

Data Path : Z:\HPCHEM1\BNA_G\Data\BG062916\
 Data File : BG022718.D
 Acq On : 30 Jun 2016 8:38
 Operator : UM/SJ
 Sample : H3789-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 54THST-FB1-6-22-16

Quant Time: Jun 30 14:11:04 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

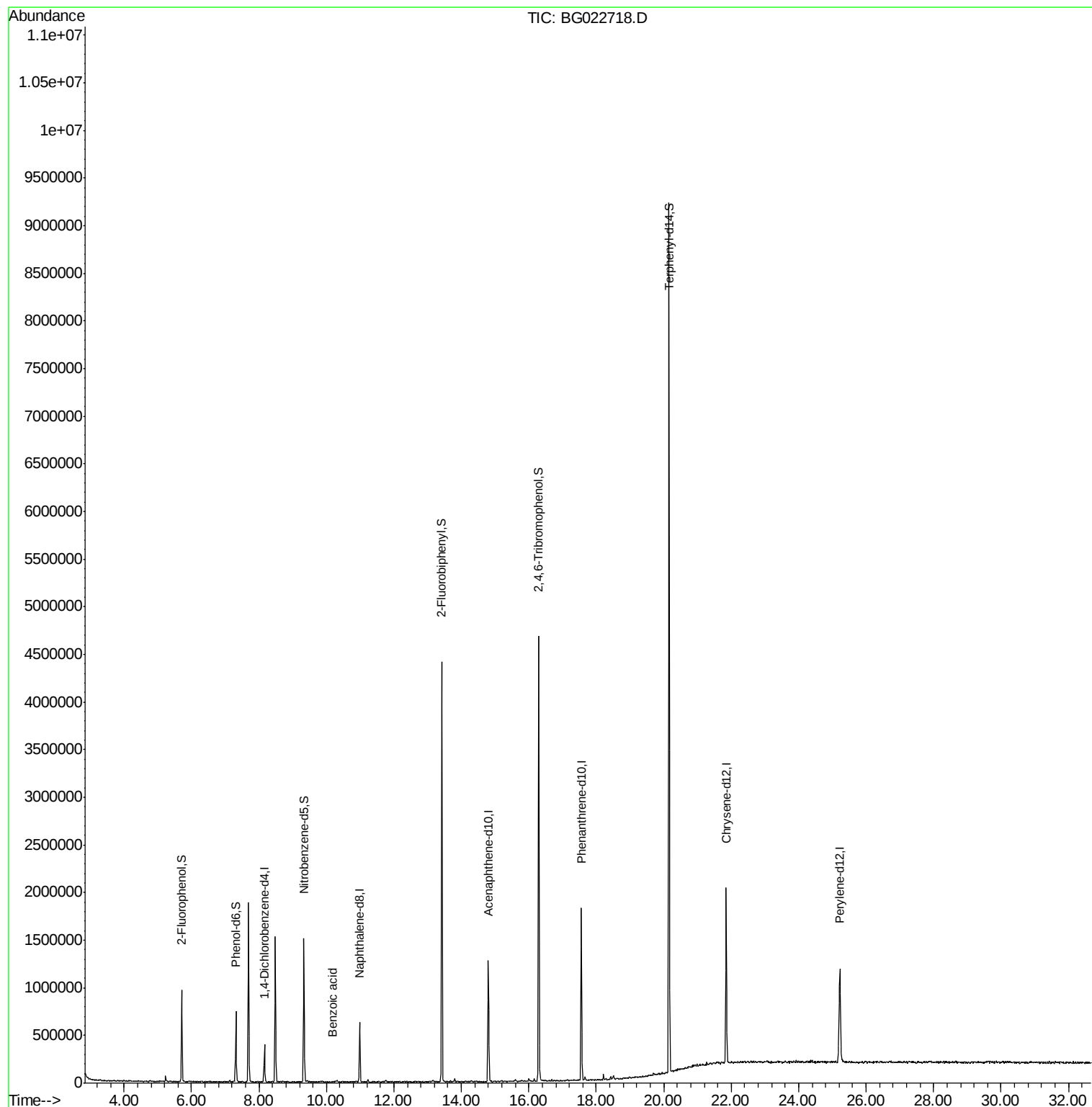
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	108937	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	511376	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	426559	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1103473	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1231071	20.00	ng	0.00
86) Perylene-d12	25.22	264	1225255	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	411212	60.55	ng	0.00
7) Phenol-d6	7.32	99	417052	43.56	ng	0.01
23) Nitrobenzene-d5	9.33	82	958113	79.30	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	925657	137.97	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2165546	80.51	ng	0.00
78) Terphenyl-d14	20.16	244	3212111	69.13	ng	0.00
Target Compounds						
32) Benzoic acid	10.20	122	597	5.20	ng	Qvalue # 69

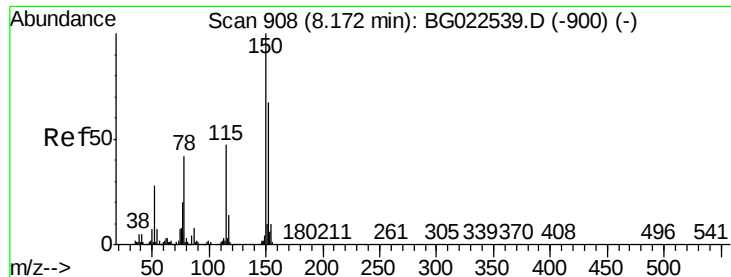
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022718.D

Acq: 30 Jun 2016 8:38

Instrument :

BNA_G

ClientSampleId :

54THST-FB1-6-22-16

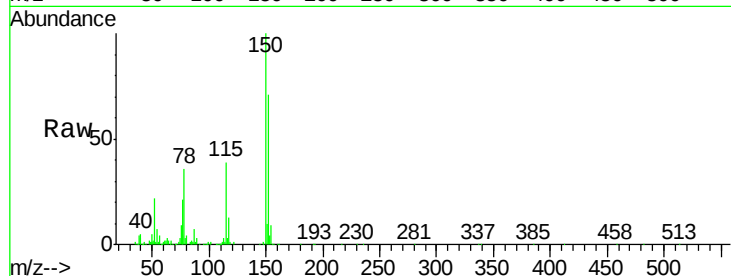
Tgt Ion:152 Resp: 108937

Ion Ratio Lower Upper

152 100

150 141.0 144.7 217.1#

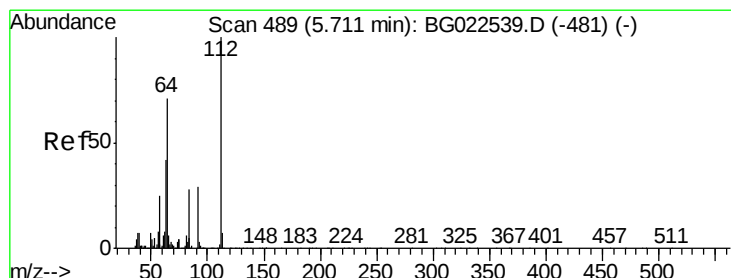
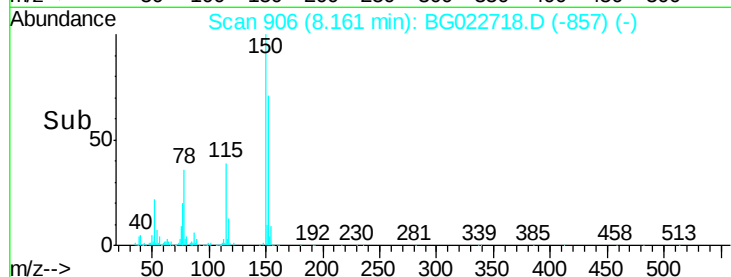
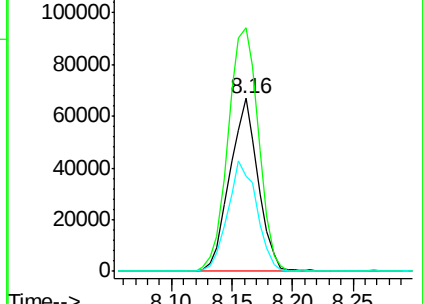
115 55.0 64.0 96.0#



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: 60.55 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022718.D

Acq: 30 Jun 2016 8:38

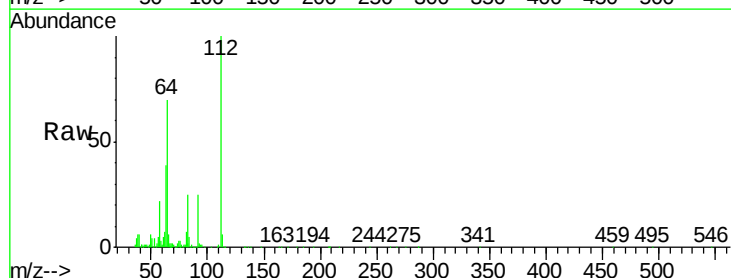
Tgt Ion:112 Resp: 411212

Ion Ratio Lower Upper

112 100

64 69.7 59.0 88.4

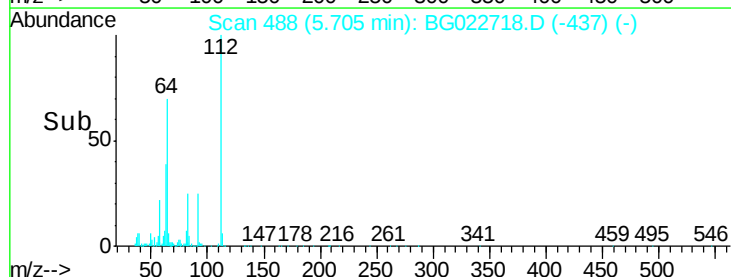
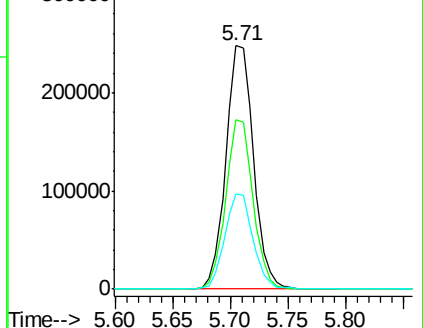
63 39.0 37.8 56.8

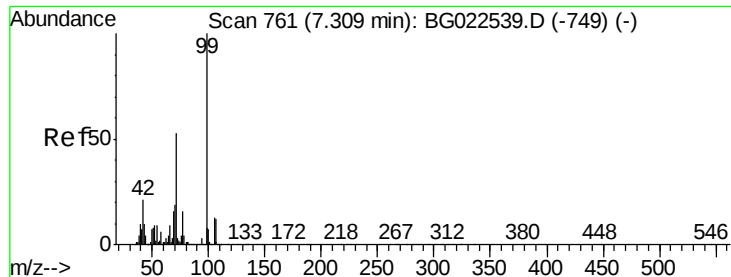


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 43.56 ng

RT: 7.32 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG022718.D

Acq: 30 Jun 2016 8:38

Instrument :

BNA_G

ClientSampleId :

54THST-FB1-6-22-16

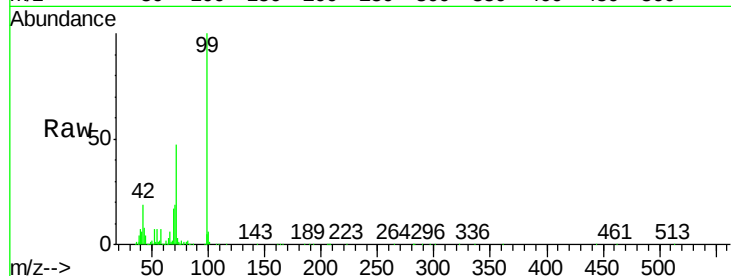
Tgt Ion: 99 Resp: 417052

Ion Ratio Lower Upper

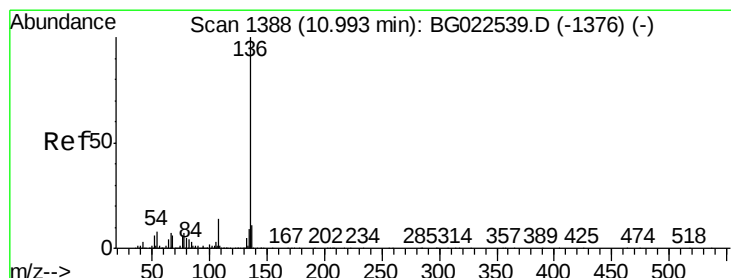
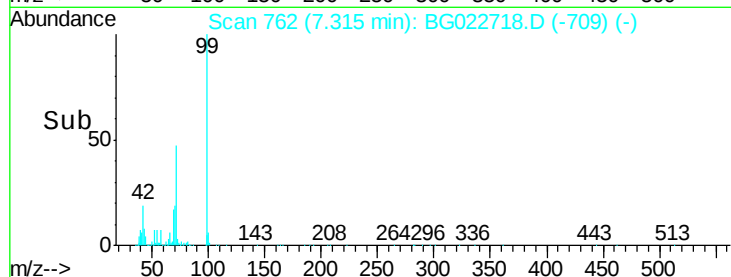
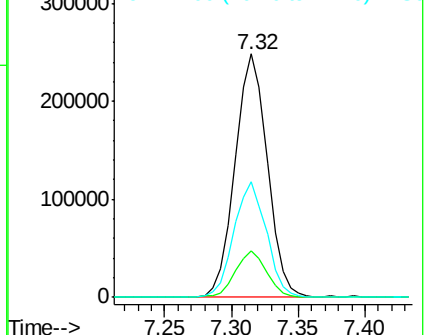
99 100

42 19.3 17.8 26.6

71 47.3 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: BG022718.D

Acq: 30 Jun 2016 8:38

Tgt Ion: 136 Resp: 511376

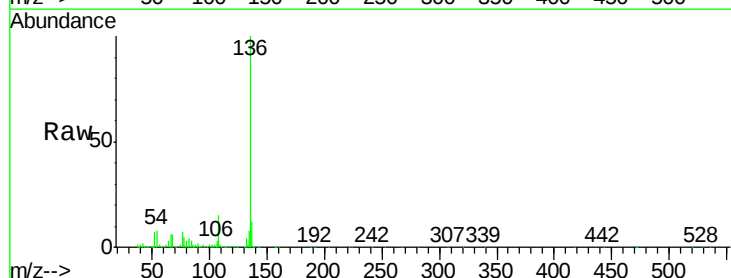
Ion Ratio Lower Upper

136 100

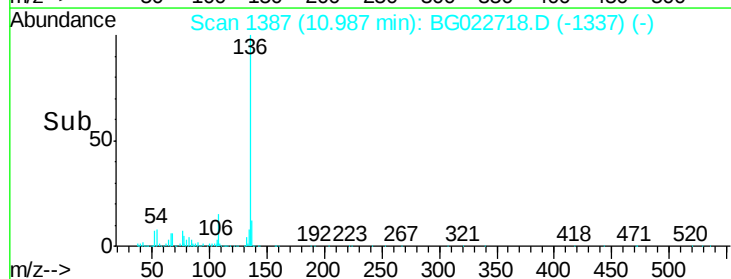
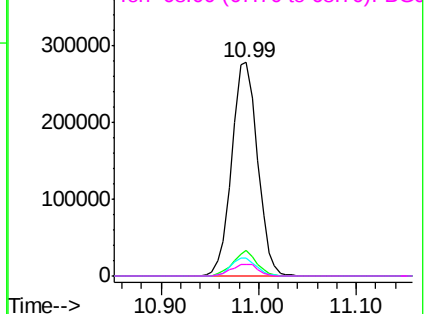
137 11.9 9.6 14.4

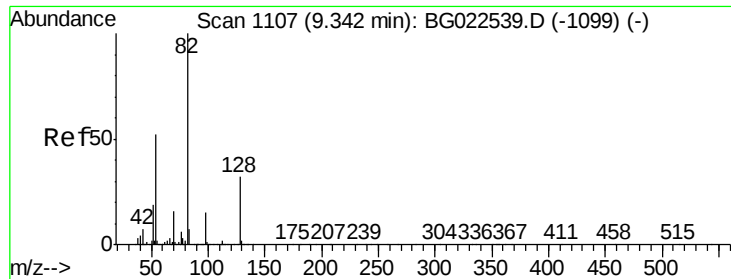
54 8.2 7.3 10.9

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

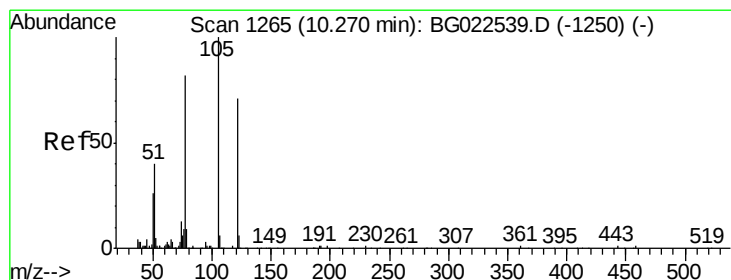
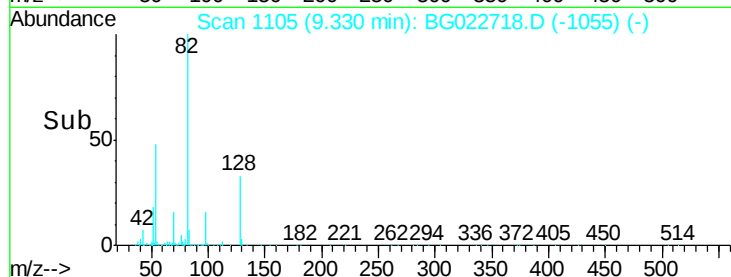
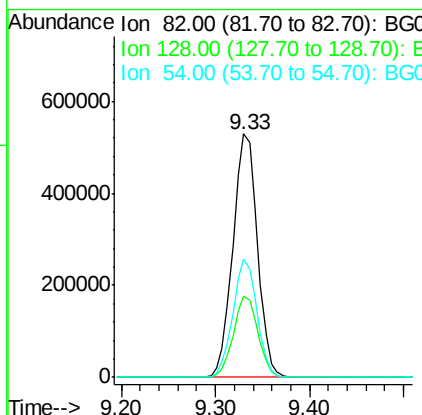
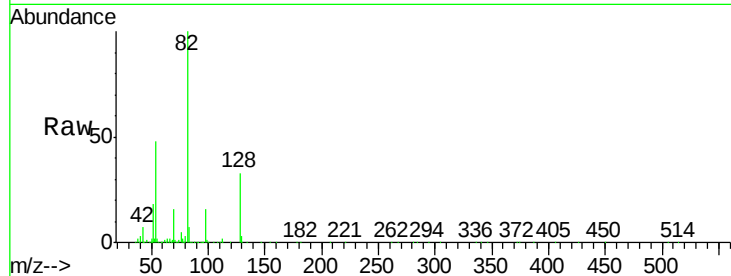




#23
Nitrobenzene-d5
Concen: 79.30 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022718.D
Acq: 30 Jun 2016 8:38

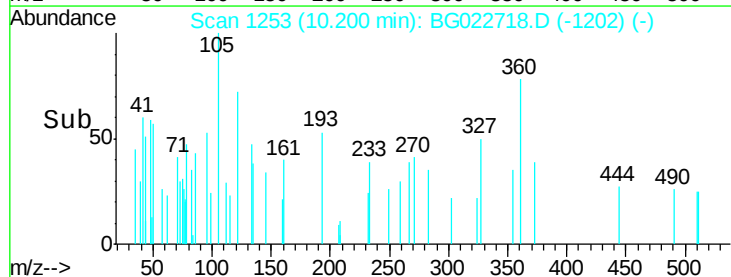
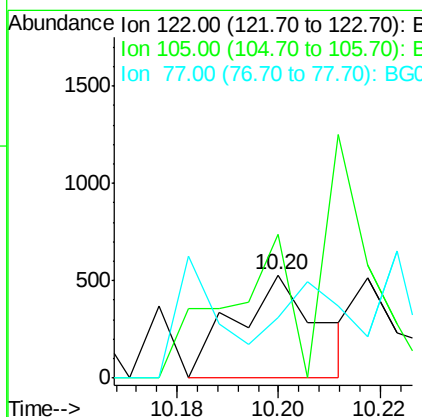
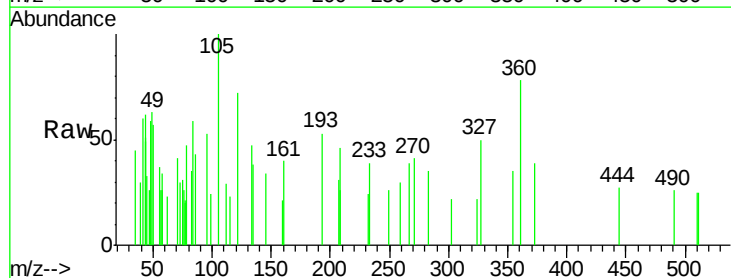
Instrument :
BNA_G
ClientSampleId :
54THST-FB1-6-22-16

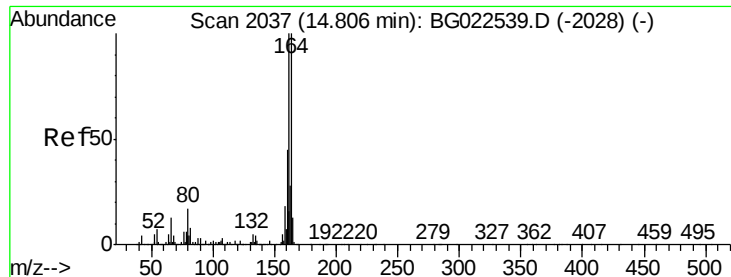
Tgt Ion: 82 Resp: 958113
Ion Ratio Lower Upper
82 100
128 33.2 24.4 36.6
54 48.4 41.4 62.0



#32
Benzoic acid
Concen: 5.20 ng
RT: 10.20 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BG022718.D
Acq: 30 Jun 2016 8:38

Tgt Ion: 122 Resp: 597
Ion Ratio Lower Upper
122 100
105 139.4 117.2 157.2
77 58.0 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG022718.D

Acq: 30 Jun 2016 8:38

Instrument :

BNA_G

ClientSampleId :

54THST-FB1-6-22-16

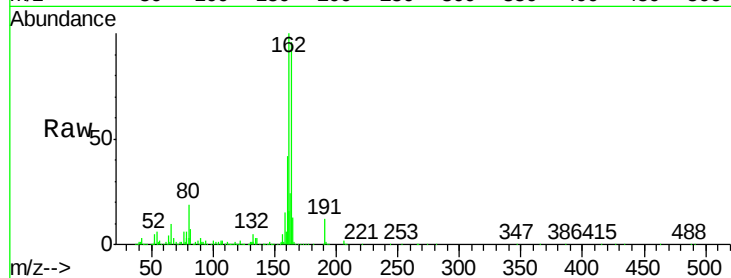
Tgt Ion:164 Resp: 426559

Ion Ratio Lower Upper

164 100

162 103.7 87.7 131.5

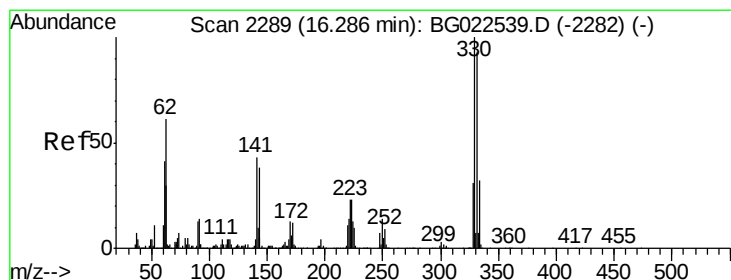
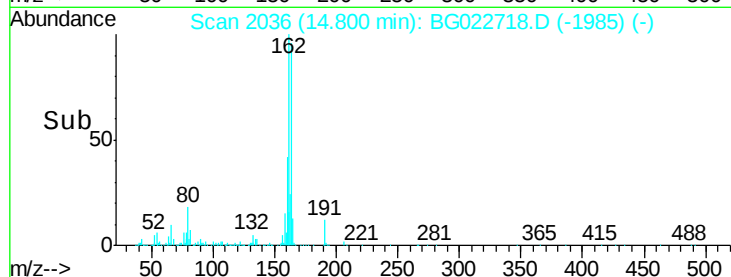
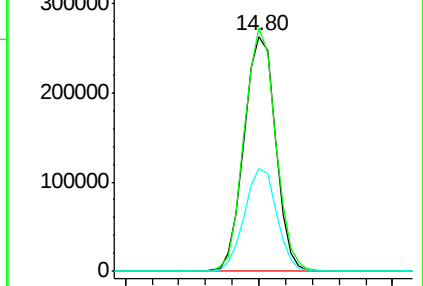
160 44.0 37.2 55.8



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: 137.97 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG022718.D

Acq: 30 Jun 2016 8:38

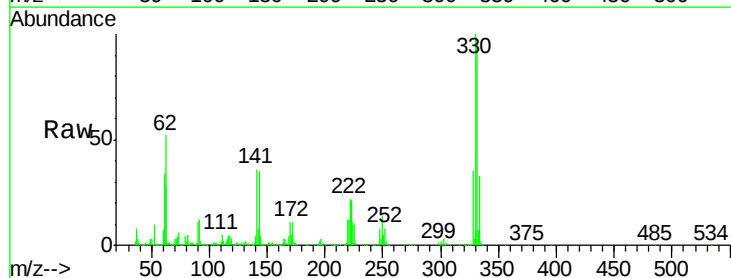
Tgt Ion:330 Resp: 925657

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

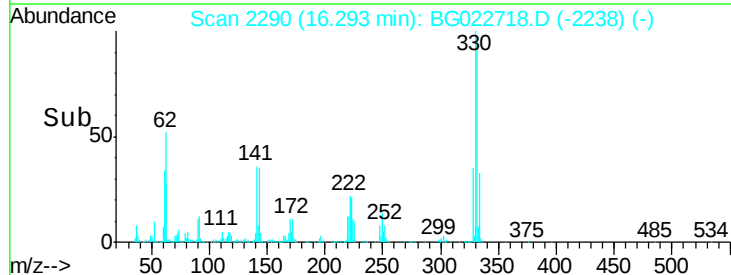
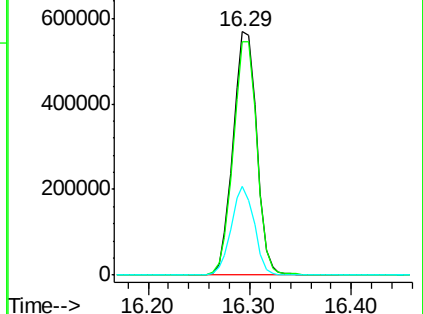
141 35.4 31.7 47.5

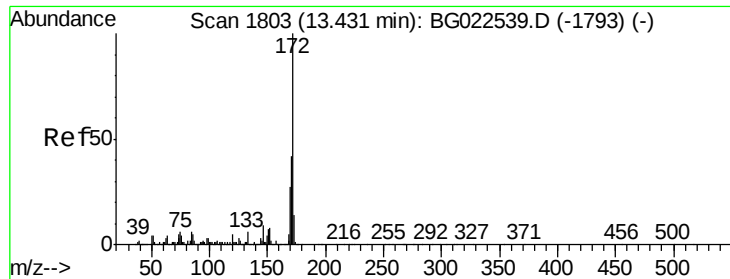


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

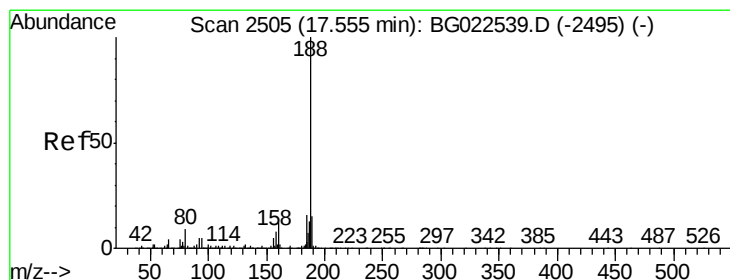
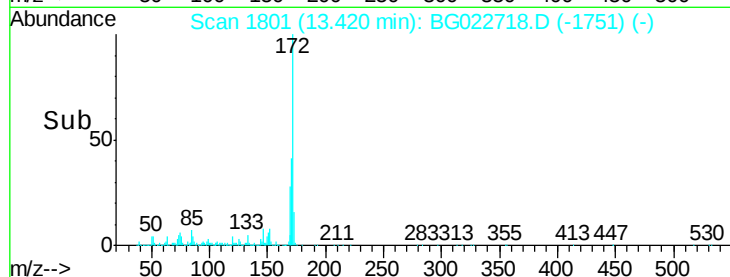
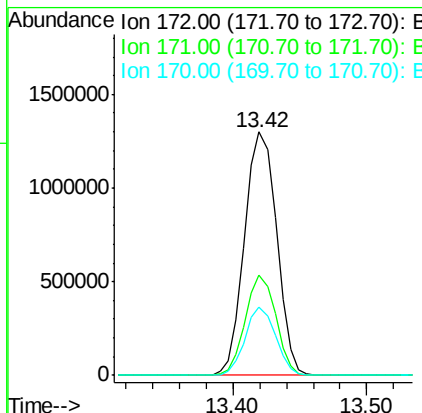
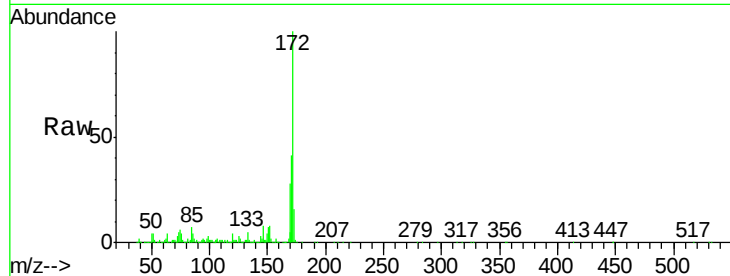




#44
2-Fluorobiphenyl
Concen: 80.51 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022718.D
Acq: 30 Jun 2016 8:38

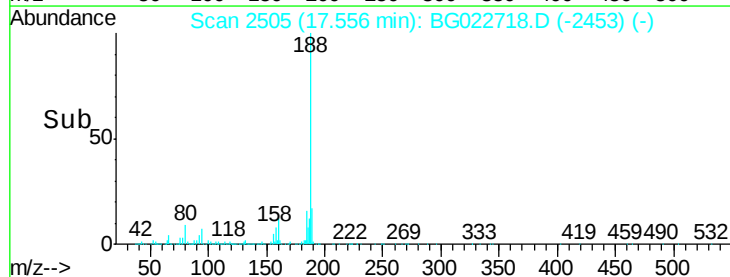
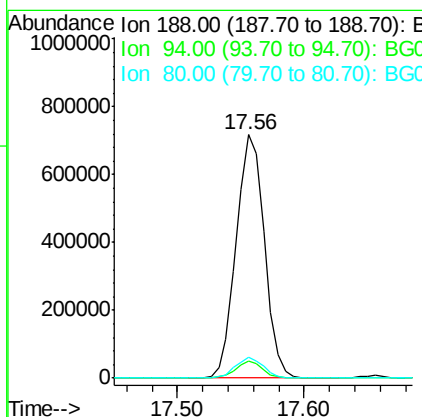
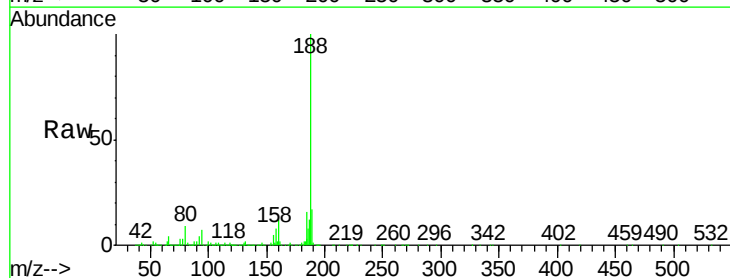
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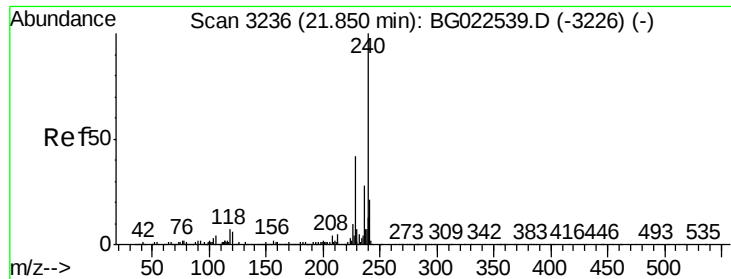
Tgt Ion:172 Resp: 2165546
Ion Ratio Lower Upper
172 100
171 41.1 31.6 47.4
170 28.2 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022718.D
Acq: 30 Jun 2016 8:38

Tgt Ion:188 Resp: 1103473
Ion Ratio Lower Upper
188 100
94 7.1 5.2 7.8
80 8.7 7.2 10.8

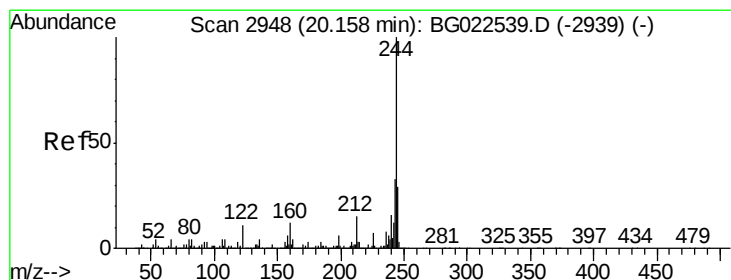
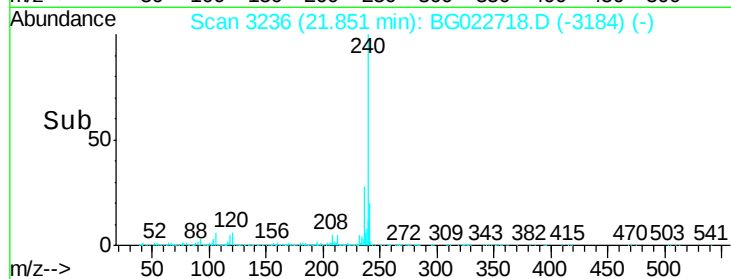
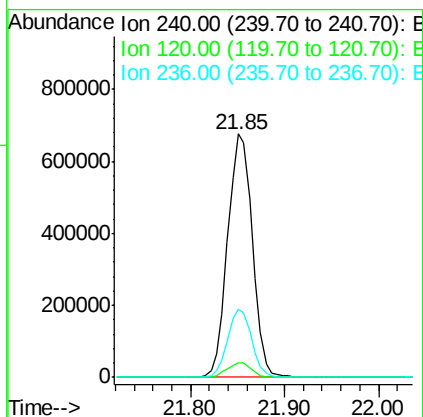
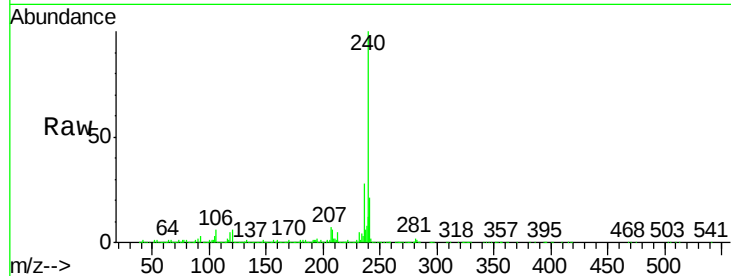




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022718.D
Acq: 30 Jun 2016 8:38

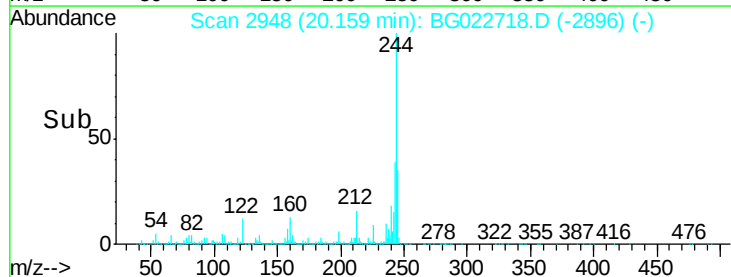
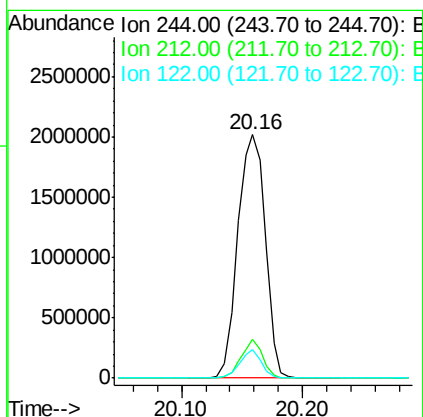
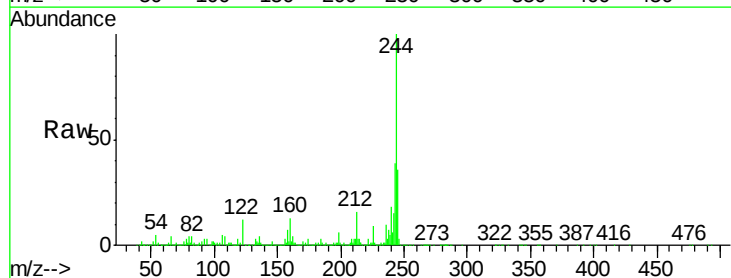
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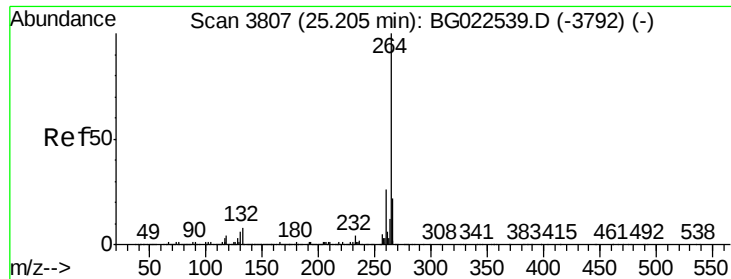
Tgt Ion:240 Resp: 1231071
Ion Ratio Lower Upper
240 100
120 6.2 4.1 6.1#
236 28.3 21.1 31.7



#78
Terphenyl-d14
Concen: 69.13 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG022718.D
Acq: 30 Jun 2016 8:38

Tgt Ion:244 Resp: 3212111
Ion Ratio Lower Upper
244 100
212 16.0 10.8 16.2
122 11.7 8.0 12.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.22 min Scan# 3809

Delta R.T. 0.01 min

Lab File: BG022718.D

Acq: 30 Jun 2016 8:38

Instrument :

BNA_G

ClientSampleId :

54THST-FB1-6-22-16

Tgt Ion:264 Resp: 1225255

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 23.5 18.9 28.3

