

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
 Data File : BG043485.D
 Acq On : 4 Nov 2019 17:50
 Operator : JU
 Sample : K5623-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 05 00:56:18 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

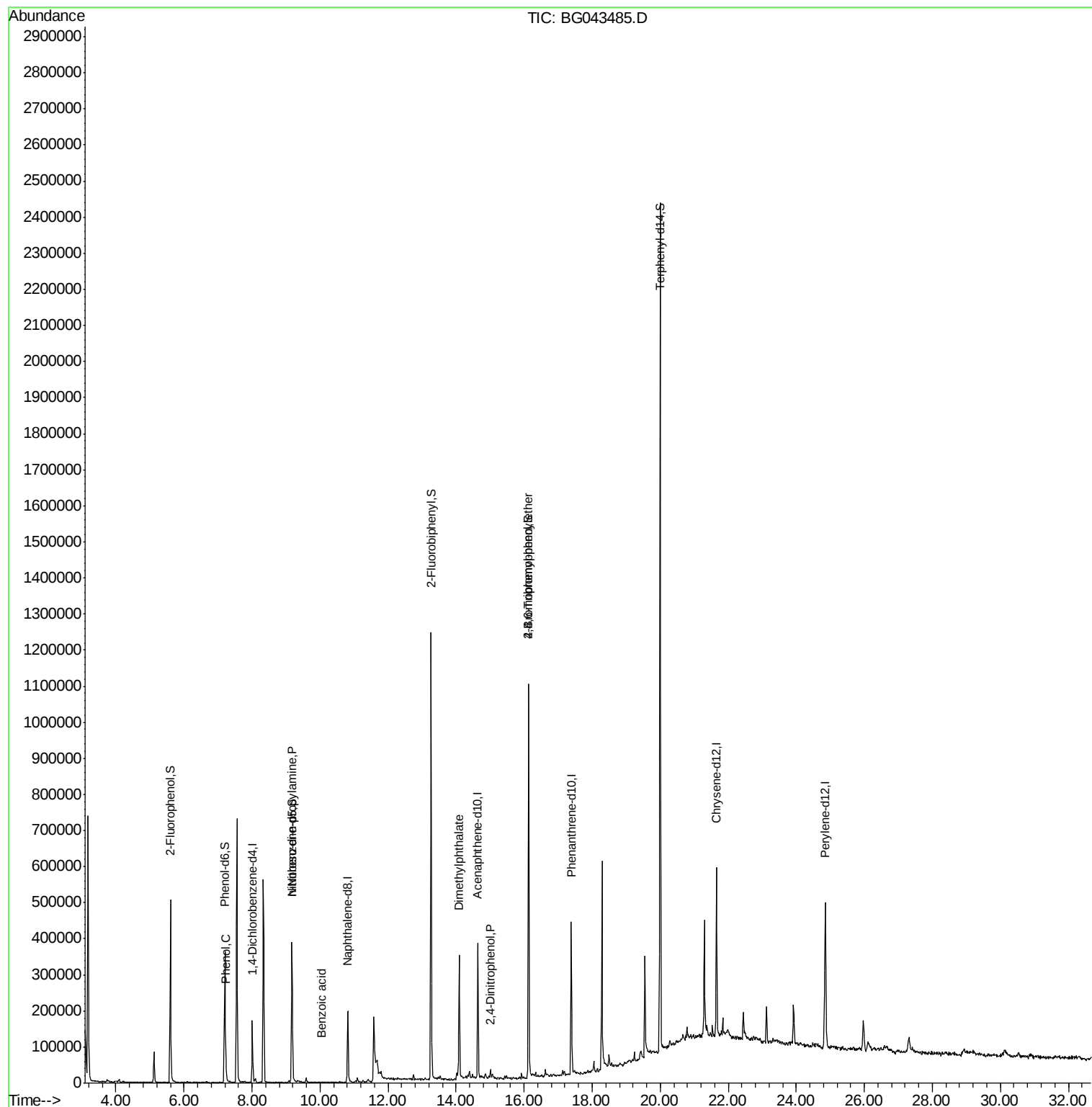
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	51035	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	194114	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	134677	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	290620	20.00	ng	0.00
76) Chrysene-d12	21.65	240	303275	20.00	ng	0.00
87) Perylene-d12	24.85	264	368617	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	246719	88.59	ng	0.00
7) Phenol-d6	7.20	99	237813	59.35	ng	0.00
23) Nitrobenzene-d5	9.17	82	267190	70.96	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	256658	100.14	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	701595	71.98	ng	0.00
79) Terphenyl-d14	20.00	244	1214531	75.13	ng	0.00
Target Compounds						
10) Phenol	7.22	94	43764	11.952	ng	94
19) n-Nitroso-di-n-propylamine	9.17	70	35701	13.788	ng	# 80
32) Benzoic acid	10.06	122	75	9.081	ng	# 1
50) Dimethylphthalate	14.09	163	239195	22.930	ng	97
54) 2,4-Dinitrophenol	15.01	184	54	7.317	ng	# 32
67) 4-Bromophenyl-phenylether	16.13	248	16332	4.176	ng	# 1

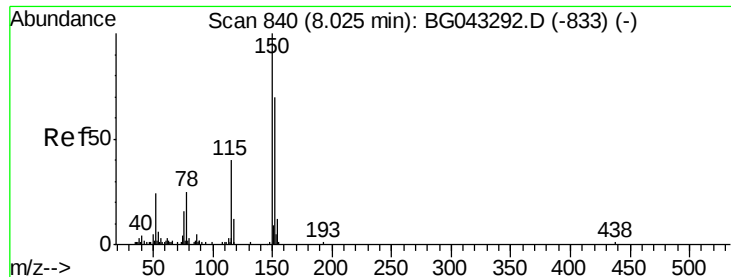
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration



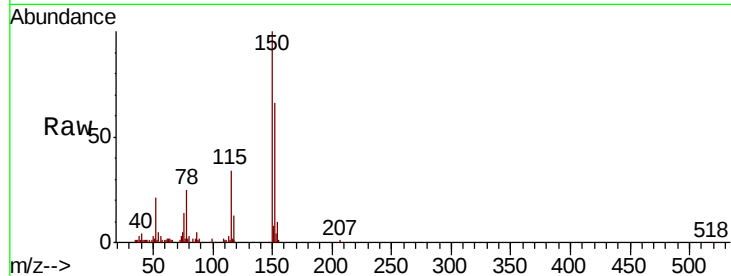


#1

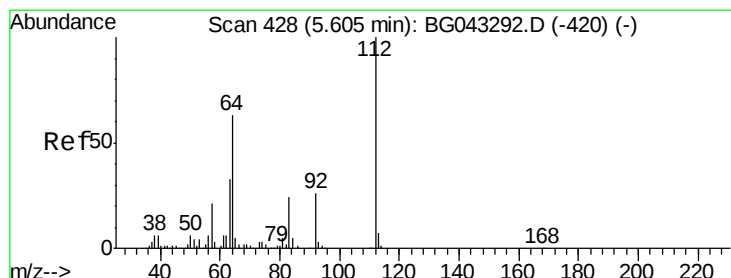
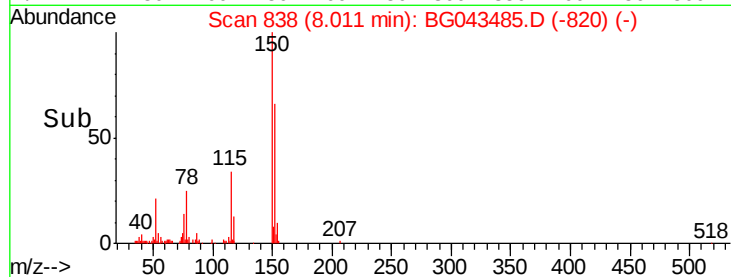
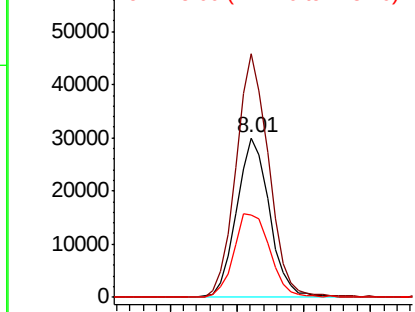
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043485.D
Acq: 4 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 51035
Ion Ratio Lower Upper
152 100
150 152.5 129.4 194.0
115 51.3 48.8 73.2



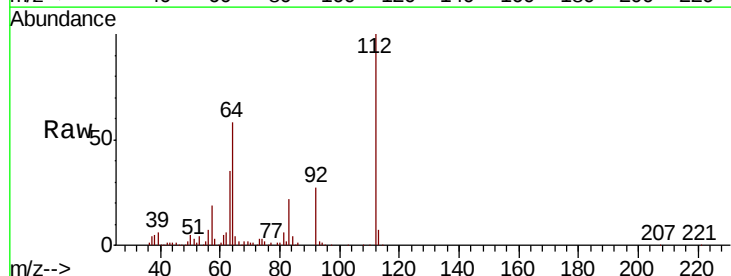
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



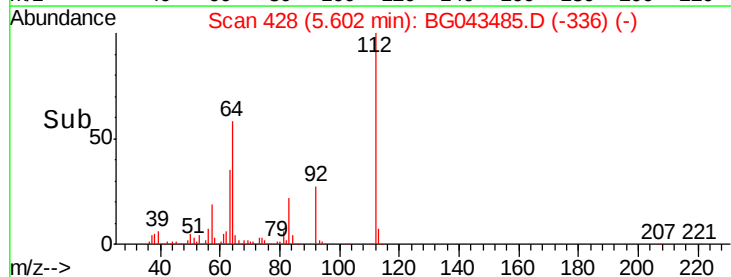
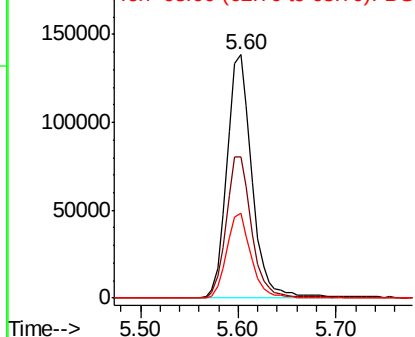
#5

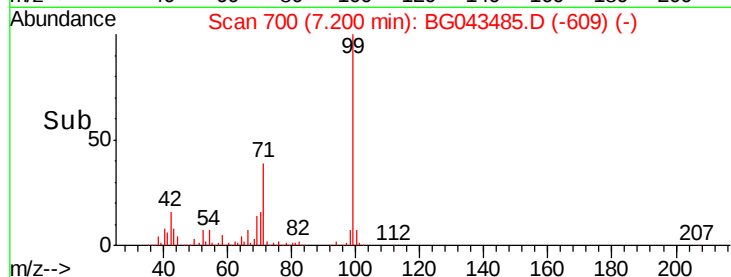
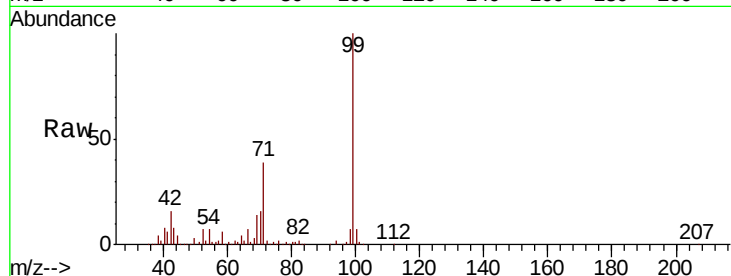
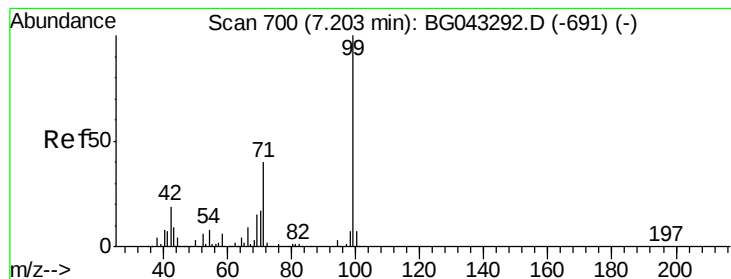
2-Fluorophenol
Concen: 88.586 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043485.D
Acq: 4 Nov 2019 17:50

Tgt Ion:112 Resp: 246719
Ion Ratio Lower Upper
112 100
64 58.1 50.0 75.0
63 34.7 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: 59.348 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043485.D

Acq: 4 Nov 2019 17:50

Instrument :

BNA_G

ClientSampleId :

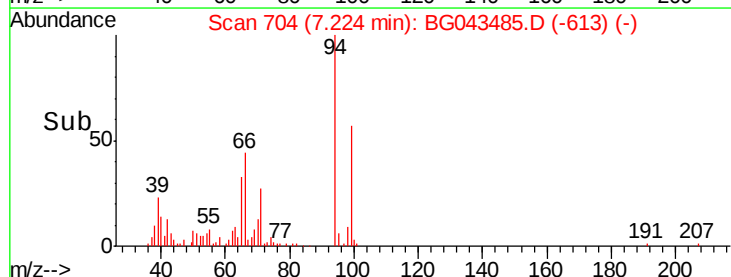
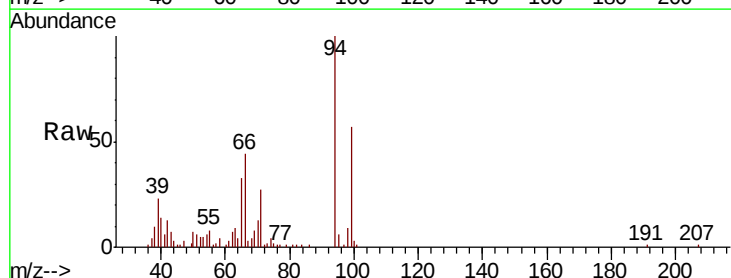
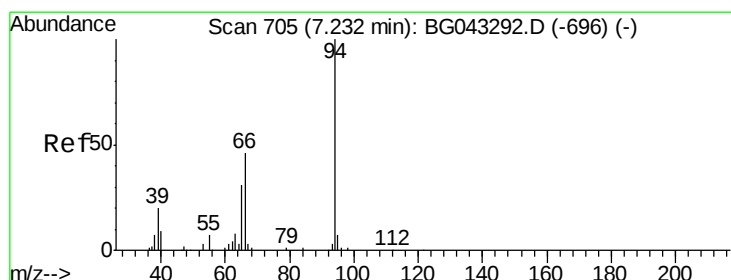
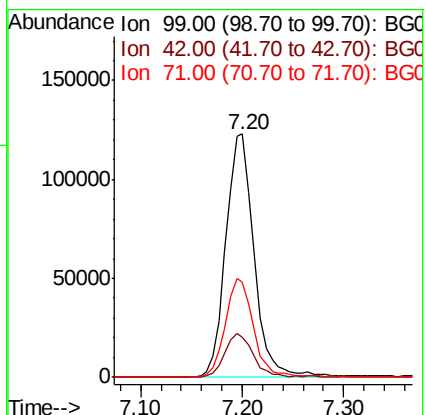
Tot Ion: 99 Resp: 237813

Ion Ratio Lower Upper

99 100

42 16.2 14.6 21.8

71 39.1 32.5 48.7



#10

Phenol

Concen: 11.952 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043485.D

Acq: 4 Nov 2019 17:50

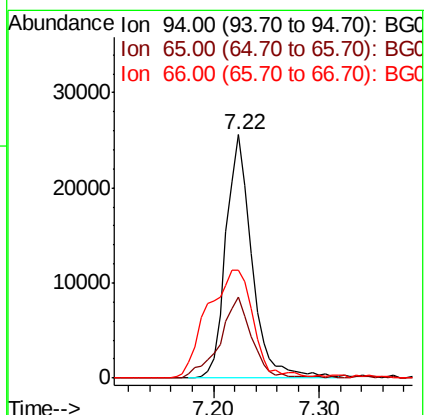
Tgt Ion: 94 Resp: 43764

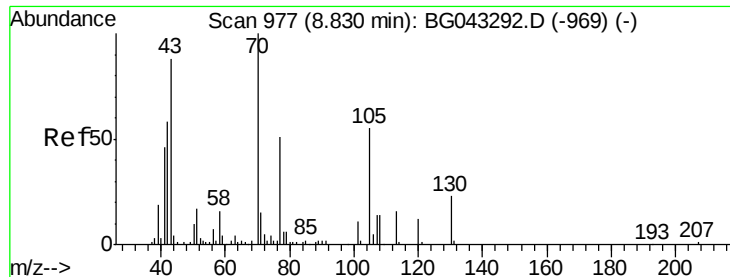
Ion Ratio Lower Upper

94 100

65 33.3 12.6 52.6

66 44.4 30.7 70.7

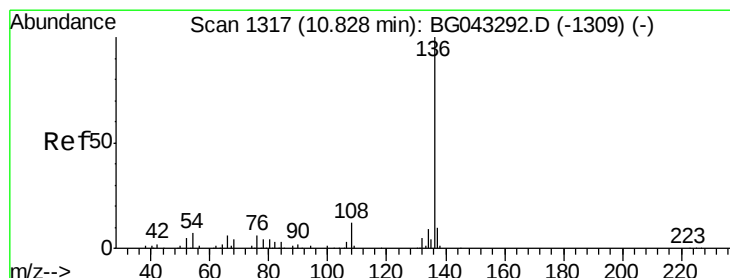
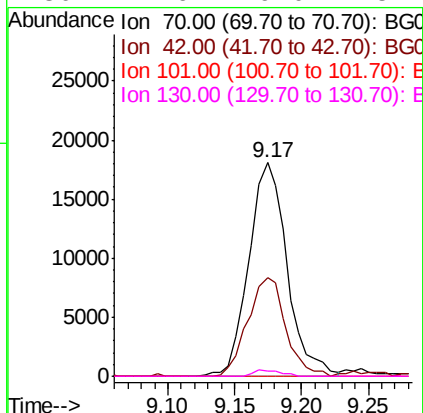
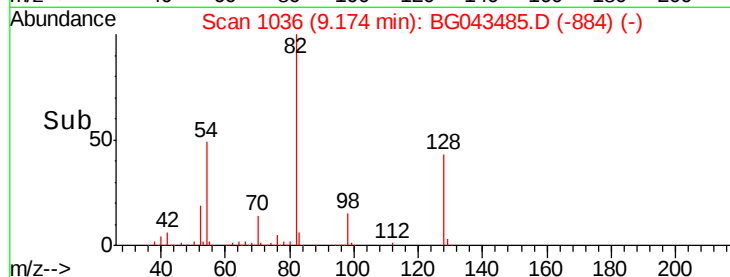
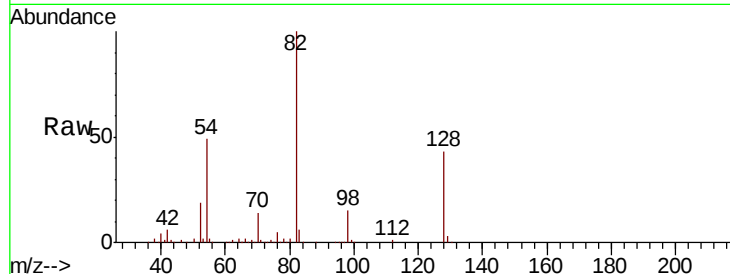




#19
n-Nitroso-di-n-propylamine
Concen: 13.788 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.36 min
Lab File: BG043485.D
Acq: 4 Nov 2019 17:50

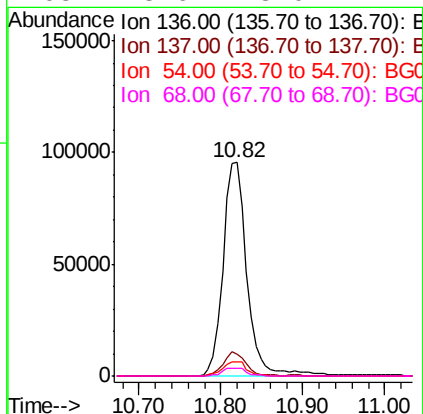
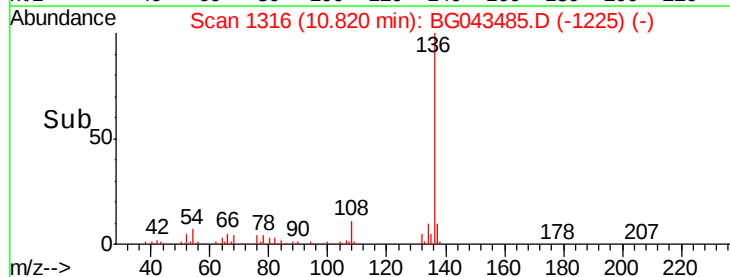
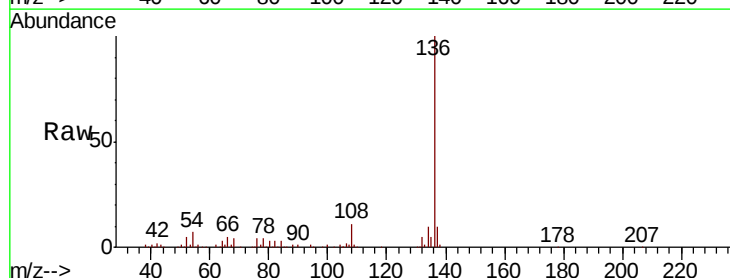
Instrument :
BNA_G
ClientSampleId :

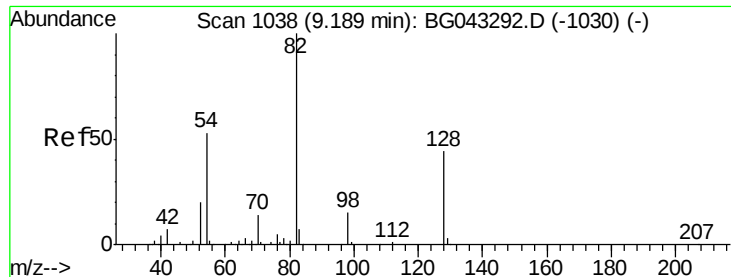
Tot Ion: 70 Resp: 35701
Ion Ratio Lower Upper
70 100
42 46.3 41.4 62.2
101 0.0 7.9 11.9#
130 2.6 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG043485.D
Acq: 4 Nov 2019 17:50

Tgt Ion: 136 Resp: 194114
Ion Ratio Lower Upper
136 100
137 9.9 8.7 13.1
54 6.9 5.4 8.2
68 3.6 3.0 4.4





#23

Nitrobenzene-d5

Concen: 70.963 ng

RT: 9.17 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BG043485.D

Acq: 4 Nov 2019 17:50

Instrument :

BNA_G

ClientSampleId :

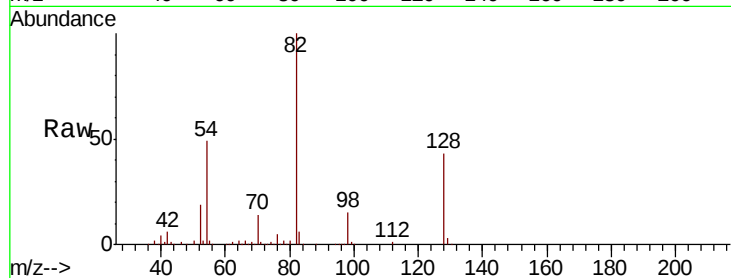
Tot Ion: 82 Resp: 267190

Ion Ratio Lower Upper

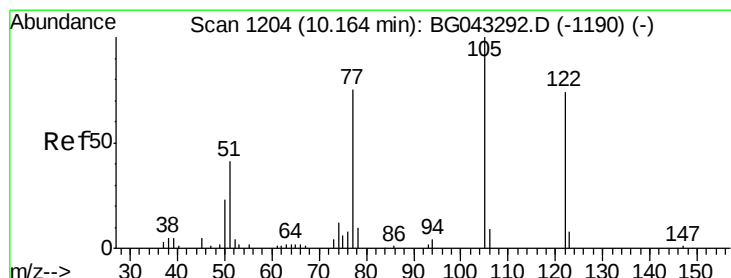
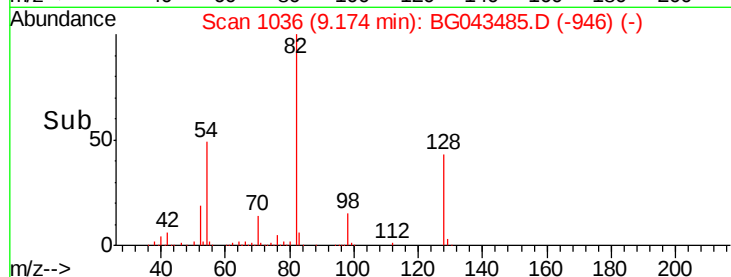
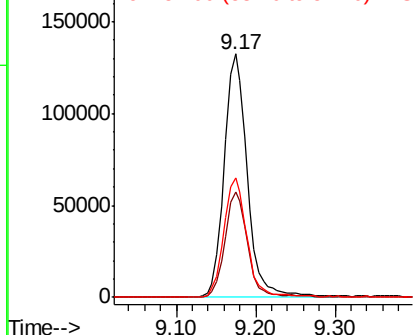
82 100

128 43.3 35.0 52.6

54 49.1 40.2 60.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#32

Benzoic acid

Concen: 9.081 ng

RT: 10.06 min Scan# 1187

Delta R.T. -0.10 min

Lab File: BG043485.D

Acq: 4 Nov 2019 17:50

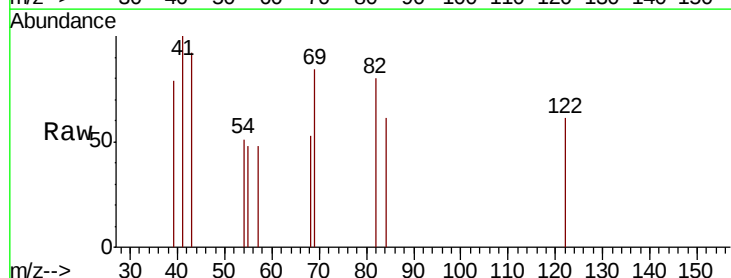
Tgt Ion: 122 Resp: 75

Ion Ratio Lower Upper

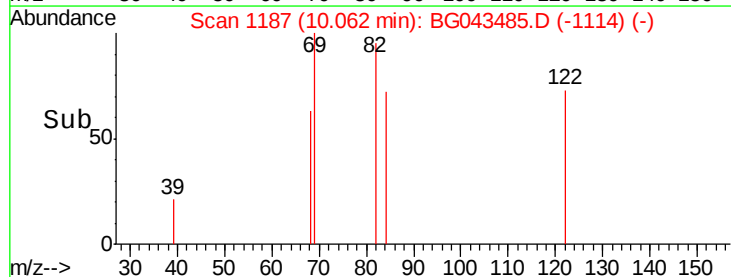
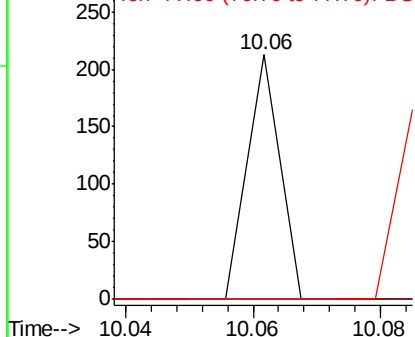
122 100

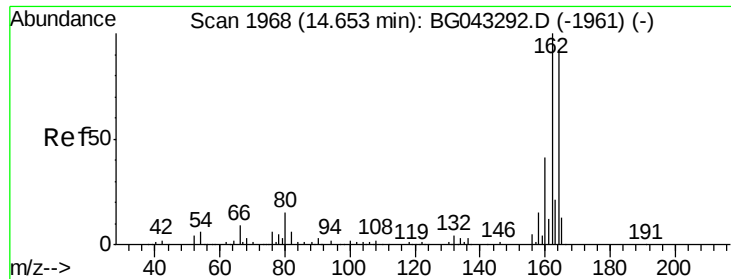
105 0.0 103.3 143.3#

77 0.0 84.9 124.9#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG043485.D

Acq: 4 Nov 2019 17:50

Instrument :

BNA_G

ClientSampled :

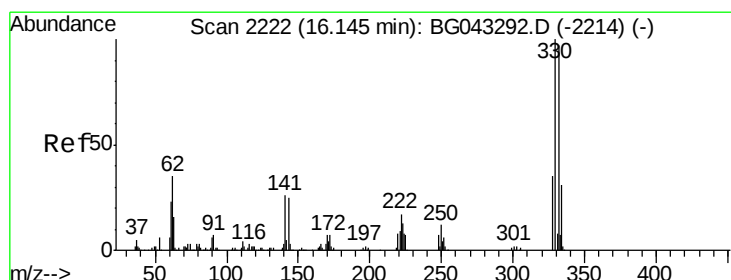
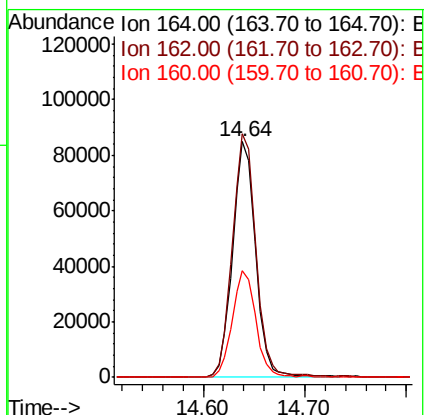
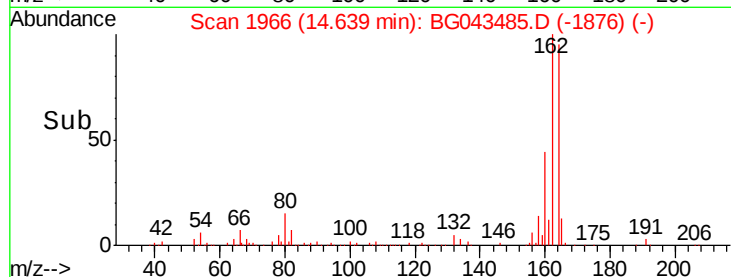
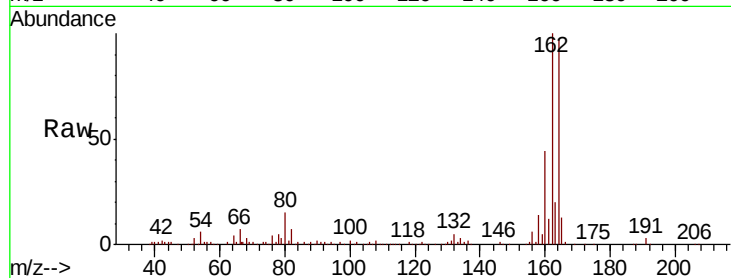
Tot Ion:164 Resp: 134677

Ion Ratio Lower Upper

164 100

162 103.3 83.5 125.3

160 45.1 36.5 54.7



#42

2,4,6-Tribromophenol

Concen: 100.143 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043485.D

Acq: 4 Nov 2019 17:50

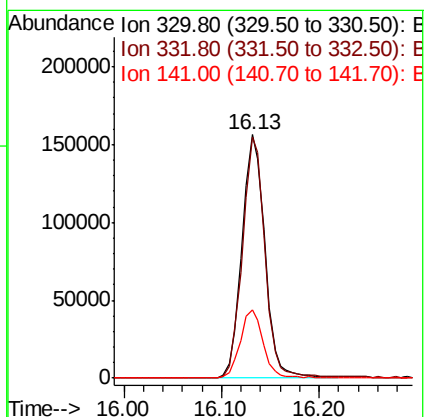
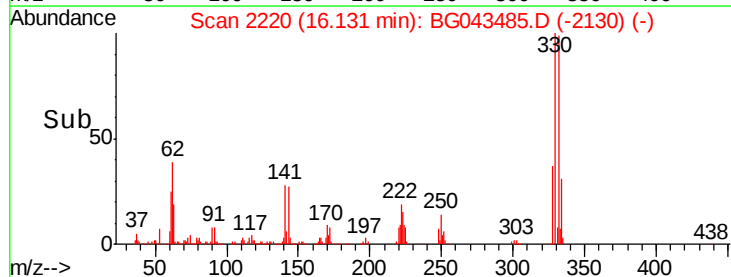
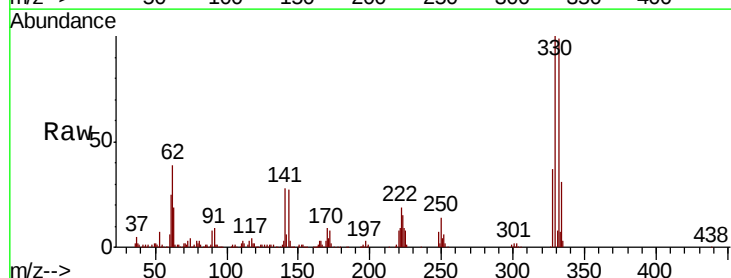
Tgt Ion:330 Resp: 256658

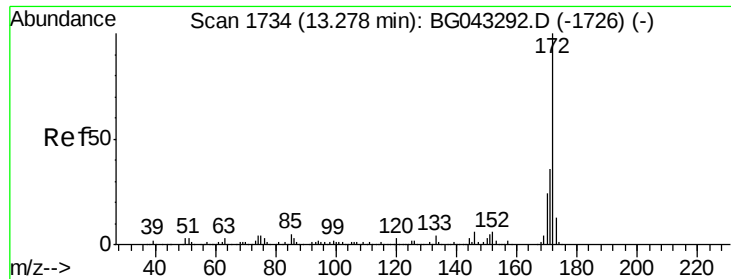
Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 28.0 22.8 34.2

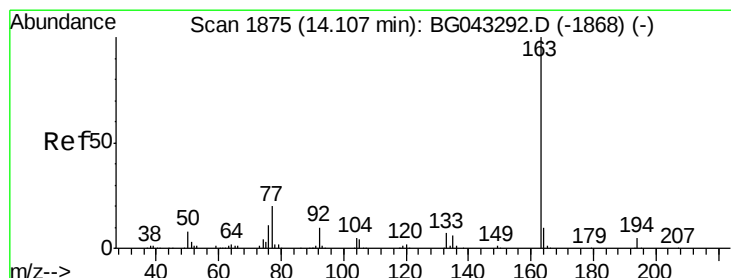
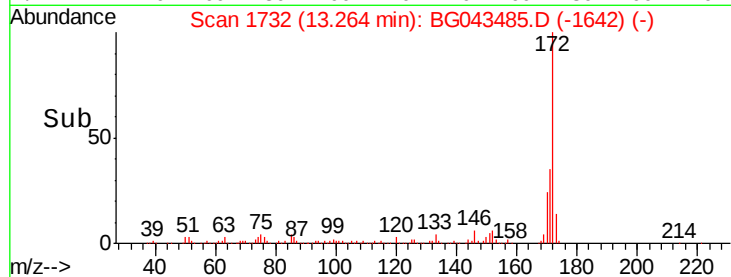
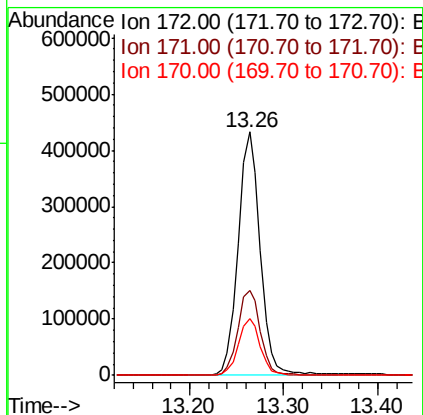
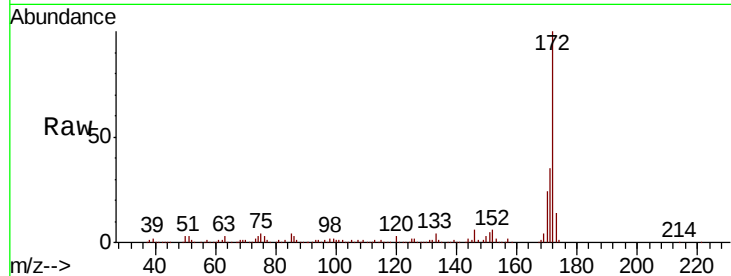




#45
2-Fluorobiphenyl
Concen: 71.985 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG043485.D
Acq: 4 Nov 2019 17:50

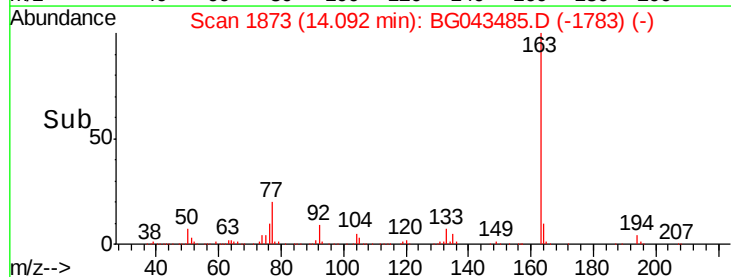
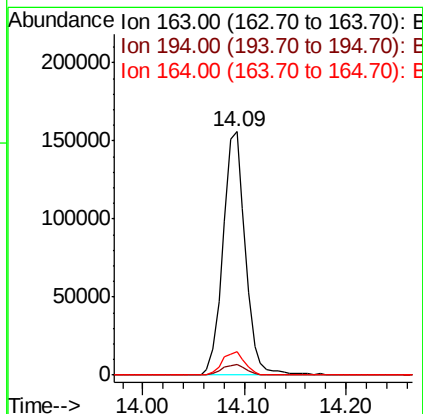
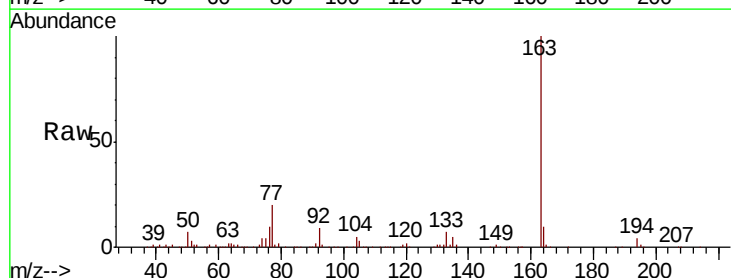
Instrument :
BNA_G
ClientSampled :

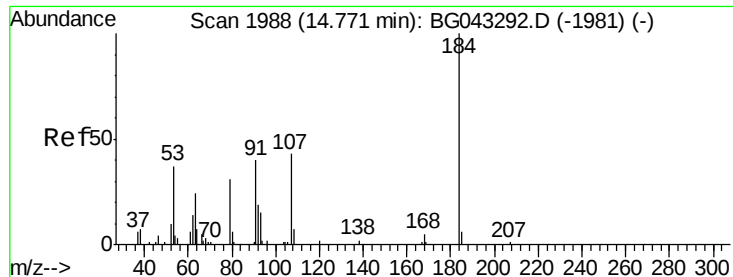
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	23.5	18.5	27.7



#50
Dimethylphthalate
Concen: 22.930 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BG043485.D
Acq: 4 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.6
164	9.7	8.9	13.3

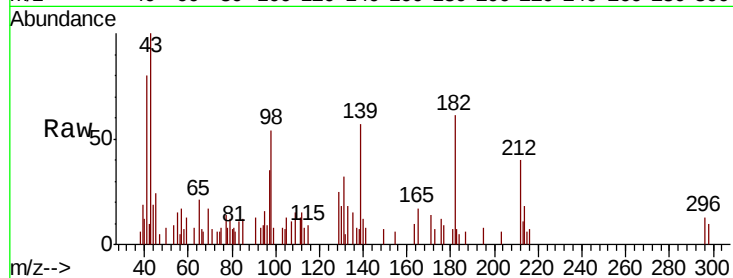




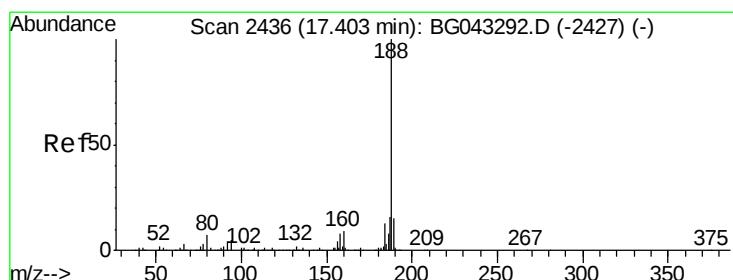
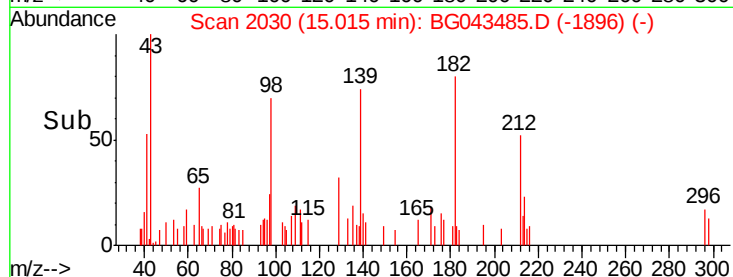
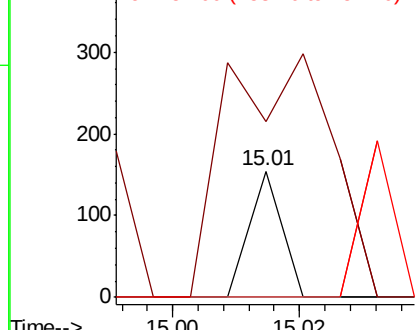
#54
 2,4-Dinitrophenol
 Concen: 7.317 ng
 RT: 15.01 min Scan# 2030
 Delta R.T. 0.26 min
 Lab File: BG043485.D
 Acq: 4 Nov 2019 17:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:184 Resp: 54
 Ion Ratio Lower Upper
 184 100
 63 139.6 51.3 76.9#
 154 103.2 55.4 83.0#

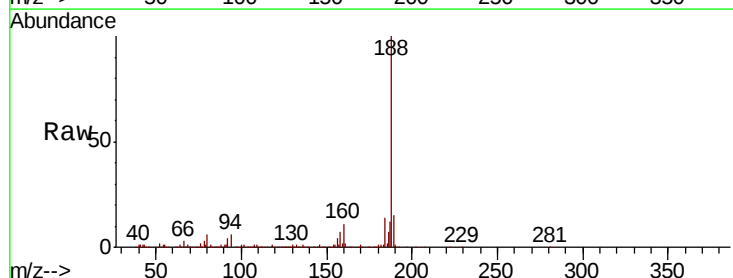


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

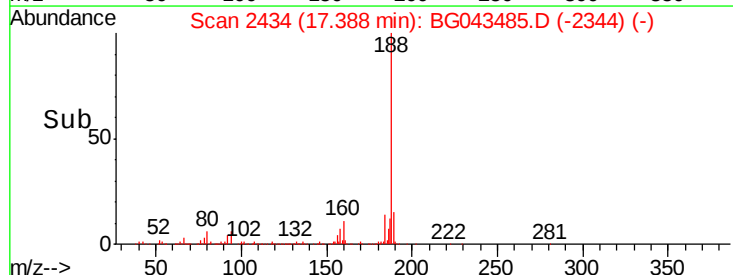
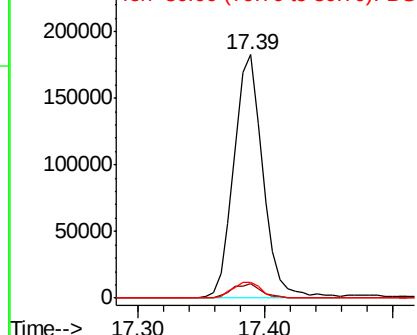


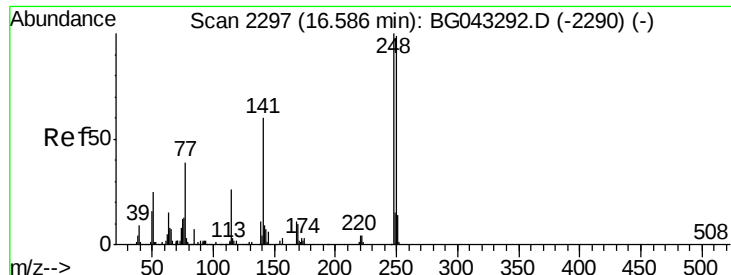
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2434
 Delta R.T. -0.00 min
 Lab File: BG043485.D
 Acq: 4 Nov 2019 17:50

Tgt Ion:188 Resp: 290620
 Ion Ratio Lower Upper
 188 100
 94 5.9 4.2 6.4
 80 6.3 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

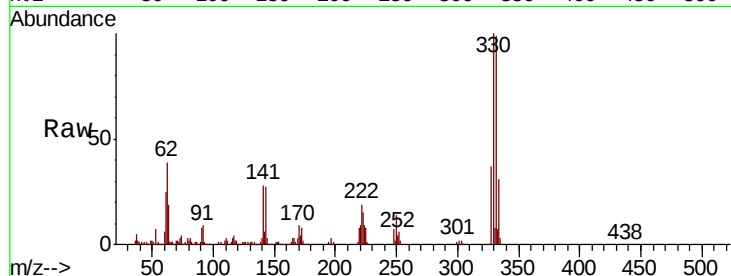




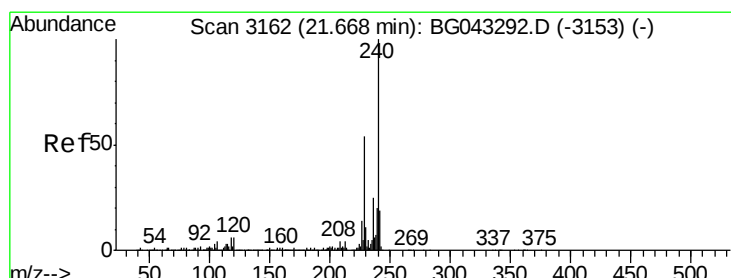
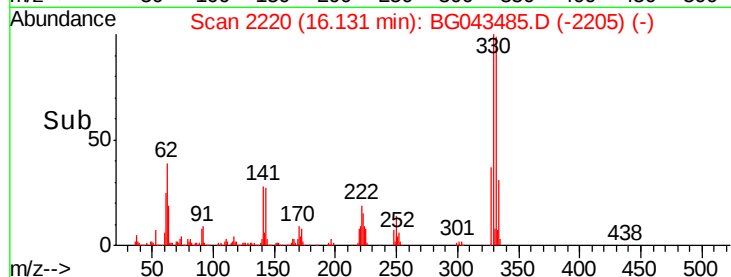
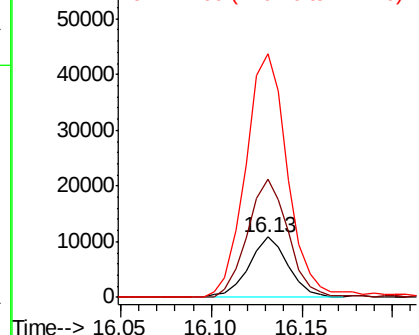
#67
4-Bromophenyl-phenylether
Concen: 4.176 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.44 min
Lab File: BG043485.D
Acq: 4 Nov 2019 17:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 16332
Ion Ratio Lower Upper
248 100
250 197.9 77.0 115.4#
141 405.6 47.5 71.3#

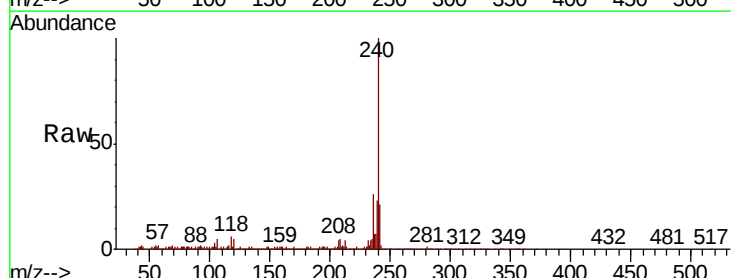


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

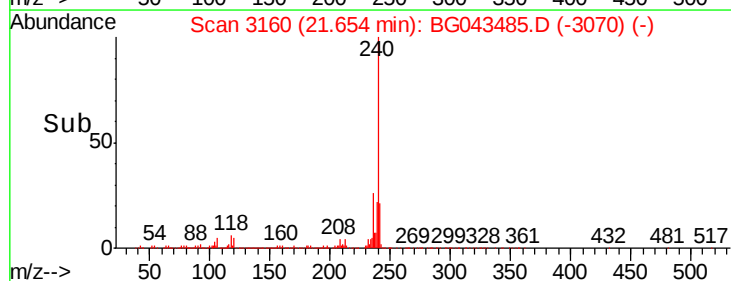
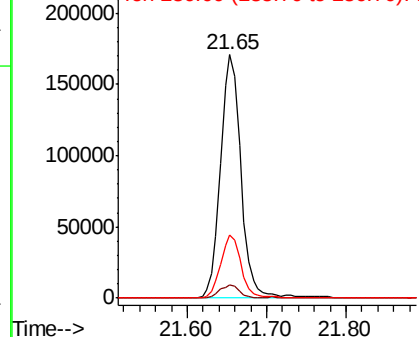


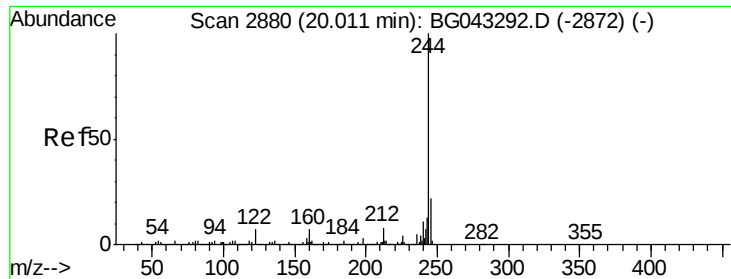
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG043485.D
Acq: 4 Nov 2019 17:50

Tgt Ion:240 Resp: 303275
Ion Ratio Lower Upper
240 100
120 5.3 4.6 6.8
236 26.0 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





#79

Terphenyl-d14

Concen: 75.131 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043485.D

Acq: 4 Nov 2019 17:50

Instrument :

BNA_G

ClientSampled :

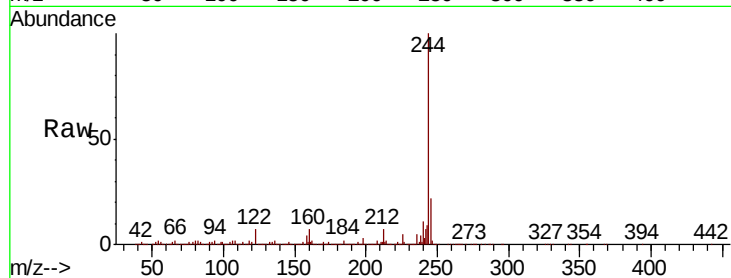
Tot Ion:244 Resp: 1214531

Ion Ratio Lower Upper

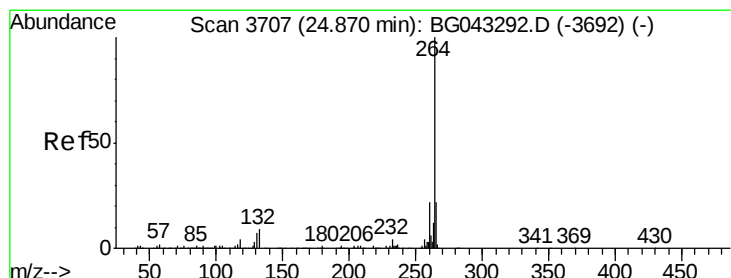
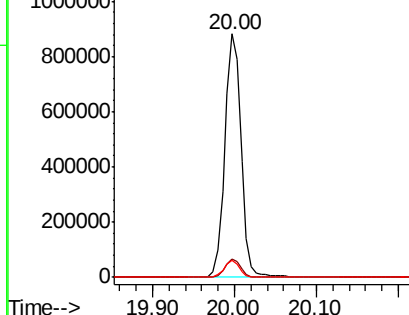
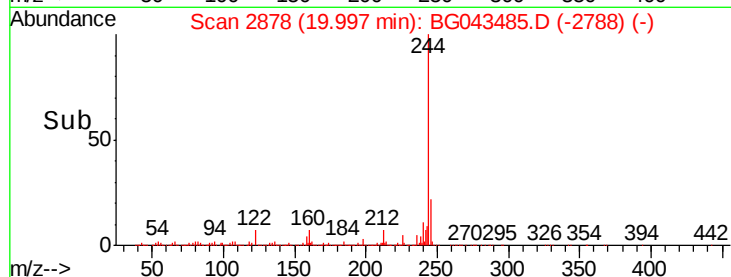
244 100

212 7.4 5.8 8.6

122 6.8 5.4 8.2



Abundance Ion 244.00 (243.70 to 244.70): E
1200000
Ion 212.00 (211.70 to 212.70): E
1000000
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043485.D

Acq: 4 Nov 2019 17:50

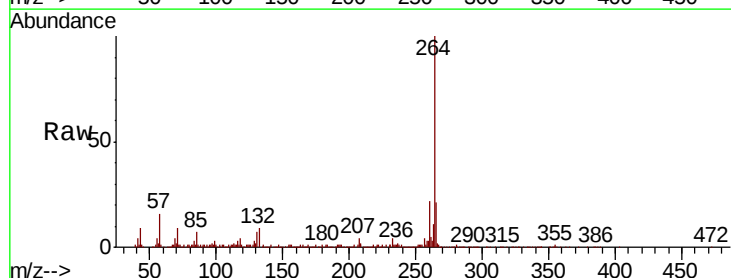
Tgt Ion:264 Resp: 368617

Ion Ratio Lower Upper

264 100

260 22.4 17.5 26.3

265 21.2 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
150000
Ion 260.00 (259.70 to 260.70): E
100000
Ion 265.00 (264.70 to 265.70): E

