

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042847.D
 Acq On : 16 Sep 2019 13:24
 Operator : HP/JU
 Sample : PB123110BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 17 01:19:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

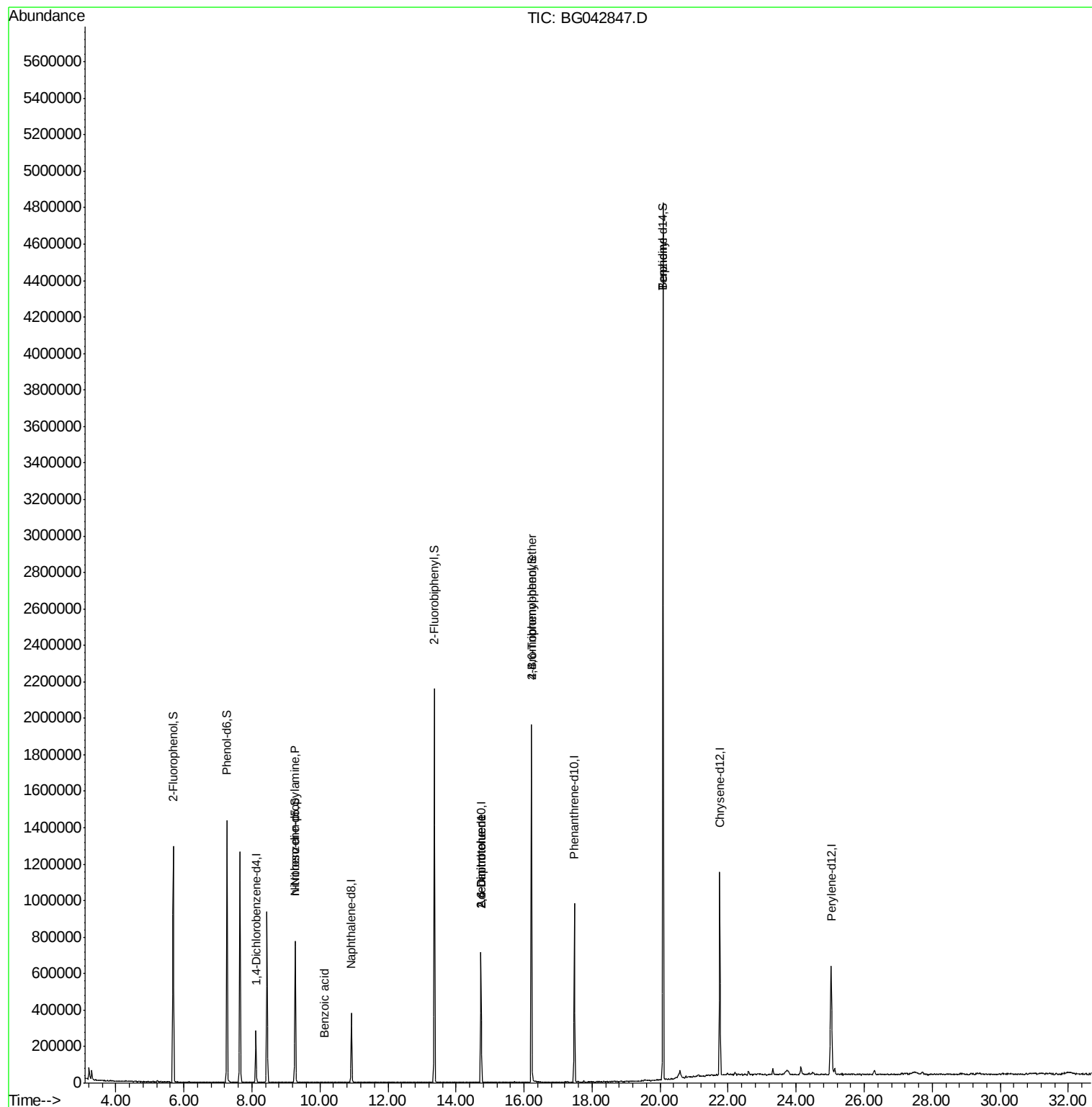
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	81889	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	327666	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	240919	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	629790	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	660178	20.00	ng	0.00
87) Perylene-d12	25.03	264	709064	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	534299	113.43	ng	0.00
7) Phenol-d6	7.27	99	809204	119.69	ng	0.00
23) Nitrobenzene-d5	9.27	82	486101	77.24	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	385747	120.35	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1165714	76.59	ng	-0.01
79) Terphenyl-d14	20.08	244	2265374	76.05	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	66716	13.392	ng	# 69
32) Benzoic acid	10.13	122	53	5.977	ng	# 1
51) 2,6-Dinitrotoluene	14.74	165	34202	9.236	ng	# 20
57) 2,4-Dinitrotoluene	14.74	165	34202	6.929	ng	# 24
67) 4-Bromophenyl-phenylether	16.22	248	25798	3.384	ng	# 1
77) Benzidine	20.08	184	39538	2.144	ng	# 92

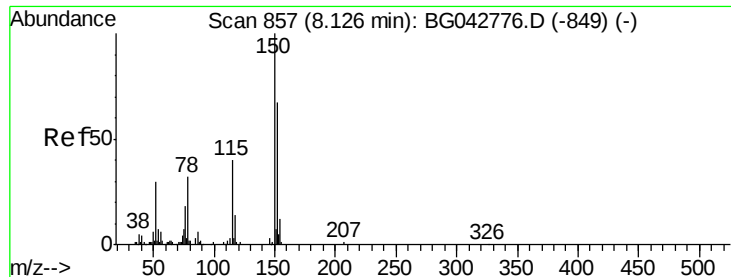
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
Data File : BG042847.D
Acq On : 16 Sep 2019 13:24
Operator : HP/JU
Sample : PB123110BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 17 01:19:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration



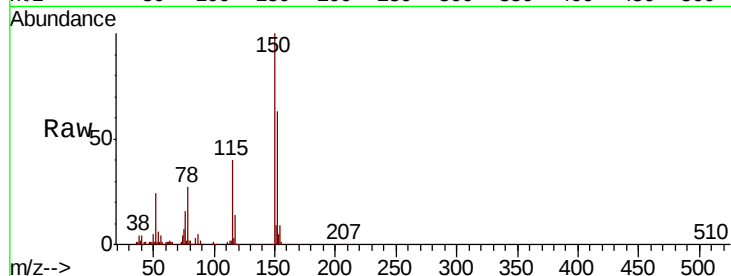


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042847.D
Acq: 16 Sep 2019 13:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	152	Resp	81889
Ion Ratio	Lower	Upper	
152	100		
150	158.6	118.9	178.3
115	63.2	47.4	71.2

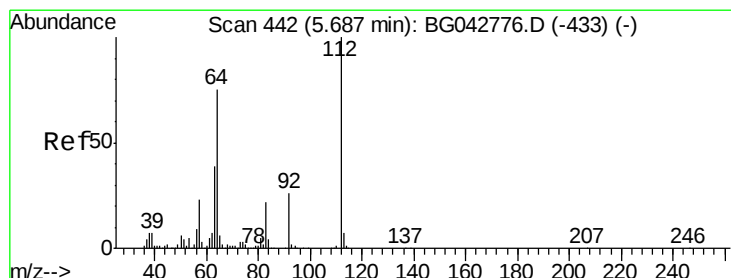
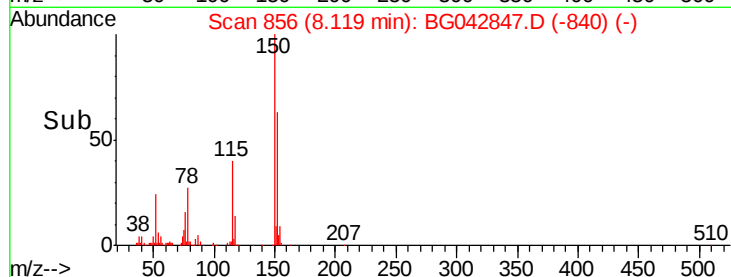
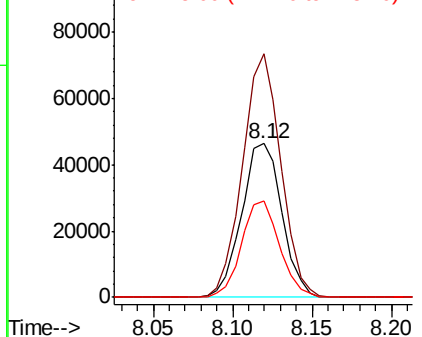


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

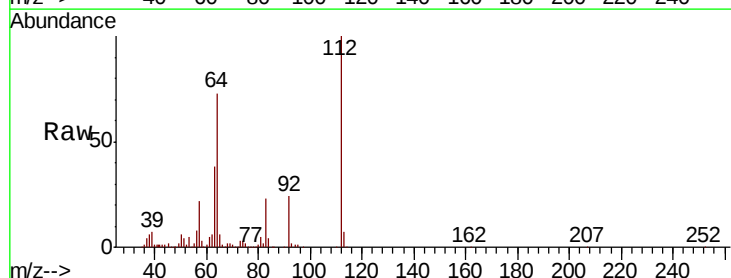
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 113.435 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042847.D
Acq: 16 Sep 2019 13:24

Tgt Ion	112	Resp	534299
Ion Ratio	Lower	Upper	
112	100		
64	72.7	60.2	90.2
63	37.7	31.2	46.8

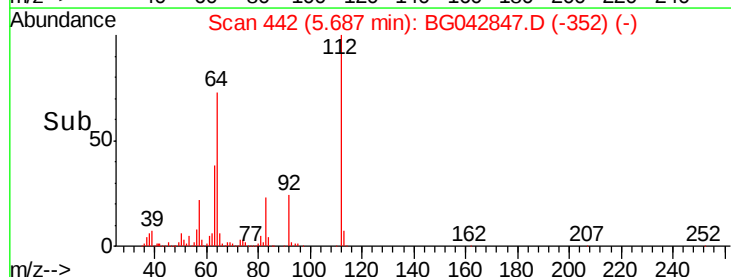
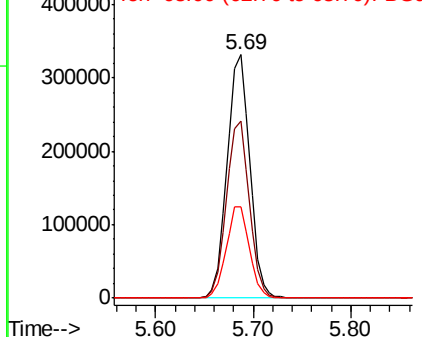


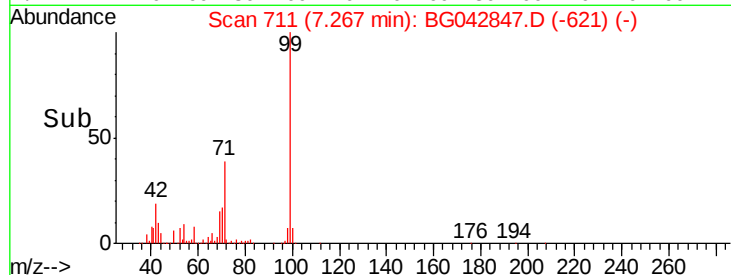
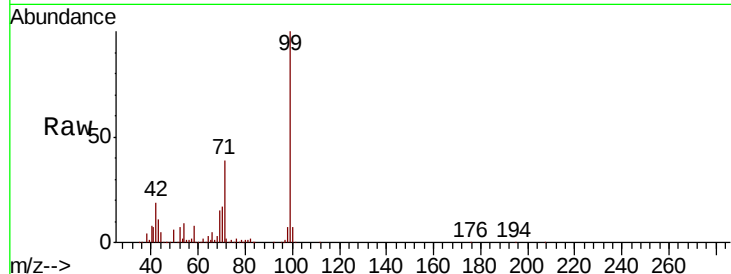
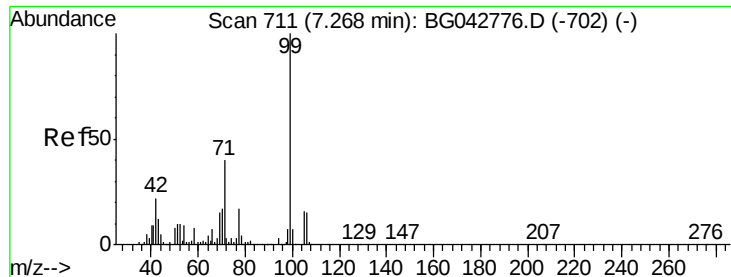
Abundance

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: 119.692 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042847.D

Acq: 16 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

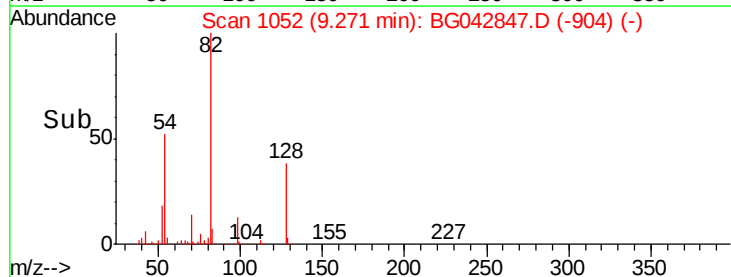
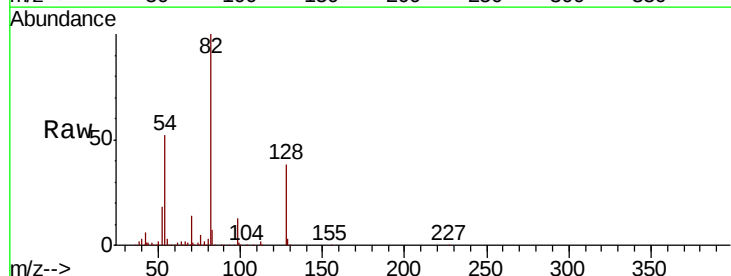
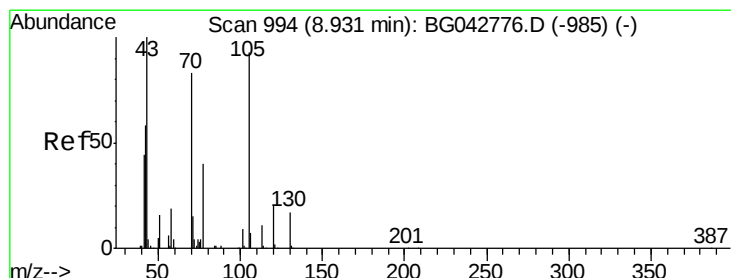
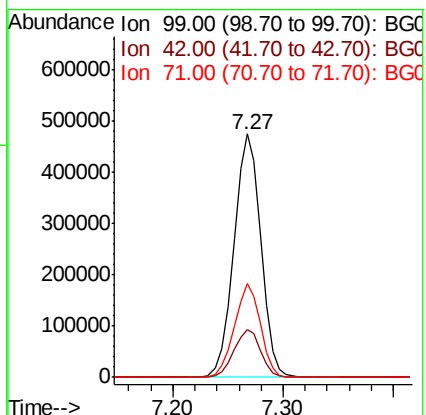
Tot Ion: 99 Resp: 809204

Ion Ratio Lower Upper

99 100

42 19.5 17.5 26.3

71 38.6 32.0 48.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.392 ng

RT: 9.27 min Scan# 1052

Delta R.T. 0.34 min

Lab File: BG042847.D

Acq: 16 Sep 2019 13:24

Tgt Ion: 70 Resp: 66716

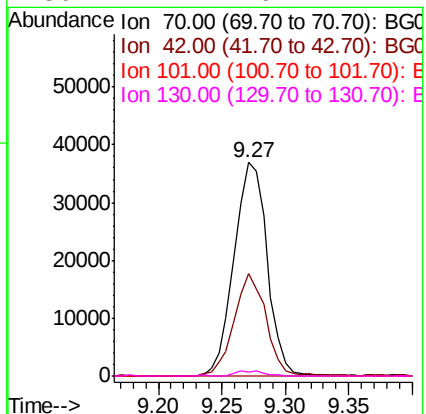
Ion Ratio Lower Upper

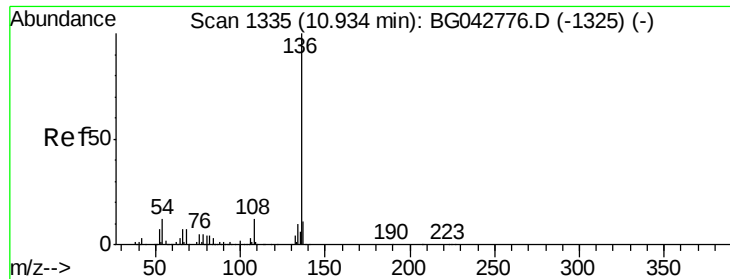
70 100

42 47.7 57.0 85.6#

101 0.0 8.4 12.6#

130 1.7 16.1 24.1#

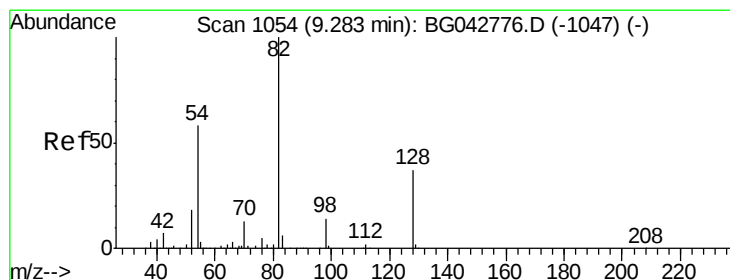
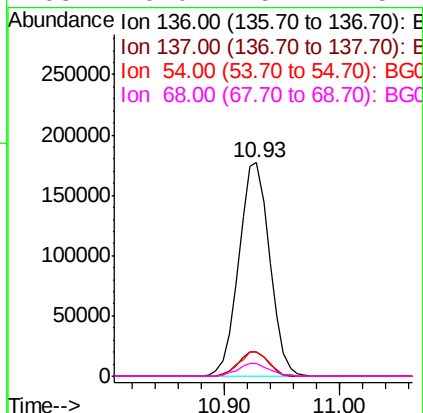
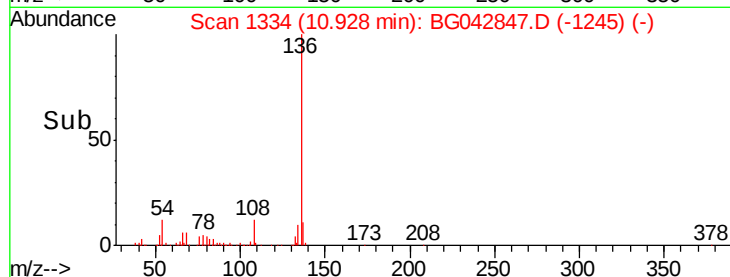
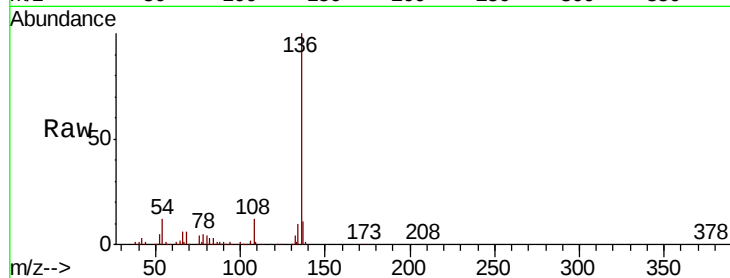




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042847.D
Acq: 16 Sep 2019 13:24

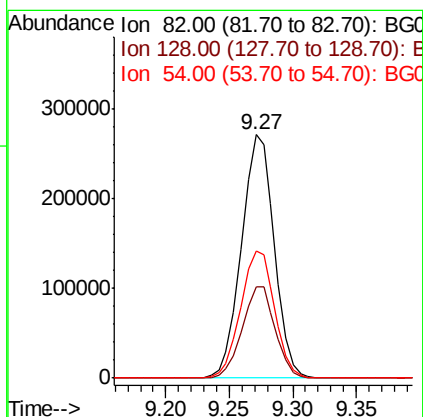
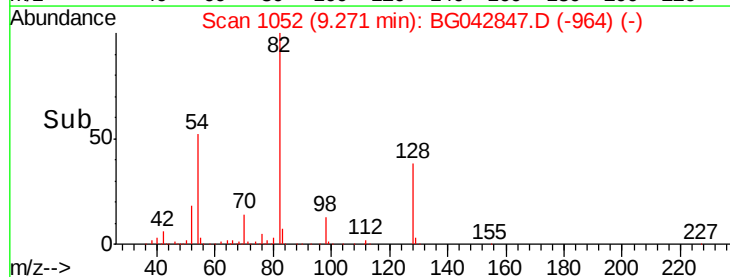
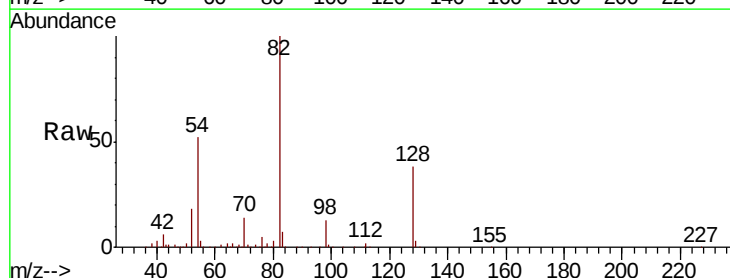
Instrument :
BNA_G
ClientSampleId :

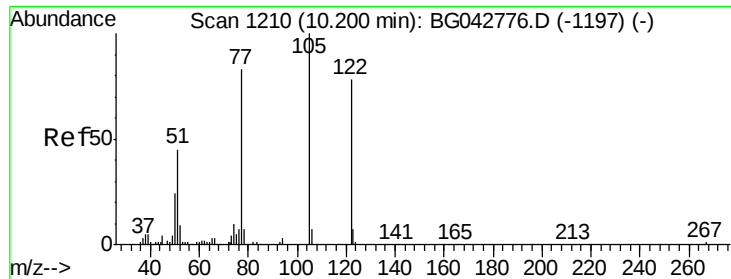
Tot Ion:136	Resp:	327666
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.0 13.6
54	11.7	9.4 14.0
68	6.0	5.4 8.2



#23
Nitrobenzene-d5
Concen: 77.236 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042847.D
Acq: 16 Sep 2019 13:24

Tgt Ion: 82	Resp:	486101
Ion	Ratio	Lower Upper
82	100	
128	37.6	29.8 44.8
54	52.4	46.1 69.1

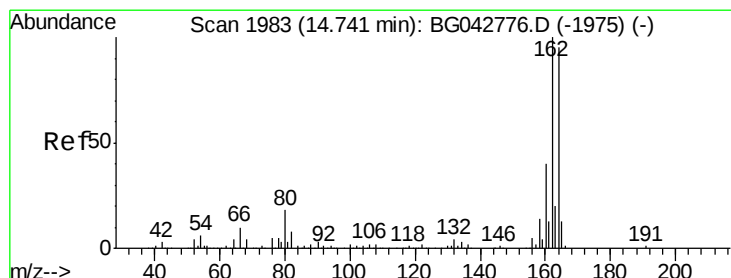
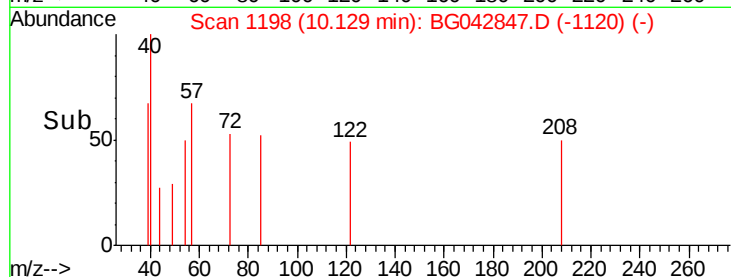
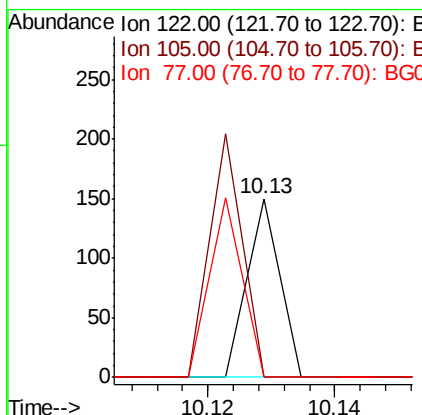
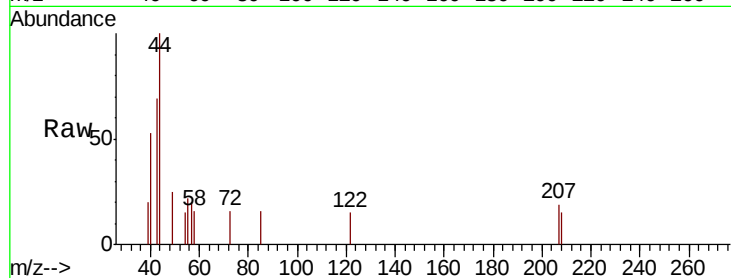




#32
Benzoic acid
Concen: 5.977 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.07 min
Lab File: BG042847.D
Acq: 16 Sep 2019 13:24

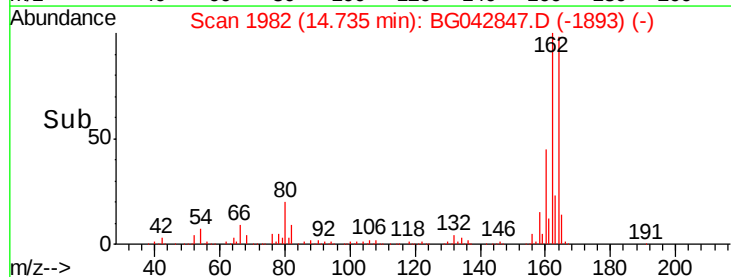
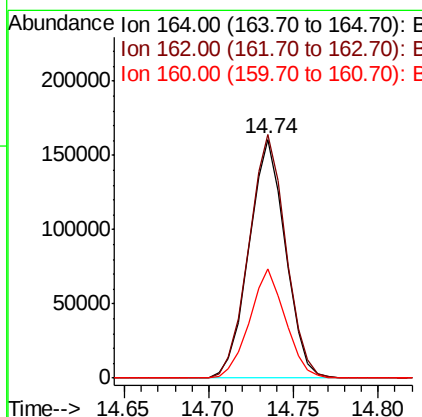
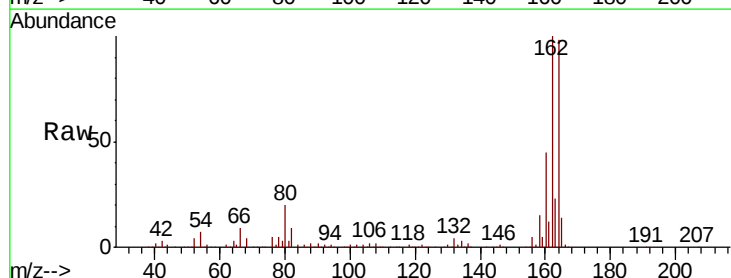
Instrument :
BNA_G
ClientSampleId :

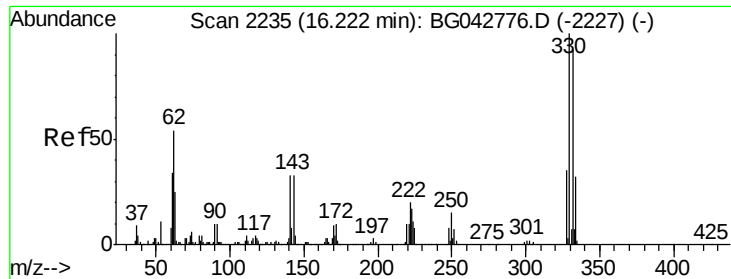
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	104.0	144.0#
77	0.0	84.2	124.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042847.D
Acq: 16 Sep 2019 13:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	84.6	126.8
160	45.9	34.2	51.2

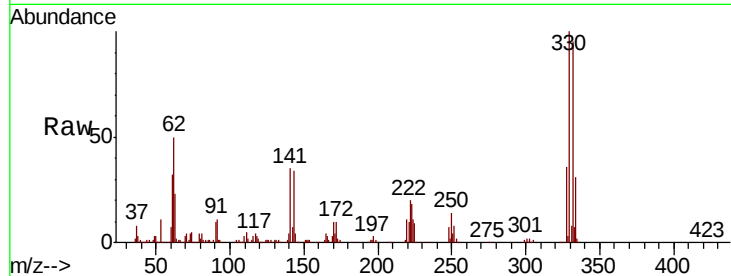




#42
 2,4,6-Tribromophenol
 Concen: 120.349 ng
 RT: 16.22 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BG042847.D
 Acq: 16 Sep 2019 13:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.7	115.1
141	34.6	27.0	40.6

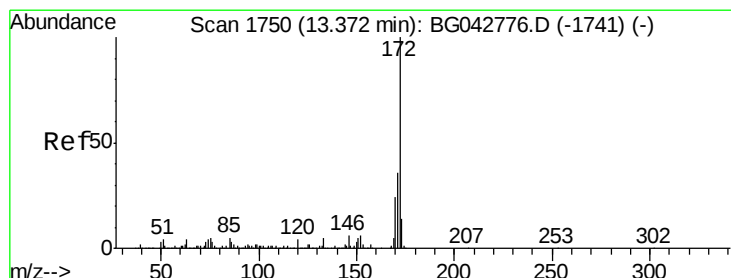
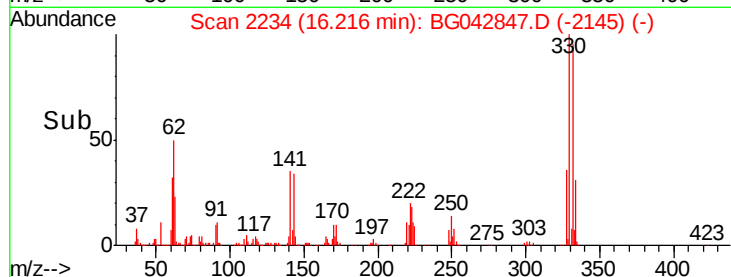
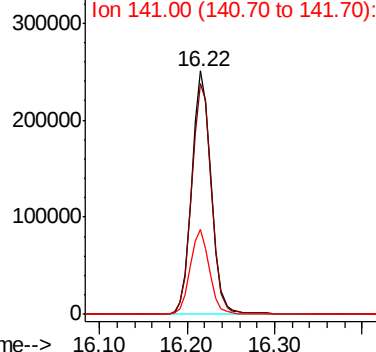


Abundance

Ion 329.80 (329.50 to 330.50): E

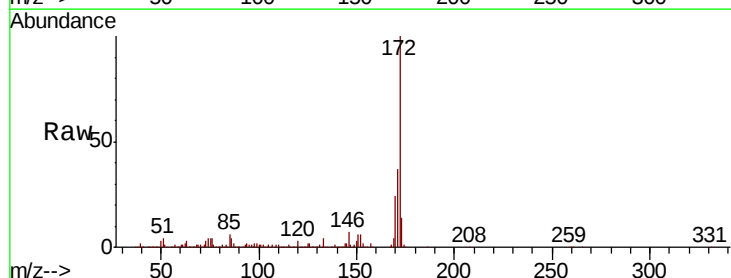
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.592 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG042847.D
 Acq: 16 Sep 2019 13:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	24.4	19.1	28.7

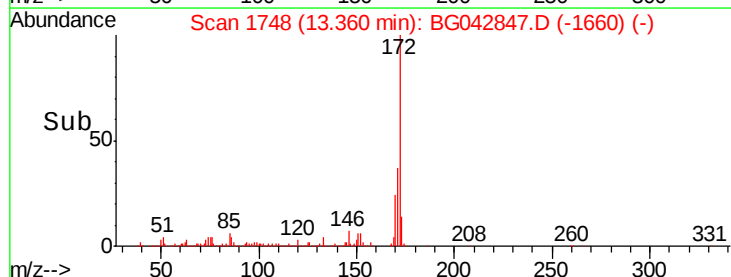
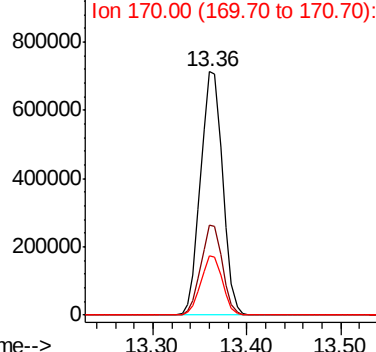


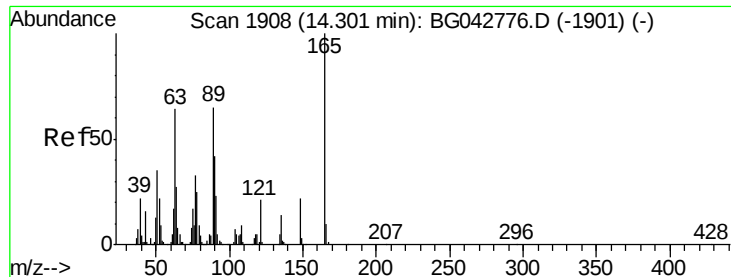
Abundance

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: 9.236 ng

RT: 14.74 min Scan# 1982

Delta R.T. 0.43 min

Lab File: BG042847.D

Acq: 16 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

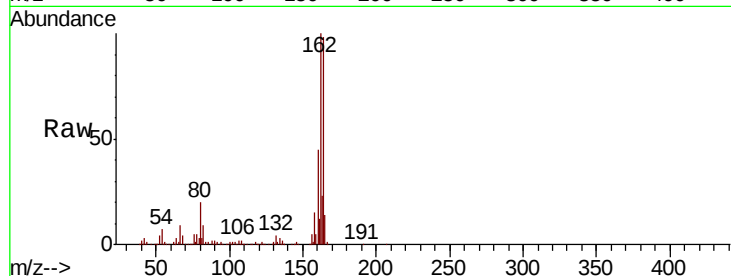
Tot Ion:165 Resp: 34202

Ion Ratio Lower Upper

165 100

63 1.6 52.1 78.1#

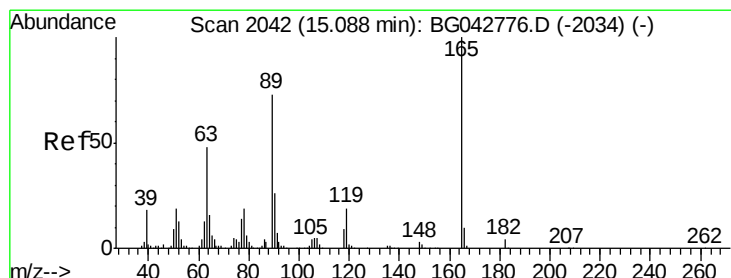
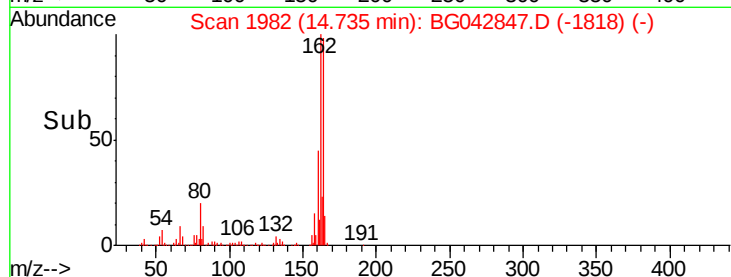
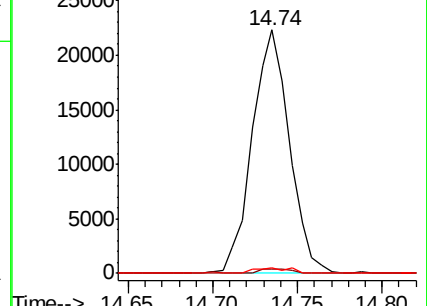
89 2.2 51.7 77.5#



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



#57

2,4-Dinitrotoluene

Concen: 6.929 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.35 min

Lab File: BG042847.D

Acq: 16 Sep 2019 13:24

Tgt Ion:165 Resp: 34202

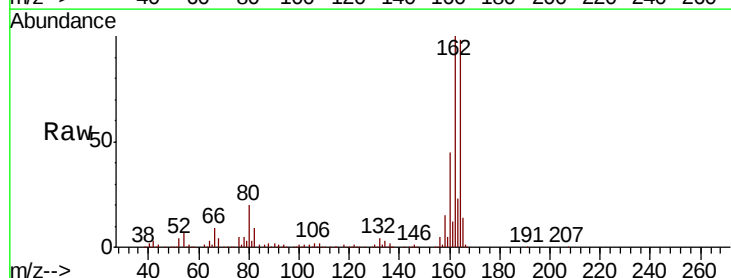
Ion Ratio Lower Upper

165 100

63 1.6 38.3 57.5#

89 2.2 58.4 87.6#

182 0.0 2.9 4.3#

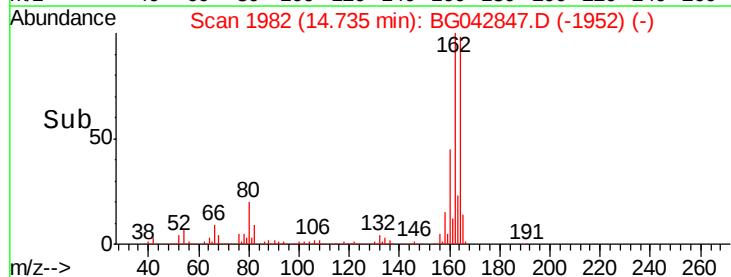
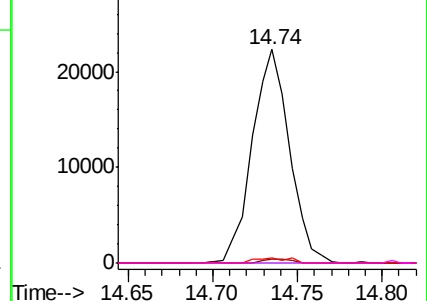


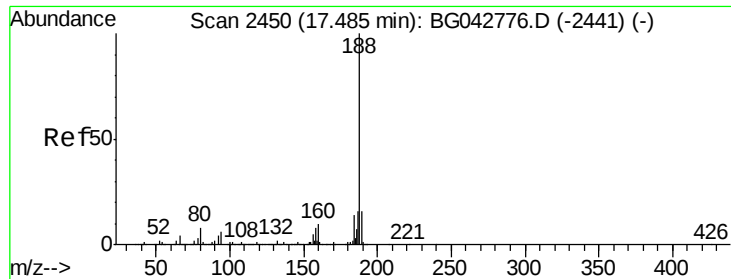
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.47 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG042847.D

Acq: 16 Sep 2019 13:24

Instrument :

BNA_G

ClientSampled :

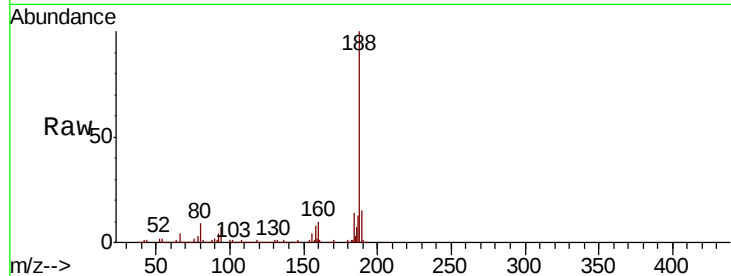
Tot Ion:188 Resp: 629790

Ion Ratio Lower Upper

188 100

94 6.9 4.8 7.2

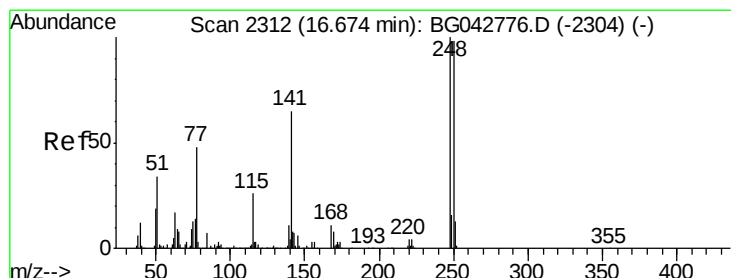
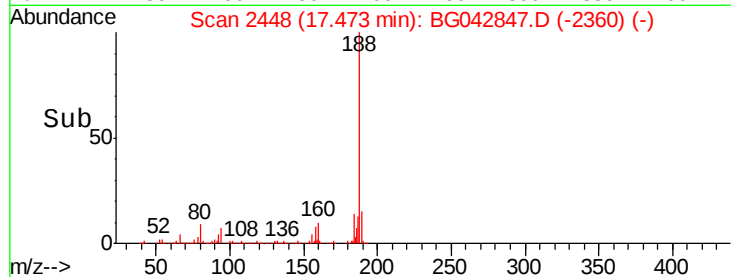
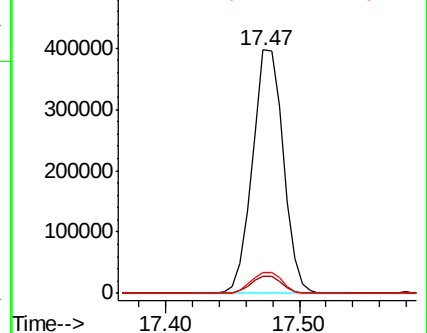
80 8.8 6.6 9.8



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: 3.384 ng

RT: 16.22 min Scan# 2234

Delta R.T. -0.46 min

Lab File: BG042847.D

Acq: 16 Sep 2019 13:24

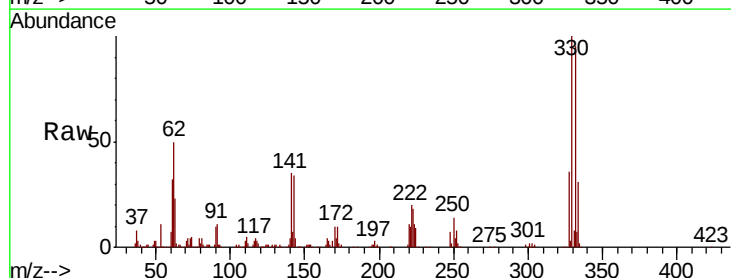
Tgt Ion:248 Resp: 25798

Ion Ratio Lower Upper

248 100

250 210.3 78.0 117.0#

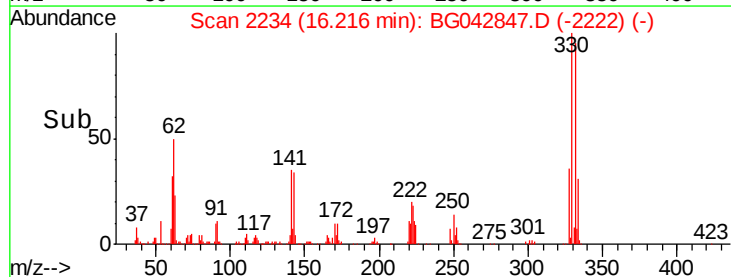
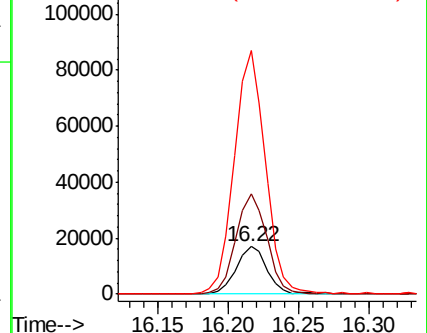
141 512.8 51.8 77.6#

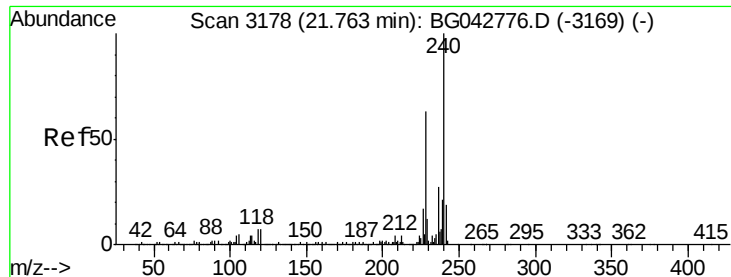


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042847.D

Acq: 16 Sep 2019 13:24

Instrument :

BNA_G

ClientSampled :

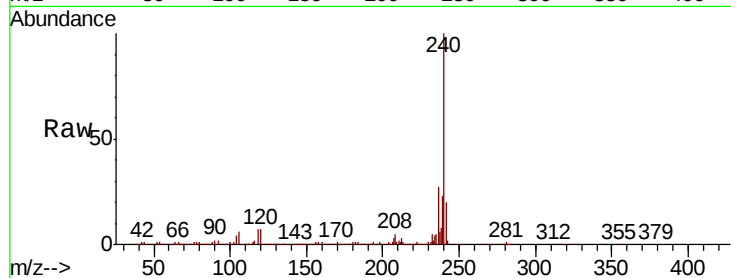
Tot Ion:240 Resp: 660178

Ion Ratio Lower Upper

240 100

120 6.7 5.4 8.2

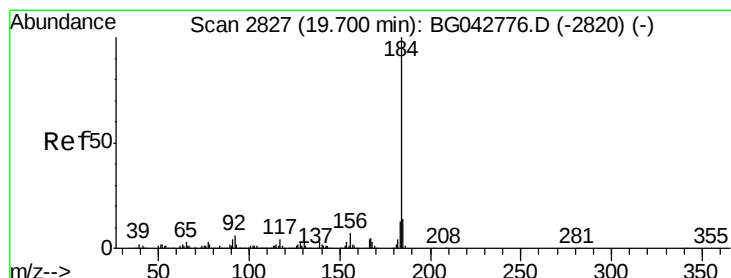
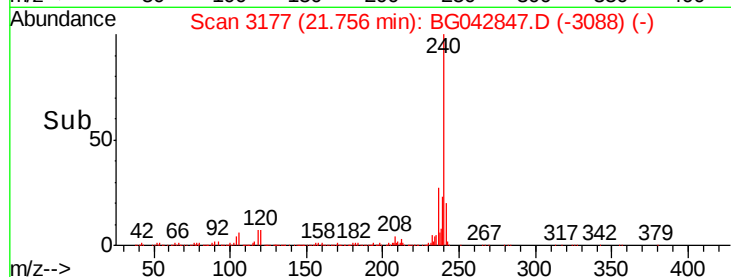
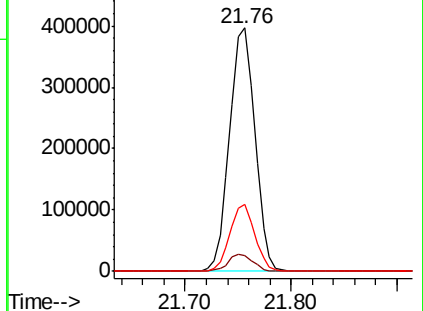
236 27.3 21.7 32.5



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



#77

Benzidine

Concen: 2.144 ng

RT: 20.08 min Scan# 2892

Delta R.T. 0.38 min

Lab File: BG042847.D

Acq: 16 Sep 2019 13:24

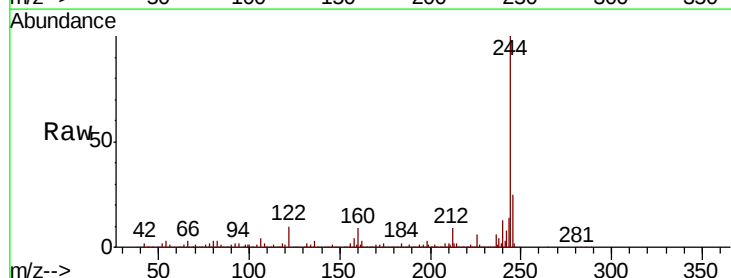
Tgt Ion:184 Resp: 39538

Ion Ratio Lower Upper

184 100

185 16.4 11.6 17.4

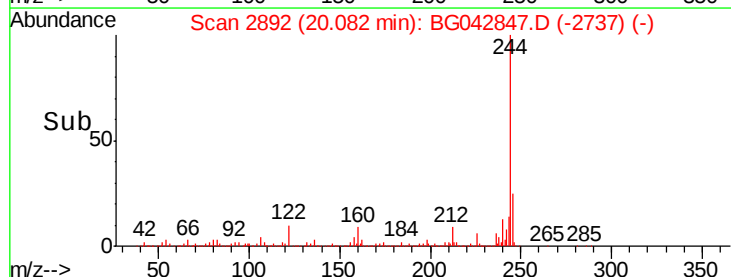
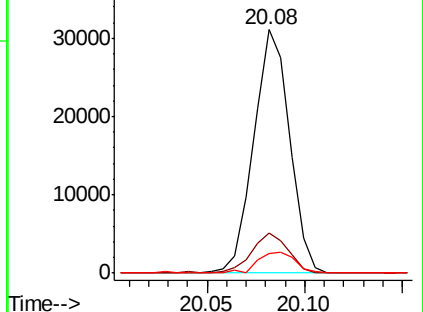
183 8.3 10.4 15.6#

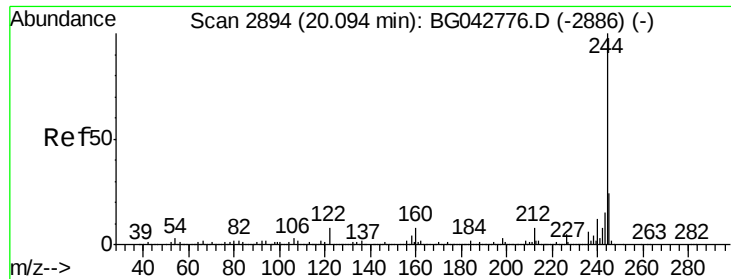


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 76.051 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042847.D

Acq: 16 Sep 2019 13:24

Instrument :

BNA_G

ClientSampleId :

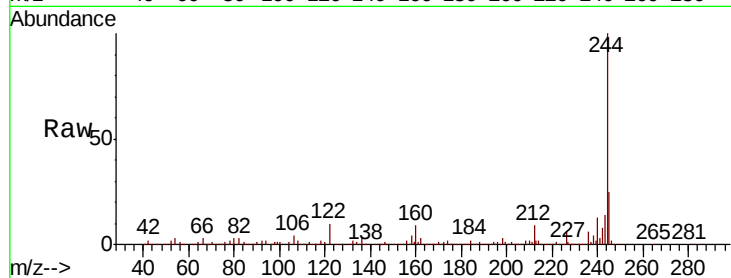
Tot Ion:244 Resp: 2265374

Ion Ratio Lower Upper

244 100

212 8.5 6.6 10.0

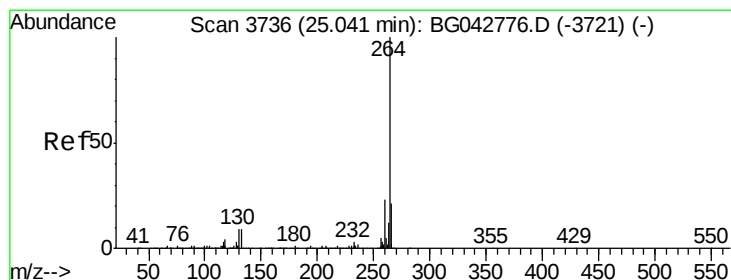
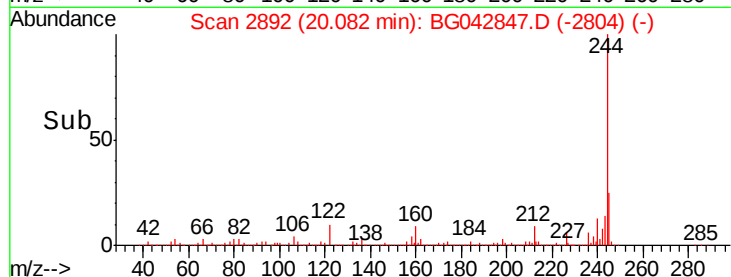
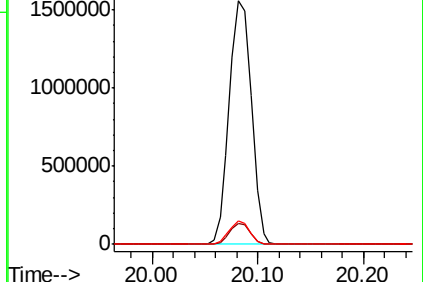
122 9.6 6.2 9.4#



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: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG042847.D

Acq: 16 Sep 2019 13:24

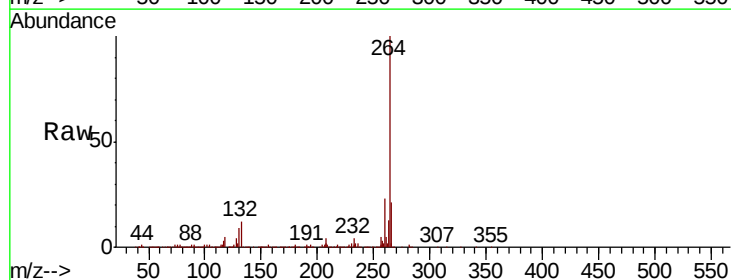
Tgt Ion:264 Resp: 709064

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 21.1 16.9 25.3



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

