

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025777.D
 Acq On : 3 Feb 2017 3:29
 Operator : SJ/MA
 Sample : I1658-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-COMP-02A-0-2FT

Quant Time: Feb 03 04:49:38 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

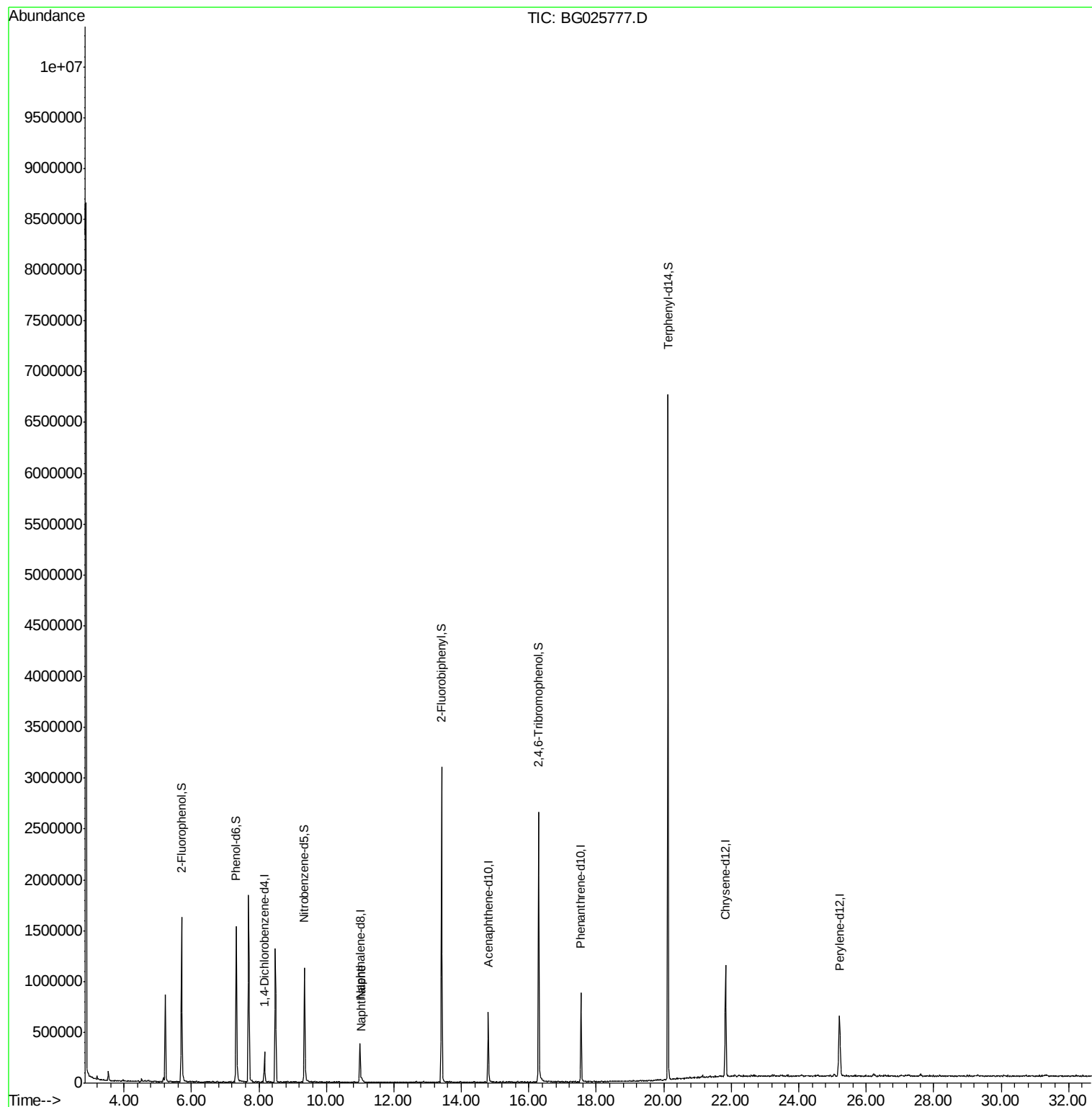
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	72885	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	321396	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	255126	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	582375	20.00	ng	0.00
75) Chrysene-d12	21.83	240	707619	20.00	ng	0.00
86) Perylene-d12	25.21	264	709319	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	644313	158.43	ng	0.00
7) Phenol-d6	7.32	99	867419	146.04	ng	0.00
23) Nitrobenzene-d5	9.35	82	734497	96.56	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	525562	144.45	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1503776	95.73	ng	0.00
78) Terphenyl-d14	20.13	244	2601030	88.72	ng	0.00
Target Compounds						
31) Naphthalene	11.04	128	33501	2.01	ng	Qvalue # 89

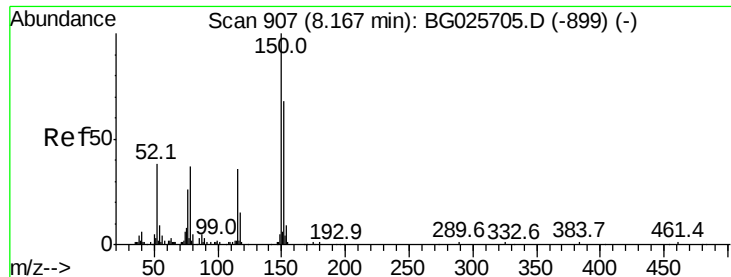
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.00 min

Lab File: BG025777.D

Acq: 3 Feb 2017 3:29

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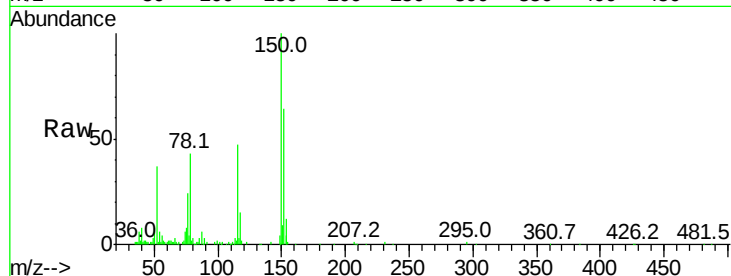
Tot Ion:152 Resp: 72885

Ion Ratio Lower Upper

152 100

150 156.6 114.0 171.0

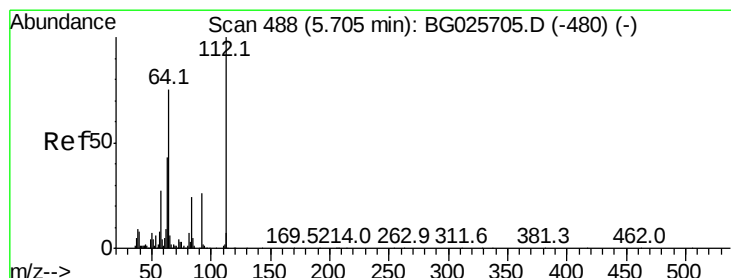
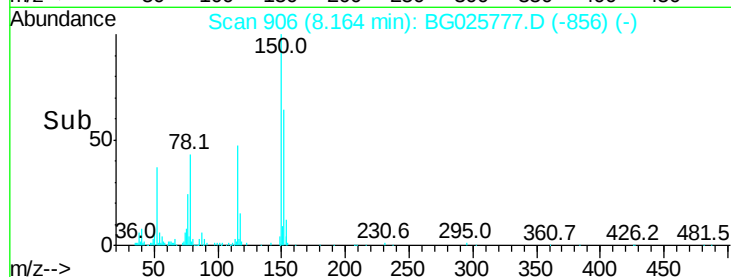
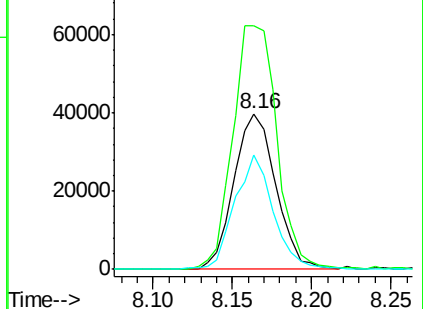
115 73.8 48.1 72.1#



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: 158.43 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG025777.D

Acq: 3 Feb 2017 3:29

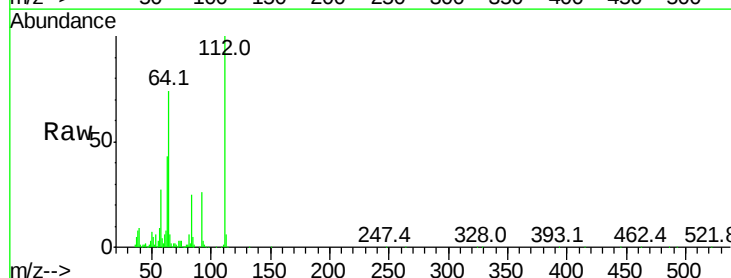
Tgt Ion:112 Resp: 644313

Ion Ratio Lower Upper

112 100

64 73.7 61.8 92.6

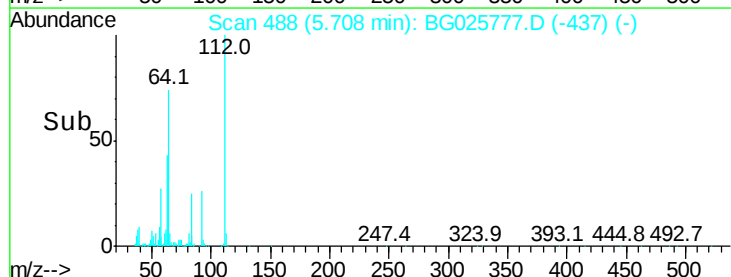
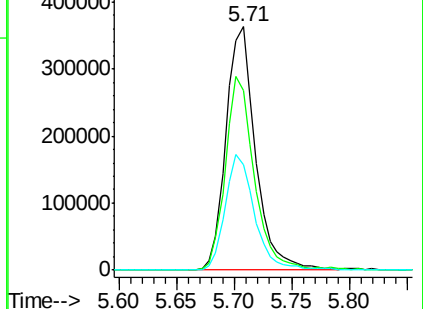
63 43.3 37.2 55.8

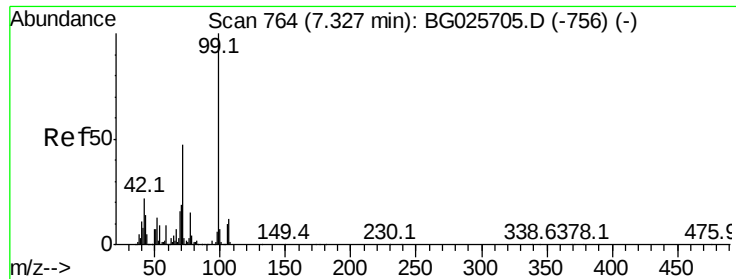


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 146.04 ng

RT: 7.32 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG025777.D

Acq: 3 Feb 2017 3:29

Instrument :

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ClientSampleId :

SP-COMP-02A-0-2FT

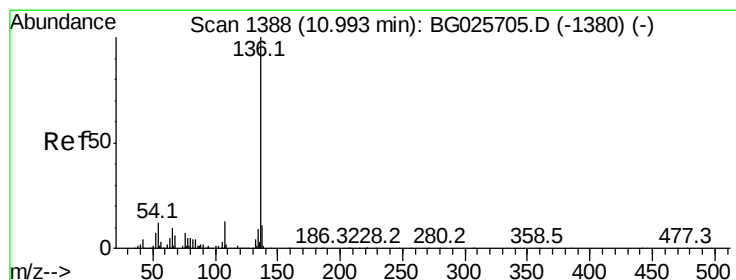
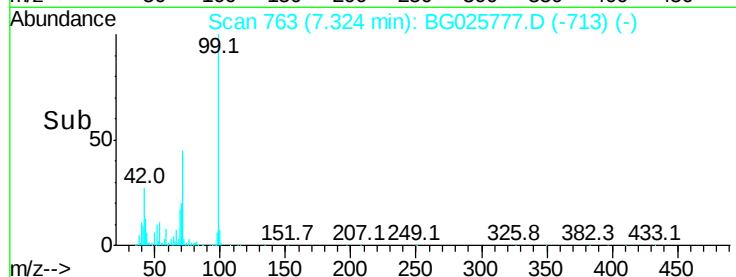
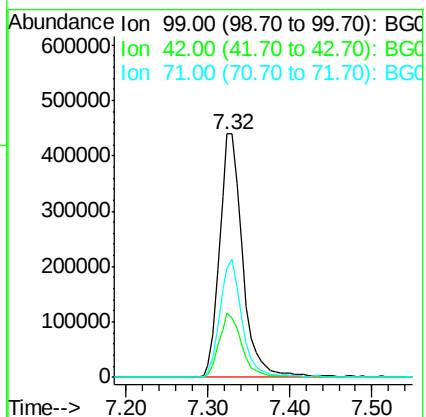
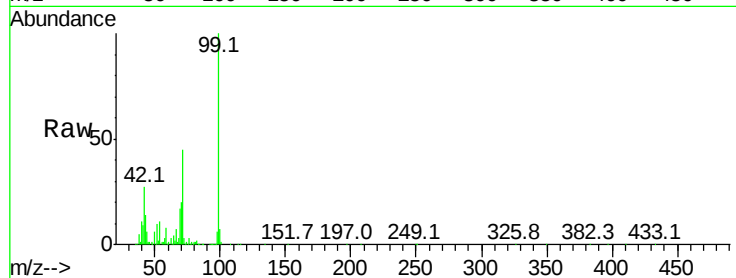
Tot Ion: 99 Resp: 867419

Ion Ratio Lower Upper

99 100

42 26.7 20.5 30.7

71 44.9 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.00 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BG025777.D

Acq: 3 Feb 2017 3:29

Tgt Ion: 136 Resp: 321396

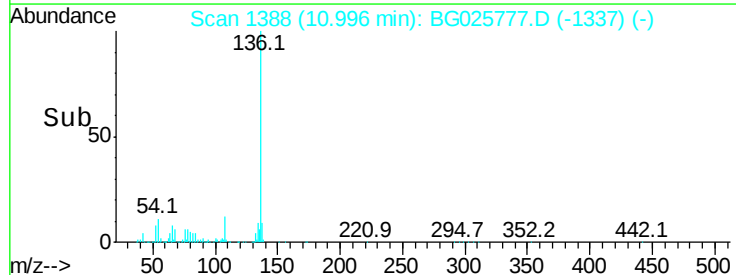
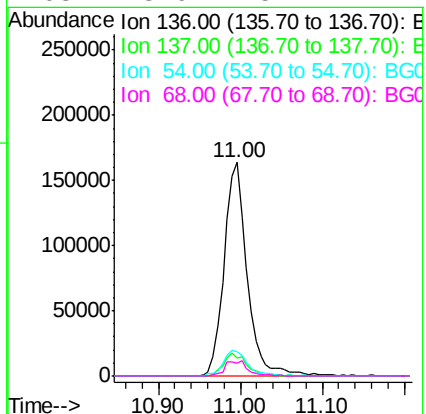
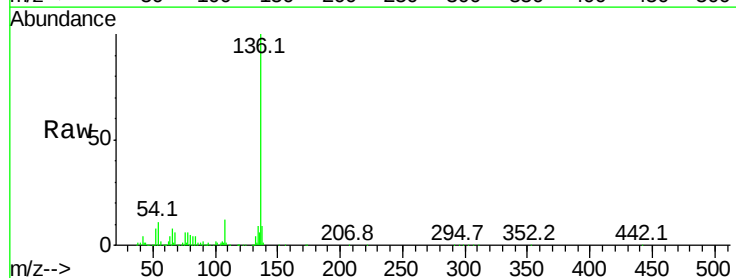
Ion Ratio Lower Upper

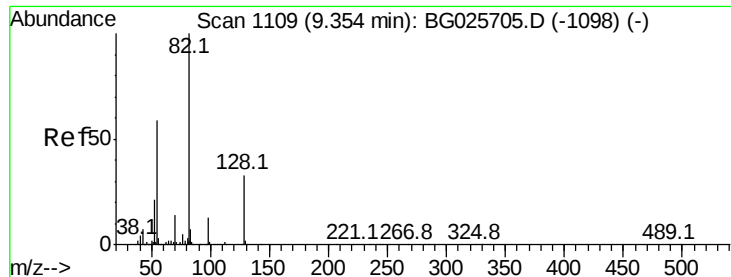
136 100

137 8.6 8.9 13.3#

54 11.2 9.3 13.9

68 5.9 5.1 7.7

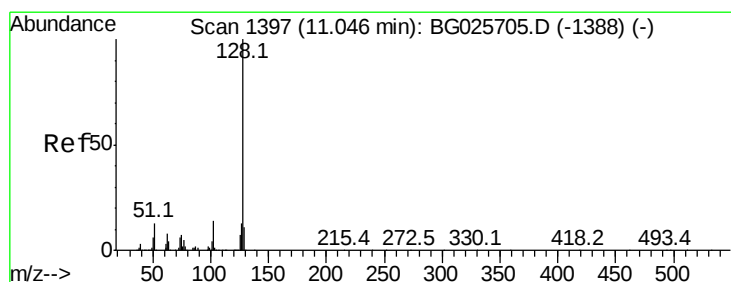
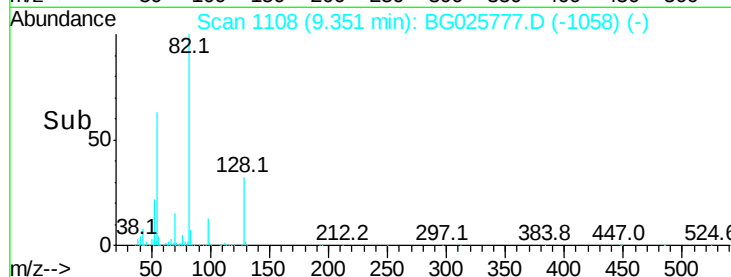
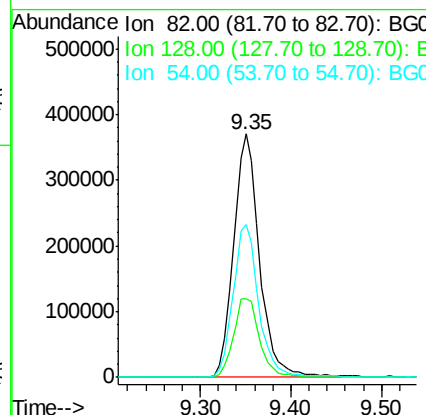
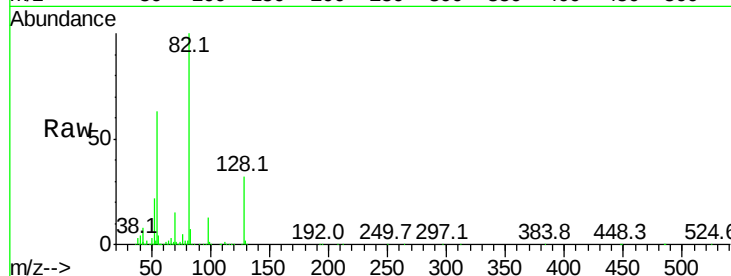




#23
 Nitrobenzene-d5
 Concen: 96.56 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: BG025777.D
 Acq: 3 Feb 2017 3:29

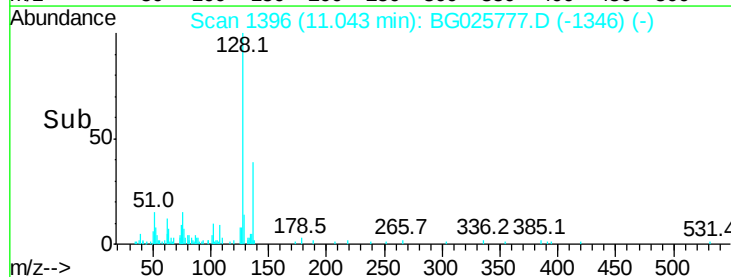
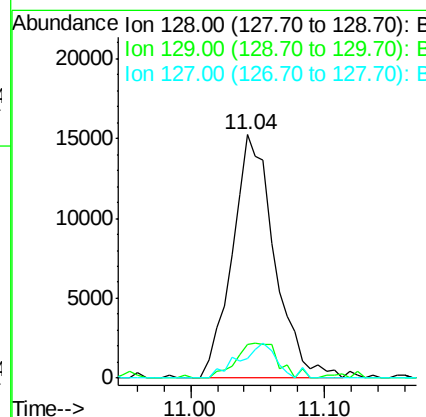
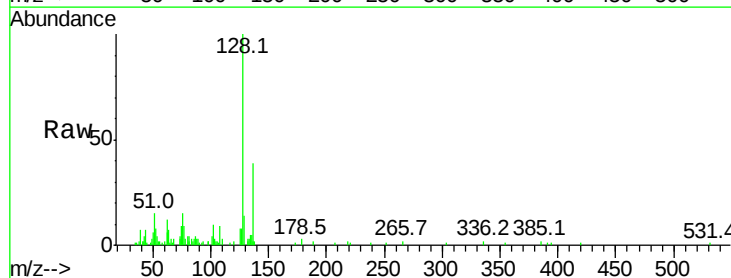
Instrument :
 BNA_G
 ClientSampleId :
 SP-COMP-02A-0-2FT

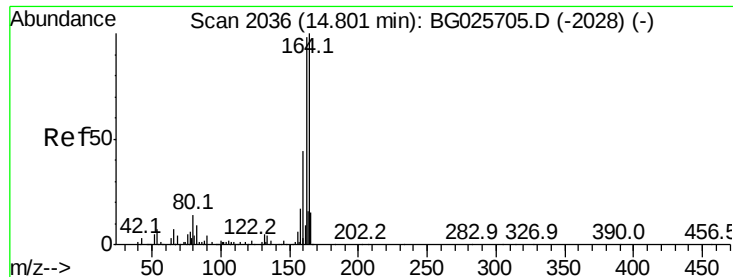
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.2	26.4	39.6
54	62.7	49.4	74.2



#31
 Naphthalene
 Concen: 2.01 ng
 RT: 11.04 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: BG025777.D
 Acq: 3 Feb 2017 3:29

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.3	13.9
127	8.1	11.4	17.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG025777.D

Acq: 3 Feb 2017 3:29

Instrument :

BNA_G

ClientSampleId :

SP-COMP-02A-0-2FT

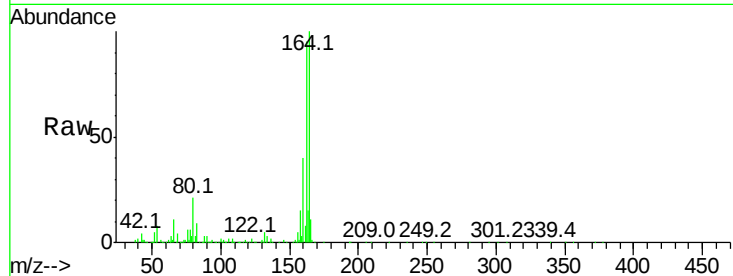
Tot Ion:164 Resp: 255126

Ion Ratio Lower Upper

164 100

162 94.5 85.1 127.7

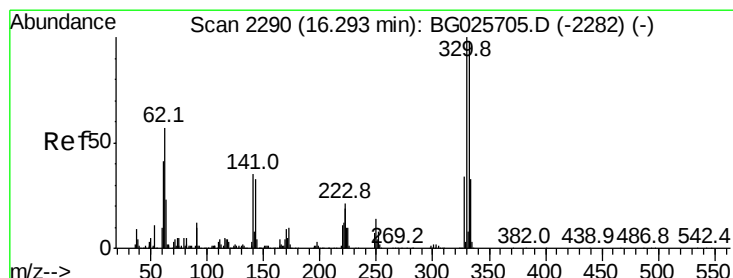
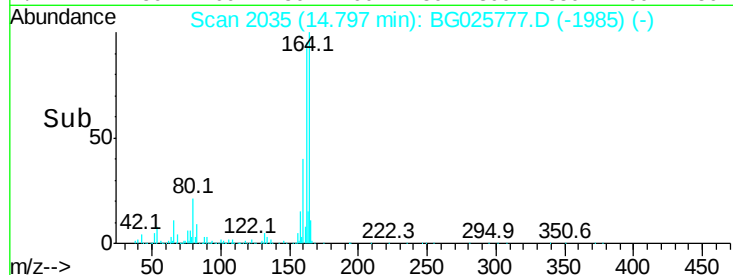
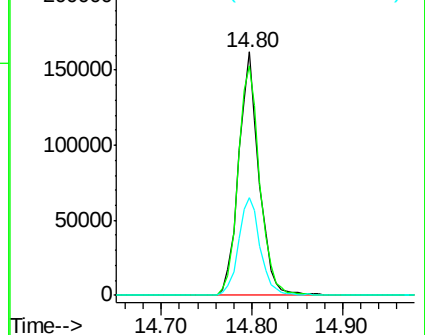
160 39.9 34.7 52.1



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: 144.45 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG025777.D

Acq: 3 Feb 2017 3:29

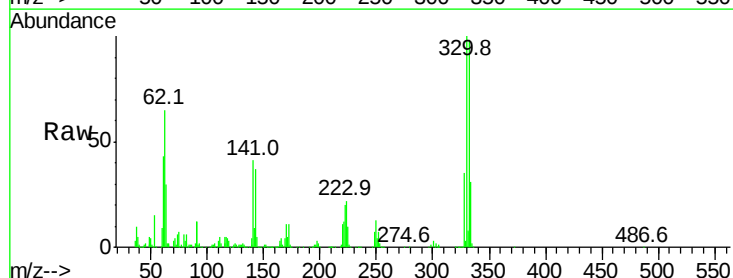
Tgt Ion:330 Resp: 525562

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

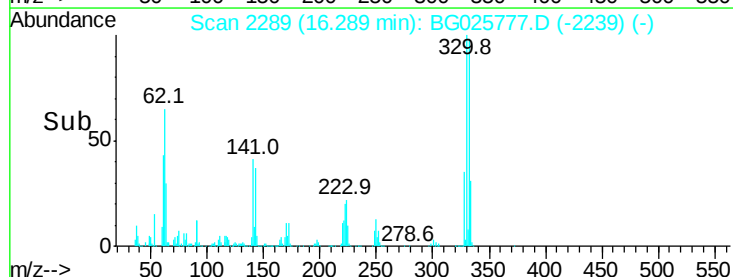
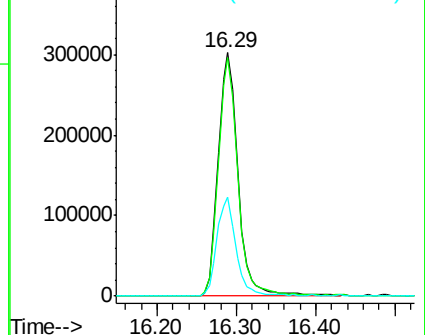
141 39.2 32.1 48.1

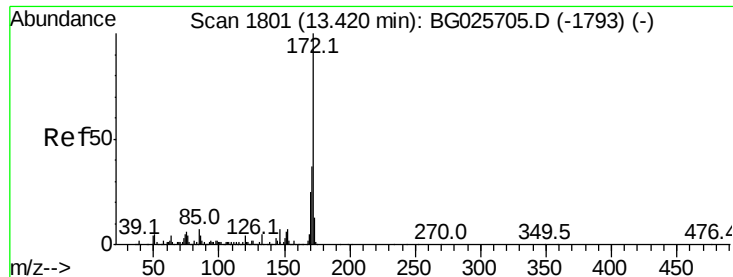


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

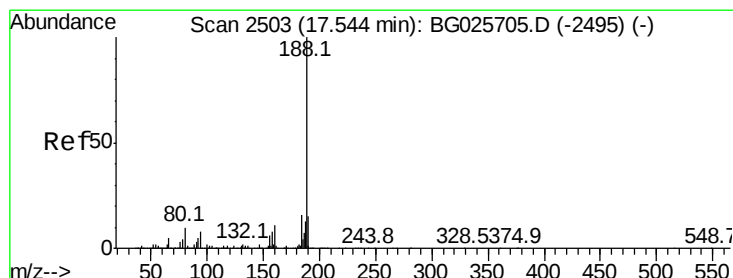
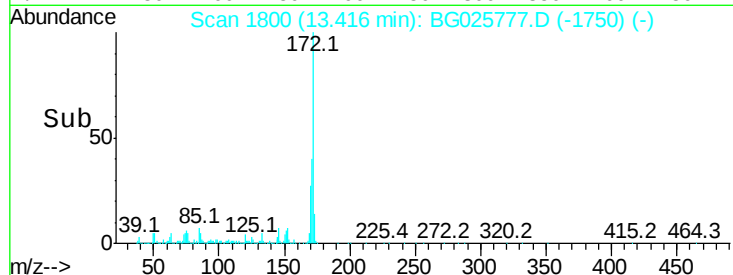
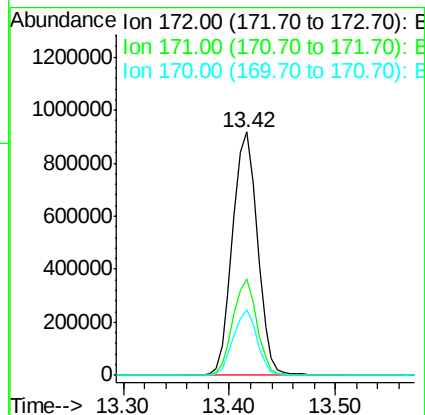
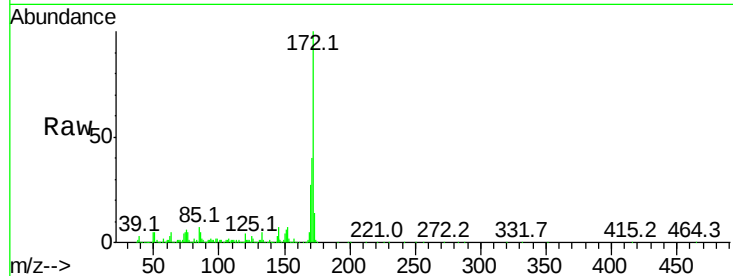




#44
 2-Fluorobiphenyl
 Concen: 95.73 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG025777.D
 Acq: 3 Feb 2017 3:29

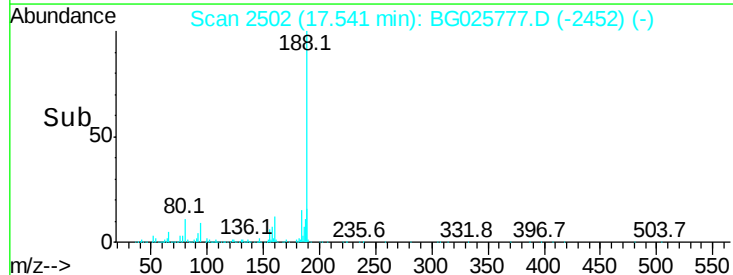
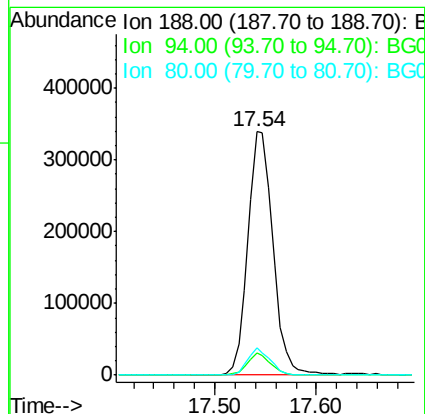
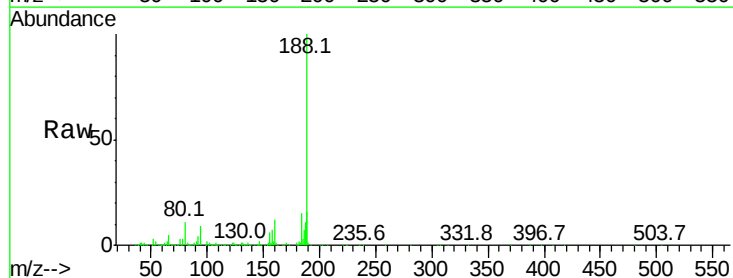
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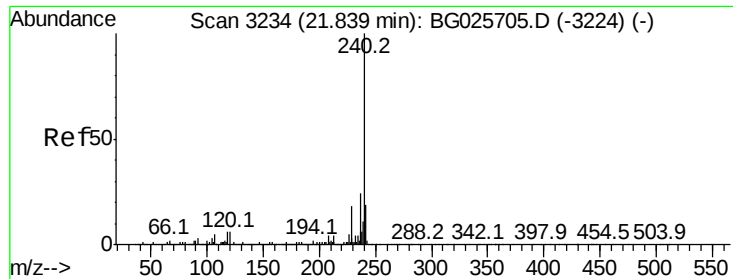
Tot Ion:172 Resp: 1503776
 Ion Ratio Lower Upper
 172 100
 171 39.5 32.2 48.2
 170 26.7 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.54 min Scan# 2502
 Delta R.T. -0.00 min
 Lab File: BG025777.D
 Acq: 3 Feb 2017 3:29

Tgt Ion:188 Resp: 582375
 Ion Ratio Lower Upper
 188 100
 94 9.1 5.8 8.8#
 80 11.2 7.5 11.3

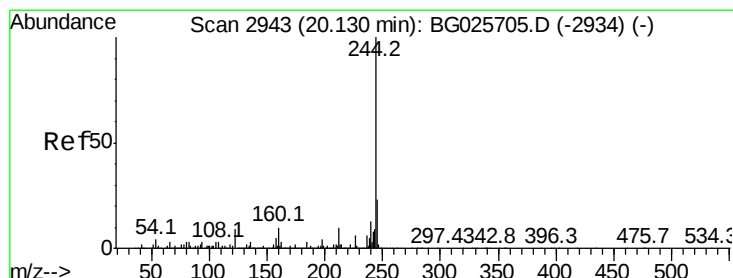
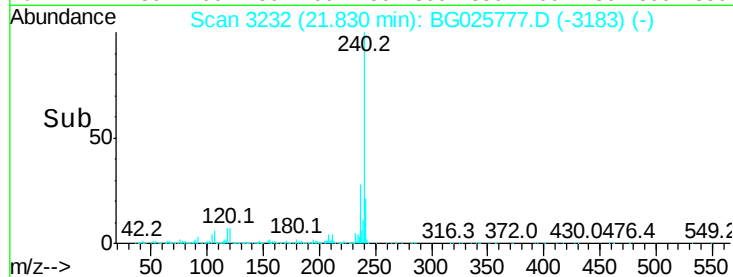
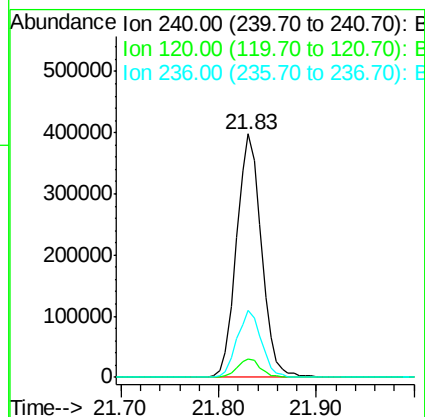
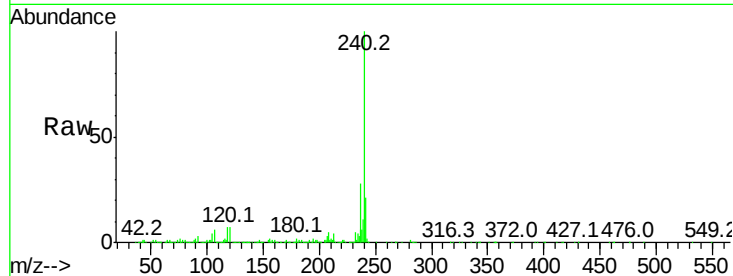




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.83 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG025777.D
 Acq: 3 Feb 2017 3:29

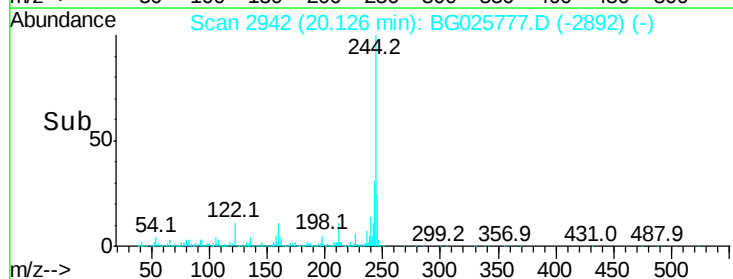
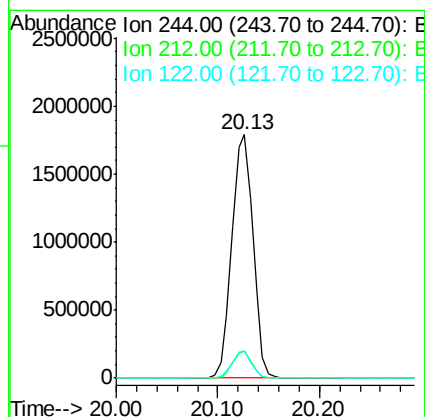
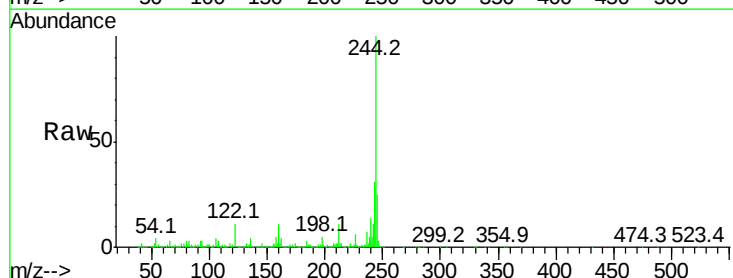
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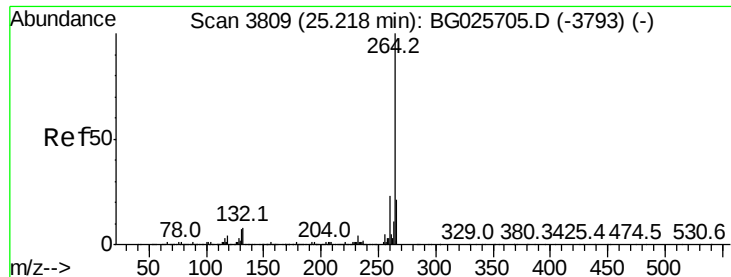
Tot Ion:240 Resp: 707619
 Ion Ratio Lower Upper
 240 100
 120 7.3 5.7 8.5
 236 27.6 22.2 33.4



#78
 Terphenyl-d14
 Concen: 88.72 ng
 RT: 20.13 min Scan# 2942
 Delta R.T. -0.00 min
 Lab File: BG025777.D
 Acq: 3 Feb 2017 3:29

Tgt Ion:244 Resp: 2601030
 Ion Ratio Lower Upper
 244 100
 212 11.2 10.0 15.0
 122 11.0 8.6 12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. -0.01 min
Lab File: BG025777.D
Acq: 3 Feb 2017 3:29

Instrument :
BNA_G
ClientSampleId :
SP-COMP-02A-0-2FT

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	21.8	32.8
265	22.9	18.2	27.4

