

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
 Data File : BG043732.D
 Acq On : 20 Nov 2019 17:51
 Operator : JU
 Sample : K5927-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 21 00:35:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

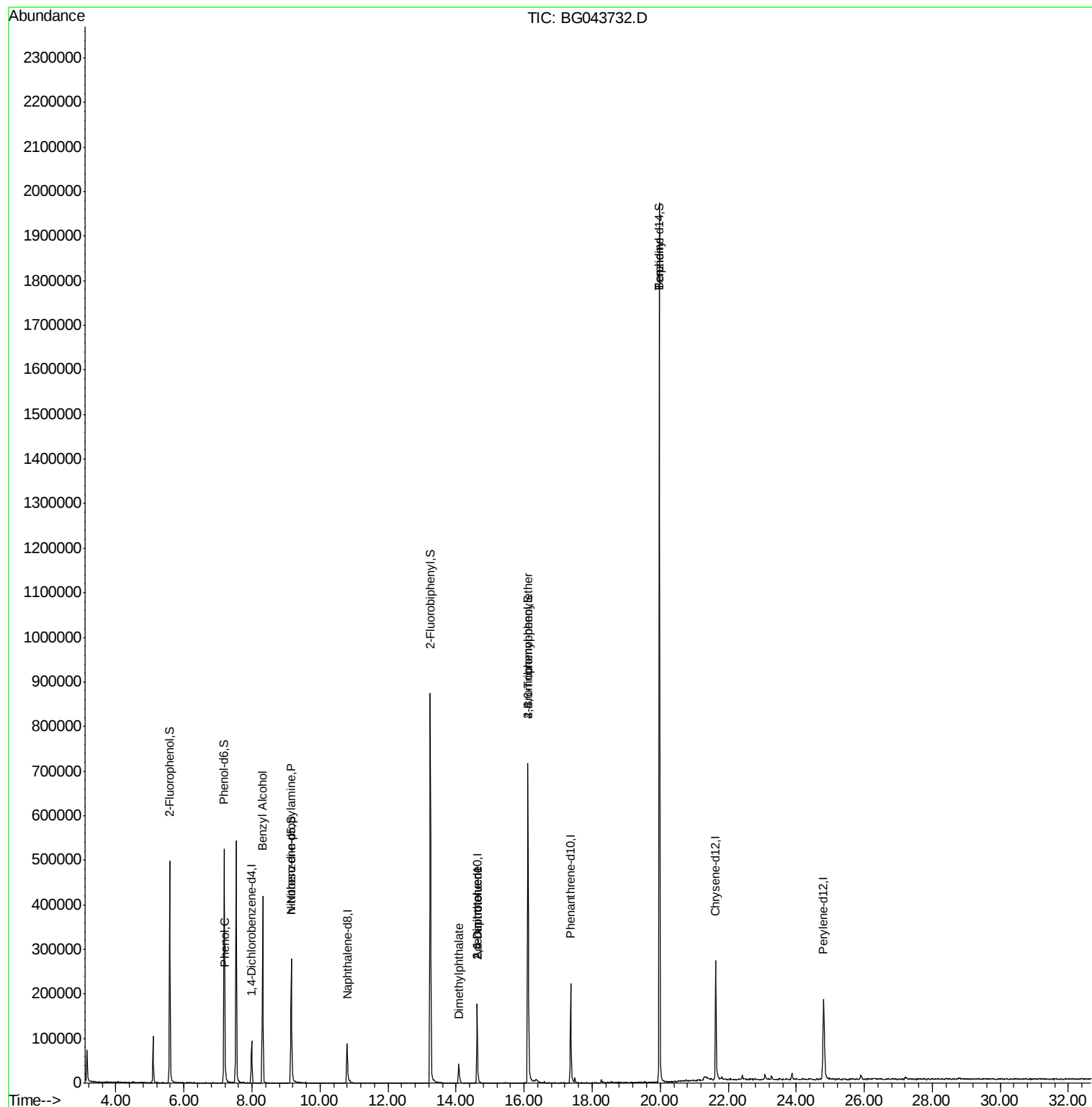
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27054	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	99649	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	74045	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	183364	20.00	ng	0.00
76) Chrysene-d12	21.63	240	198478	20.00	ng	0.00
87) Perylene-d12	24.80	264	225676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	226738	153.58	ng	0.00
7) Phenol-d6	7.18	99	321514	151.36	ng	0.00
23) Nitrobenzene-d5	9.15	82	186852	96.67	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	183708	130.37	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	518291	96.72	ng	0.00
79) Terphenyl-d14	19.98	244	1092369	103.25	ng	0.00
Target Compounds						
10) Phenol	7.21	94	11159	5.749	ng	# 77
15) Benzyl Alcohol	8.31	79	3791	2.541	ng	# 43
19) n-Nitroso-di-n-propylamine	9.15	70	26705	19.456	ng	# 75
50) Dimethylphthalate	14.07	163	45345	7.906	ng	# 98
51) 2,6-Dinitrotoluene	14.62	165	10157	8.152	ng	# 25
57) 2,4-Dinitrotoluene	14.62	165	10157	5.704	ng	# 25
67) 4-Bromophenyl-phenylether	16.11	248	11600	4.701	ng	# 1
77) Benzidine	19.98	184	16224	4.062	ng	# 90

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
Data File : BG043732.D
Acq On : 20 Nov 2019 17:51
Operator : JU
Sample : K5927-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 21 00:35:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration



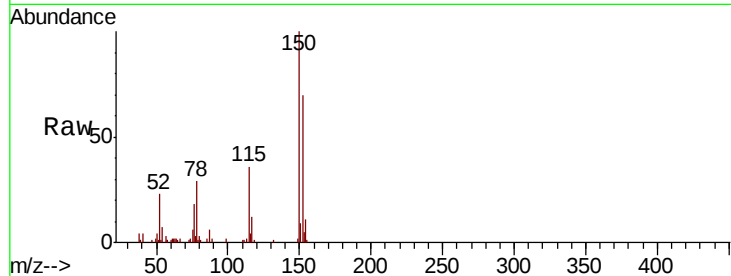


#1

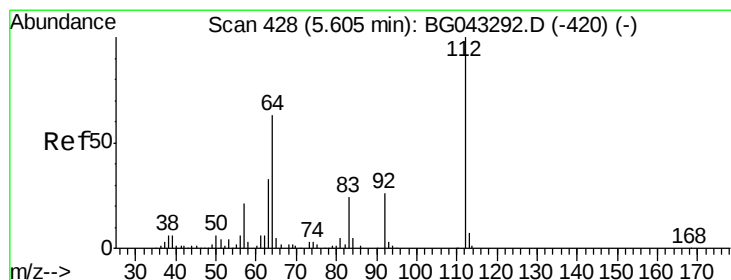
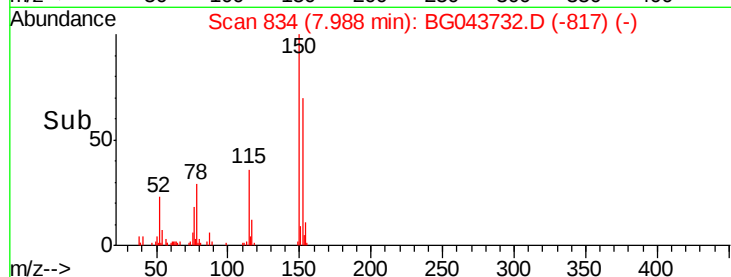
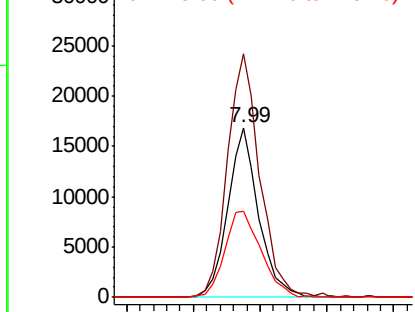
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043732.D
Acq: 20 Nov 2019 17:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27054
Ion Ratio Lower Upper
152 100
150 143.6 116.6 175.0
115 51.1 40.5 60.7



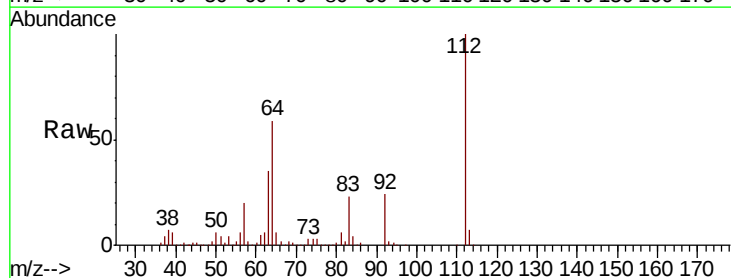
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



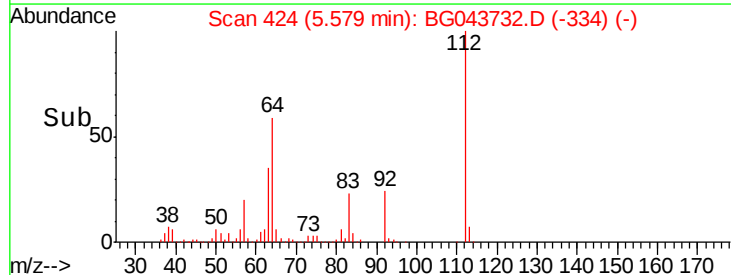
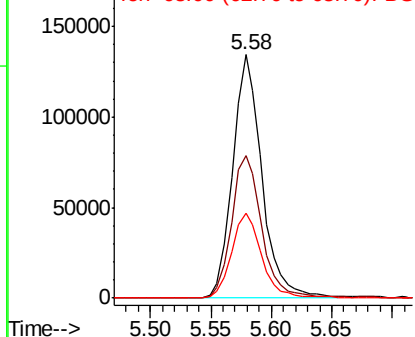
#5

2-Fluorophenol
Concen: 153.576 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043732.D
Acq: 20 Nov 2019 17:51

Tgt Ion:112 Resp: 226738
Ion Ratio Lower Upper
112 100
64 58.8 50.6 75.8
63 34.8 30.5 45.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 151.360 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043732.D

Acq: 20 Nov 2019 17:51

Instrument :

BNA_G

ClientSampled :

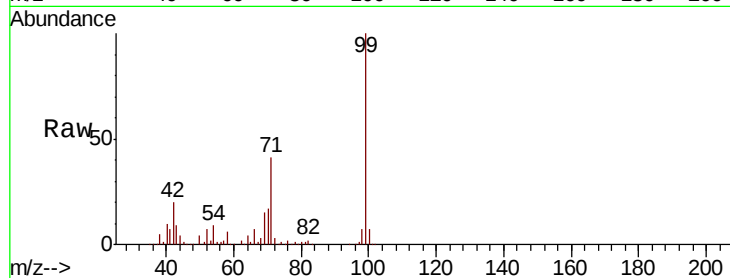
Tot Ion: 99 Resp: 321514

Ion Ratio Lower Upper

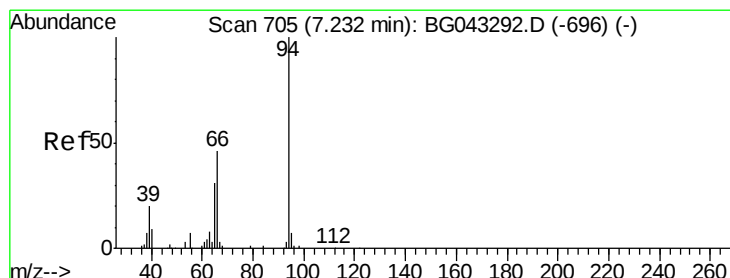
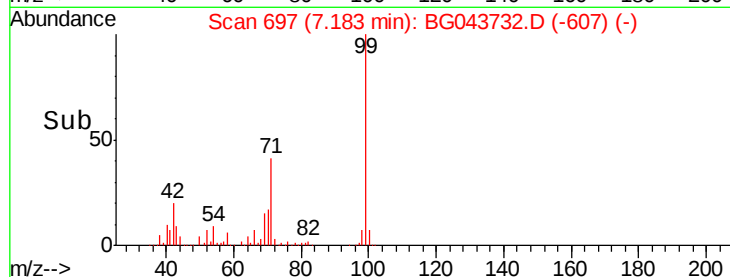
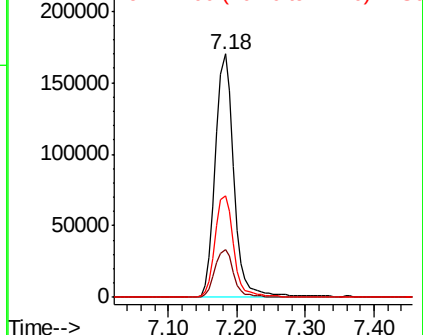
99 100

42 19.7 15.8 23.8

71 41.5 34.4 51.6



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



#10

Phenol

Concen: 5.749 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG043732.D

Acq: 20 Nov 2019 17:51

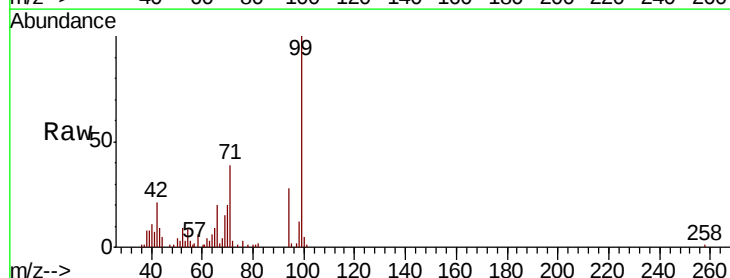
Tgt Ion: 94 Resp: 11159

Ion Ratio Lower Upper

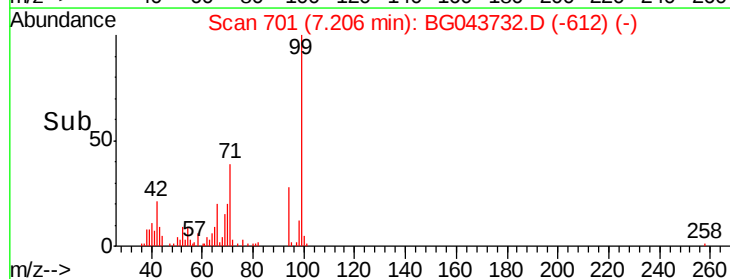
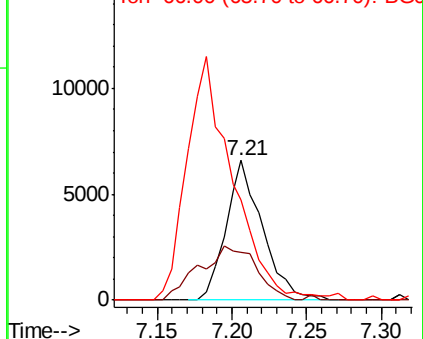
94 100

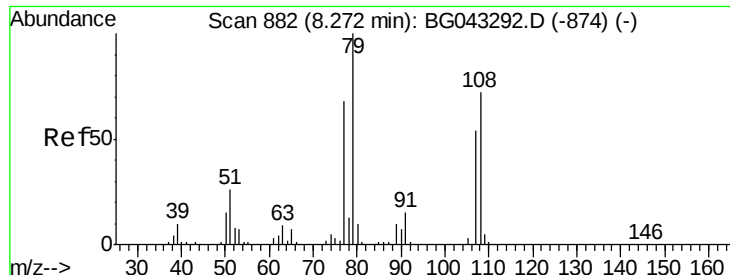
65 34.0 11.4 51.4

66 71.5 28.4 68.4#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.541 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.07 min

Lab File: BG043732.D

Acq: 20 Nov 2019 17:51

Instrument :

BNA_G

ClientSampleId :

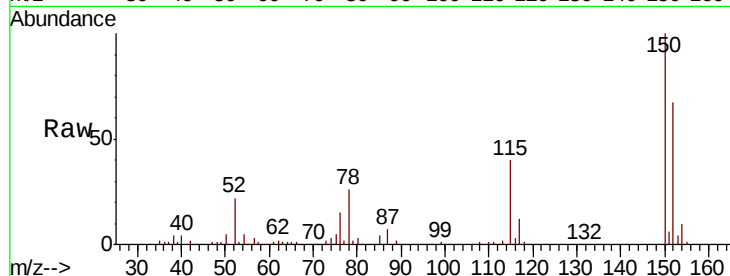
Tot Ion: 79 Resp: 3791

Ion Ratio Lower Upper

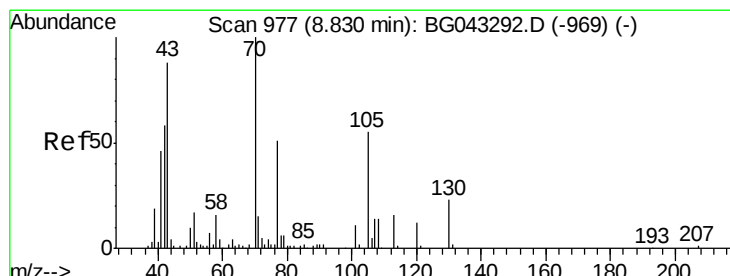
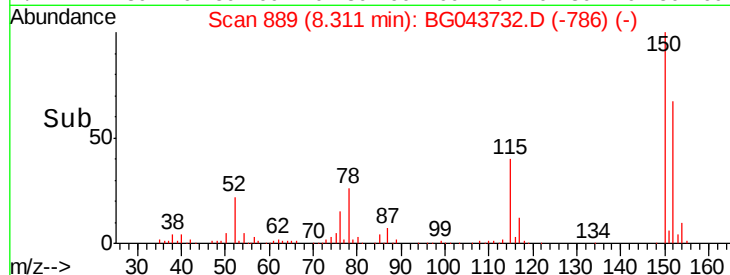
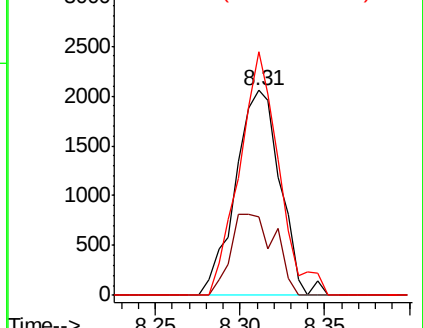
79 100

108 38.3 56.0 84.0#

77 118.8 47.9 71.9#



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



#19

n-Nitroso-di-n-propylamine

Concen: 19.456 ng

RT: 9.15 min Scan# 1032

Delta R.T. 0.36 min

Lab File: BG043732.D

Acq: 20 Nov 2019 17:51

Tgt Ion: 70 Resp: 26705

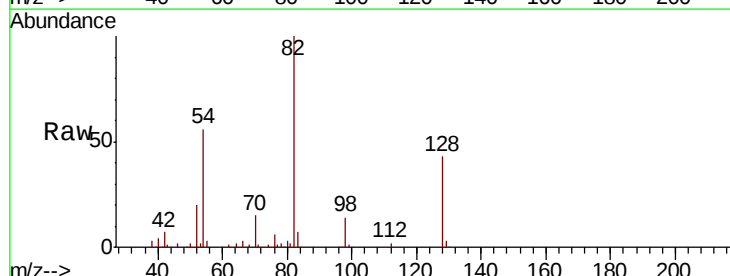
Ion Ratio Lower Upper

70 100

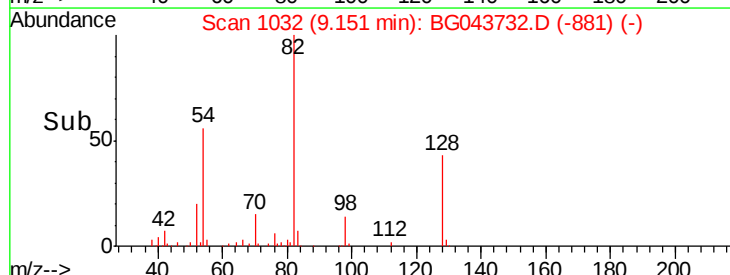
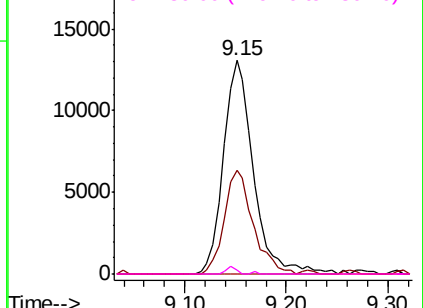
42 48.3 49.7 74.5#

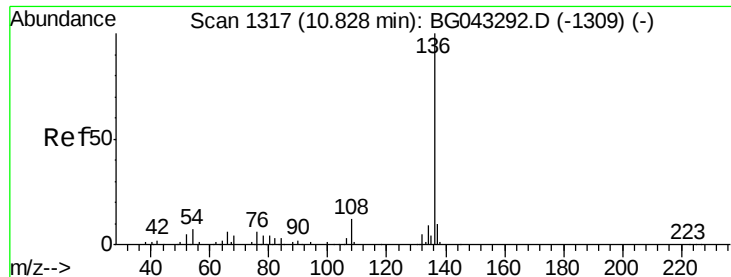
101 0.0 9.7 14.5#

130 1.8 17.7 26.5#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BG043732.D

Acq: 20 Nov 2019 17:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 99649

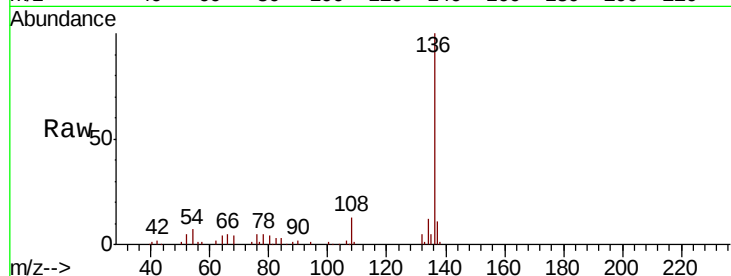
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 7.2 6.2 9.2

68 4.4 3.4 5.0

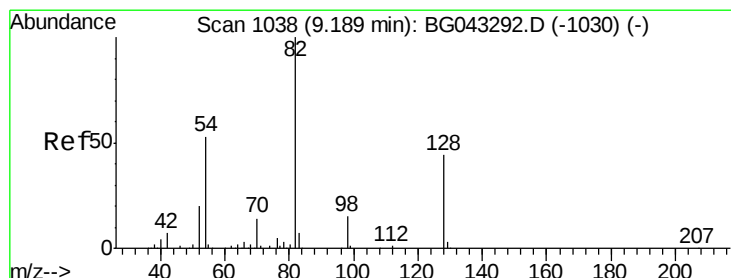
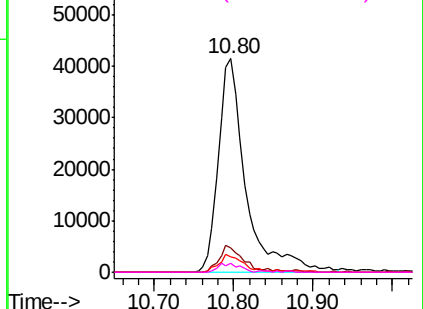
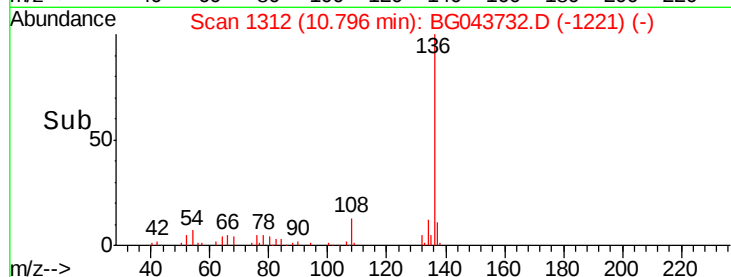


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 96.670 ng

RT: 9.15 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BG043732.D

Acq: 20 Nov 2019 17:51

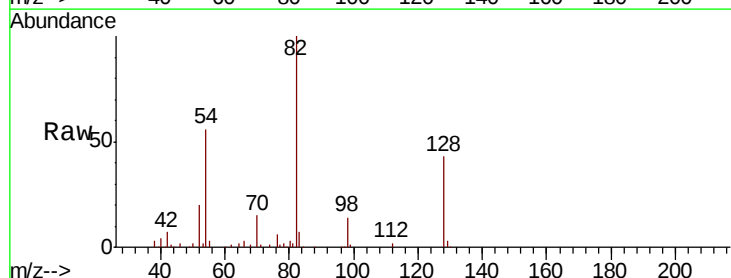
Tgt Ion: 82 Resp: 186852

Ion Ratio Lower Upper

82 100

128 43.4 34.2 51.4

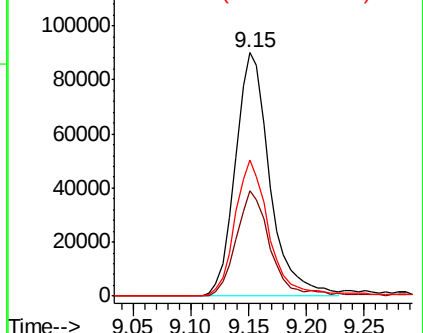
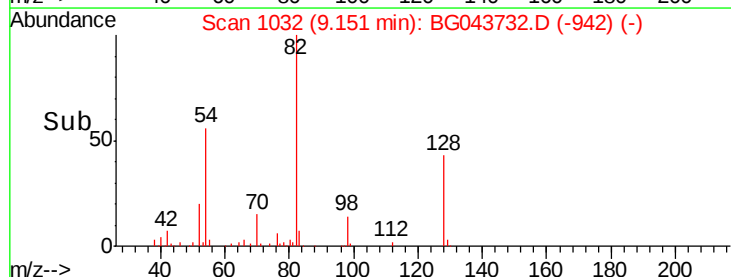
54 56.1 44.7 67.1

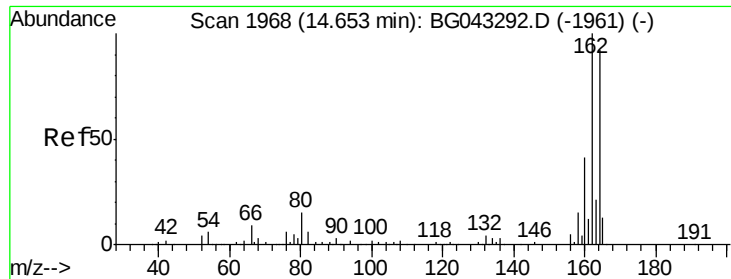


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG043732.D

Acq: 20 Nov 2019 17:51

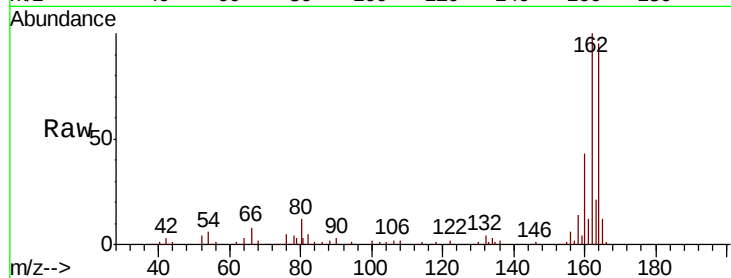
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 74045

Ion	Ratio	Lower	Upper
164	100		
162	105.2	79.4	119.2
160	45.5	36.3	54.5

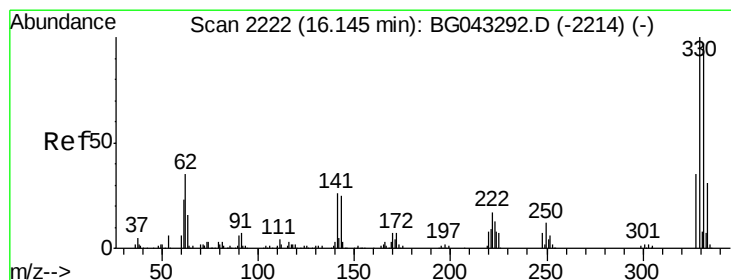
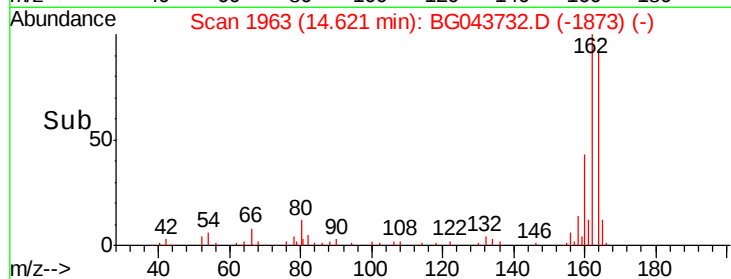
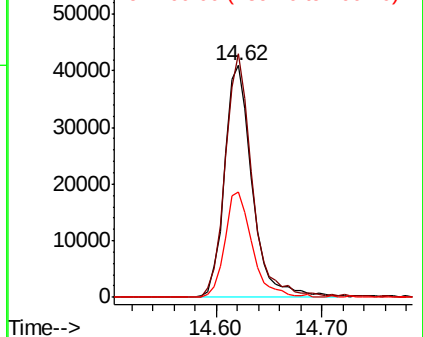


Abundance

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



#42

2,4,6-Tribromophenol

Concen: 130.375 ng

RT: 16.11 min Scan# 2217

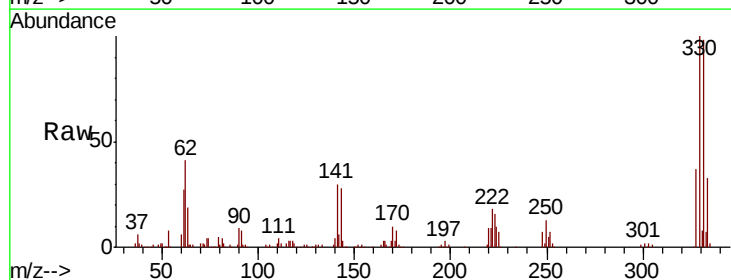
Delta R.T. -0.00 min

Lab File: BG043732.D

Acq: 20 Nov 2019 17:51

Tgt Ion:330 Resp: 183708

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	28.8	23.4	35.2

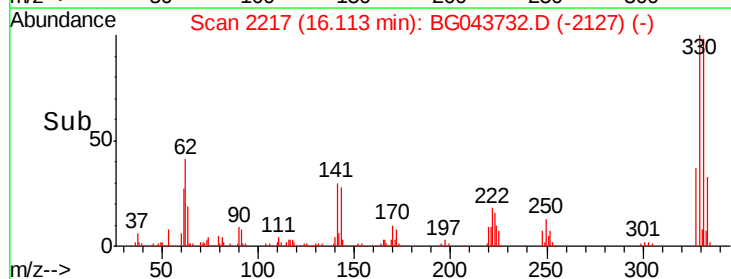
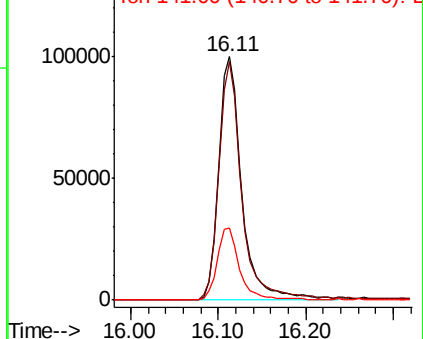


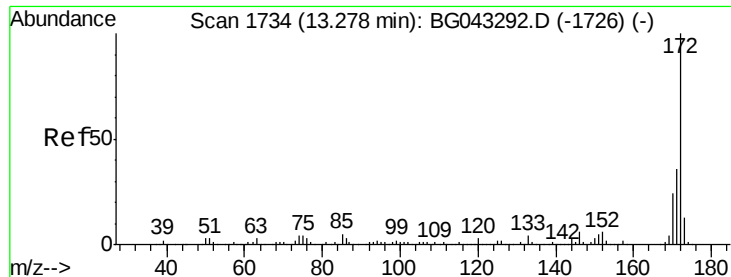
Abundance

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

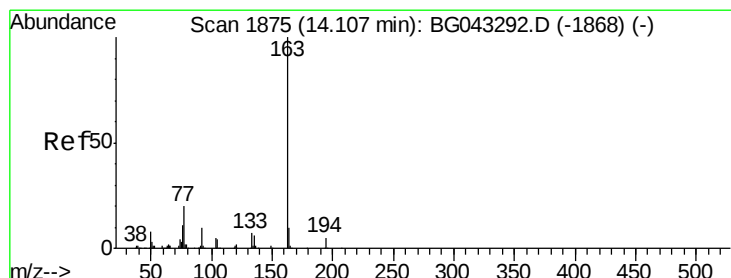
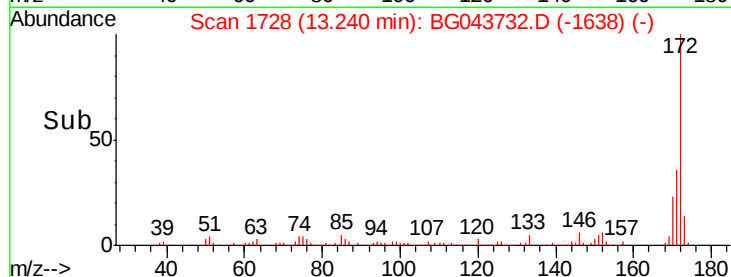
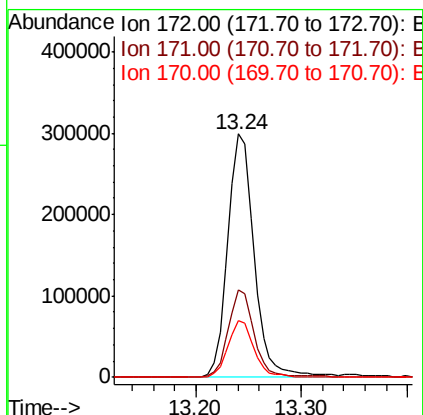
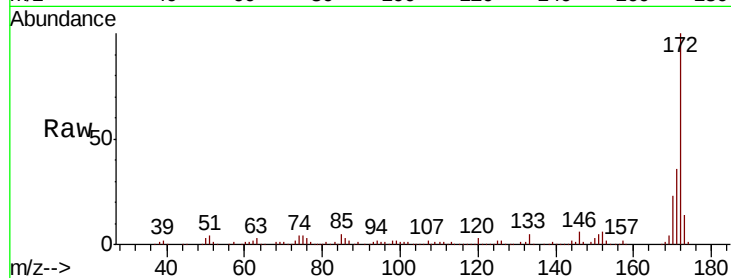




#45
2-Fluorobiphenyl
Concen: 96.722 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG043732.D
Acq: 20 Nov 2019 17:51

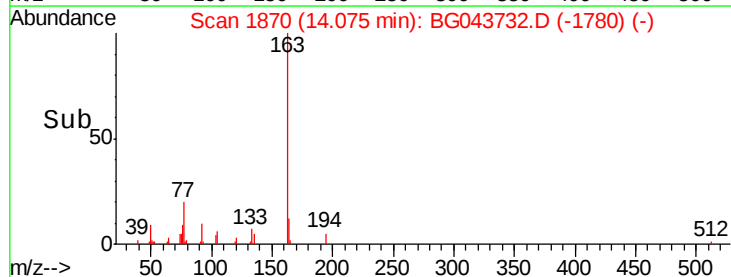
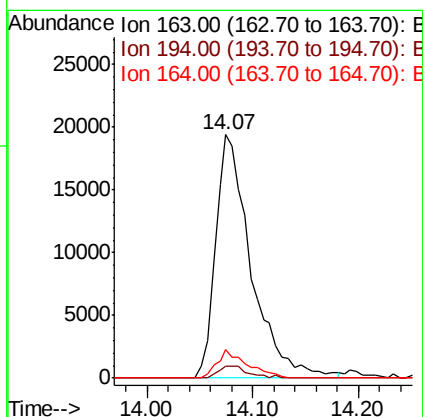
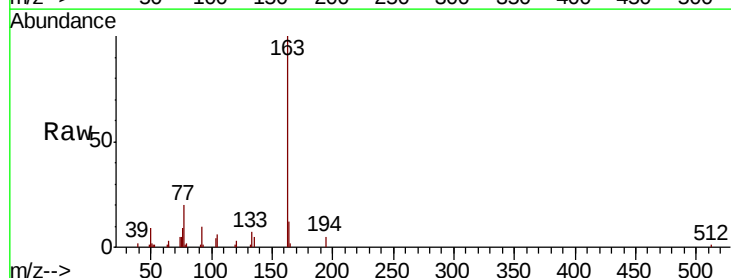
Instrument :
BNA_G
ClientSampleId :

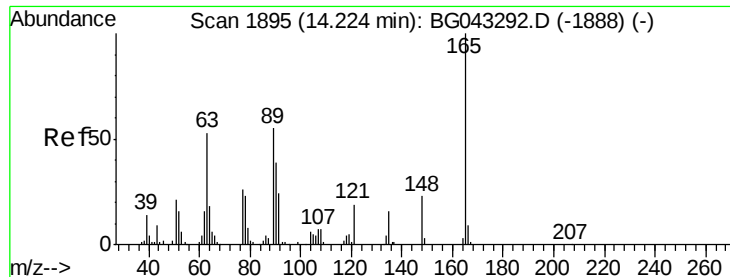
Tot Ion:172 Resp: 518291
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.1 18.8 28.2



#50
Dimethylphthalate
Concen: 7.906 ng
RT: 14.07 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BG043732.D
Acq: 20 Nov 2019 17:51

Tgt Ion:163 Resp: 45345
Ion Ratio Lower Upper
163 100
194 4.9 3.8 5.8
164 11.7 8.5 12.7

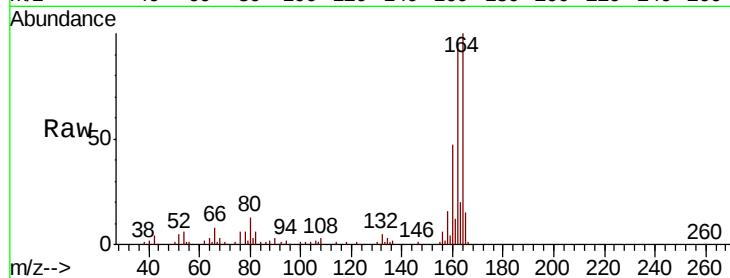




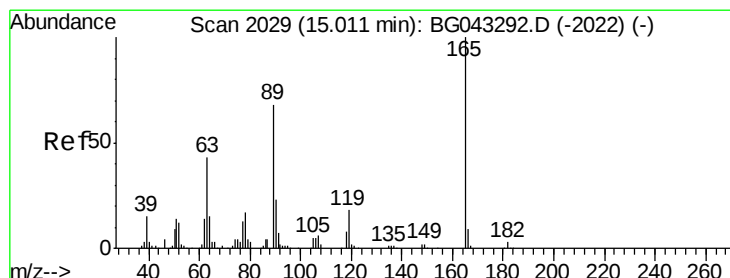
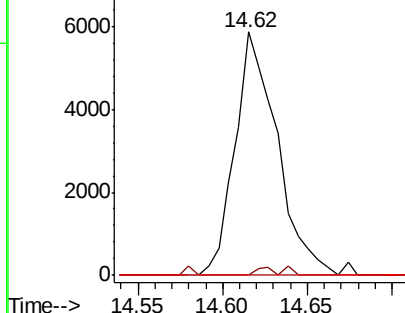
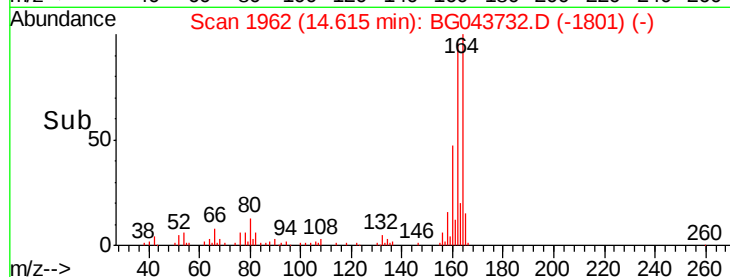
#51
 2,6-Dinitrotoluene
 Concen: 8.152 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. 0.41 min
 Lab File: BG043732.D
 Acq: 20 Nov 2019 17:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.0	67.6#
89	0.0	39.8	59.8#

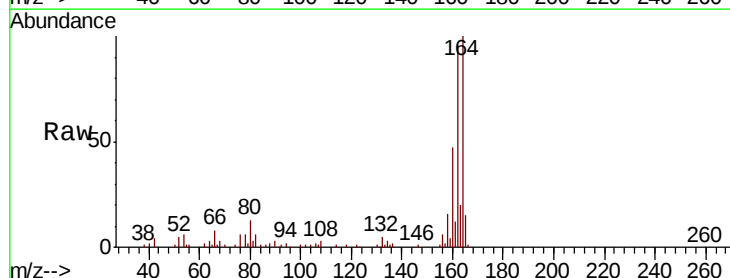


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

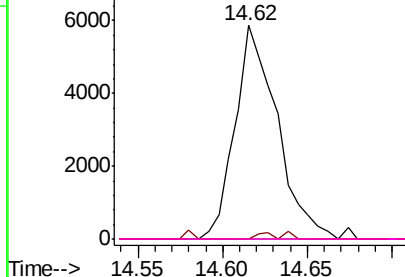
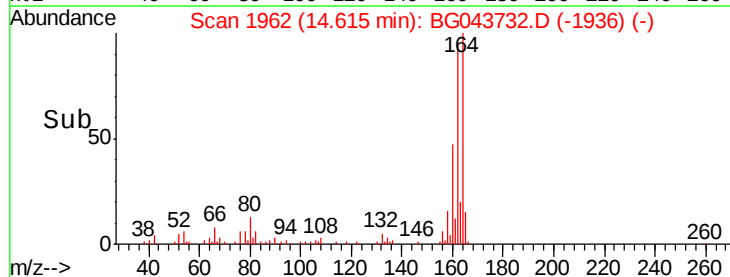


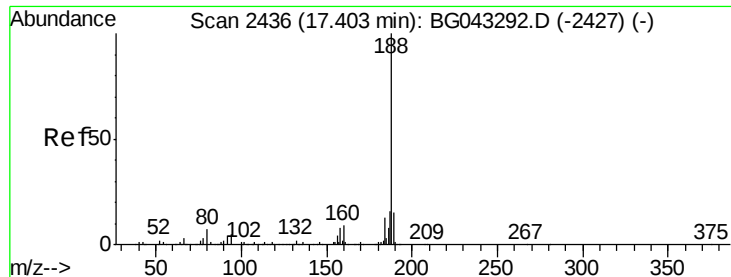
#57
 2,4-Dinitrotoluene
 Concen: 5.704 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.38 min
 Lab File: BG043732.D
 Acq: 20 Nov 2019 17:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.4	56.0#
89	0.0	50.9	76.3#
182	0.0	2.3	3.5#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG043732.D

Acq: 20 Nov 2019 17:51

Instrument :

BNA_G

ClientSampleId :

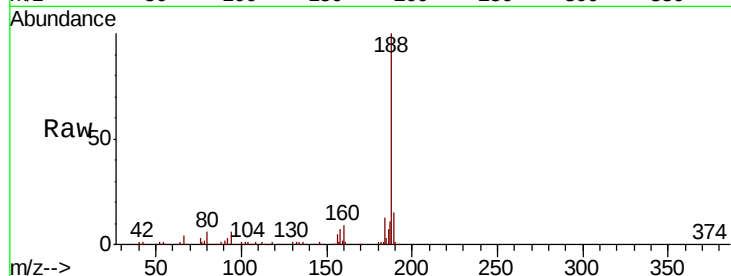
Tot Ion:188 Resp: 183364

Ion Ratio Lower Upper

188 100

94 5.5 4.6 7.0

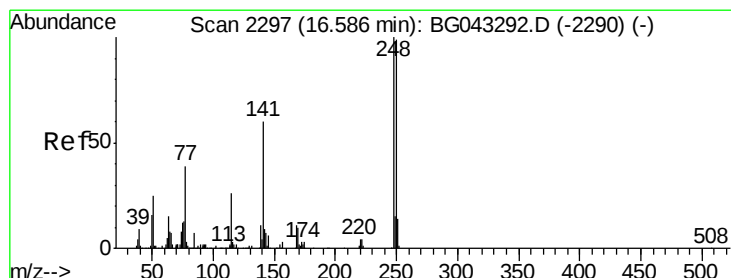
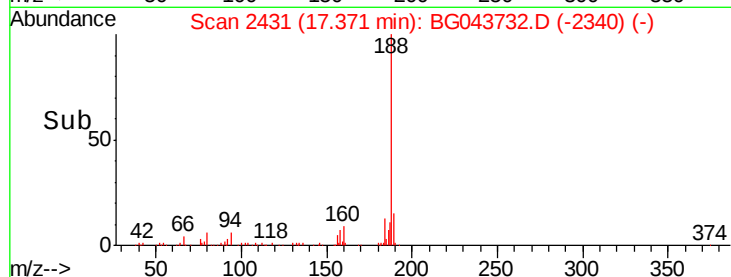
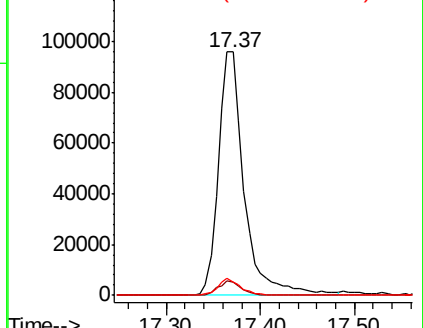
80 5.6 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 4.701 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.44 min

Lab File: BG043732.D

Acq: 20 Nov 2019 17:51

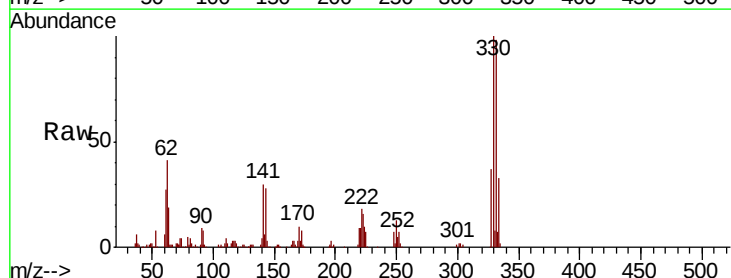
Tgt Ion:248 Resp: 11600

Ion Ratio Lower Upper

248 100

250 200.7 76.3 114.5#

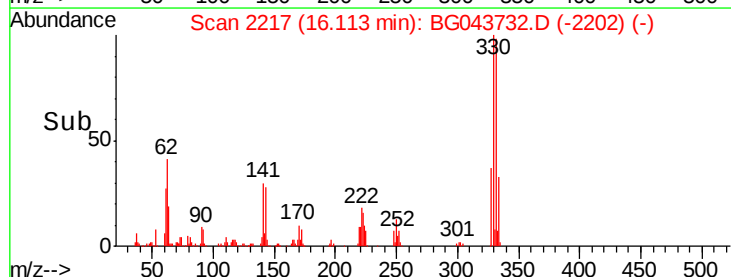
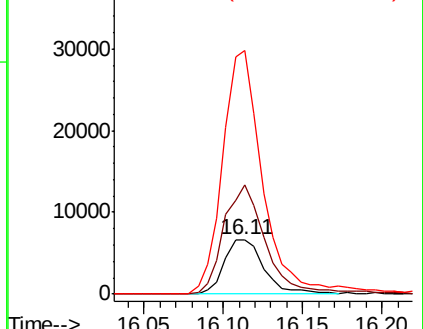
141 444.9 49.5 74.3#

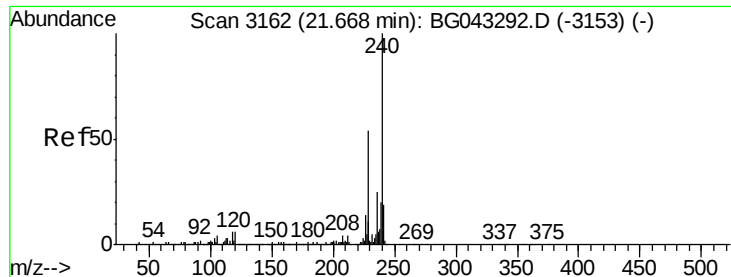


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG043732.D

Acq: 20 Nov 2019 17:51

Instrument :

BNA_G

ClientSampleId :

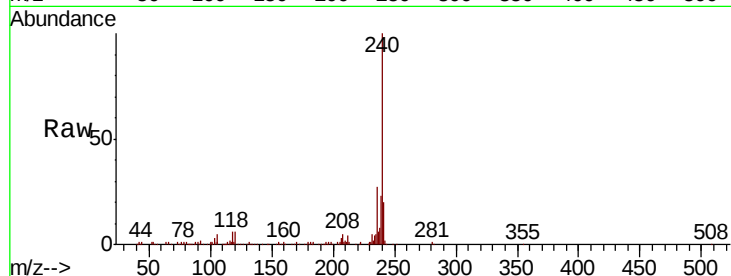
Tot Ion:240 Resp: 198478

Ion Ratio Lower Upper

240 100

120 6.1 4.9 7.3

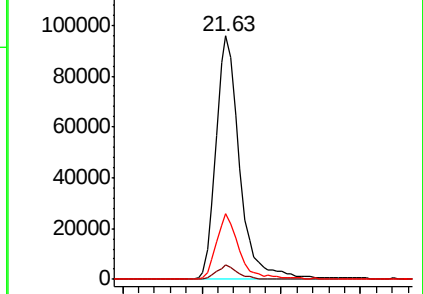
236 27.2 21.4 32.0



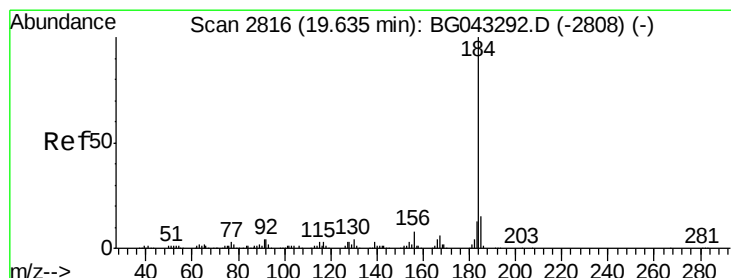
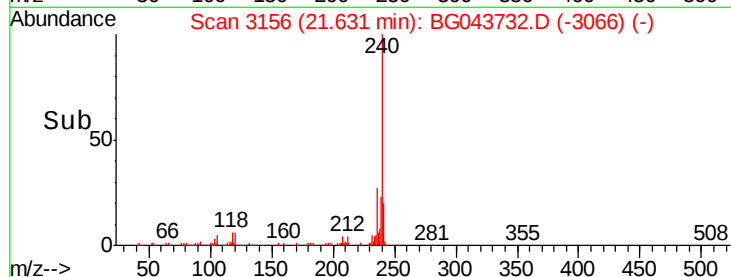
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.50 21.60 21.70 21.80



#77

Benzidine

Concen: 4.062 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.37 min

Lab File: BG043732.D

Acq: 20 Nov 2019 17:51

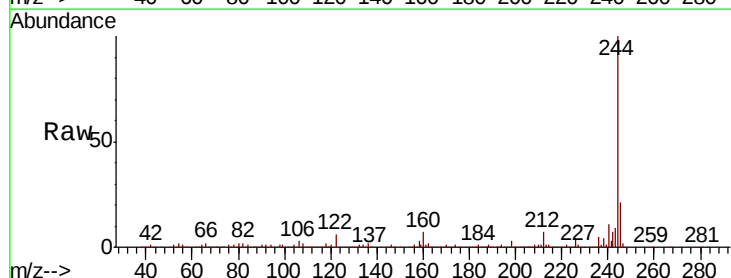
Tgt Ion:184 Resp: 16224

Ion Ratio Lower Upper

184 100

185 22.5 12.7 19.1#

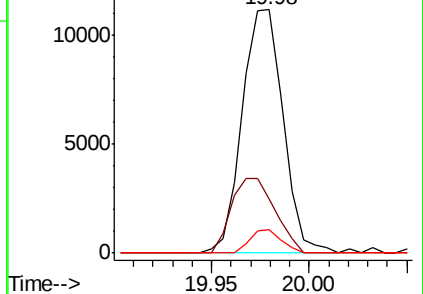
183 9.8 8.8 13.2



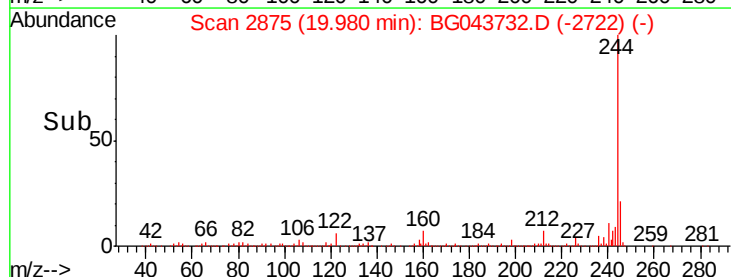
Abundance Ion 184.00 (183.70 to 184.70): E

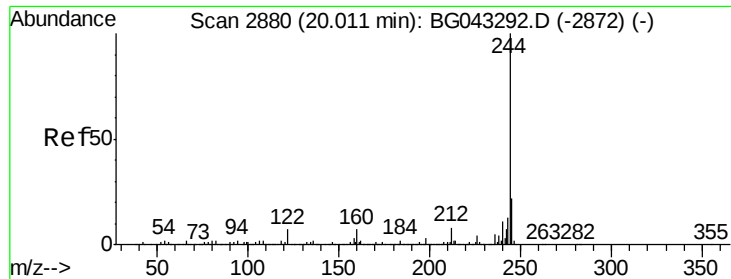
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.95 20.00



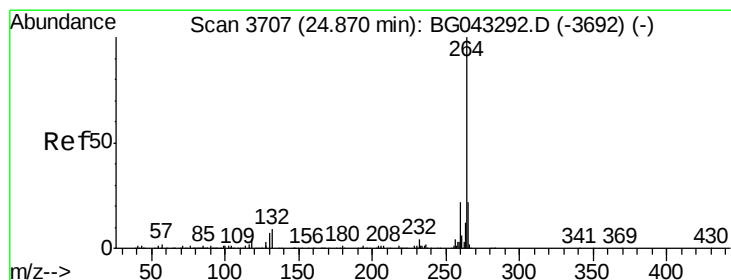
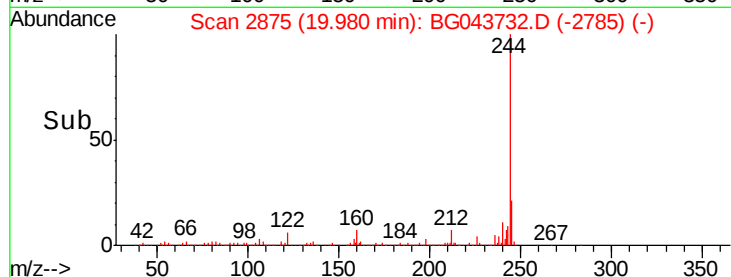
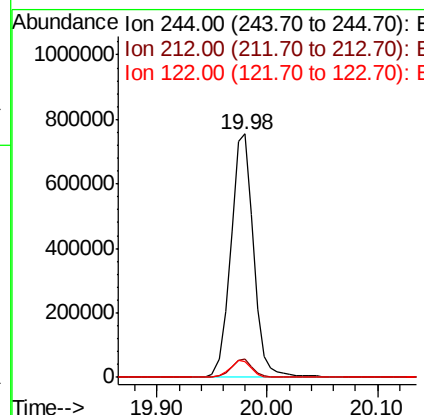
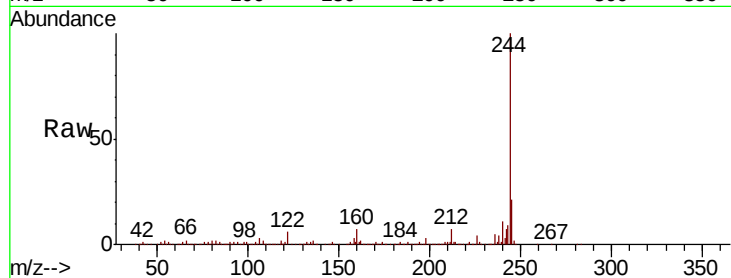


#79
 Terphenyl-d14
 Concen: 103.253 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.00 min
 Lab File: BG043732.D
 Acq: 20 Nov 2019 17:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1092369

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	6.3	5.2	7.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.80 min Scan# 3696
 Delta R.T. -0.01 min
 Lab File: BG043732.D
 Acq: 20 Nov 2019 17:51

Tgt Ion:264 Resp: 225676

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	21.1	15.8	23.8

