

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
 Data File : BG043621.D
 Acq On : 13 Nov 2019 20:38
 Operator : JU
 Sample : PB124721TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 14 01:43:17 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

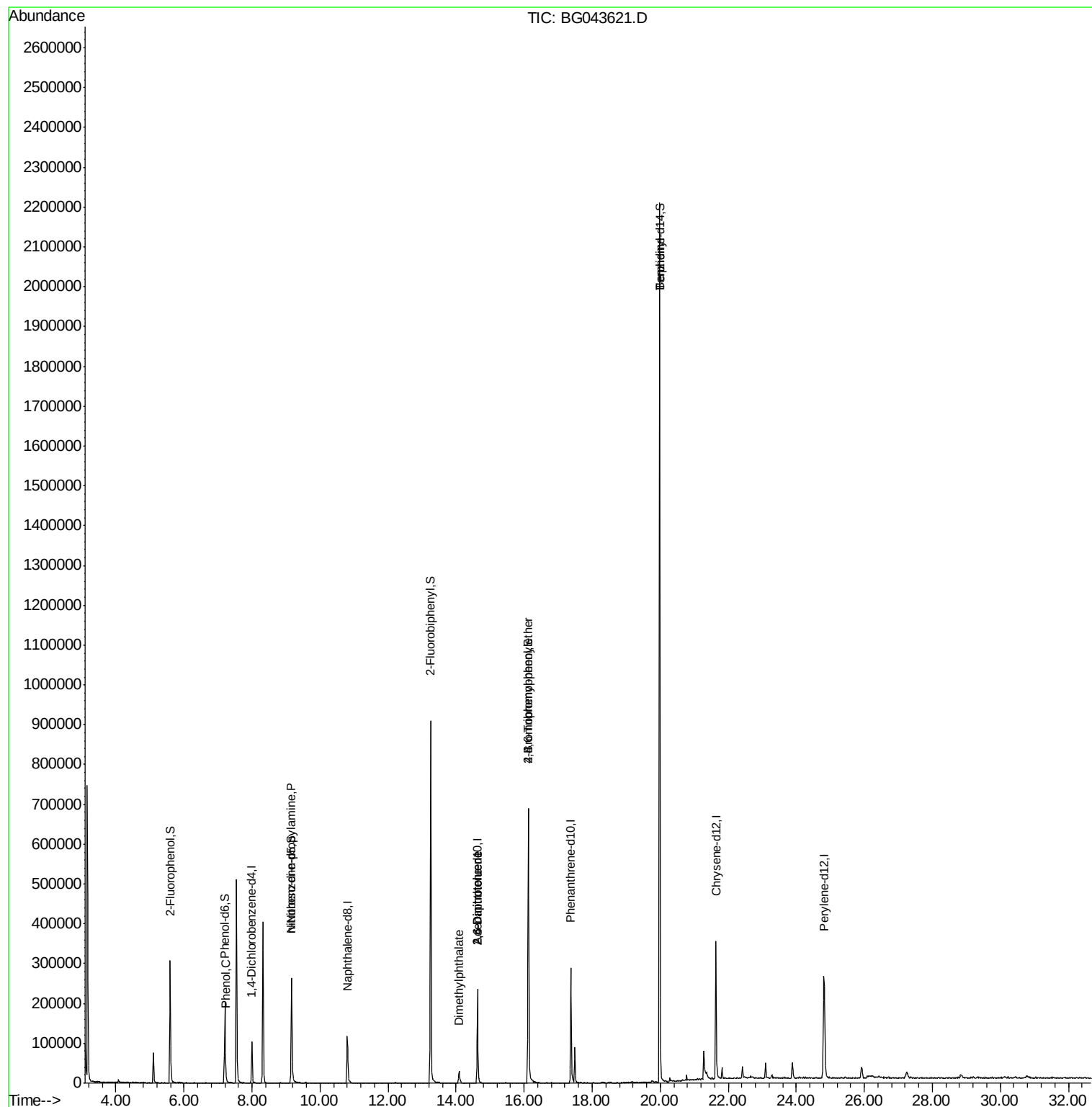
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	32536	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	116668	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	92526	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	221658	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	246753	20.00	ng	-0.02
87) Perylene-d12	24.81	264	286127	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	143968	81.08	ng	0.00
7) Phenol-d6	7.20	99	130326	51.02	ng	0.00
23) Nitrobenzene-d5	9.16	82	184860	81.69	ng	-0.01
42) 2,4,6-Tribromophenol	16.12	330	181181	102.90	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	532631	79.54	ng	-0.01
79) Terphenyl-d14	19.98	244	1135846	86.36	ng	-0.01
Target Compounds						
10) Phenol	7.22	94	5391	2.309	ng	88
19) n-Nitroso-di-n-propylamine	9.16	70	25826	15.645	ng	# 74
50) Dimethylphthalate	14.09	163	31186	4.351	ng	# 95
51) 2,6-Dinitrotoluene	14.62	165	11836	7.602	ng	# 22
57) 2,4-Dinitrotoluene	14.62	165	11836	5.319	ng	# 25
67) 4-Bromophenyl-phenylether	16.12	248	12214	4.095	ng	# 1
77) Benzidine	19.98	184	16258	3.274	ng	# 91

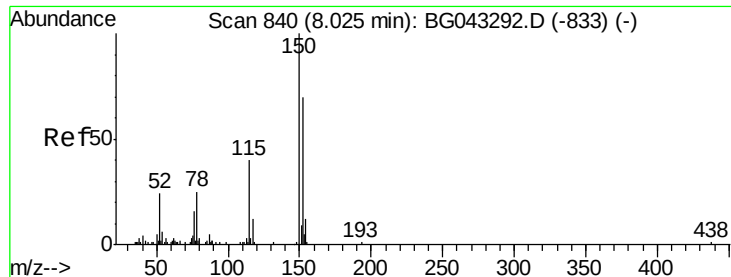
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Nov 14 01:43:17 2019
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QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration



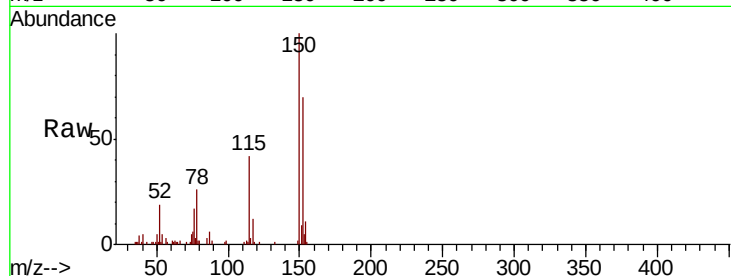


#1

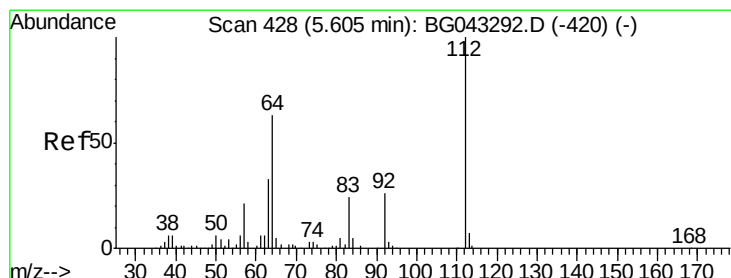
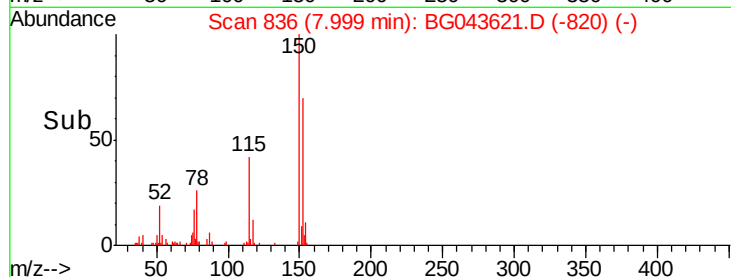
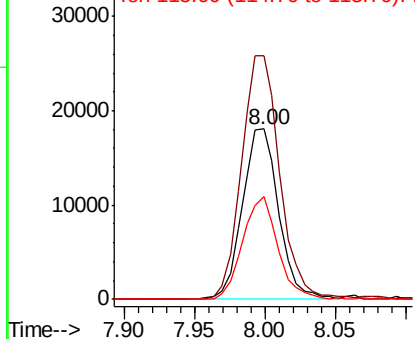
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043621.D
Acq: 13 Nov 2019 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32536
Ion Ratio Lower Upper
152 100
150 143.1 129.4 194.0
115 60.1 48.8 73.2



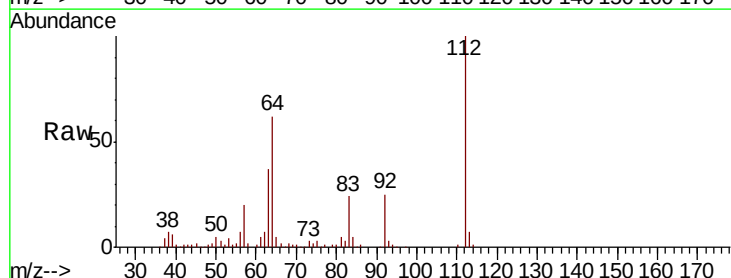
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



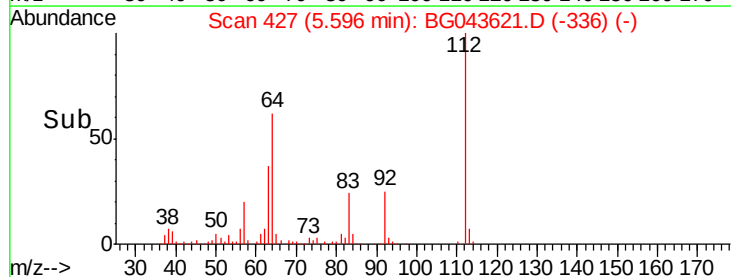
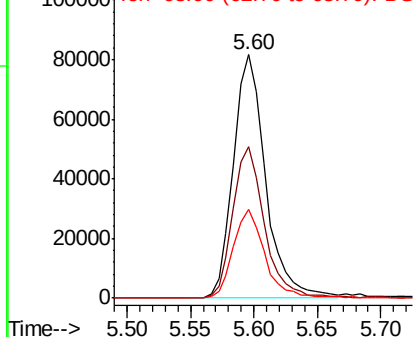
#5

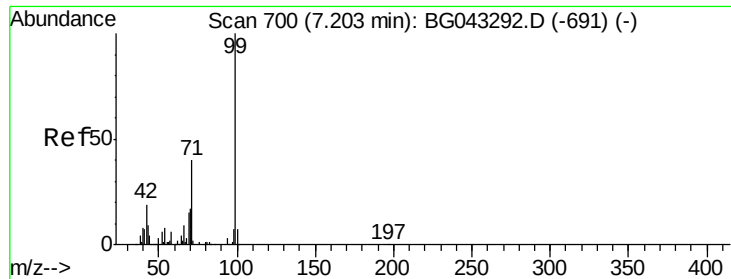
2-Fluorophenol
Concen: 81.084 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043621.D
Acq: 13 Nov 2019 20:38

Tgt Ion:112 Resp: 143968
Ion Ratio Lower Upper
112 100
64 62.0 50.0 75.0
63 36.7 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: 51.016 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043621.D

Acq: 13 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

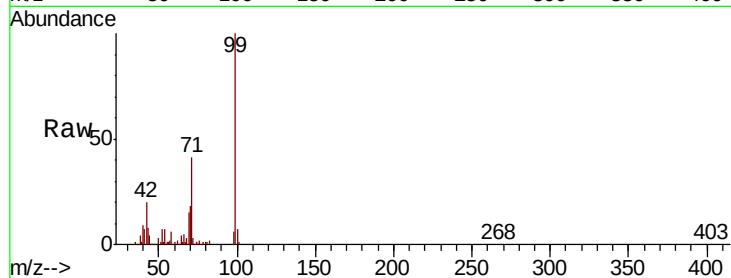
Tot Ion: 99 Resp: 130326

Ion Ratio Lower Upper

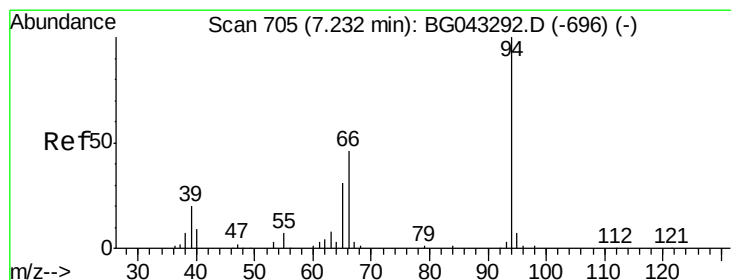
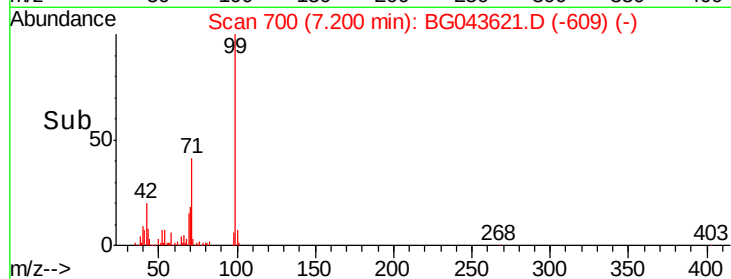
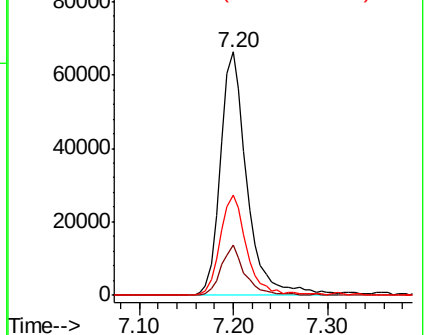
99 100

42 20.5 14.6 21.8

71 41.4 32.5 48.7



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: 2.309 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043621.D

Acq: 13 Nov 2019 20:38

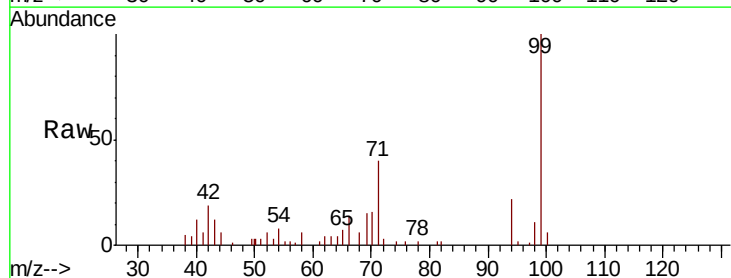
Tgt Ion: 94 Resp: 5391

Ion Ratio Lower Upper

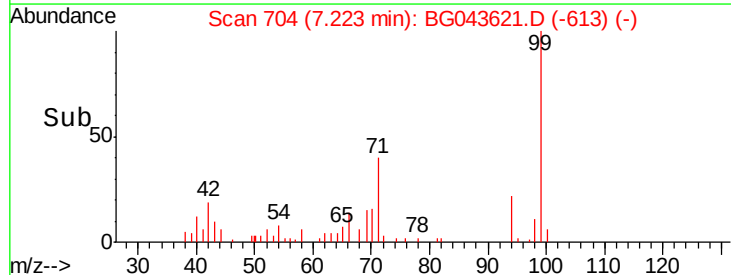
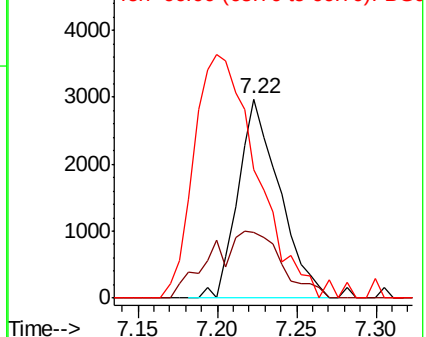
94 100

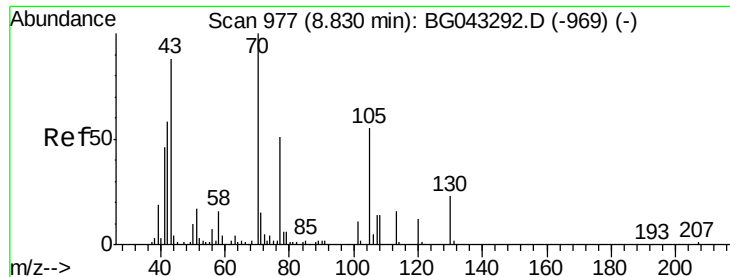
65 33.1 12.6 52.6

66 64.5 30.7 70.7



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

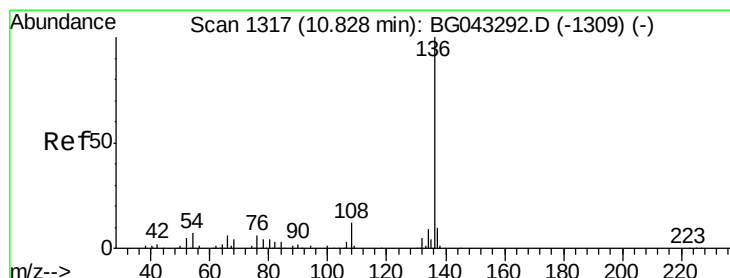
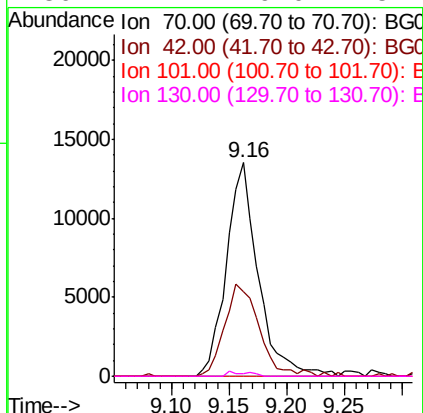
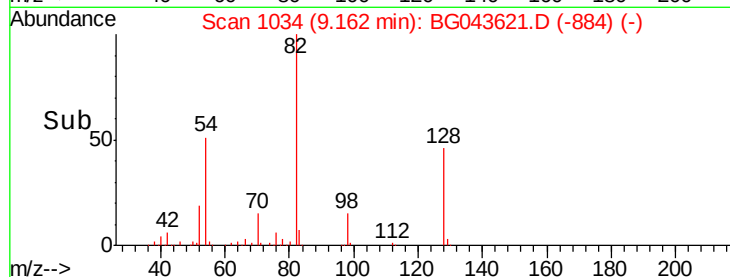
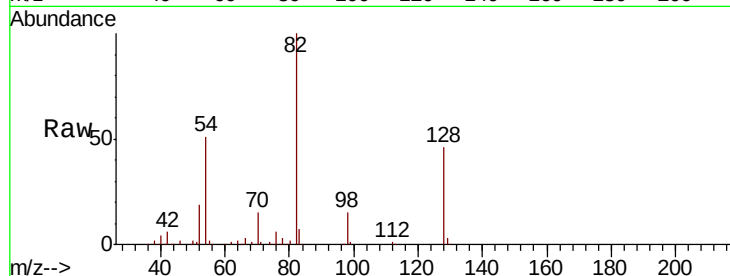




#19
n-Nitroso-di-n-propylamine
Concen: 15.645 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG043621.D
Acq: 13 Nov 2019 20:38

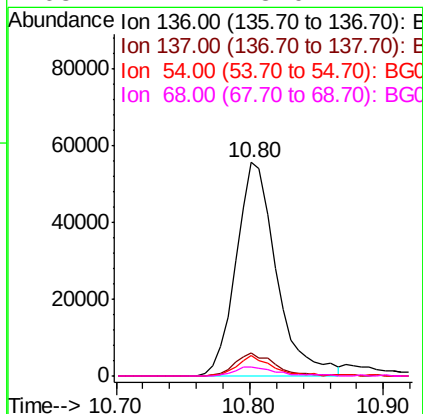
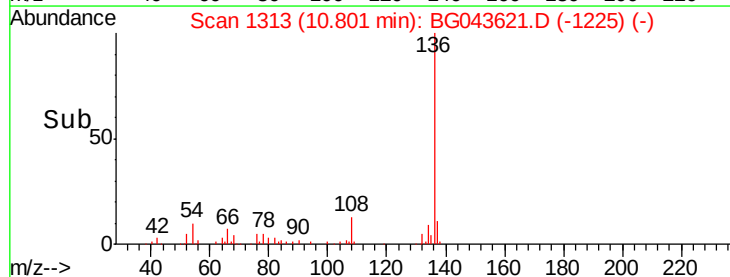
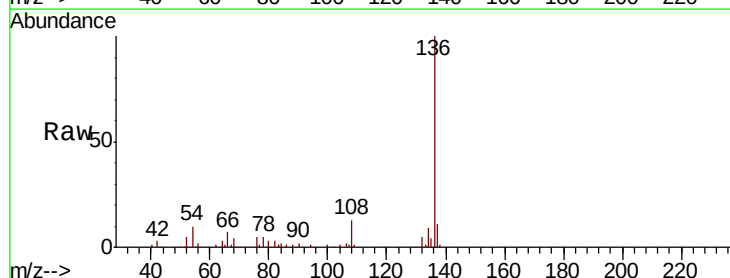
Instrument :
BNA_G
ClientSampleId :

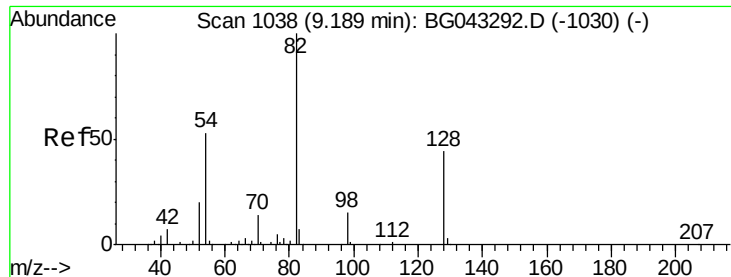
Tot Ion: 70 Resp: 25826
Ion Ratio Lower Upper
70 100
42 39.4 41.4 62.2#
101 0.0 7.9 11.9#
130 1.4 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043621.D
Acq: 13 Nov 2019 20:38

Tgt Ion: 136 Resp: 116668
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.6 5.4 8.2#
68 4.4 3.0 4.4

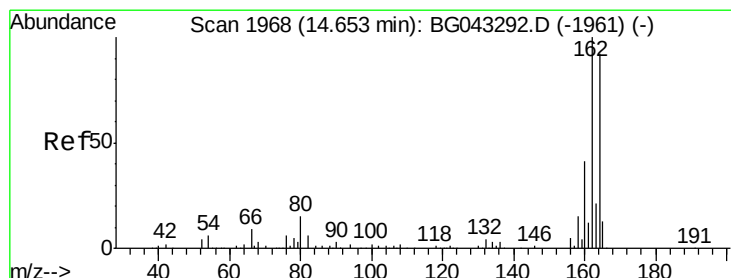
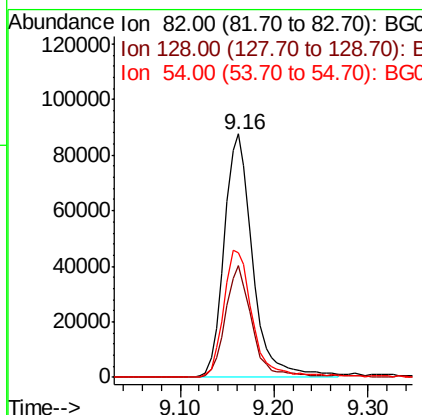
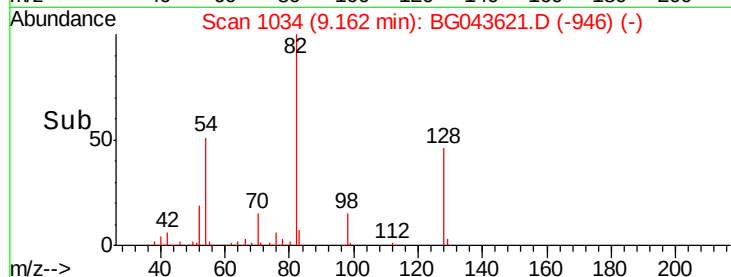
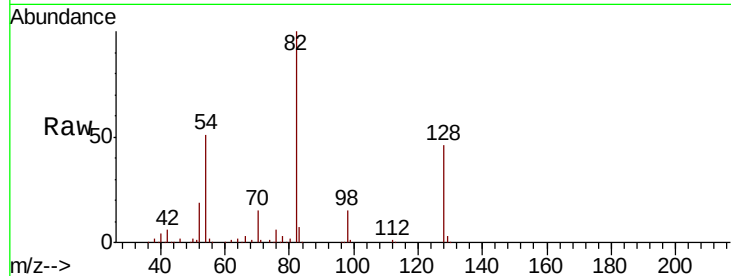




#23
 Nitrobenzene-d5
 Concen: 81.688 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG043621.D
 Acq: 13 Nov 2019 20:38

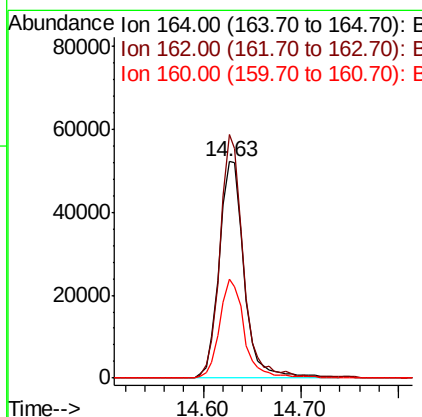
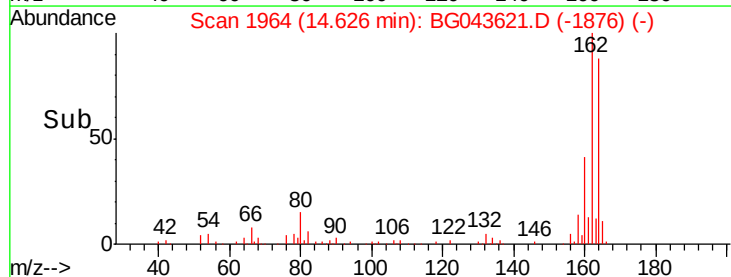
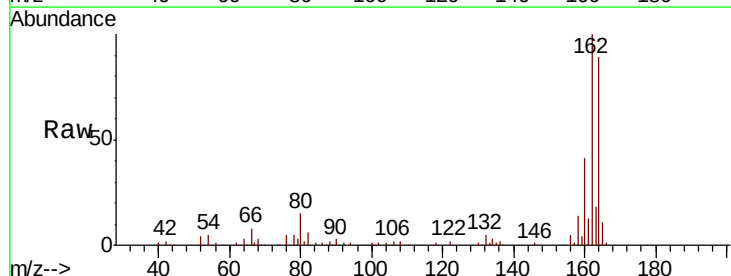
Instrument :
 BNA_G
 ClientSampled :

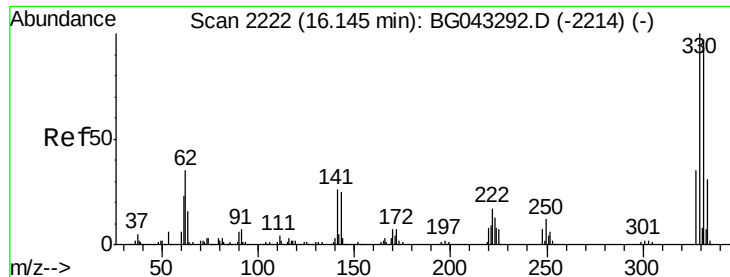
Tot Ion	82	Resp	184860
Ion Ratio	100	Lower	Upper
128	45.9	35.0	52.6
54	51.4	40.2	60.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BG043621.D
 Acq: 13 Nov 2019 20:38

Tgt Ion	164	Resp	92526
Ion Ratio	100	Lower	Upper
162	112.4	83.5	125.3
160	45.6	36.5	54.7

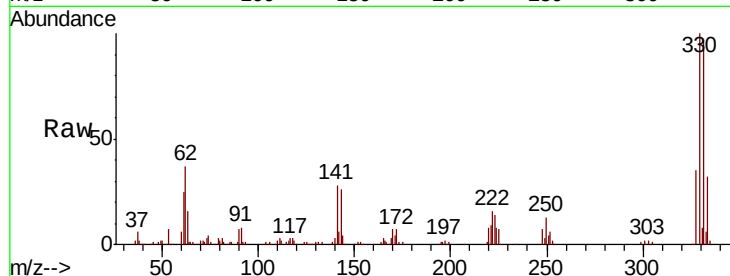




#42
 2,4,6-Tribromophenol
 Concen: 102.899 ng
 RT: 16.12 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG043621.D
 Acq: 13 Nov 2019 20:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.0
141	28.1	22.8	34.2

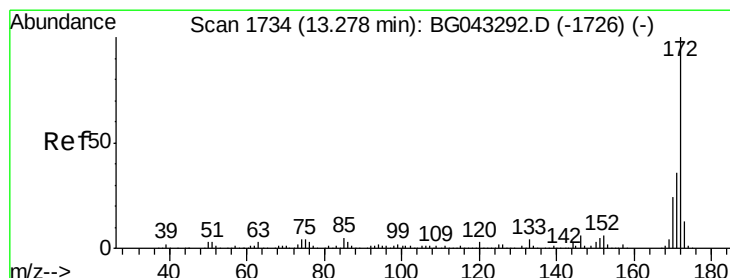
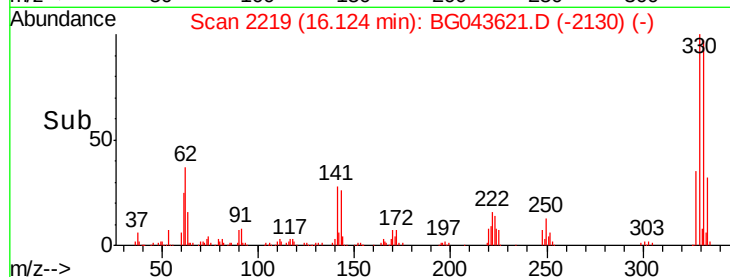
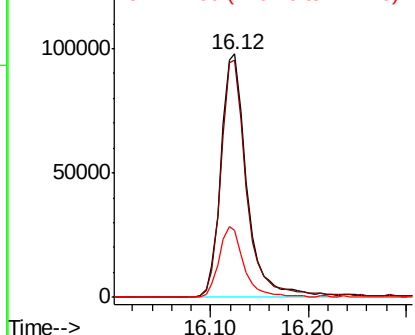


Abundance

Ion 329.80 (329.50 to 330.50): E

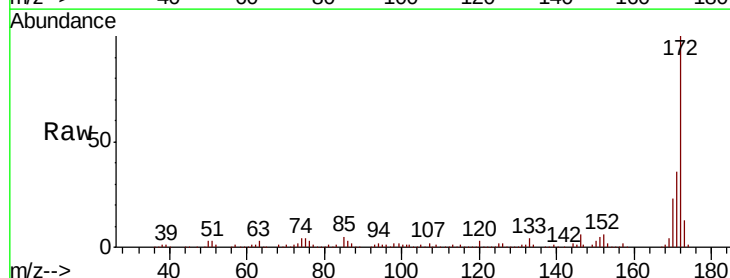
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 79.544 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG043621.D
 Acq: 13 Nov 2019 20:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.1	18.5	27.7

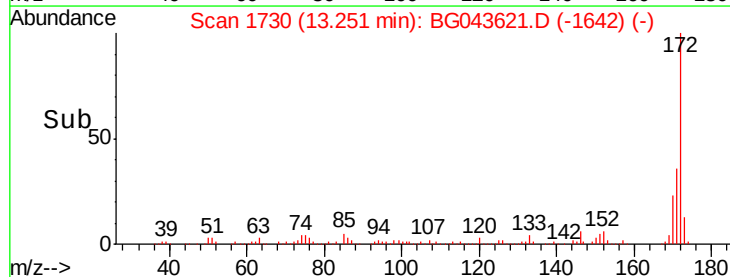
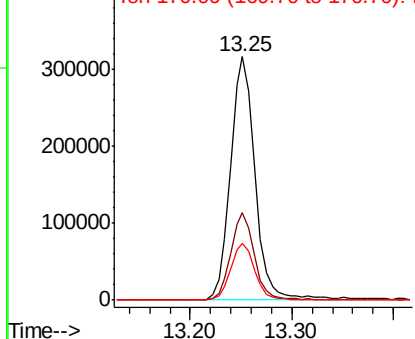


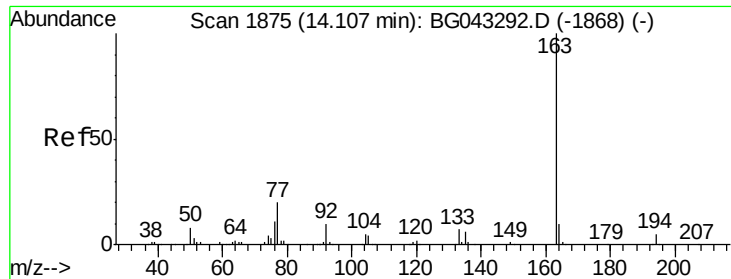
Abundance

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





#50

Dimethylphthalate

Concen: 4.351 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG043621.D

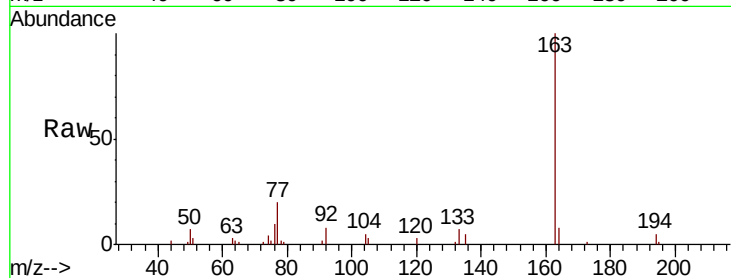
Acq: 13 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

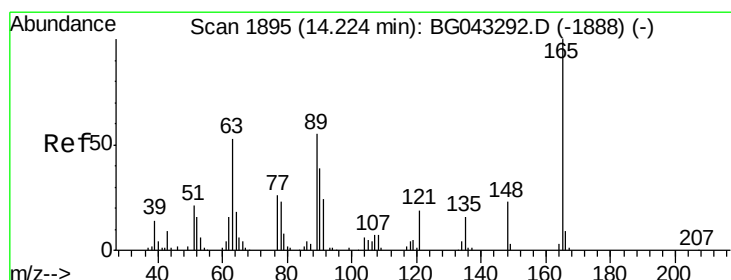
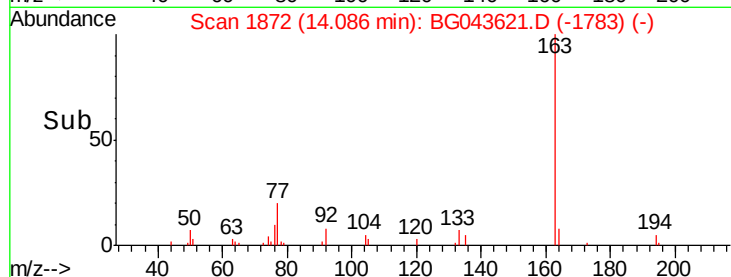
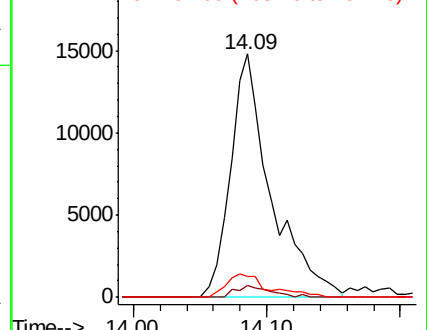
Tot Ion:163	Resp:	31186
Ion Ratio	Lower	Upper
163	100	
194	4.8	3.8 5.6
164	8.5	8.9 13.3#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.602 ng

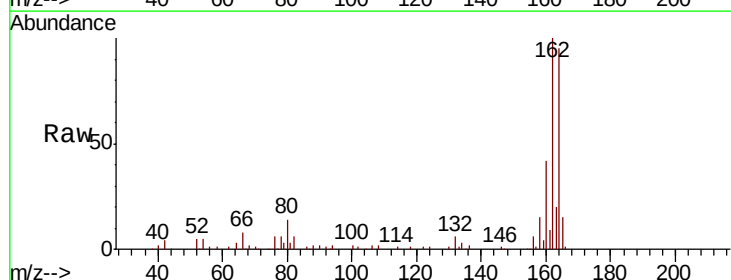
RT: 14.62 min Scan# 1963

Delta R.T. 0.41 min

Lab File: BG043621.D

Acq: 13 Nov 2019 20:38

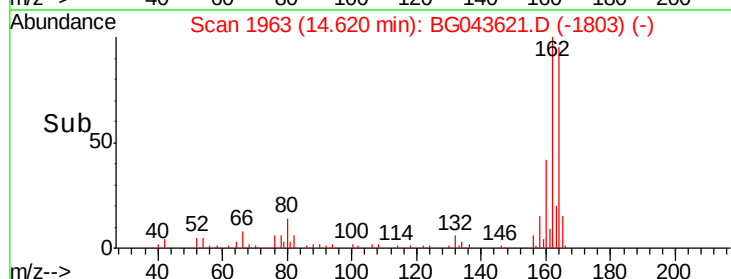
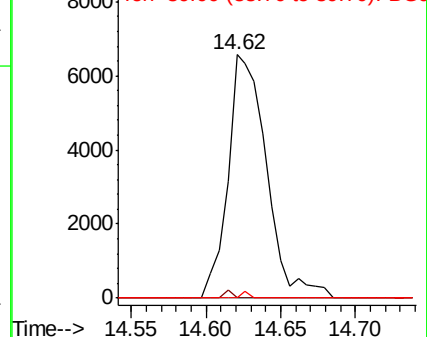
Tgt Ion:165	Resp:	11836
Ion Ratio	Lower	Upper
165	100	
63	0.0	46.6 69.8#
89	0.0	45.1 67.7#

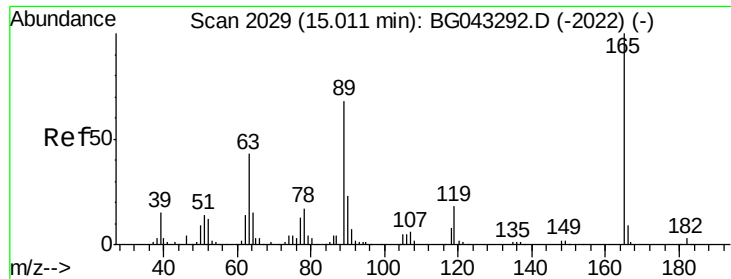


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

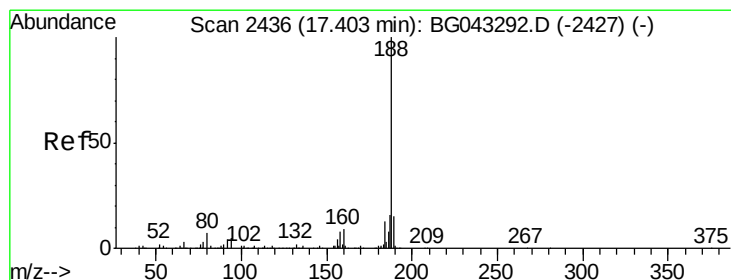
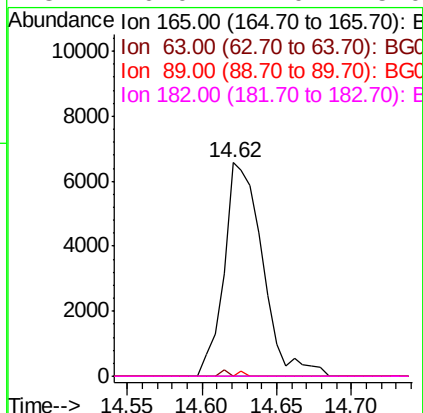
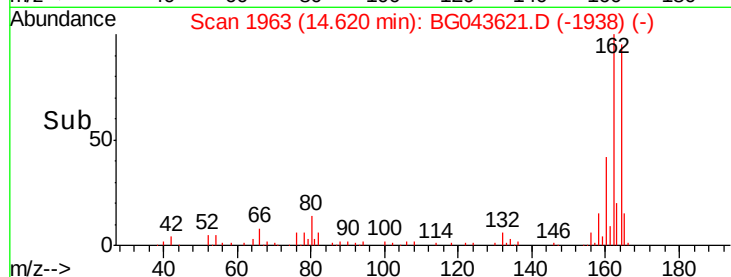
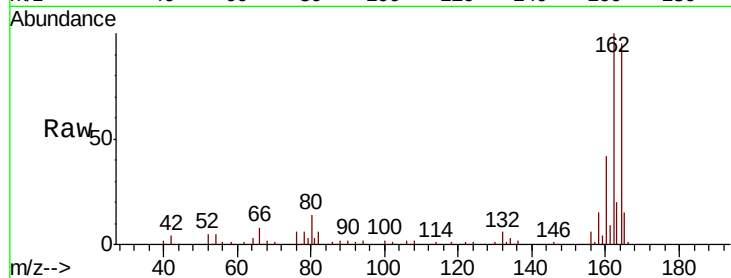




#57
 2,4-Dinitrotoluene
 Concen: 5.319 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.38 min
 Lab File: BG043621.D
 Acq: 13 Nov 2019 20:38

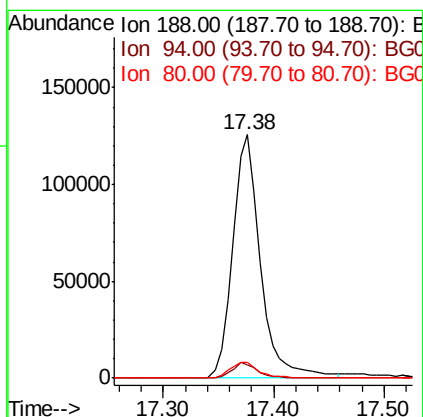
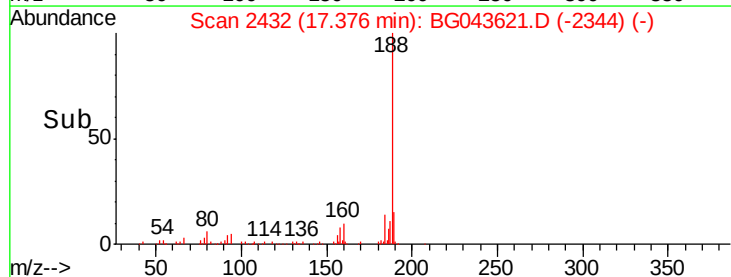
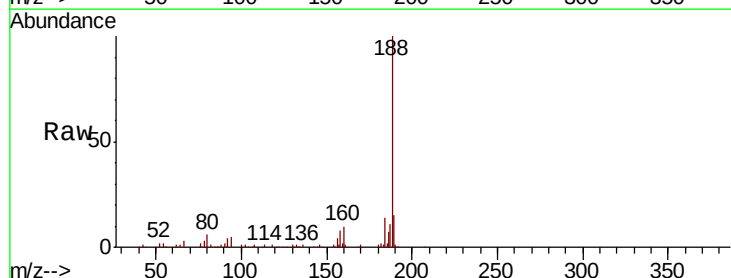
Instrument :
 BNA_G
 ClientSampleId :

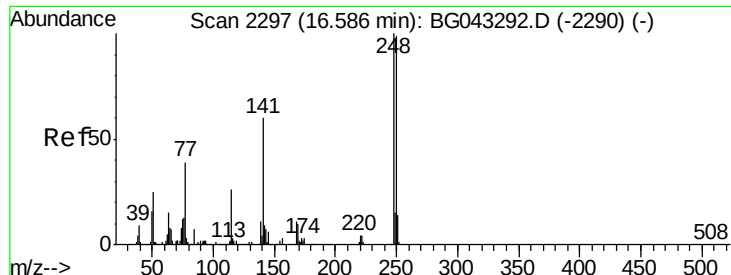
Tot Ion:	165	Resp:	11836
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.2	49.8#
89	0.0	52.2	78.4#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2432
 Delta R.T. -0.01 min
 Lab File: BG043621.D
 Acq: 13 Nov 2019 20:38

Tgt Ion:	188	Resp:	221658
Ion	Ratio	Lower	Upper
188	100		
94	5.2	4.2	6.4
80	6.4	4.5	6.7

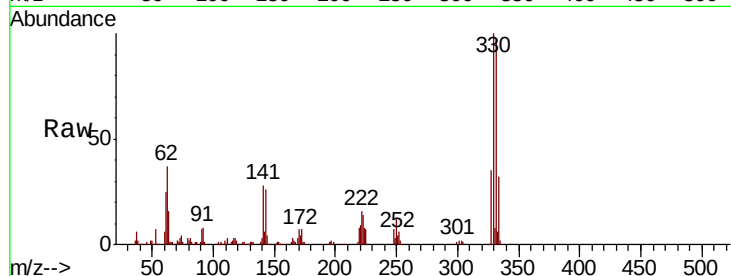




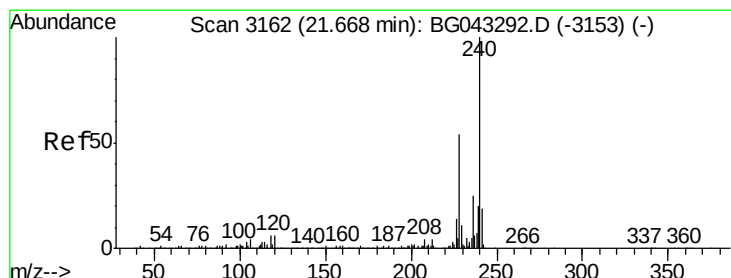
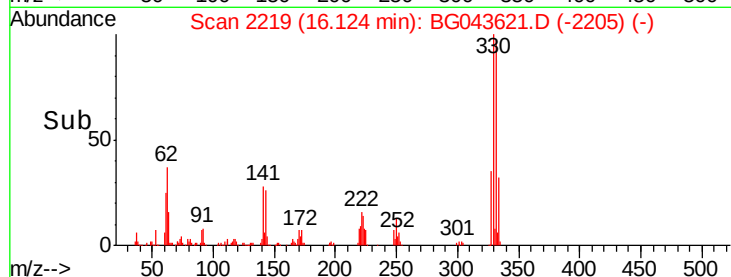
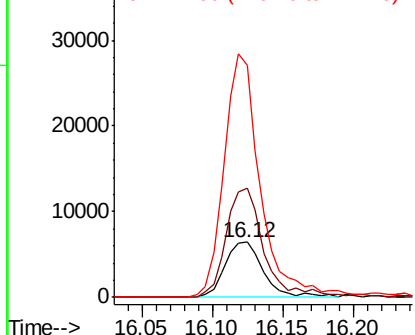
#67
4-Bromophenyl-phenylether
Concen: 4.095 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.45 min
Lab File: BG043621.D
Acq: 13 Nov 2019 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 12214
Ion Ratio Lower Upper
248 100
250 197.9 77.0 115.4#
141 421.8 47.5 71.3#

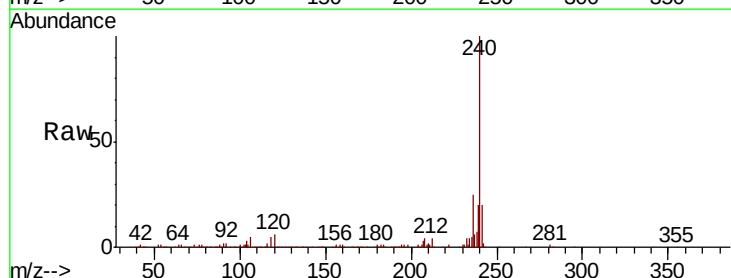


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

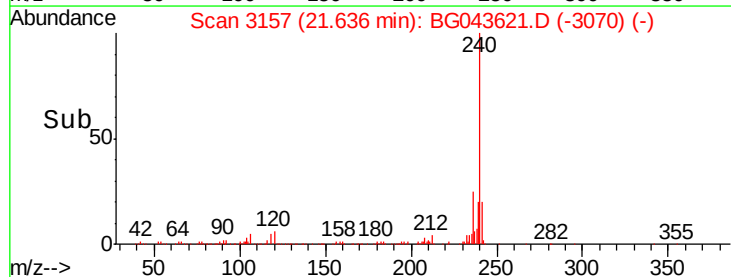
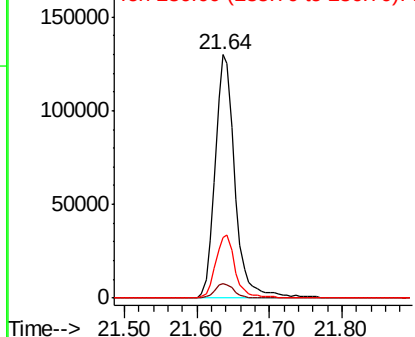


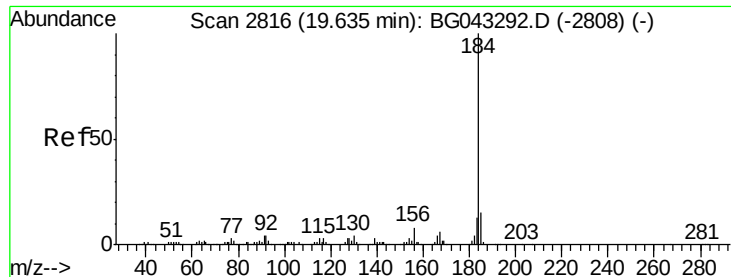
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.02 min
Lab File: BG043621.D
Acq: 13 Nov 2019 20:38

Tgt Ion:240 Resp: 246753
Ion Ratio Lower Upper
240 100
120 6.0 4.6 6.8
236 25.0 19.8 29.8



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: 3.274 ng

RT: 19.98 min Scan# 2876

Delta R.T. 0.36 min

Lab File: BG043621.D

Acq: 13 Nov 2019 20:38

Instrument :

BNA_G

ClientSampleId :

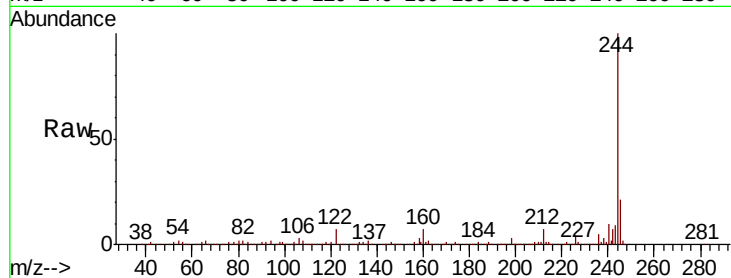
Tot Ion:184 Resp: 16258

Ion Ratio Lower Upper

184 100

185 19.2 11.0 16.4#

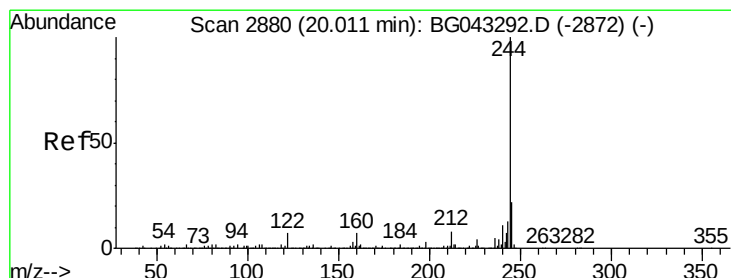
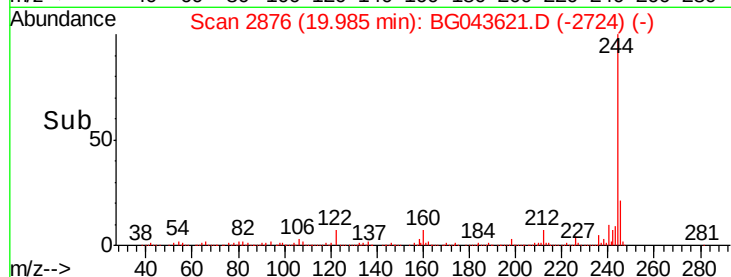
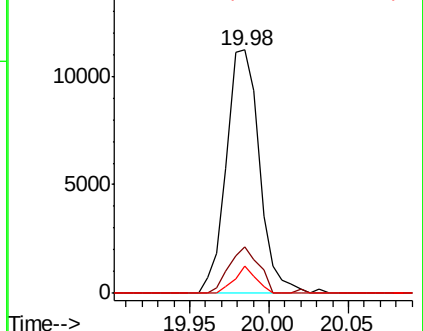
183 11.1 10.0 15.0



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: 86.358 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043621.D

Acq: 13 Nov 2019 20:38

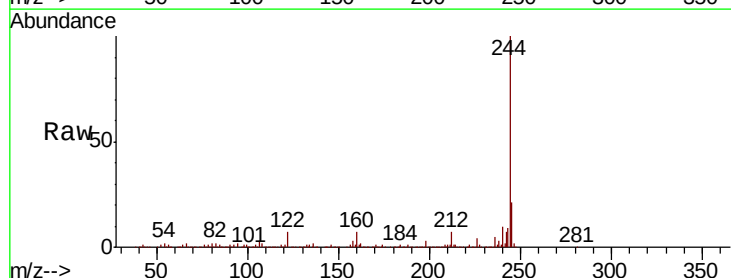
Tgt Ion:244 Resp: 1135846

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

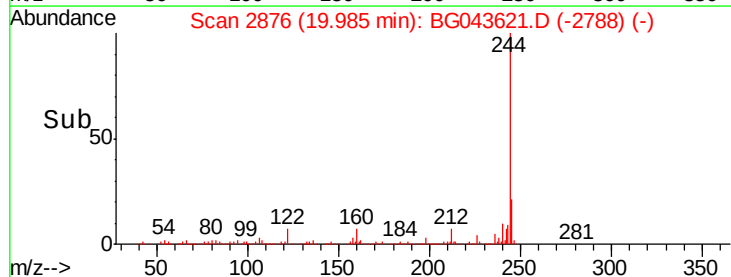
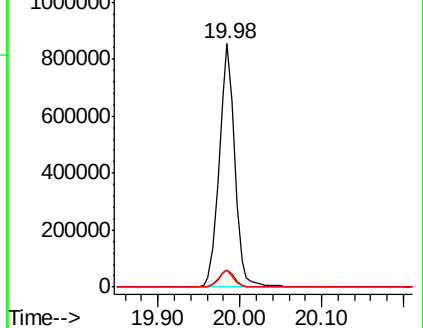
122 6.8 5.4 8.2

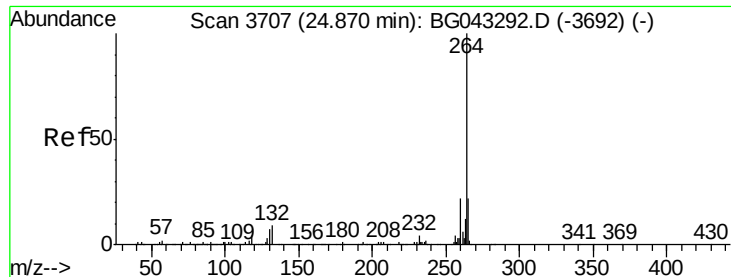


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.81 min Scan# 3698
 Delta R.T. -0.04 min
 Lab File: BG043621.D
 Acq: 13 Nov 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.5	26.3
265	21.5	17.4	26.0

