

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
 Data File : BG043634.D
 Acq On : 14 Nov 2019 15:18
 Operator : JU
 Sample : K5826-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-15-S

Quant Time: Nov 15 00:58:08 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

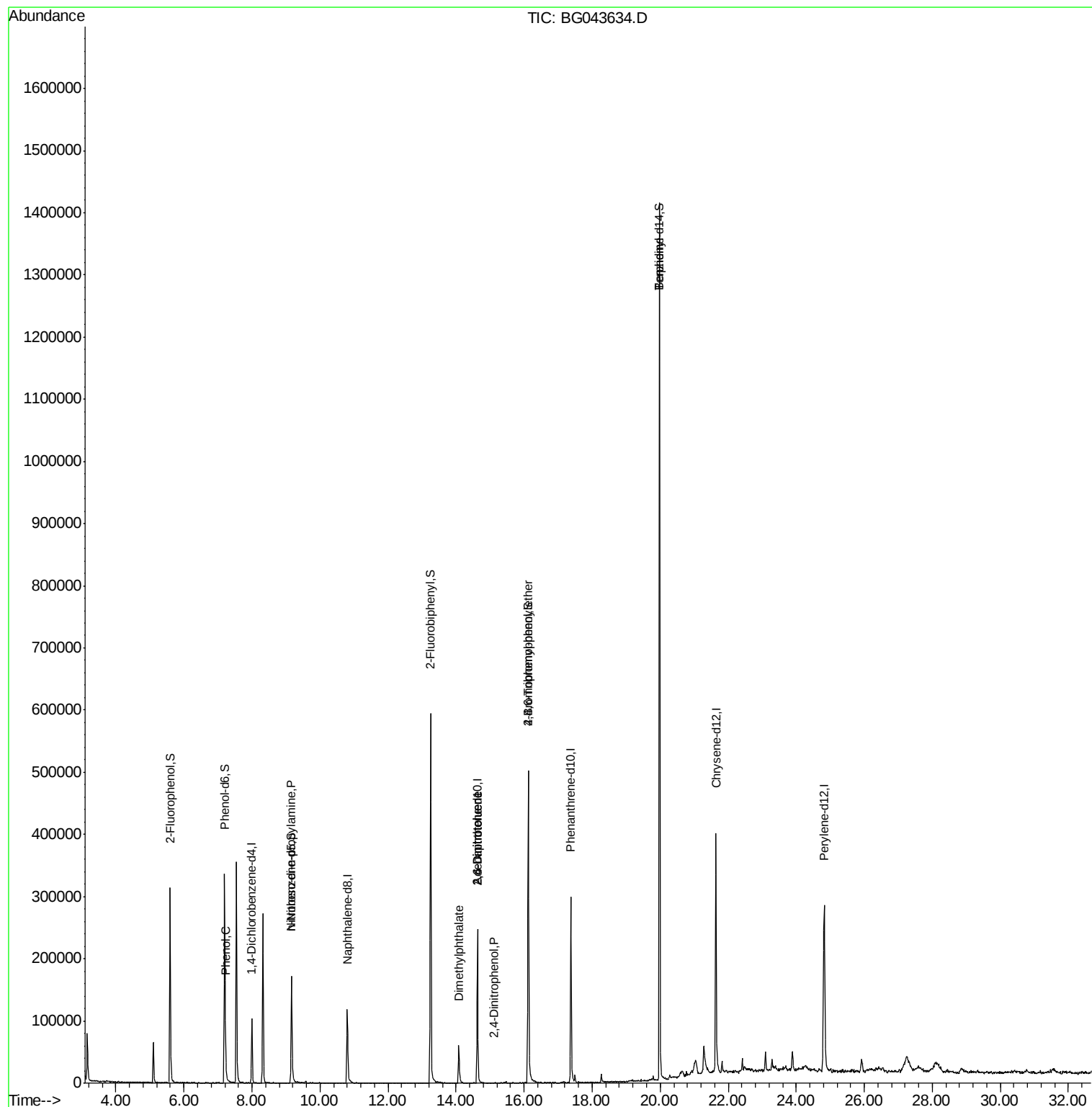
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	32021	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	125231	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	96083	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	240320	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	258240	20.00	ng	-0.02
87) Perylene-d12	24.82	264	306408	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	151879	86.91	ng	0.00
7) Phenol-d6	7.20	99	216741	86.21	ng	0.00
23) Nitrobenzene-d5	9.16	82	126583	52.11	ng	-0.01
42) 2,4,6-Tribromophenol	16.12	330	131506	71.92	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	370300	53.25	ng	-0.01
79) Terphenyl-d14	19.99	244	771341	56.04	ng	-0.01
Target Compounds						
10) Phenol	7.22	94	12965	5.643	ng	86
19) n-Nitroso-di-n-propylamine	9.16	70	18571	11.431	ng	# 79
50) Dimethylphthalate	14.08	163	55263	7.426	ng	98
51) 2,6-Dinitrotoluene	14.63	165	13319	8.238	ng	# 25
54) 2,4-Dinitrophenol	15.12	184	59	7.336	ng	# 17
57) 2,4-Dinitrotoluene	14.63	165	13319	5.764	ng	# 28
67) 4-Bromophenyl-phenylether	16.12	248	8631	2.669	ng	# 1
77) Benzidine	19.99	184	10451	2.011	ng	# 84

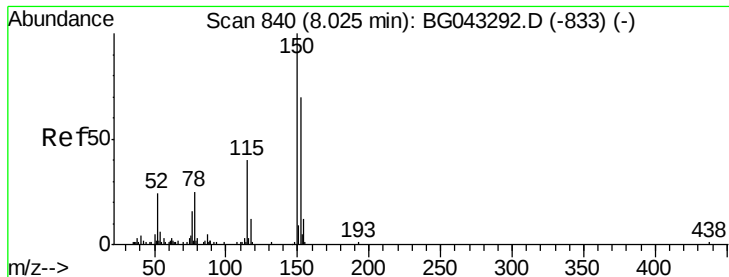
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
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Quant Time: Nov 15 00:58:08 2019
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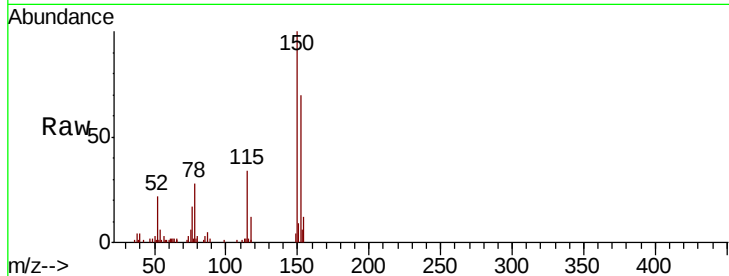


#1

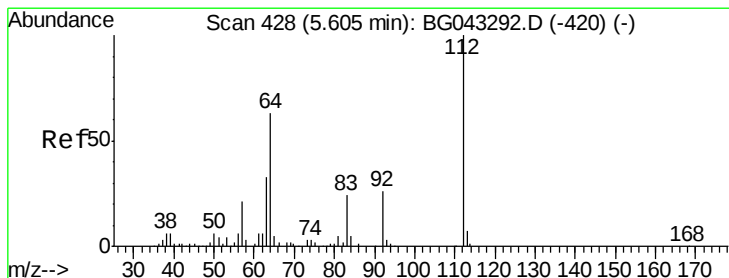
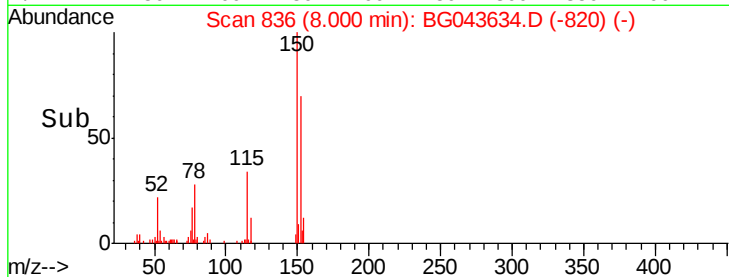
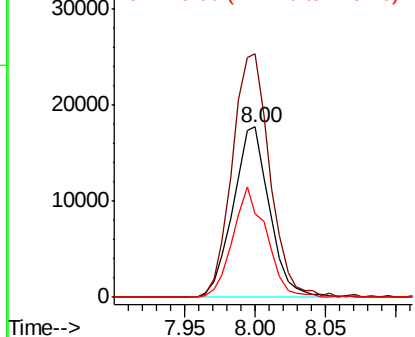
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Tot Ion:152 Resp: 32021
Ion Ratio Lower Upper
152 100
150 142.8 129.4 194.0
115 49.2 48.8 73.2



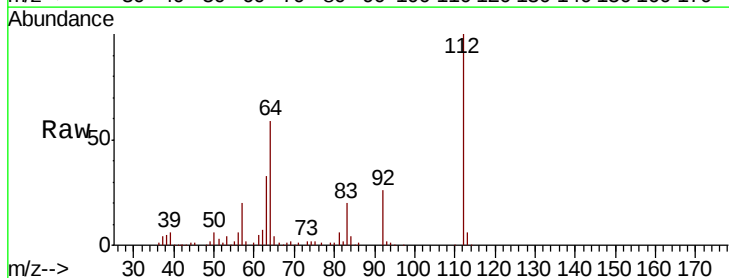
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



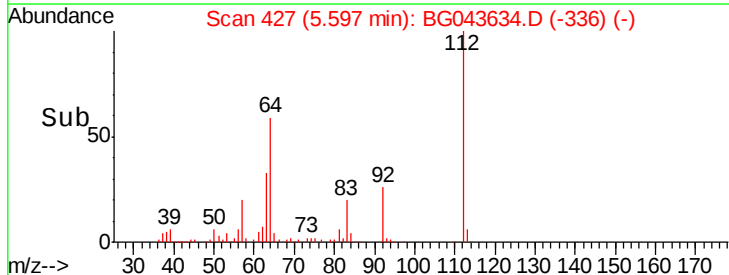
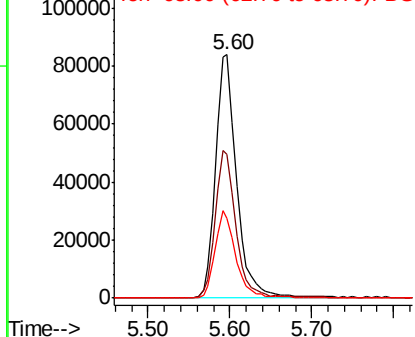
#5

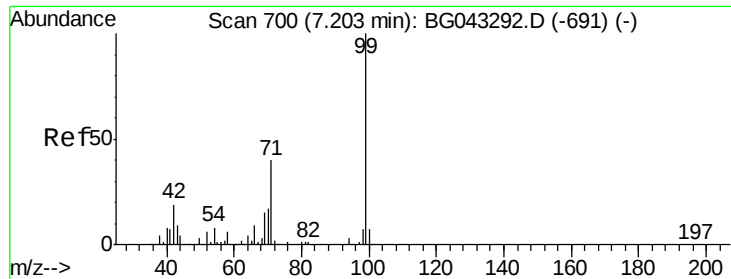
2-Fluorophenol
Concen: 86.915 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Tgt Ion:112 Resp: 151879
Ion Ratio Lower Upper
112 100
64 58.9 50.0 75.0
63 32.7 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: 86.208 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043634.D

Acq: 14 Nov 2019 15:18

Instrument :

BNA_G

ClientSampled :

TP-15-S

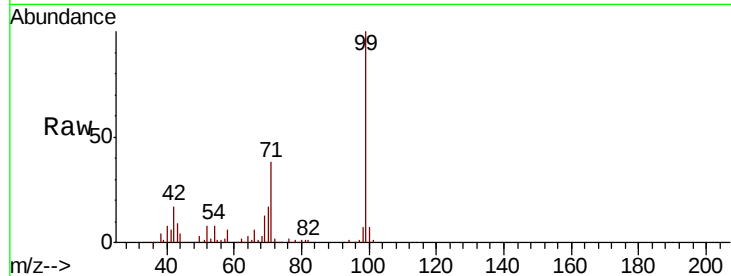
Tot Ion: 99 Resp: 216741

Ion Ratio Lower Upper

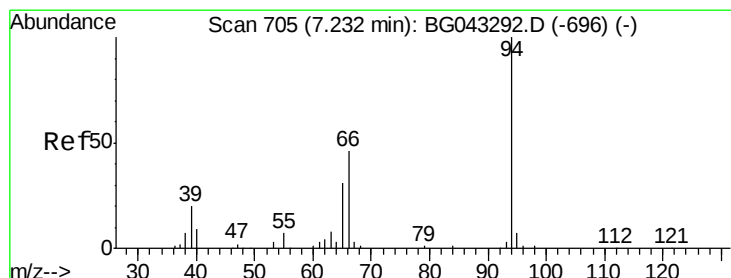
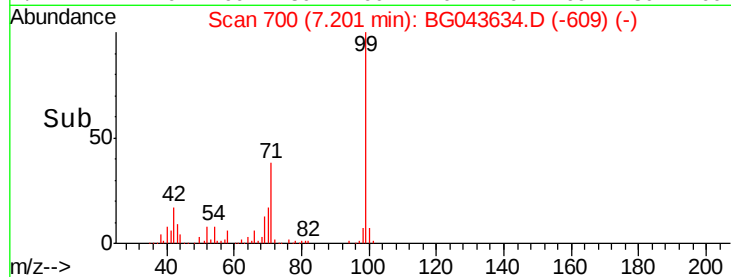
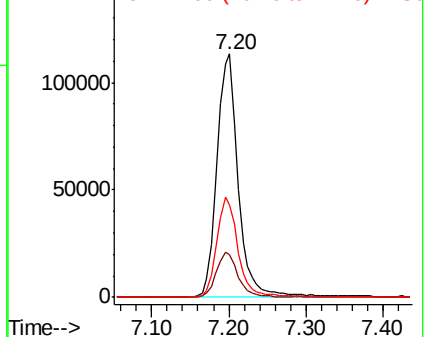
99 100

42 17.5 14.6 21.8

71 38.2 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: 5.643 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043634.D

Acq: 14 Nov 2019 15:18

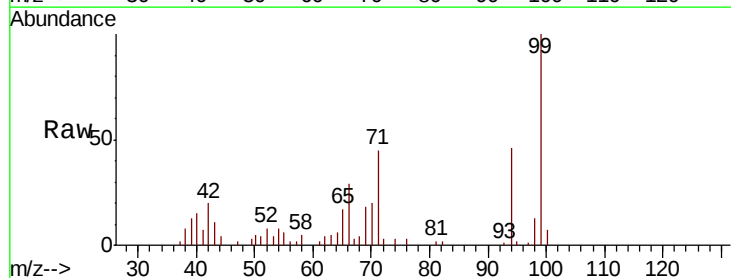
Tgt Ion: 94 Resp: 12965

Ion Ratio Lower Upper

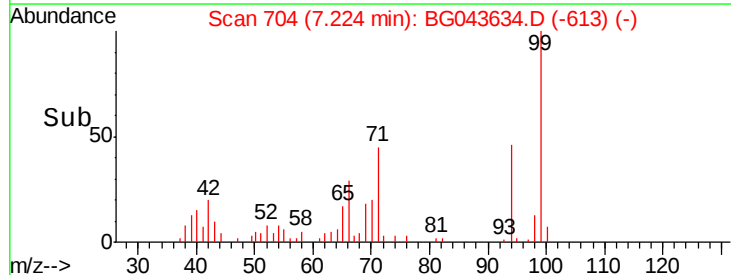
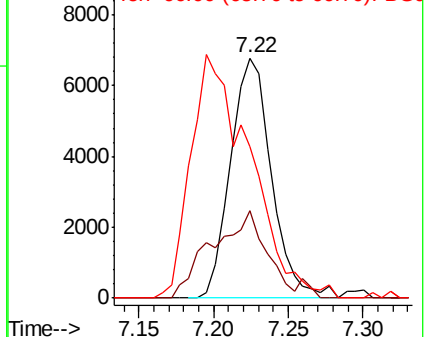
94 100

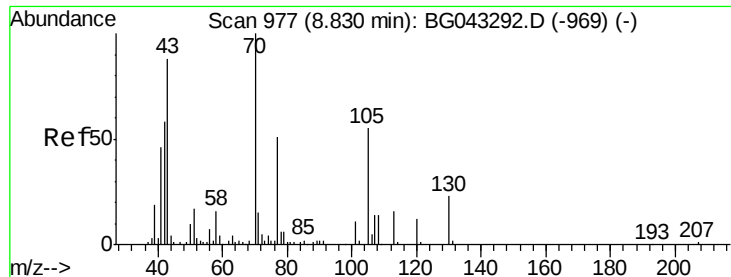
65 36.6 12.6 52.6

66 63.1 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

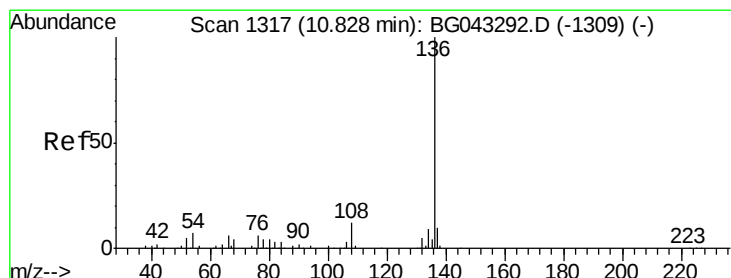
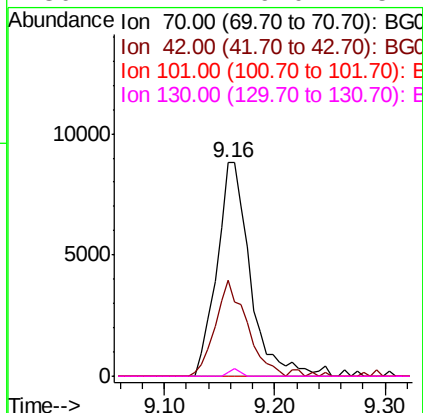
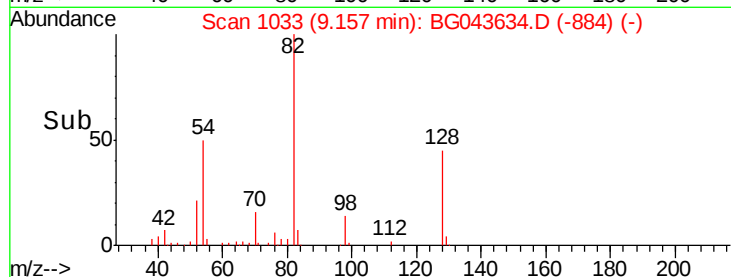
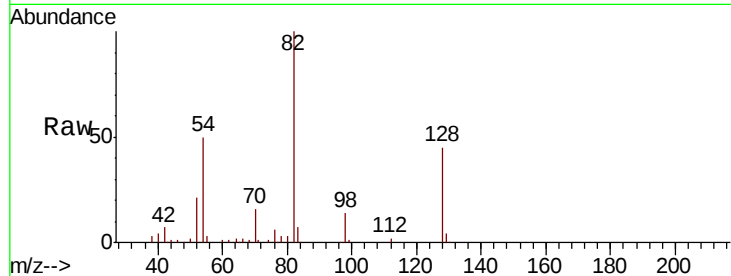




#19
n-Nitroso-di-n-propylamine
Concen: 11.431 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.34 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

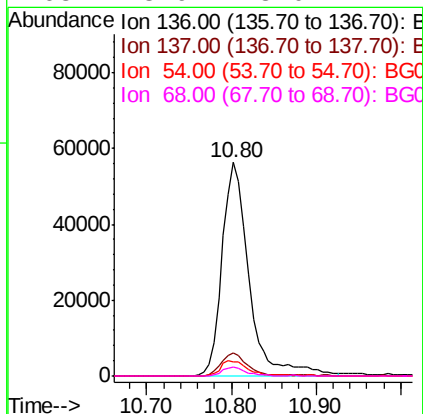
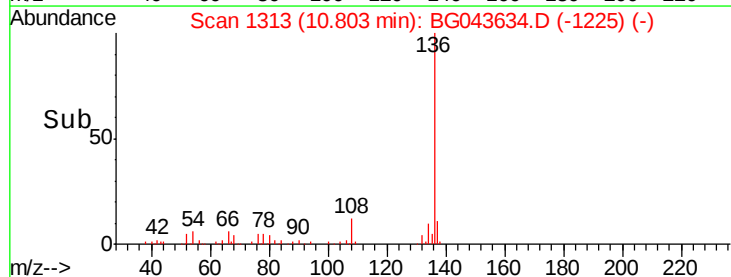
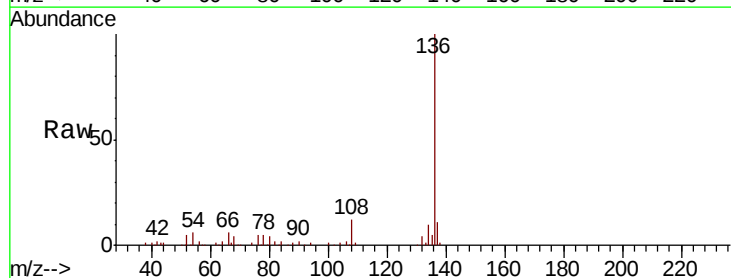
Instrument :
BNA_G
ClientSampleId :
TP-15-S

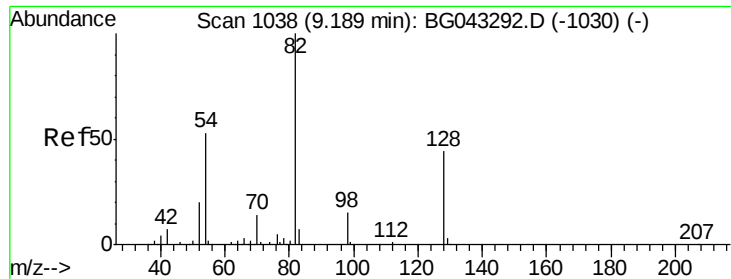
Tot Ion: 70 Resp: 18571
Ion Ratio Lower Upper
70 100
42 44.8 41.4 62.2
101 0.0 7.9 11.9#
130 2.1 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Tgt Ion:136 Resp: 125231
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.4 5.4 8.2
68 3.9 3.0 4.4

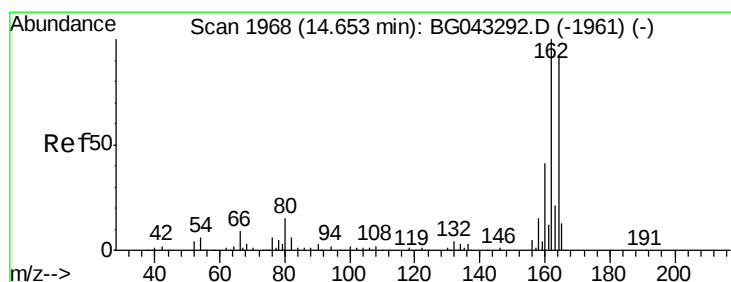
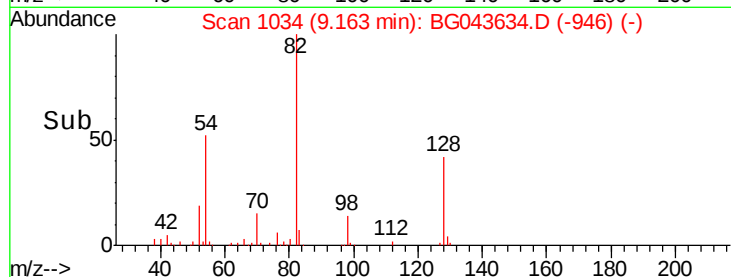
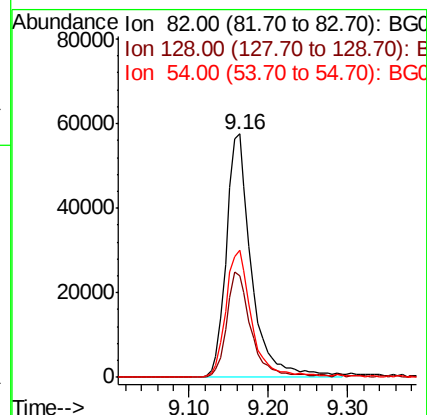
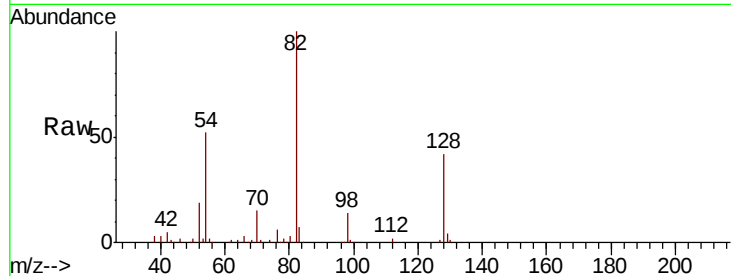




#23
Nitrobenzene-d5
Concen: 52.111 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

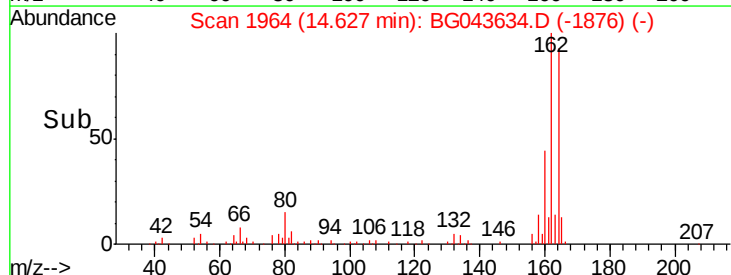
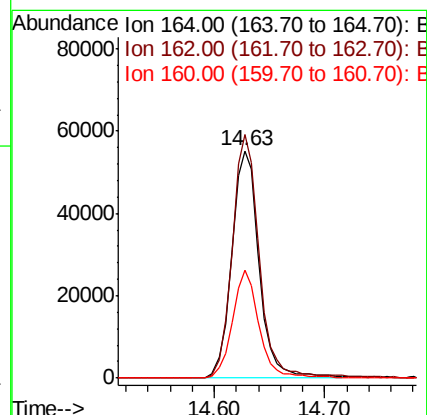
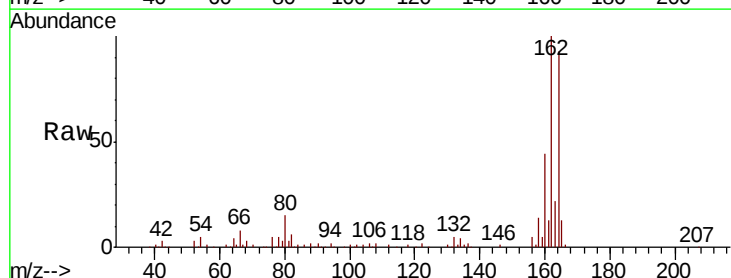
Instrument :
BNA_G
ClientSampleId :
TP-15-S

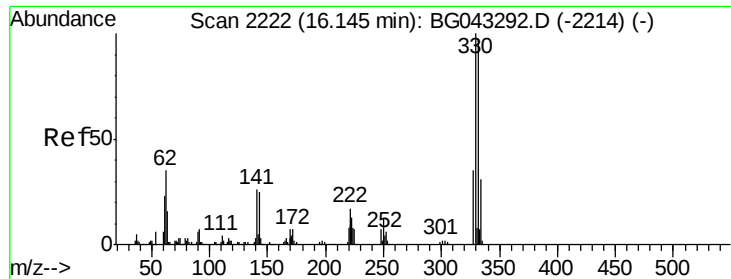
Tot Ion	82	Resp	126583
Ion Ratio	100	Lower	Upper
128	41.8	35.0	52.6
54	52.4	40.2	60.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Tgt Ion	164	Resp	96083
Ion Ratio	100	Lower	Upper
162	107.0	83.5	125.3
160	47.4	36.5	54.7





#42

2,4,6-Tribromophenol

Concen: 71.922 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG043634.D

Acq: 14 Nov 2019 15:18

Instrument :

BNA_G

ClientSampleId :

TP-15-S

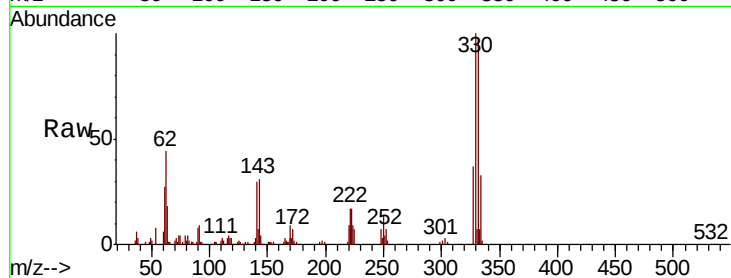
Tot Ion:330 Resp: 131506

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.0

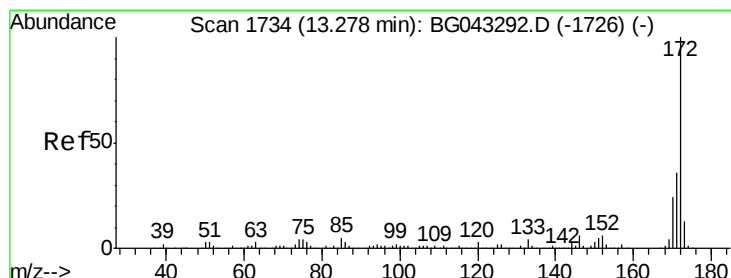
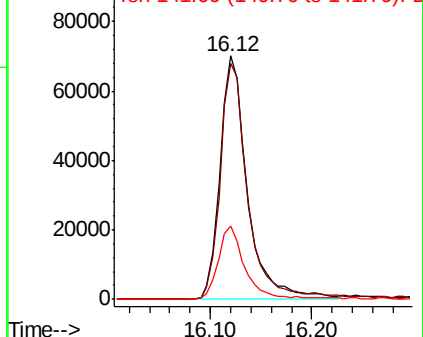
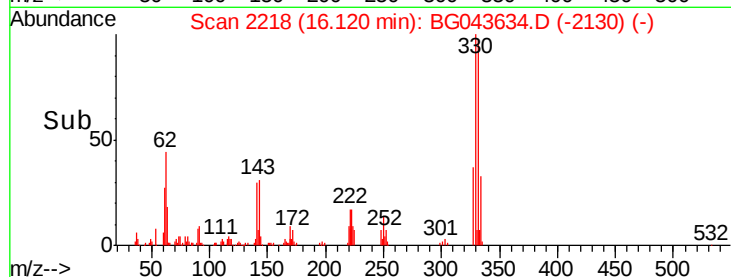
141 28.9 22.8 34.2



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: 53.254 ng

RT: 13.25 min Scan# 1730

Delta R.T. -0.01 min

Lab File: BG043634.D

Acq: 14 Nov 2019 15:18

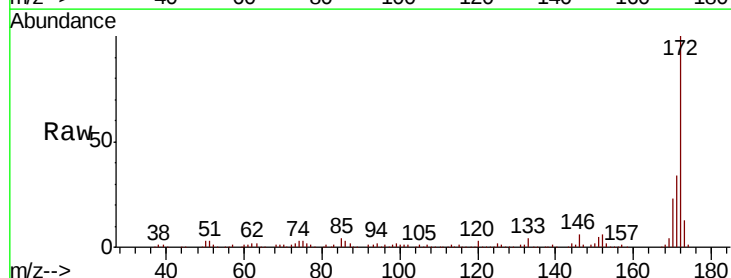
Tgt Ion:172 Resp: 370300

Ion Ratio Lower Upper

172 100

171 33.7 28.9 43.3

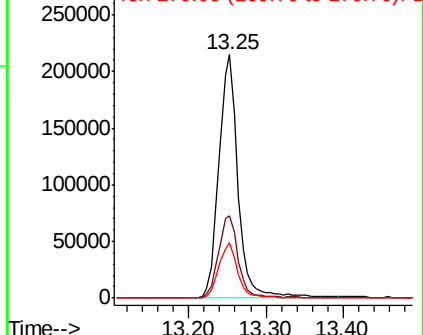
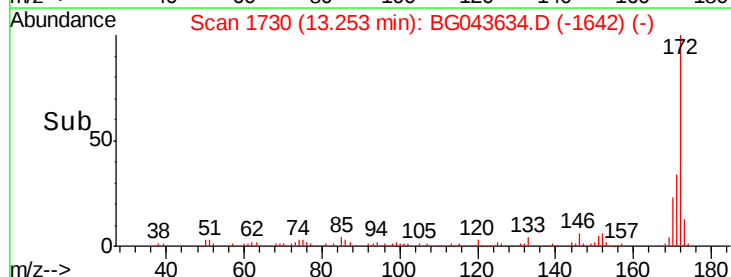
170 22.6 18.5 27.7

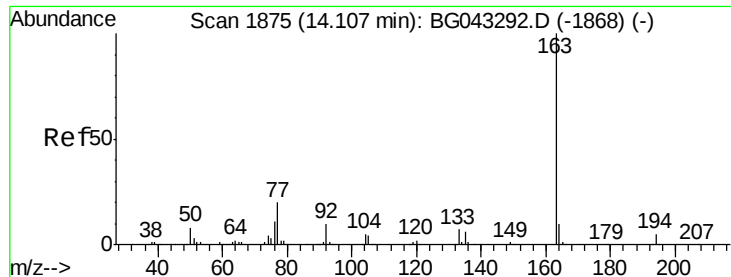


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

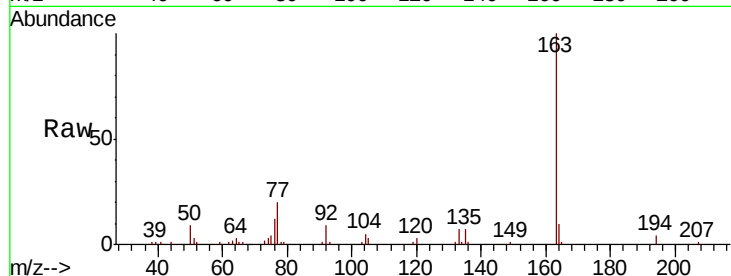




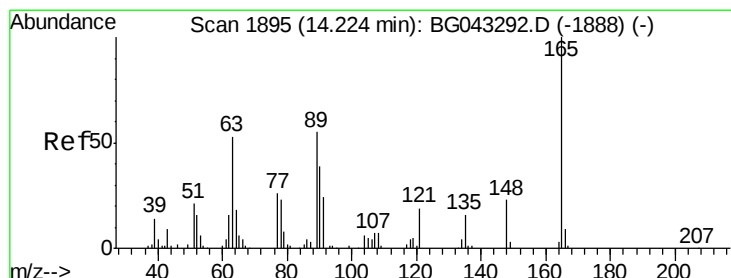
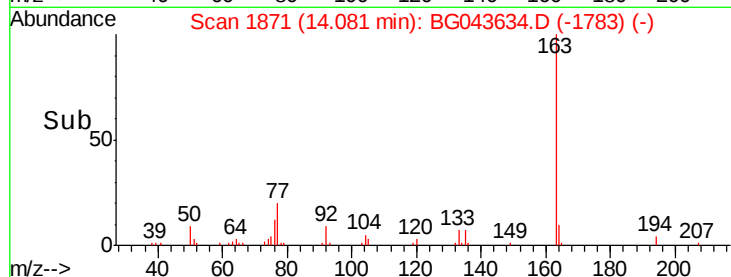
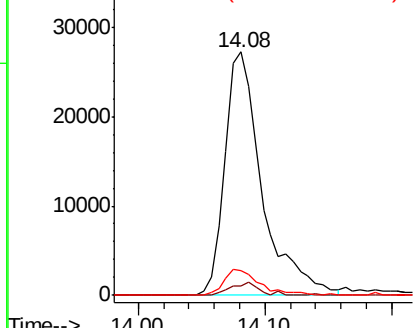
#50
Dimethylphthalate
Concen: 7.426 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Tot Ion:163 Resp: 55263
Ion Ratio Lower Upper
163 100
194 3.9 3.8 5.6
164 10.3 8.9 13.3

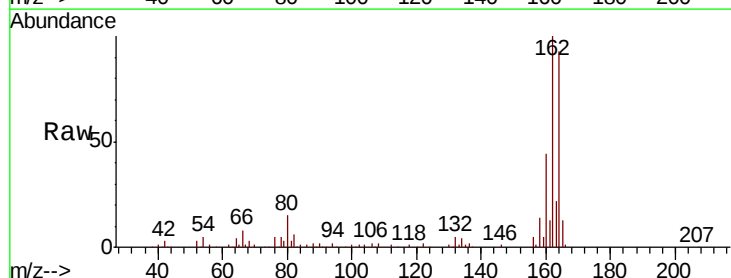


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

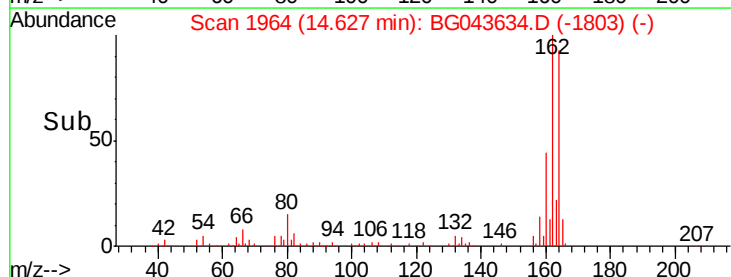
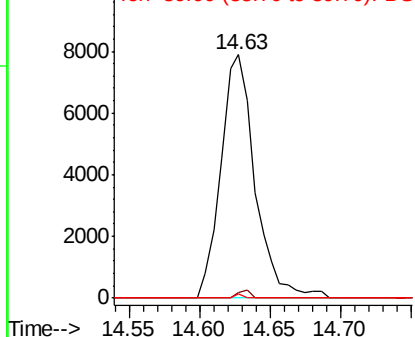


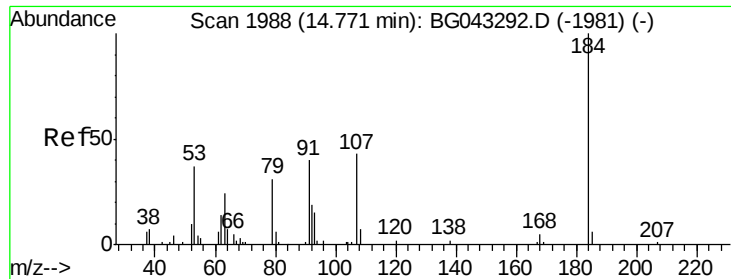
#51
2,6-Dinitrotoluene
Concen: 8.238 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.42 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Tgt Ion:165 Resp: 13319
Ion Ratio Lower Upper
165 100
63 2.4 46.6 69.8#
89 2.0 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

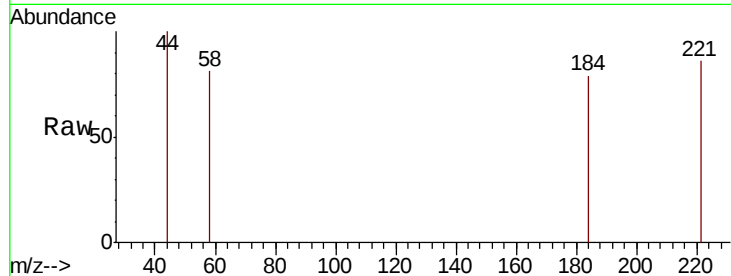




#54
 2,4-Dinitrophenol
 Concen: 7.336 ng
 RT: 15.12 min Scan# 2047
 Delta R.T. 0.36 min
 Lab File: BG043634.D
 Acq: 14 Nov 2019 15:18

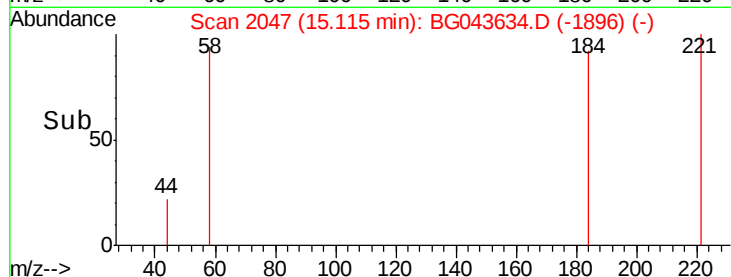
Instrument :
 BNA_G
 ClientSampleId :
 TP-15-S

Tot Ion:184 Resp: 59
 Ion Ratio Lower Upper
 184 100
 63 0.0 51.3 76.9#
 154 0.0 55.4 83.0#

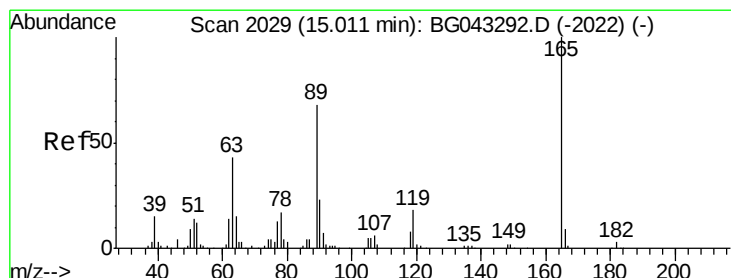


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

15.12

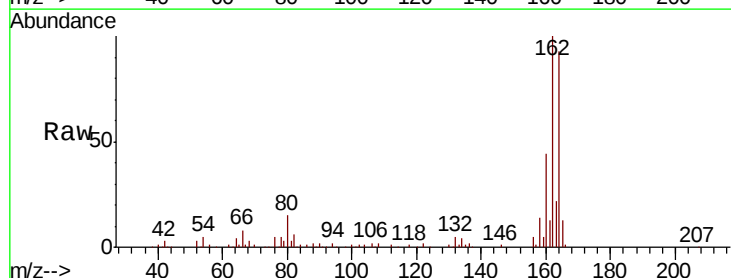


Time-->



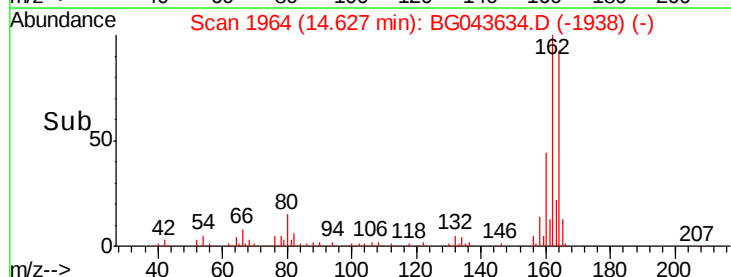
#57
 2,4-Dinitrotoluene
 Concen: 5.764 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.38 min
 Lab File: BG043634.D
 Acq: 14 Nov 2019 15:18

Tgt Ion:165 Resp: 13319
 Ion Ratio Lower Upper
 165 100
 63 2.4 33.2 49.8#
 89 2.0 52.2 78.4#
 182 0.0 2.0 3.0#

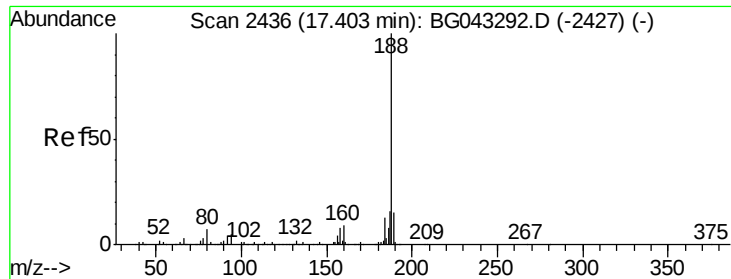


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

14.63



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG043634.D

Acq: 14 Nov 2019 15:18

Instrument :

BNA_G

ClientSampleId :

TP-15-S

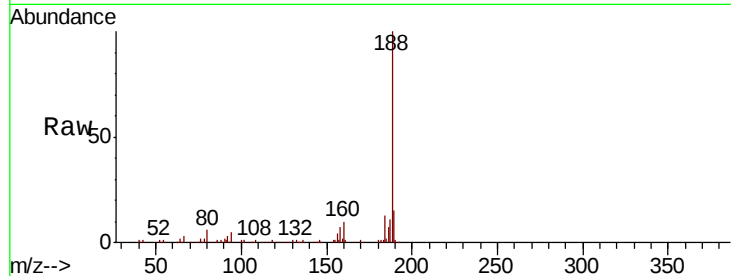
Tot Ion:188 Resp: 240320

Ion Ratio Lower Upper

188 100

94 5.5 4.2 6.4

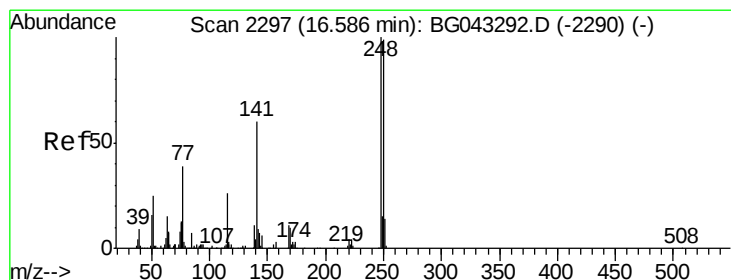
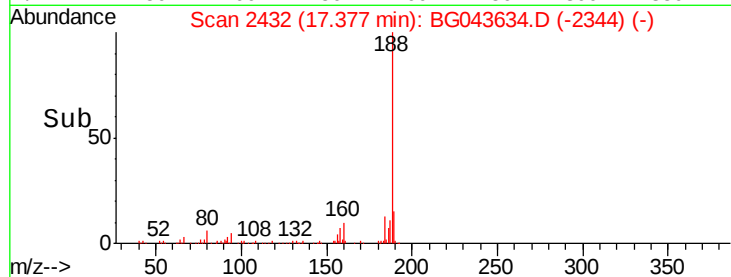
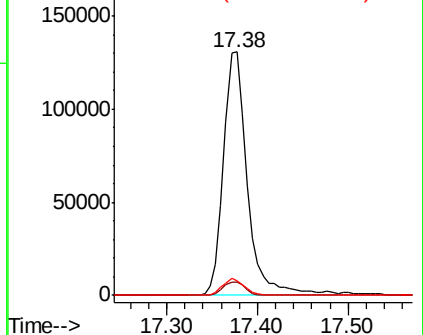
80 6.2 4.5 6.7



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: 2.669 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.45 min

Lab File: BG043634.D

Acq: 14 Nov 2019 15:18

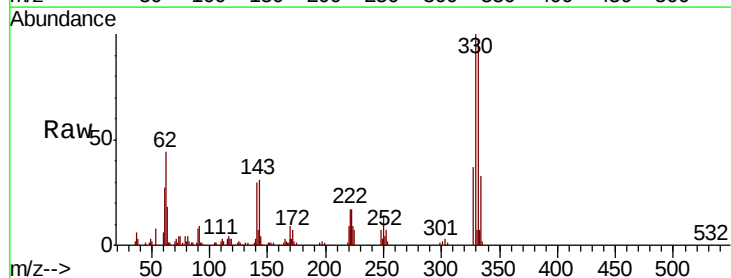
Tgt Ion:248 Resp: 8631

Ion Ratio Lower Upper

248 100

250 192.8 77.0 115.4#

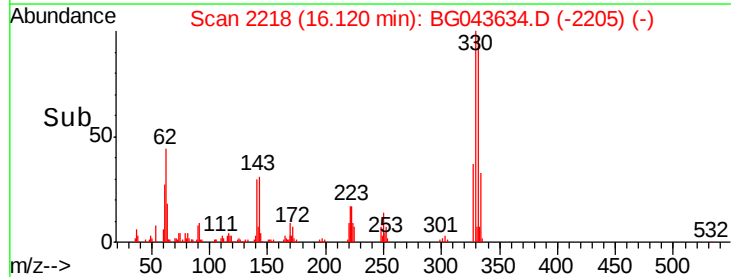
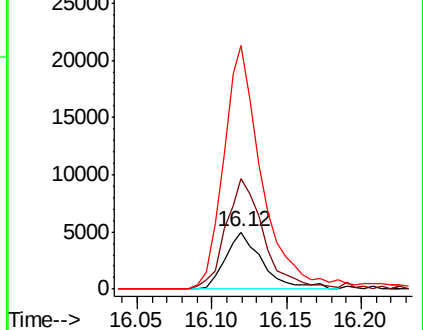
141 427.0 47.5 71.3#

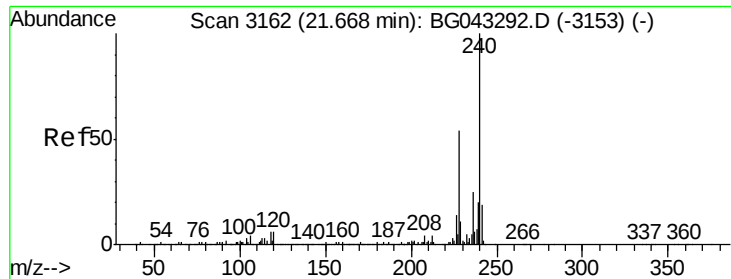


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG043634.D

Acq: 14 Nov 2019 15:18

Instrument :

BNA_G

ClientSampleId :

TP-15-S

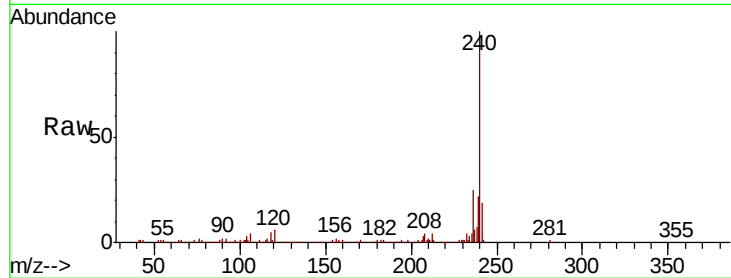
Tot Ion:240 Resp: 258240

Ion Ratio Lower Upper

240 100

120 5.6 4.6 6.8

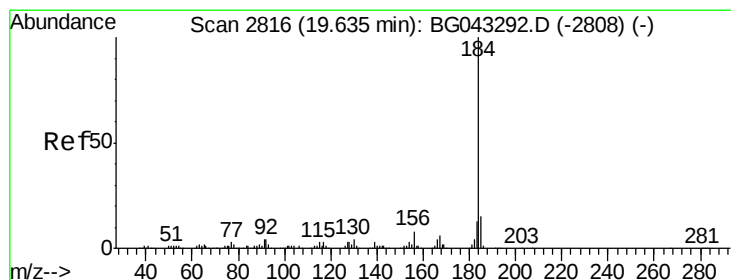
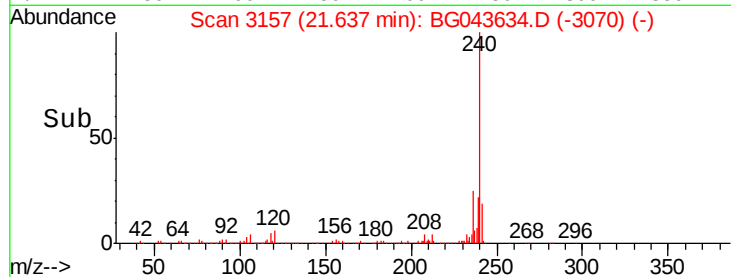
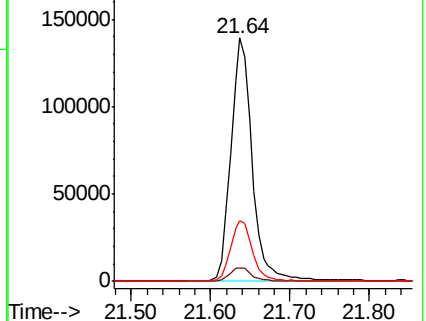
236 25.1 19.8 29.8



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: 2.011 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.36 min

Lab File: BG043634.D

Acq: 14 Nov 2019 15:18

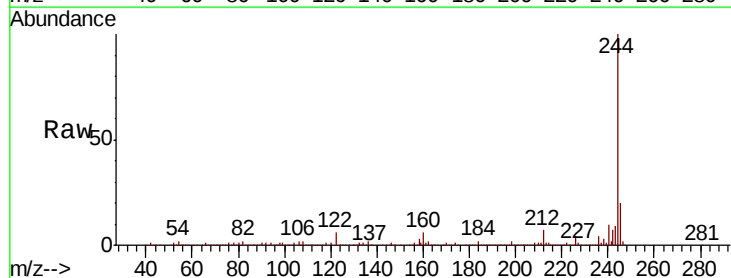
Tgt Ion:184 Resp: 10451

Ion Ratio Lower Upper

184 100

185 12.7 11.0 16.4

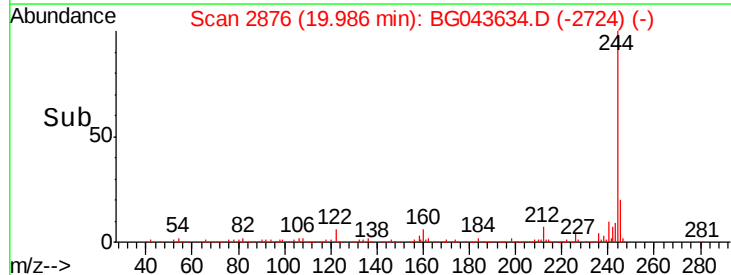
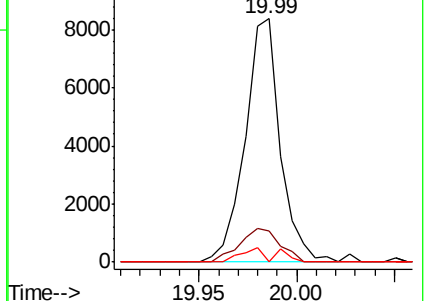
183 0.0 10.0 15.0#

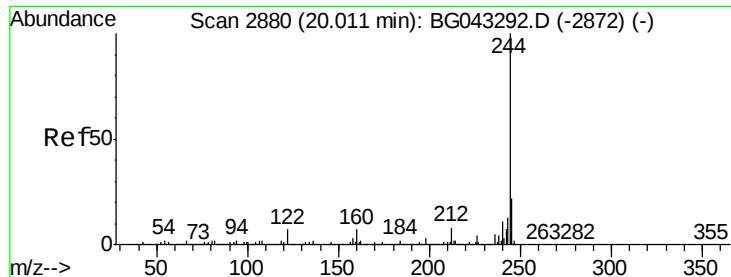


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 56.036 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043634.D

Acq: 14 Nov 2019 15:18

Instrument :

BNA_G

ClientSampleId :

TP-15-S

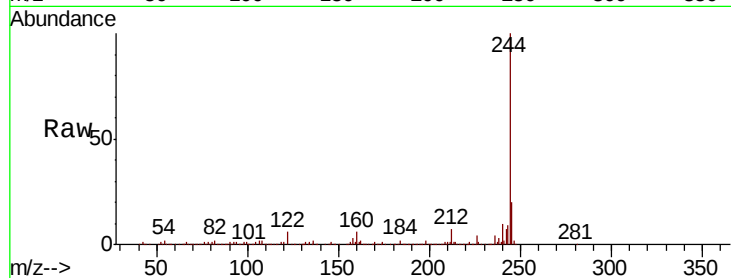
Tot Ion:244 Resp: 771341

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

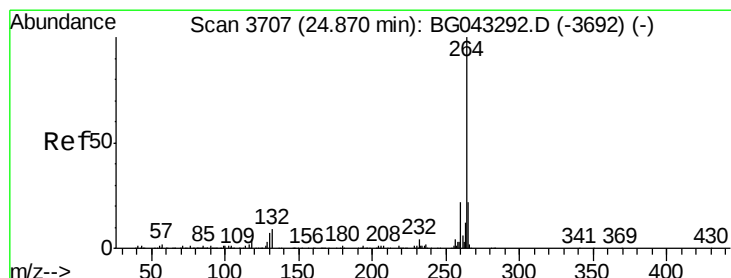
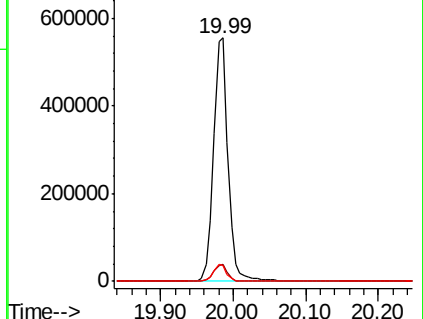
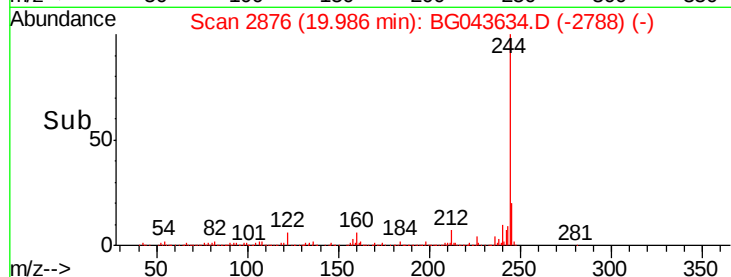
122 6.4 5.4 8.2



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: 24.82 min Scan# 3699

Delta R.T. -0.03 min

Lab File: BG043634.D

Acq: 14 Nov 2019 15:18

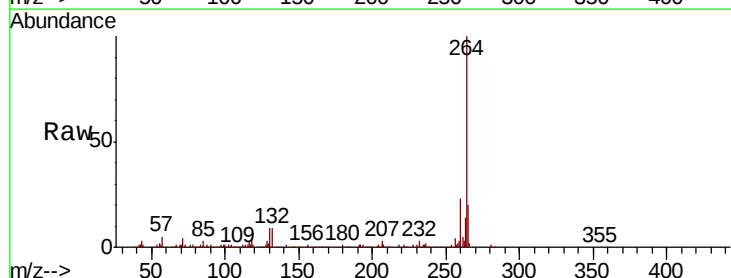
Tgt Ion:264 Resp: 306408

Ion Ratio Lower Upper

264 100

260 22.6 17.5 26.3

265 20.2 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

