

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 04:50:52 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

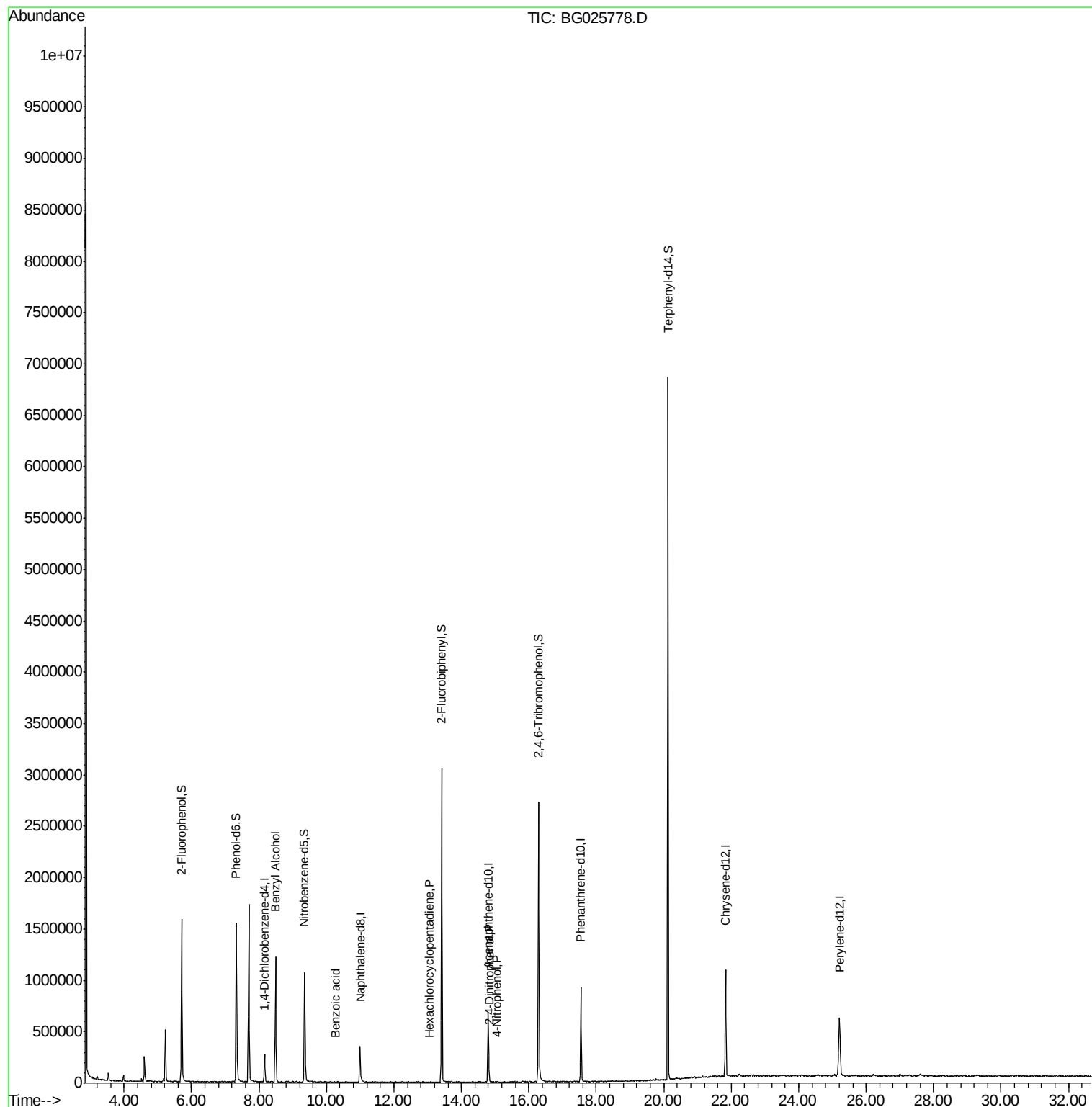
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	72716	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	303732	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	249929	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	568833	20.00	ng	0.00
75) Chrysene-d12	21.83	240	708375	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						
15) Benzyl Alcohol	8.49	79	10561	2.06	ng	# 42
32) Benzoic acid	10.26	122	125	7.92	ng	# 1
40) Hexachlorocyclopentadiene	13.05	237	78	10.70	ng	# 29
53) 2,4-Dinitrophenol	14.82	184	68	9.46	ng	# 15
55) 4-Nitrophenol	15.06	139	68	5.60	ng	# 1

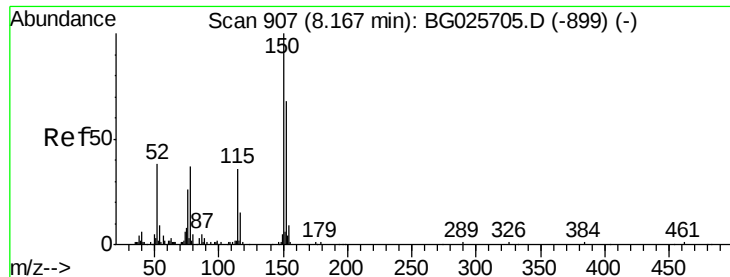
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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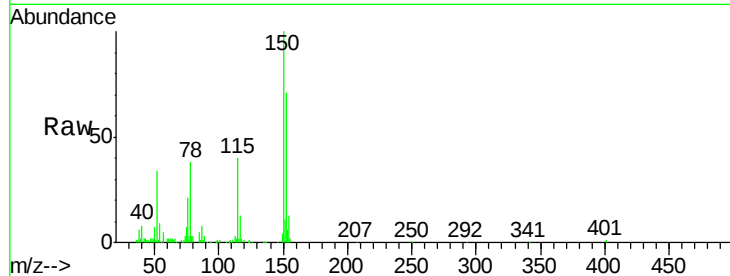


#1

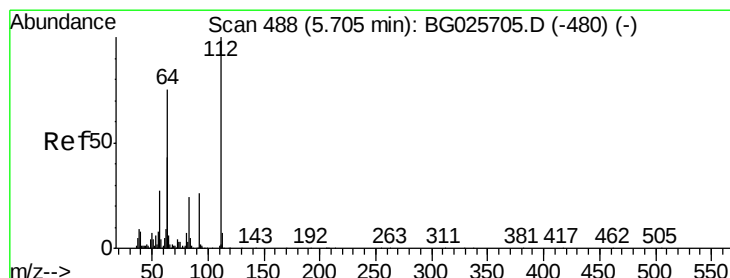
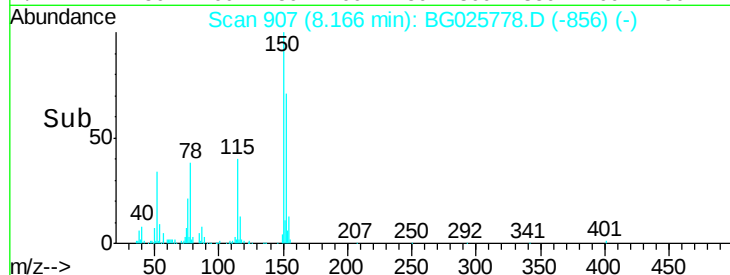
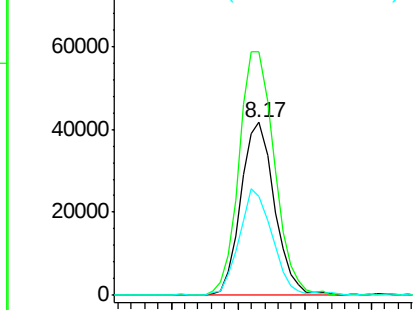
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.00 min
Lab File: BG025778.D
Acq: 3 Feb 2017 4:08

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

Tgt Ion:152 Resp: 72716
Ion Ratio Lower Upper
152 100
150 141.0 114.0 171.0
115 57.0 48.1 72.1



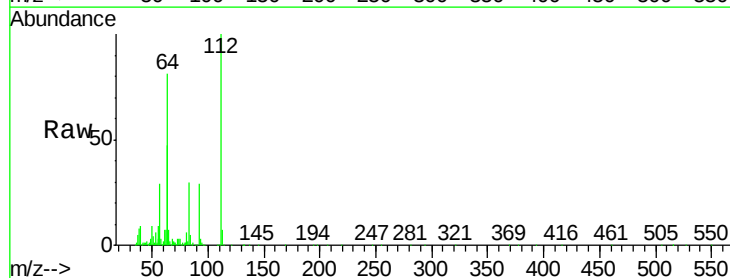
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



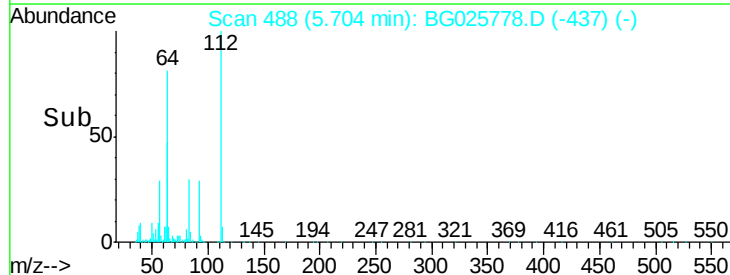
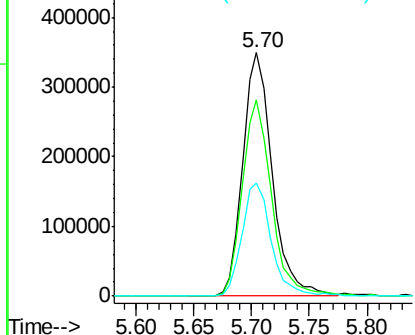
#5

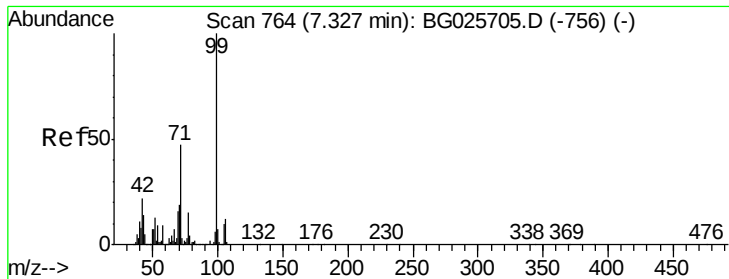
2-Fluorophenol
Concen: 152.91 ng
RT: 5.70 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG025778.D
Acq: 3 Feb 2017 4:08

Tgt Ion:112 Resp: 620407
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

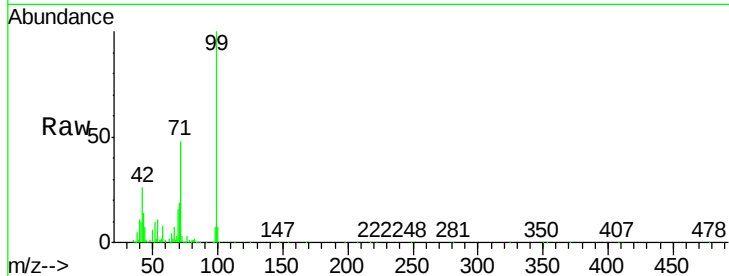
Tgt Ion: 99 Resp: 846909

Ion Ratio Lower Upper

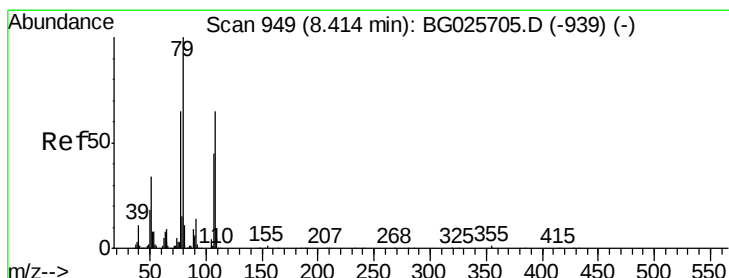
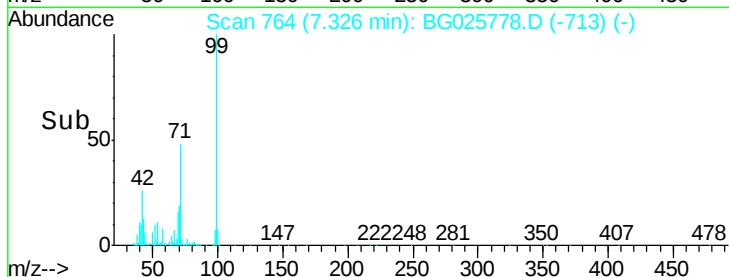
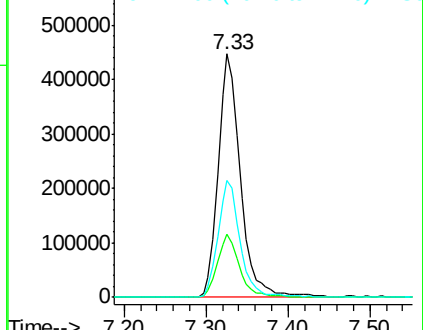
99 100

42 26.1 20.5 30.7

71 47.9 37.6 56.4



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



#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 8.49 min Scan# 962

Delta R.T. 0.08 min

Lab File: BG025778.D

Acq: 3 Feb 2017 4:08

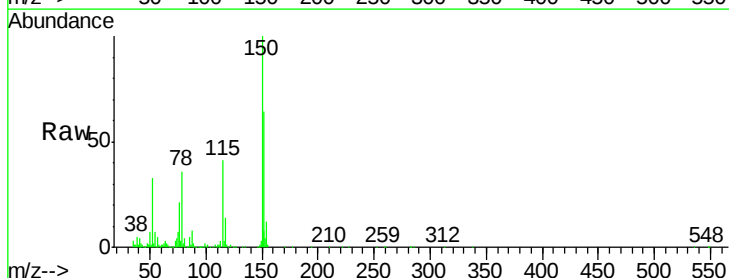
Tgt Ion: 79 Resp: 10561

Ion Ratio Lower Upper

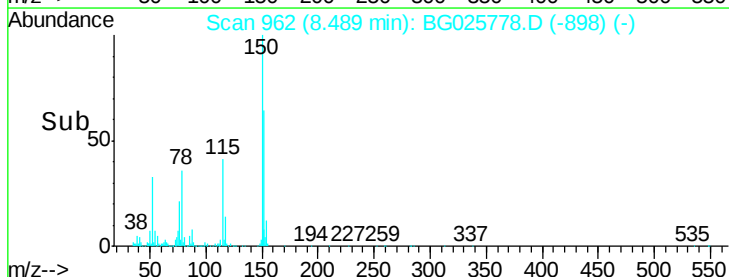
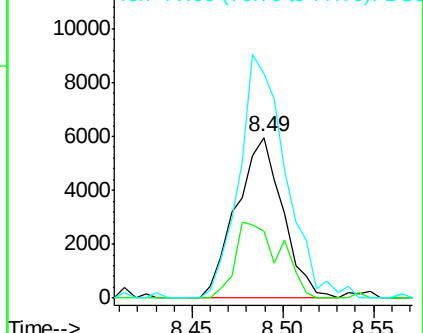
79 100

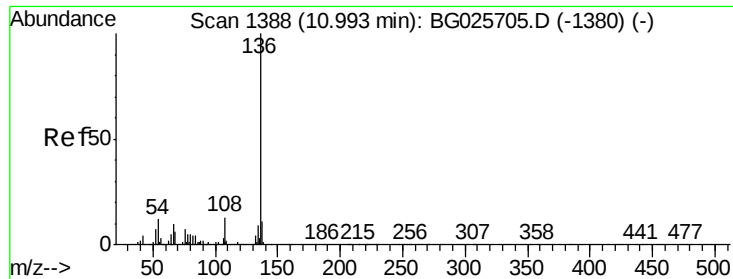
108 41.4 45.5 68.3#

77 140.0 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

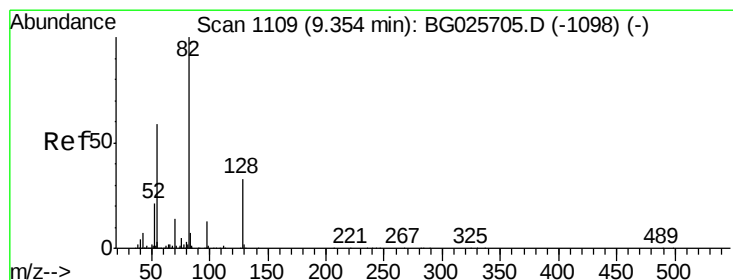
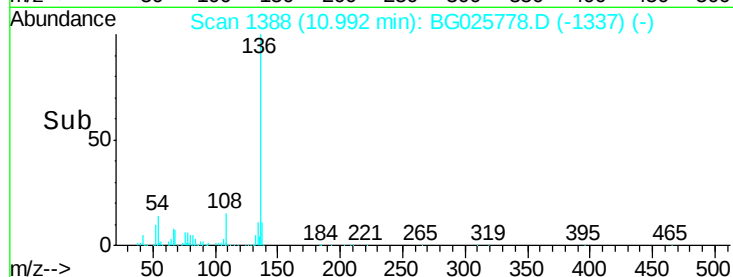
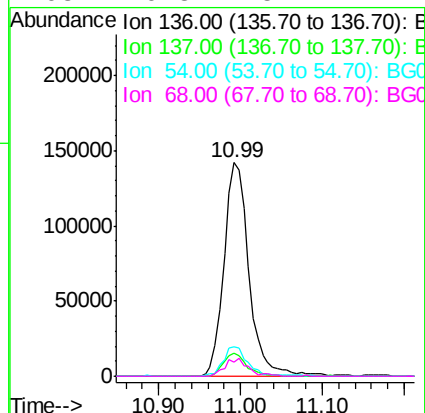
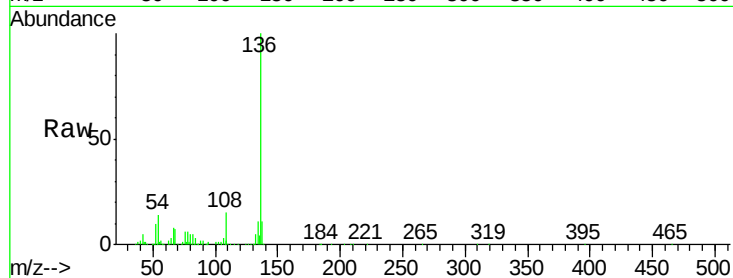




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BG025778.D
Acq: 3 Feb 2017 4:08

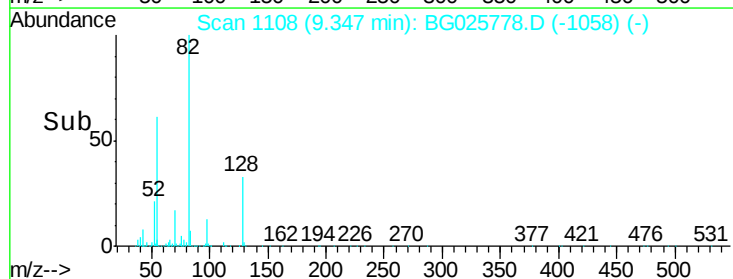
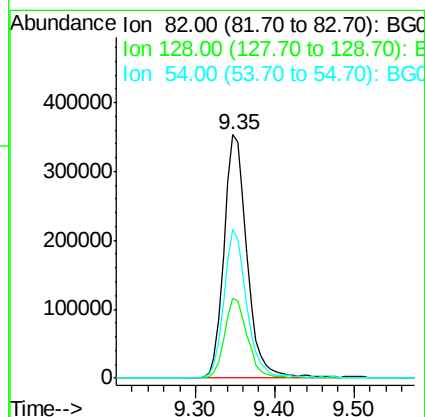
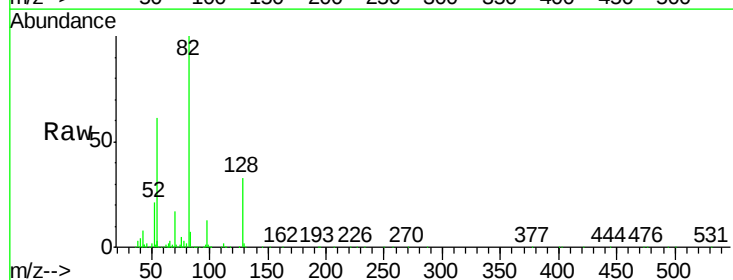
Instrument :
BNA_G
ClientSampleId :
SP-COMP-02B-0-2FT

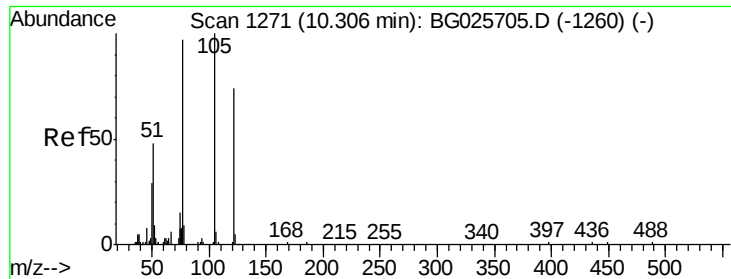
Tgt Ion:	136	Resp:	303732
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	14.1	9.3	13.9#
68	6.8	5.1	7.7



#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

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





#32

Benzoic acid

Concen: 7.92 ng

RT: 10.26 min Scan# 1264

Delta R.T. -0.04 min

Lab File: BG025778.D

Acq: 3 Feb 2017 4:08

Instrument :

BNA_G

ClientSampleId :

SP-COMP-02B-0-2FT

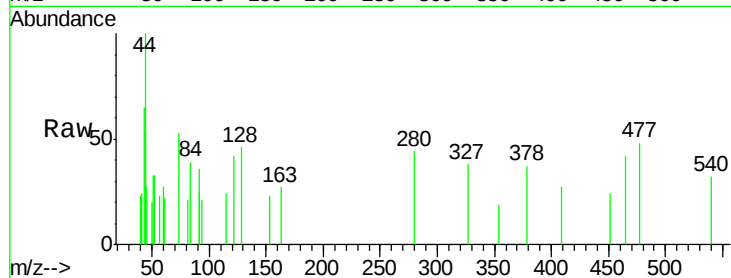
Tgt Ion:122 Resp: 125

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

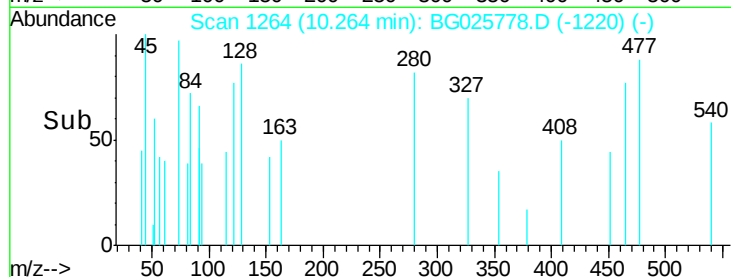
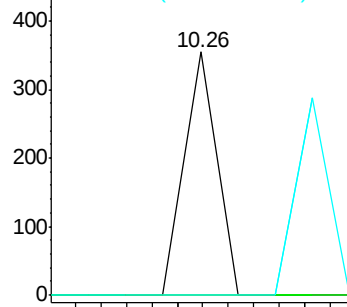
77 0.0 104.6 144.6#



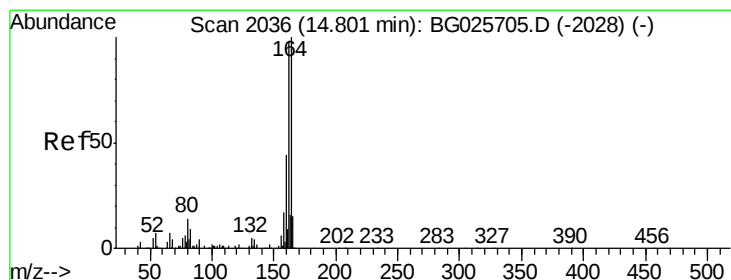
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E



Time-->



#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

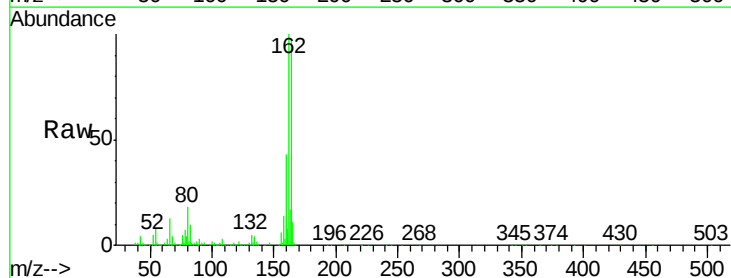
Tgt Ion:164 Resp: 249929

Ion Ratio Lower Upper

164 100

162 103.6 85.1 127.7

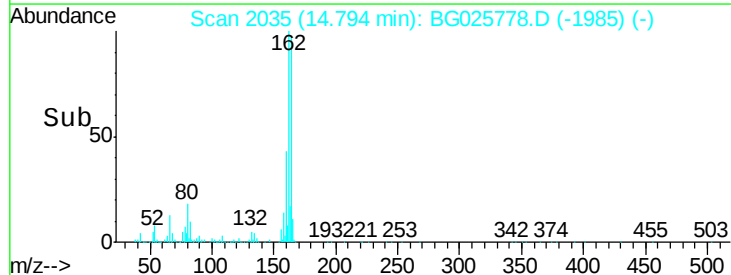
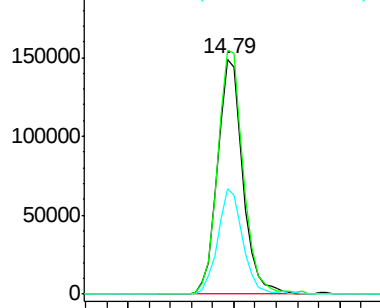
160 44.9 34.7 52.1



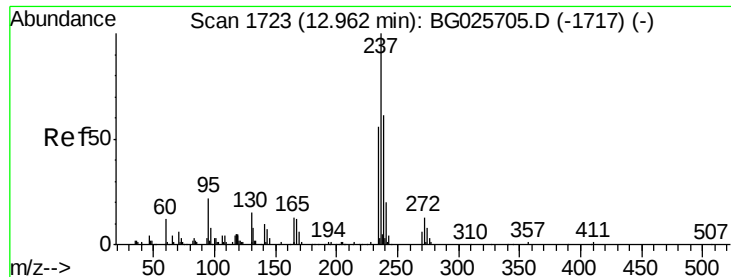
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



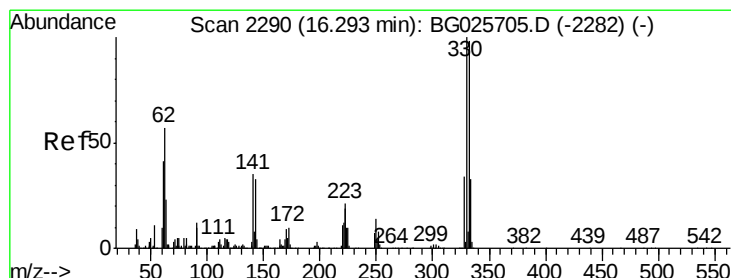
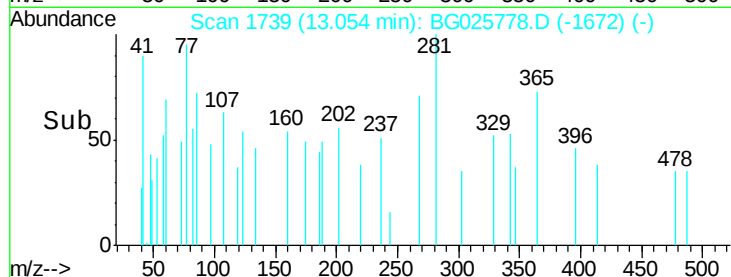
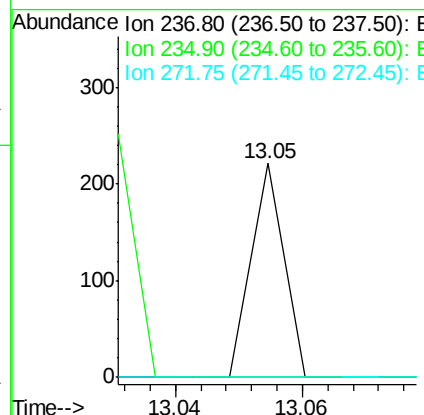
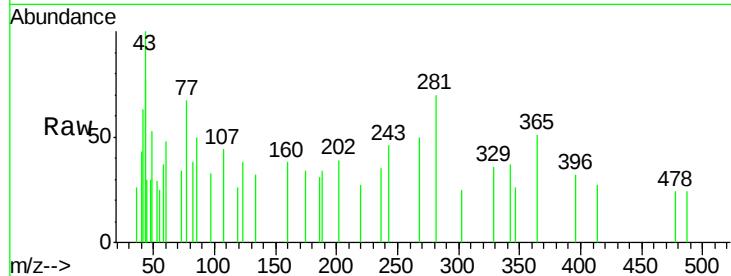
Time-->



#40
Hexachlorocyclopentadiene
Concen: 10.70 ng
RT: 13.05 min Scan# 1739
Delta R.T. 0.09 min
Lab File: BG025778.D
Acq: 3 Feb 2017 4:08

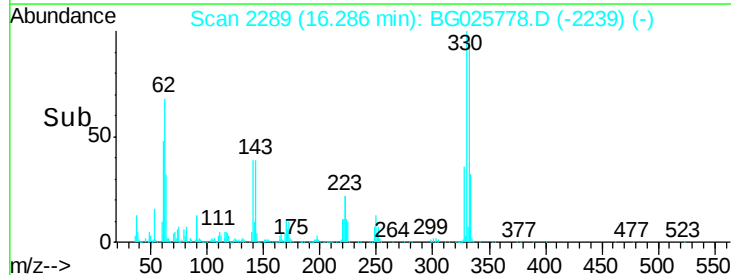
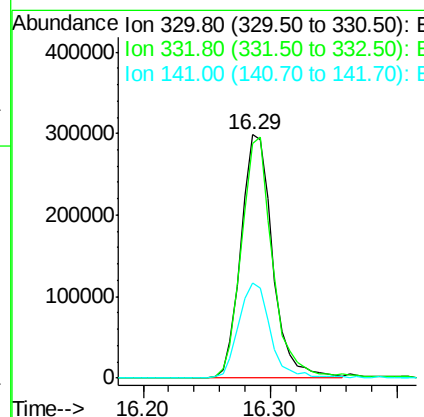
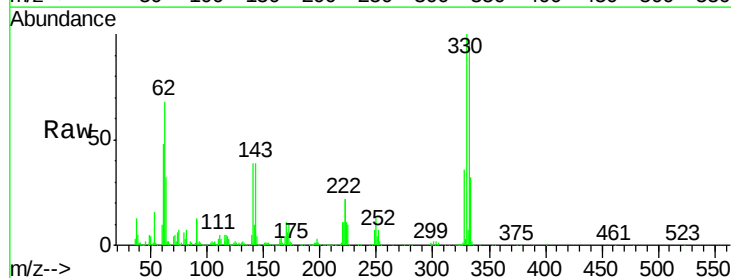
Instrument :
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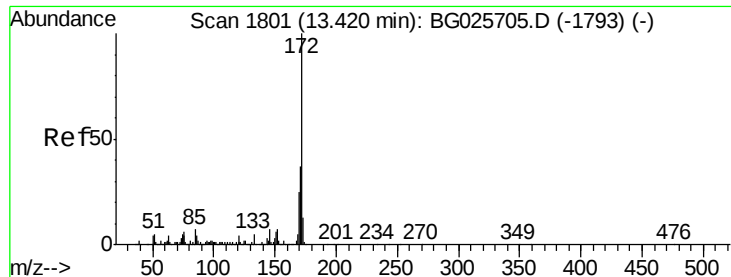
Tgt Ion: 237 Resp: 78
Ion Ratio Lower Upper
237 100
235 0.0 39.4 79.4#
272 0.0 0.0 32.0



#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

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

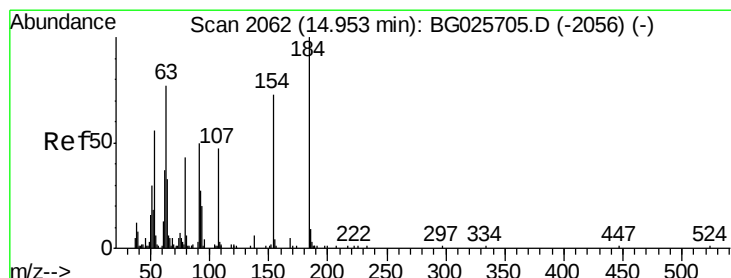
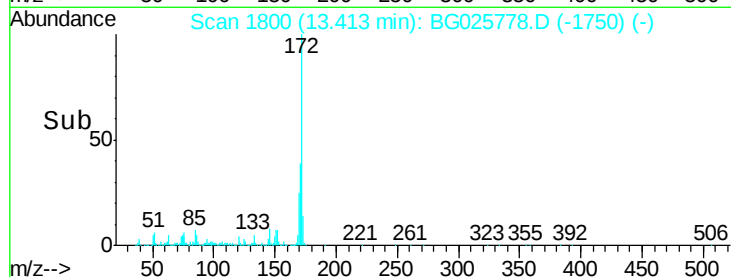
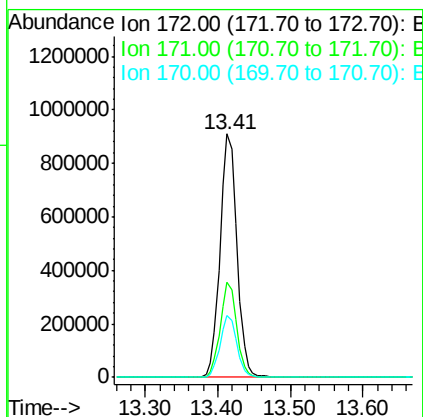
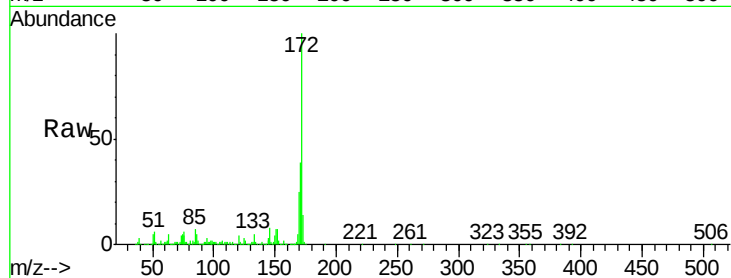




#44
 2-Fluorobiphenyl
 Concen: 96.13 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG025778.D
 Acq: 3 Feb 2017 4:08

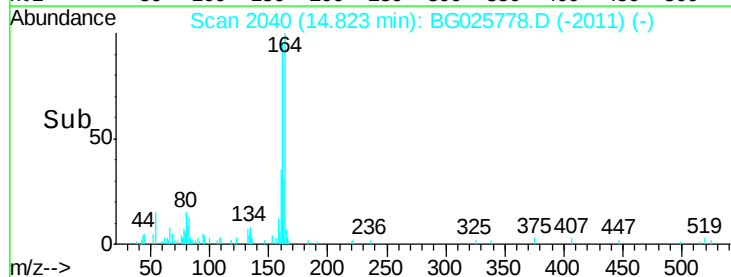
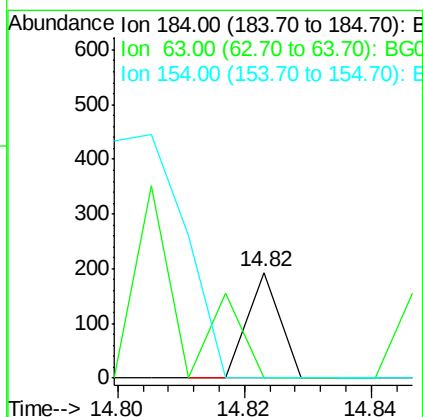
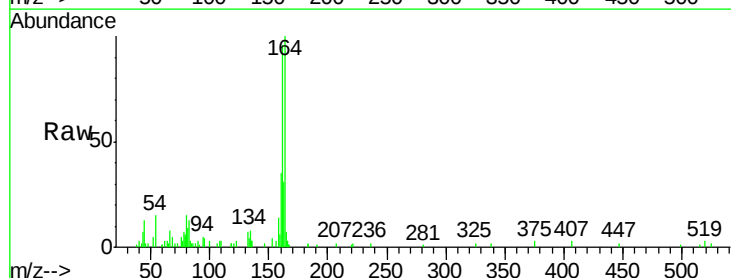
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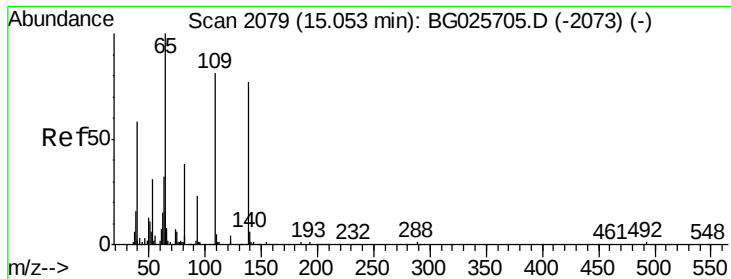
Tgt Ion:172 Resp: 1479377
 Ion Ratio Lower Upper
 172 100
 171 39.2 32.2 48.2
 170 25.3 21.8 32.6



#53
 2,4-Dinitrophenol
 Concen: 9.46 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.13 min
 Lab File: BG025778.D
 Acq: 3 Feb 2017 4:08

Tgt Ion:184 Resp: 68
 Ion Ratio Lower Upper
 184 100
 63 0.0 52.7 79.1#
 154 0.0 57.3 85.9#

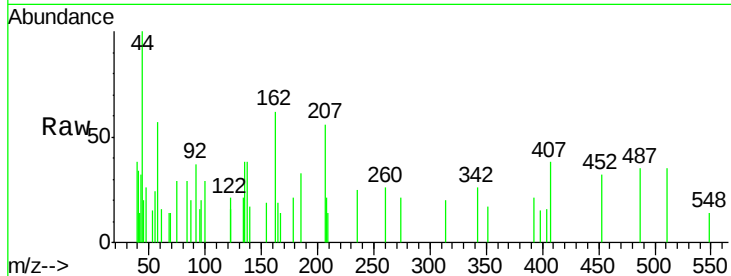




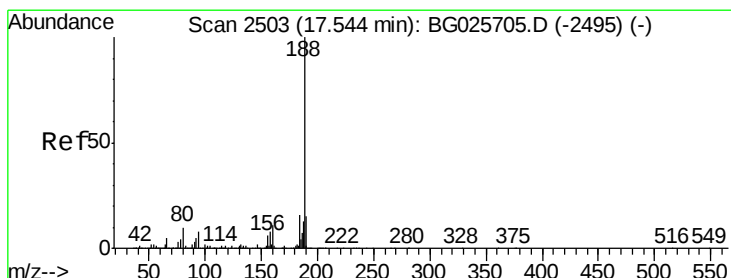
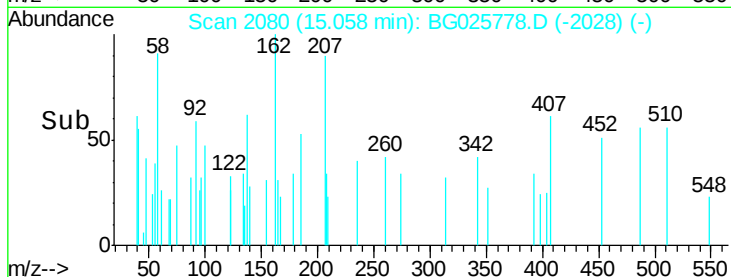
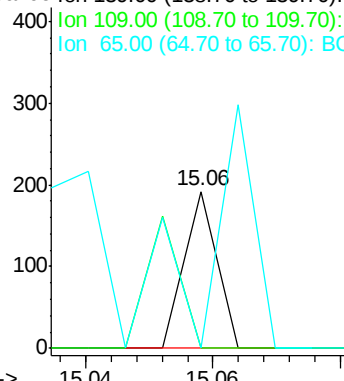
#55
4-Nitrophenol
Concen: 5.60 ng
RT: 15.06 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BG025778.D
Acq: 3 Feb 2017 4:08

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

Tgt Ion:139 Resp: 68
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 0.0 135.3 175.3#

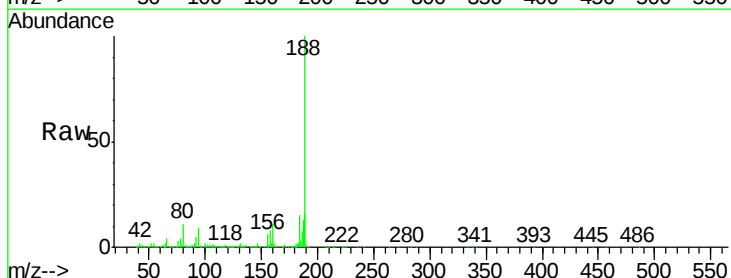


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

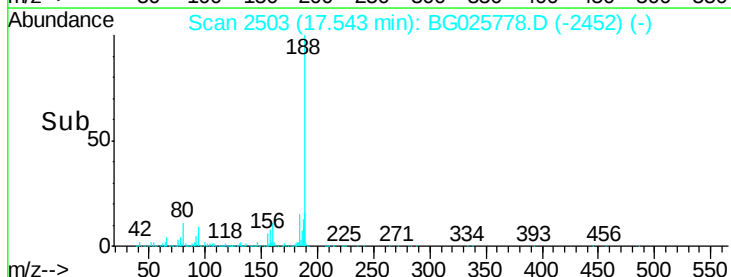
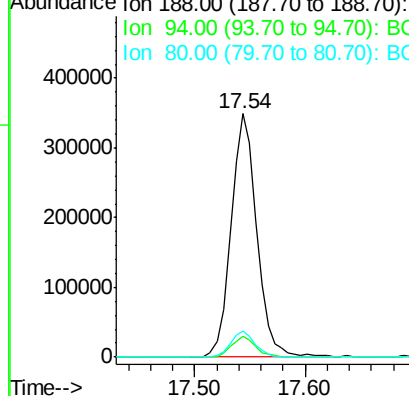


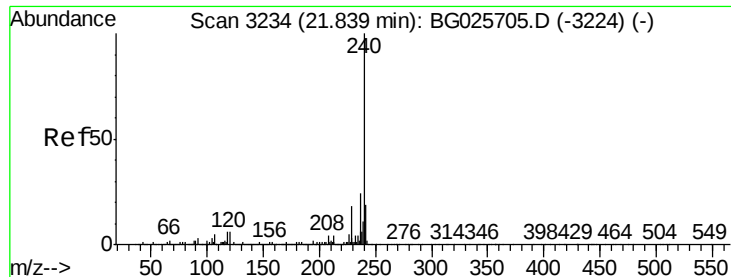
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG025778.D
Acq: 3 Feb 2017 4:08

Tgt 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

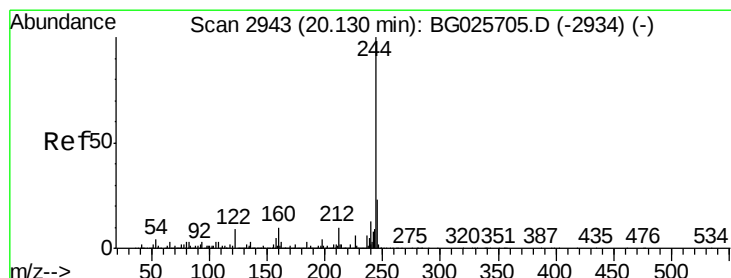
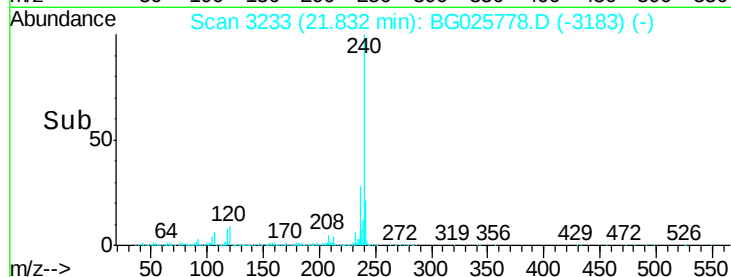
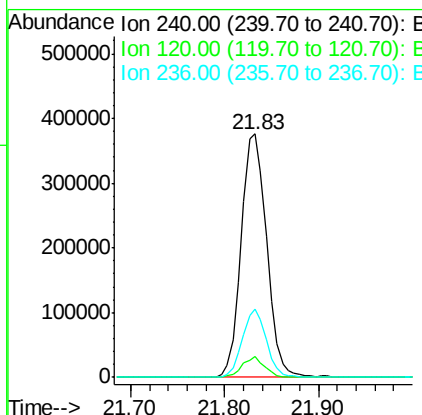
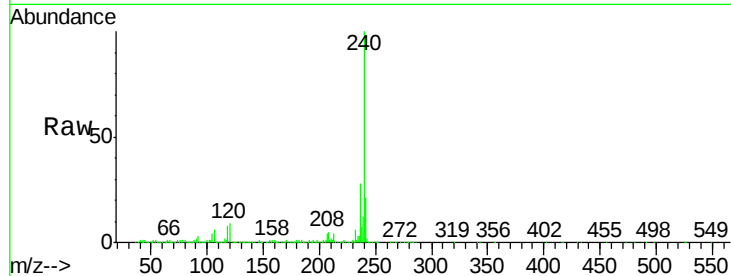




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3233
Delta R.T. -0.01 min
Lab File: BG025778.D
Acq: 3 Feb 2017 4:08

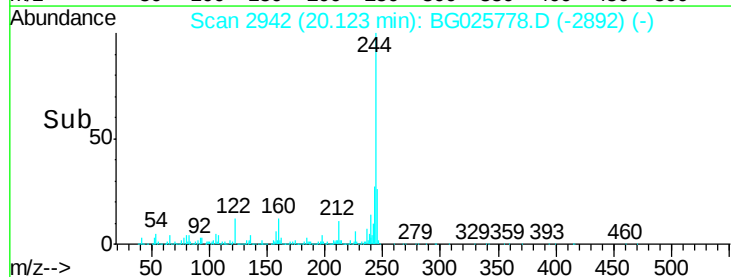
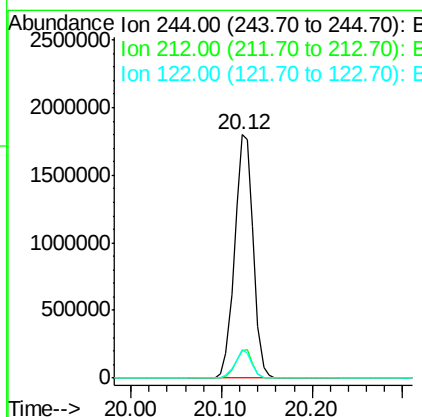
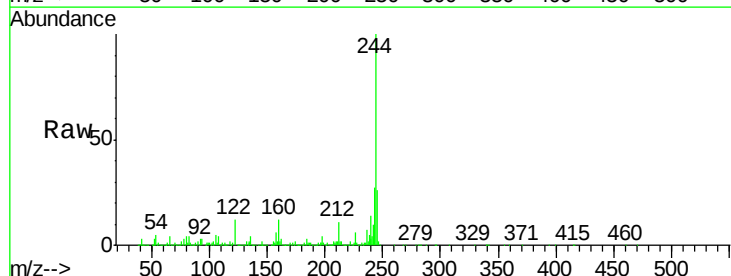
Instrument :
BNA_G
ClientSampleId :
SP-COMP-02B-0-2FT

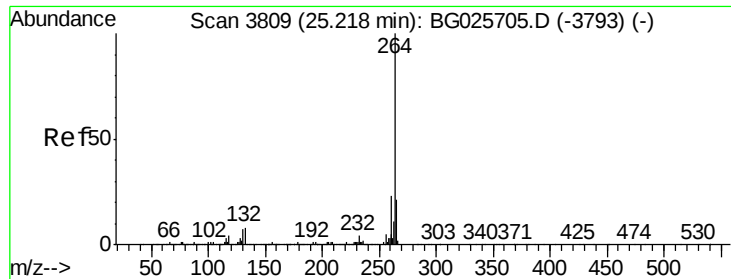
Tgt Ion:240 Resp: 708375
Ion Ratio Lower Upper
240 100
120 8.5 5.7 8.5#
236 27.9 22.2 33.4



#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

Tgt 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

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.8	32.8
265	22.2	18.2	27.4

