

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022585.D
 Acq On : 25 Jun 2016 22:06
 Operator : UM/SJ
 Sample : H3698-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-20

Quant Time: Jun 26 06:49:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

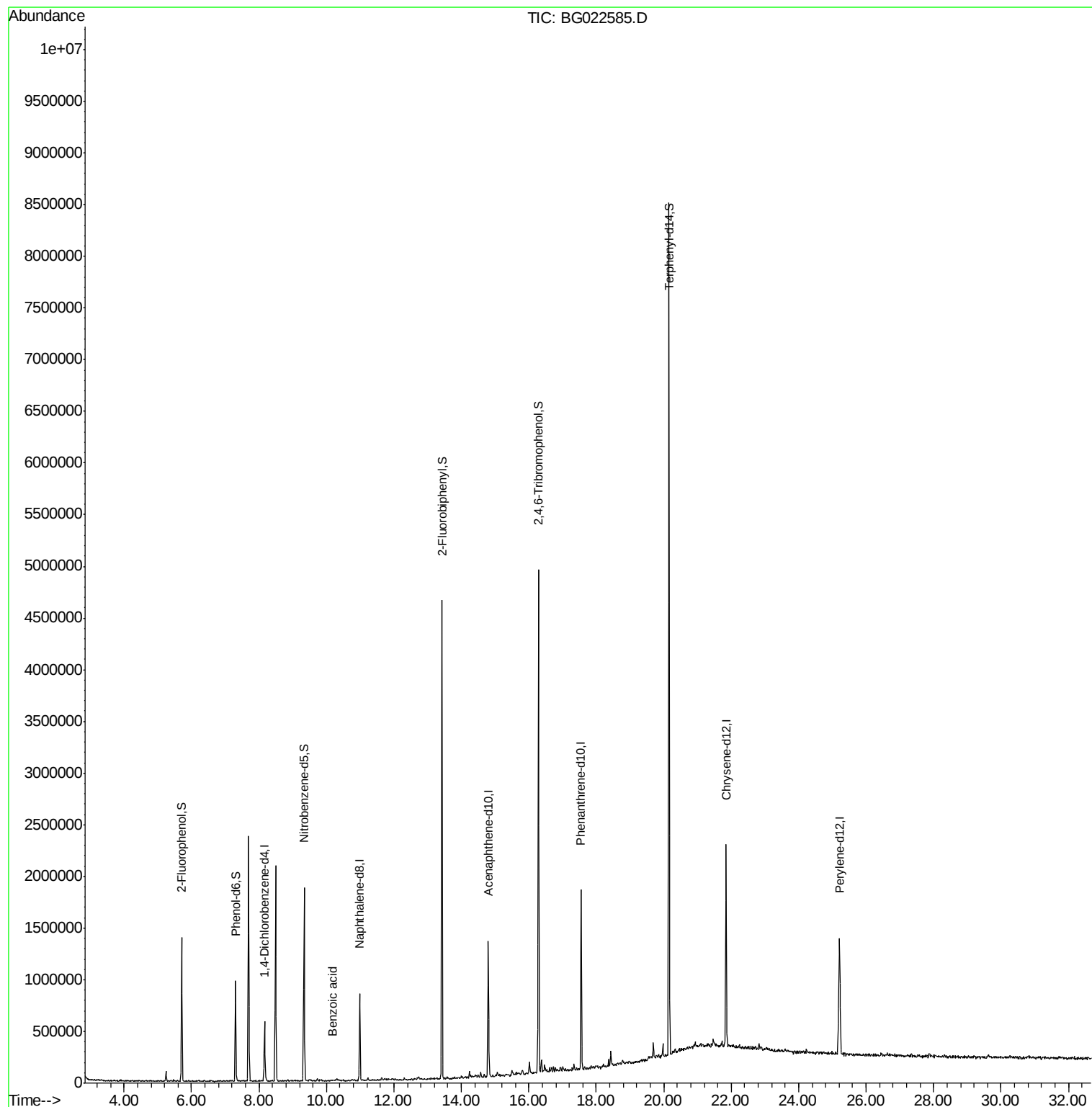
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	147797	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	630081	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	424613	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1054021	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1227552	20.00	ng	0.00
86) Perylene-d12	25.21	264	1296662	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	545196	59.17	ng	0.00
7) Phenol-d6	7.30	99	527030	40.58	ng	0.00
23) Nitrobenzene-d5	9.34	82	1176910	79.06	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	876752	131.28	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	2241205	83.71	ng	0.00
78) Terphenyl-d14	20.16	244	2867363	61.89	ng	0.00
Target Compounds						
32) Benzoic acid	10.19	122	221	5.14	ng	Qvalue # 9

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG022585.D

Acq: 25 Jun 2016 22:06

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BNA_G

ClientSampleId :

W-20

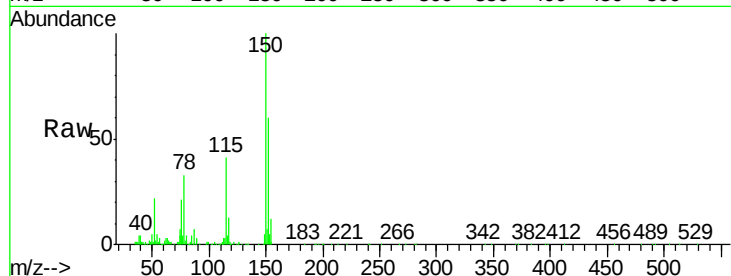
Tgt Ion:152 Resp: 147797

Ion Ratio Lower Upper

152 100

150 166.0 144.7 217.1

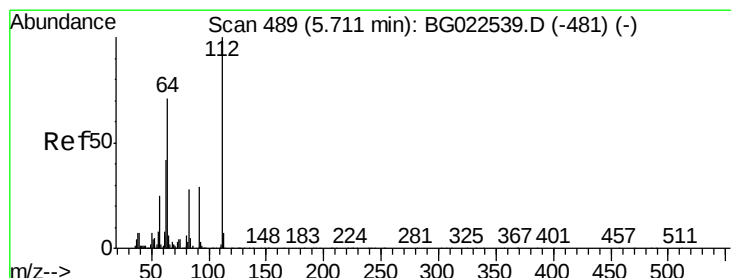
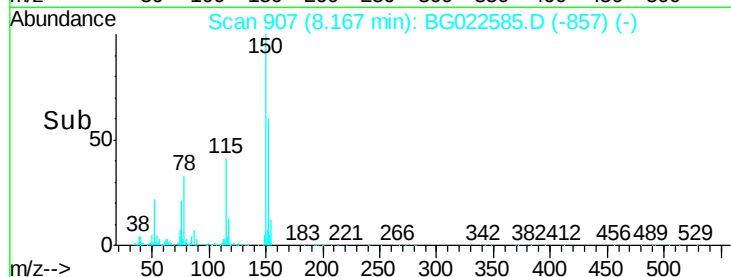
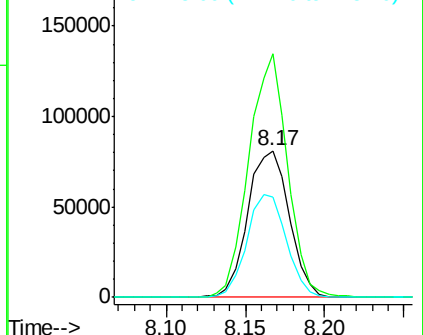
115 68.1 64.0 96.0



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: 59.17 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022585.D

Acq: 25 Jun 2016 22:06

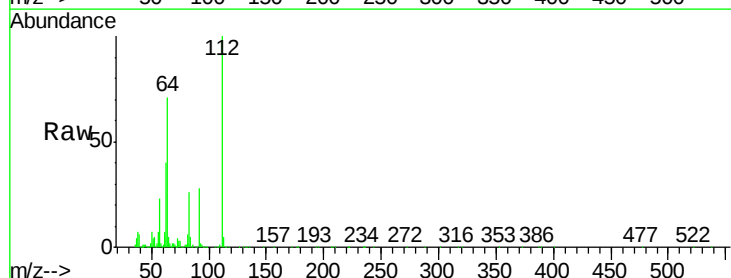
Tgt Ion:112 Resp: 545196

Ion Ratio Lower Upper

112 100

64 71.4 59.0 88.4

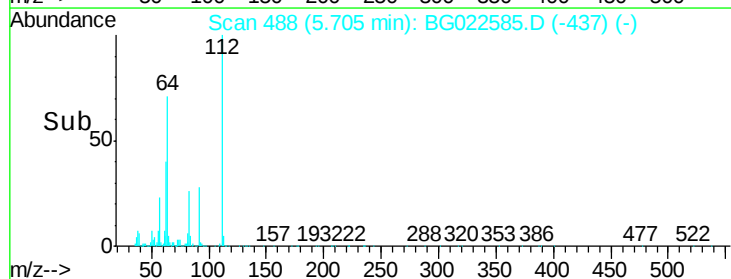
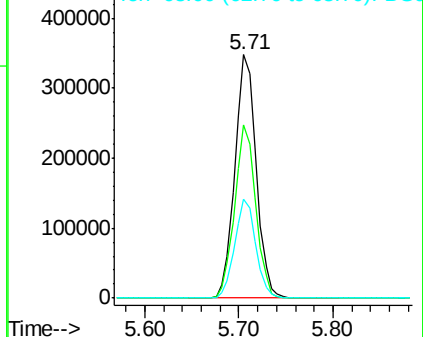
63 40.5 37.8 56.8



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: 40.58 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022585.D

Acq: 25 Jun 2016 22:06

Instrument :

BNA_G

ClientSampleId :

W-20

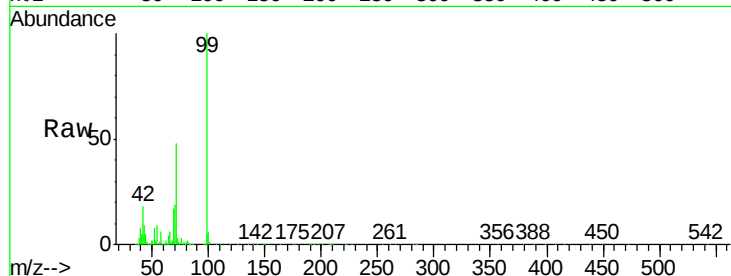
Tgt Ion: 99 Resp: 527030

Ion Ratio Lower Upper

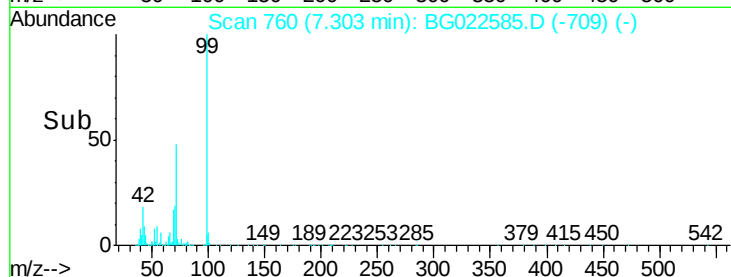
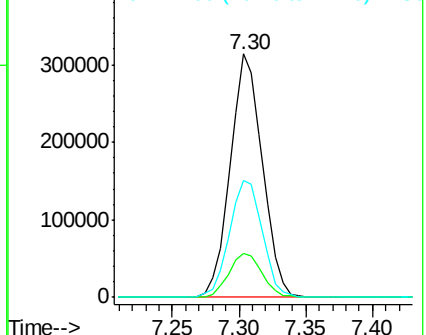
99 100

42 18.0 17.8 26.6

71 48.2 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: 10.99 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BG022585.D

Acq: 25 Jun 2016 22:06

Tgt Ion: 136 Resp: 630081

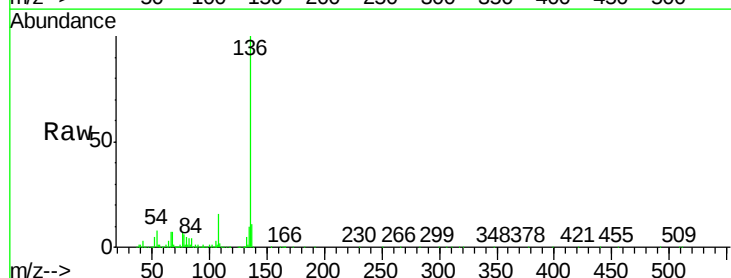
Ion Ratio Lower Upper

136 100

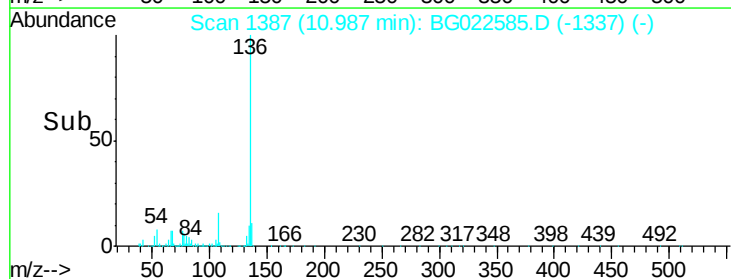
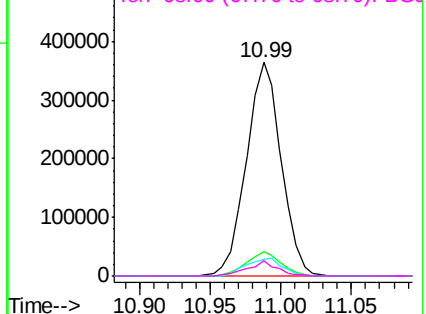
137 11.4 9.6 14.4

54 7.9 7.3 10.9

68 7.2 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

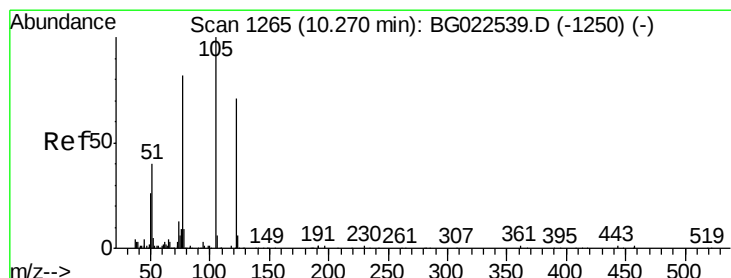
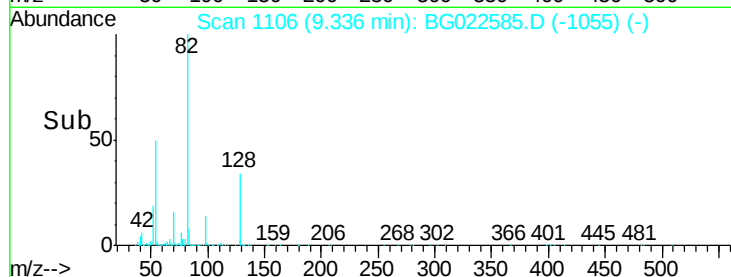
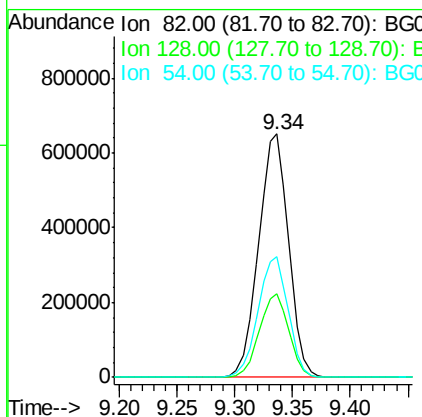
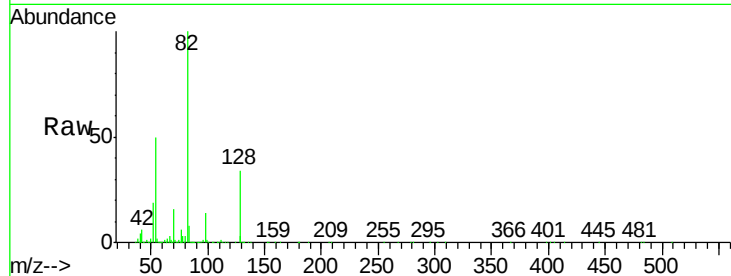




#23
 Nitrobenzene-d5
 Concen: 79.06 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BG022585.D
 Acq: 25 Jun 2016 22:06

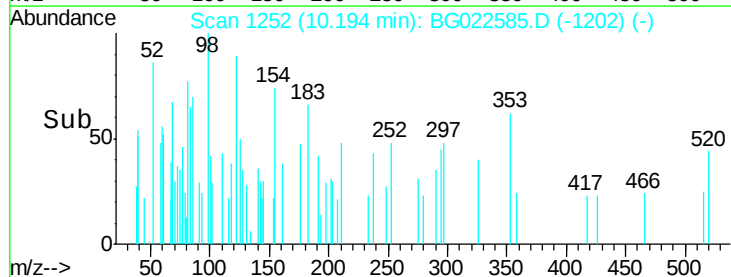
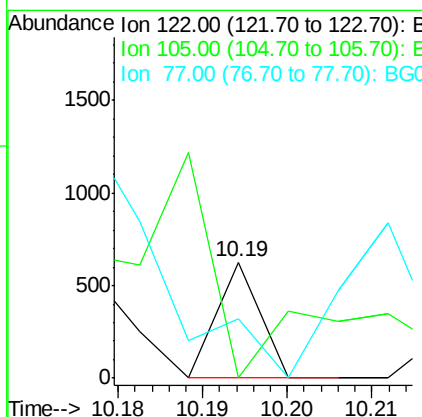
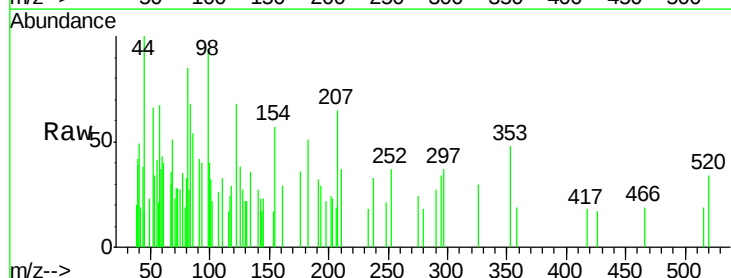
Instrument :
 BNA_G
 ClientSampleId :
 W-20

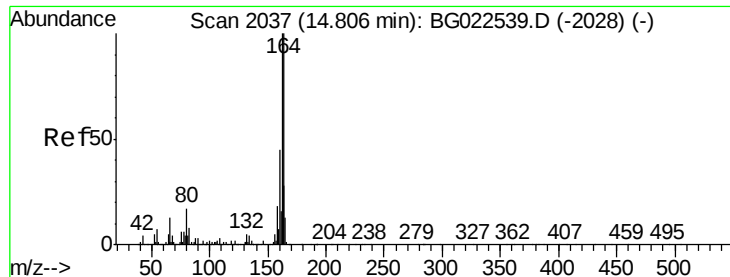
Tgt Ion: 82 Resp: 1176910
 Ion Ratio Lower Upper
 82 100
 128 34.4 24.4 36.6
 54 49.8 41.4 62.0



#32
 Benzoic acid
 Concen: 5.14 ng
 RT: 10.19 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BG022585.D
 Acq: 25 Jun 2016 22:06

Tgt Ion: 122 Resp: 221
 Ion Ratio Lower Upper
 122 100
 105 0.0 117.2 157.2#
 77 51.4 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG022585.D

Acq: 25 Jun 2016 22:06

Instrument :

BNA_G

ClientSampleId :

W-20

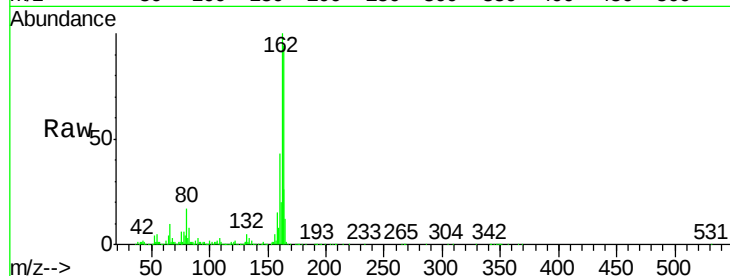
Tgt Ion:164 Resp: 424613

Ion Ratio Lower Upper

164 100

162 106.6 87.7 131.5

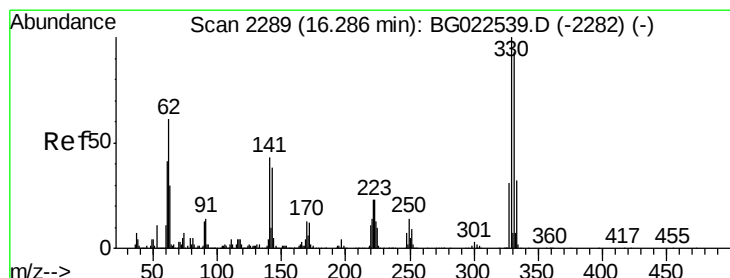
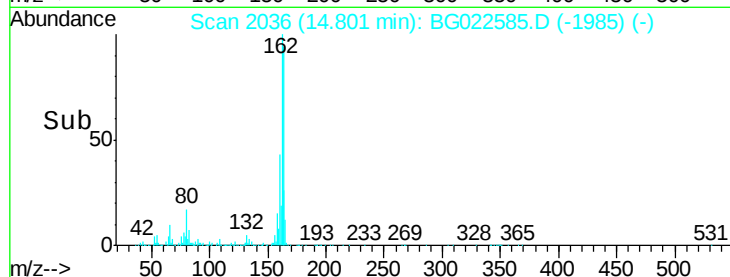
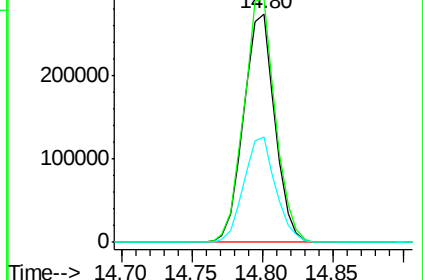
160 46.0 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 131.28 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022585.D

Acq: 25 Jun 2016 22:06

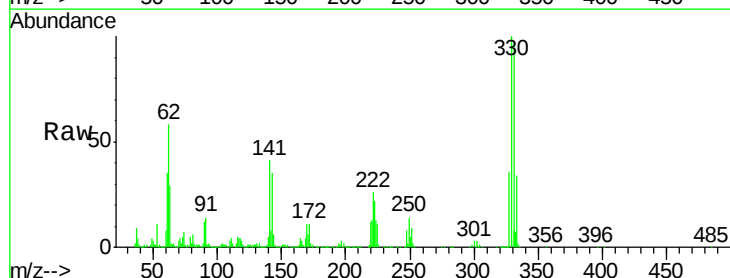
Tgt Ion:330 Resp: 876752

Ion Ratio Lower Upper

330 100

332 94.8 77.4 116.2

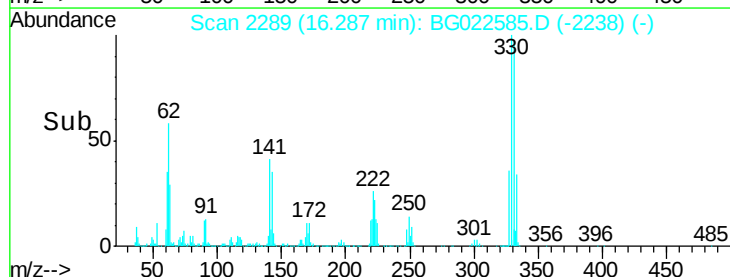
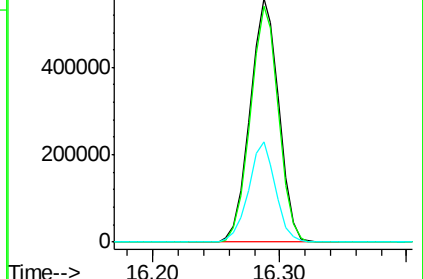
141 38.7 31.7 47.5

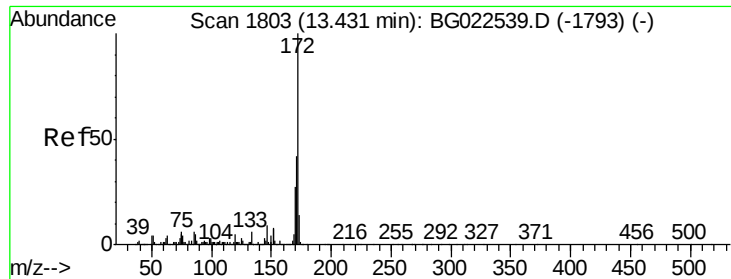


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 83.71 ng

RT: 13.43 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BG022585.D

Acq: 25 Jun 2016 22:06

Instrument :

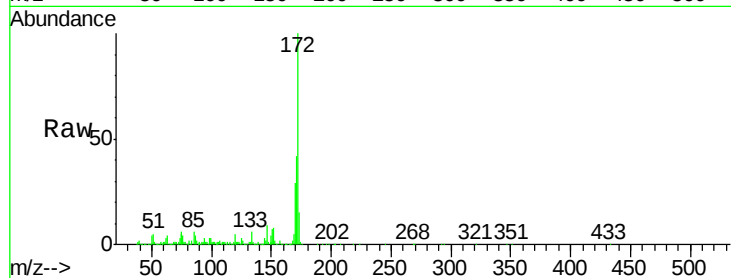
BNA_G

ClientSampleId :

W-20

Tgt Ion:172 Resp: 2241205

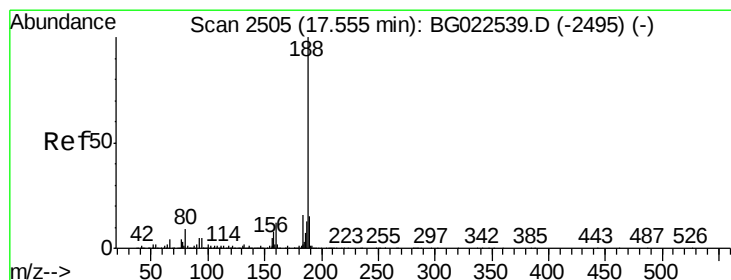
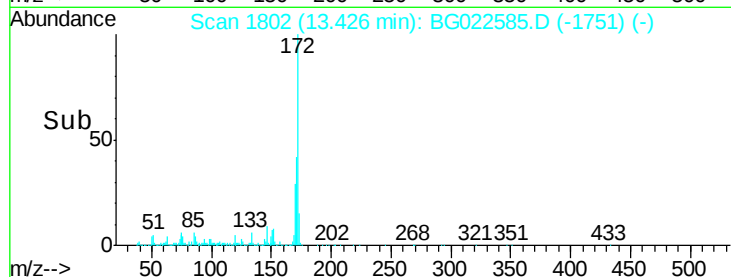
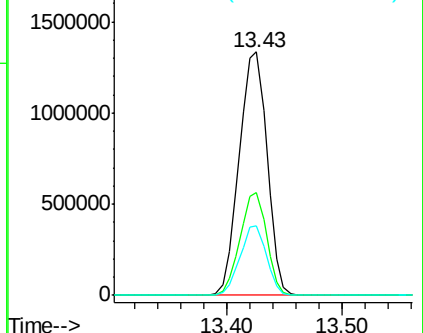
Ion	Ratio	Lower	Upper
172	100		
171	42.4	31.6	47.4
170	28.7	21.3	31.9



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: 17.55 min Scan# 2504

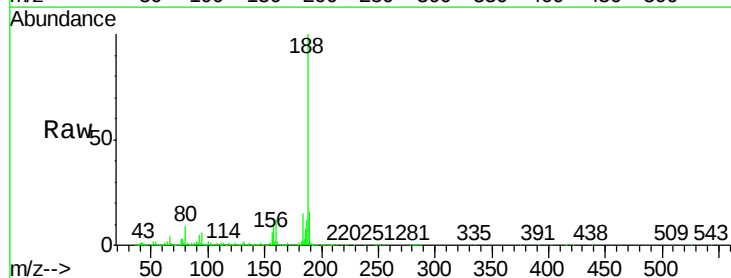
Delta R.T. 0.00 min

Lab File: BG022585.D

Acq: 25 Jun 2016 22:06

Tgt Ion:188 Resp: 1054021

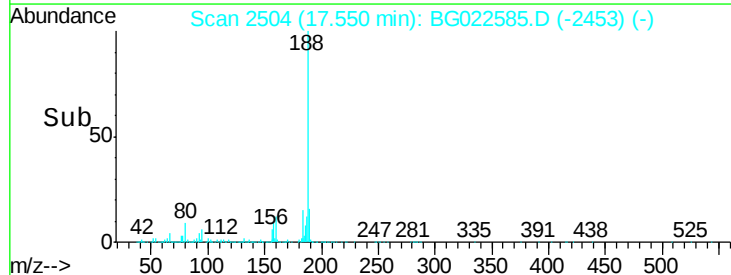
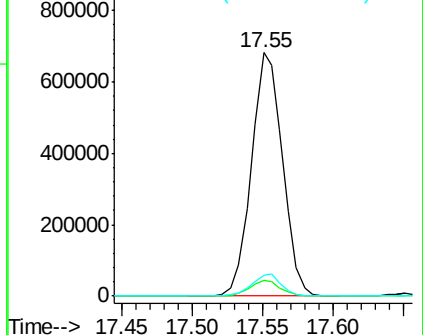
Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.2	7.8
80	8.6	7.2	10.8

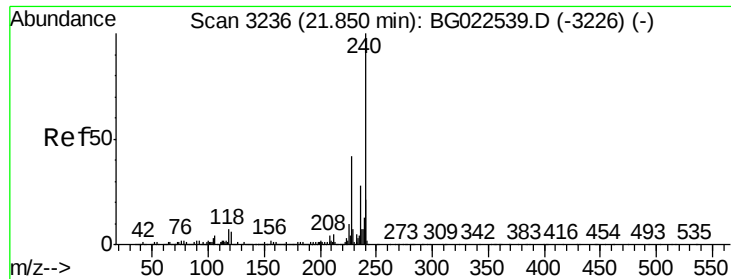


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

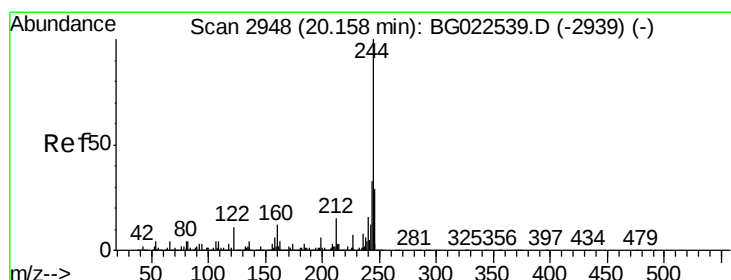
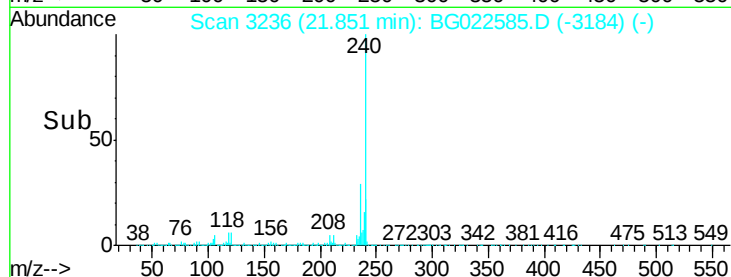
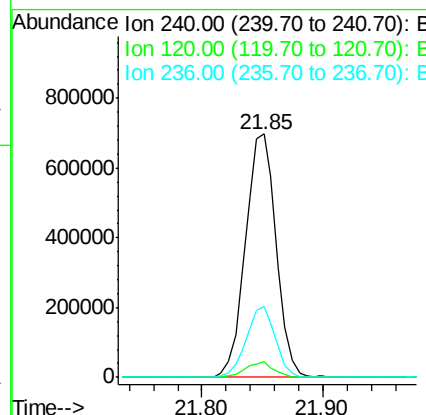
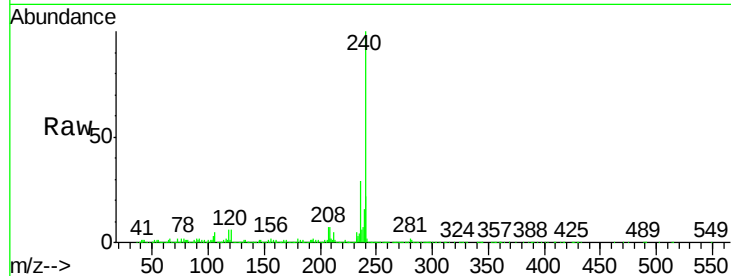




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022585.D
Acq: 25 Jun 2016 22:06

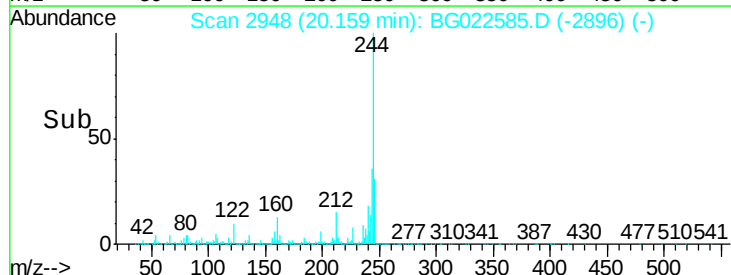
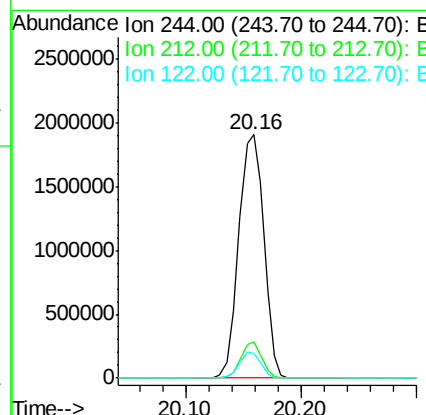
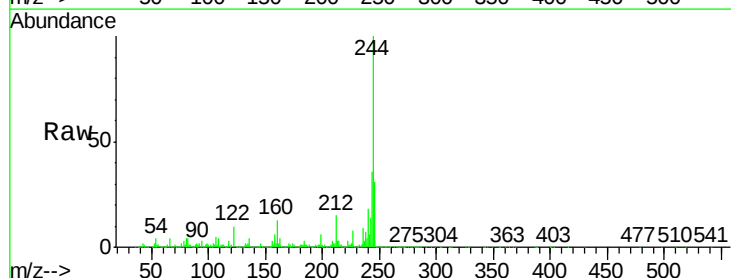
Instrument :
BNA_G
ClientSampleId :
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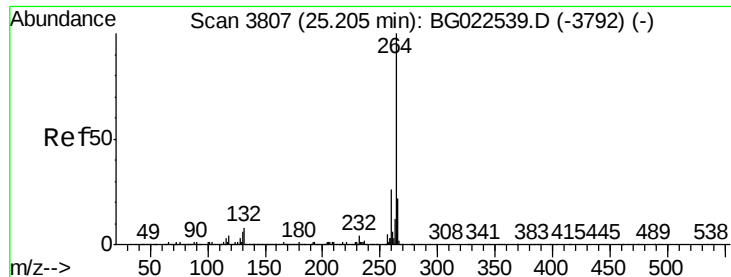
Tgt Ion:240 Resp: 1227552
Ion Ratio Lower Upper
240 100
120 6.3 4.1 6.1#
236 28.9 21.1 31.7



#78
Terphenyl-d14
Concen: 61.89 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG022585.D
Acq: 25 Jun 2016 22:06

Tgt Ion:244 Resp: 2867363
Ion Ratio Lower Upper
244 100
212 14.9 10.8 16.2
122 10.4 8.0 12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. 0.01 min
Lab File: BG022585.D
Acq: 25 Jun 2016 22:06

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 264 Resp: 1296662

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	21.2	18.9	28.3

