

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022560.D
 Acq On : 25 Jun 2016 5:27
 Operator : UM/SJ
 Sample : H3633-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB

Quant Time: Jun 25 07:05:03 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

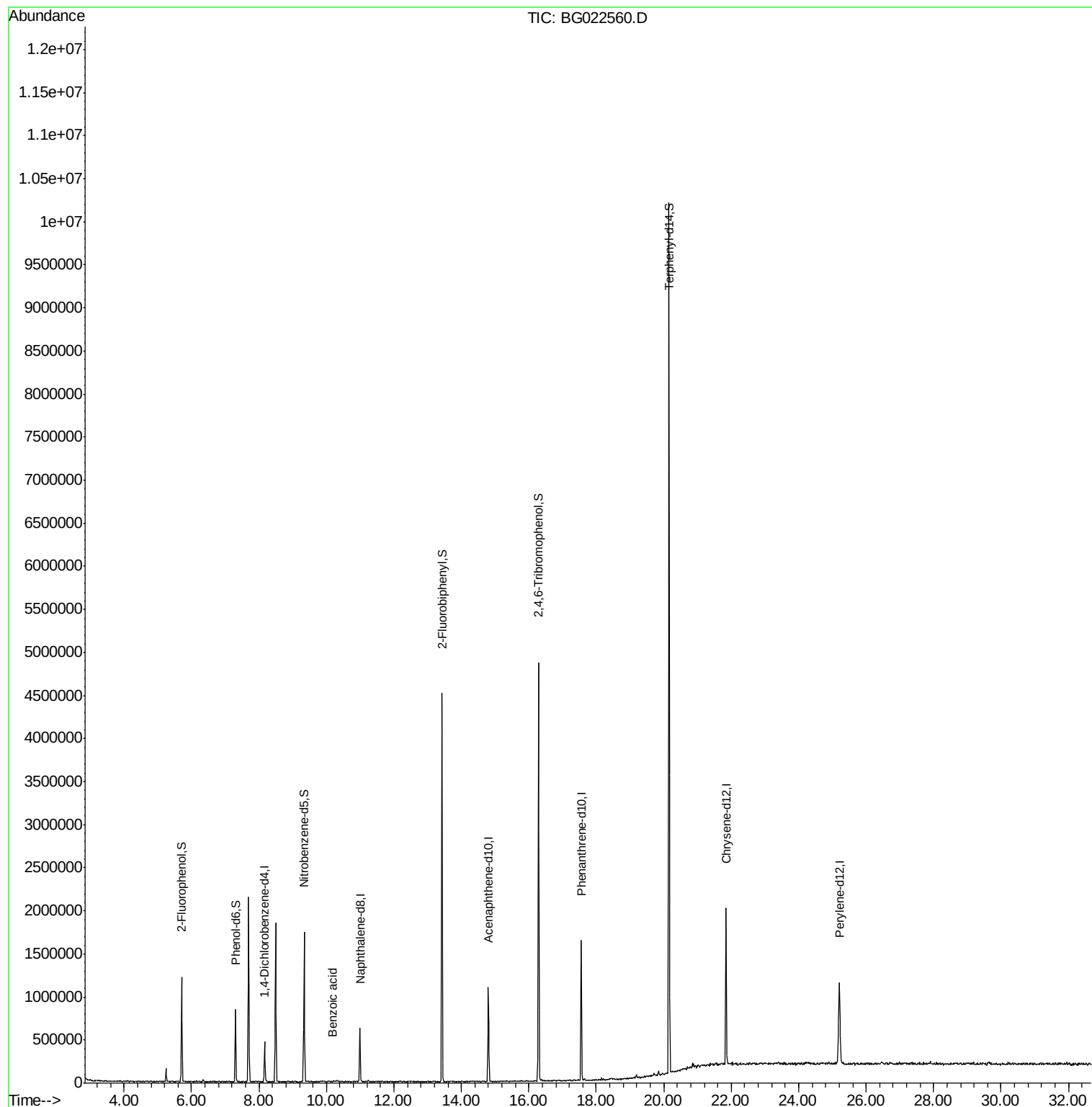
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	119554	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	500385	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	359266	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	974034	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1116378	20.00	ng	0.00
86) Perylene-d12	25.21	264	1133691	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	474593	63.67	ng	0.00
7) Phenol-d6	7.30	99	454217	43.23	ng	0.00
23) Nitrobenzene-d5	9.34	82	1069372	90.45	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	865942	153.24	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2087492	92.15	ng	0.00
78) Terphenyl-d14	20.16	244	3315345	78.68	ng	0.00
Target Compounds						
32) Benzoic acid	10.19	122	60	5.12	ng	Qvalue # 45

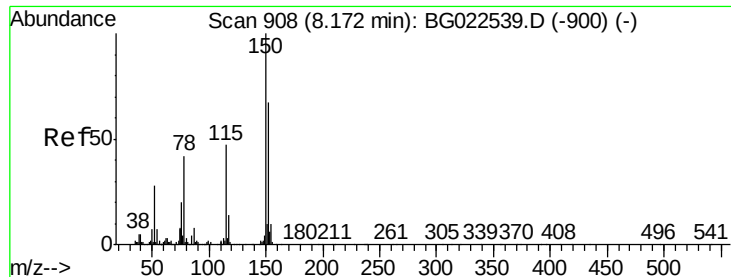
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022560.D

Acq: 25 Jun 2016 5:27

Instrument :

BNA_G

ClientSampleId :

FB

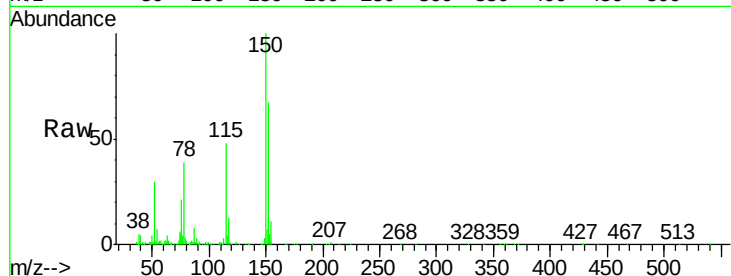
Tgt Ion:152 Resp: 119554

Ion Ratio Lower Upper

152 100

150 149.4 144.7 217.1

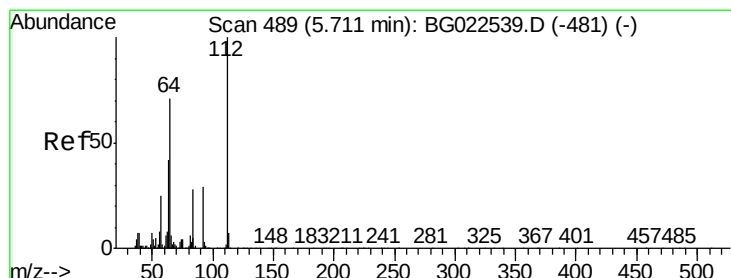
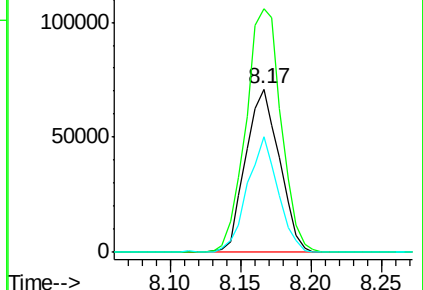
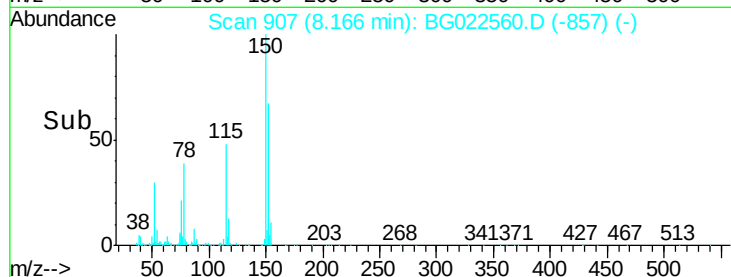
115 71.1 64.0 96.0



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: 63.67 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022560.D

Acq: 25 Jun 2016 5:27

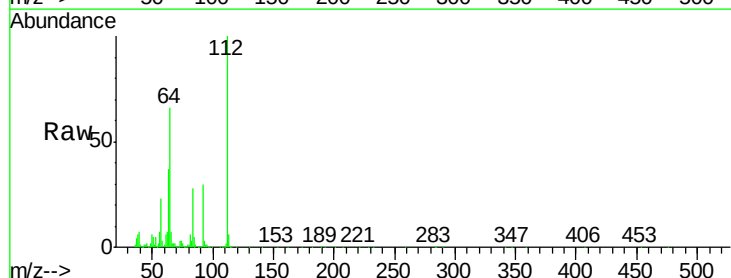
Tgt Ion:112 Resp: 474593

Ion Ratio Lower Upper

112 100

64 66.4 59.0 88.4

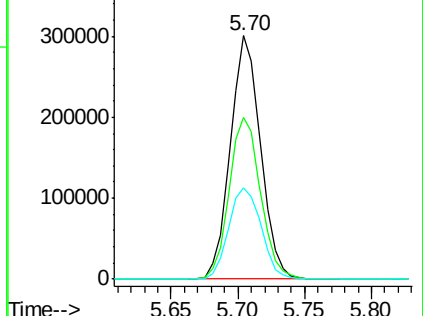
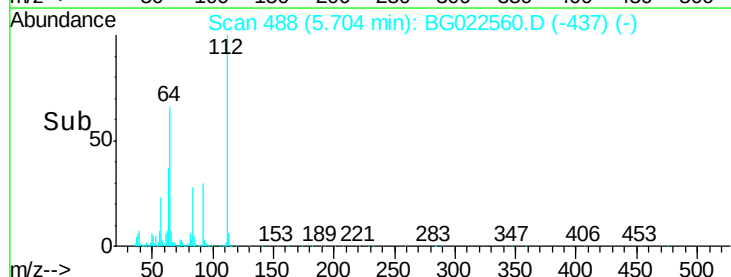
63 37.2 37.8 56.8#

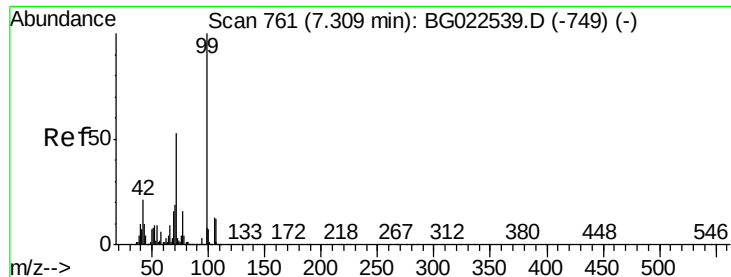


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 43.23 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022560.D

Acq: 25 Jun 2016 5:27

Instrument :

BNA_G

ClientSampleId :

FB

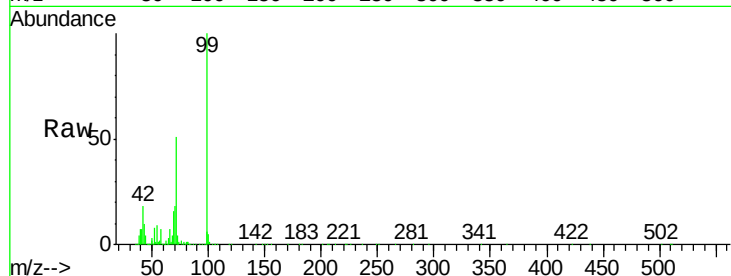
Tgt Ion: 99 Resp: 454217

Ion Ratio Lower Upper

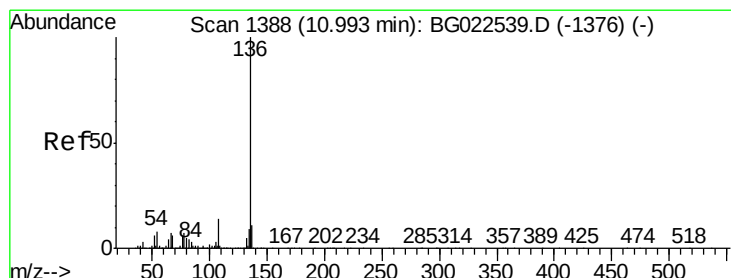
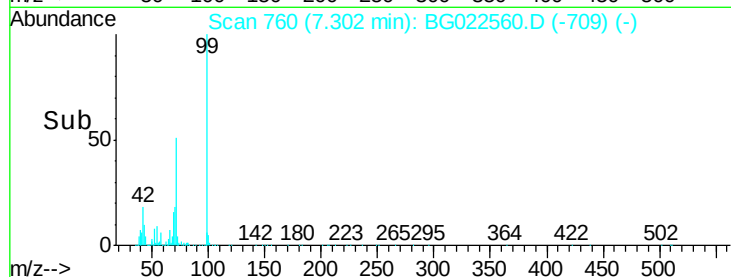
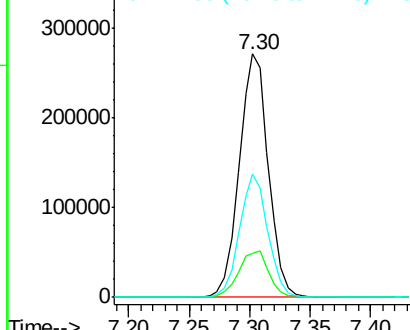
99 100

42 18.1 17.8 26.6

71 50.8 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: BG022560.D

Acq: 25 Jun 2016 5:27

Tgt Ion: 136 Resp: 500385

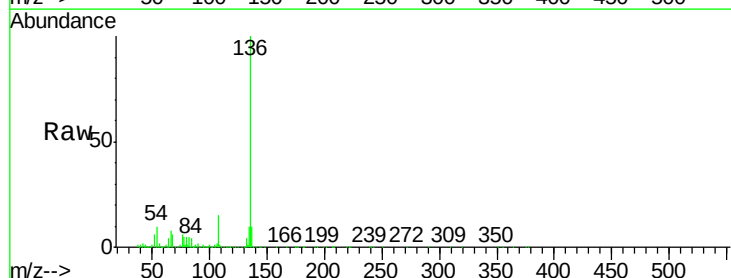
Ion Ratio Lower Upper

136 100

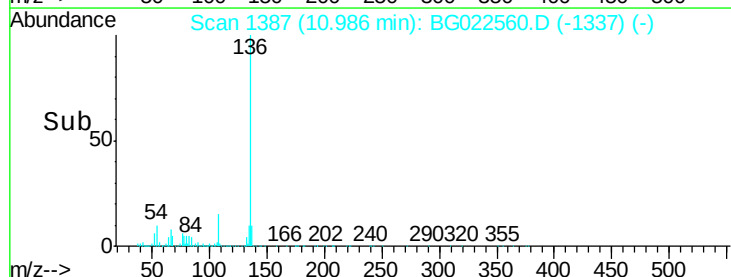
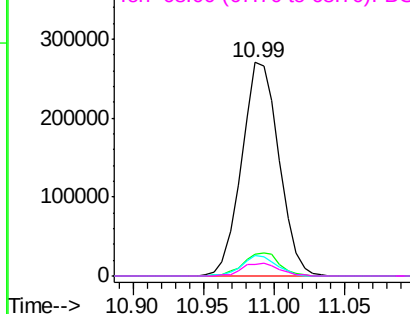
137 10.2 9.6 14.4

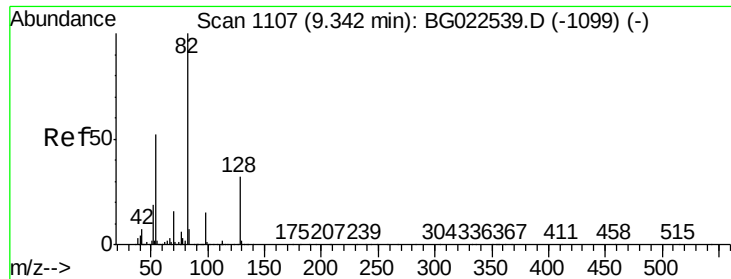
54 9.9 7.3 10.9

68 5.6 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

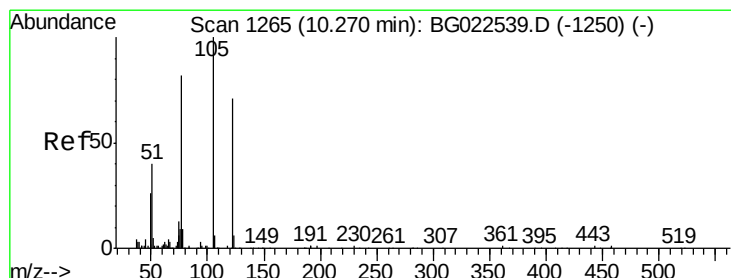
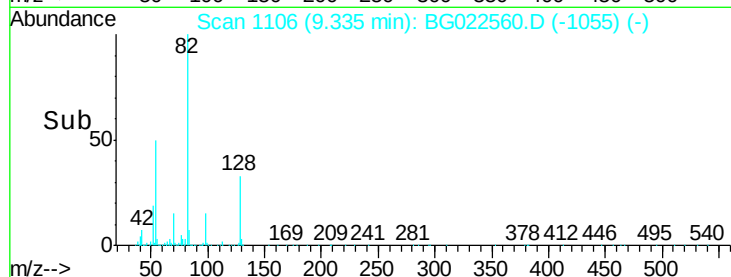
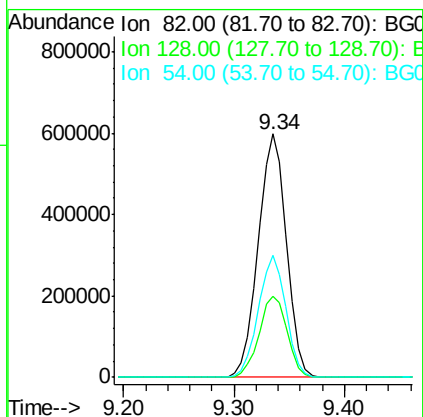
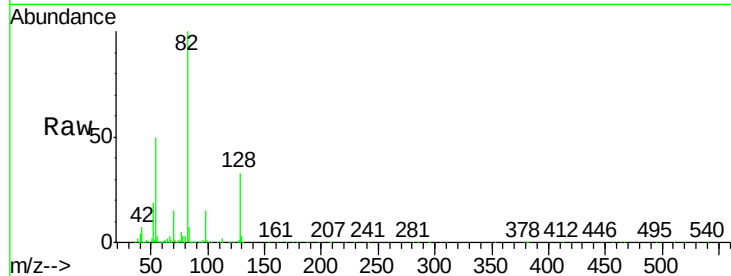




#23
Nitrobenzene-d5
Concen: 90.45 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG022560.D
Acq: 25 Jun 2016 5:27

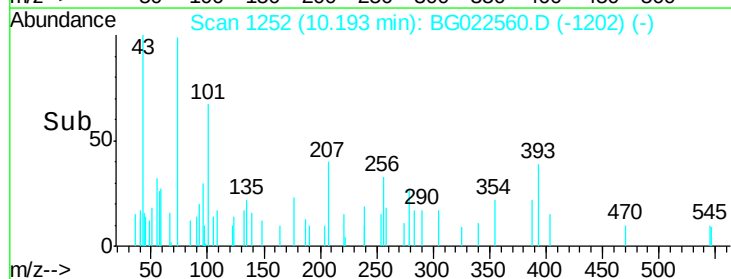
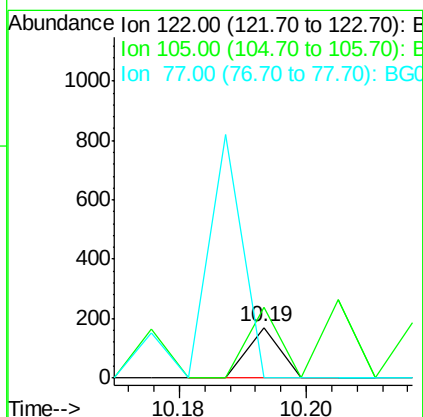
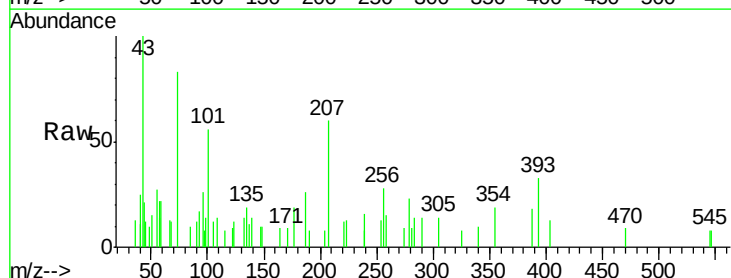
Instrument :
BNA_G
ClientSampleId :
FB

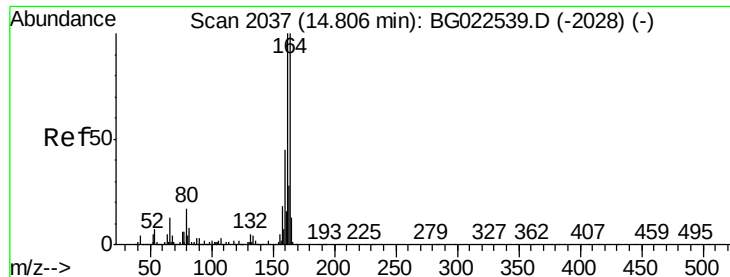
Tgt Ion: 82 Resp: 1069372
Ion Ratio Lower Upper
82 100
128 33.1 24.4 36.6
54 50.1 41.4 62.0



#32
Benzoic acid
Concen: 5.12 ng
RT: 10.19 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BG022560.D
Acq: 25 Jun 2016 5:27

Tgt Ion: 122 Resp: 60
Ion Ratio Lower Upper
122 100
105 139.8 117.2 157.2
77 0.0 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG022560.D

Acq: 25 Jun 2016 5:27

Instrument :

BNA_G

ClientSampleId :

FB

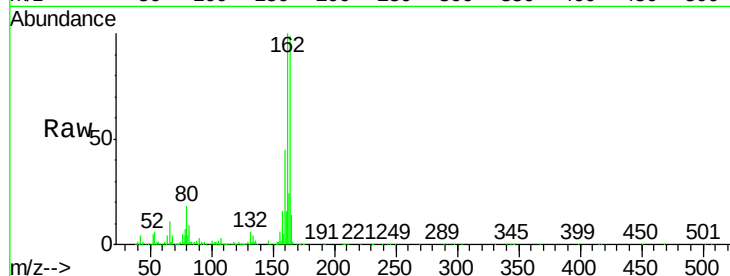
Tgt Ion:164 Resp: 359266

Ion Ratio Lower Upper

164 100

162 101.5 87.7 131.5

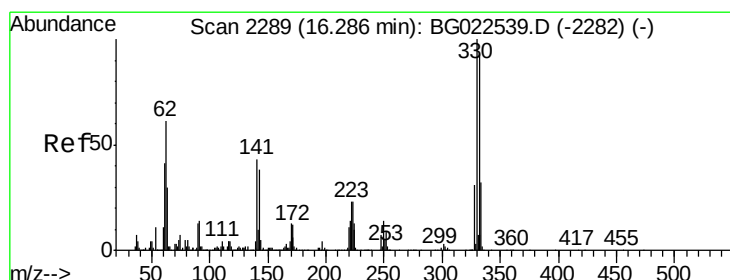
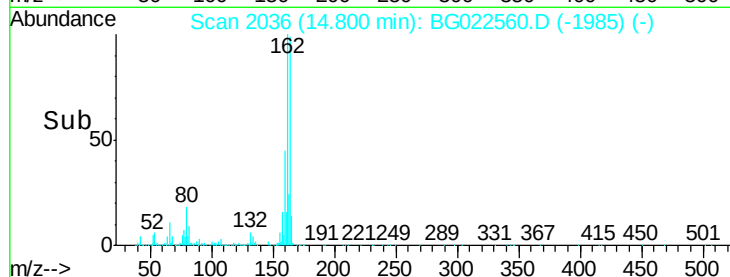
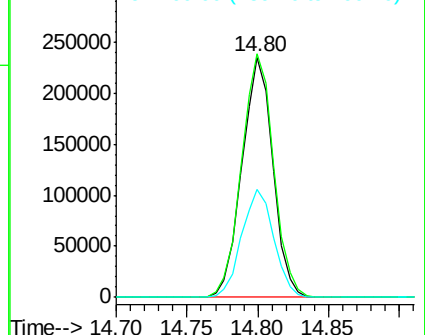
160 45.2 37.2 55.8



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: 153.24 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.00 min

Lab File: BG022560.D

Acq: 25 Jun 2016 5:27

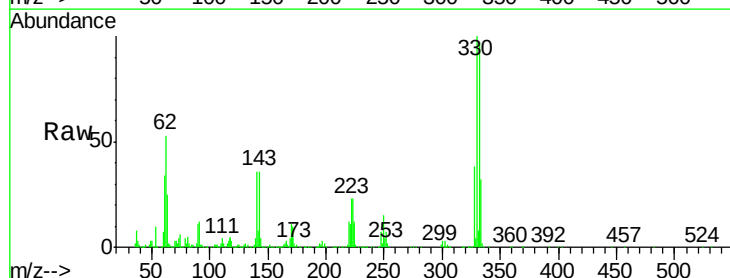
Tgt Ion:330 Resp: 865942

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

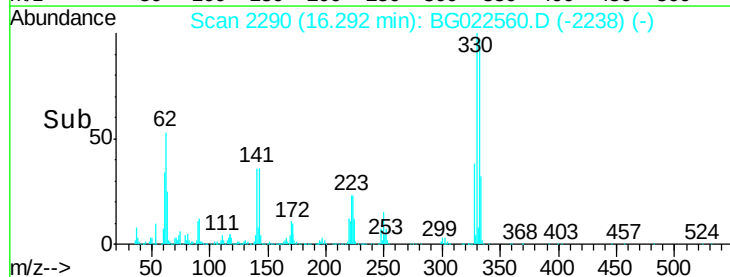
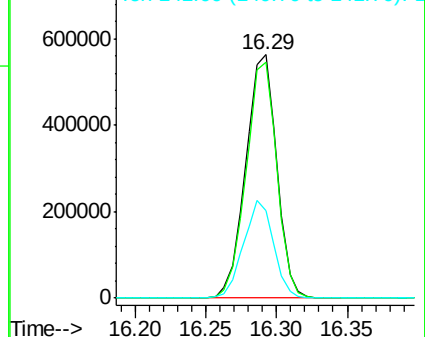
141 39.1 31.7 47.5

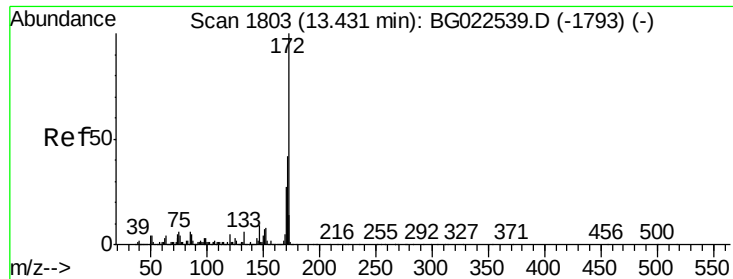


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

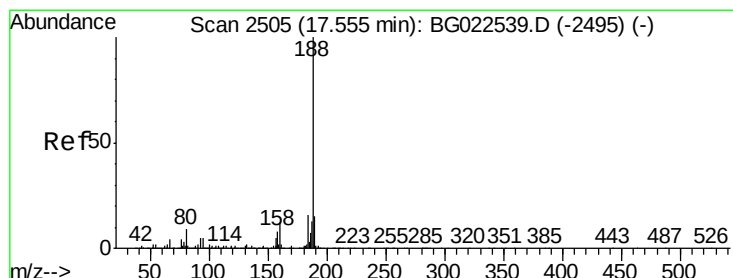
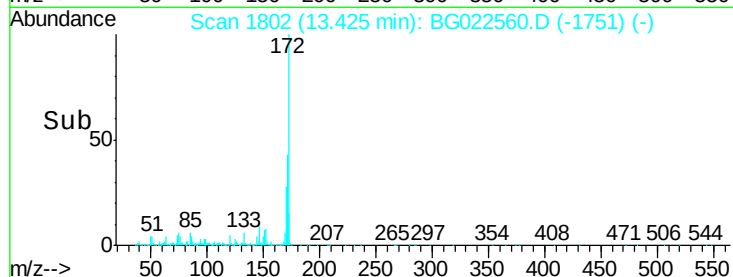
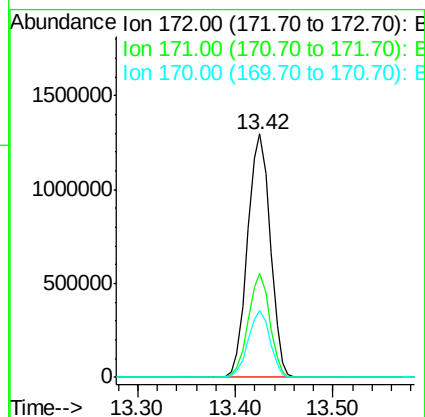
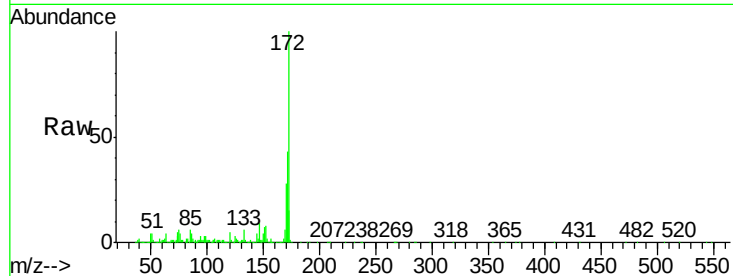




#44
2-Fluorobiphenyl
Concen: 92.15 ng
RT: 13.42 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG022560.D
Acq: 25 Jun 2016 5:27

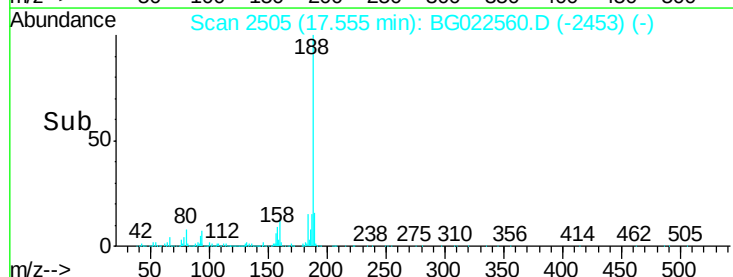
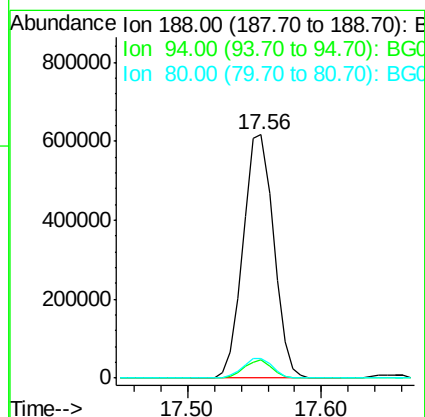
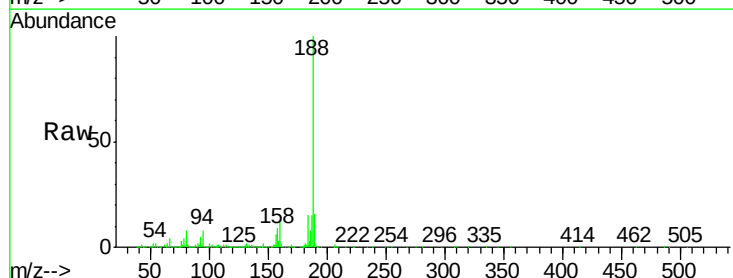
Instrument :
BNA_G
ClientSampleId :
FB

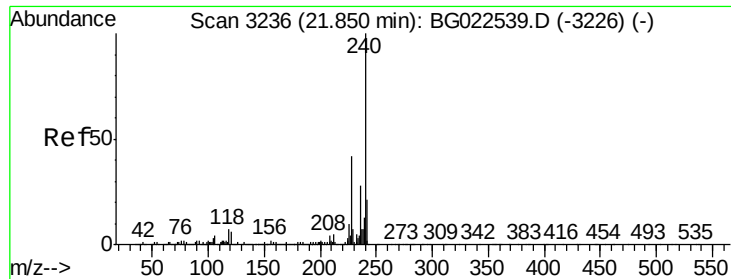
Tgt Ion:172 Resp: 2087492
Ion Ratio Lower Upper
172 100
171 42.6 31.6 47.4
170 27.5 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BG022560.D
Acq: 25 Jun 2016 5:27

Tgt Ion:188 Resp: 974034
Ion Ratio Lower Upper
188 100
94 7.5 5.2 7.8
80 8.3 7.2 10.8

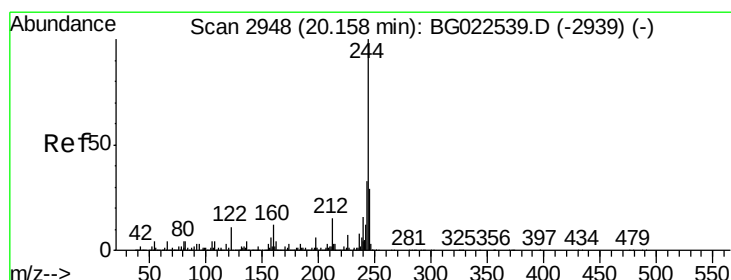
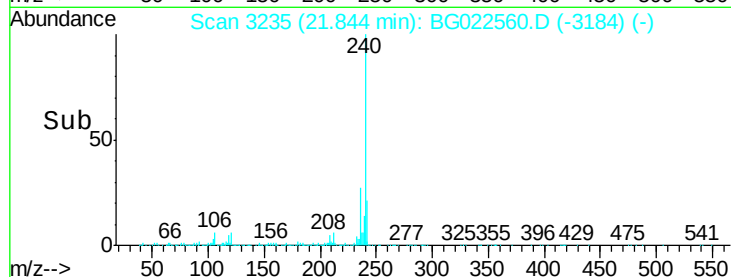
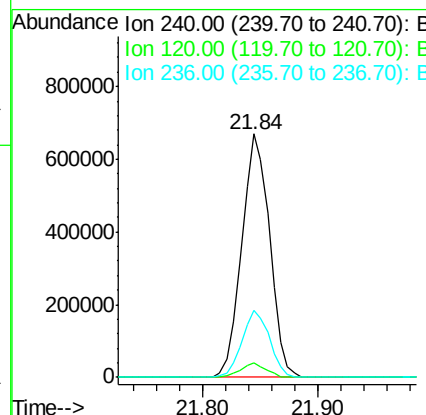
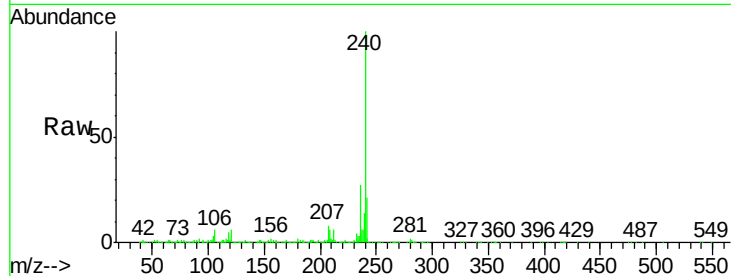




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.84 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: BG022560.D
 Acq: 25 Jun 2016 5:27

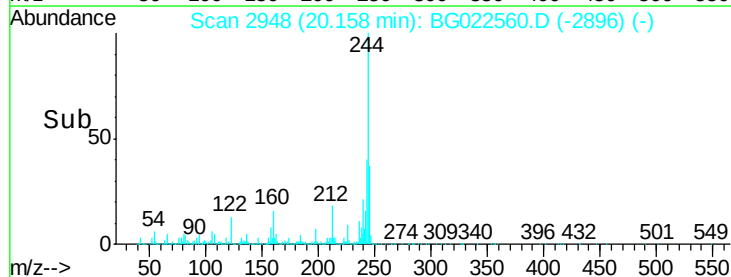
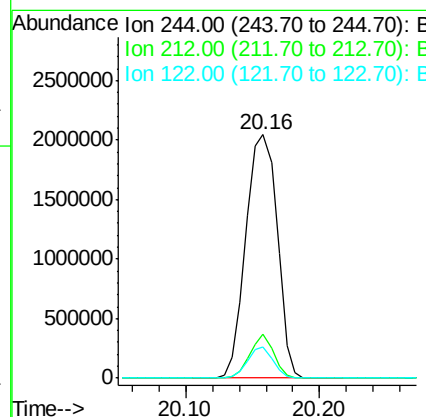
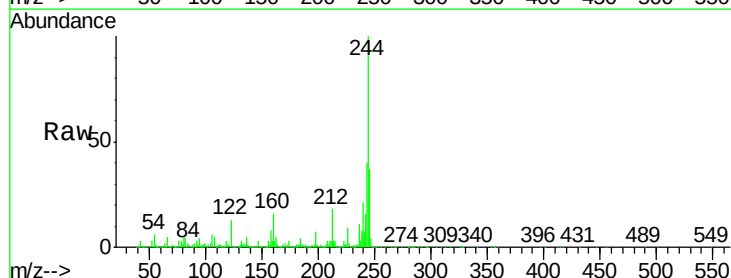
Instrument :
 BNA_G
 ClientSampleId :
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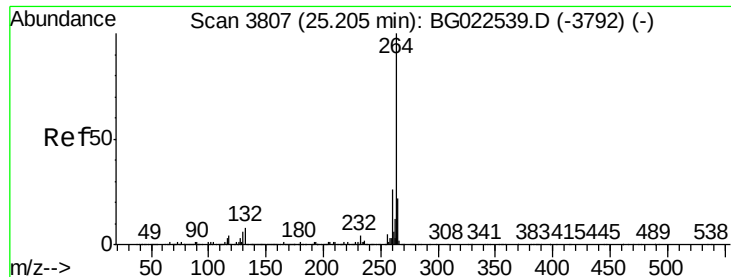
Tgt Ion:240 Resp: 1116378
 Ion Ratio Lower Upper
 240 100
 120 5.8 4.1 6.1
 236 27.3 21.1 31.7



#78
 Terphenyl-d14
 Concen: 78.68 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. 0.01 min
 Lab File: BG022560.D
 Acq: 25 Jun 2016 5:27

Tgt Ion:244 Resp: 3315345
 Ion Ratio Lower Upper
 244 100
 212 18.0 10.8 16.2#
 122 12.9 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: BG022560.D
Acq: 25 Jun 2016 5:27

Instrument :
BNA_G
ClientSampleId :
FB

Tgt Ion: 264 Resp: 1133691

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.4	27.6
265	22.8	18.9	28.3

