

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
 Data File : BG043738.D
 Acq On : 20 Nov 2019 21:44
 Operator : JU
 Sample : K5934-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 21 00:37:15 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

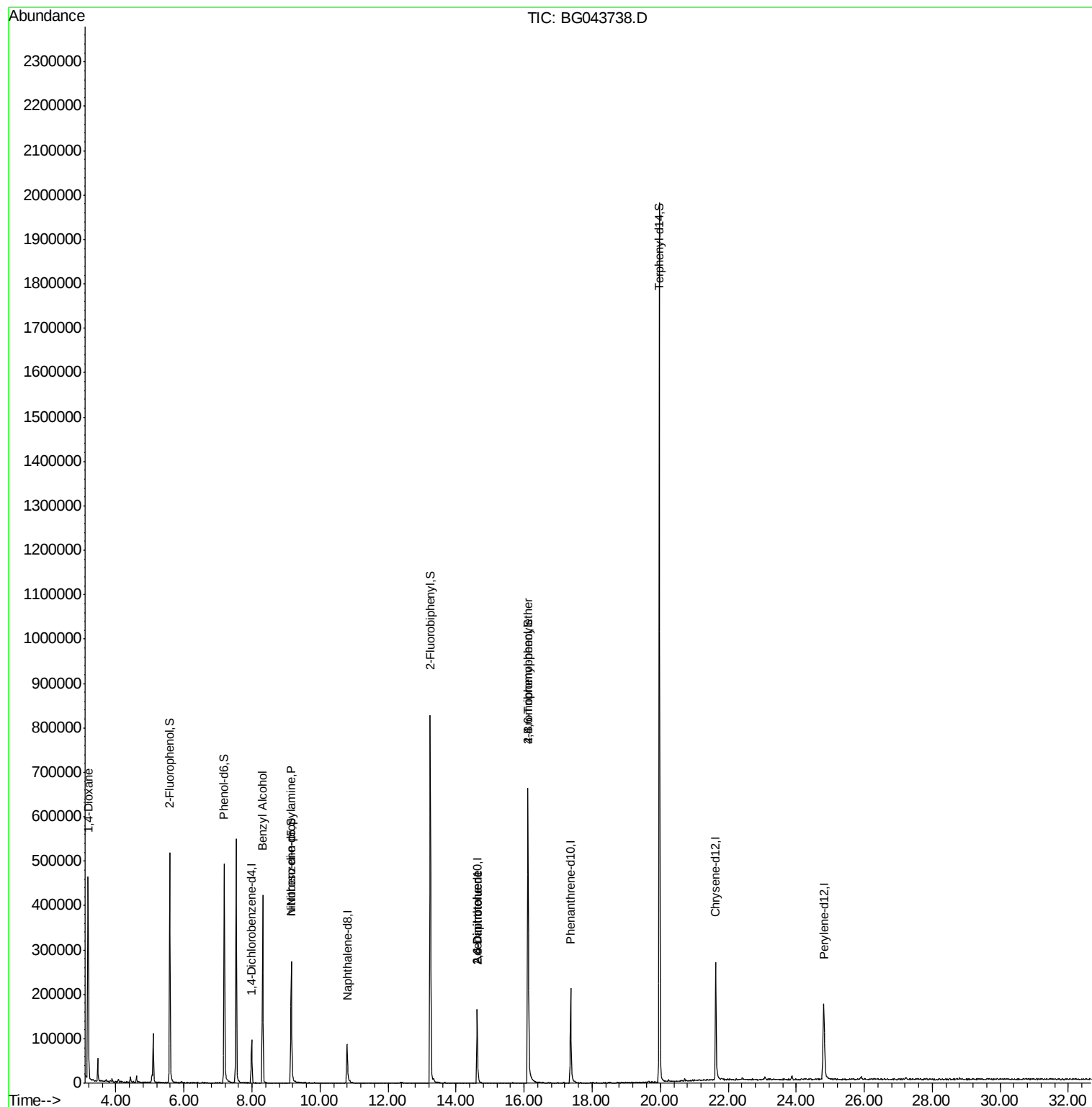
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	28605	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	99811	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	73266	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	185871	20.00	ng	0.00
76) Chrysene-d12	21.63	240	202067	20.00	ng	0.00
87) Perylene-d12	24.81	264	228824	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	234476	150.21	ng	0.00
7) Phenol-d6	7.18	99	308489	137.35	ng	0.00
23) Nitrobenzene-d5	9.15	82	190319	98.30	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	190873	136.90	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	513248	96.80	ng	0.00
79) Terphenyl-d14	19.97	244	1112253	103.27	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.19	88	5938	9.761	ng	# 1
15) Benzyl Alcohol	8.31	79	3773	2.392	ng	# 54
19) n-Nitroso-di-n-propylamine	9.15	70	27754	19.124	ng	# 75
51) 2,6-Dinitrotoluene	14.63	165	10433	8.462	ng	# 25
57) 2,4-Dinitrotoluene	14.63	165	10433	5.921	ng	# 25
67) 4-Bromophenyl-phenylether	16.11	248	12854	5.139	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
Data File : BG043738.D
Acq On : 20 Nov 2019 21:44
Operator : JU
Sample : K5934-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 21 00:37:15 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



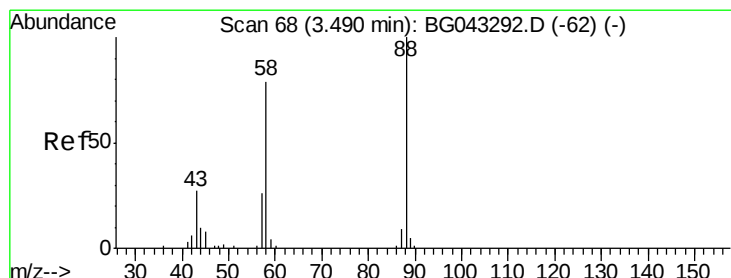
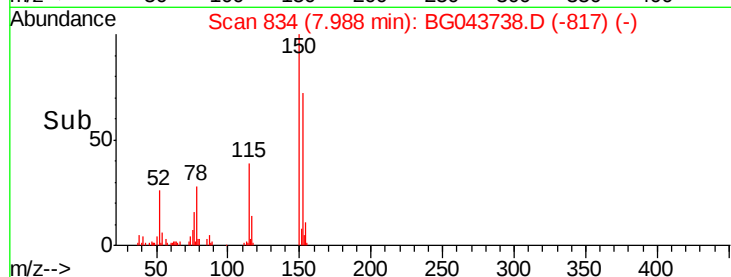
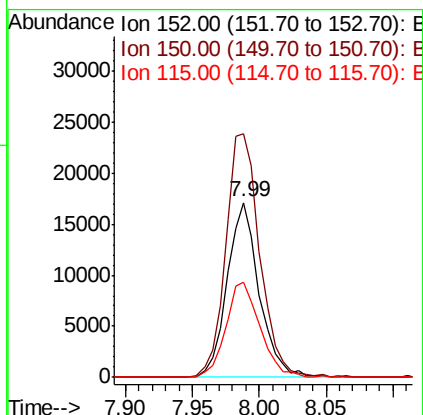
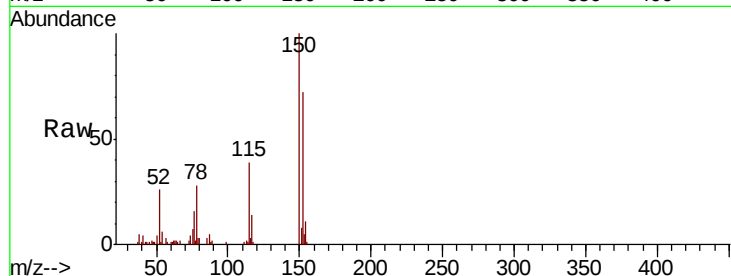


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043738.D
Acq: 20 Nov 2019 21:44

Instrument :
BNA_G
ClientSampleId :

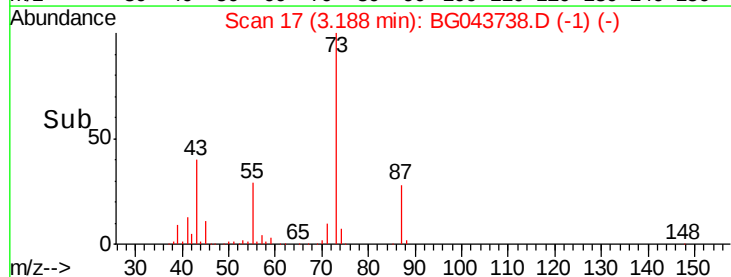
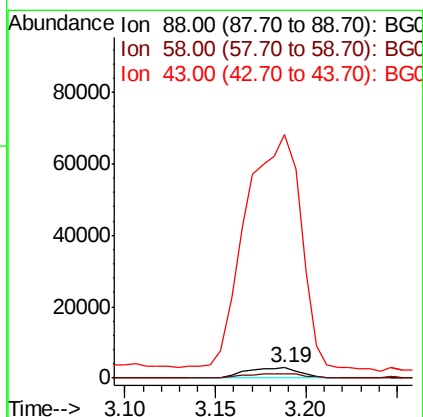
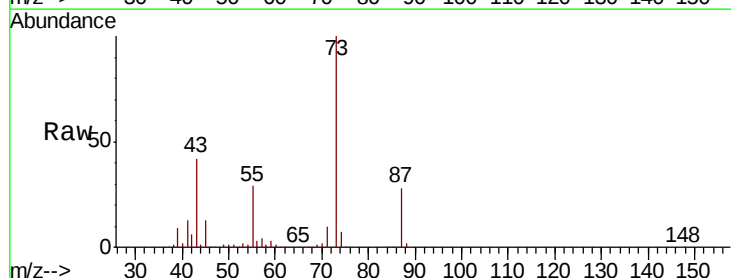
Tot Ion:152 Resp: 28605
Ion Ratio Lower Upper
152 100
150 139.3 116.6 175.0
115 54.8 40.5 60.7

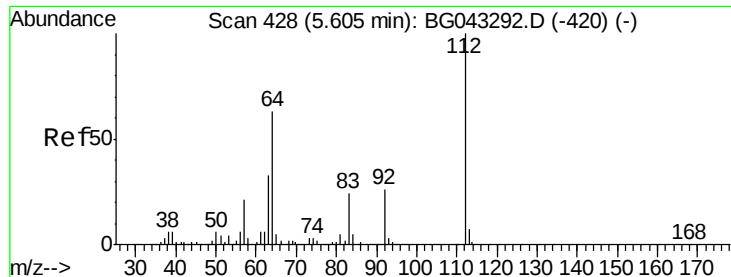


#2

1,4-Dioxane
Concen: 9.761 ng
RT: 3.19 min Scan# 17
Delta R.T. -0.26 min
Lab File: BG043738.D
Acq: 20 Nov 2019 21:44

Tgt Ion: 88 Resp: 5938
Ion Ratio Lower Upper
88 100
58 48.0 62.2 93.4#
43 2417.2 30.1 45.1#





#5

2-Fluorophenol

Concen: 150.206 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG043738.D

Acq: 20 Nov 2019 21:44

Instrument :

BNA_G

ClientSampleId :

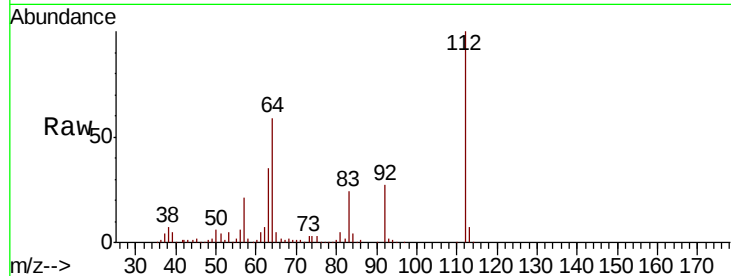
Tot Ion:112 Resp: 234476

Ion Ratio Lower Upper

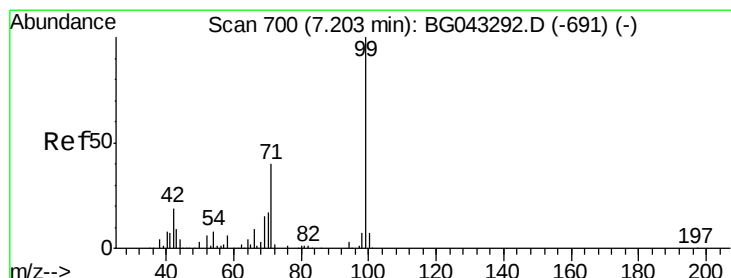
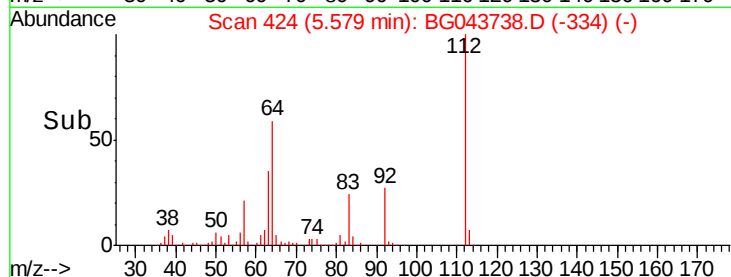
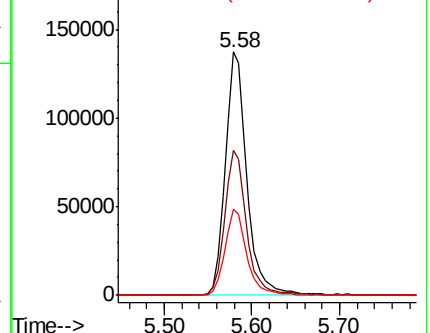
112 100

64 59.5 50.6 75.8

63 35.2 30.5 45.7



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



#7

Phenol-d6

Concen: 137.353 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043738.D

Acq: 20 Nov 2019 21:44

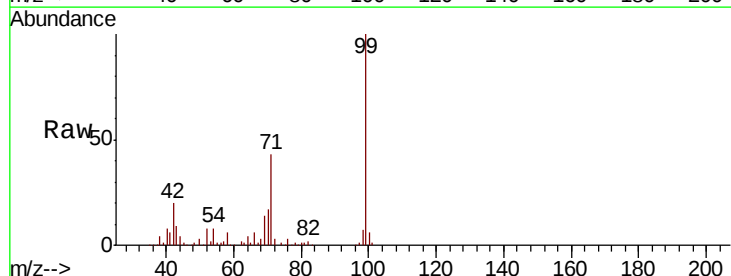
Tgt Ion: 99 Resp: 308489

Ion Ratio Lower Upper

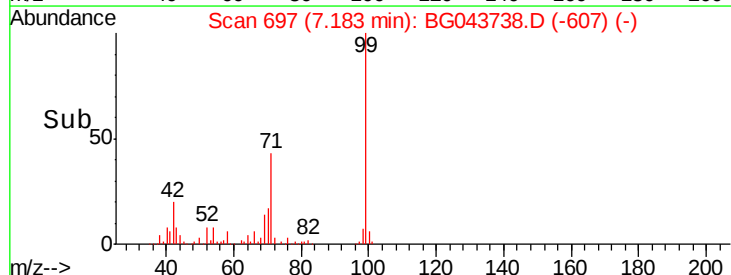
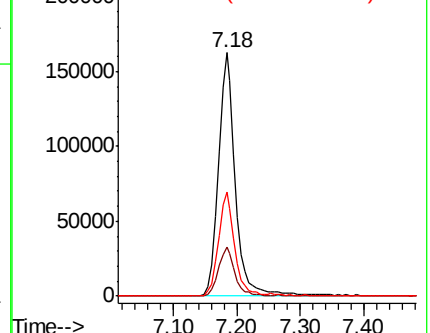
99 100

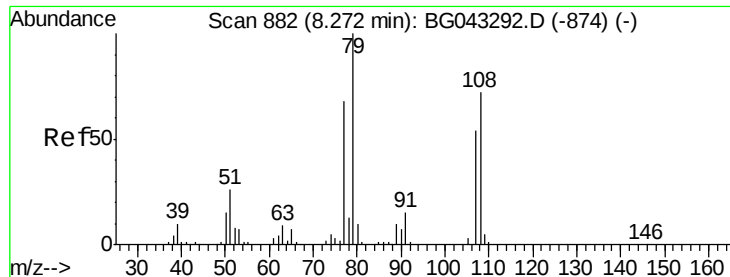
42 20.0 15.8 23.8

71 42.6 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





#15

Benzyl Alcohol

Concen: 2.392 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.07 min

Lab File: BG043738.D

Acq: 20 Nov 2019 21:44

Instrument :

BNA_G

ClientSampleId :

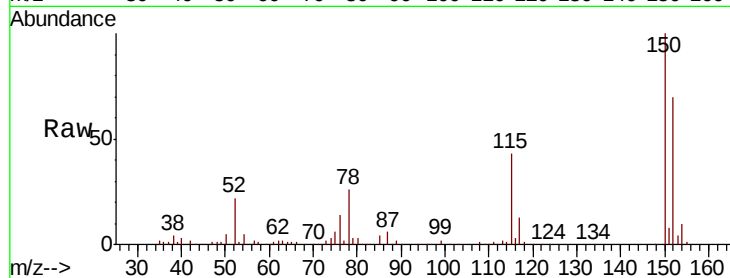
Tot Ion: 79 Resp: 3773

Ion Ratio Lower Upper

79 100

108 22.1 56.0 84.0#

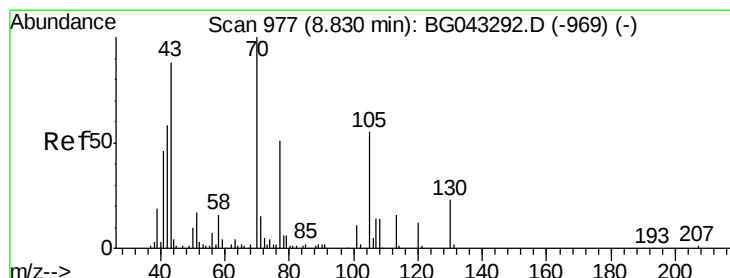
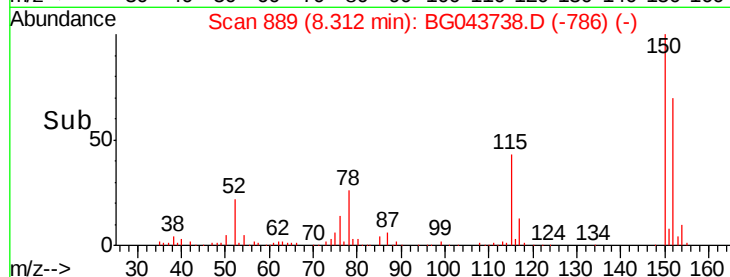
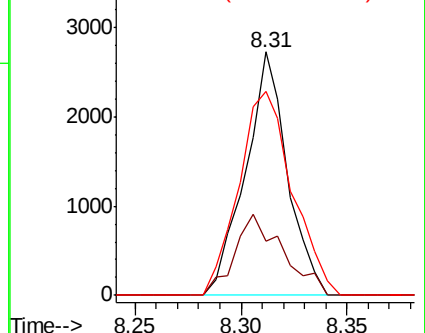
77 83.7 47.9 71.9#



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: 19.124 ng

RT: 9.15 min Scan# 1032

Delta R.T. 0.36 min

Lab File: BG043738.D

Acq: 20 Nov 2019 21:44

Tgt Ion: 70 Resp: 27754

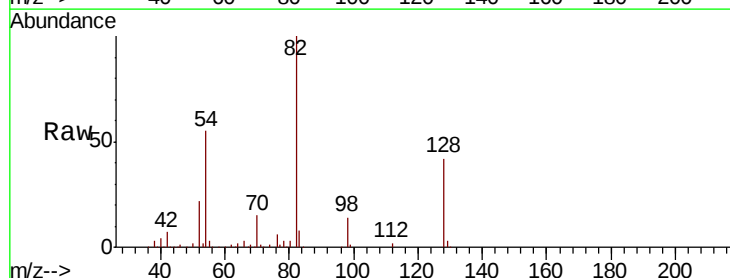
Ion Ratio Lower Upper

70 100

42 47.7 49.7 74.5#

101 0.0 9.7 14.5#

130 2.4 17.7 26.5#

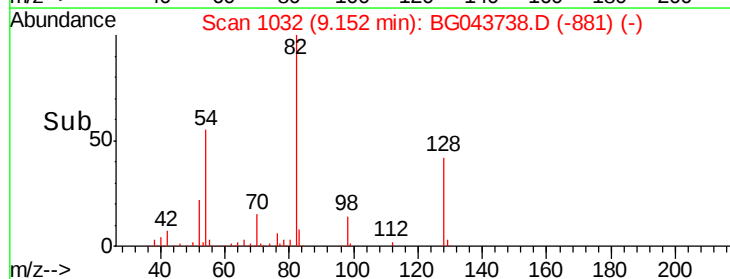
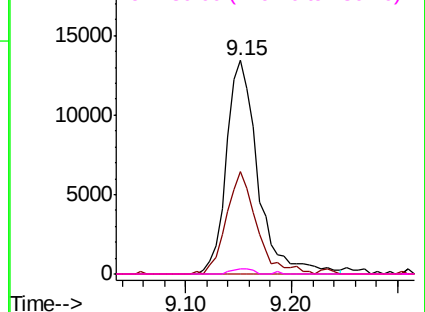


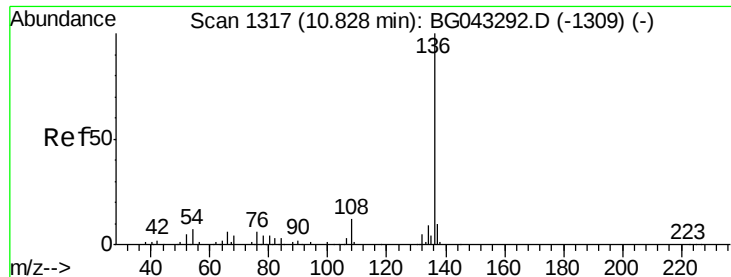
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

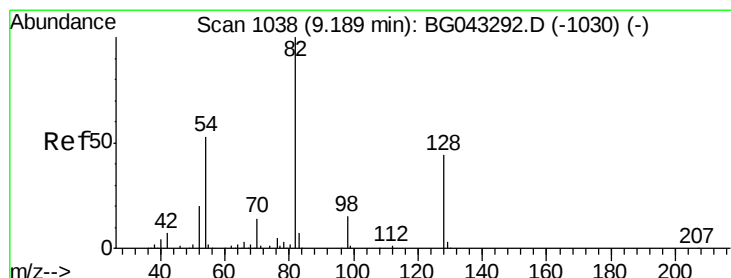
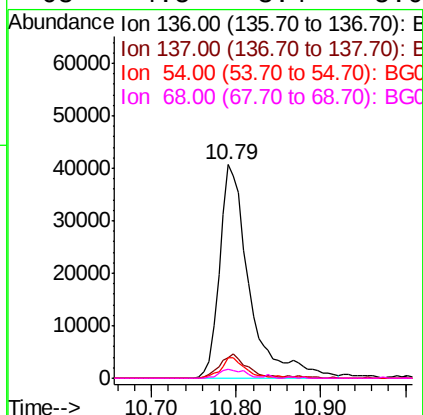
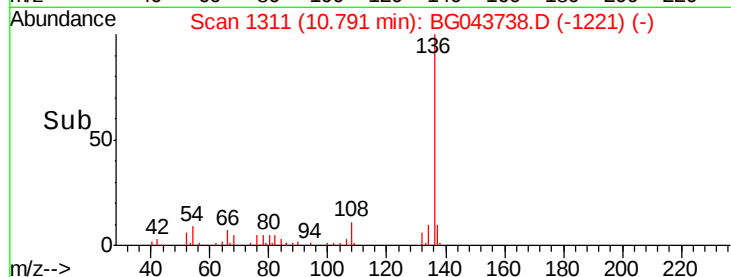
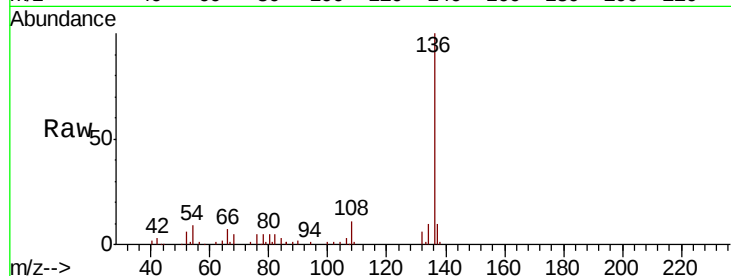




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG043738.D
Acq: 20 Nov 2019 21:44

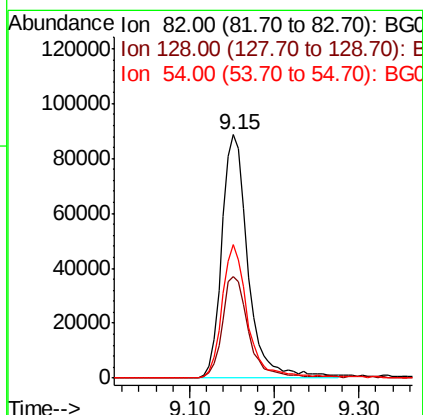
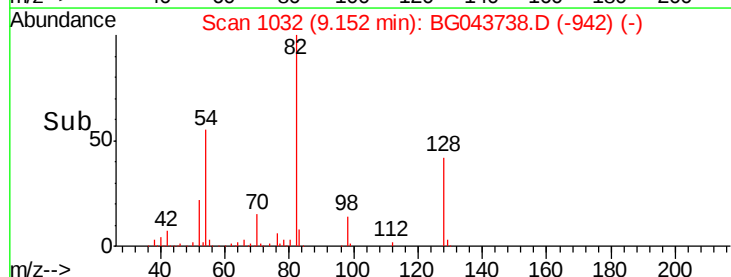
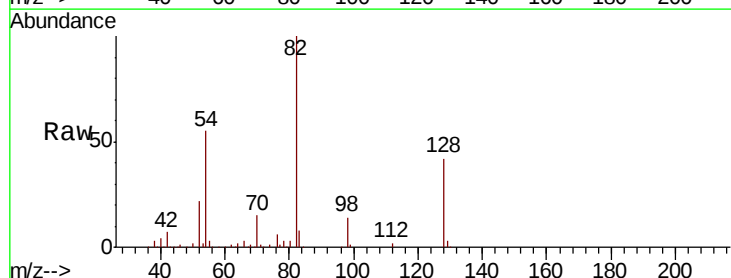
Instrument :
BNA_G
ClientSampleId :

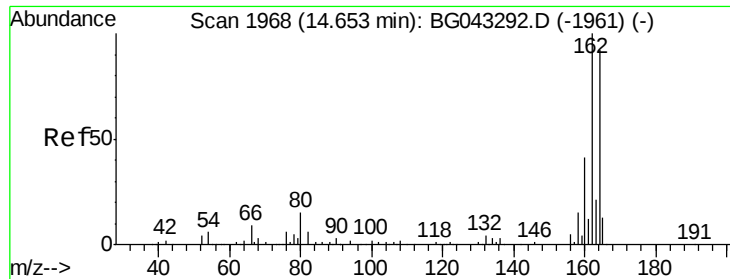
Tot Ion:136	Resp:	99811
Ion Ratio	Lower	Upper
136	100	
137	9.9	8.8 13.2
54	9.4	6.2 9.2#
68	4.5	3.4 5.0



#23
Nitrobenzene-d5
Concen: 98.304 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043738.D
Acq: 20 Nov 2019 21:44

Tgt Ion: 82	Resp:	190319
Ion Ratio	Lower	Upper
82	100	
128	41.8	34.2 51.4
54	54.6	44.7 67.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG043738.D

Acq: 20 Nov 2019 21:44

Instrument :

BNA_G

ClientSampleId :

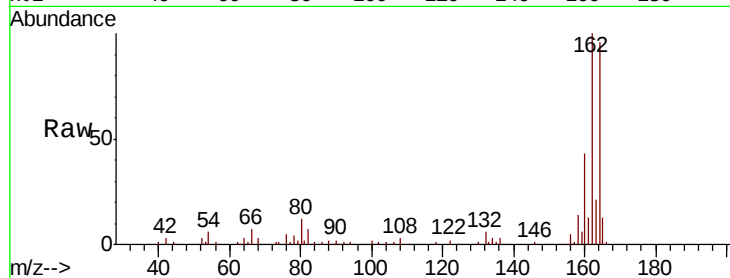
Tot Ion:164 Resp: 73266

Ion	Ratio	Lower	Upper
164	100		
162	103.8	79.4	119.2
160	44.7	36.3	54.5

164 100

162 103.8 79.4 119.2

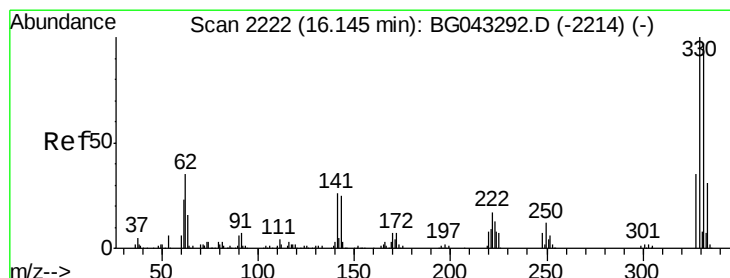
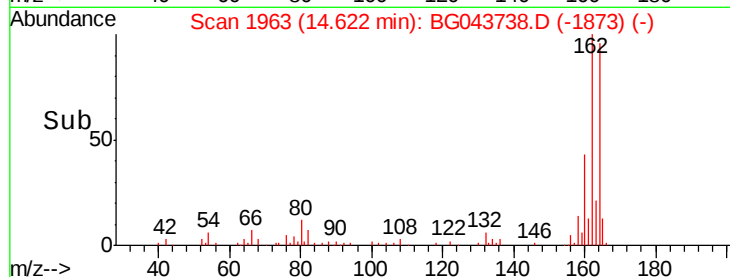
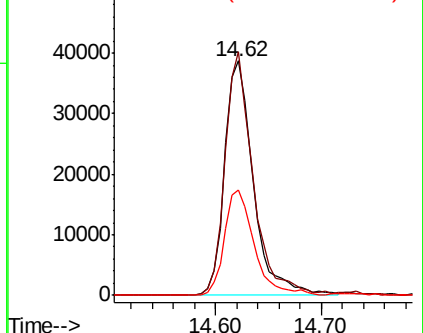
160 44.7 36.3 54.5



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: 136.900 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG043738.D

Acq: 20 Nov 2019 21:44

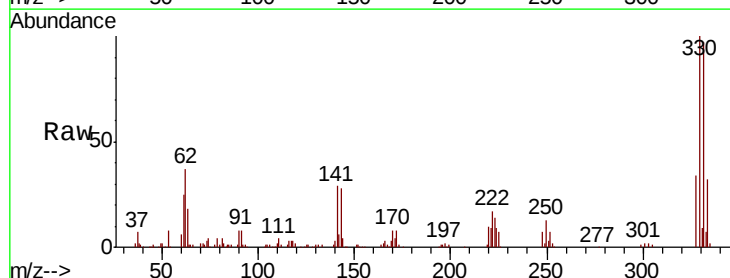
Tgt Ion:330 Resp: 190873

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	28.6	23.4	35.2

330 100

332 95.7 76.6 115.0

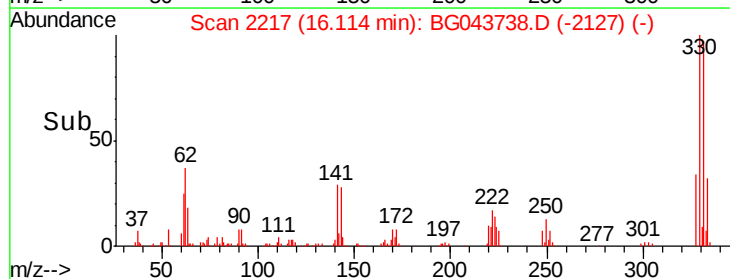
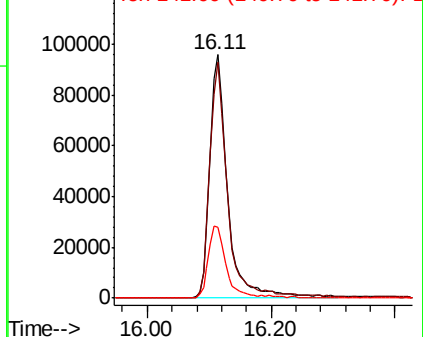
141 28.6 23.4 35.2

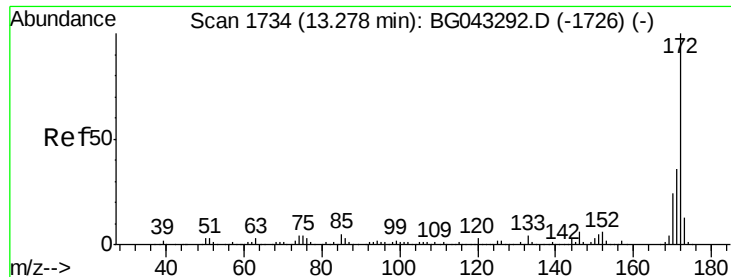


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

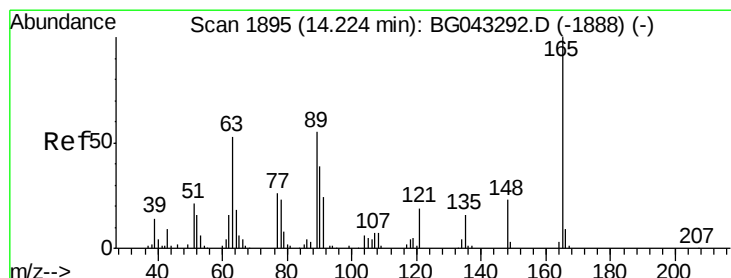
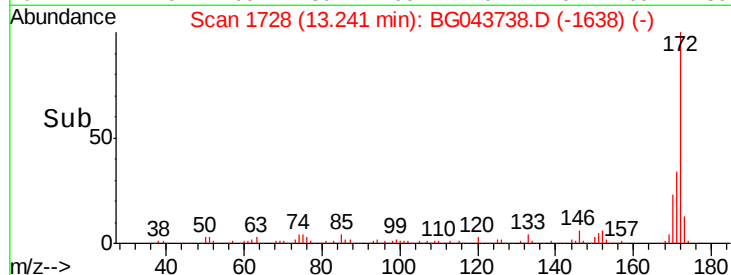
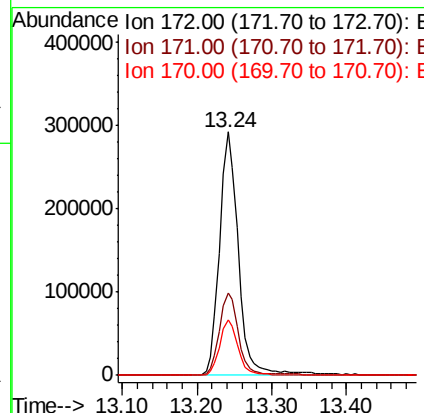
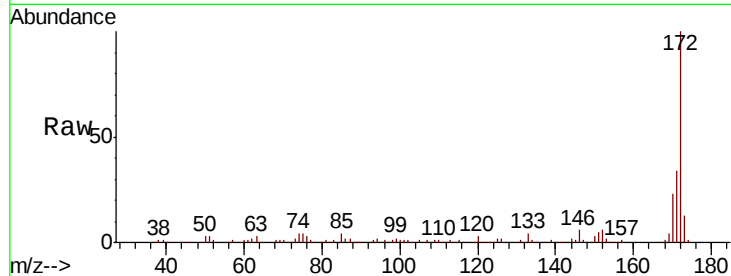




#45
2-Fluorobiphenyl
Concen: 96.799 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG043738.D
Acq: 20 Nov 2019 21:44

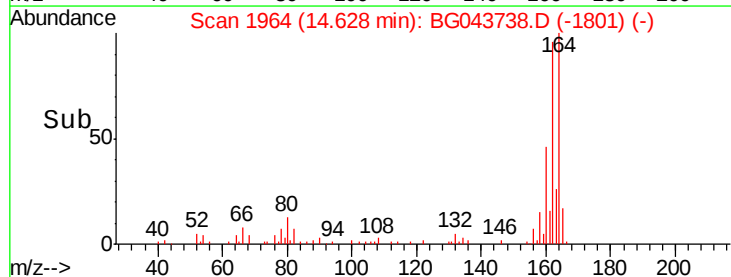
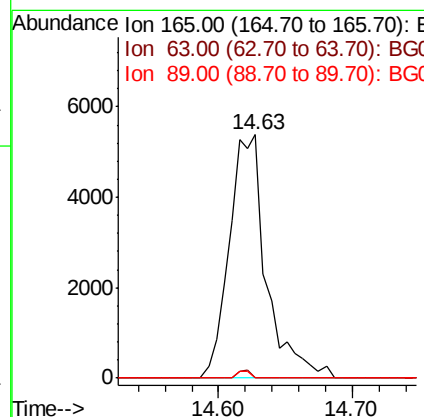
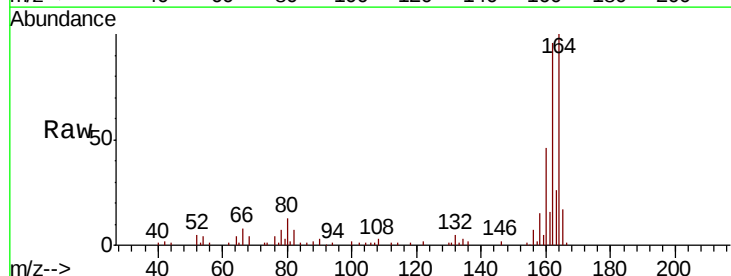
Instrument :
BNA_G
ClientSampleId :

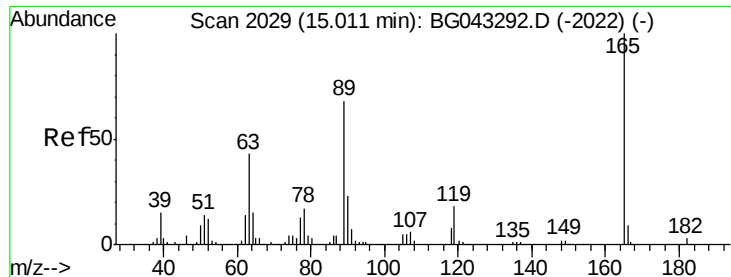
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.1	42.1
170	22.6	18.8	28.2



#51
2,6-Dinitrotoluene
Concen: 8.462 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.43 min
Lab File: BG043738.D
Acq: 20 Nov 2019 21:44

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

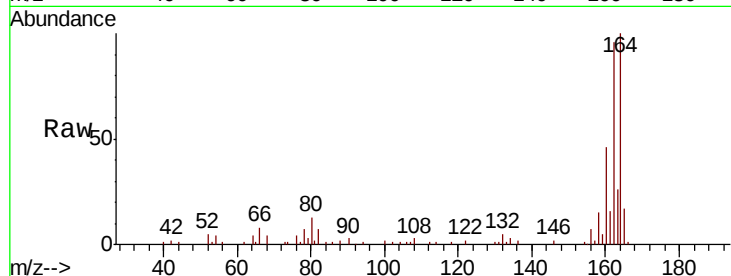




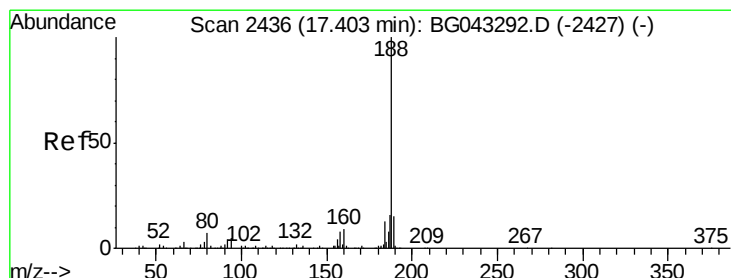
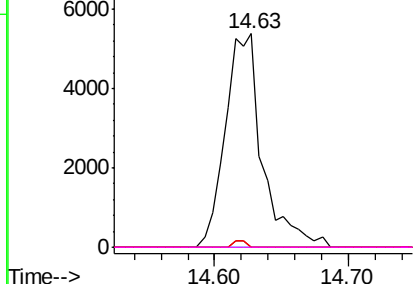
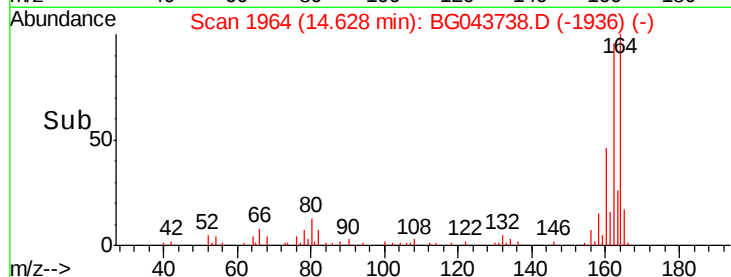
#57
2,4-Dinitrotoluene
Concen: 5.921 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.37 min
Lab File: BG043738.D
Acq: 20 Nov 2019 21:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 10433
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#

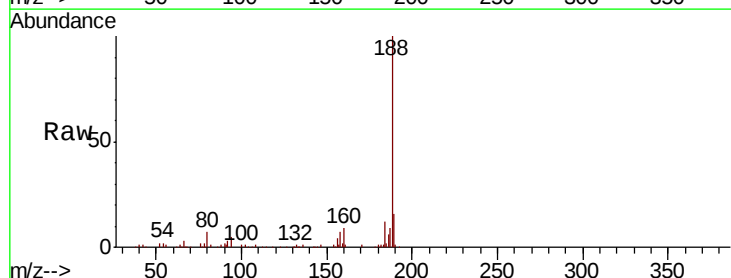


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

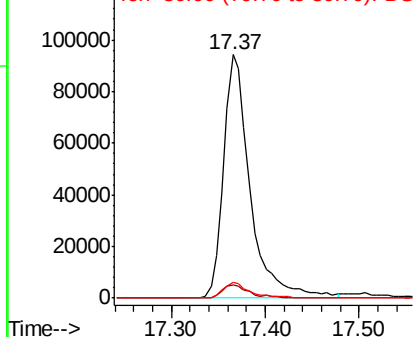
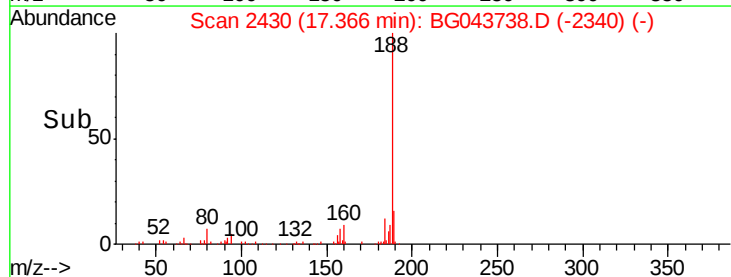


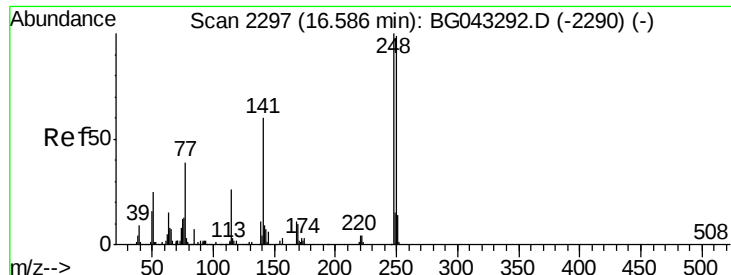
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG043738.D
Acq: 20 Nov 2019 21:44

Tgt Ion:188 Resp: 185871
Ion Ratio Lower Upper
188 100
94 5.4 4.6 7.0
80 6.6 5.2 7.8



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

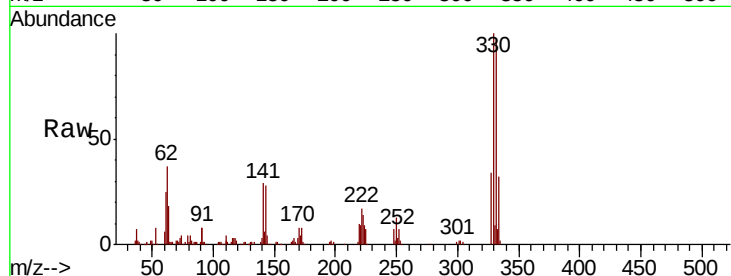




#67
 4-Bromophenyl-phenylether
 Concen: 5.139 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.44 min
 Lab File: BG043738.D
 Acq: 20 Nov 2019 21:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	184.6	76.3	114.5#
141	416.9	49.5	74.3#

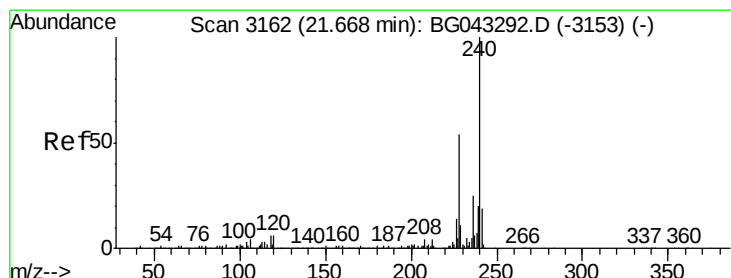
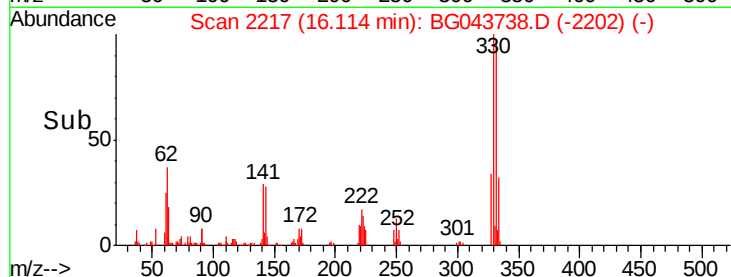
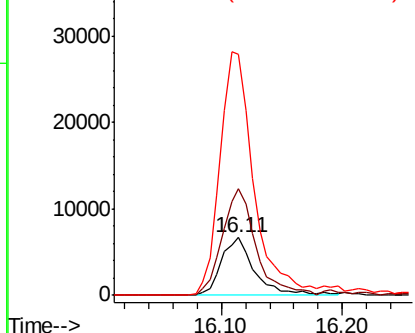


Abundance

Ion 248.00 (247.70 to 248.70): E

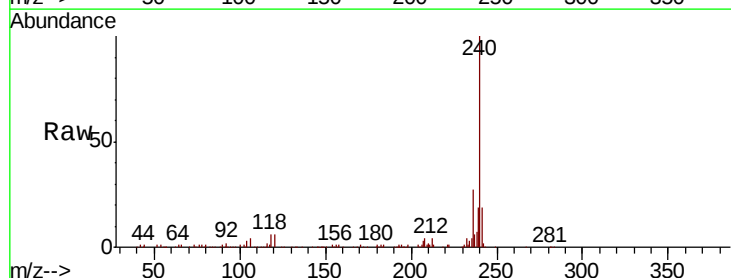
Ion 250.00 (249.70 to 250.70): E

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: BG043738.D
 Acq: 20 Nov 2019 21:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.9	7.3
236	26.8	21.4	32.0

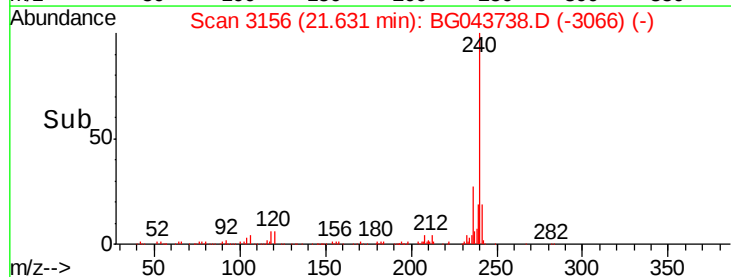
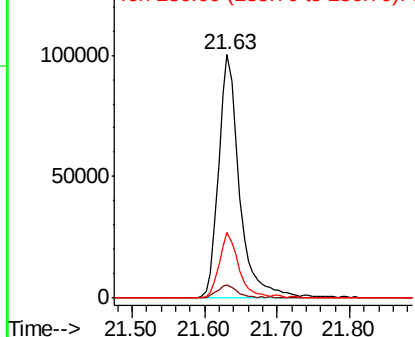


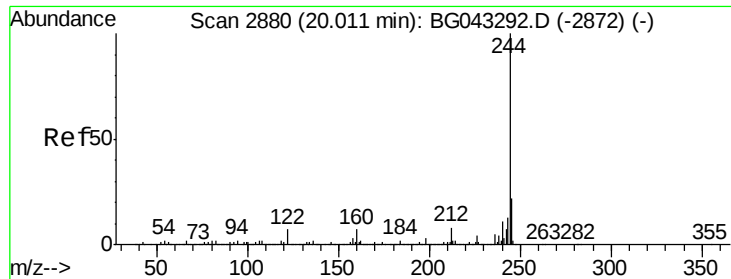
Abundance

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



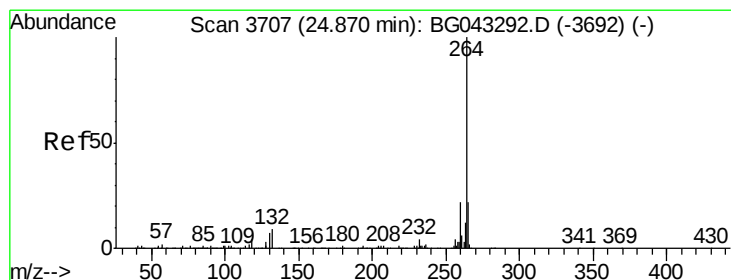
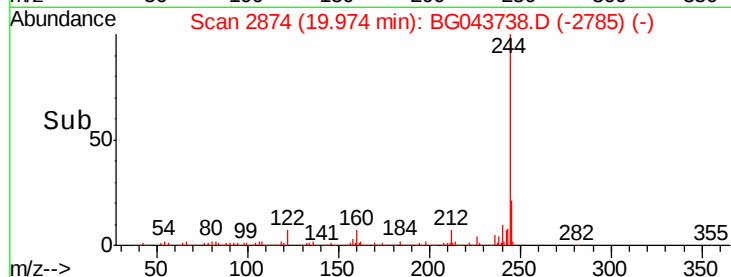
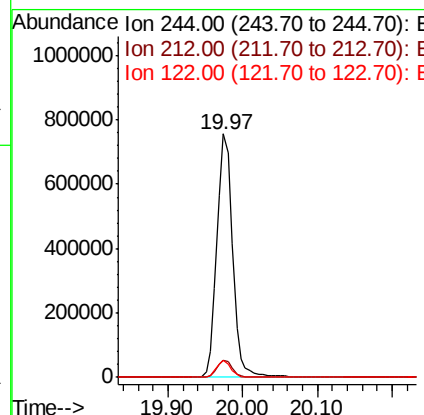
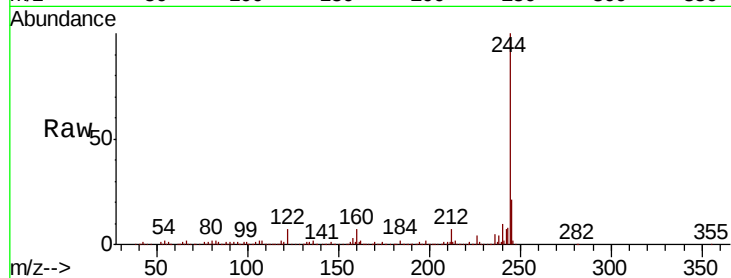


#79
 Terphenyl-d14
 Concen: 103.265 ng
 RT: 19.97 min Scan# 2874
 Delta R.T. -0.01 min
 Lab File: BG043738.D
 Acq: 20 Nov 2019 21:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1112253

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	6.9	5.2	7.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.81 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: BG043738.D
 Acq: 20 Nov 2019 21:44

Tgt Ion:264 Resp: 228824

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.4	27.6
265	21.4	15.8	23.8

