

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043374.D
 Acq On : 29 Oct 2019 15:06
 Operator : JU
 Sample : PB124325BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:21:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

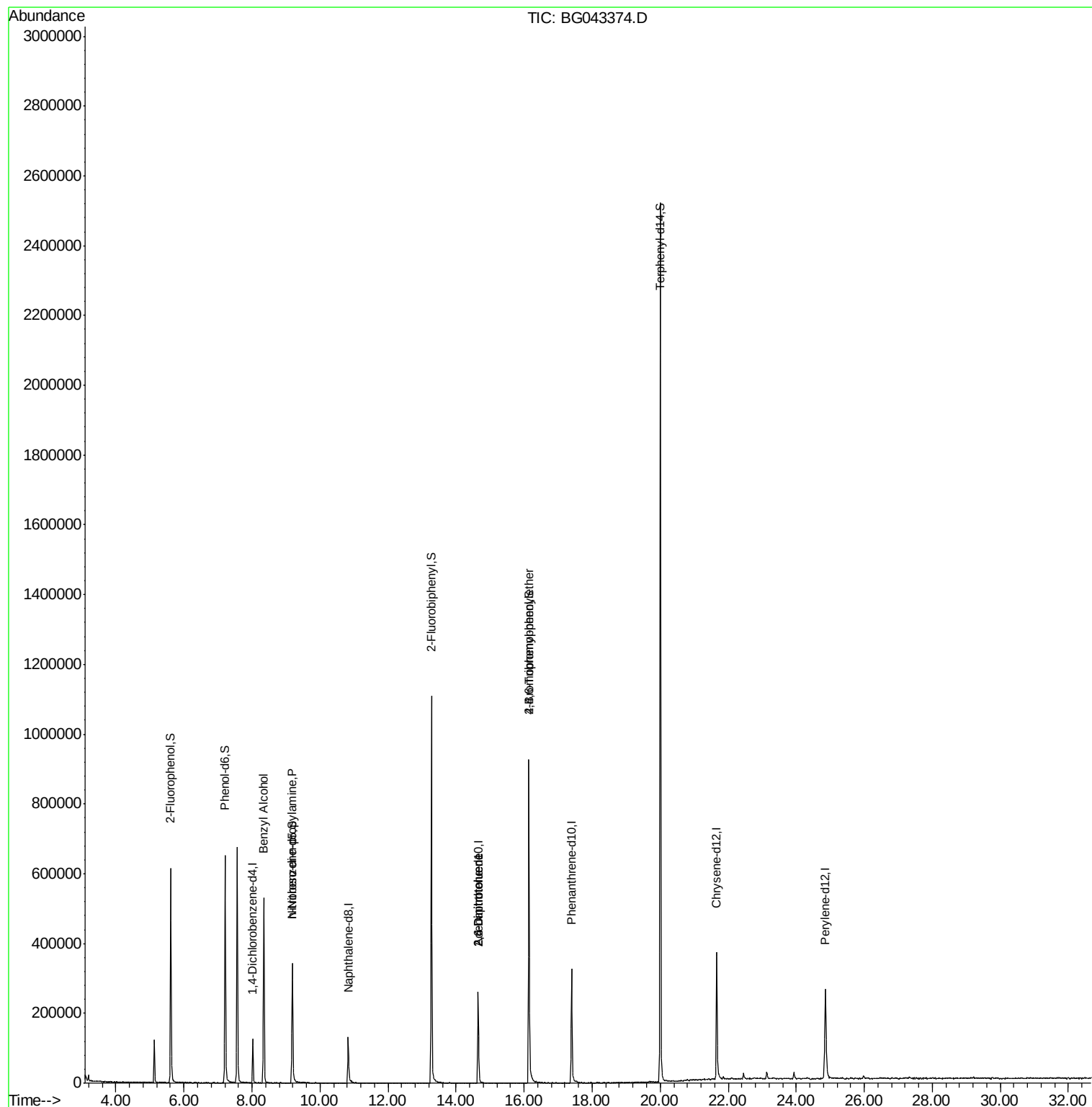
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	38307	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	135101	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	109985	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	249997	20.00	ng	0.00
76) Chrysene-d12	21.66	240	275816	20.00	ng	0.00
87) Perylene-d12	24.86	264	327470	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	295096	141.16	ng	0.00
7) Phenol-d6	7.21	99	401233	133.40	ng	0.00
23) Nitrobenzene-d5	9.19	82	240370	91.73	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	245265	117.18	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	679980	85.43	ng	0.00
79) Terphenyl-d14	20.00	244	1393713	94.80	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	4452	2.108	ng	# 66
19) n-Nitroso-di-n-propylamine	9.19	70	32562	16.754	ng	# 76
51) 2,6-Dinitrotoluene	14.65	165	15018	8.115	ng	# 23
57) 2,4-Dinitrotoluene	14.65	165	15018	5.678	ng	# 24
67) 4-Bromophenyl-phenylether	16.14	248	16043	4.768	ng	# 1

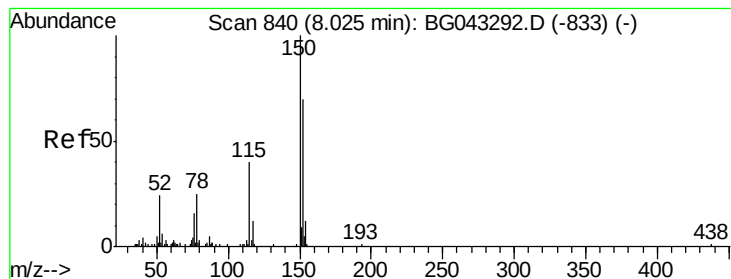
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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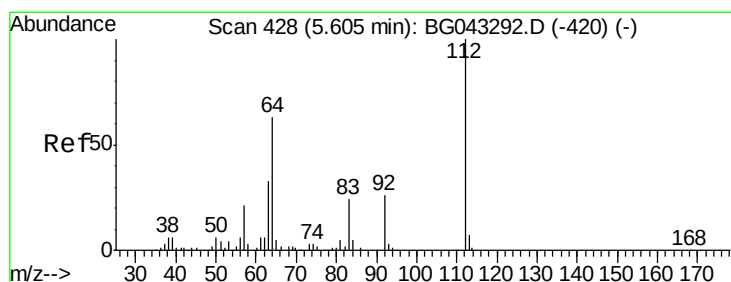
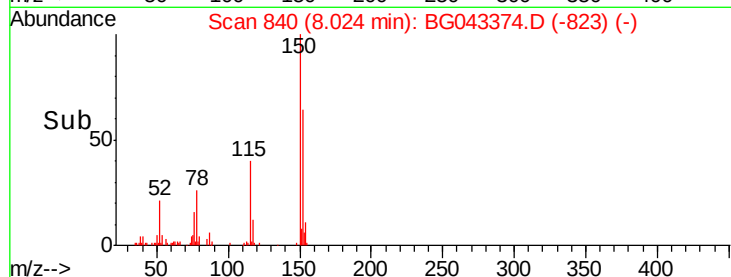
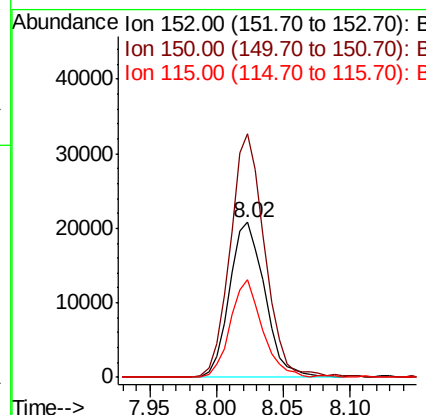
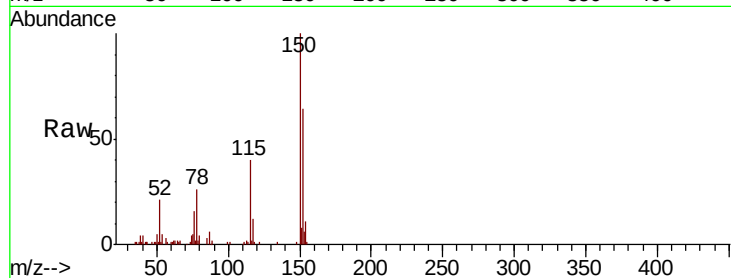


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043374.D
Acq: 29 Oct 2019 15:06

Instrument :
BNA_G
ClientSampleId :

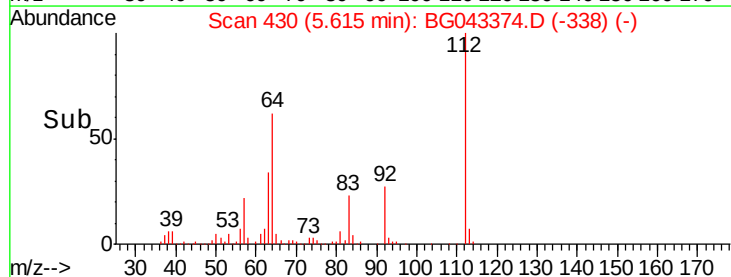
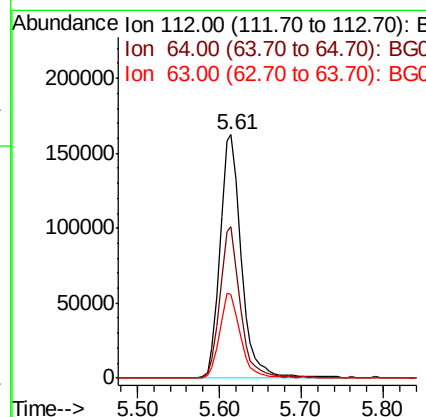
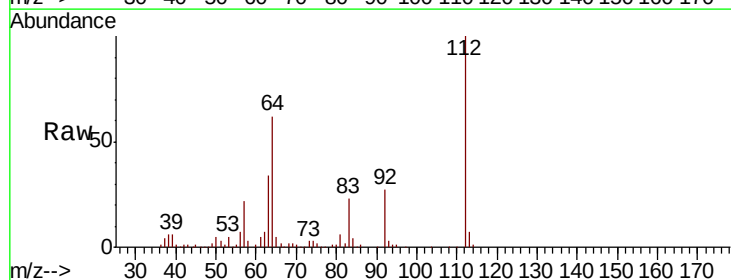
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	113.6	170.4
115	63.1	45.9	68.9

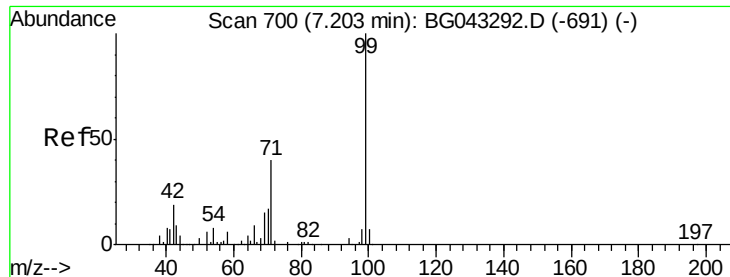


#5

2-Fluorophenol
Concen: 141.162 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043374.D
Acq: 29 Oct 2019 15:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	50.2	75.2
63	34.4	26.7	40.1





#7

Phenol-d6

Concen: 133.401 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043374.D

Acq: 29 Oct 2019 15:06

Instrument :

BNA_G

ClientSampled :

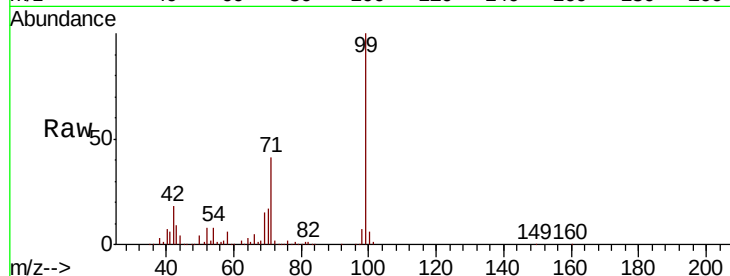
Tot Ion: 99 Resp: 401233

Ion Ratio Lower Upper

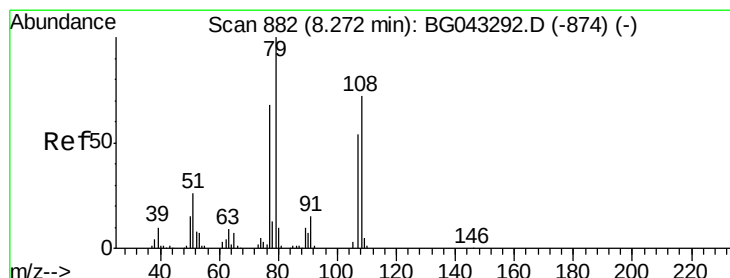
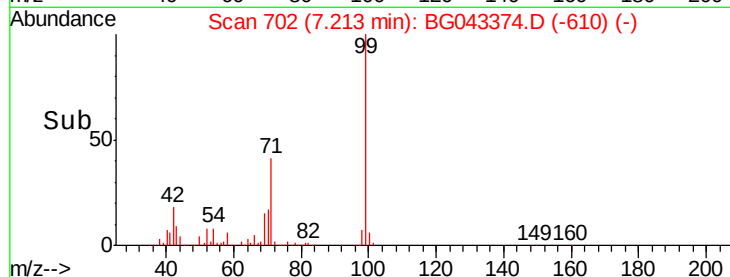
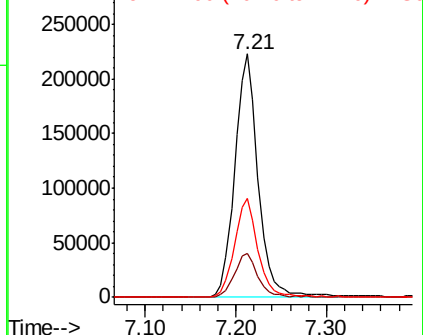
99 100

42 18.1 14.9 22.3

71 40.6 32.2 48.2



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: 2.108 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.07 min

Lab File: BG043374.D

Acq: 29 Oct 2019 15:06

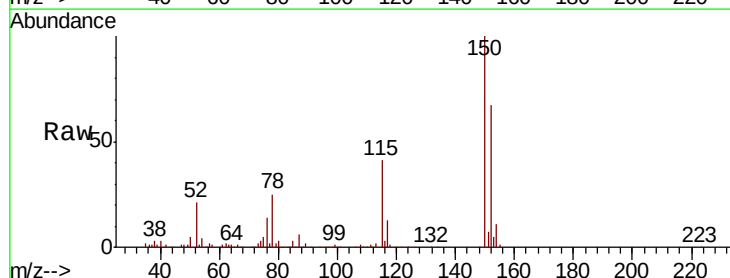
Tgt Ion: 79 Resp: 4452

Ion Ratio Lower Upper

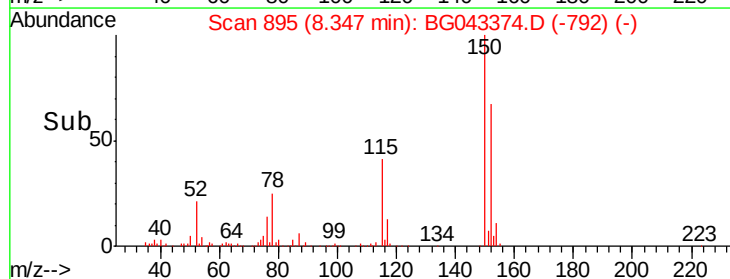
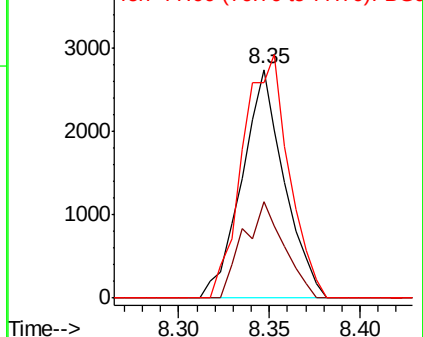
79 100

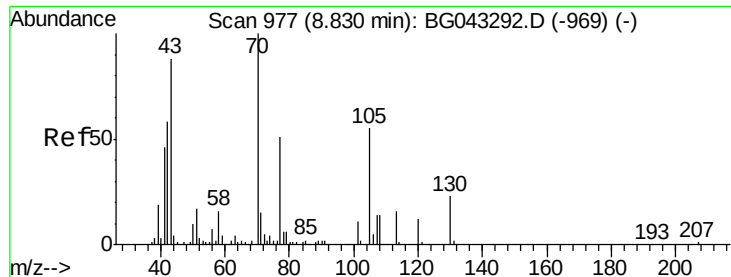
108 42.1 57.3 85.9#

77 94.3 54.6 81.8#



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: 16.754 ng

RT: 9.19 min Scan# 1038

Delta R.T. 0.36 min

Lab File: BG043374.D

Acq: 29 Oct 2019 15:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 32562

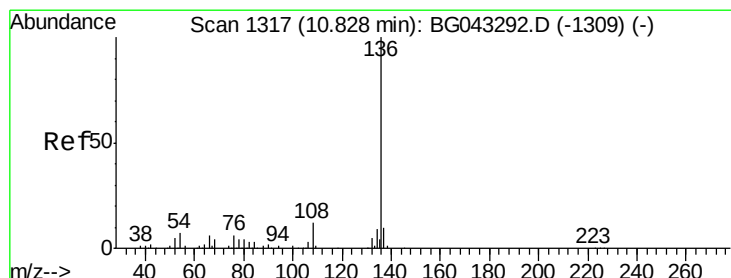
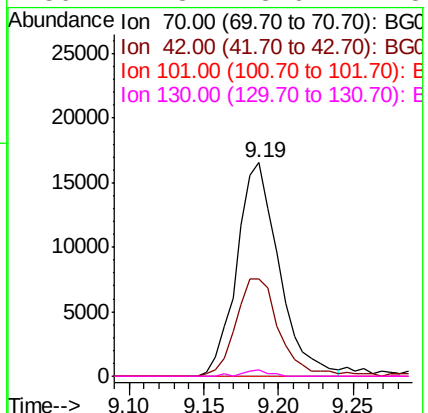
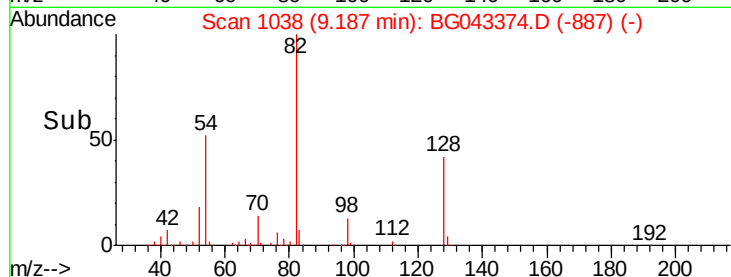
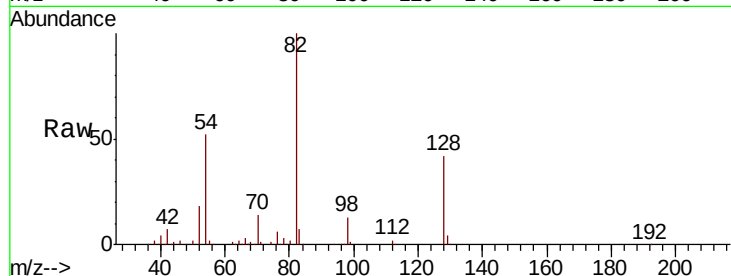
Ion Ratio Lower Upper

70 100

42 45.5 46.2 69.2#

101 0.0 8.6 13.0#

130 2.8 18.6 27.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG043374.D

Acq: 29 Oct 2019 15:06

Tgt Ion: 136 Resp: 135101

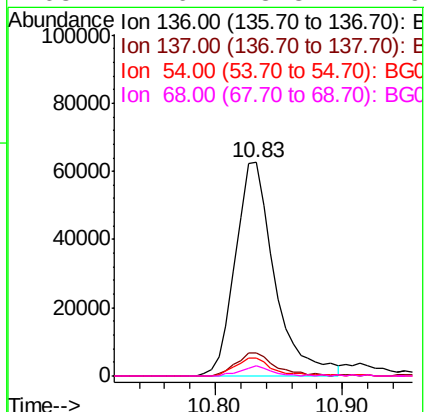
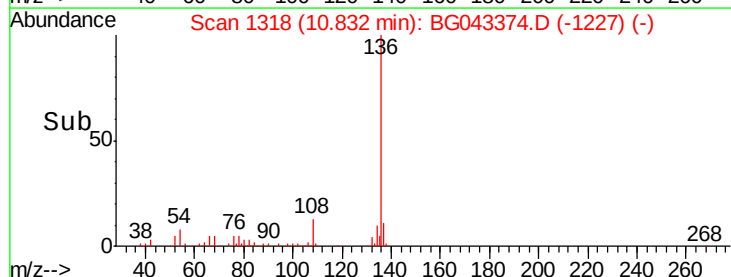
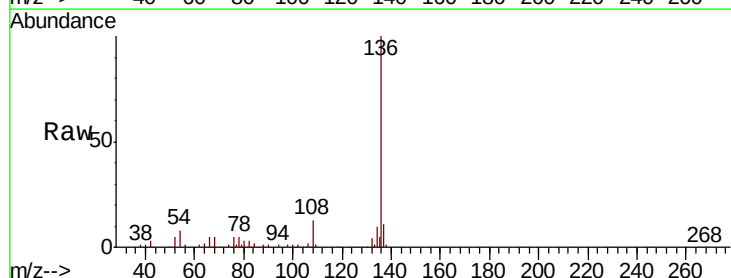
Ion Ratio Lower Upper

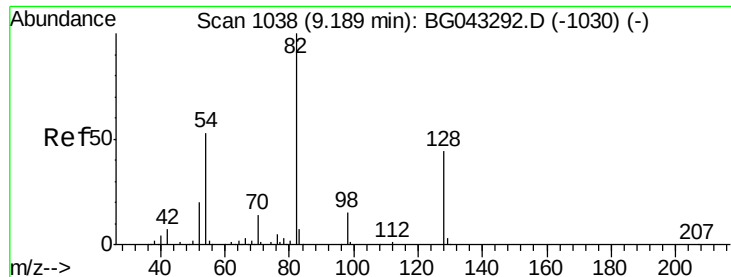
136 100

137 10.8 8.2 12.2

54 8.3 5.4 8.2#

68 4.6 3.3 4.9

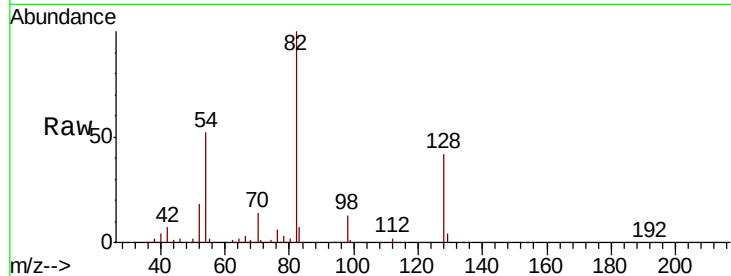




#23
Nitrobenzene-d5
Concen: 91.725 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043374.D
Acq: 29 Oct 2019 15:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	240370
Ion Ratio	Lower	Upper	
82	100		
128	41.6	35.3	52.9
54	51.6	42.3	63.5

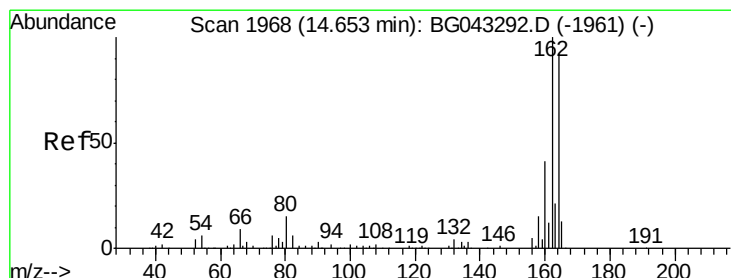
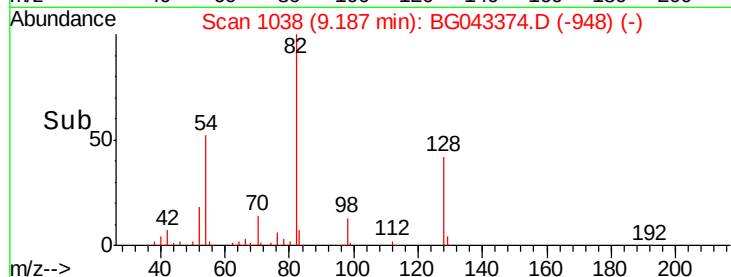
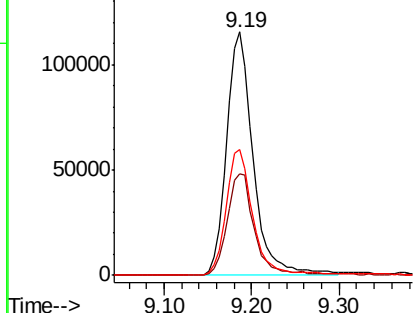


Abundance

Ion 82.00 (81.70 to 82.70): BG043292.D (-1030) (-)

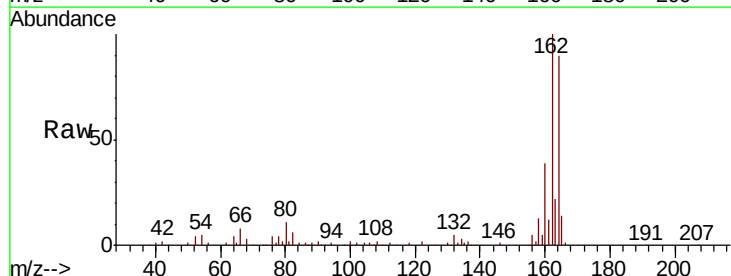
Ion 128.00 (127.70 to 128.70): BG043292.D (-1030) (-)

Ion 54.00 (53.70 to 54.70): BG043292.D (-1030) (-)



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043374.D
Acq: 29 Oct 2019 15:06

Tgt Ion	164	Resp	109985
Ion Ratio	Lower	Upper	
164	100		
162	110.7	87.0	130.4
160	43.6	35.5	53.3

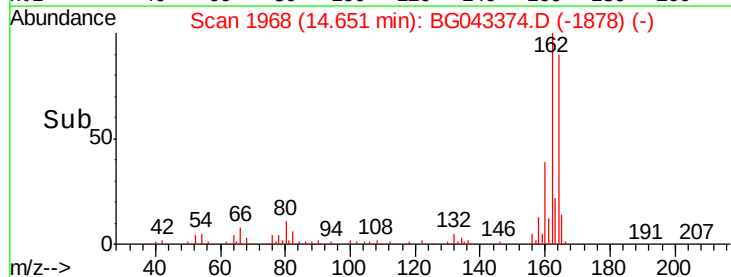
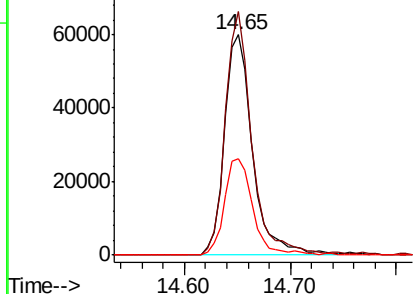


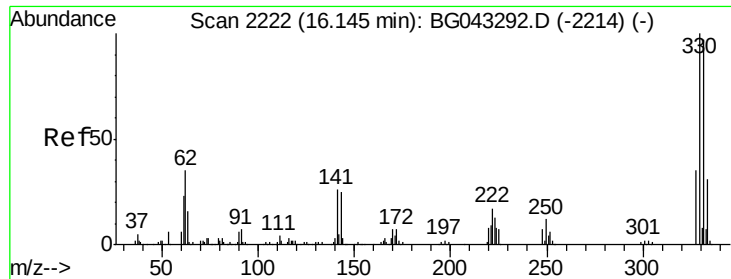
Abundance

Ion 164.00 (163.70 to 164.70): BG043292.D (-1961) (-)

Ion 162.00 (161.70 to 162.70): BG043292.D (-1961) (-)

Ion 160.00 (159.70 to 160.70): BG043292.D (-1961) (-)

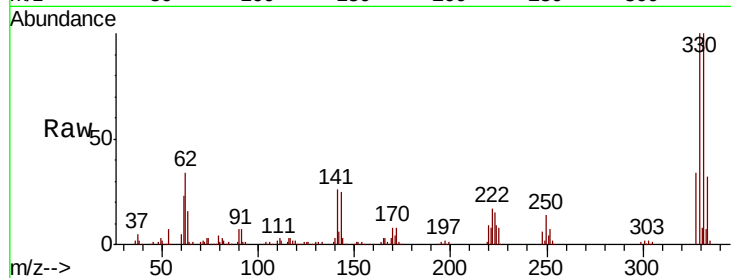




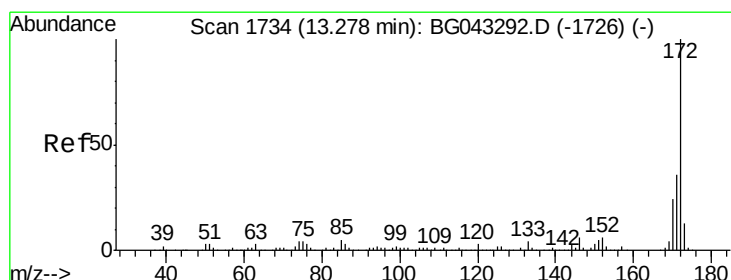
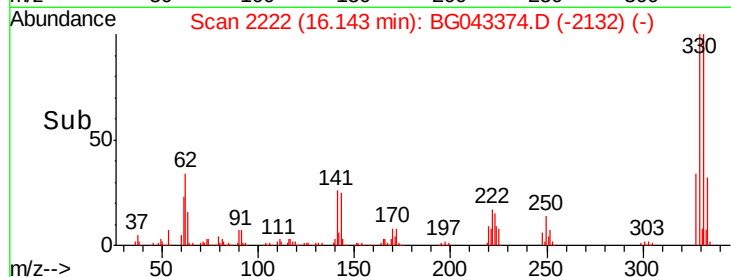
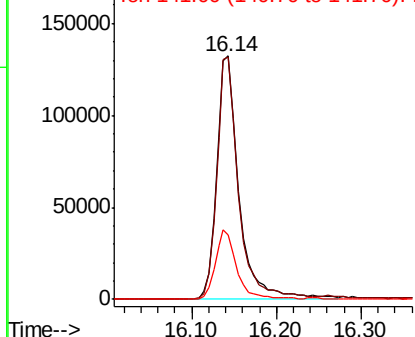
#42
 2,4,6-Tribromophenol
 Concen: 117.182 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG043374.D
 Acq: 29 Oct 2019 15:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.4	114.6
141	27.5	21.4	32.0

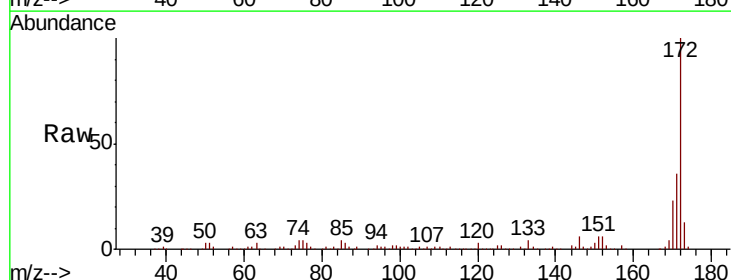


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

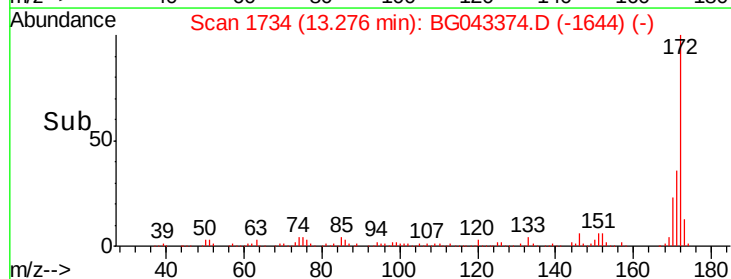
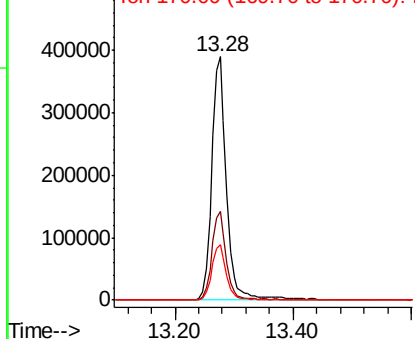


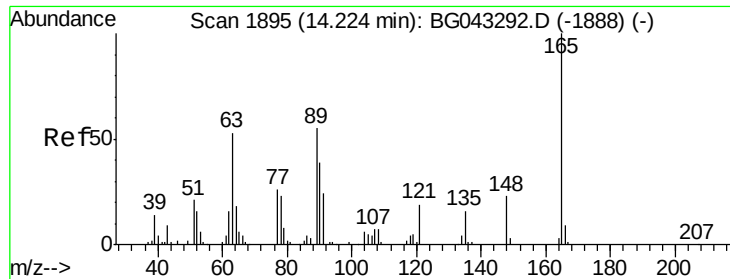
#45
 2-Fluorobiphenyl
 Concen: 85.430 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043374.D
 Acq: 29 Oct 2019 15:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.5	42.7
170	22.7	18.8	28.2



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

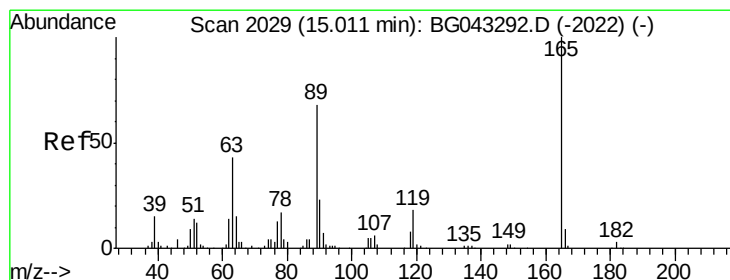
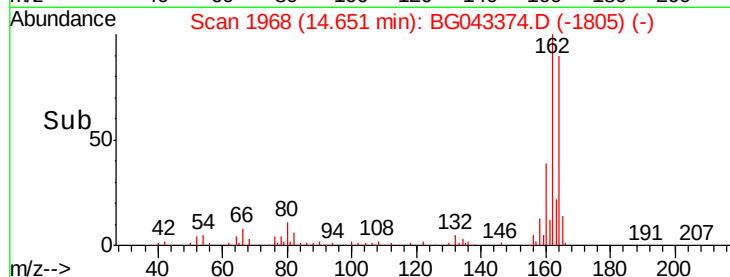
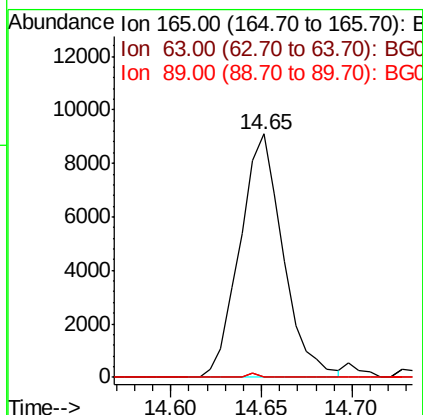
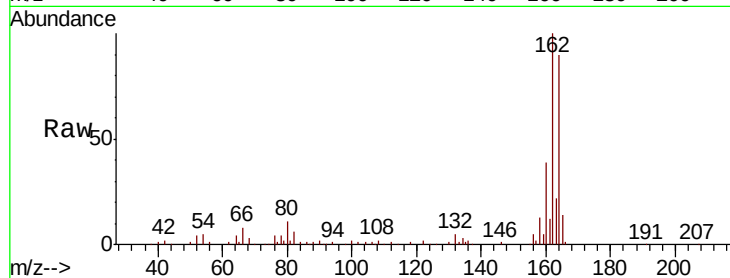




#51
 2,6-Dinitrotoluene
 Concen: 8.115 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.43 min
 Lab File: BG043374.D
 Acq: 29 Oct 2019 15:06

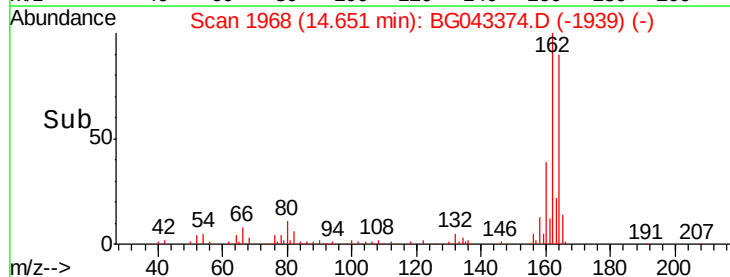
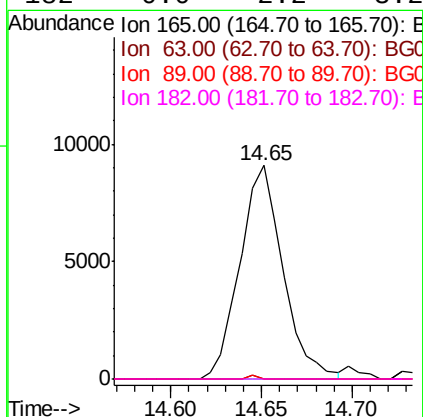
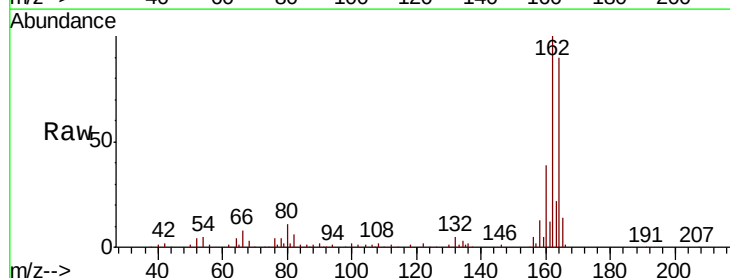
Instrument :
 BNA_G
 ClientSampleId :

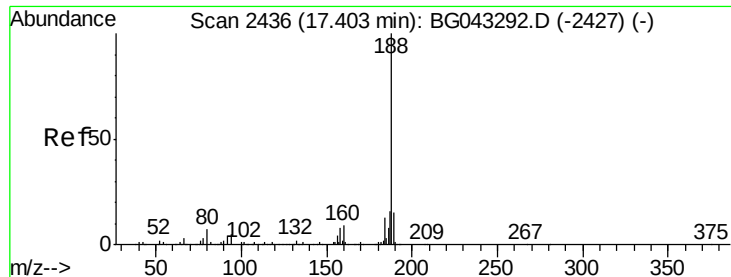
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.1	70.7#
89	0.0	43.7	65.5#



#57
 2,4-Dinitrotoluene
 Concen: 5.678 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.36 min
 Lab File: BG043374.D
 Acq: 29 Oct 2019 15:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.6#
89	0.0	54.1	81.1#
182	0.0	2.2	3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043374.D

Acq: 29 Oct 2019 15:06

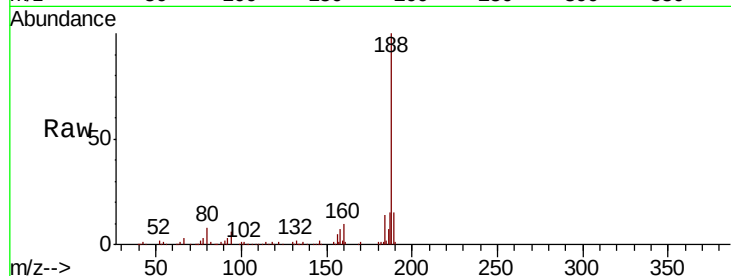
Instrument :

BNA_G

ClientSampleId :

Tot Ion:188 Resp: 249997

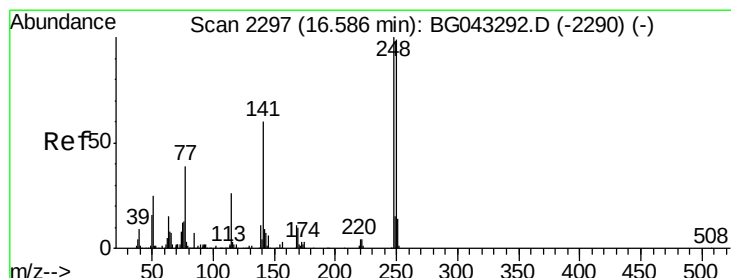
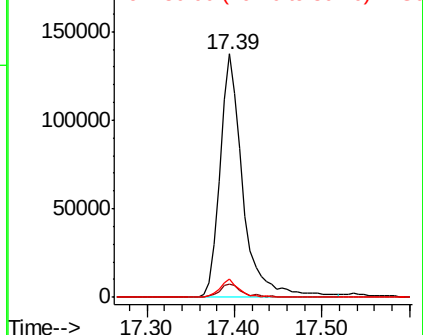
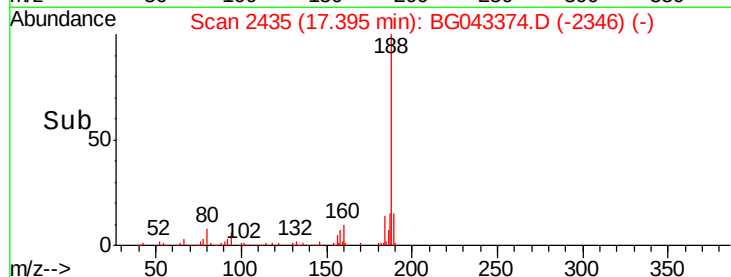
Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.2
80	7.6	5.2	7.8



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: 4.768 ng

RT: 16.14 min Scan# 2221

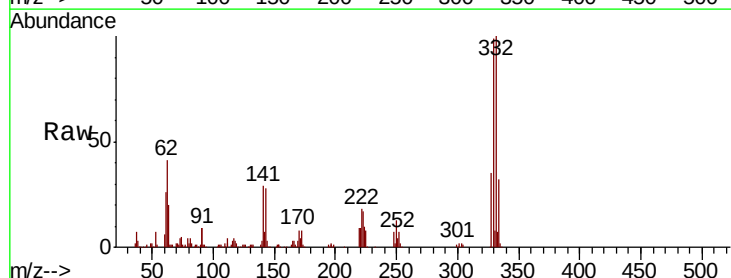
Delta R.T. -0.45 min

Lab File: BG043374.D

Acq: 29 Oct 2019 15:06

Tgt Ion:248 Resp: 16043

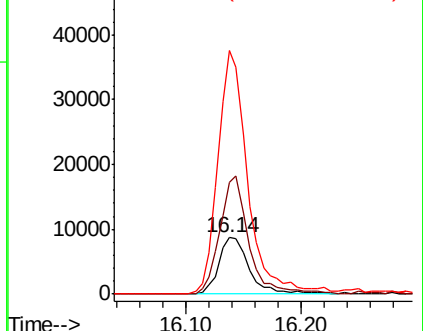
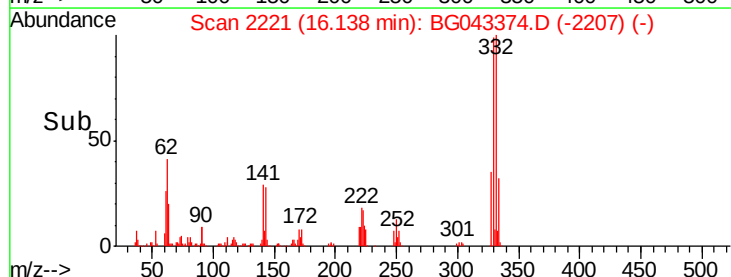
Ion	Ratio	Lower	Upper
248	100		
250	196.9	79.3	118.9#
141	429.7	47.9	71.9#

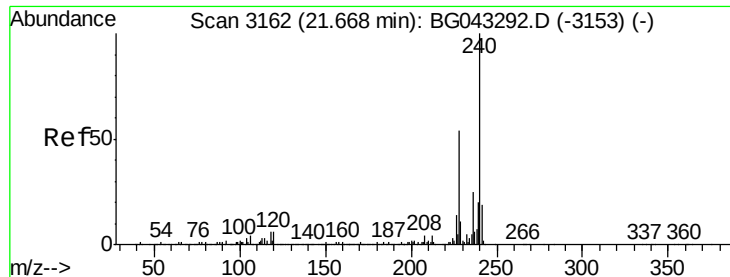


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043374.D

Acq: 29 Oct 2019 15:06

Instrument :

BNA_G

ClientSampleId :

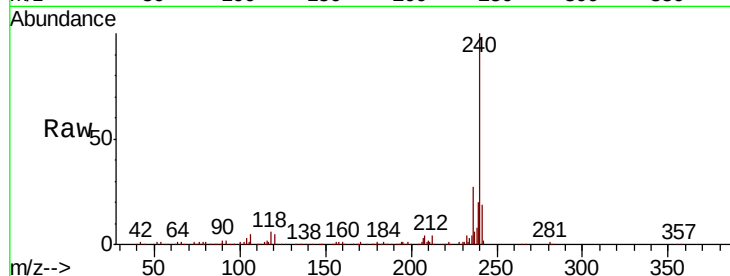
Tot Ion:240 Resp: 275816

Ion Ratio Lower Upper

240 100

120 5.3 4.6 7.0

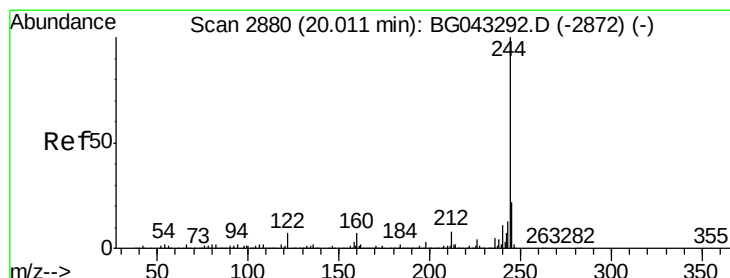
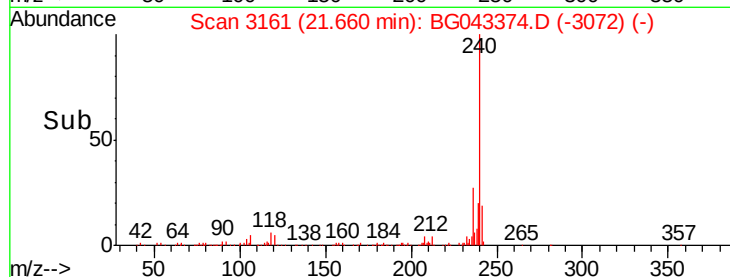
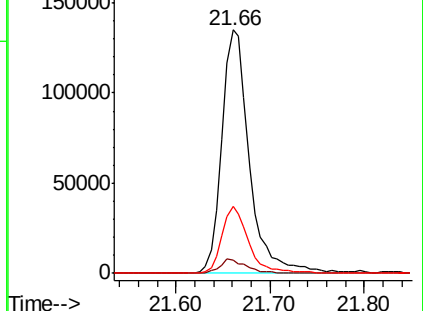
236 27.4 20.2 30.4



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



#79

Terphenyl-d14

Concen: 94.798 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043374.D

Acq: 29 Oct 2019 15:06

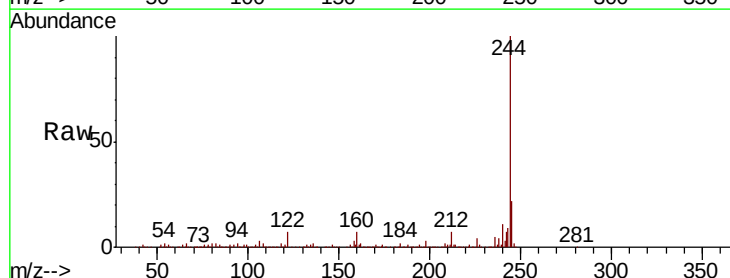
Tgt Ion:244 Resp: 1393713

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

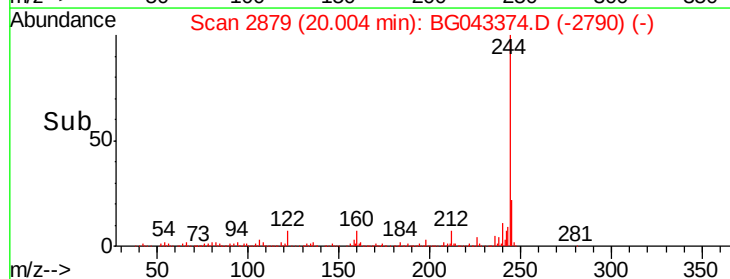
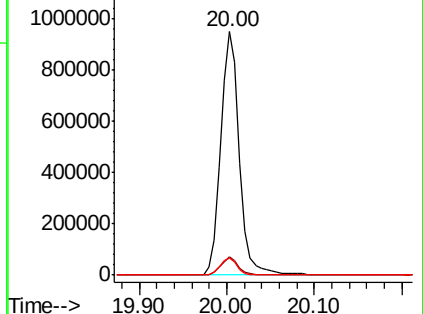
122 7.1 5.3 7.9

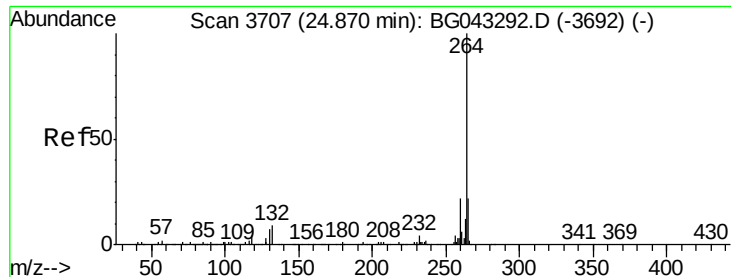


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

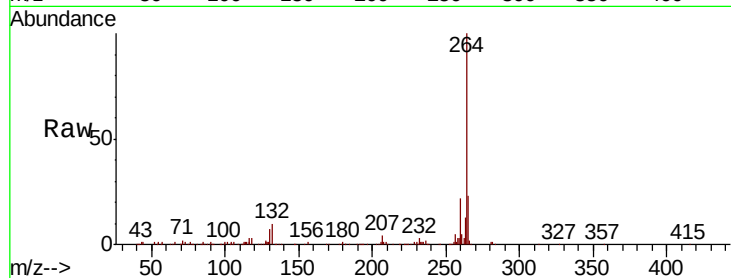




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3705
 Delta R.T. -0.01 min
 Lab File: BG043374.D
 Acq: 29 Oct 2019 15:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.9	26.9
265	22.5	17.4	26.2



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

