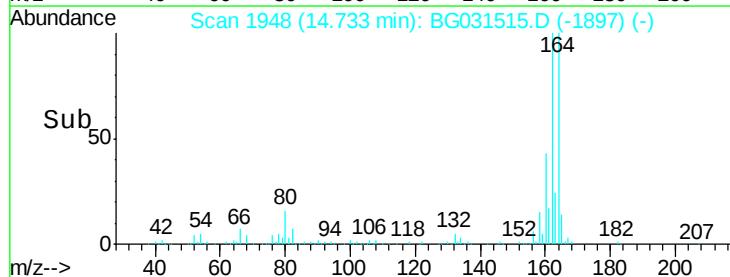
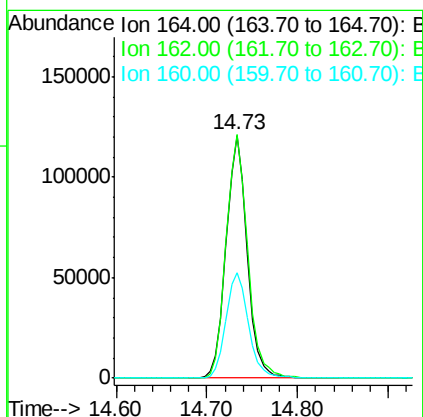
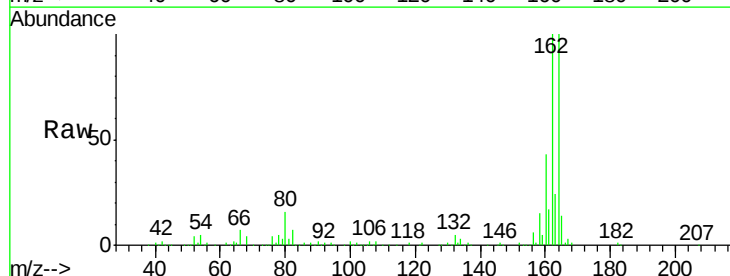
Instrument :
 BNA_G
 ClientSampleId :
 PHMHC-WC1

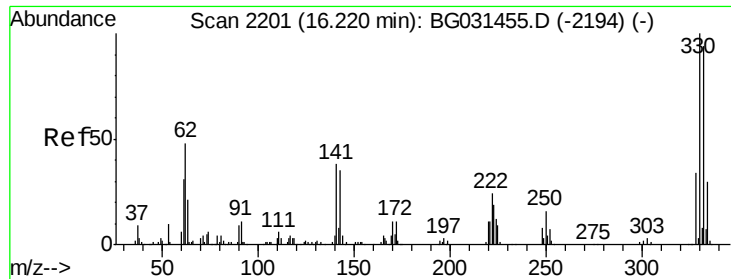
Tot Ion	82	Resp	442510
Ion Ratio	100	Lower	Upper
128	44.5	29.7	44.5
54	49.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG031515.D
 Acq: 13 Dec 2017 6:11

Tgt Ion	164	Resp	195473
Ion Ratio	100	Lower	Upper
162	100.3	78.8	118.2
160	43.3	35.4	53.0

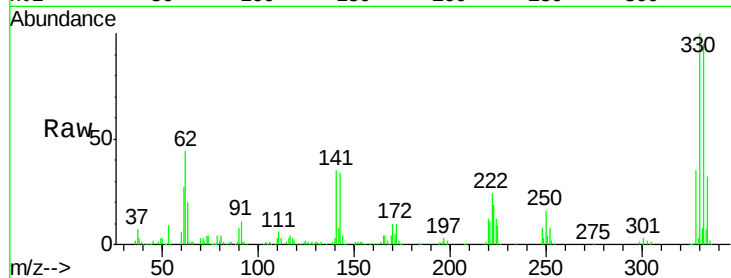




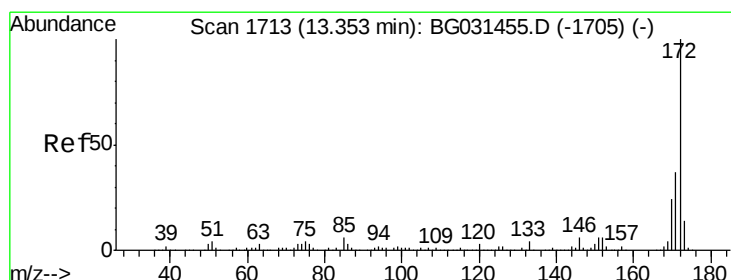
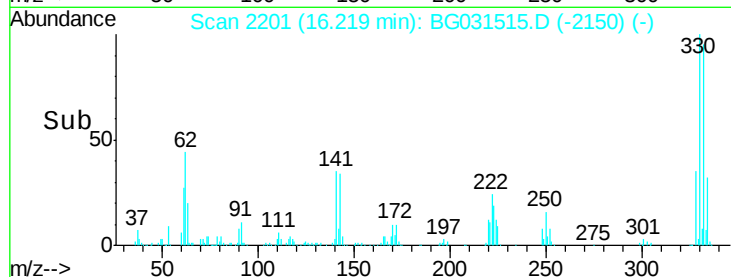
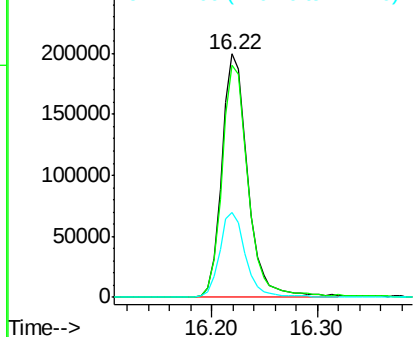
#41
 2,4,6-Tribromophenol
 Concen: 148.55 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031515.D
 Acq: 13 Dec 2017 6:11

Instrument :
 BNA_G
 ClientSampleId :
 PHMHC-WC1

Tot Ion:330 Resp: 340187
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 35.0 25.2 37.8

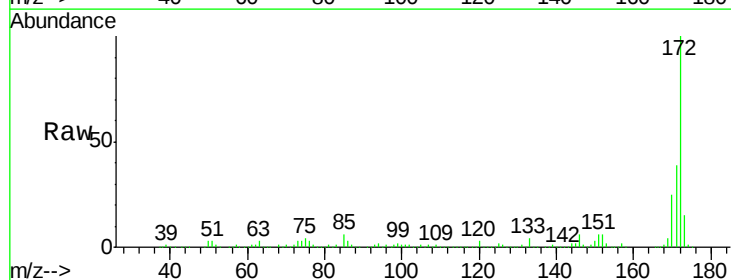


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

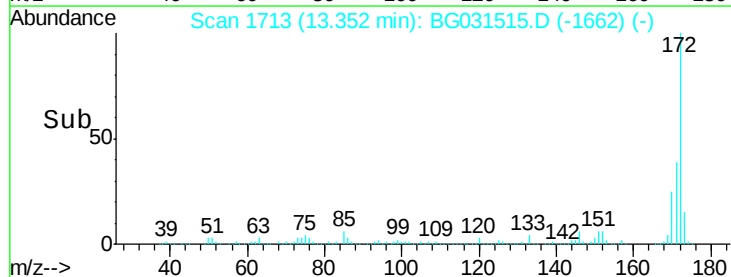
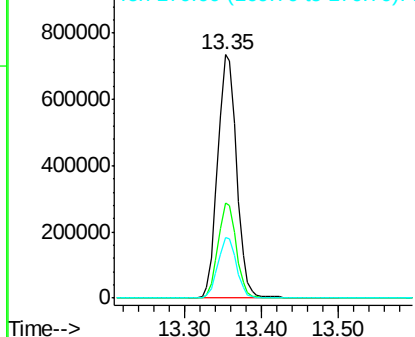


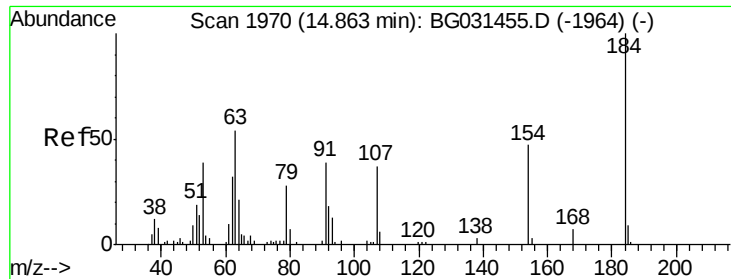
#44
 2-Fluorobiphenyl
 Concen: 93.86 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031515.D
 Acq: 13 Dec 2017 6:11

Tgt Ion:172 Resp: 1249972
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.0 45.0
 170 24.9 19.5 29.3



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

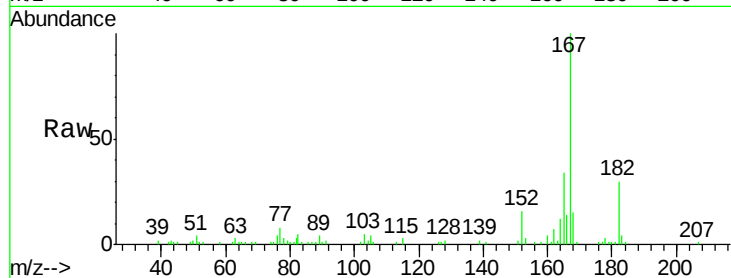




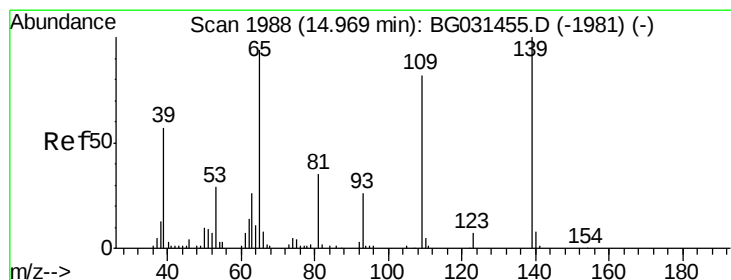
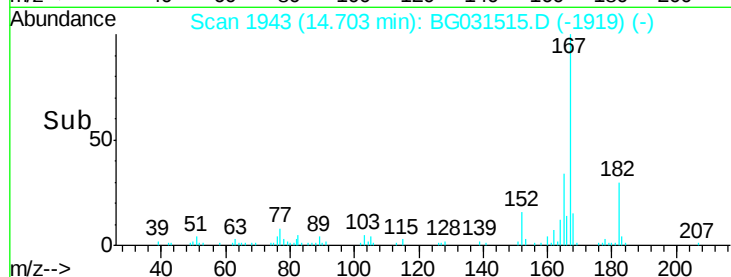
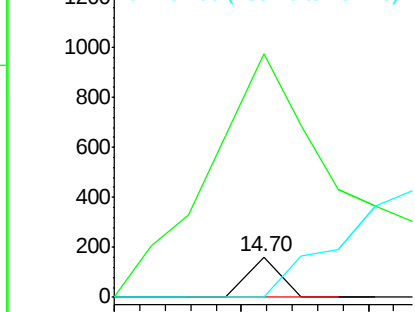
#53
2,4-Dinitrophenol
Concen: 9.09 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.16 min
Lab File: BG031515.D
Acq: 13 Dec 2017 6:11

Instrument :
BNA_G
ClientSampleId :
PHMHC-WC1

Tot Ion:184 Resp: 57
Ion Ratio Lower Upper
184 100
63 605.0 59.8 89.8#
154 0.0 101.8 152.8#

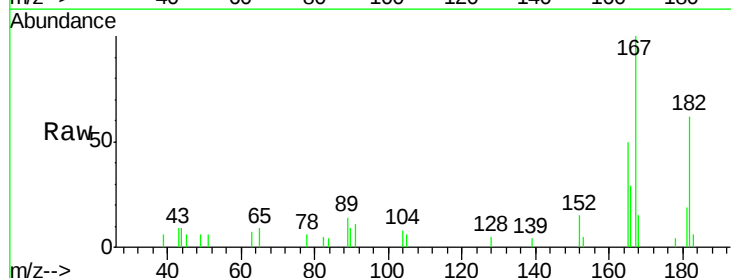


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 154.00 (153.70 to 154.70): E

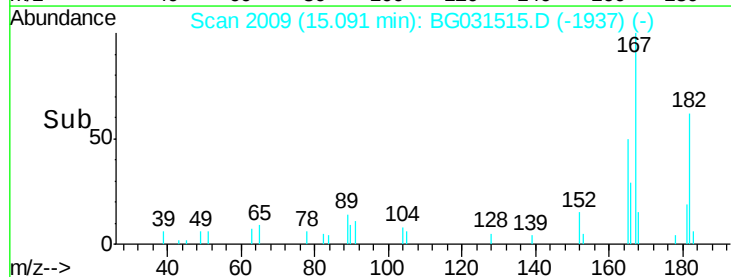
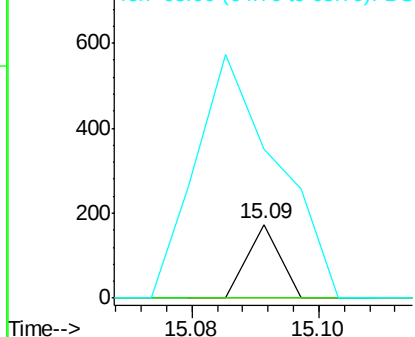


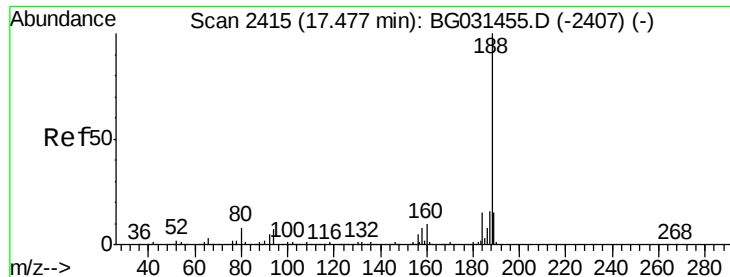
#55
4-Nitrophenol
Concen: 3.57 ng
RT: 15.09 min Scan# 2009
Delta R.T. 0.12 min
Lab File: BG031515.D
Acq: 13 Dec 2017 6:11

Tgt Ion:139 Resp: 61
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 201.1 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGO





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BG031515.D

Acq: 13 Dec 2017 6:11

Instrument :

BNA_G

ClientSampleId :

PHMHC-WC1

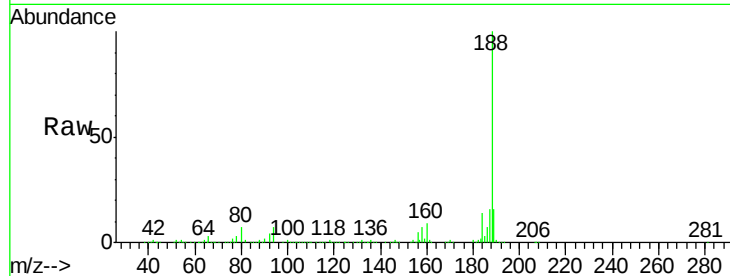
Tot Ion:188 Resp: 499346

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

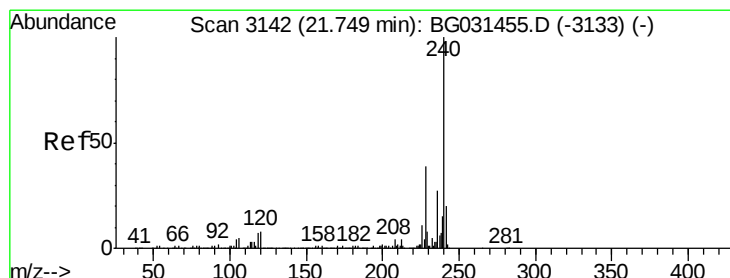
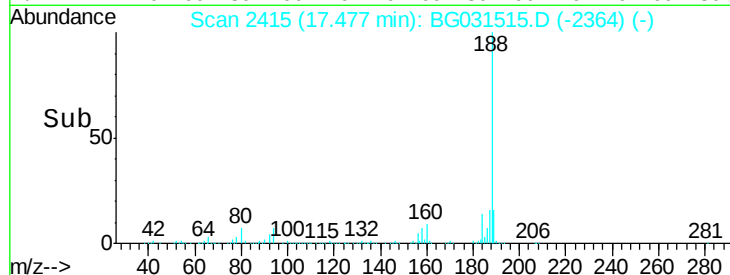
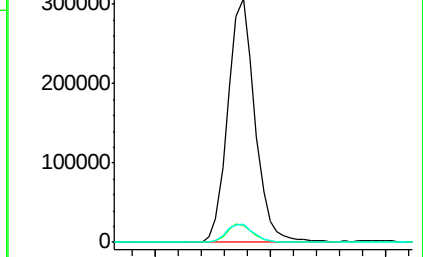
80 7.5 7.7 11.5#



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: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG031515.D

Acq: 13 Dec 2017 6:11

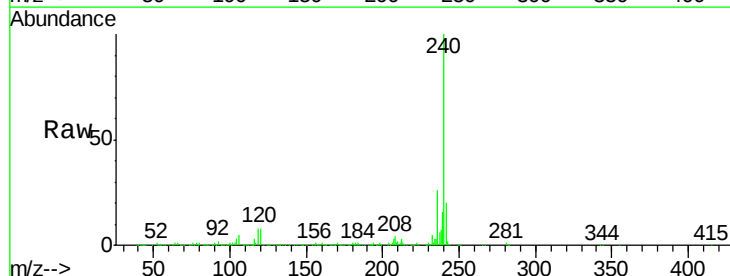
Tgt Ion:240 Resp: 584747

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

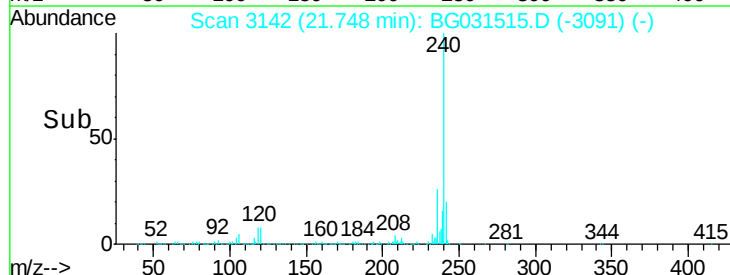
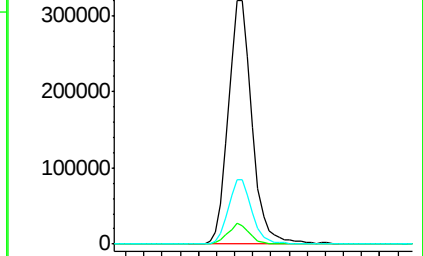
236 26.3 20.9 31.3

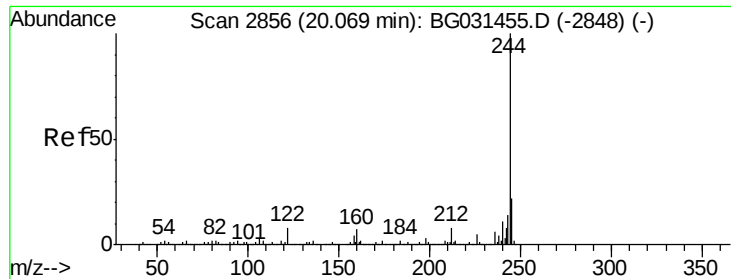


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.55 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031515.D

Acq: 13 Dec 2017 6:11

Instrument :

BNA_G

ClientSampleId :

PHMHC-WC1

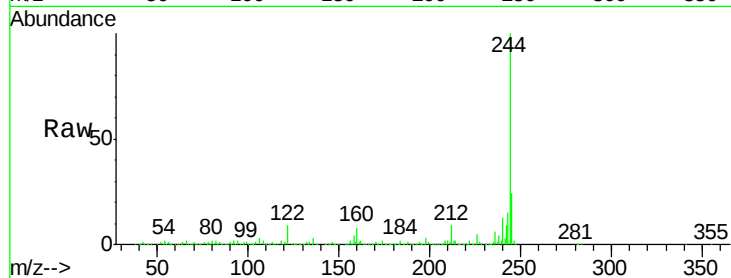
Tot Ion:244 Resp: 2327296

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

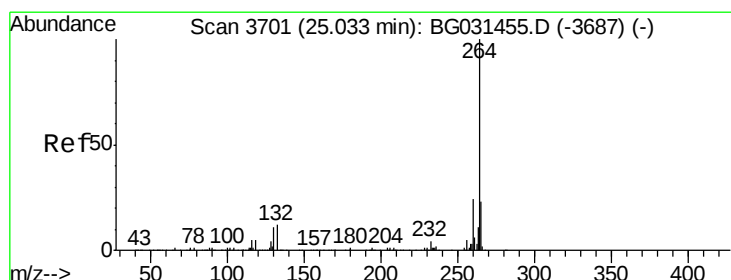
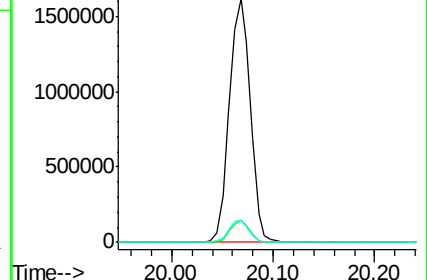
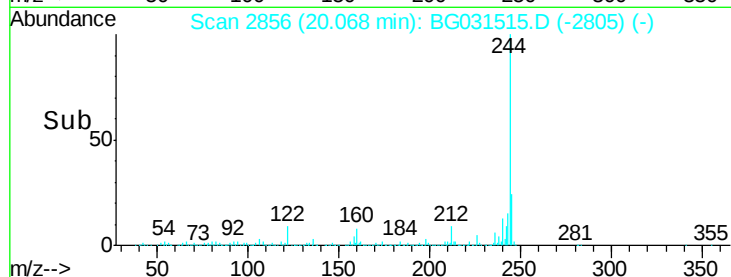
122 9.4 7.0 10.4



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: 25.03 min Scan# 3701

Delta R.T. -0.00 min

Lab File: BG031515.D

Acq: 13 Dec 2017 6:11

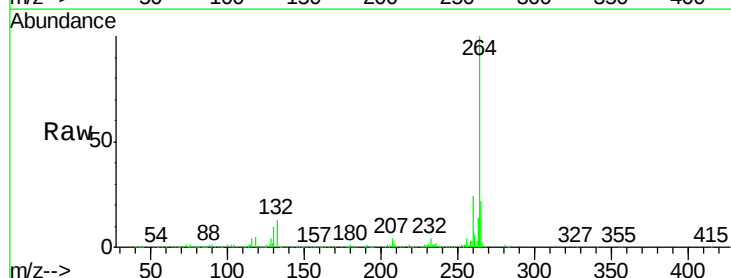
Tgt Ion:264 Resp: 565946

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 22.4 17.7 26.5



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

