

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
 Data File : BG043571.D
 Acq On : 8 Nov 2019 16:06
 Operator : JU
 Sample : PB124640BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124640BL

Quant Time: Nov 11 00:32:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

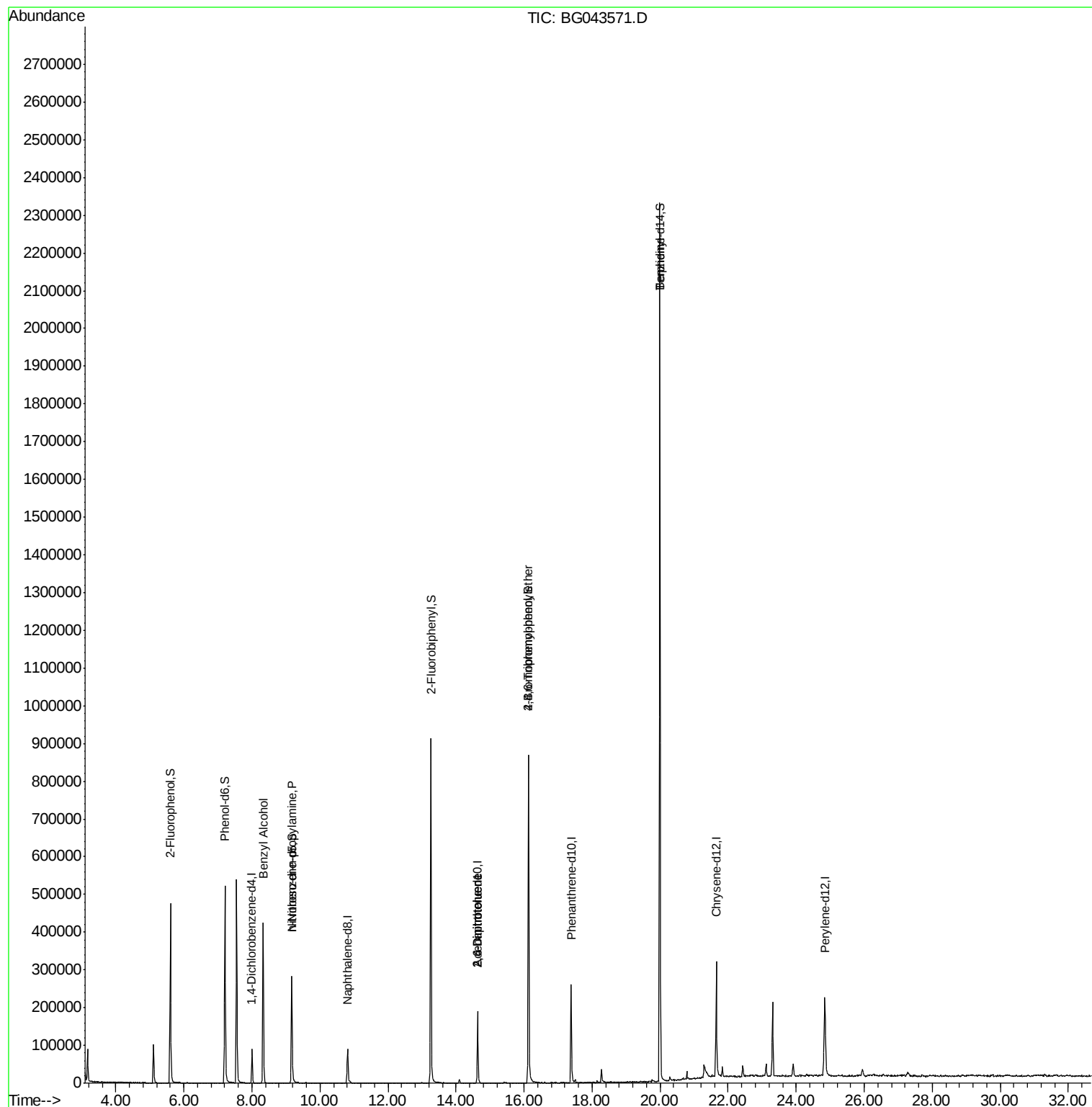
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	26990	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	99863	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	74763	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	197875	20.00	ng	0.00
76) Chrysene-d12	21.65	240	206768	20.00	ng	0.00
87) Perylene-d12	24.84	264	239499	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	231460	157.15	ng	0.01
7) Phenol-d6	7.21	99	326764	154.20	ng	0.01
23) Nitrobenzene-d5	9.17	82	192596	99.43	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	215417	151.41	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	540731	99.94	ng	0.00
79) Terphenyl-d14	19.99	244	1208877	109.68	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.33	79	3696	2.483	ng	# 55
19) n-Nitroso-di-n-propylamine	9.17	70	26934	19.669	ng	# 77
51) 2,6-Dinitrotoluene	14.63	165	9793	7.784	ng	# 22
57) 2,4-Dinitrotoluene	14.63	165	9793	5.447	ng	# 25
67) 4-Bromophenyl-phenylether	16.13	248	14102	5.296	ng	# 1
77) Benzidine	19.99	184	17001	4.086	ng	# 84

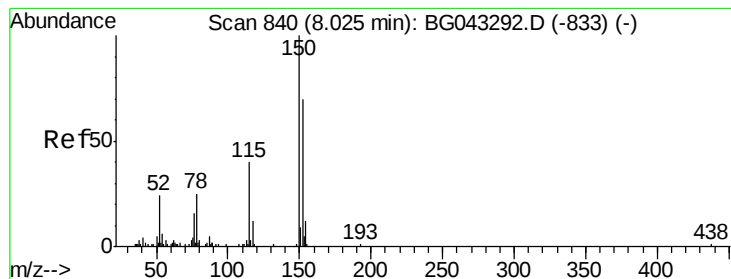
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



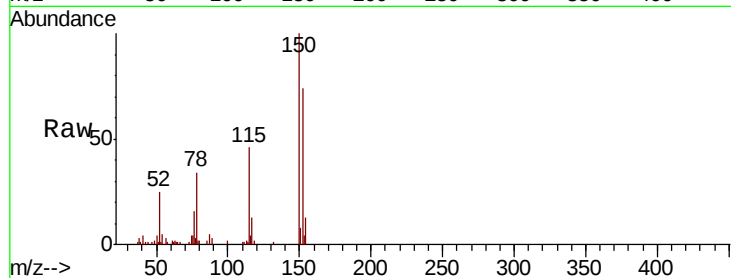


#1

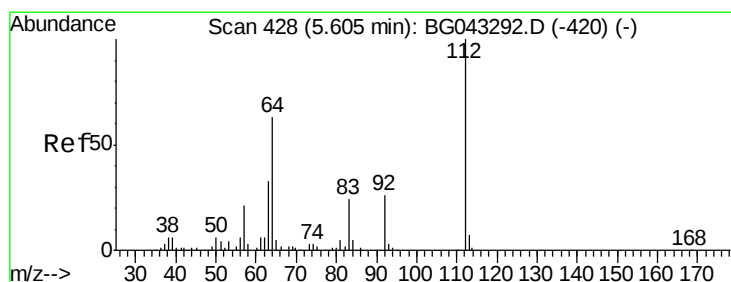
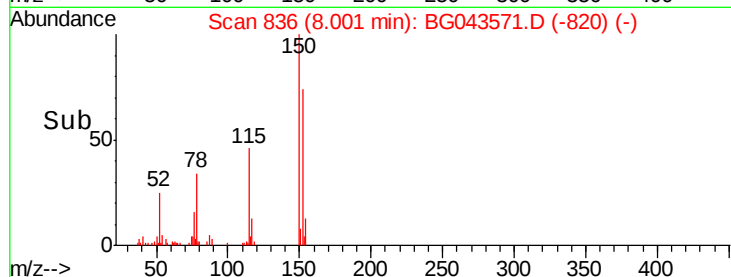
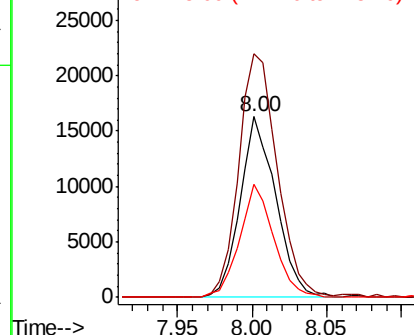
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043571.D
Acq: 8 Nov 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124640BL

Tot Ion:152 Resp: 26990
Ion Ratio Lower Upper
152 100
150 134.7 129.4 194.0
115 62.2 48.8 73.2



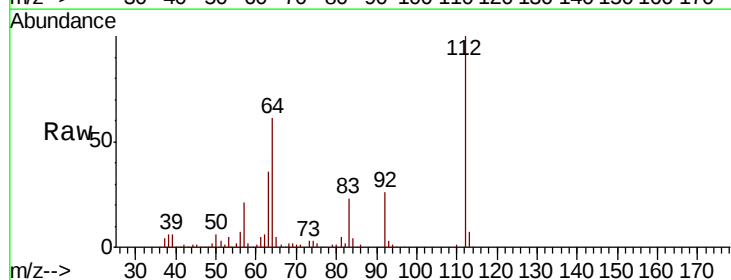
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



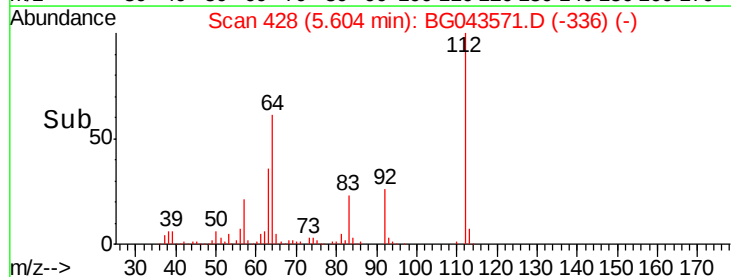
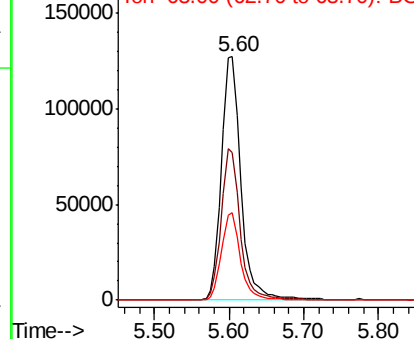
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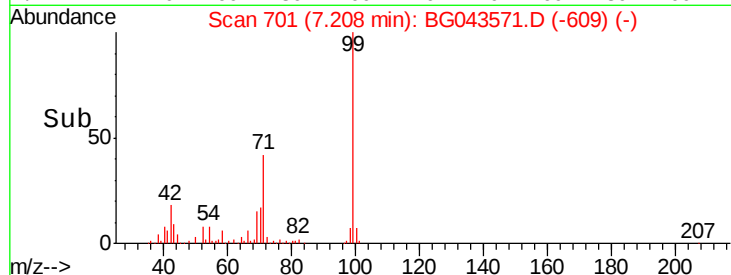
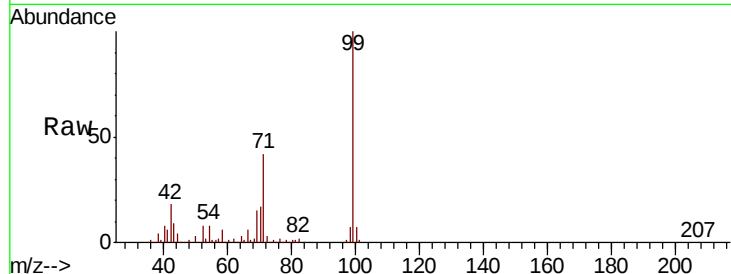
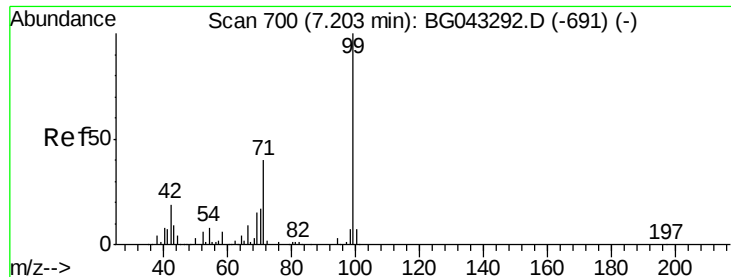
2-Fluorophenol
Concen: 157.146 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043571.D
Acq: 8 Nov 2019 16:06

Tgt Ion:112 Resp: 231460
Ion Ratio Lower Upper
112 100
64 60.8 50.0 75.0
63 36.0 26.6 40.0



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

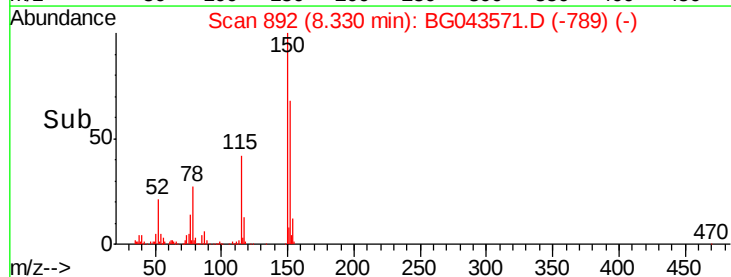
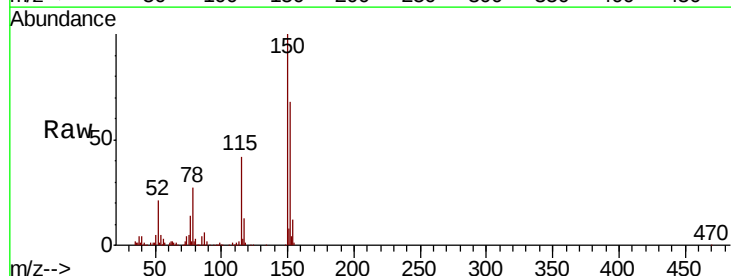
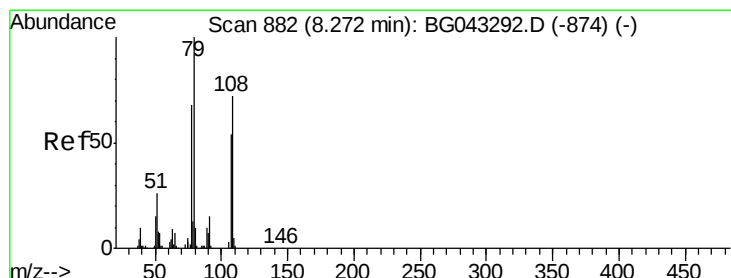
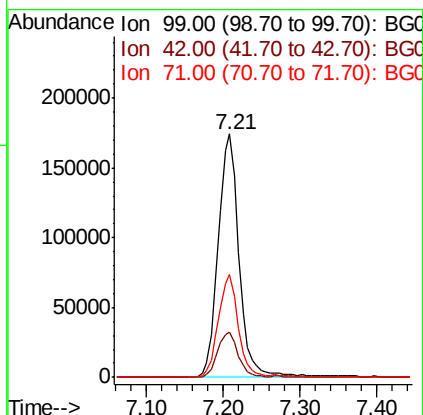




#7
Phenol-d6
Concen: 154.196 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.01 min
Lab File: BG043571.D
Acq: 8 Nov 2019 16:06

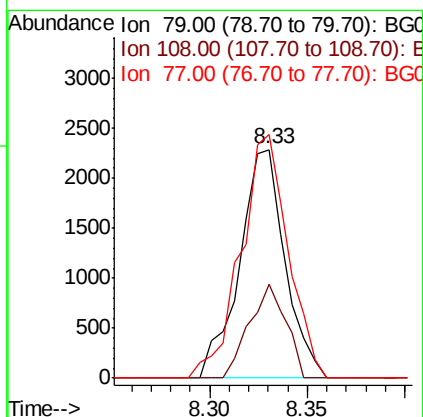
Instrument :
BNA_G
ClientSampleId :
PB124640BL

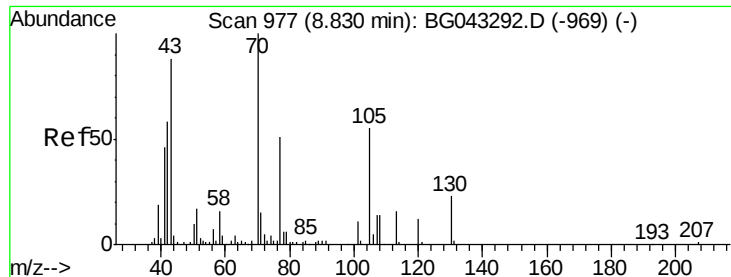
Tot Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.6	21.8
71	42.1	32.5	48.7



#15
Benzyl Alcohol
Concen: 2.483 ng
RT: 8.33 min Scan# 892
Delta R.T. 0.08 min
Lab File: BG043571.D
Acq: 8 Nov 2019 16:06

Tgt Ion	Ratio	Lower	Upper
79	100		
108	40.9	53.6	80.4#
77	106.6	49.6	74.4#





#19

n-Nitroso-di-n-propylamine

Concen: 19.669 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.36 min

Lab File: BG043571.D

Acq: 8 Nov 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124640BL

Tot Ion: 70 Resp: 26934

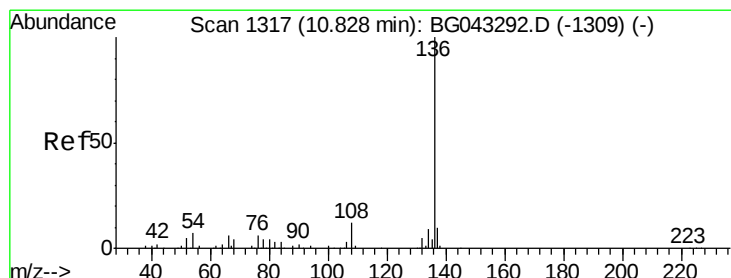
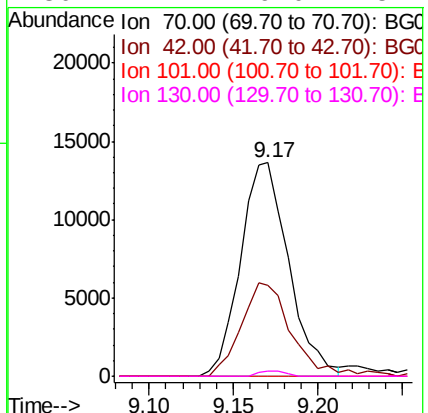
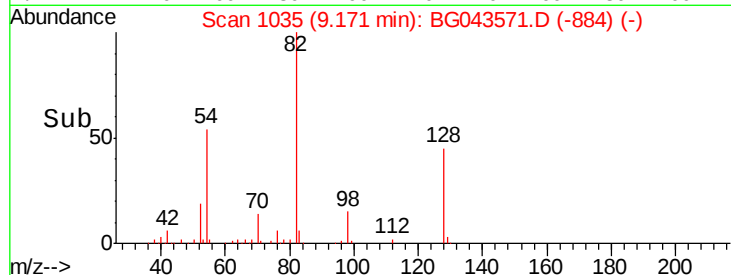
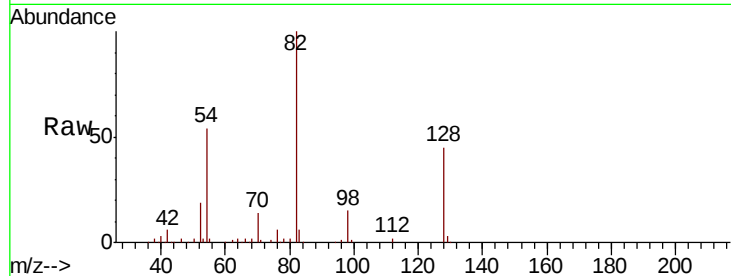
Ion Ratio Lower Upper

70 100

42 42.4 41.4 62.2

101 0.0 7.9 11.9#

130 2.2 19.0 28.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BG043571.D

Acq: 8 Nov 2019 16:06

Tgt Ion: 136 Resp: 99863

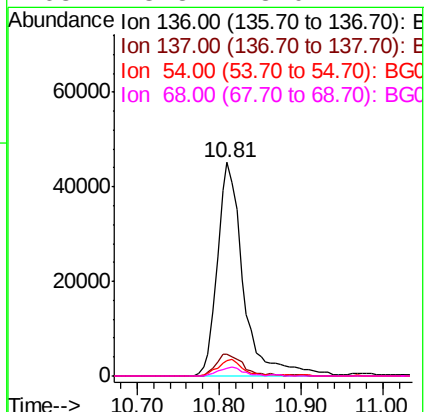
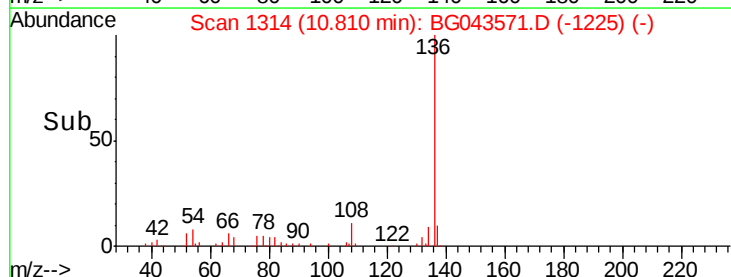
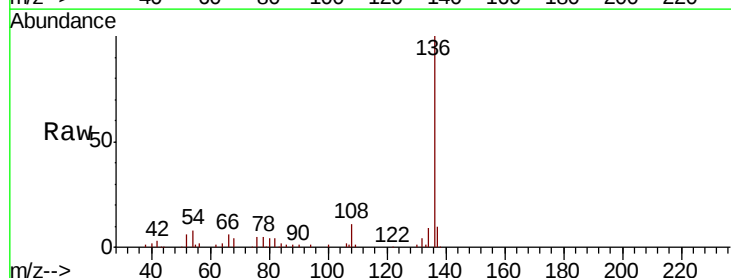
Ion Ratio Lower Upper

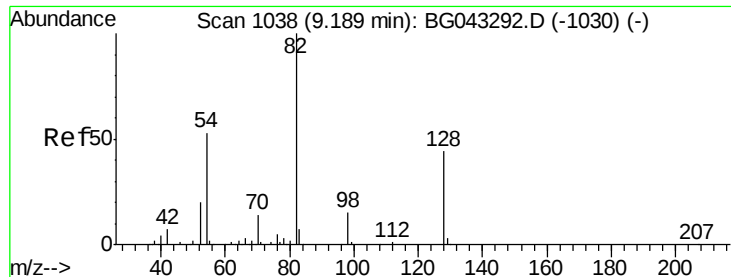
136 100

137 10.3 8.7 13.1

54 7.5 5.4 8.2

68 3.8 3.0 4.4

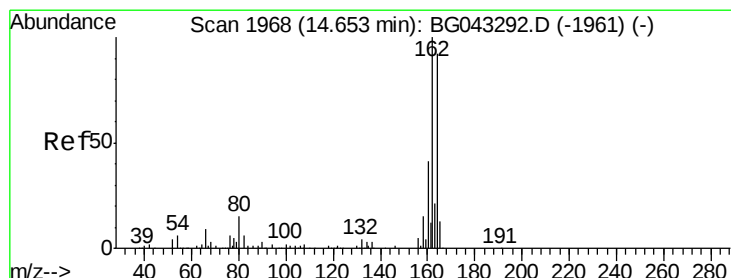
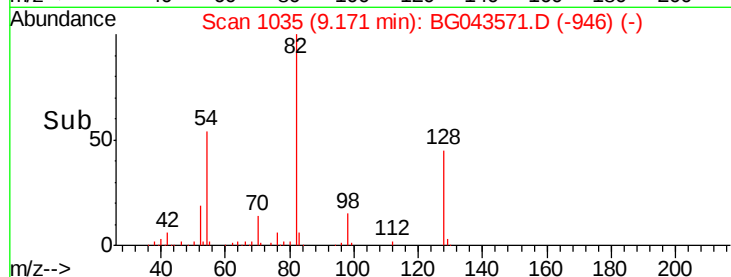
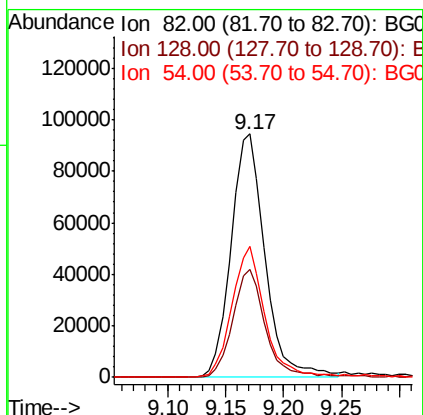
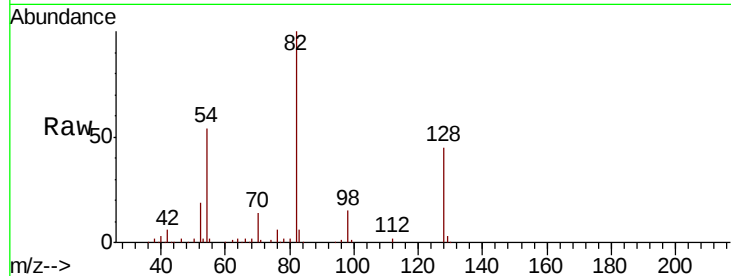




#23
 Nitrobenzene-d5
 Concen: 99.428 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043571.D
 Acq: 8 Nov 2019 16:06

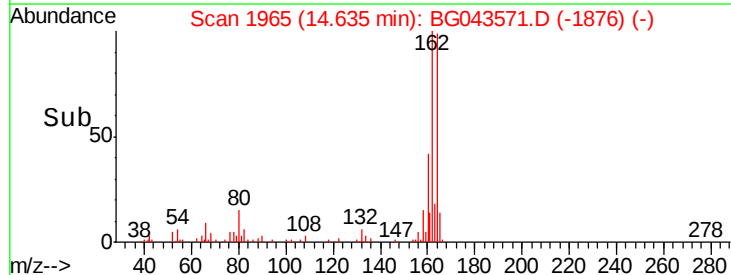
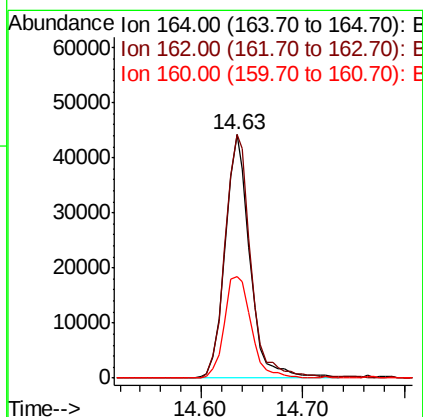
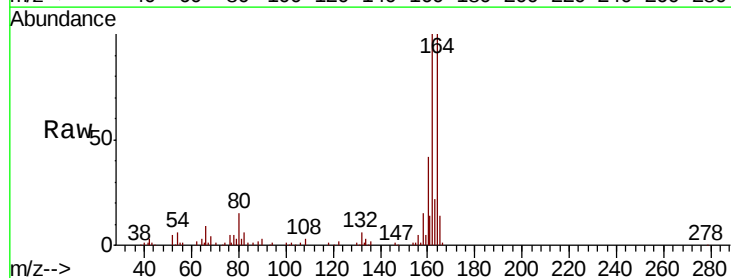
Instrument :
 BNA_G
 ClientSampleId :
 PB124640BL

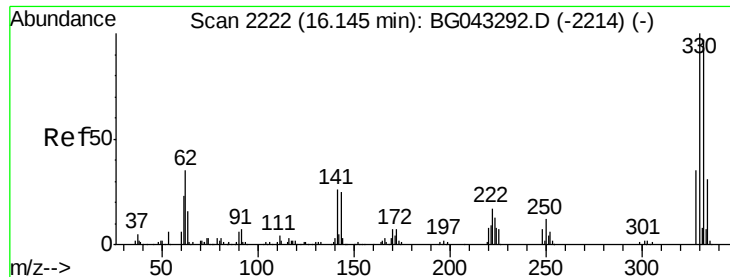
Tot Ion	82	Resp	192596
Ion Ratio	Lower	Upper	
82	100		
128	44.5	35.0	52.6
54	53.8	40.2	60.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.01 min
 Lab File: BG043571.D
 Acq: 8 Nov 2019 16:06

Tgt Ion	164	Resp	74763
Ion Ratio	Lower	Upper	
164	100		
162	100.1	83.5	125.3
160	41.9	36.5	54.7

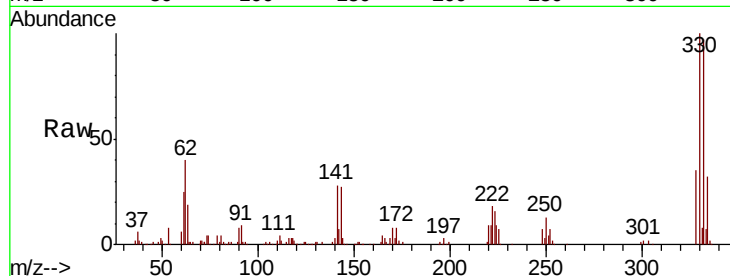




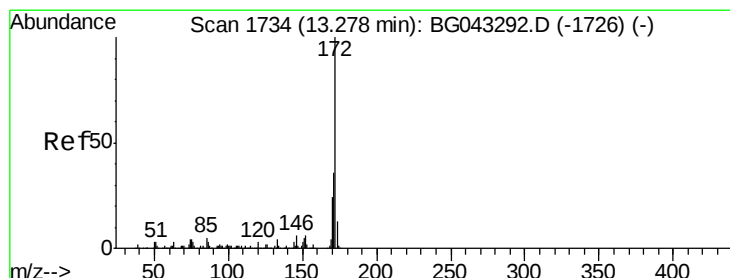
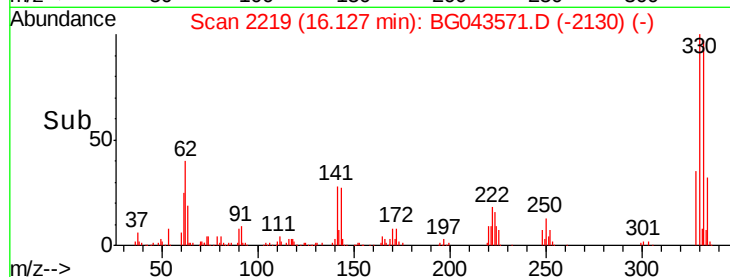
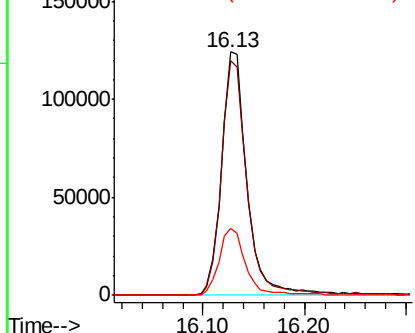
#42
 2,4,6-Tribromophenol
 Concen: 151.410 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG043571.D
 Acq: 8 Nov 2019 16:06

Instrument :
 BNA_G
 ClientSampleId :
 PB124640BL

Tot Ion:330 Resp: 215417
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.0
 141 29.0 22.8 34.2

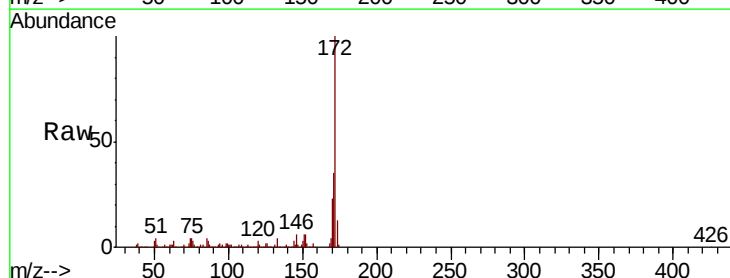


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

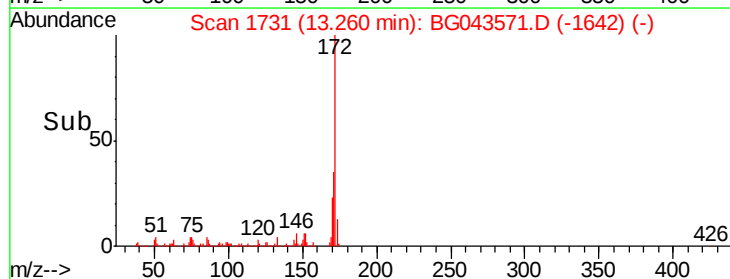
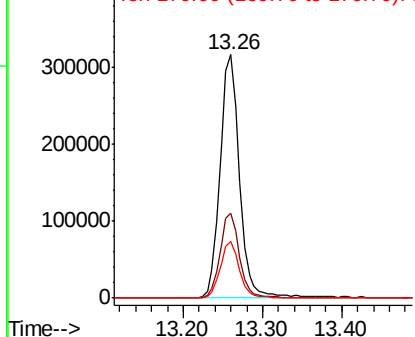


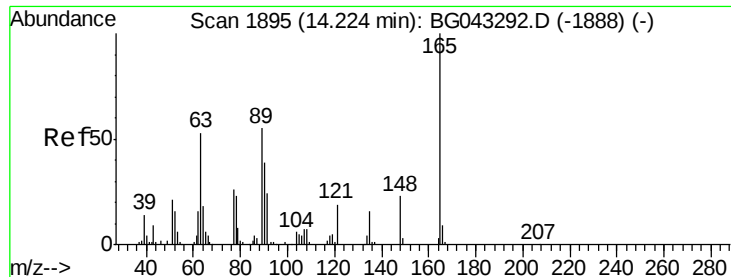
#45
 2-Fluorobiphenyl
 Concen: 99.940 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043571.D
 Acq: 8 Nov 2019 16:06

Tgt Ion:172 Resp: 540731
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.9 43.3
 170 23.3 18.5 27.7



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

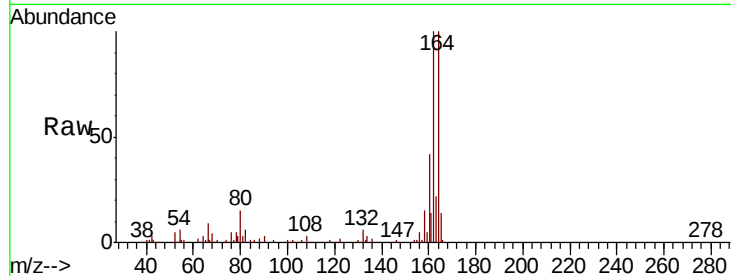




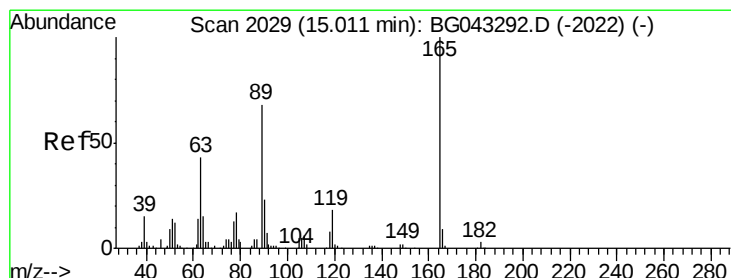
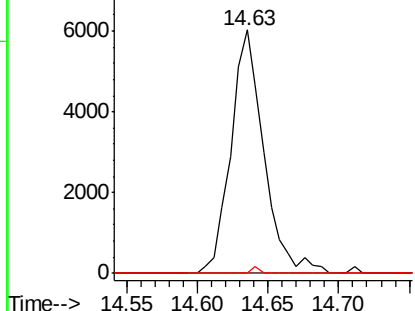
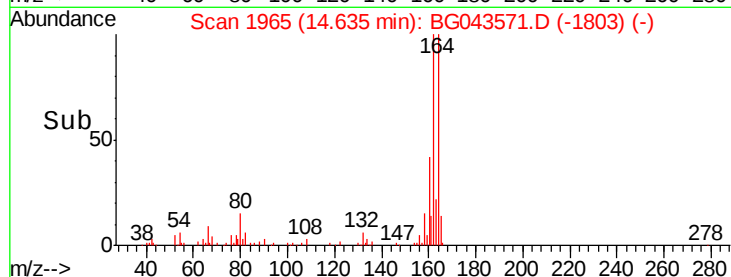
#51
 2,6-Dinitrotoluene
 Concen: 7.784 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. 0.42 min
 Lab File: BG043571.D
 Acq: 8 Nov 2019 16:06

Instrument :
 BNA_G
 ClientSampleId :
 PB124640BL

Tot Ion:165 Resp: 9793
 Ion Ratio Lower Upper
 165 100
 63 0.0 46.6 69.8#
 89 0.0 45.1 67.7#

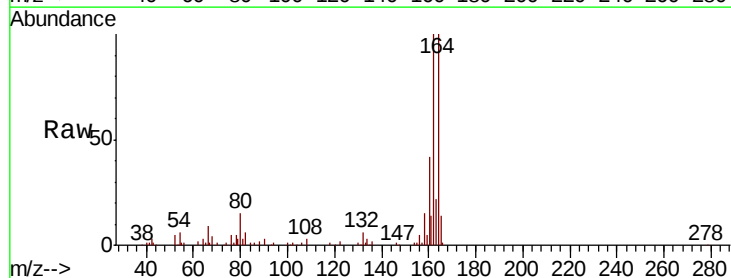


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

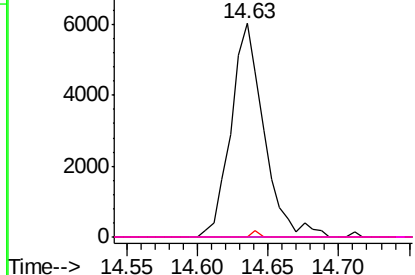
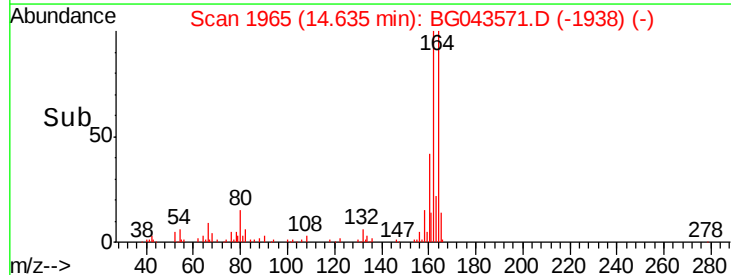


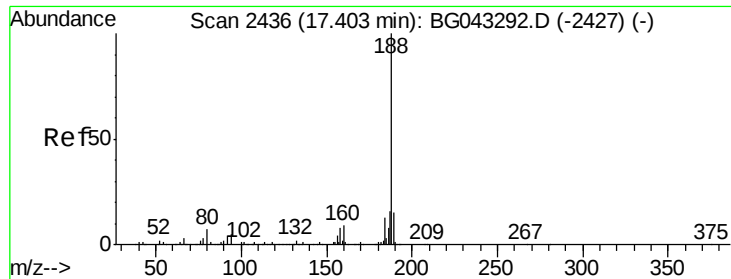
#57
 2,4-Dinitrotoluene
 Concen: 5.447 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.37 min
 Lab File: BG043571.D
 Acq: 8 Nov 2019 16:06

Tgt Ion:165 Resp: 9793
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.2 49.8#
 89 0.0 52.2 78.4#
 182 0.0 2.0 3.0#



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: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043571.D

Acq: 8 Nov 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124640BL

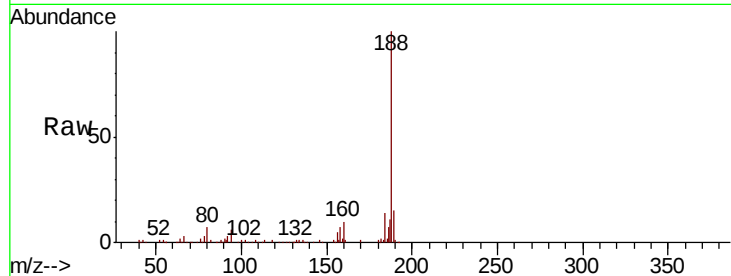
Tot Ion:188 Resp: 197875

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.4

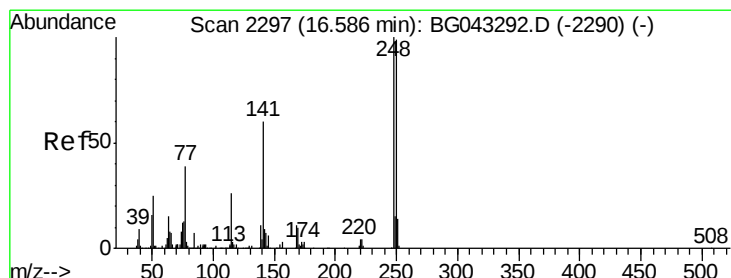
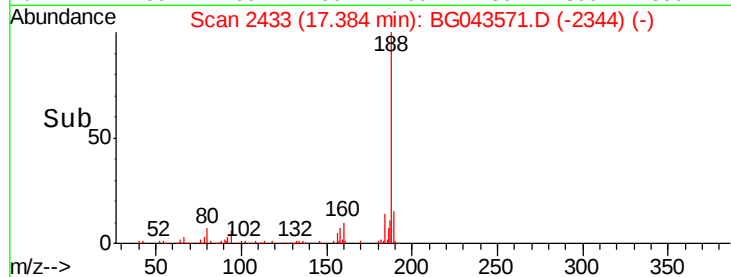
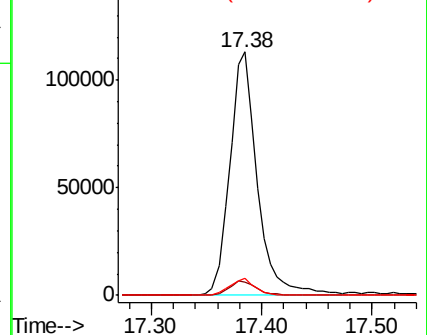
80 6.8 4.5 6.7#



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: 5.296 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.45 min

Lab File: BG043571.D

Acq: 8 Nov 2019 16:06

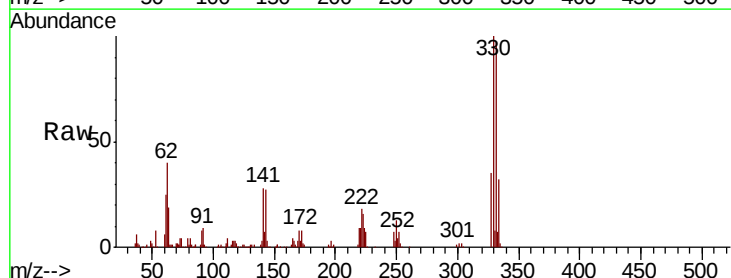
Tgt Ion:248 Resp: 14102

Ion Ratio Lower Upper

248 100

250 182.6 77.0 115.4#

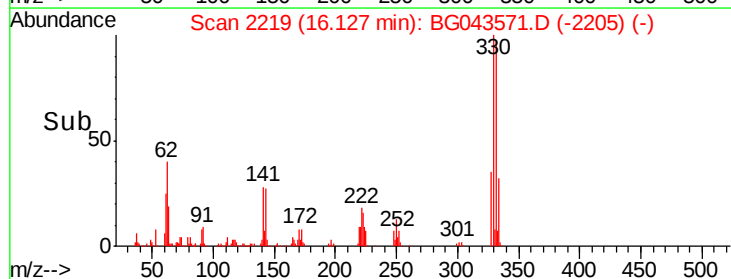
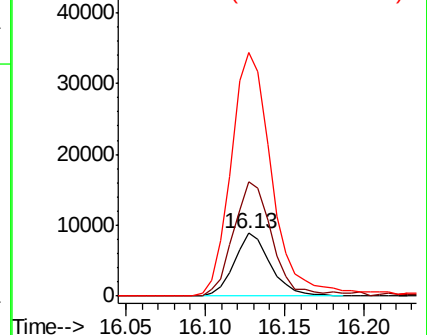
141 389.5 47.5 71.3#

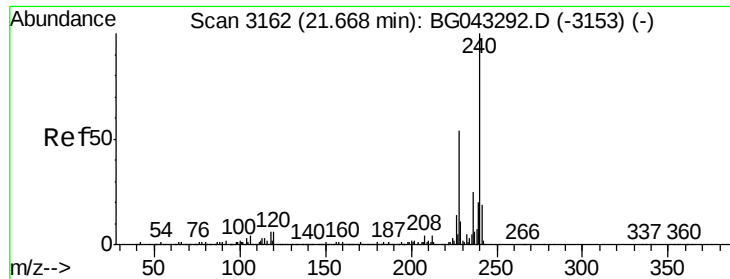


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

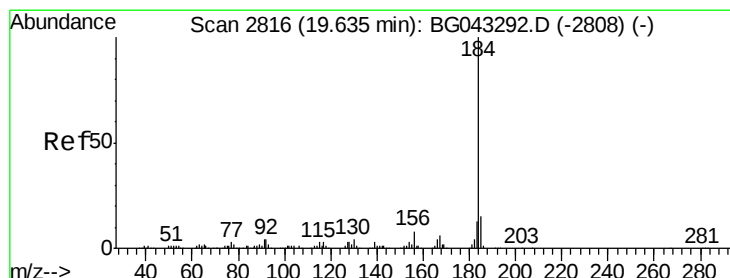
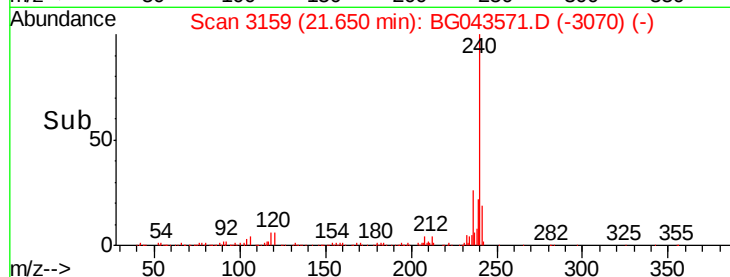
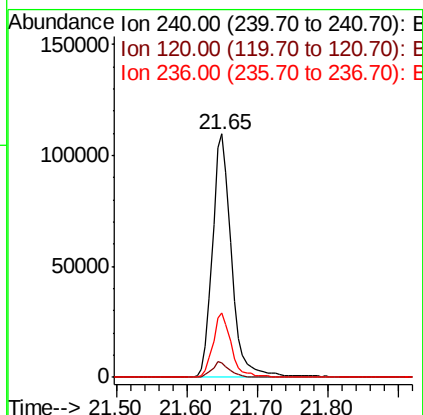
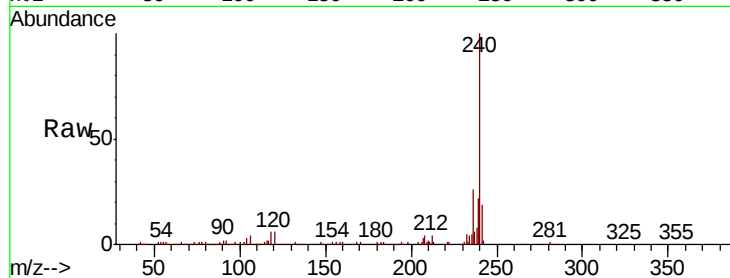




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BG043571.D
 Acq: 8 Nov 2019 16:06

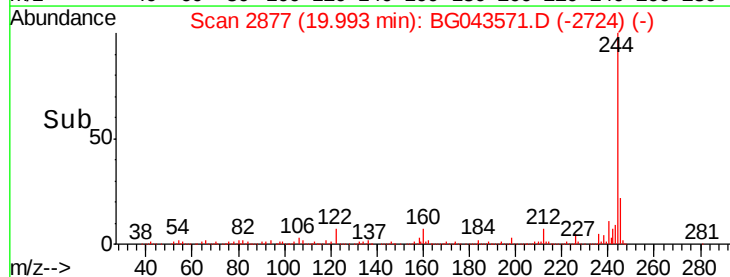
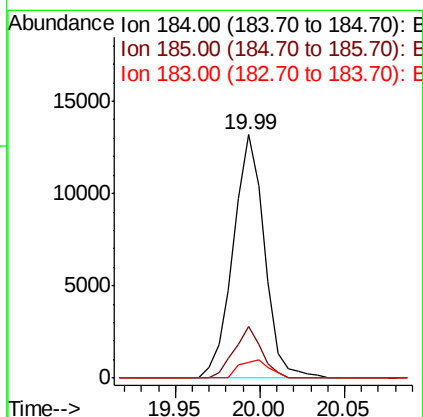
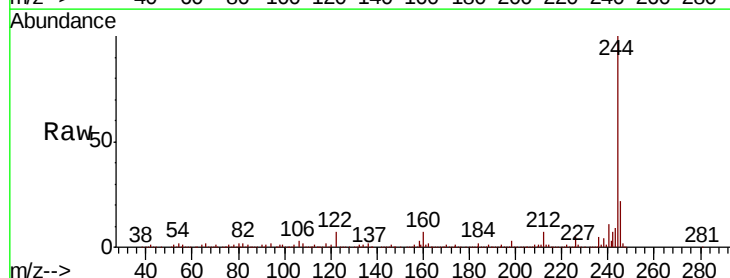
Instrument :
 BNA_G
 ClientSampleId :
 PB124640BL

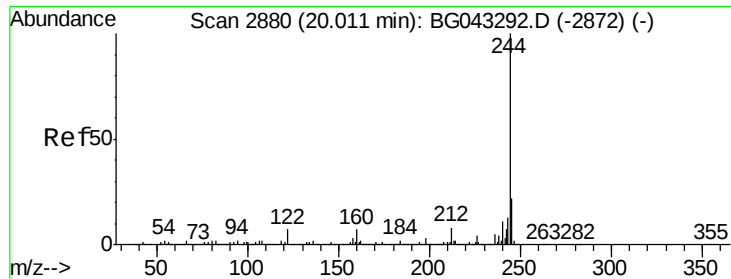
Tot Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.6	6.8
236	26.2	19.8	29.8



#77
 Benzidine
 Concen: 4.086 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. 0.37 min
 Lab File: BG043571.D
 Acq: 8 Nov 2019 16:06

Tgt Ion	Ratio	Lower	Upper
184	100		
185	21.0	11.0	16.4#
183	6.7	10.0	15.0#





#79

Terphenyl-d14

Concen: 109.684 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043571.D

Acq: 8 Nov 2019 16:06

Instrument :

BNA_G

ClientSampleId :

PB124640BL

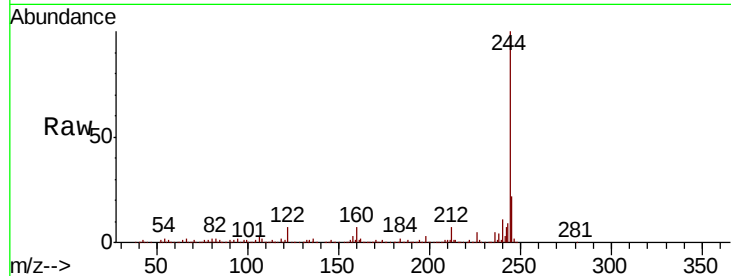
Tot Ion:244 Resp: 1208877

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	6.8	5.4	8.2

244 100

212 7.4 5.8 8.6

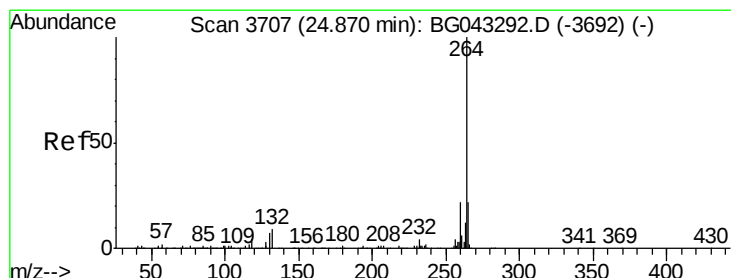
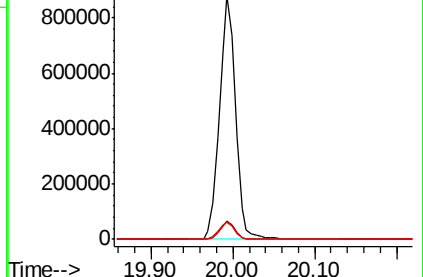
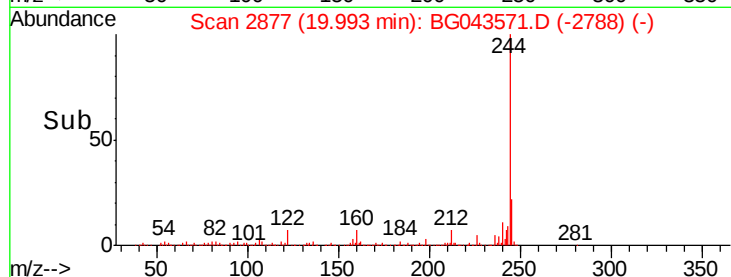
122 6.8 5.4 8.2



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

Perylene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG043571.D

Acq: 8 Nov 2019 16:06

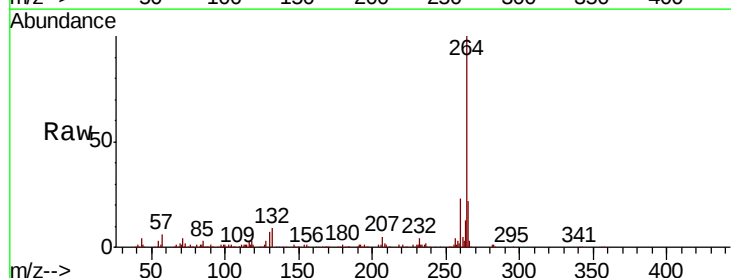
Tgt Ion:264 Resp: 239499

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.5	26.3
265	21.7	17.4	26.0

264 100

260 22.6 17.5 26.3

265 21.7 17.4 26.0



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

