

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022583.D
 Acq On : 25 Jun 2016 20:46
 Operator : UM/SJ
 Sample : PB91573TB
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91573TB

Quant Time: Jun 26 06:48:42 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

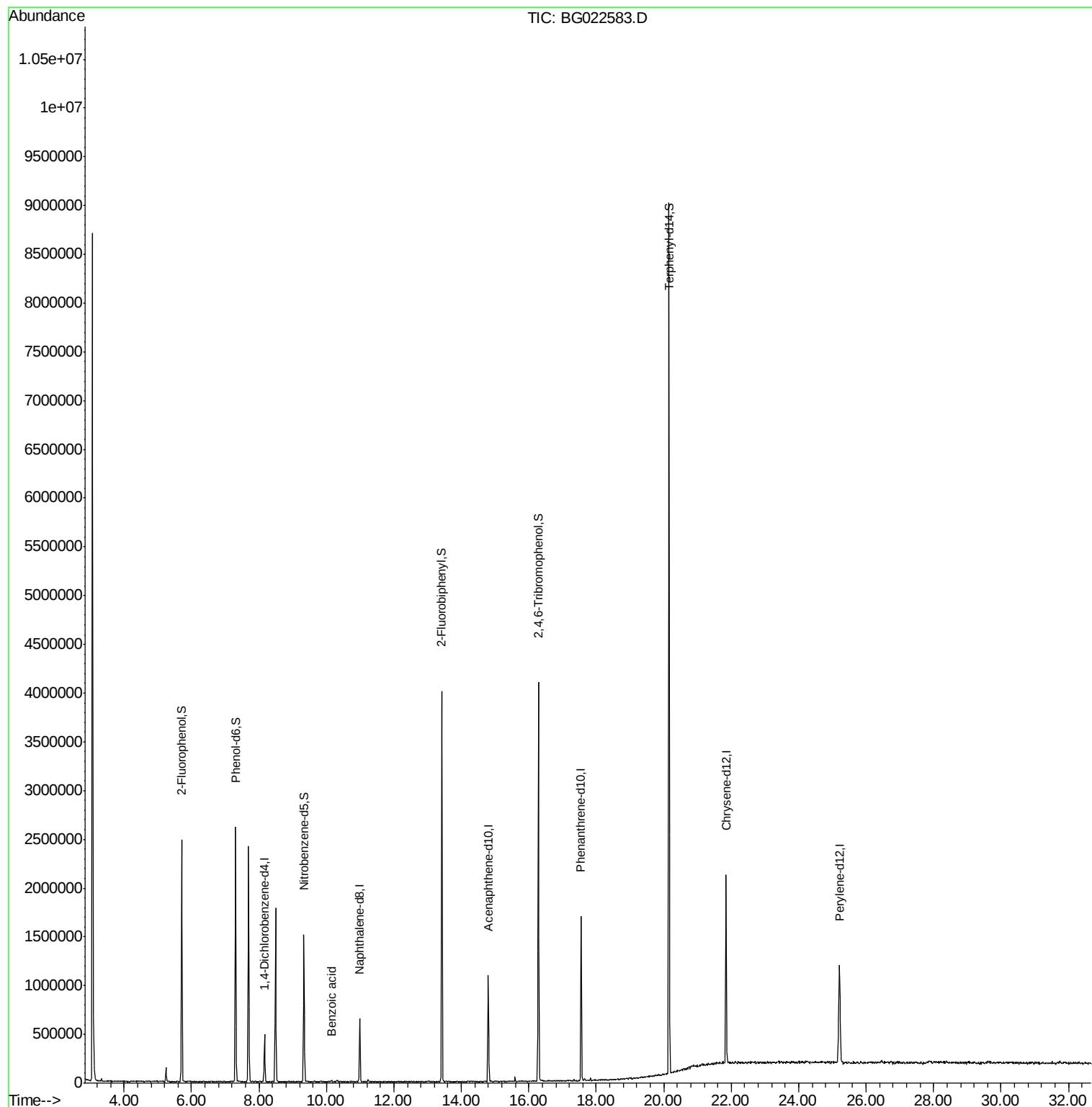
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	125010	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	519762	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	376264	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1017379	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1211165	20.00	ng	0.00
86) Perylene-d12	25.21	264	1216952	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	977161	125.37	ng	0.00
7) Phenol-d6	7.31	99	1412885	128.61	ng	0.00
23) Nitrobenzene-d5	9.33	82	977877	79.63	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	762524	128.85	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1877529	79.13	ng	0.00
78) Terphenyl-d14	20.16	244	3074981	67.26	ng	0.00
Target Compounds						
32) Benzoic acid	10.18	122	71	5.12	ng	Qvalue # 1

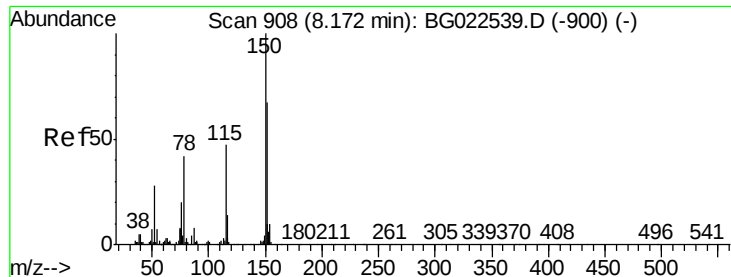
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022583.D

Acq: 25 Jun 2016 20:46

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PB91573TB

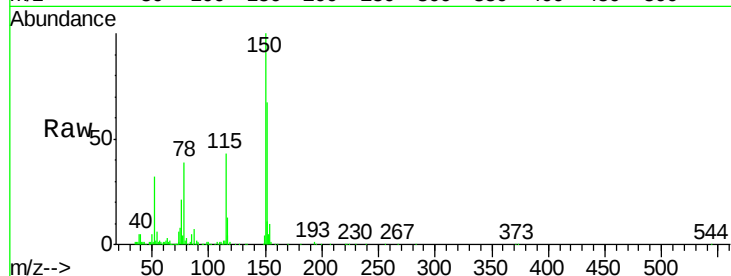
Tgt Ion:152 Resp: 125010

Ion Ratio Lower Upper

152 100

150 149.0 144.7 217.1

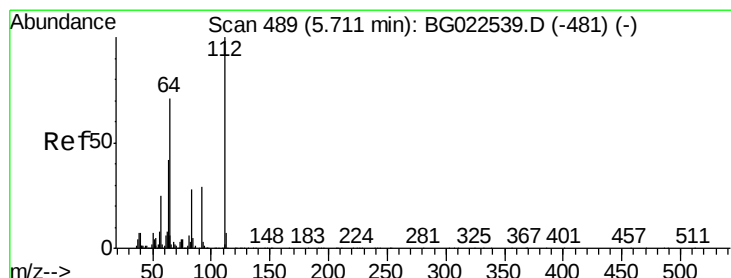
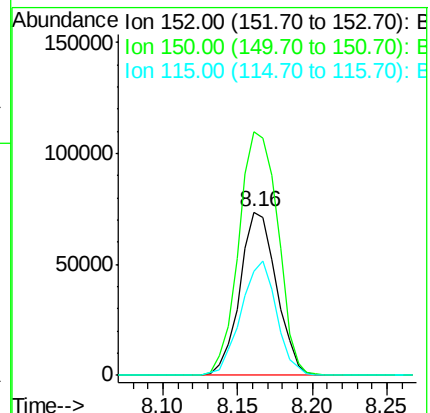
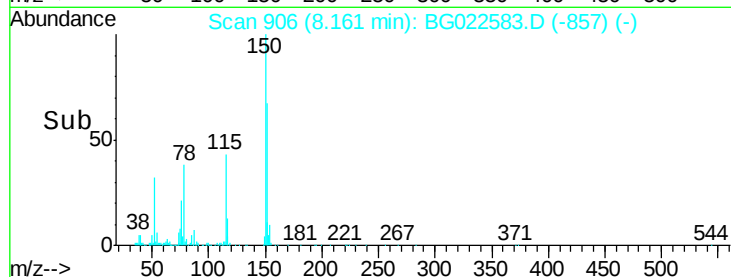
115 63.6 64.0 96.0#



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: 125.37 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022583.D

Acq: 25 Jun 2016 20:46

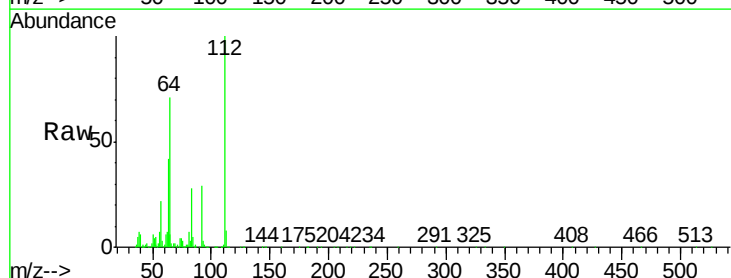
Tgt Ion:112 Resp: 977161

Ion Ratio Lower Upper

112 100

64 71.4 59.0 88.4

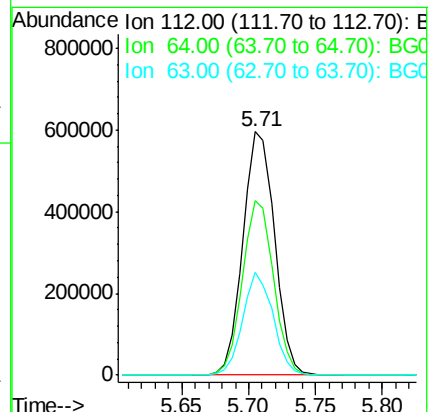
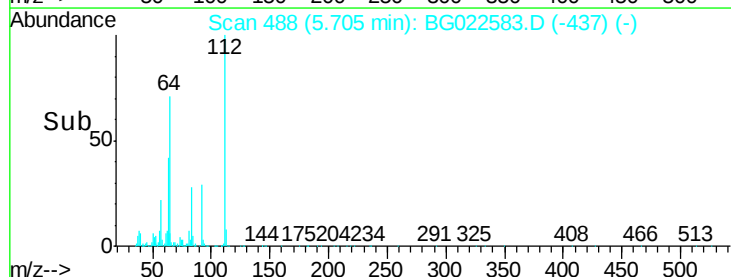
63 42.3 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 128.61 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022583.D

Acq: 25 Jun 2016 20:46

Instrument :

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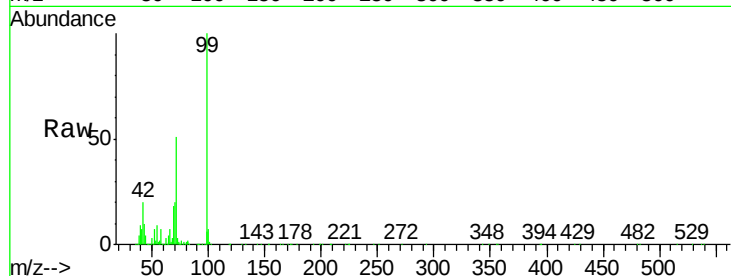
Tgt Ion: 99 Resp: 1412885

Ion Ratio Lower Upper

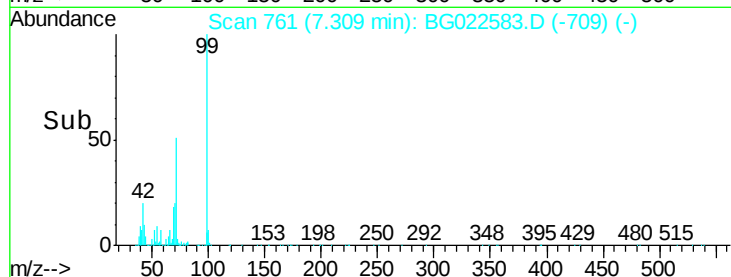
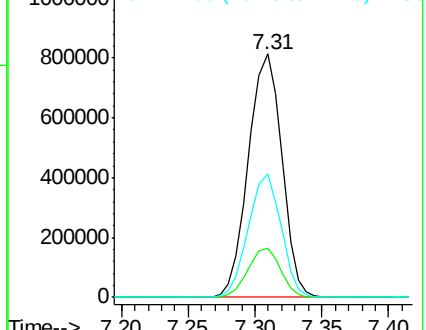
99 100

42 19.9 17.8 26.6

71 50.5 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: BG022583.D

Acq: 25 Jun 2016 20:46

Tgt Ion: 136 Resp: 519762

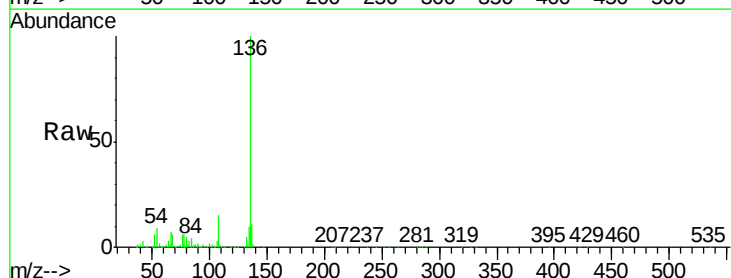
Ion Ratio Lower Upper

136 100

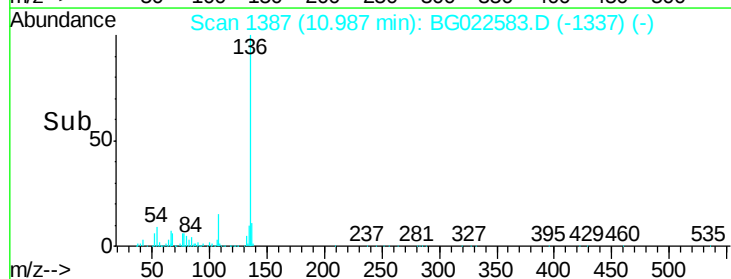
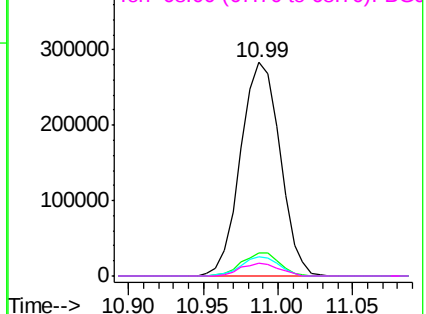
137 10.6 9.6 14.4

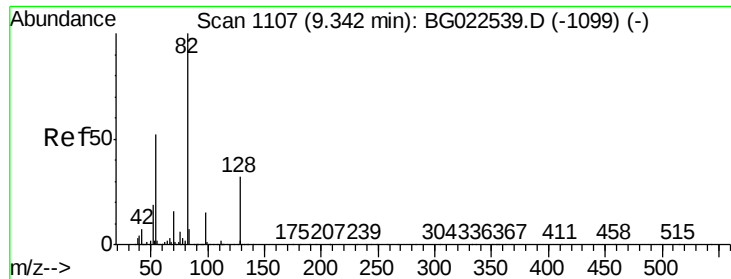
54 9.2 7.3 10.9

68 5.8 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

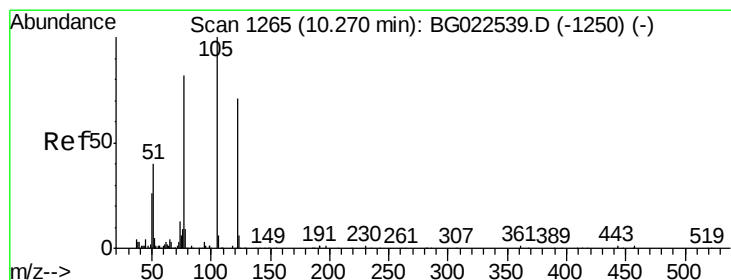
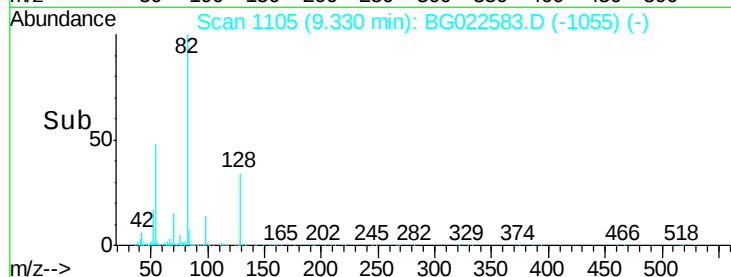
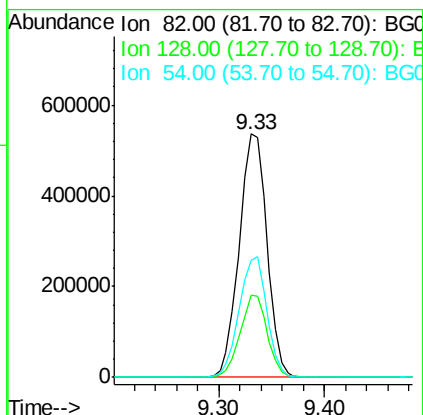
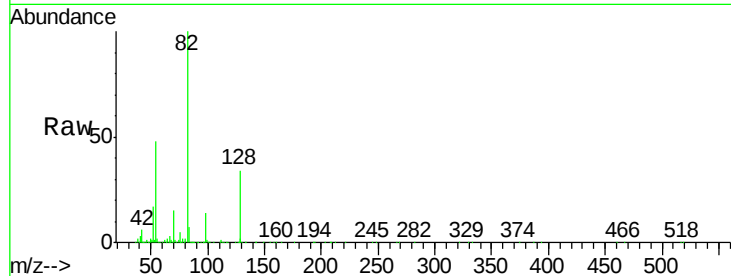




#23
Nitrobenzene-d5
Concen: 79.63 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022583.D
Acq: 25 Jun 2016 20:46

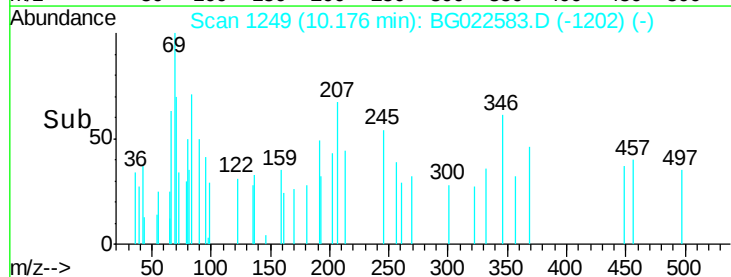
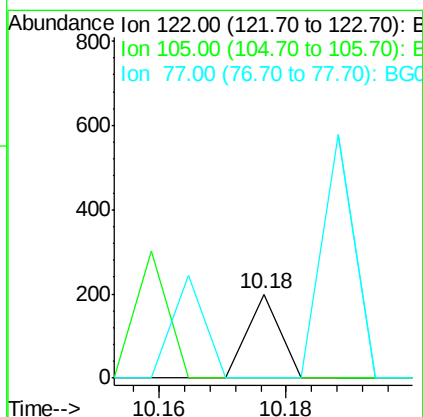
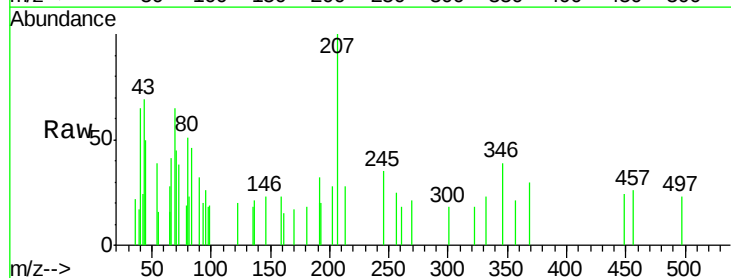
Instrument :
BNA_G
ClientSampleId :
PB91573TB

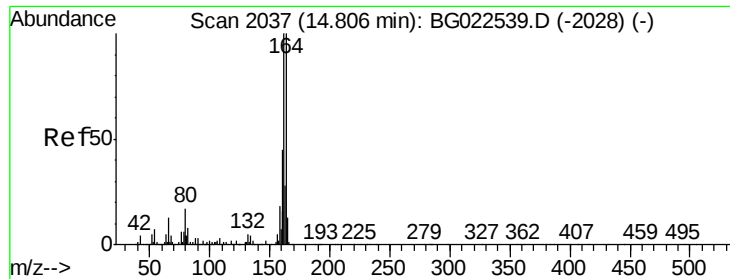
Tgt Ion: 82 Resp: 977877
Ion Ratio Lower Upper
82 100
128 33.7 24.4 36.6
54 48.2 41.4 62.0



#32
Benzoic acid
Concen: 5.12 ng
RT: 10.18 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BG022583.D
Acq: 25 Jun 2016 20:46

Tgt Ion: 122 Resp: 71
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 0.0 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG022583.D

Acq: 25 Jun 2016 20:46

Instrument :

BNA_G

ClientSampleId :

PB91573TB

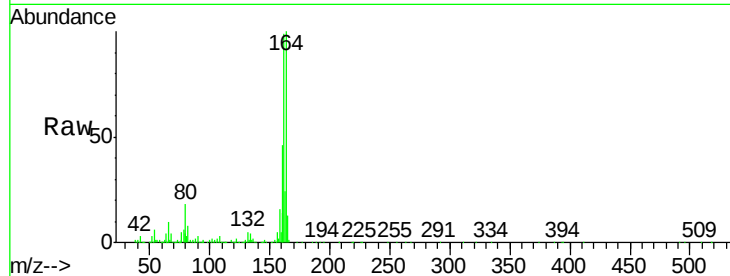
Tgt Ion:164 Resp: 376264

Ion Ratio Lower Upper

164 100

162 98.5 87.7 131.5

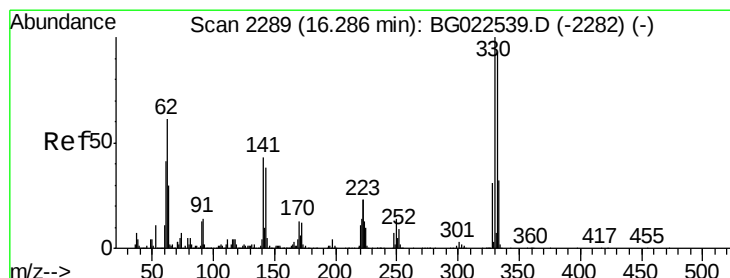
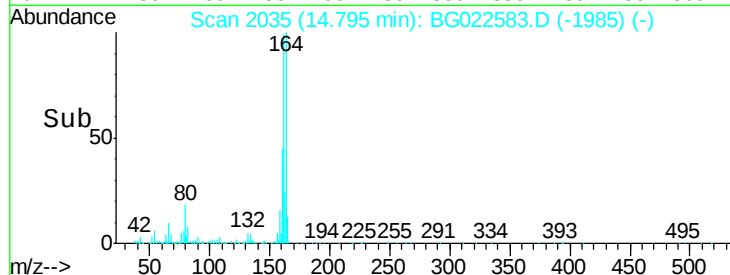
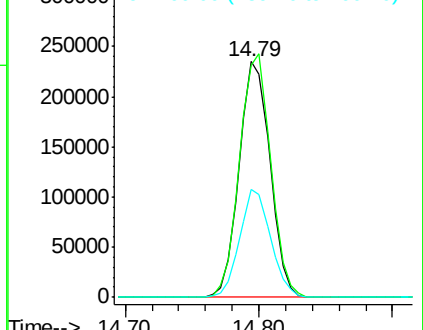
160 45.6 37.2 55.8



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: 128.85 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG022583.D

Acq: 25 Jun 2016 20:46

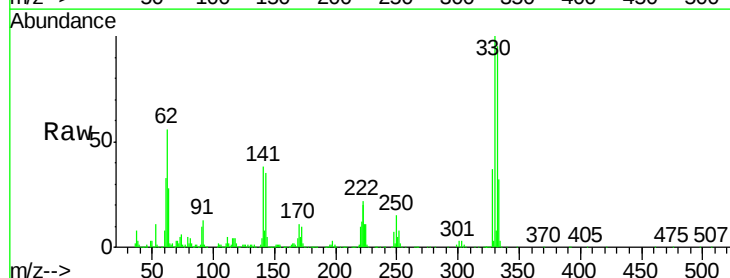
Tgt Ion:330 Resp: 762524

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

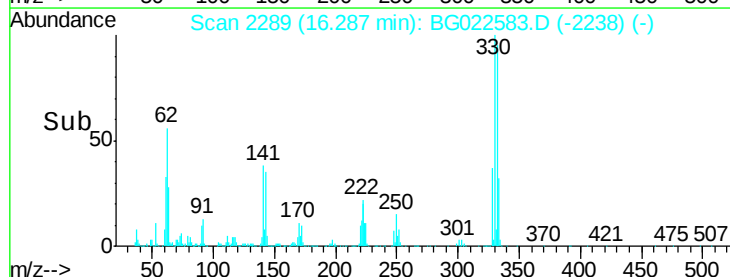
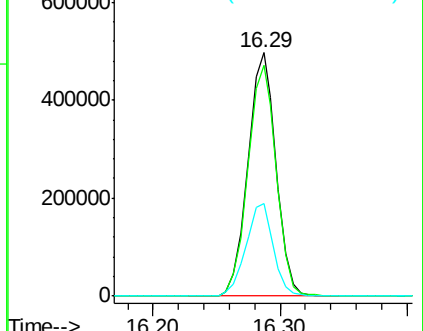
141 37.4 31.7 47.5

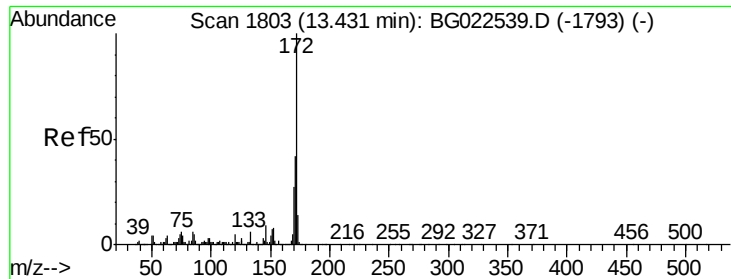


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

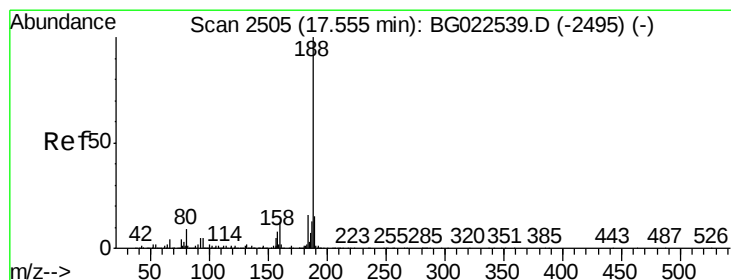
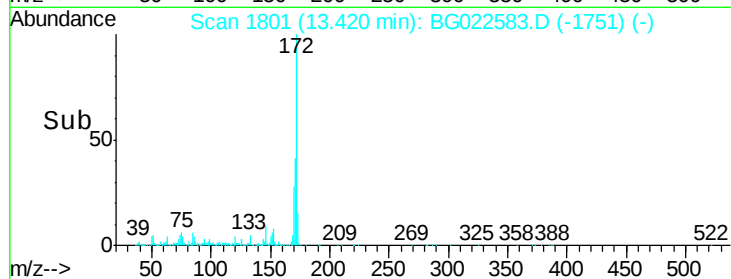
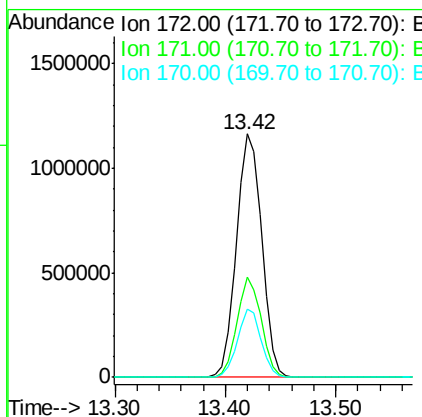
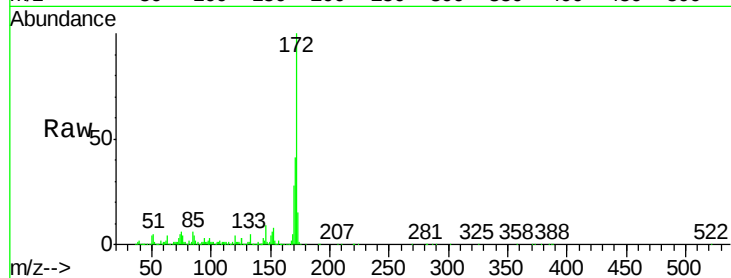




#44
2-Fluorobiphenyl
Concen: 79.13 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022583.D
Acq: 25 Jun 2016 20:46

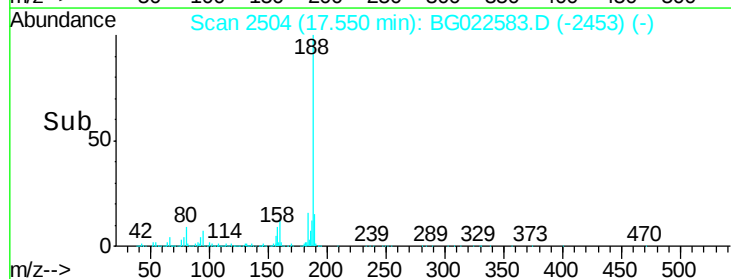
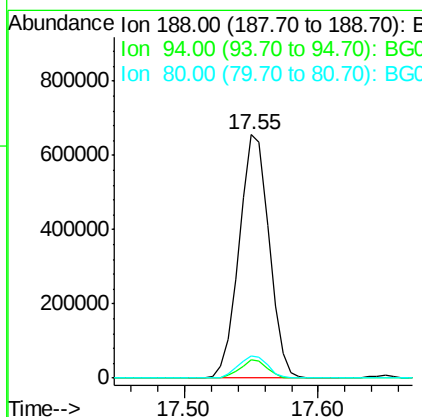
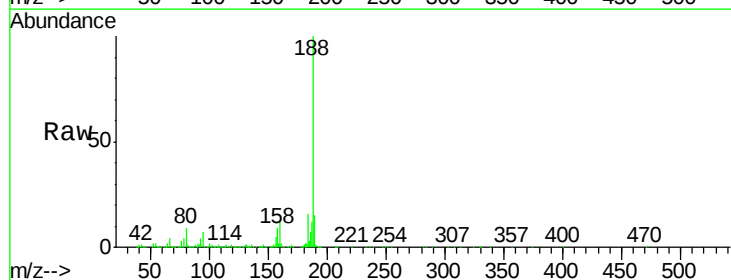
Instrument :
BNA_G
ClientSampleId :
PB91573TB

Tgt Ion:172 Resp: 1877529
Ion Ratio Lower Upper
172 100
171 41.1 31.6 47.4
170 28.0 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BG022583.D
Acq: 25 Jun 2016 20:46

Tgt Ion:188 Resp: 1017379
Ion Ratio Lower Upper
188 100
94 7.4 5.2 7.8
80 9.2 7.2 10.8

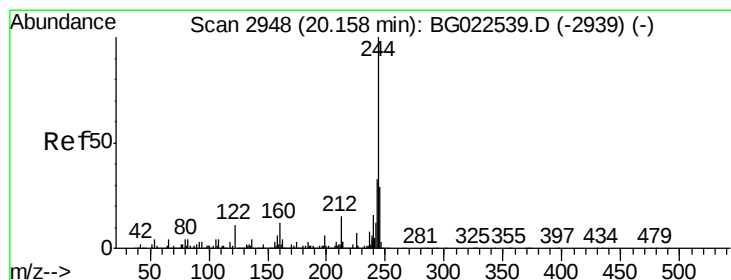
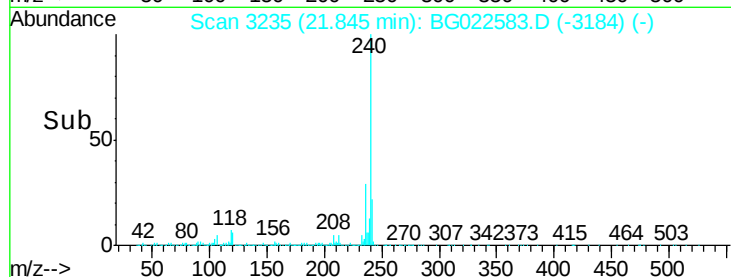
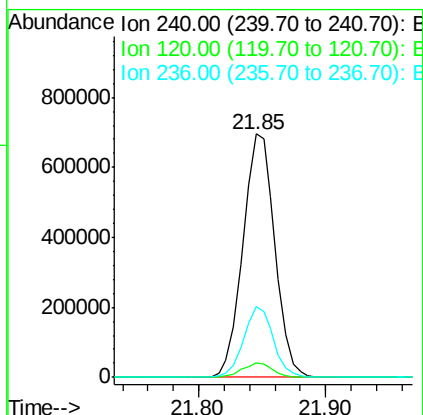
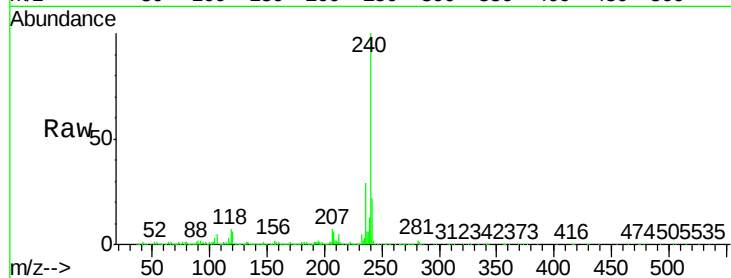




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022583.D
Acq: 25 Jun 2016 20:46

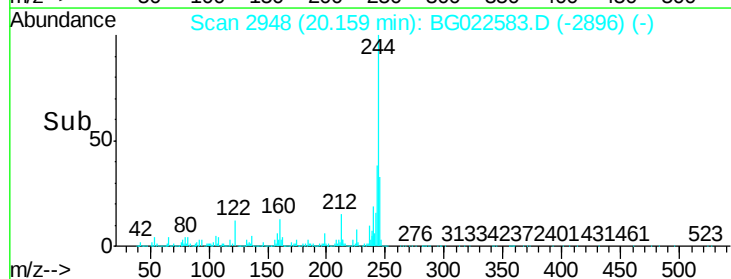
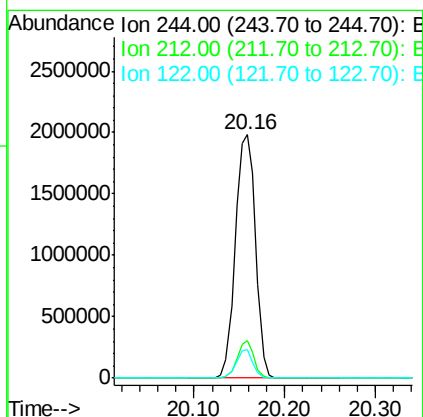
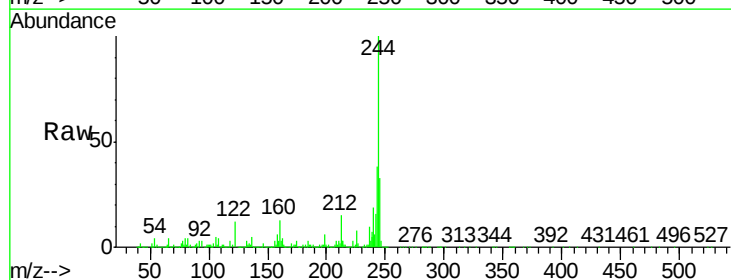
Instrument :
BNA_G
ClientSampleId :
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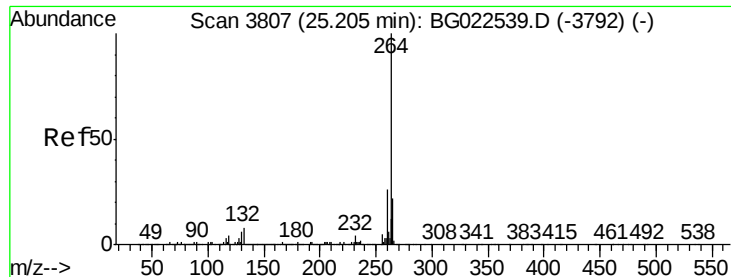
Tgt Ion:240 Resp: 1211165
Ion Ratio Lower Upper
240 100
120 5.8 4.1 6.1
236 29.1 21.1 31.7



#78
Terphenyl-d14
Concen: 67.26 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG022583.D
Acq: 25 Jun 2016 20:46

Tgt Ion:244 Resp: 3074981
Ion Ratio Lower Upper
244 100
212 15.5 10.8 16.2
122 11.9 8.0 12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. -0.00 min
Lab File: BG022583.D
Acq: 25 Jun 2016 20:46

Instrument :
BNA_G
ClientSampleId :
PB91573TB

Tgt Ion: 264 Resp: 1216952

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	21.0	18.9	28.3

