

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
 Data File : BG021123.D
 Acq On : 27 Feb 2016 20:21
 Operator : UM/SJ
 Sample : H1565-06
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CEB-4(12-14)20160223

Quant Time: Feb 29 00:21:44 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

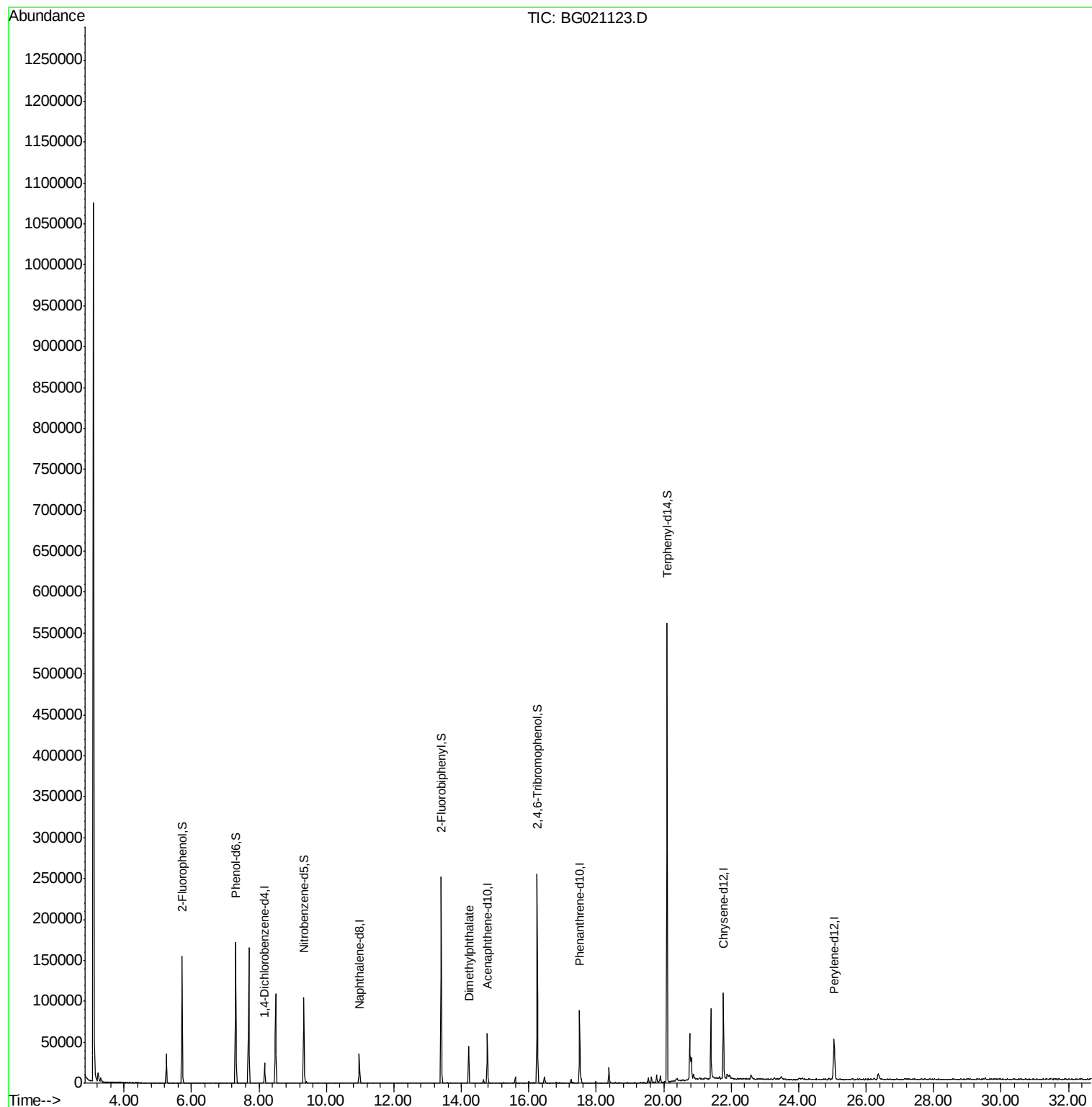
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	6602	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	30136	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	19261	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	51503	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	59807	20.00	ng	-0.02
86) Perylene-d12	25.05	264	53959	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	59284	157.21	ng	0.00
7) Phenol-d6	7.31	99	93832	167.21	ng	-0.02
23) Nitrobenzene-d5	9.33	82	64615	102.16	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	33375	132.16	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	115985	77.06	ng	-0.01
78) Terphenyl-d14	20.10	244	225108	87.96	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.22	163	26078	15.71	ng	# 98

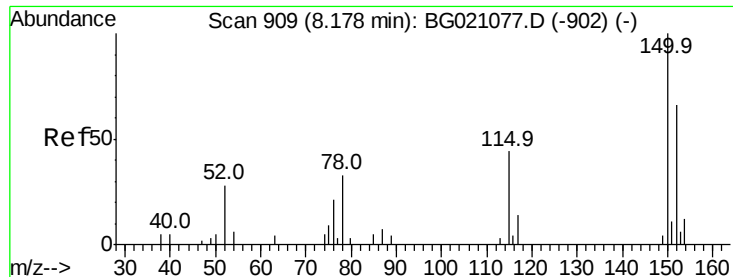
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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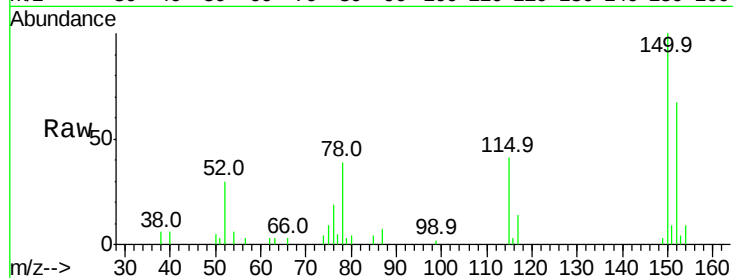


#1

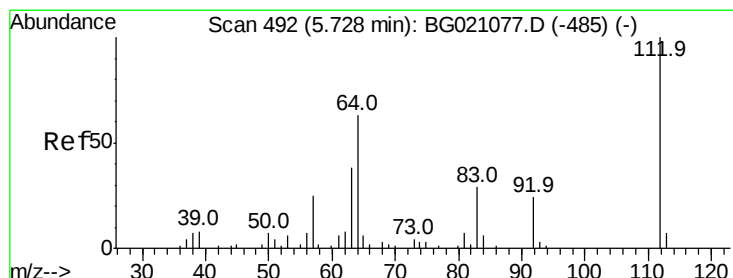
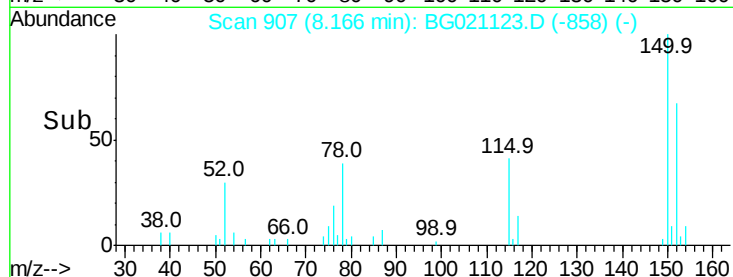
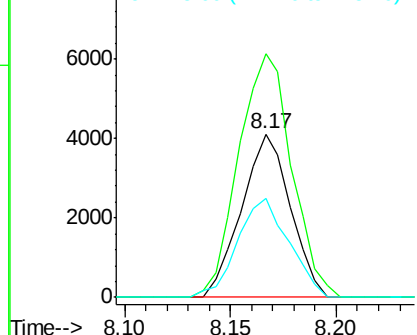
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021123.D
Acq: 27 Feb 2016 20:21

Instrument :
BNA_G
ClientSampleId :
CEB-4(12-14)20160223

Tot Ion:152 Resp: 6602
Ion Ratio Lower Upper
152 100
150 149.2 123.4 185.2
115 60.4 43.3 64.9



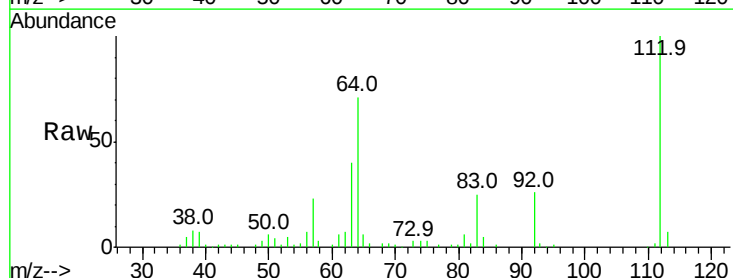
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



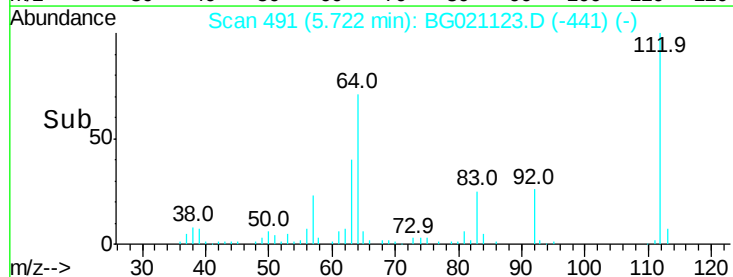
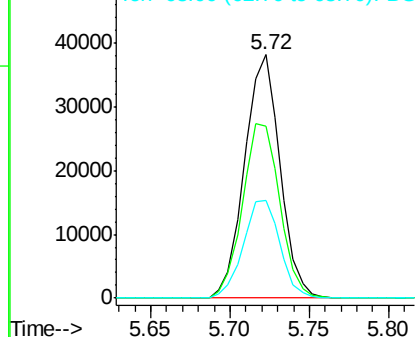
#5

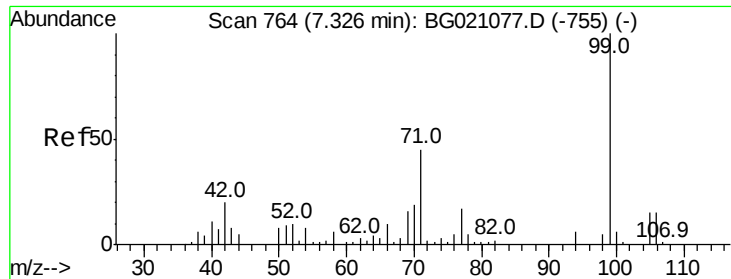
2-Fluorophenol
Concen: 157.21 ng
RT: 5.72 min Scan# 491
Delta R.T. -0.00 min
Lab File: BG021123.D
Acq: 27 Feb 2016 20:21

Tgt Ion:112 Resp: 59284
Ion Ratio Lower Upper
112 100
64 70.8 42.6 63.8#
63 39.9 21.7 32.5#



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: 167.21 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG021123.D

Acq: 27 Feb 2016 20:21

Instrument :

BNA_G

ClientSampleId :

CEB-4(12-14)20160223

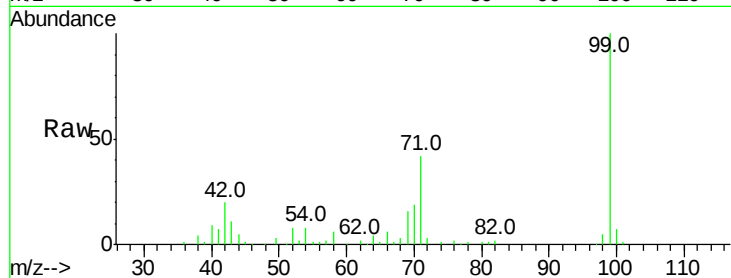
Tot Ion: 99 Resp: 93832

Ion Ratio Lower Upper

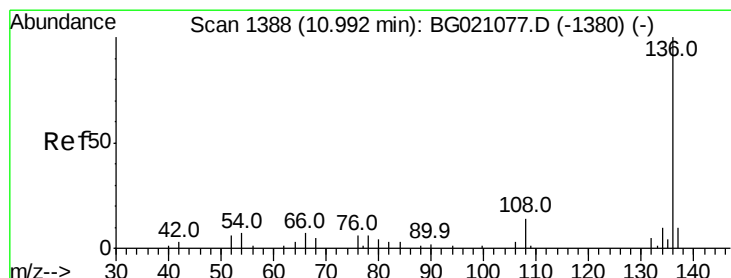
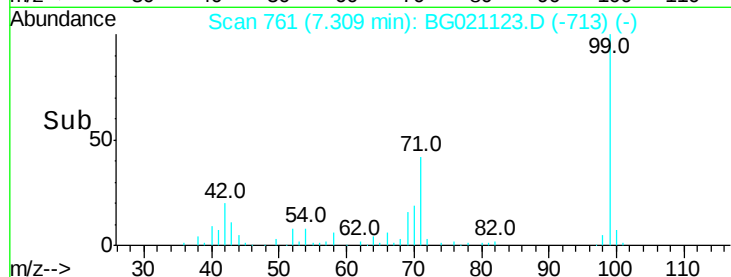
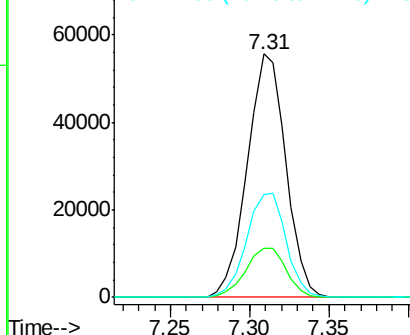
99 100

42 20.1 13.2 19.8#

71 42.2 25.2 37.8#



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# 1385

Delta R.T. -0.02 min

Lab File: BG021123.D

Acq: 27 Feb 2016 20:21

Tgt Ion: 136 Resp: 30136

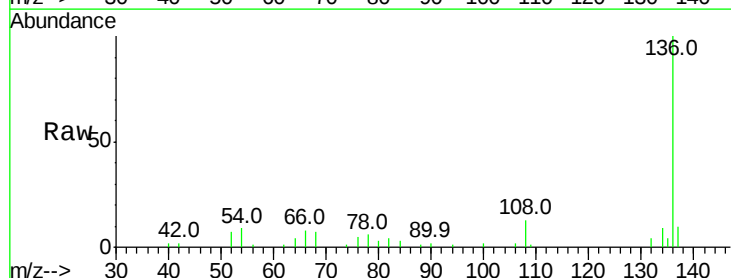
Ion Ratio Lower Upper

136 100

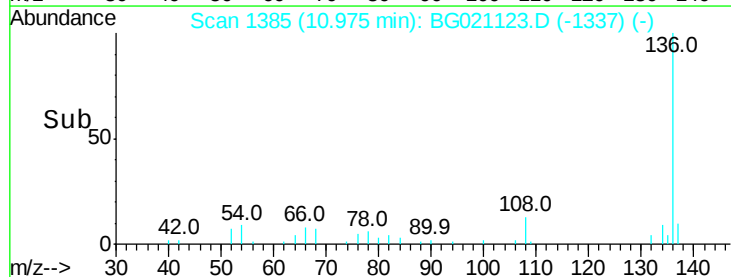
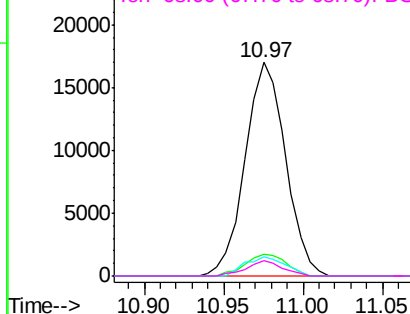
137 9.9 8.8 13.2

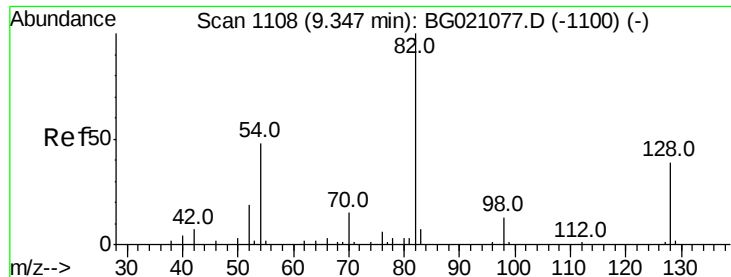
54 8.9 6.9 10.3

68 7.0 5.8 8.6



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

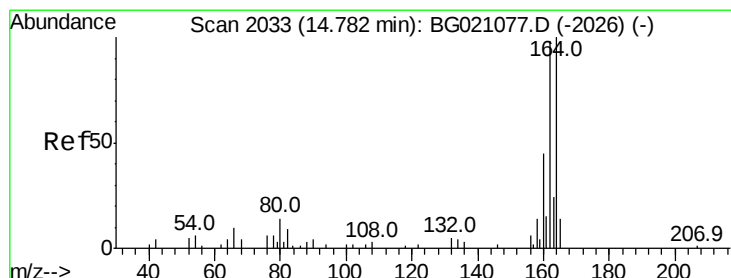
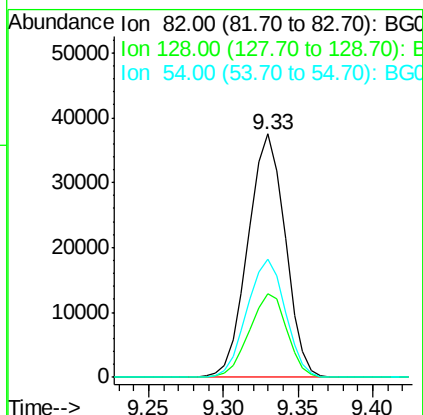
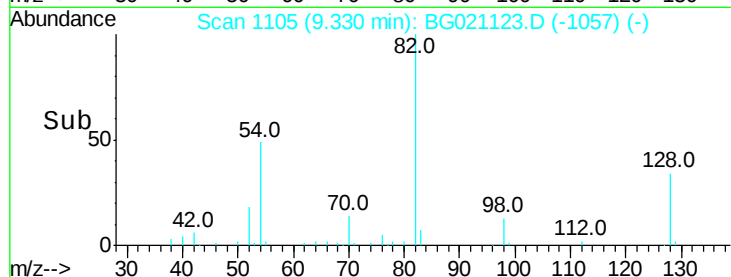
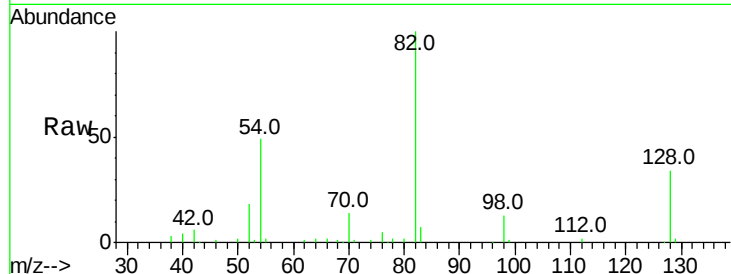




#23
 Nitrobenzene-d5
 Concen: 102.16 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BG021123.D
 Acq: 27 Feb 2016 20:21

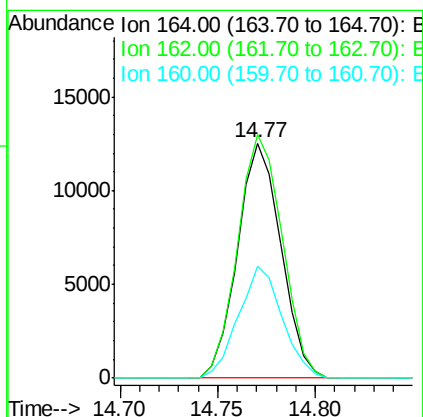
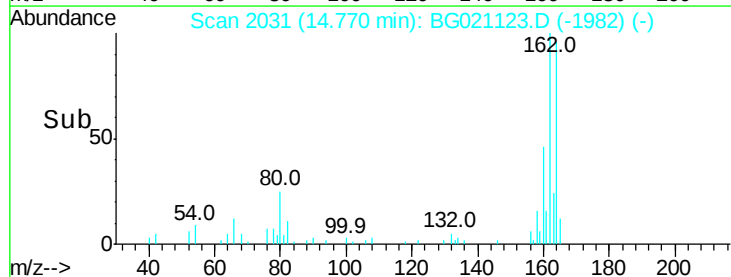
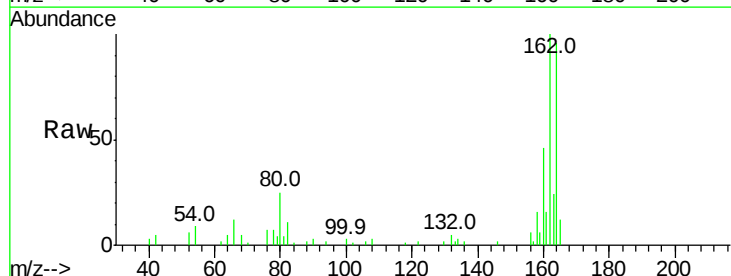
Instrument :
 BNA_G
 ClientSampleId :
 CEB-4(12-14)20160223

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.1	36.3	54.5#
54	48.7	37.6	56.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG021123.D
 Acq: 27 Feb 2016 20:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.6	120.8
160	47.5	36.5	54.7

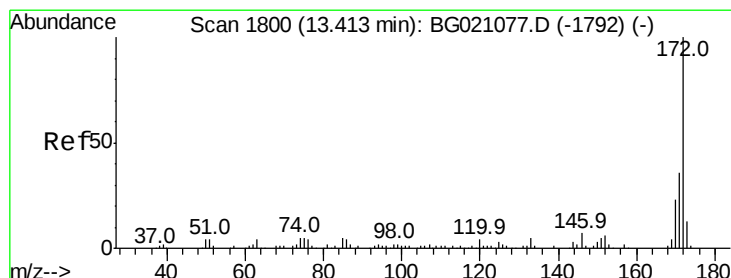
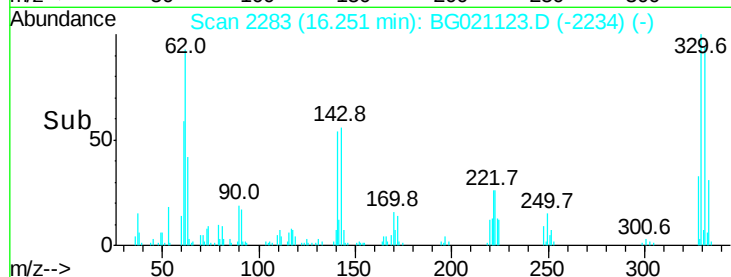
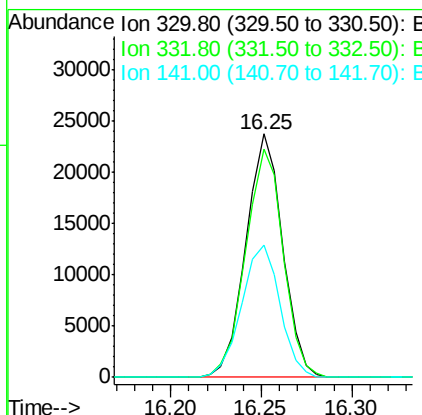
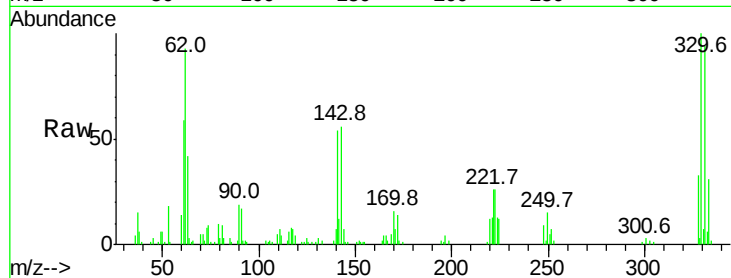




#41
 2,4,6-Tribromophenol
 Concen: 132.16 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG021123.D
 Acq: 27 Feb 2016 20:21

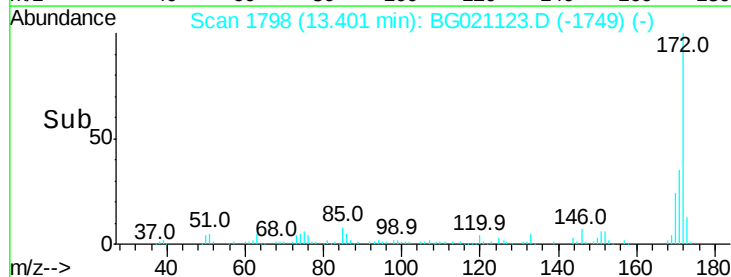
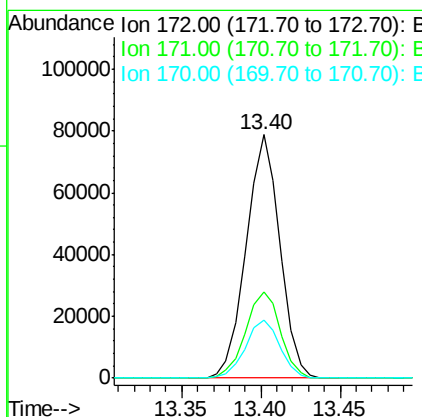
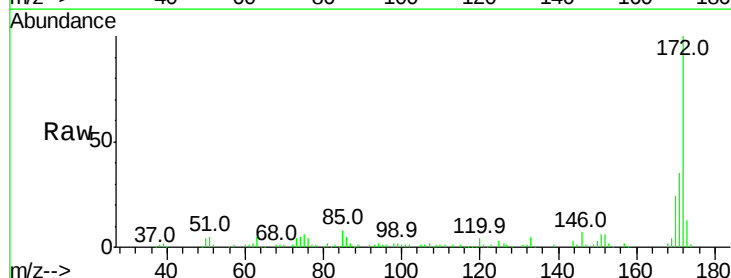
Instrument :
 BNA_G
 ClientSampleId :
 CEB-4(12-14)20160223

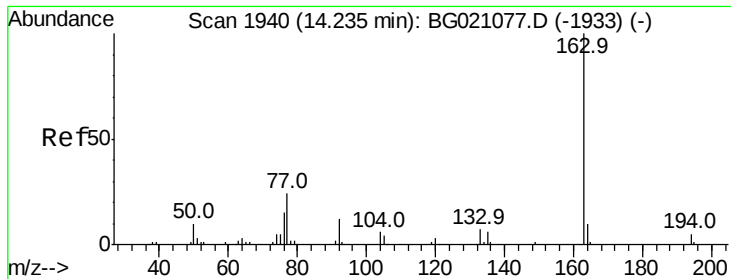
Tot Ion:330 Resp: 33375
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.0
 141 56.6 35.3 52.9#



#44
 2-Fluorobiphenyl
 Concen: 77.06 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021123.D
 Acq: 27 Feb 2016 20:21

Tgt Ion:172 Resp: 115985
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 23.9 19.8 29.8





#49

Dimethylphthalate

Concen: 15.71 ng

RT: 14.22 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG021123.D

Acq: 27 Feb 2016 20:21

Instrument :

BNA_G

ClientSampleId :

CEB-4(12-14)20160223

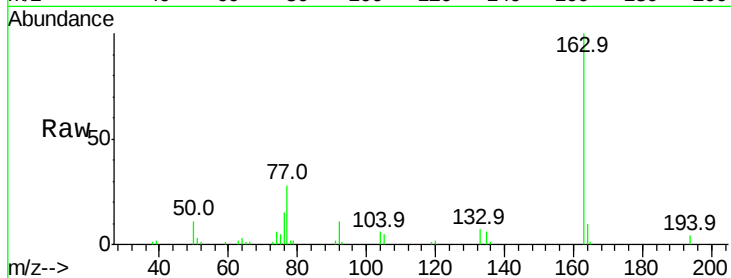
Tot Ion:163 Resp: 26078

Ion Ratio Lower Upper

163 100

194 4.5 2.8 4.2#

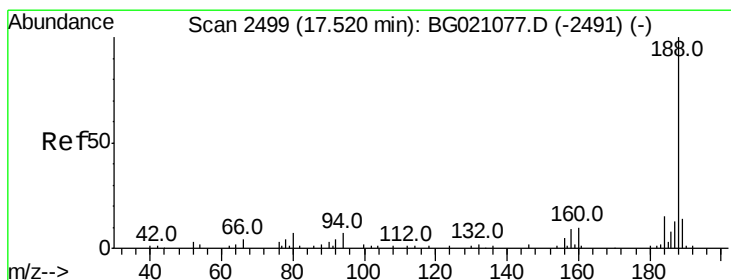
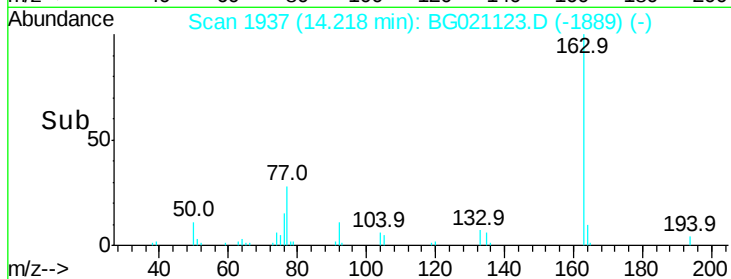
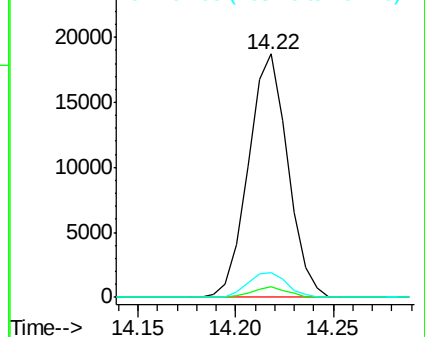
164 10.3 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.51 min Scan# 2497

Delta R.T. -0.01 min

Lab File: BG021123.D

Acq: 27 Feb 2016 20:21

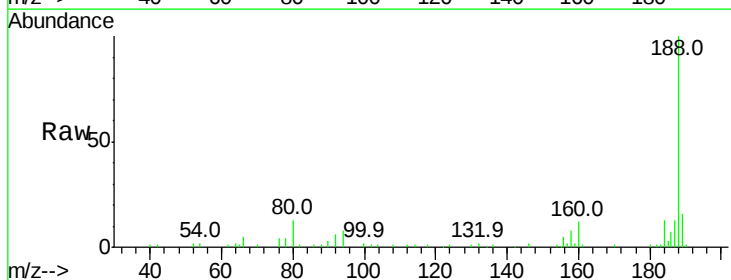
Tgt Ion:188 Resp: 51503

Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.4#

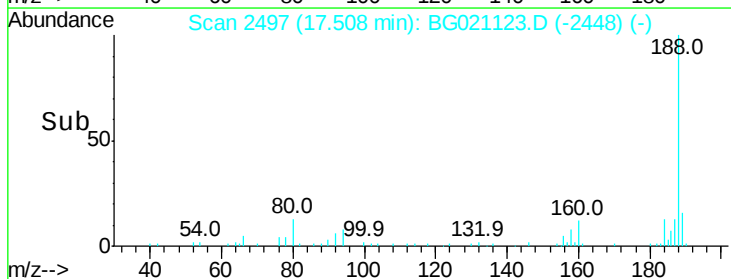
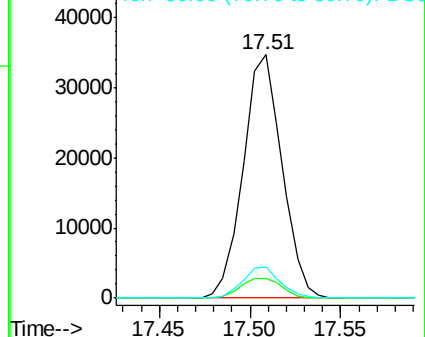
80 13.0 9.2 13.8

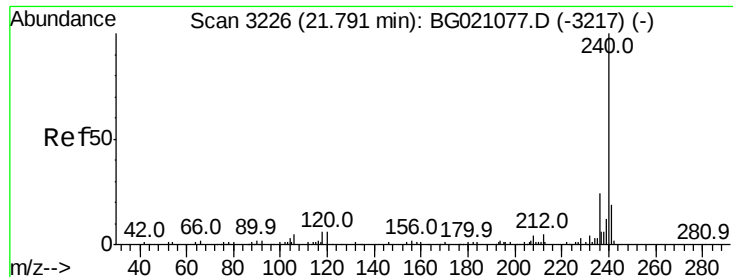


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

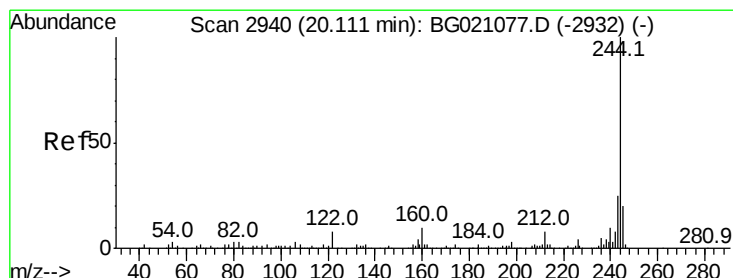
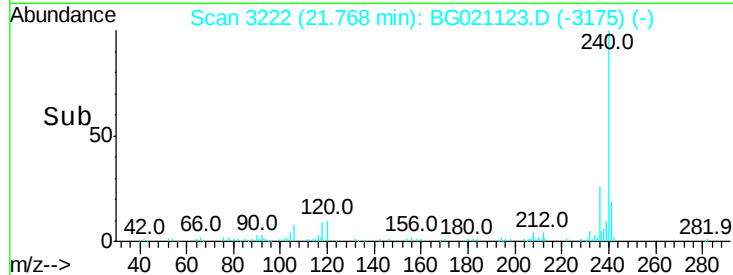
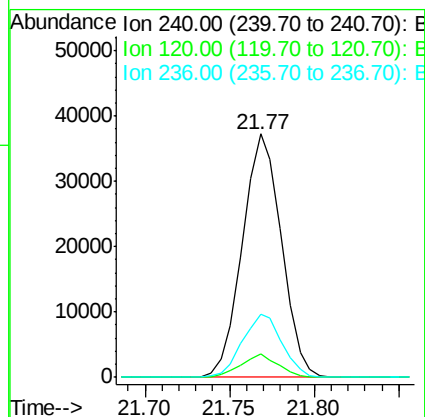
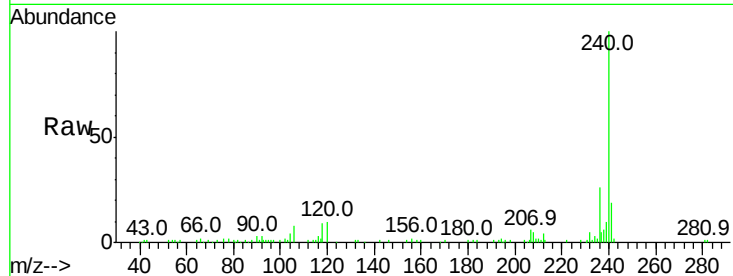




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.02 min
Lab File: BG021123.D
Acq: 27 Feb 2016 20:21

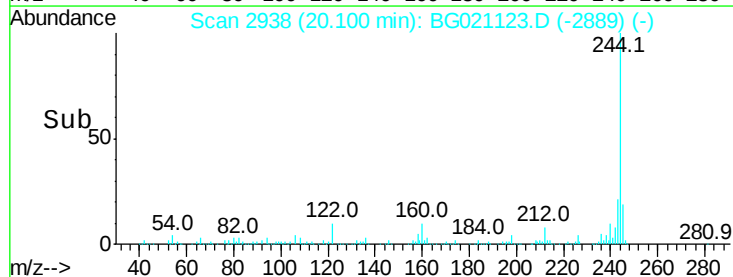
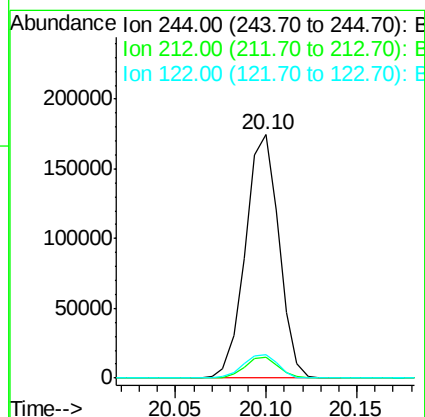
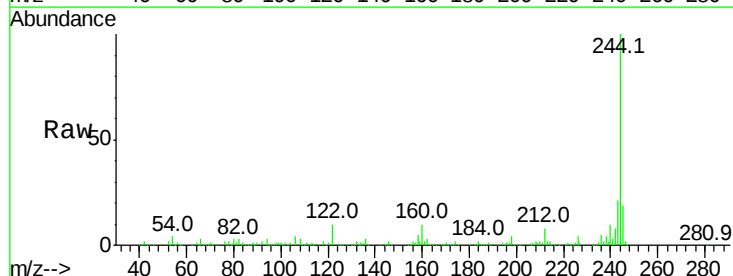
Instrument :
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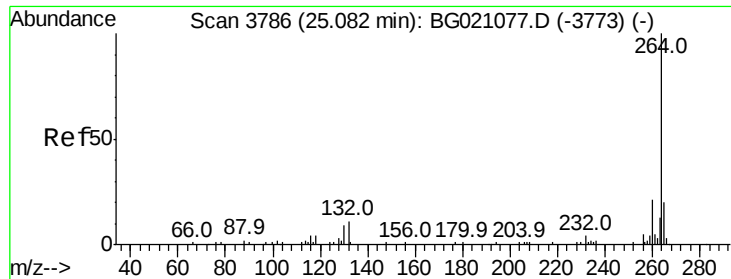
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.5	11.3
236	26.1	20.5	30.7



#78
Terphenyl-d14
Concen: 87.96 ng
RT: 20.10 min Scan# 2938
Delta R.T. -0.01 min
Lab File: BG021123.D
Acq: 27 Feb 2016 20:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.6
122	9.8	8.3	12.5

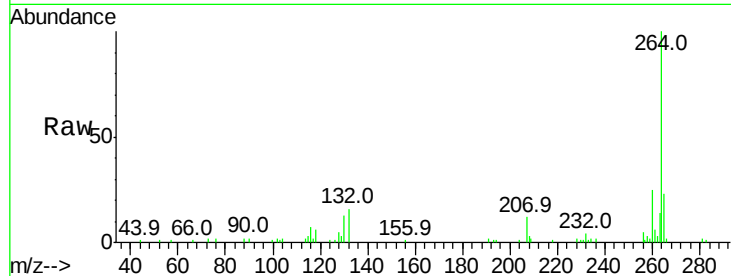




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.05 min Scan# 3781
 Delta R.T. -0.03 min
 Lab File: BG021123.D
 Acq: 27 Feb 2016 20:21

Instrument :
 BNA_G
 ClientSampleId :
 CEB-4(12-14)20160223

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.5	27.7
265	22.7	18.6	28.0



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

