

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025796.D
 Acq On : 3 Feb 2017 15:52
 Operator : SJ/MA
 Sample : I1641-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 013017-DSDC-F-D-M

Quant Time: Feb 03 16:35:29 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

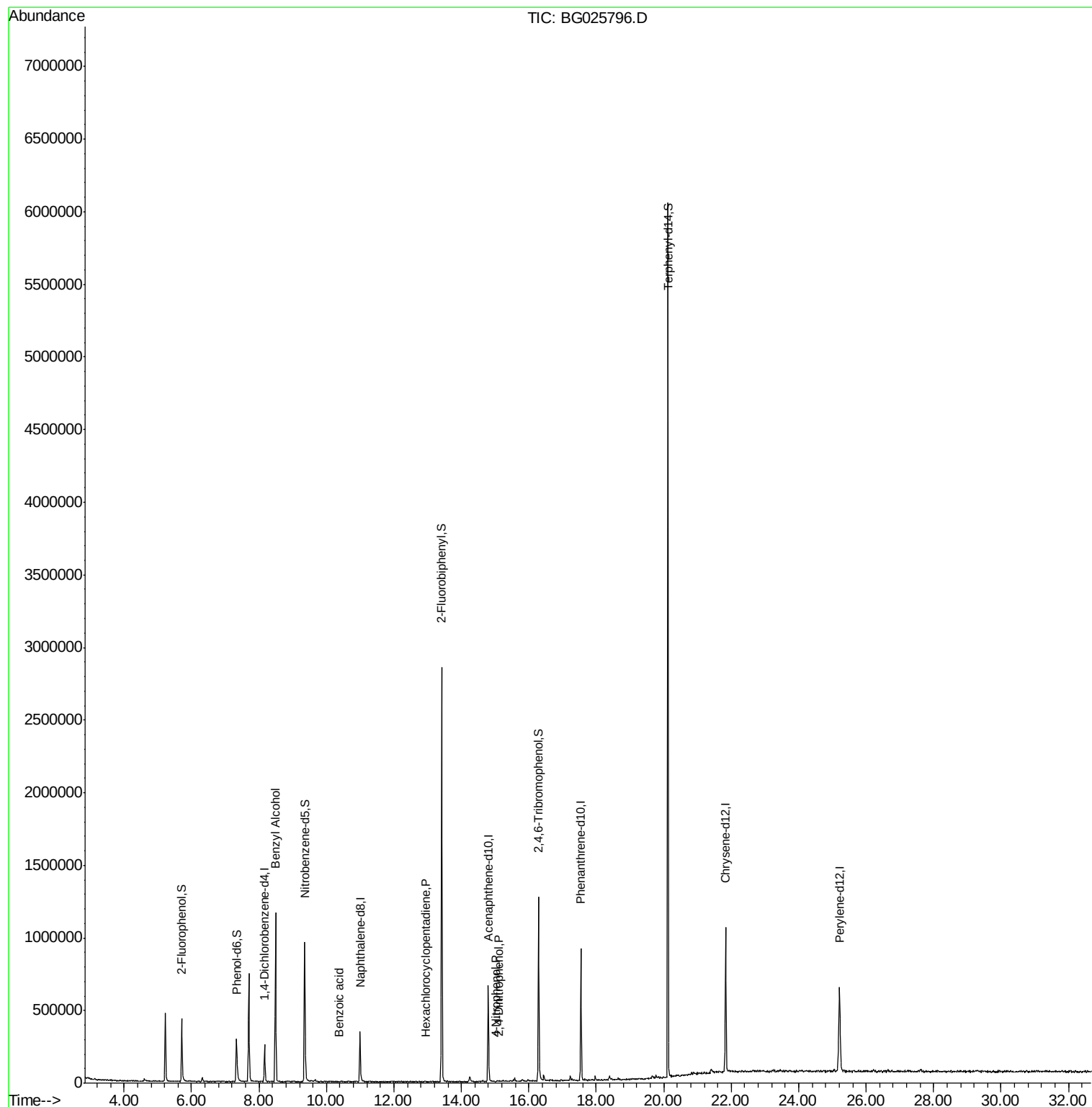
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	70743	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	295606	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	242273	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	548056	20.00	ng	0.00
75) Chrysene-d12	21.83	240	667259	20.00	ng	0.00
86) Perylene-d12	25.21	264	676881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	187680	47.55	ng	0.00
7) Phenol-d6	7.34	99	189902	32.94	ng	0.01
23) Nitrobenzene-d5	9.35	82	666258	95.23	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	248814	72.01	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1391857	93.30	ng	0.00
78) Terphenyl-d14	20.12	244	2421644	87.60	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.48	79	11063	2.22	ng	# 65
32) Benzoic acid	10.39	122	146	7.93	ng	# 7
40) Hexachlorocyclopentadiene	12.94	237	55	10.70	ng	# 29
53) 2,4-Dinitrophenol	15.11	184	66	9.46	ng	# 40
55) 4-Nitrophenol	15.02	139	68	5.60	ng	# 1

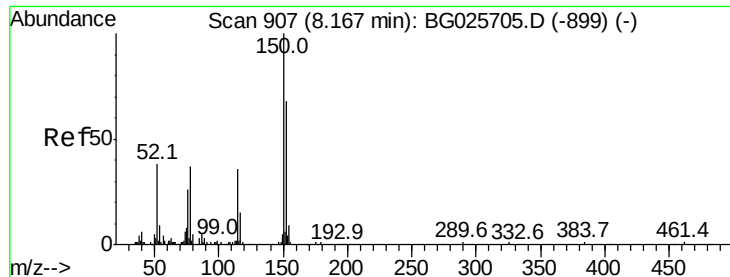
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG025796.D

Acq: 3 Feb 2017 15:52

Instrument :

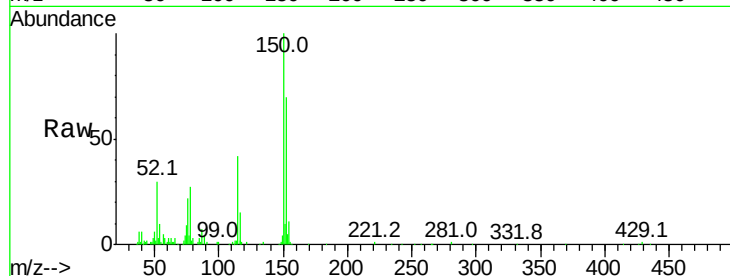
BNA_G

ClientSampleId :

013017-DSDC-F-D-M

Tot Ion:152 Resp: 70743

Ion	Ratio	Lower	Upper
152	100		
150	142.1	114.0	171.0
115	59.9	48.1	72.1

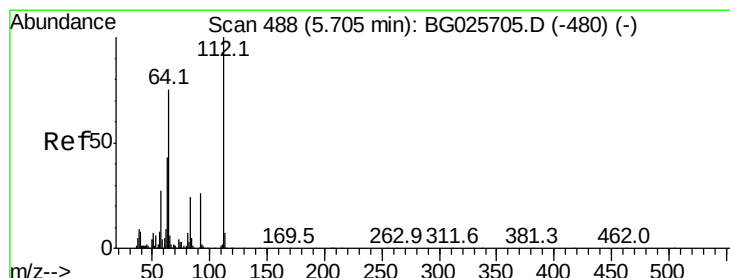
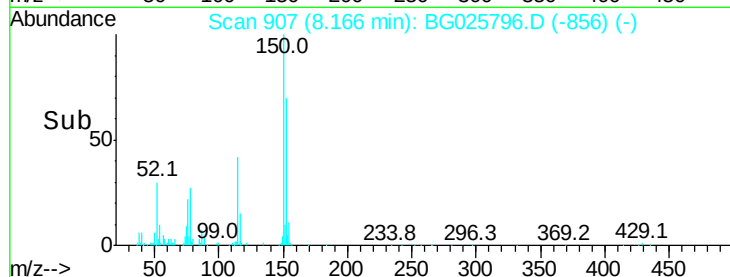
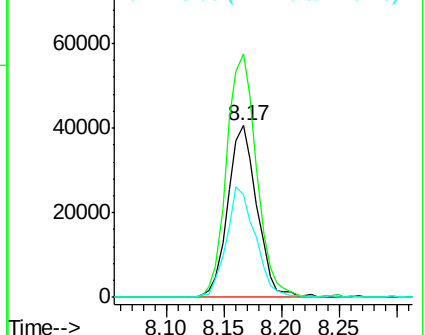


Abundance

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: 47.55 ng

RT: 5.70 min Scan# 488

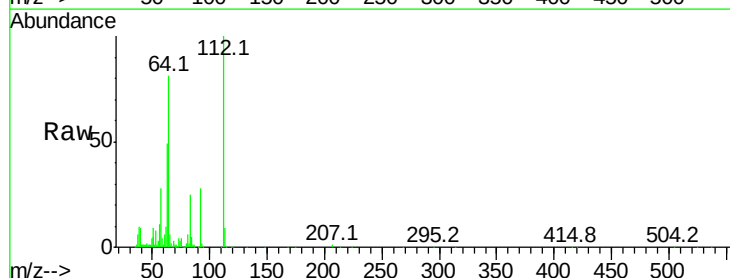
Delta R.T. -0.00 min

Lab File: BG025796.D

Acq: 3 Feb 2017 15:52

Tgt Ion:112 Resp: 187680

Ion	Ratio	Lower	Upper
112	100		
64	81.3	61.8	92.6
63	49.2	37.2	55.8

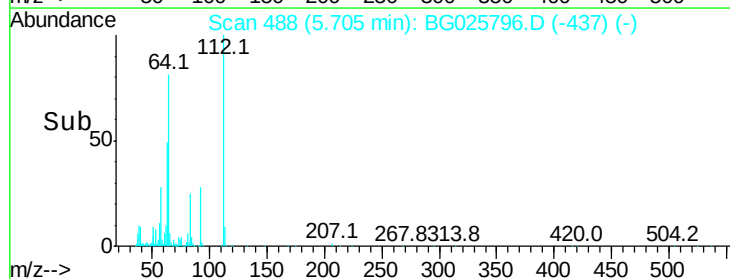
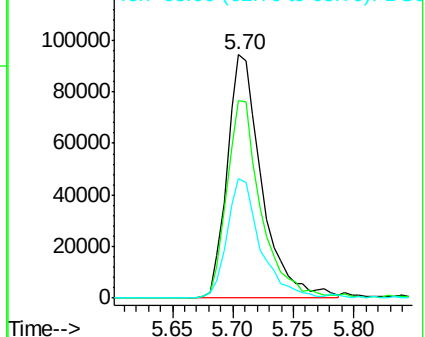


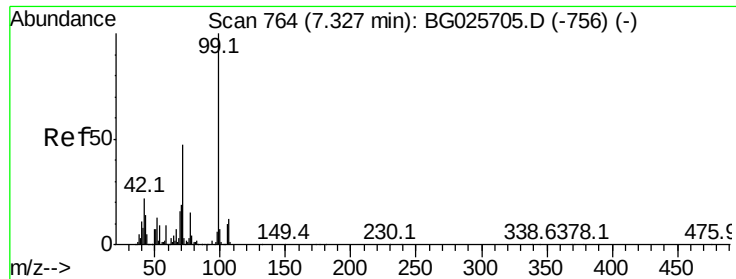
Abundance

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: 32.94 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG025796.D

Acq: 3 Feb 2017 15:52

Instrument :

BNA_G

ClientSampleId :

013017-DSDC-F-D-M

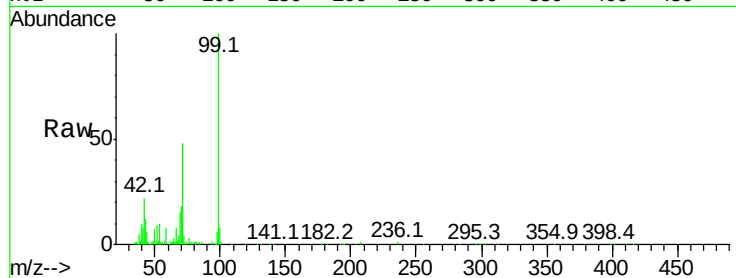
Tot Ion: 99 Resp: 189902

Ion Ratio Lower Upper

99 100

42 22.5 20.5 30.7

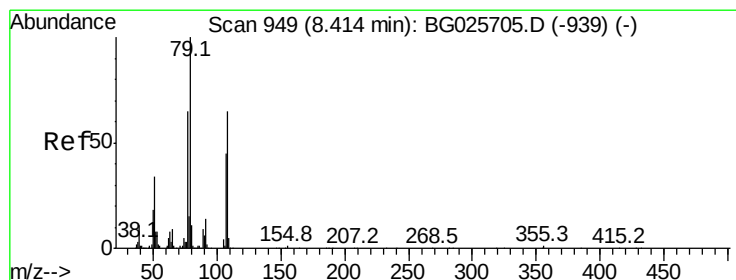
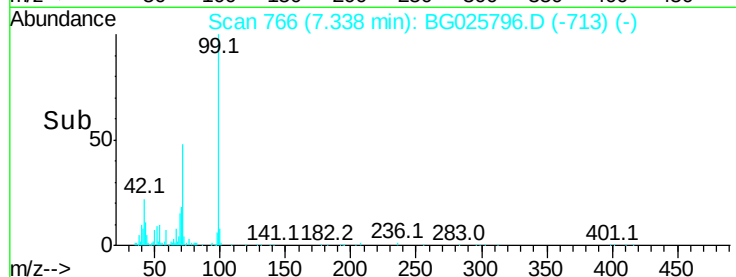
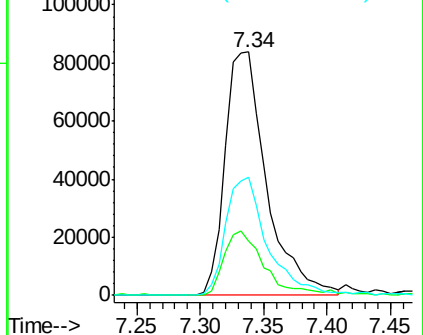
71 48.3 37.6 56.4



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: 2.22 ng

RT: 8.48 min Scan# 961

Delta R.T. 0.07 min

Lab File: BG025796.D

Acq: 3 Feb 2017 15:52

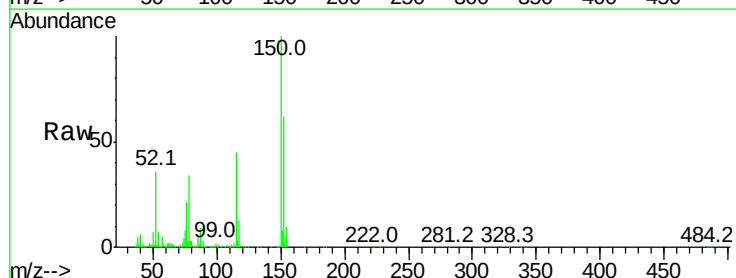
Tgt Ion: 79 Resp: 11063

Ion Ratio Lower Upper

79 100

108 49.1 45.5 68.3

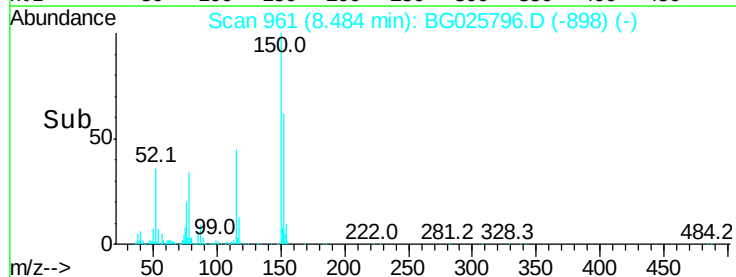
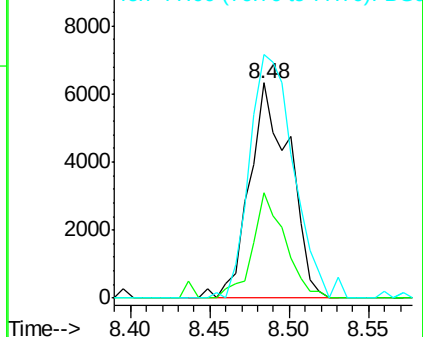
77 113.3 54.3 81.5#

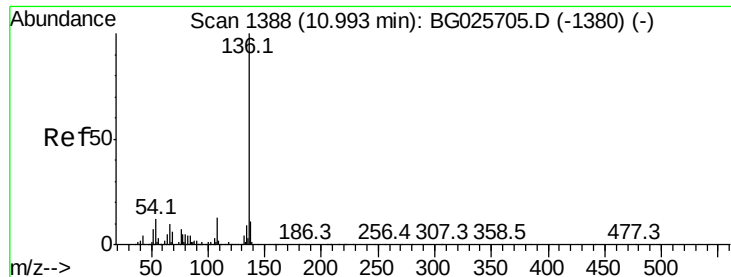


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

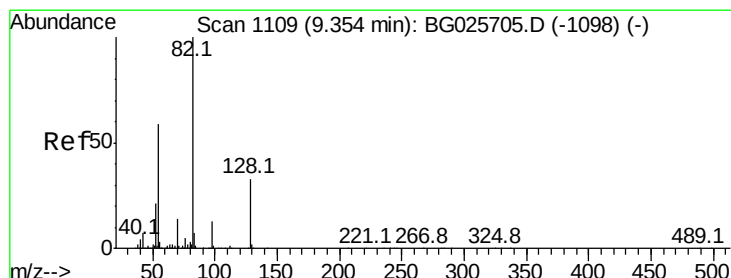
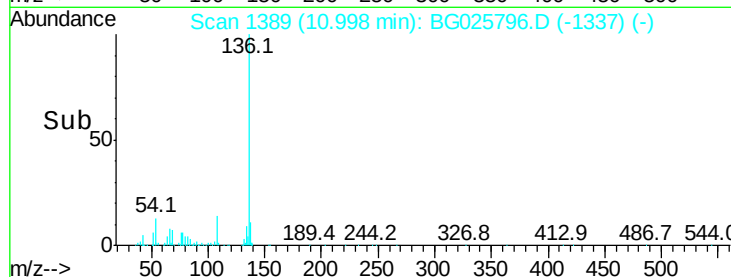
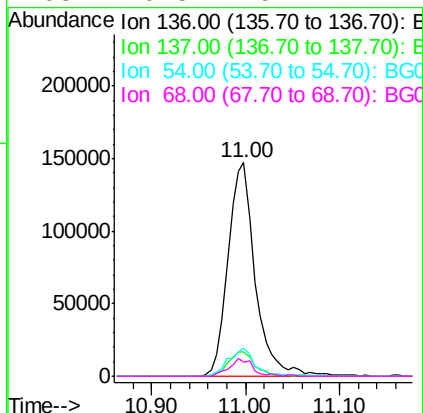
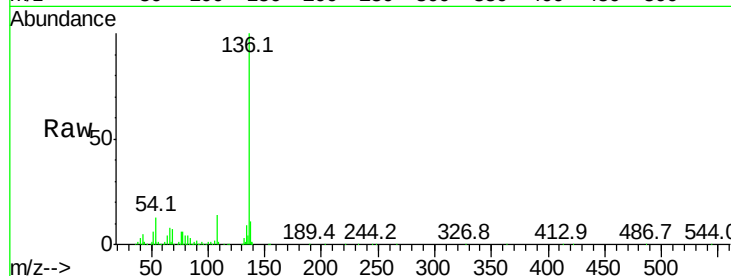




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BG025796.D
Acq: 3 Feb 2017 15:52

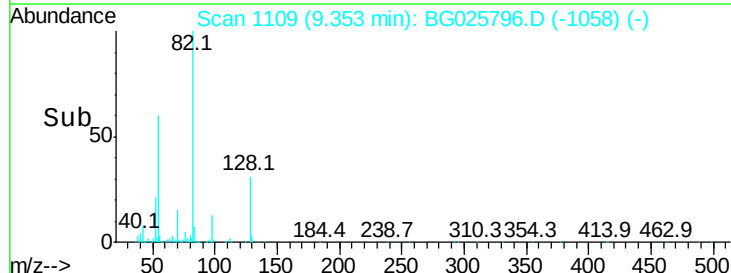
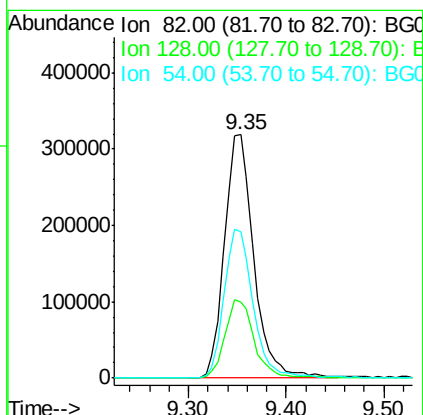
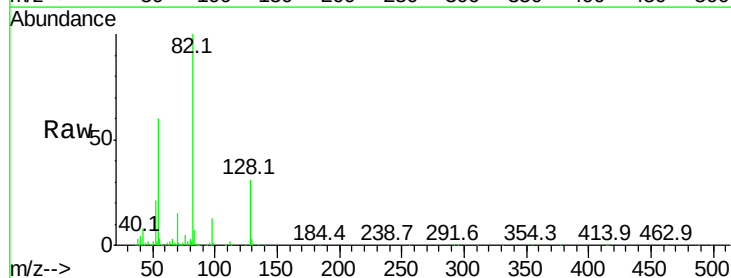
Instrument :
BNA_G
ClientSampleId :
013017-DSDC-F-D-M

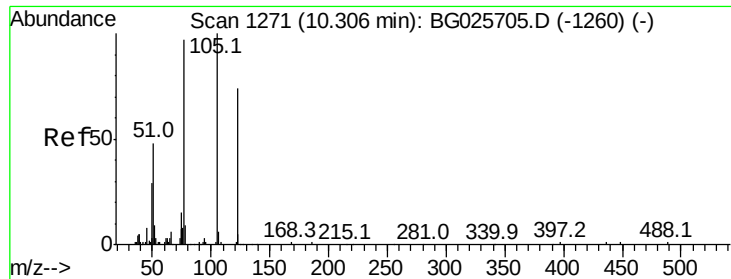
Tot Ion:	136	Resp:	295606
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	13.3	9.3	13.9
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 95.23 ng
RT: 9.35 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BG025796.D
Acq: 3 Feb 2017 15:52

Tgt Ion:	82	Resp:	666258
Ion	Ratio	Lower	Upper
82	100		
128	31.0	26.4	39.6
54	59.9	49.4	74.2





#32

Benzoic acid

Concen: 7.93 ng

RT: 10.39 min Scan# 1285

Delta R.T. 0.08 min

Lab File: BG025796.D

Acq: 3 Feb 2017 15:52

Instrument :

BNA_G

ClientSampleId :

013017-DSDC-F-D-M

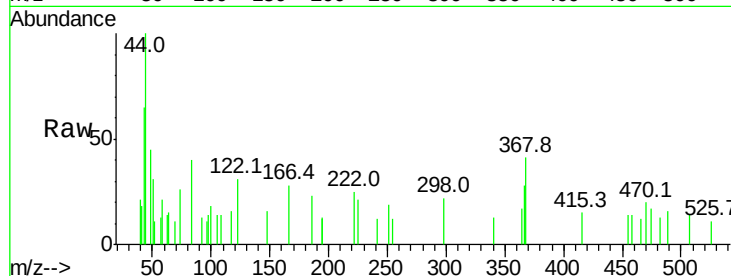
Tot Ion:122 Resp: 146

Ion Ratio Lower Upper

122 100

105 44.9 120.1 160.1#

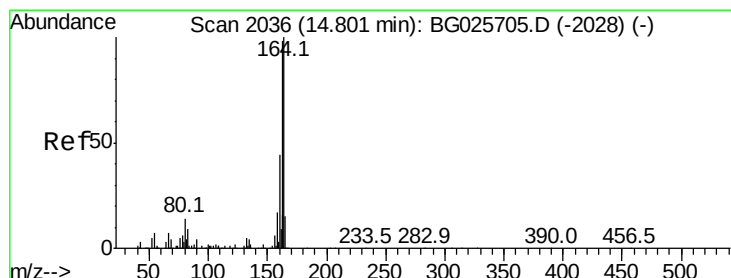
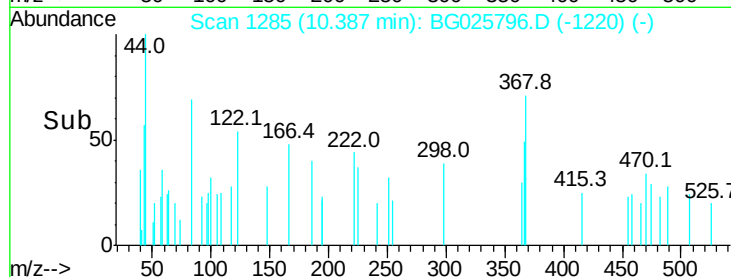
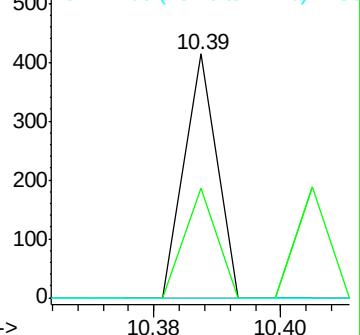
77 0.0 104.6 144.6#



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): B



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG025796.D

Acq: 3 Feb 2017 15:52

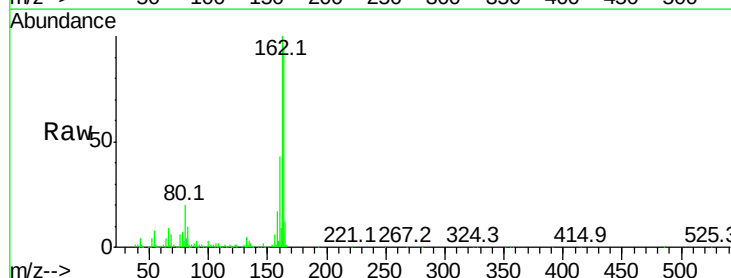
Tgt Ion:164 Resp: 242273

Ion Ratio Lower Upper

164 100

162 104.8 85.1 127.7

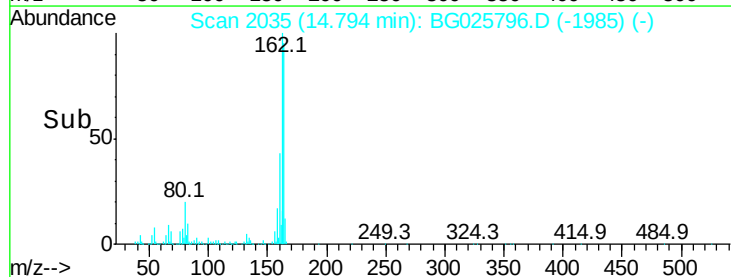
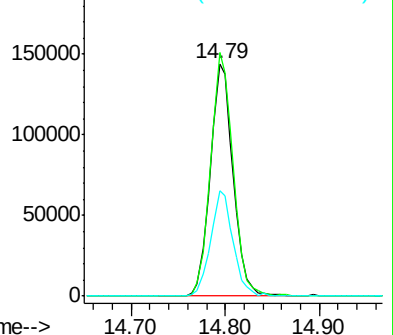
160 45.5 34.7 52.1

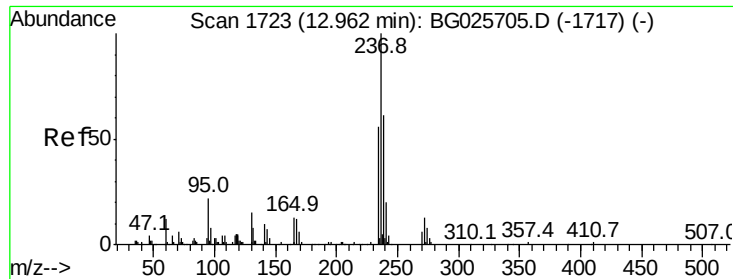


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#40

Hexachlorocyclopentadiene

Concen: 10.70 ng

RT: 12.94 min Scan# 1719

Delta R.T. -0.02 min

Lab File: BG025796.D

Acq: 3 Feb 2017 15:52

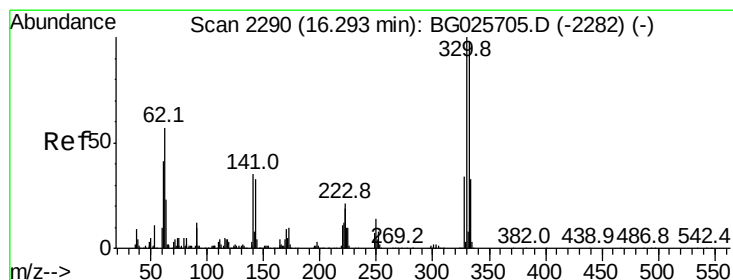
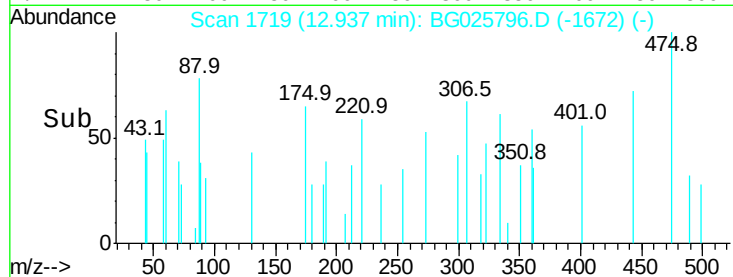
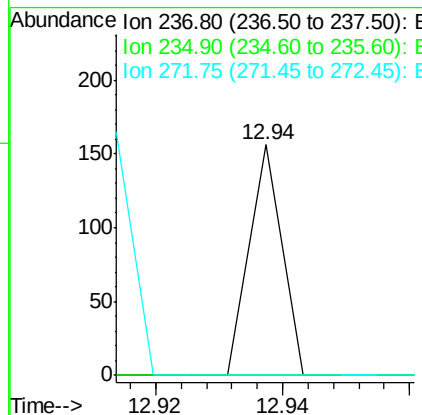
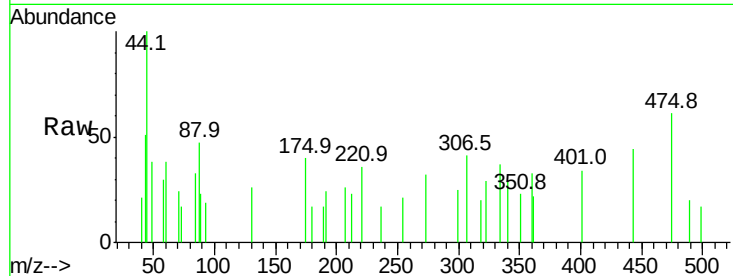
Instrument :

BNA_G

ClientSampleId :

013017-DSDC-F-D-M

Tot Ion:	237	Resp:	55
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: 72.01 ng

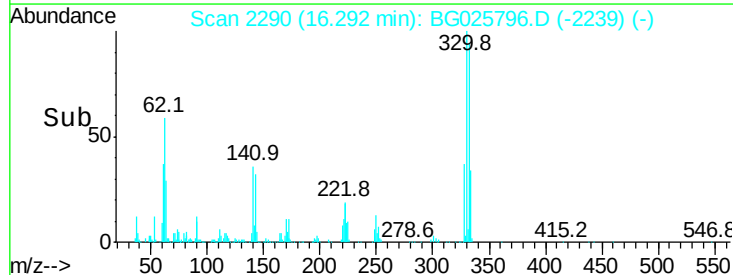
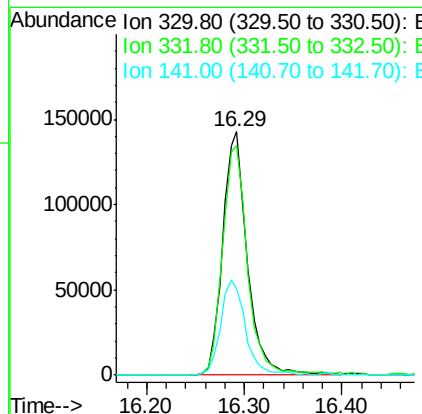
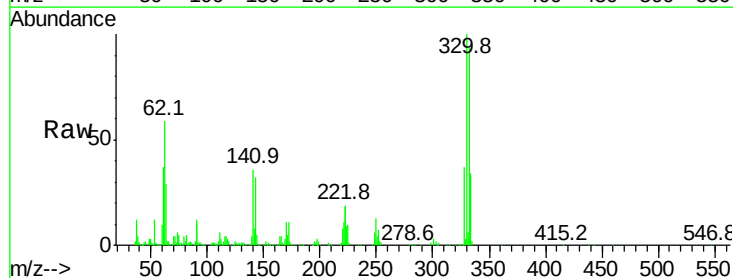
RT: 16.29 min Scan# 2290

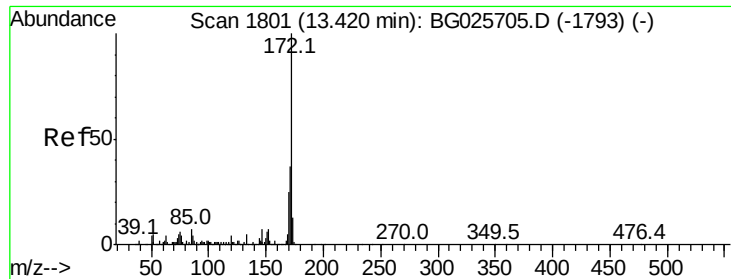
Delta R.T. -0.00 min

Lab File: BG025796.D

Acq: 3 Feb 2017 15:52

Tgt Ion:	330	Resp:	248814
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.3	115.9
141	39.4	32.1	48.1





#44

2-Fluorobiphenyl

Concen: 93.30 ng

RT: 13.41 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BG025796.D

Acq: 3 Feb 2017 15:52

Instrument :

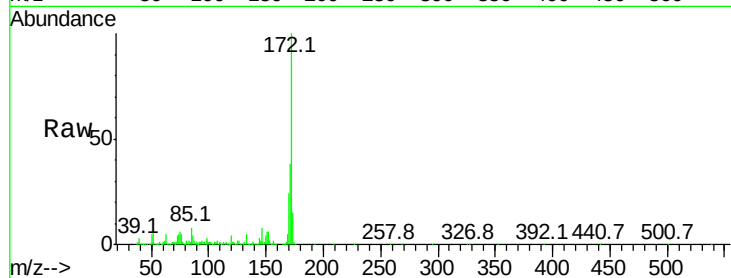
BNA_G

ClientSampleId :

013017-DSDC-F-D-M

Tot Ion:172 Resp: 1391857

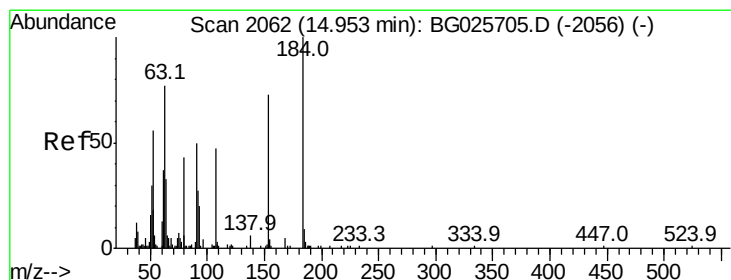
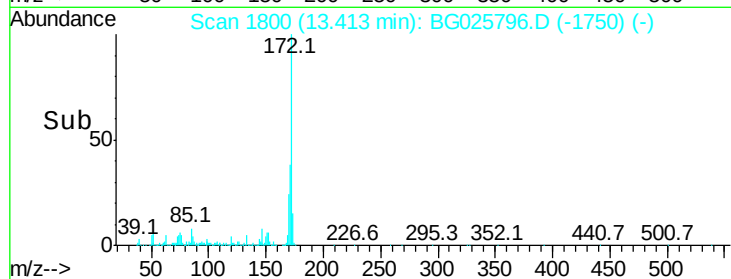
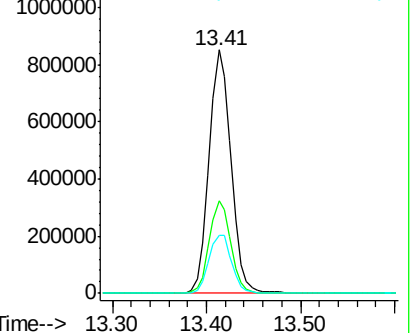
Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.2	48.2
170	24.1	21.8	32.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#53

2,4-Dinitrophenol

Concen: 9.46 ng

RT: 15.11 min Scan# 2089

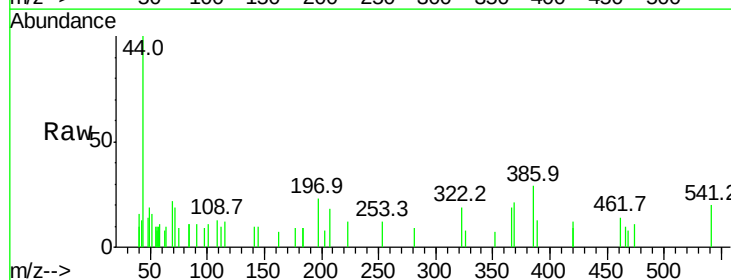
Delta R.T. 0.16 min

Lab File: BG025796.D

Acq: 3 Feb 2017 15:52

Tgt Ion:184 Resp: 66

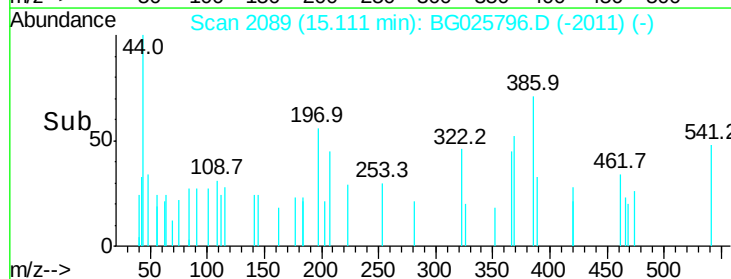
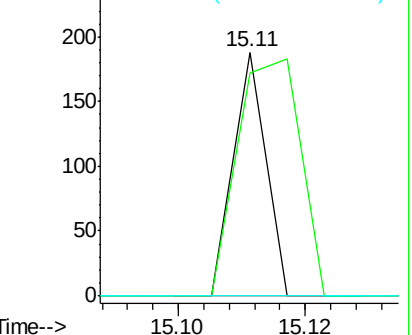
Ion	Ratio	Lower	Upper
184	100		
63	91.5	52.7	79.1#
154	0.0	57.3	85.9#

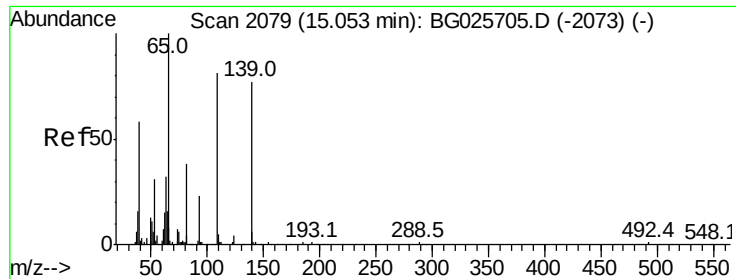


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

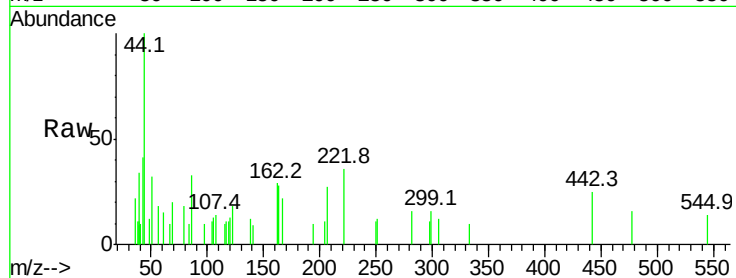




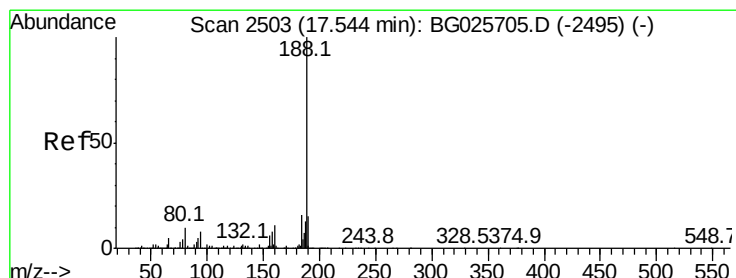
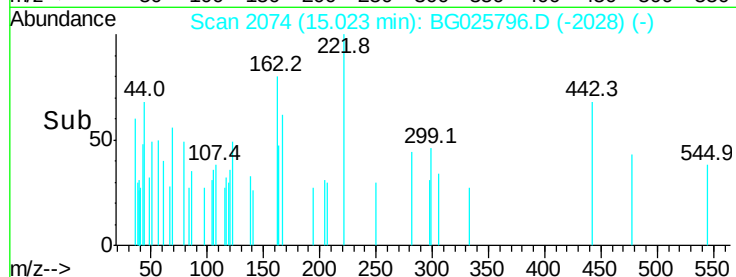
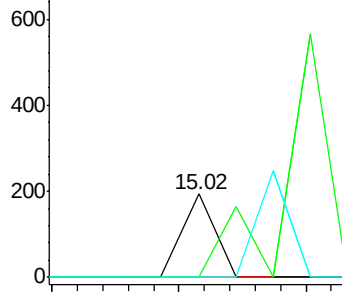
#55
4-Nitrophenol
Concen: 5.60 ng
RT: 15.02 min Scan# 2074
Delta R.T. -0.03 min
Lab File: BG025796.D
Acq: 3 Feb 2017 15:52

Instrument :
BNA_G
ClientSampleId :
013017-DSDC-F-D-M

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

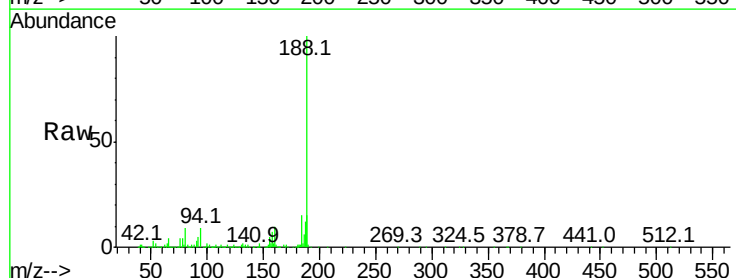


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

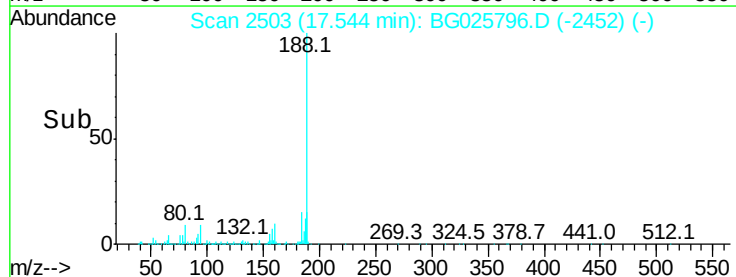
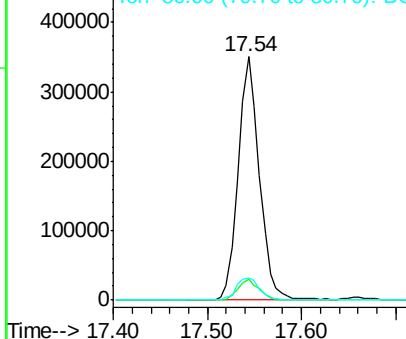


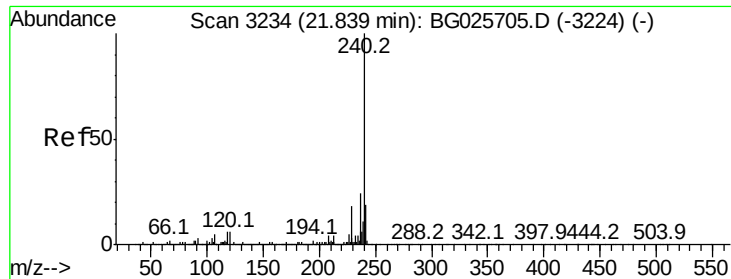
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG025796.D
Acq: 3 Feb 2017 15:52

Tgt Ion:188 Resp: 548056
Ion Ratio Lower Upper
188 100
94 8.8 5.8 8.8#
80 9.2 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: BG025796.D

Acq: 3 Feb 2017 15:52

Instrument :

BNA_G

ClientSampleId :

013017-DSDC-F-D-M

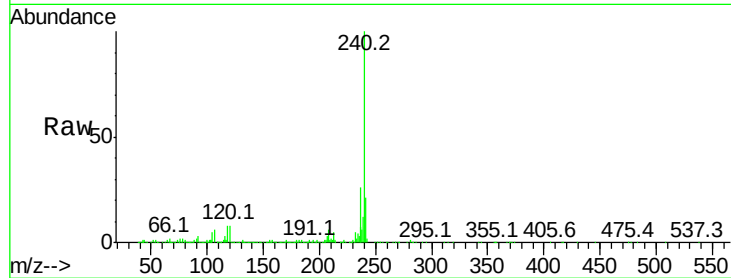
Tot Ion:240 Resp: 667259

Ion Ratio Lower Upper

240 100

120 7.7 5.7 8.5

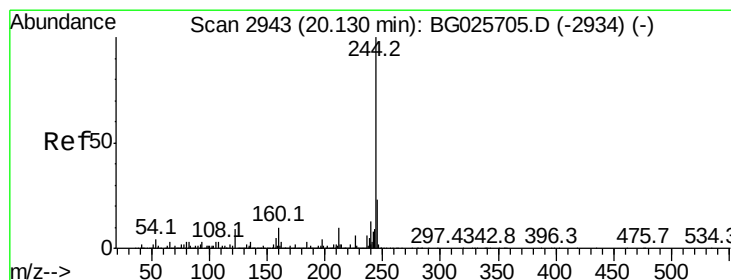
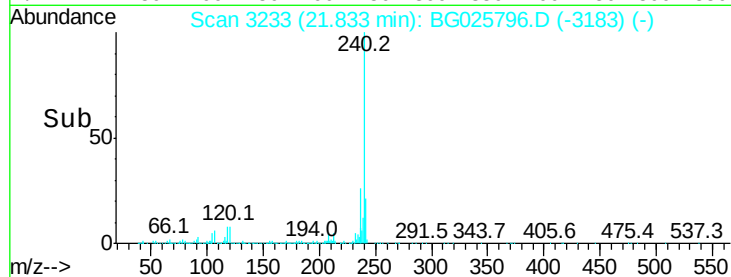
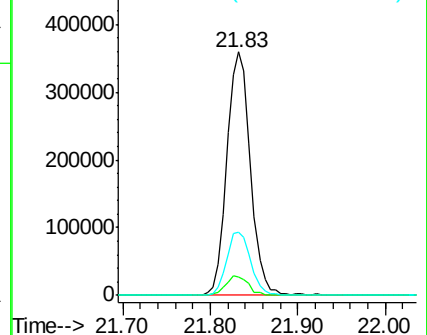
236 25.8 22.2 33.4



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: 87.60 ng

RT: 20.12 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG025796.D

Acq: 3 Feb 2017 15:52

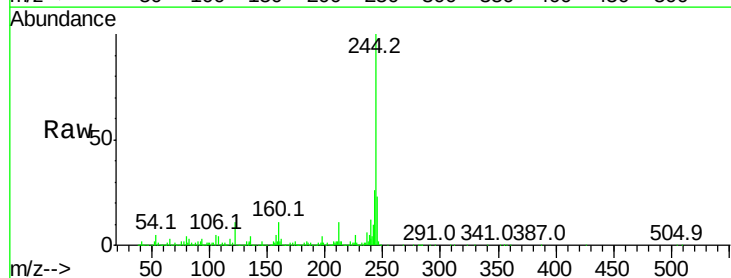
Tgt Ion:244 Resp: 2421644

Ion Ratio Lower Upper

244 100

212 10.8 10.0 15.0

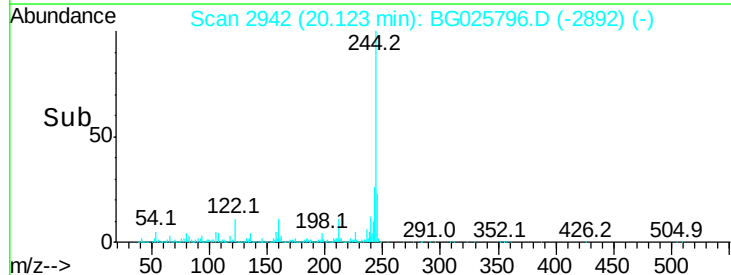
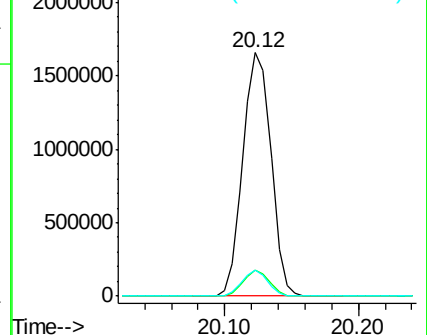
122 10.7 8.6 12.8

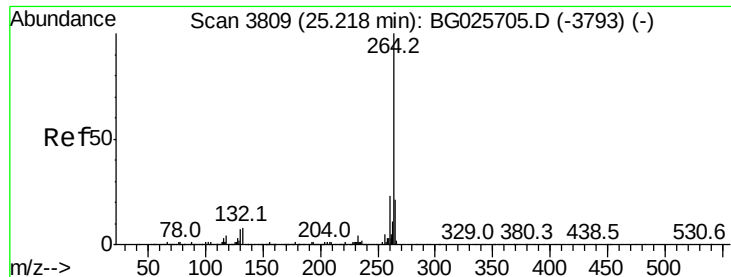


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

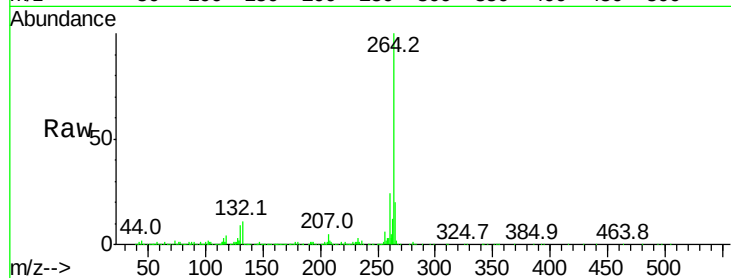




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.21 min Scan# 3808
 Delta R.T. -0.01 min
 Lab File: BG025796.D
 Acq: 3 Feb 2017 15:52

Instrument :
 BNA_G
 ClientSampleId :
 013017-DSDC-F-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	20.1	18.2	27.4



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

