

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020317\
 Data File : BG025779.D
 Acq On : 3 Feb 2017 4:47
 Operator : SJ/MA
 Sample : I1659-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CENTER-COMP

Quant Time: Feb 03 05:46:41 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

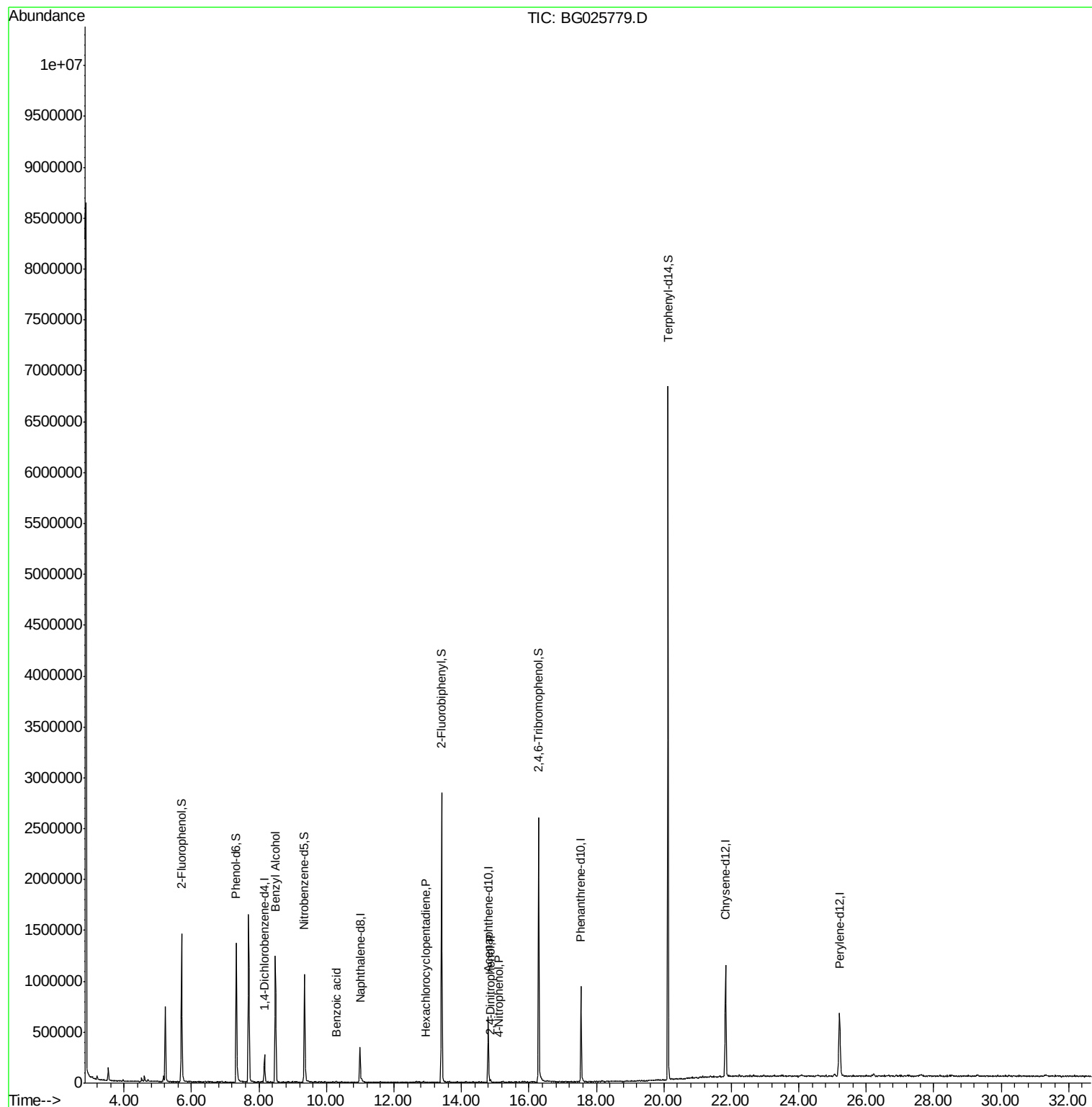
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	72858	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	297048	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	239082	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	577726	20.00	ng	0.00
75) Chrysene-d12	21.83	240	735297	20.00	ng	-0.01
86) Perylene-d12	25.21	264	728263	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	588981	144.88	ng	0.00
7) Phenol-d6	7.33	99	776068	130.71	ng	0.00
23) Nitrobenzene-d5	9.35	82	700933	99.70	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	499721	146.56	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1411370	95.88	ng	0.00
78) Terphenyl-d14	20.13	244	2564627	84.19	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	10957	2.13	ng	# 12
32) Benzoic acid	10.30	122	70	7.91	ng	# 1
40) Hexachlorocyclopentadiene	12.93	237	53	10.70	ng	# 29
53) 2,4-Dinitrophenol	14.85	184	133	9.49	ng	# 1
55) 4-Nitrophenol	15.11	139	168	5.63	ng	# 1

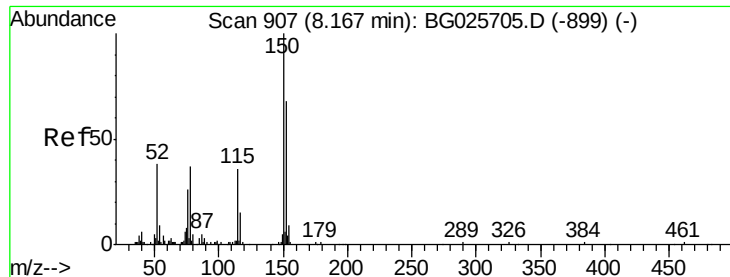
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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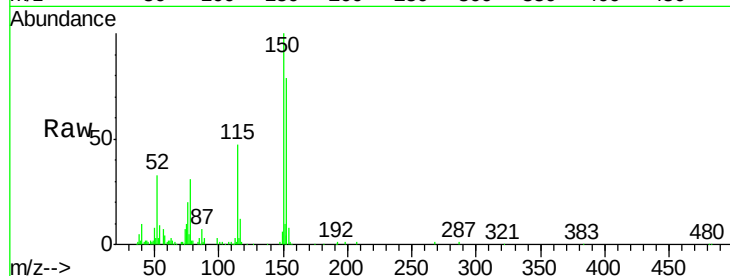


#1

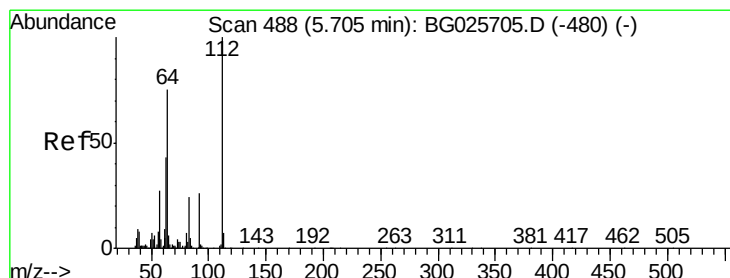
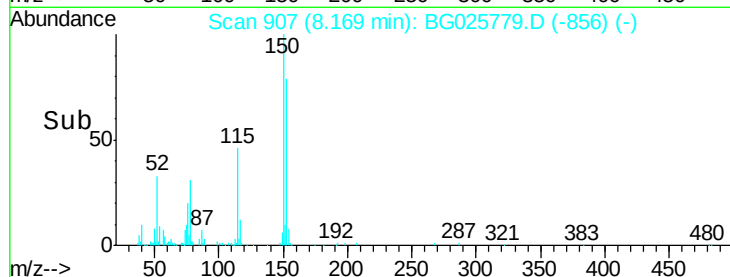
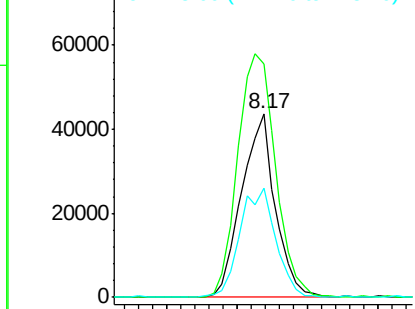
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. 0.00 min
Lab File: BG025779.D
Acq: 3 Feb 2017 4:47

Instrument :
BNA_G
ClientSampleId :
CENTER-COMP

Tgt Ion:152 Resp: 72858
Ion Ratio Lower Upper
152 100
150 126.7 114.0 171.0
115 59.2 48.1 72.1



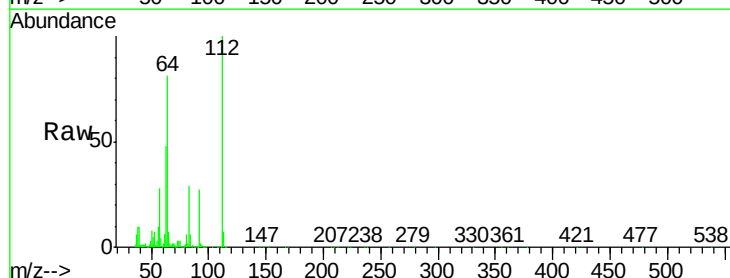
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



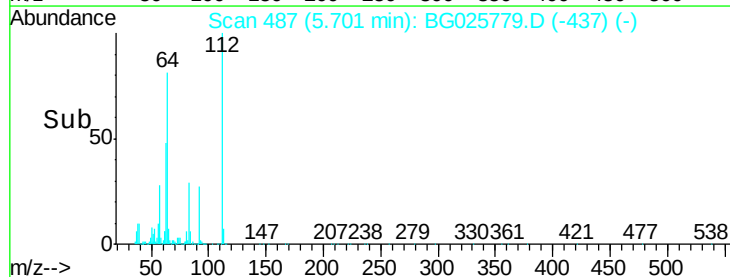
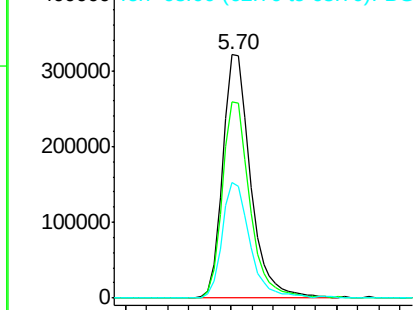
#5

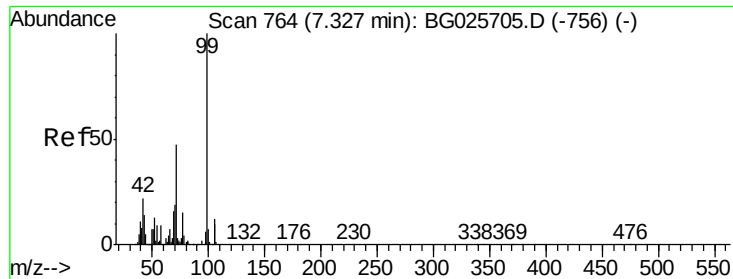
2-Fluorophenol
Concen: 144.88 ng
RT: 5.70 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG025779.D
Acq: 3 Feb 2017 4:47

Tgt Ion:112 Resp: 588981
Ion Ratio Lower Upper
112 100
64 80.7 61.8 92.6
63 47.6 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: 130.71 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG025779.D

Acq: 3 Feb 2017 4:47

Instrument :

BNA_G

ClientSampleId :

CENTER-COMP

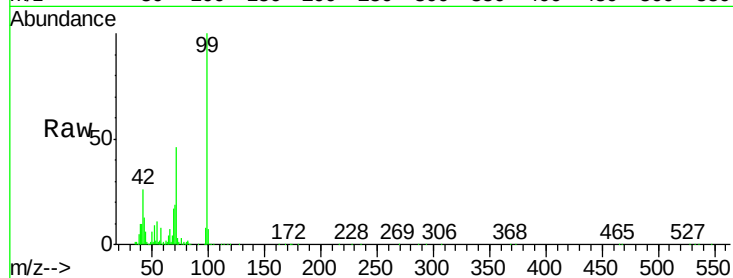
Tgt Ion: 99 Resp: 776068

Ion Ratio Lower Upper

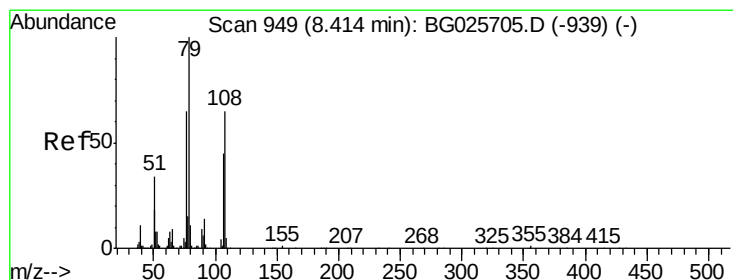
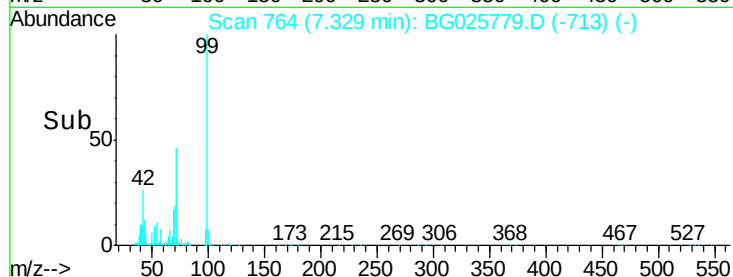
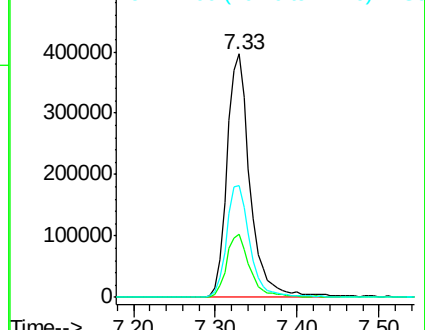
99 100

42 26.1 20.5 30.7

71 46.0 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: 2.13 ng

RT: 8.49 min Scan# 962

Delta R.T. 0.08 min

Lab File: BG025779.D

Acq: 3 Feb 2017 4:47

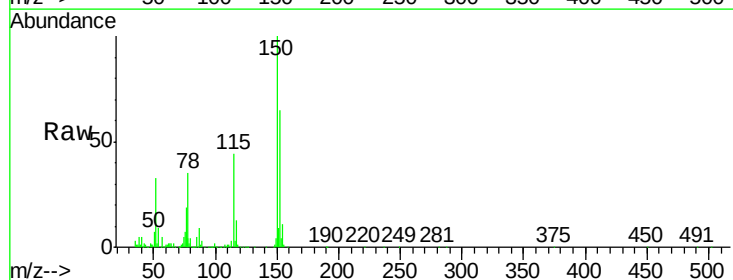
Tgt Ion: 79 Resp: 10957

Ion Ratio Lower Upper

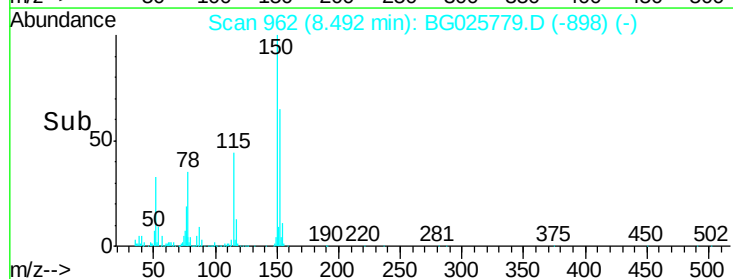
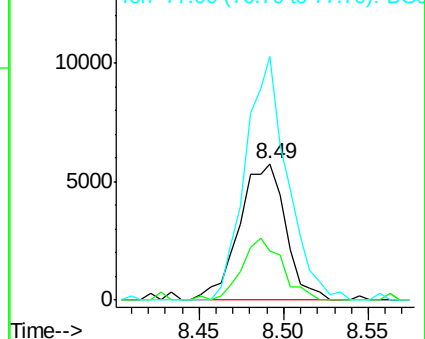
79 100

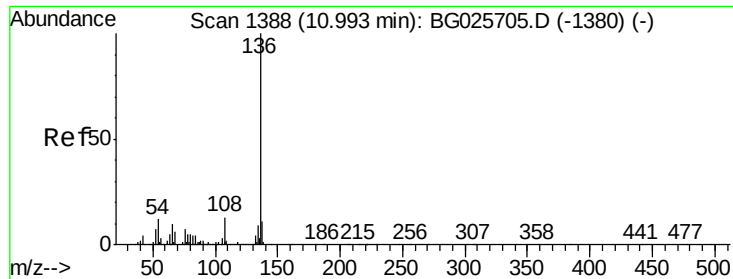
108 35.5 45.5 68.3#

77 178.4 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

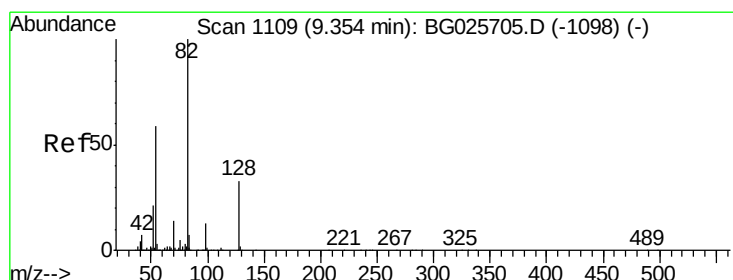
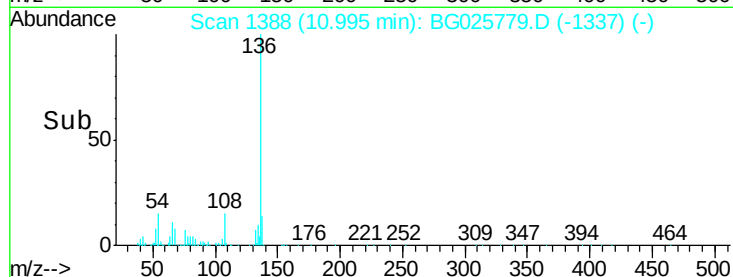
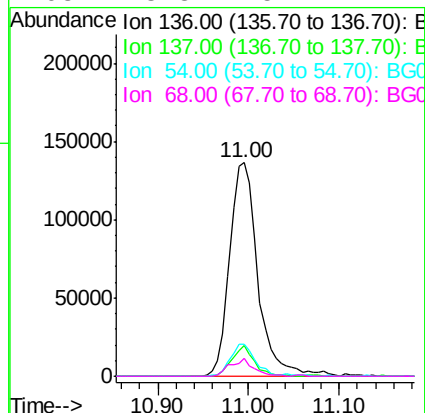
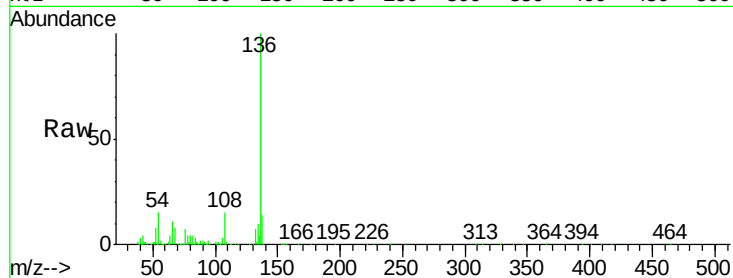




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BG025779.D
Acq: 3 Feb 2017 4:47

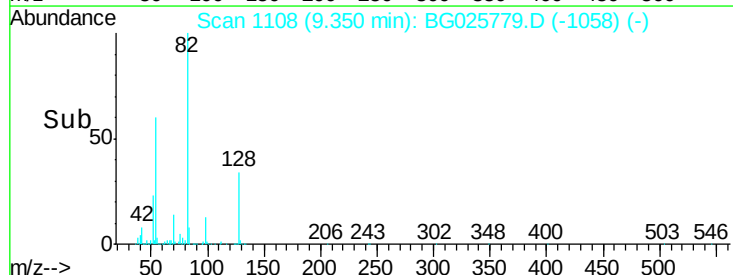
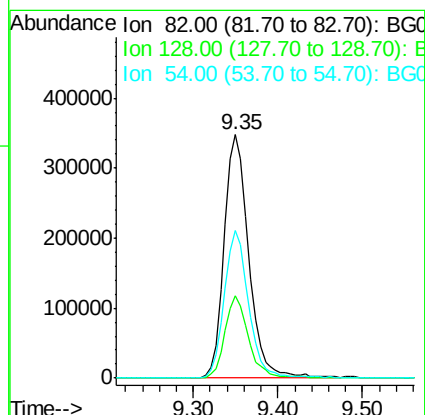
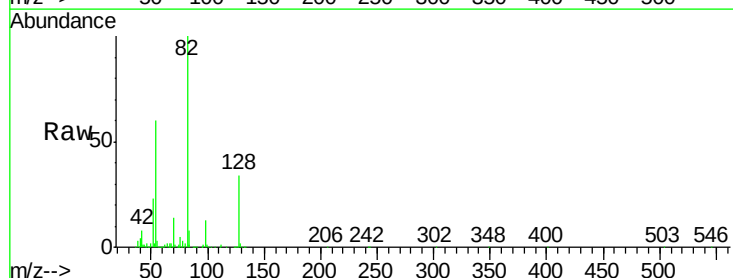
Instrument :
BNA_G
ClientSampleId :
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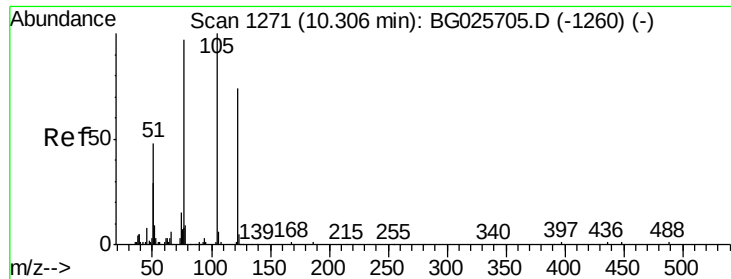
Tgt Ion	Ratio	Lower	Upper
136	100		
137	14.2	8.9	13.3#
54	14.7	9.3	13.9#
68	8.3	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 99.70 ng
RT: 9.35 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BG025779.D
Acq: 3 Feb 2017 4:47

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.7	26.4	39.6
54	60.4	49.4	74.2





#32

Benzoic acid

Concen: 7.91 ng

RT: 10.30 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BG025779.D

Acq: 3 Feb 2017 4:47

Instrument :

BNA_G

ClientSampleId :

CENTER-COMP

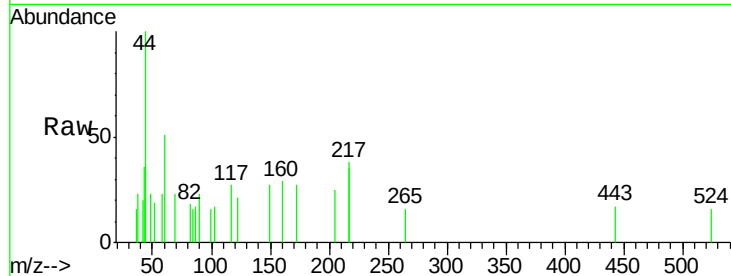
Tgt Ion:122 Resp: 70

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

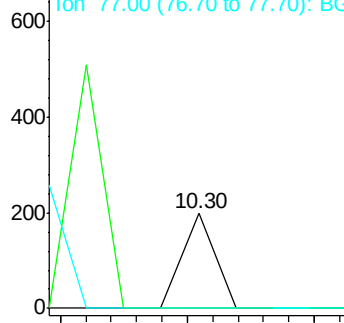
77 0.0 104.6 144.6#



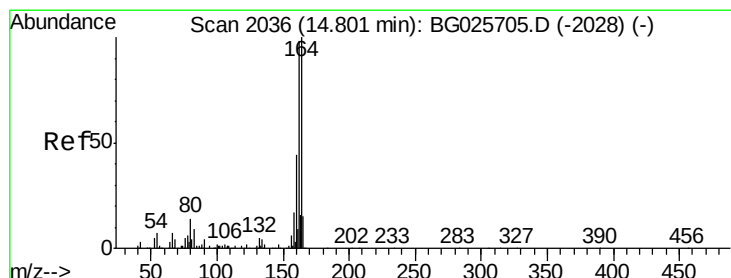
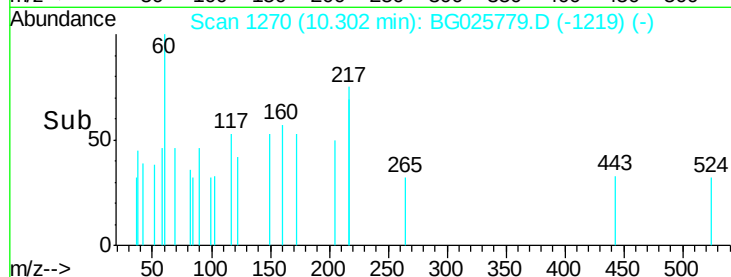
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG025779.D

Acq: 3 Feb 2017 4:47

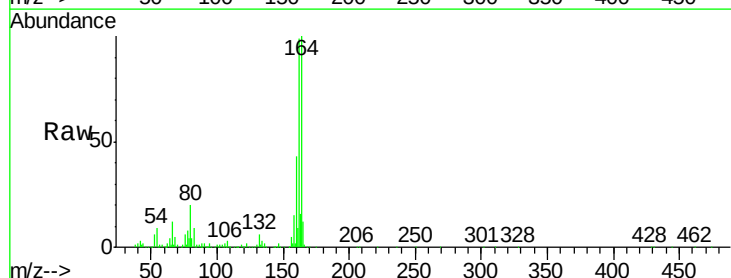
Tgt Ion:164 Resp: 239082

Ion Ratio Lower Upper

164 100

162 98.6 85.1 127.7

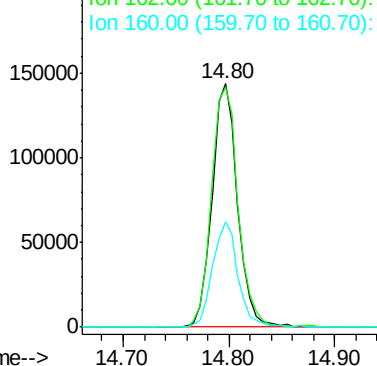
160 43.5 34.7 52.1



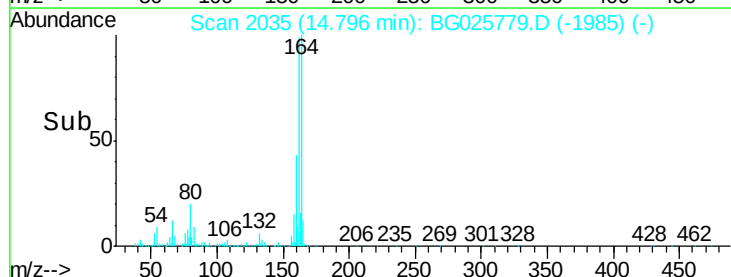
Abundance Ion 164.00 (163.70 to 164.70): E

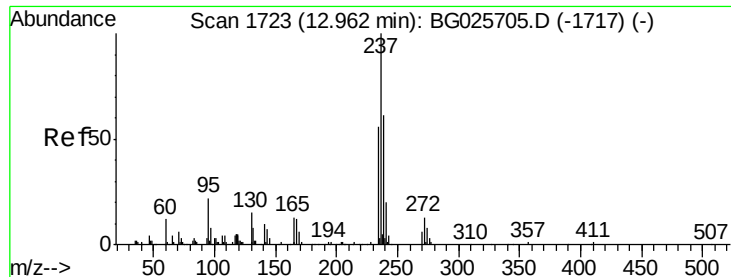
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->

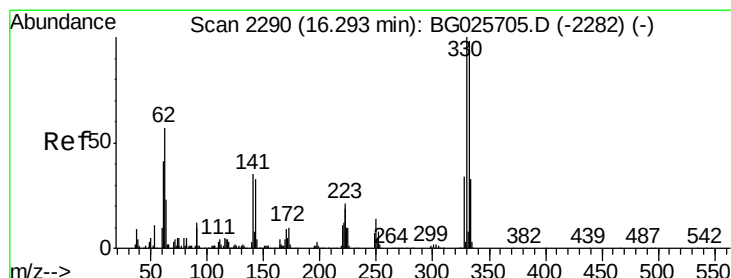
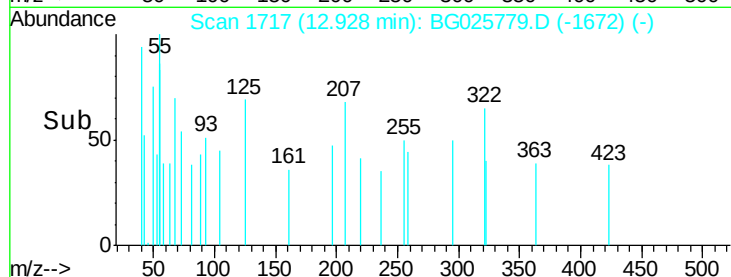
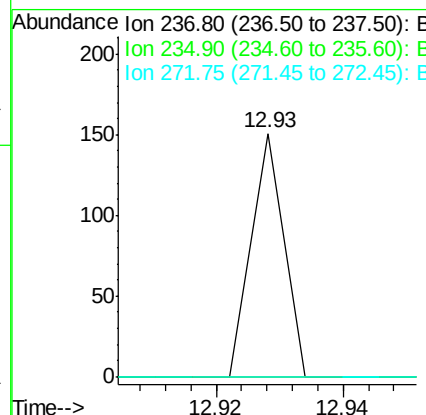
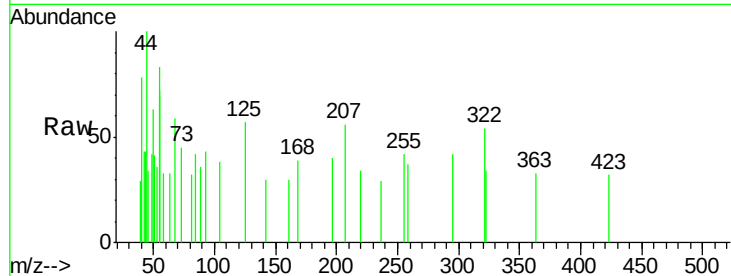




#40
Hexachlorocyclopentadiene
Concen: 10.70 ng
RT: 12.93 min Scan# 1717
Delta R.T. -0.03 min
Lab File: BG025779.D
Acq: 3 Feb 2017 4:47

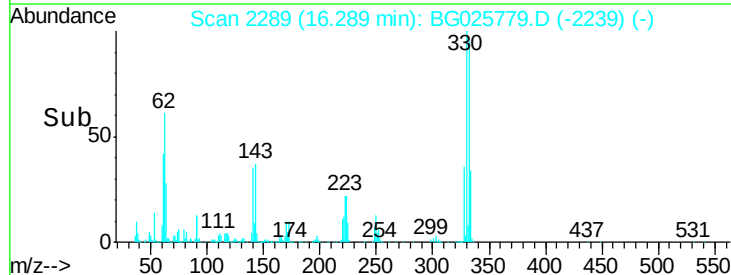
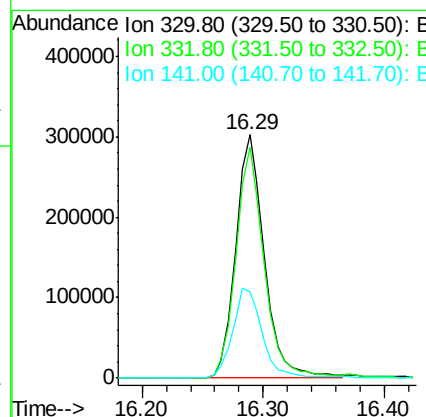
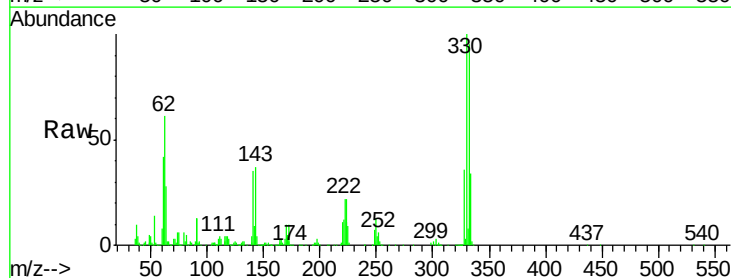
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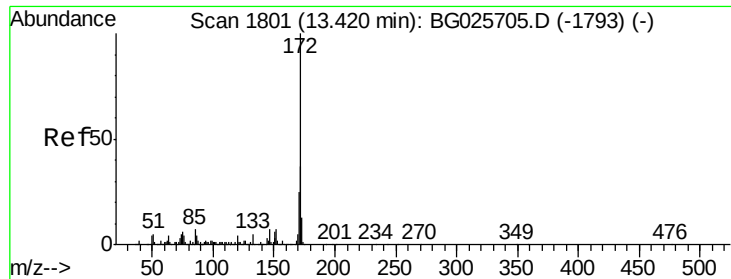
Tgt Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0



#41
2,4,6-Tribromophenol
Concen: 146.56 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG025779.D
Acq: 3 Feb 2017 4:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	37.9	32.1	48.1

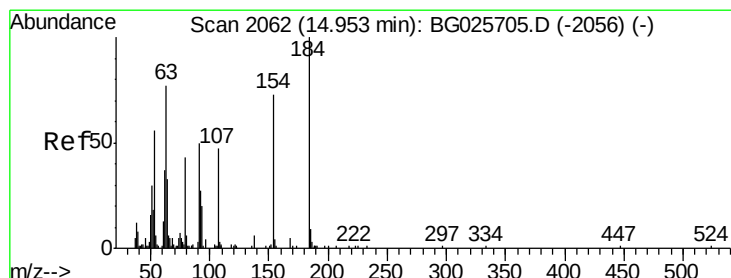
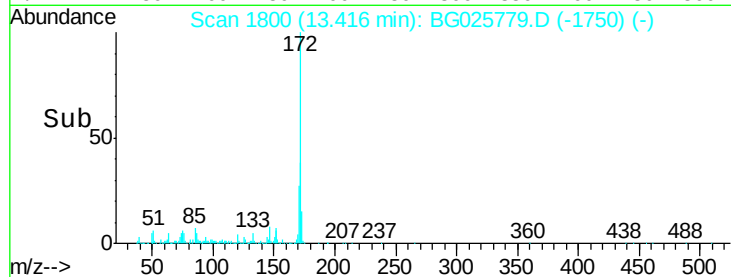
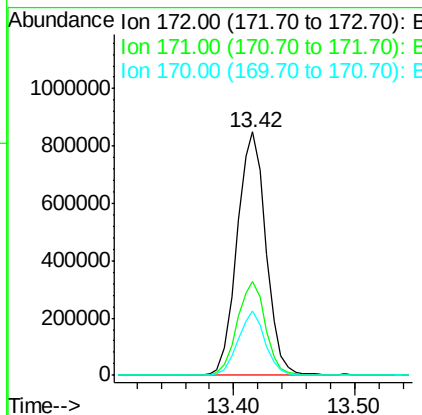
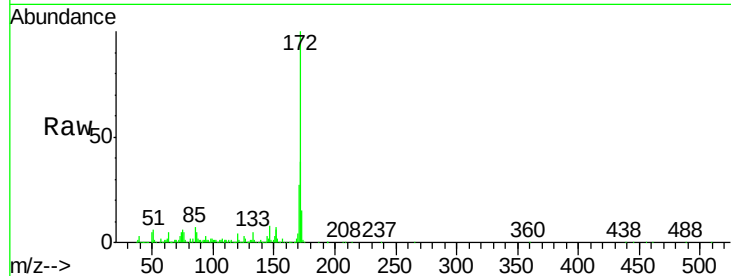




#44
2-Fluorobiphenyl
Concen: 95.88 ng
RT: 13.42 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG025779.D
Acq: 3 Feb 2017 4:47

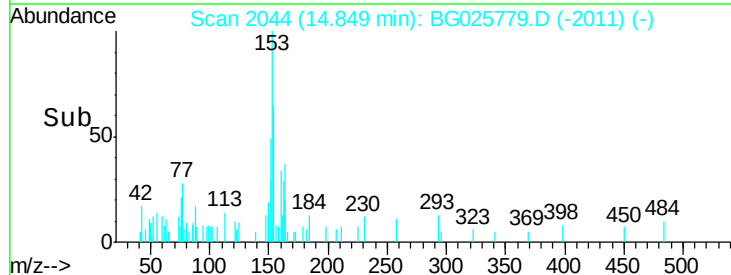
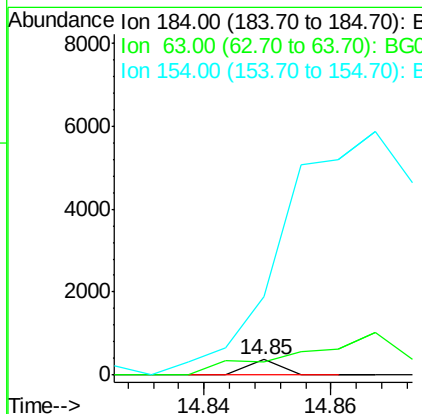
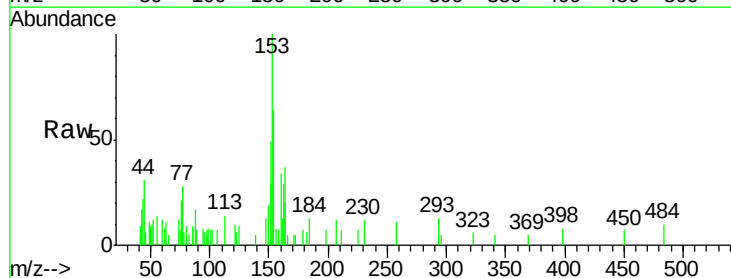
Instrument :
BNA_G
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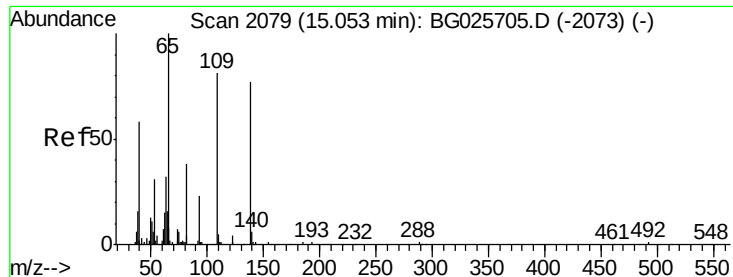
Tgt Ion:172 Resp: 1411370
Ion Ratio Lower Upper
172 100
171 38.3 32.2 48.2
170 26.6 21.8 32.6



#53
2,4-Dinitrophenol
Concen: 9.49 ng
RT: 14.85 min Scan# 2044
Delta R.T. -0.10 min
Lab File: BG025779.D
Acq: 3 Feb 2017 4:47

Tgt Ion:184 Resp: 133
Ion Ratio Lower Upper
184 100
63 85.7 52.7 79.1#
154 496.8 57.3 85.9#

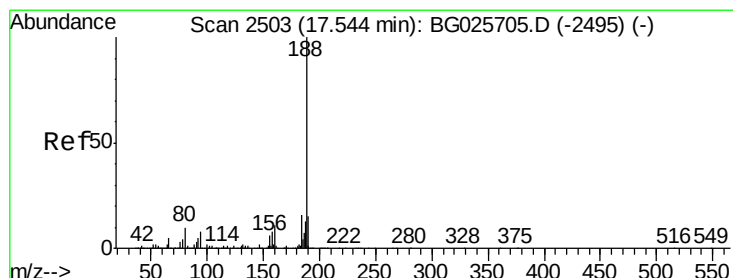
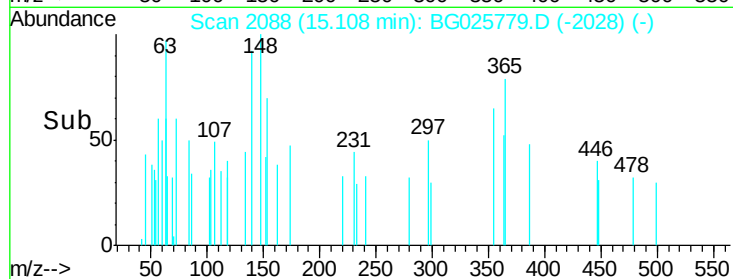
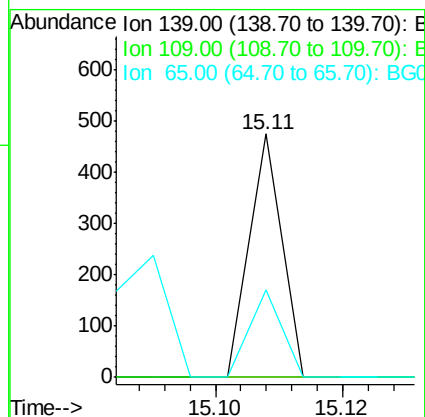
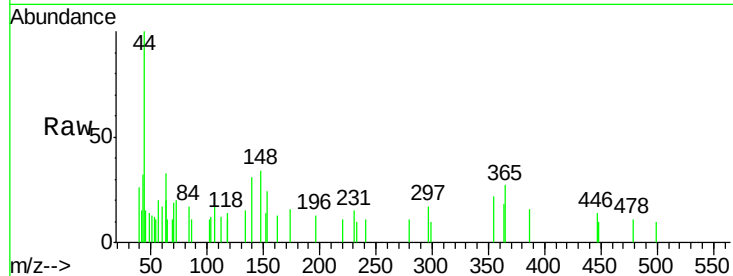




#55
4-Nitrophenol
Concen: 5.63 ng
RT: 15.11 min Scan# 2088
Delta R.T. 0.05 min
Lab File: BG025779.D
Acq: 3 Feb 2017 4:47

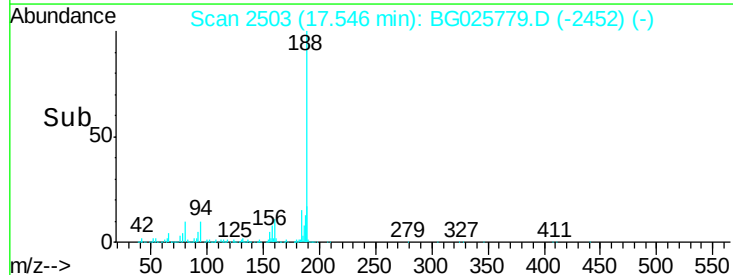
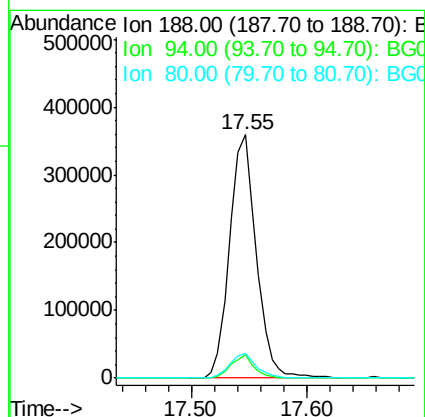
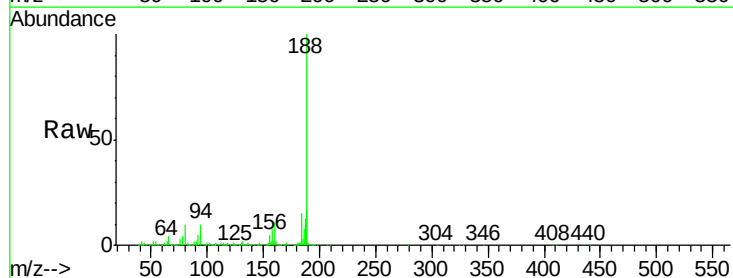
Instrument :
BNA_G
ClientSampleId :
CENTER-COMP

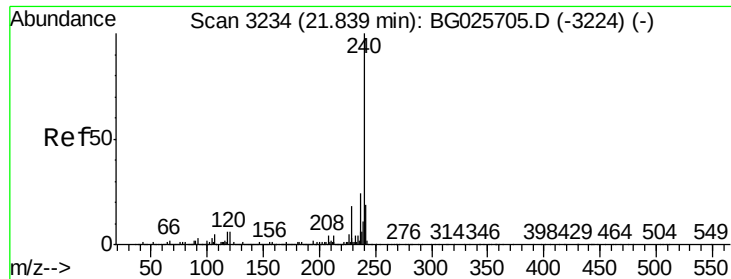
Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	101.2	141.2#
65	36.1	135.3	175.3#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BG025779.D
Acq: 3 Feb 2017 4:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	5.8	8.8#
80	10.2	7.5	11.3

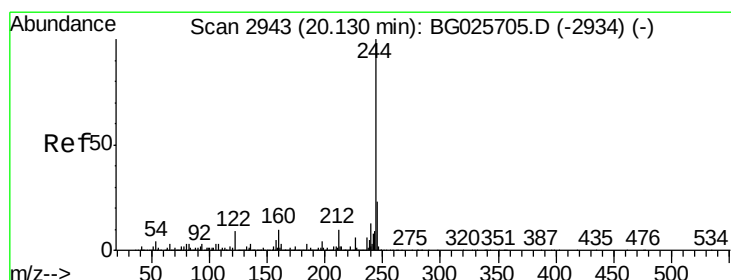
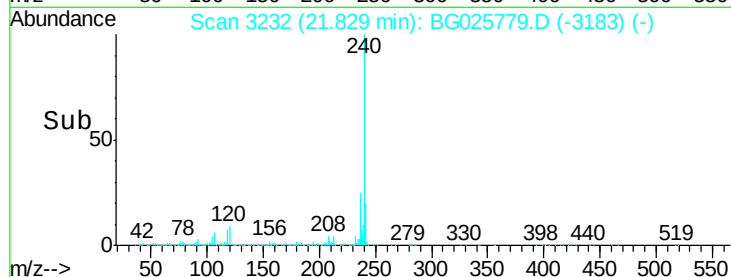
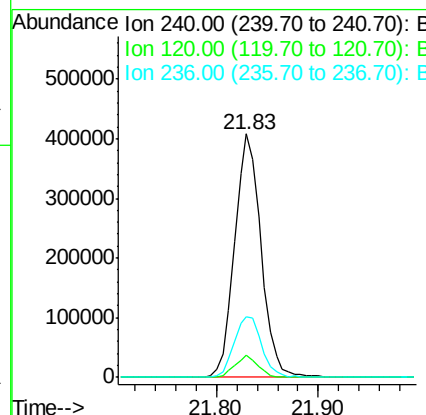
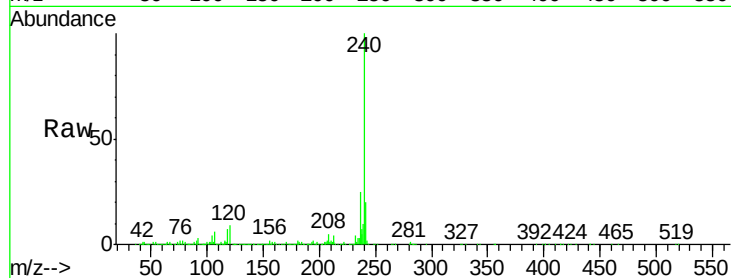




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG025779.D
Acq: 3 Feb 2017 4:47

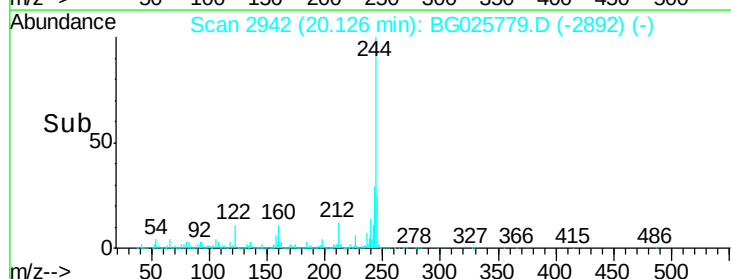
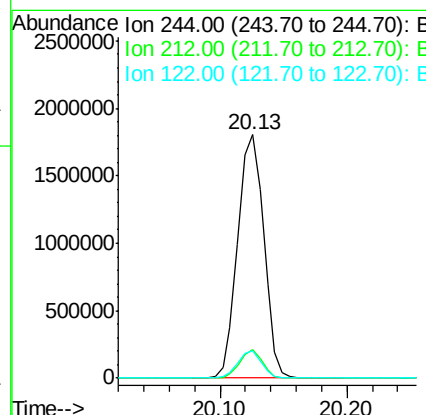
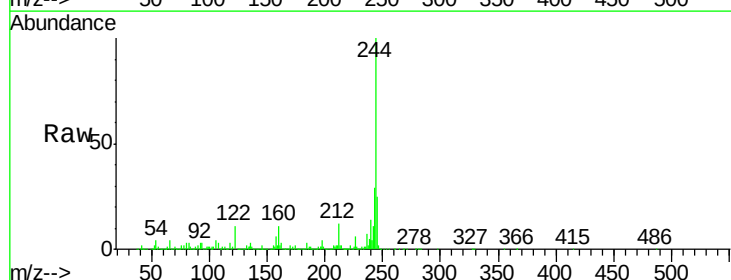
Instrument :
BNA_G
ClientSampleId :
CENTER-COMP

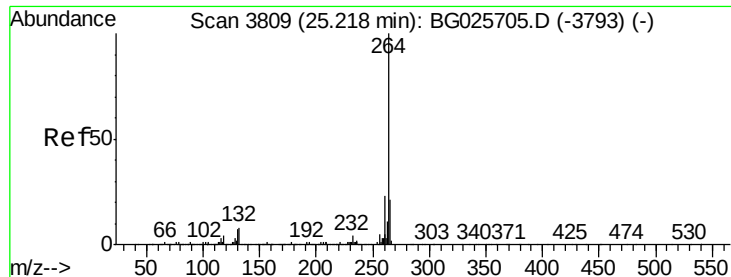
Tgt Ion:240 Resp: 735297
Ion Ratio Lower Upper
240 100
120 8.9 5.7 8.5#
236 24.8 22.2 33.4



#78
Terphenyl-d14
Concen: 84.19 ng
RT: 20.13 min Scan# 2942
Delta R.T. -0.00 min
Lab File: BG025779.D
Acq: 3 Feb 2017 4:47

Tgt Ion:244 Resp: 2564627
Ion Ratio Lower Upper
244 100
212 11.7 10.0 15.0
122 11.1 8.6 12.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.21 min Scan# 3807
 Delta R.T. -0.01 min
 Lab File: BG025779.D
 Acq: 3 Feb 2017 4:47

Instrument :
 BNA_G
 ClientSampleId :
 CENTER-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	21.5	18.2	27.4

