

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025778.D
 Acq On : 3 Feb 2017 4:08
 Operator : SJ/MA
 Sample : I1658-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Feb 03 04:52:10 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	8.17	152	72716	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	303732	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	249929	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	568833	20.00	ng	0.00
75) Chrysene-d12	21.83	240	708375	20.00	ng	0.00
86) Perylene-d12	25.21	264	663542	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	620407	152.91	ng	0.00
7) Phenol-d6	7.33	99	846909	142.92	ng	0.00
23) Nitrobenzene-d5	9.35	82	711226	98.94	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	516460	144.90	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1479377	96.13	ng	0.00
78) Terphenyl-d14	20.12	244	2580960	87.94	ng	0.00

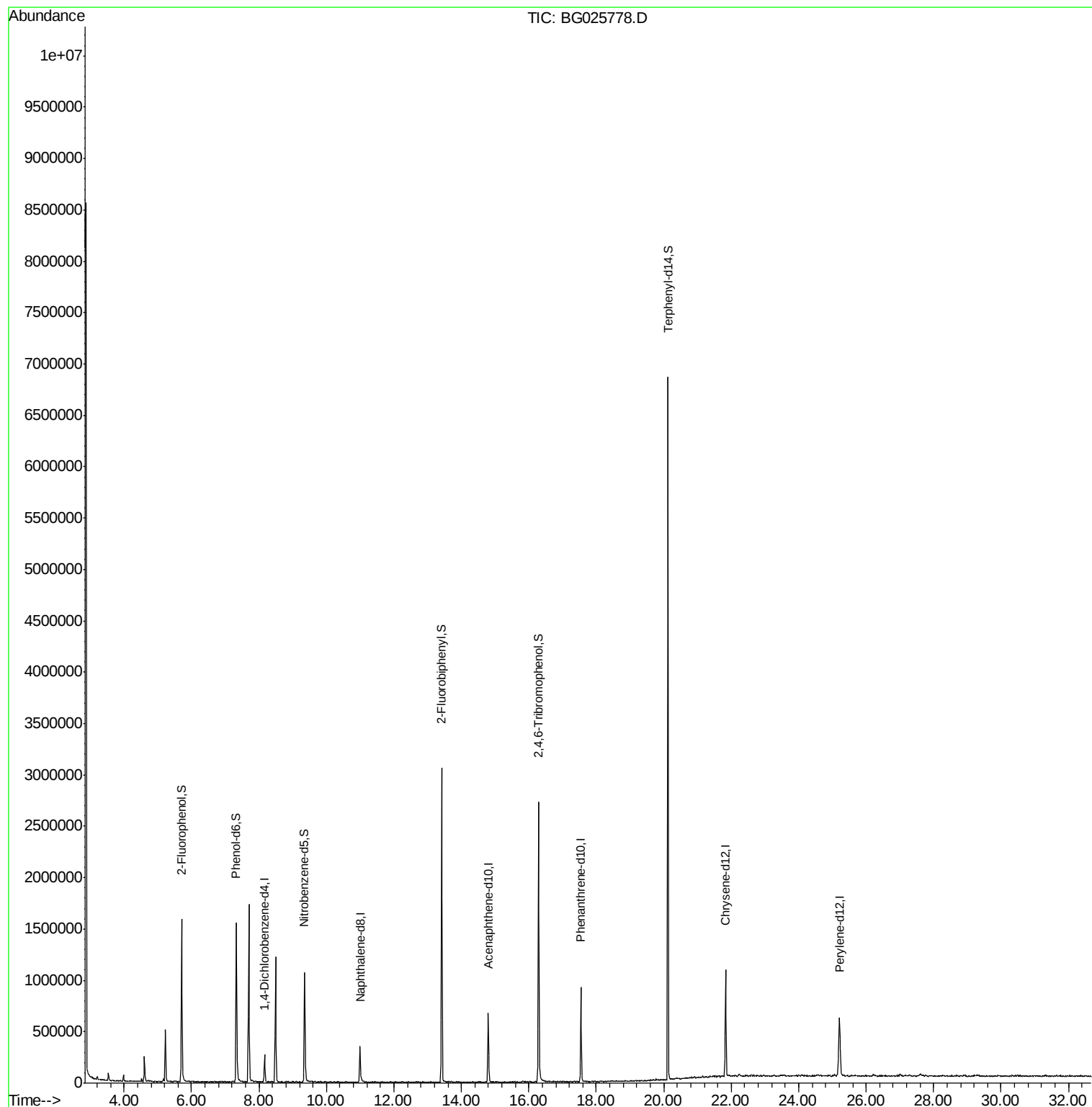
Target Compounds	Qvalue
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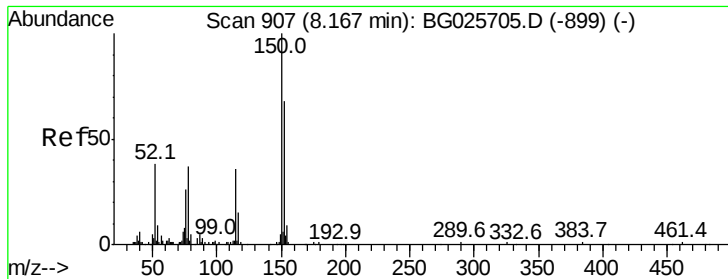
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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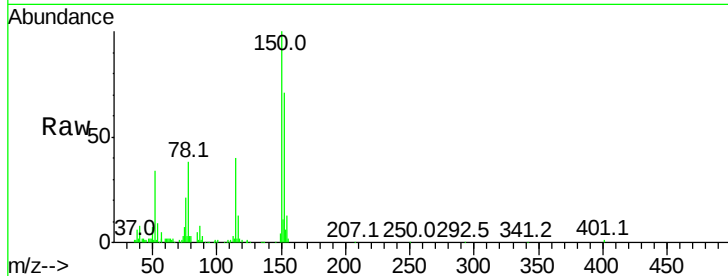


#1

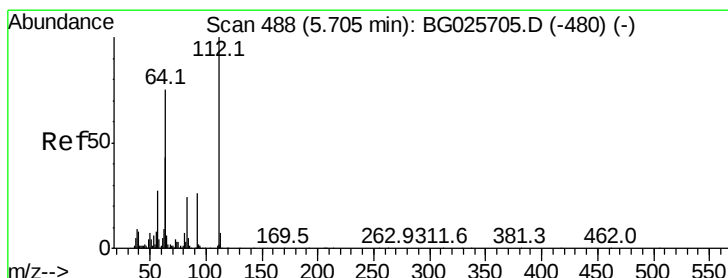
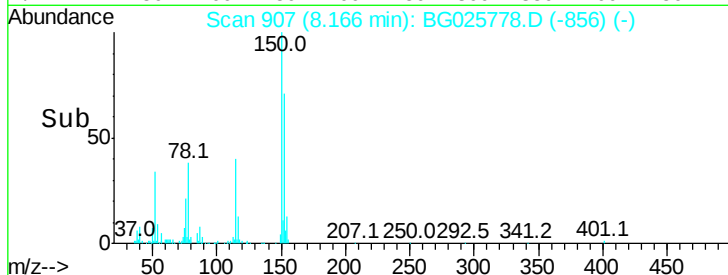
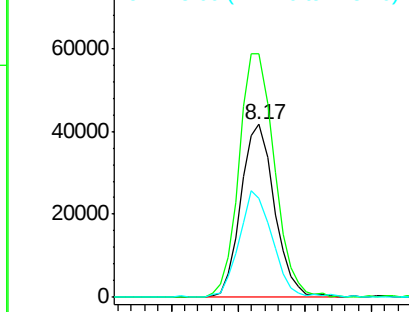
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.00 min
Lab File: BG025778.D
Acq: 3 Feb 2017 4:08

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.0	114.0	171.0
115	57.0	48.1	72.1



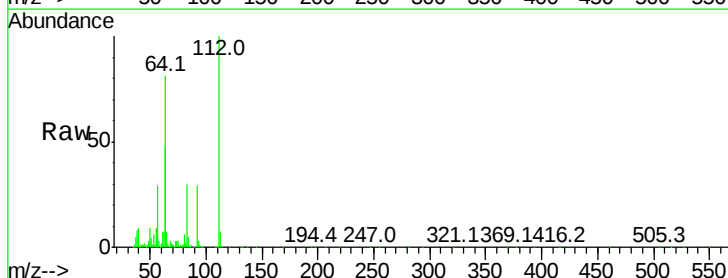
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



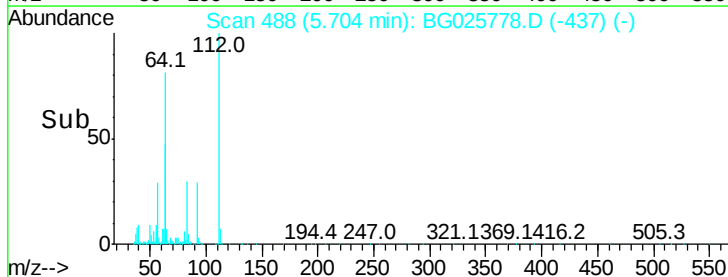
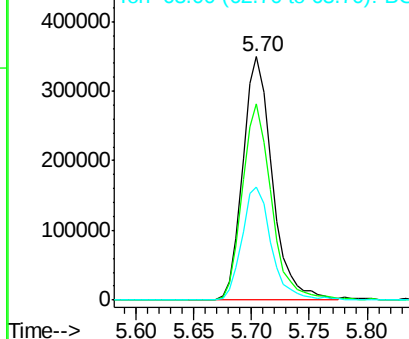
#5

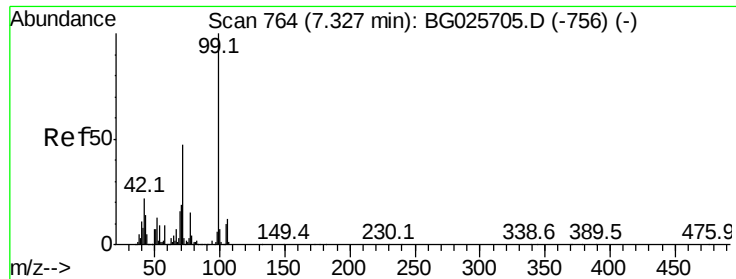
2-Fluorophenol
Concen: 152.91 ng
RT: 5.70 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG025778.D
Acq: 3 Feb 2017 4:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.6	61.8	92.6
63	46.6	37.2	55.8



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: 142.92 ng

RT: 7.33 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG025778.D

Acq: 3 Feb 2017 4:08

Instrument :

BNA_G

ClientSampleId :

SP-COMP-02B-0-2FT

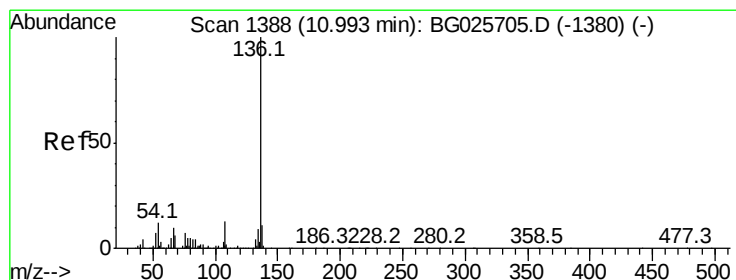
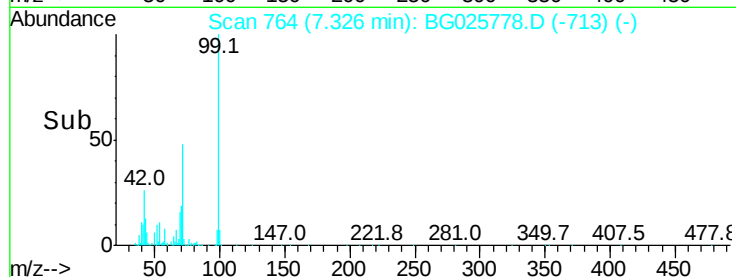
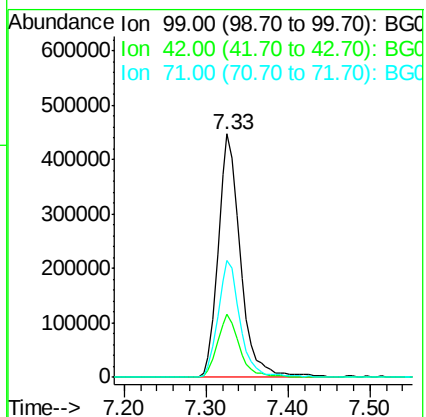
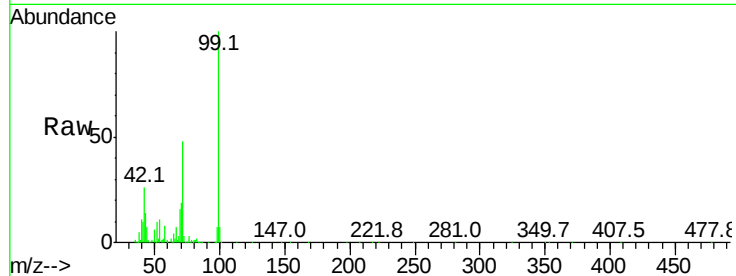
Tot Ion: 99 Resp: 846909

Ion Ratio Lower Upper

99 100

42 26.1 20.5 30.7

71 47.9 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BG025778.D

Acq: 3 Feb 2017 4:08

Tgt Ion: 136 Resp: 303732

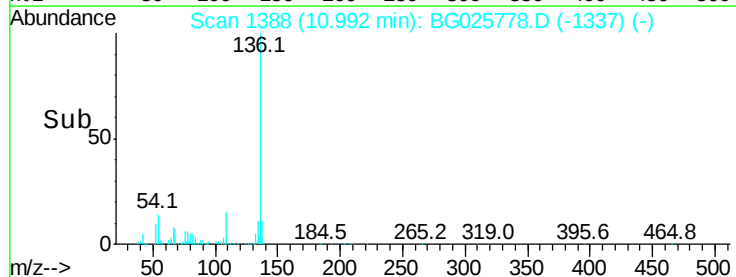
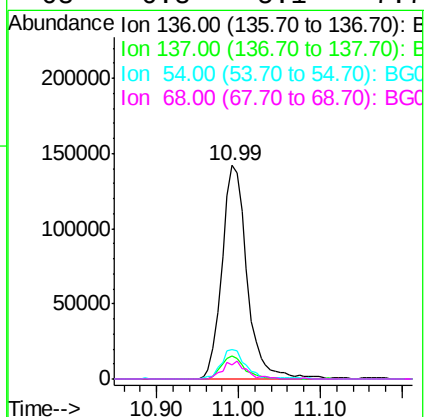
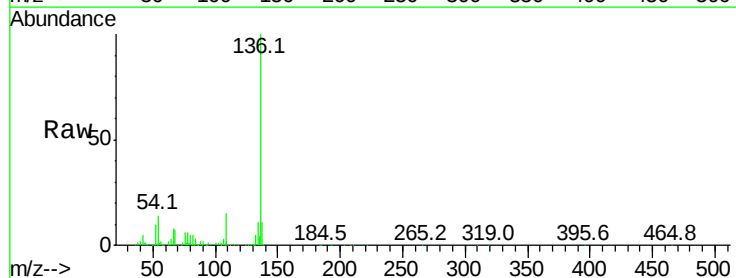
Ion Ratio Lower Upper

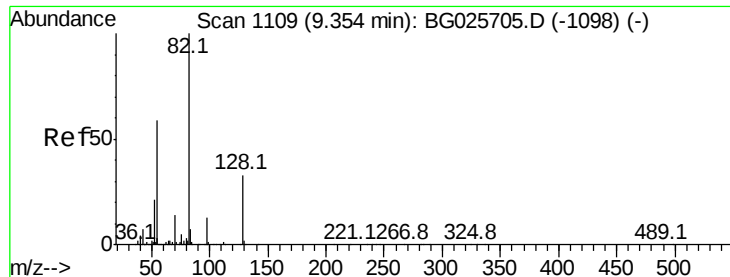
136 100

137 10.8 8.9 13.3

54 14.1 9.3 13.9#

68 6.8 5.1 7.7

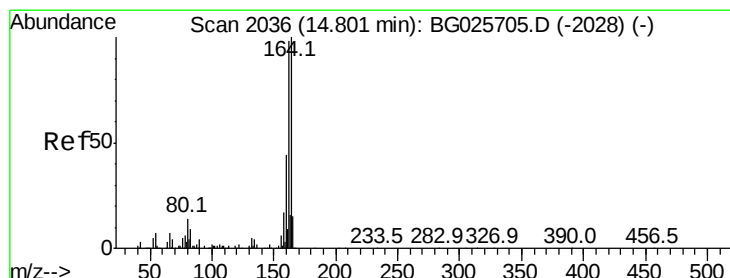
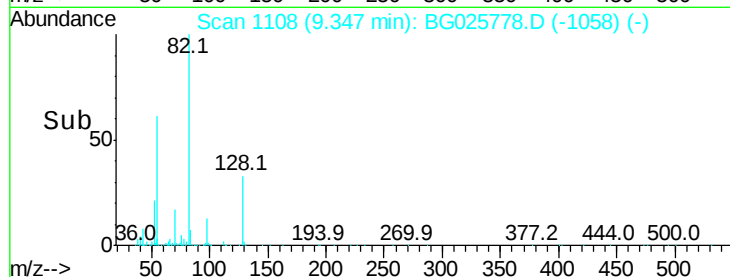
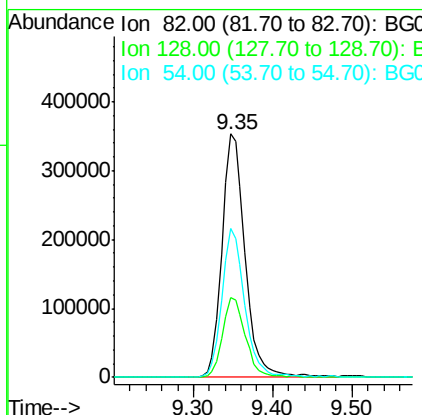
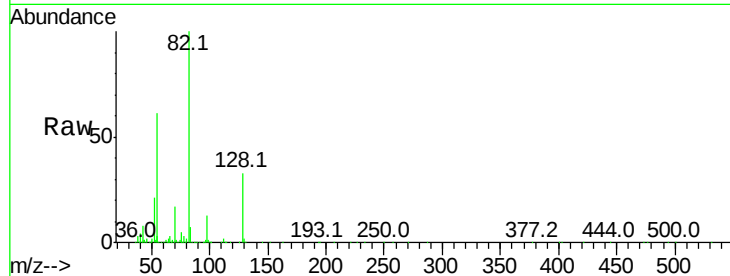




#23
 Nitrobenzene-d5
 Concen: 98.94 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BG025778.D
 Acq: 3 Feb 2017 4:08

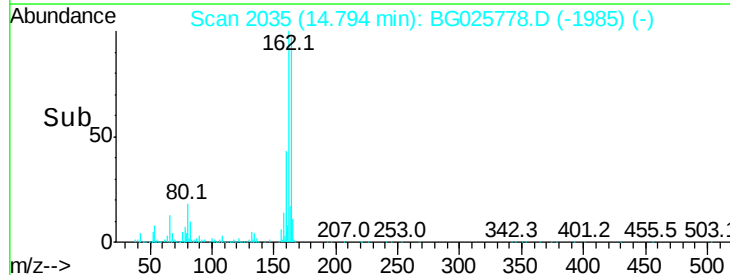
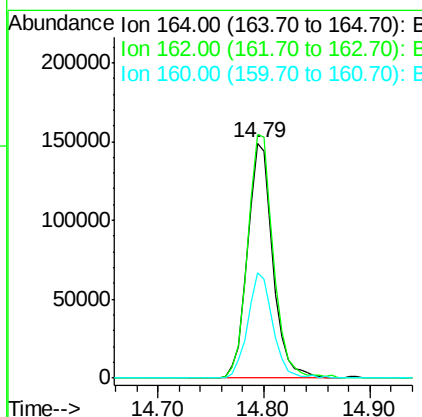
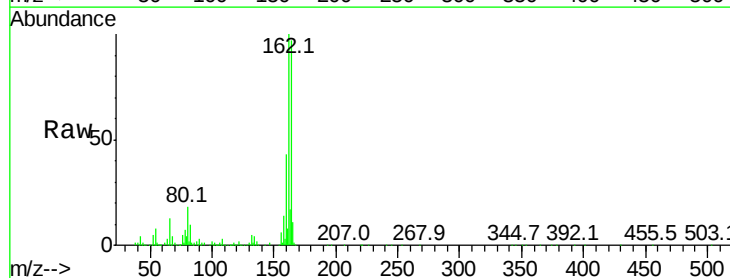
Instrument :
 BNA_G
 ClientSampleId :
 SP-COMP-02B-0-2FT

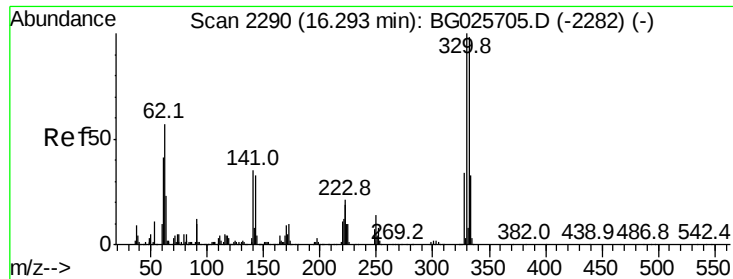
Tot Ion	82	Resp	711226
Ion Ratio	Lower	Upper	
82	100		
128	32.6	26.4	39.6
54	61.2	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG025778.D
 Acq: 3 Feb 2017 4:08

Tgt Ion	164	Resp	249929
Ion Ratio	Lower	Upper	
164	100		
162	103.6	85.1	127.7
160	44.9	34.7	52.1

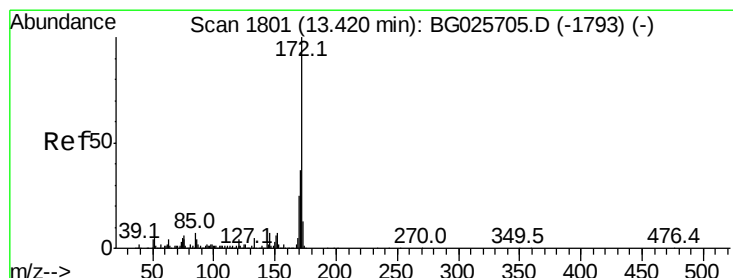
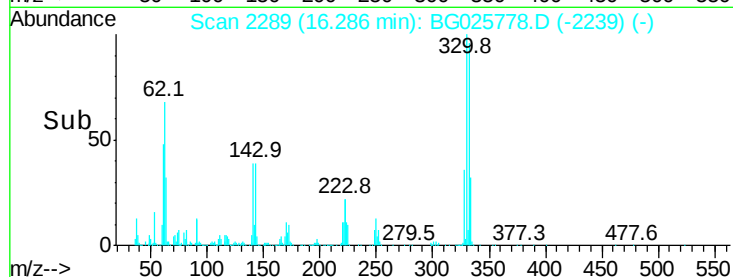
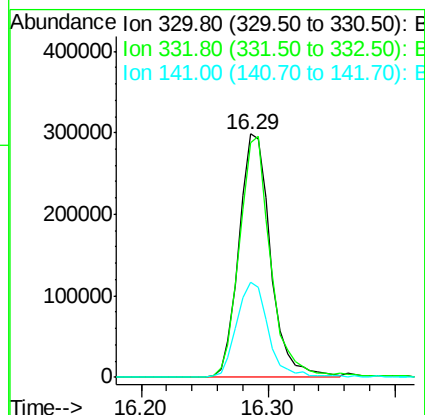
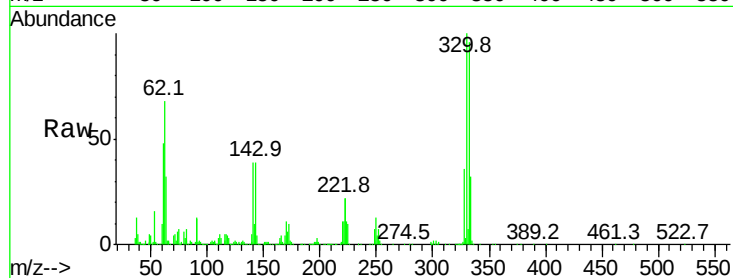




#41
 2,4,6-Tribromophenol
 Concen: 144.90 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG025778.D
 Acq: 3 Feb 2017 4:08

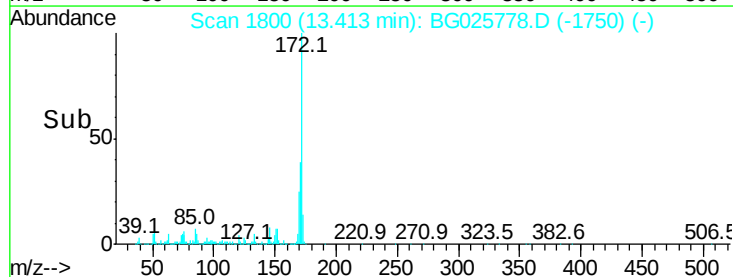
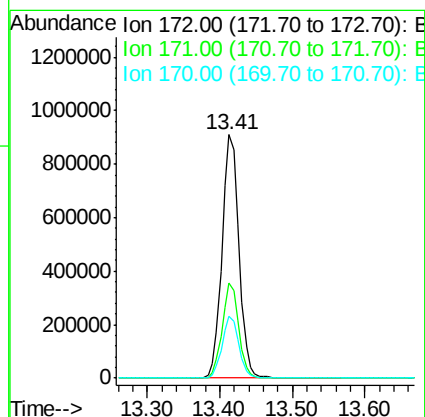
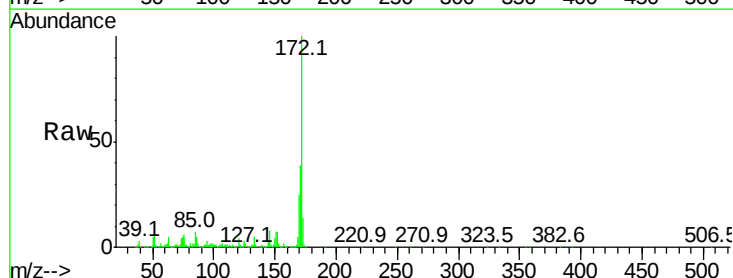
Instrument :
 BNA_G
 ClientSampleId :
 SP-COMP-02B-0-2FT

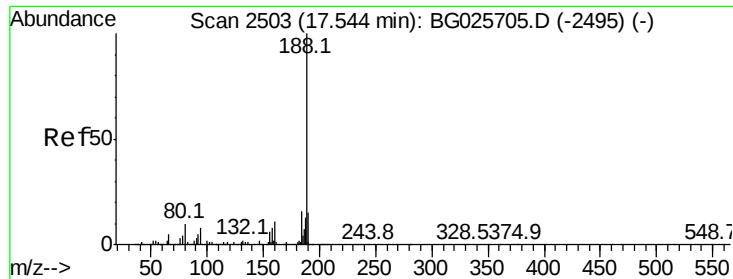
Tot Ion:330 Resp: 516460
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.3 115.9
 141 39.4 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 96.13 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG025778.D
 Acq: 3 Feb 2017 4:08

Tgt Ion:172 Resp: 1479377
 Ion Ratio Lower Upper
 172 100
 171 39.2 32.2 48.2
 170 25.3 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG025778.D

Acq: 3 Feb 2017 4:08

Instrument :

BNA_G

ClientSampleId :

SP-COMP-02B-0-2FT

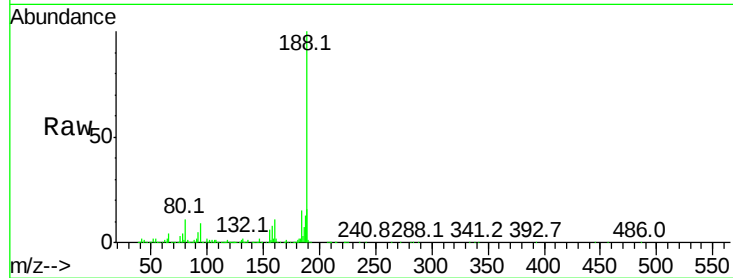
Tot Ion:188 Resp: 568833

Ion Ratio Lower Upper

188 100

94 8.6 5.8 8.8

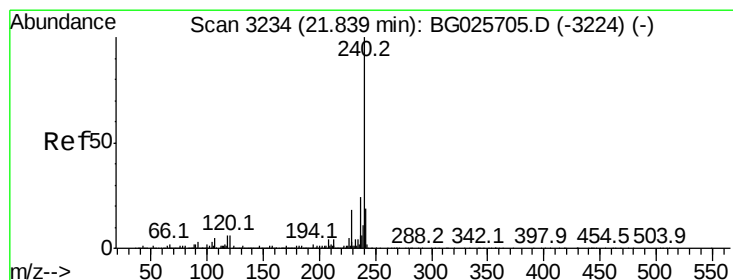
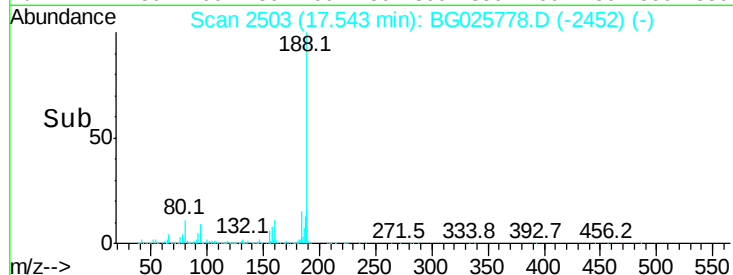
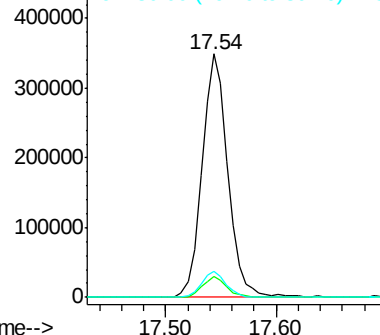
80 10.9 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BG025778.D

Acq: 3 Feb 2017 4:08

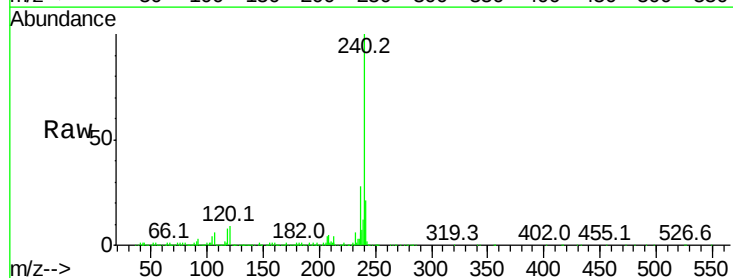
Tgt Ion:240 Resp: 708375

Ion Ratio Lower Upper

240 100

120 8.5 5.7 8.5#

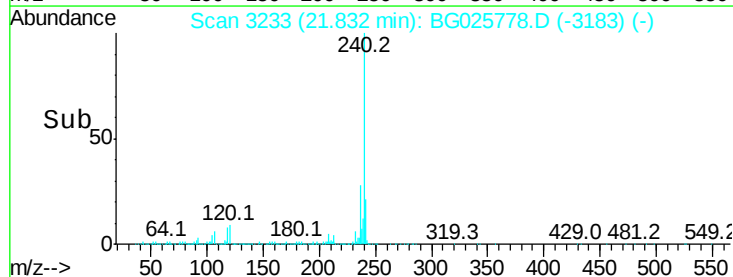
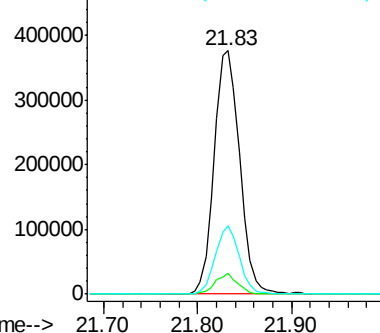
236 27.9 22.2 33.4

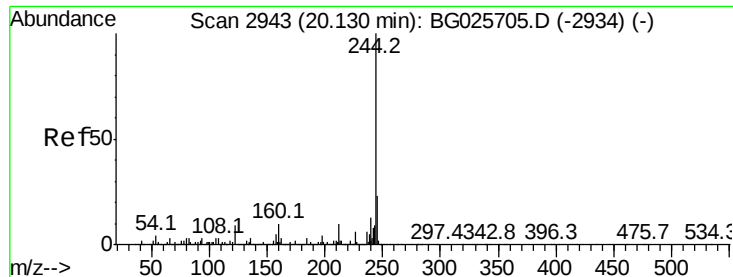


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.94 ng

RT: 20.12 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG025778.D

Acq: 3 Feb 2017 4:08

Instrument :

BNA_G

ClientSampleId :

SP-COMP-02B-0-2FT

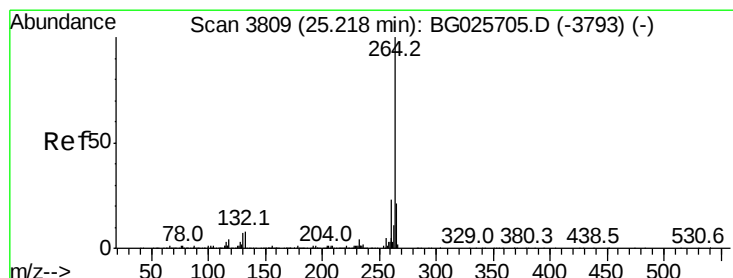
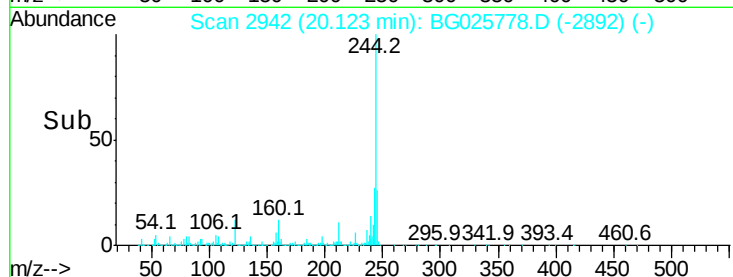
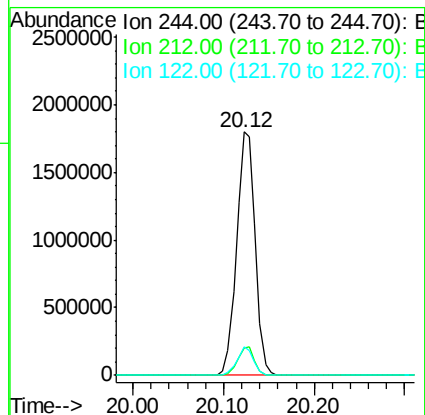
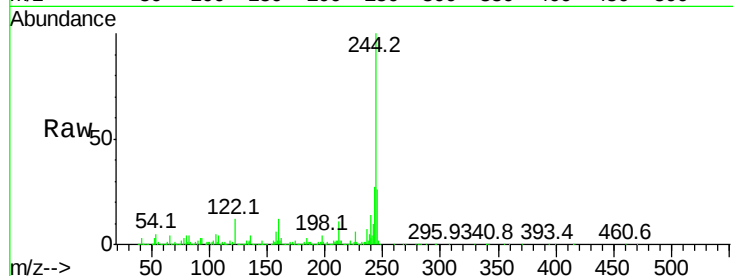
Tot Ion:244 Resp: 2580960

Ion Ratio Lower Upper

244 100

212 11.2 10.0 15.0

122 11.7 8.6 12.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3808

Delta R.T. -0.01 min

Lab File: BG025778.D

Acq: 3 Feb 2017 4:08

Tgt Ion:264 Resp: 663542

Ion Ratio Lower Upper

264 100

260 26.0 21.8 32.8

265 22.2 18.2 27.4

