

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
 Data File : BG043808.D
 Acq On : 11 Dec 2019 23:22
 Operator : JU
 Sample : K6245-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OUTSIDE-BRICK-2

Quant Time: Dec 12 02:22:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	131943	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	572169	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	413271	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	969447	20.00	ng	0.00
76) Chrysene-d12	21.62	240	839377	20.00	ng	0.00
87) Perylene-d12	24.77	264	934748	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	742648	106.65	ng	0.00
7) Phenol-d6	7.16	99	1106345	110.16	ng	0.00
23) Nitrobenzene-d5	9.15	82	641690	62.97	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	435170	110.45	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1550318	65.89	ng	0.00
79) Terphenyl-d14	19.98	244	2409062	69.05	ng	0.00

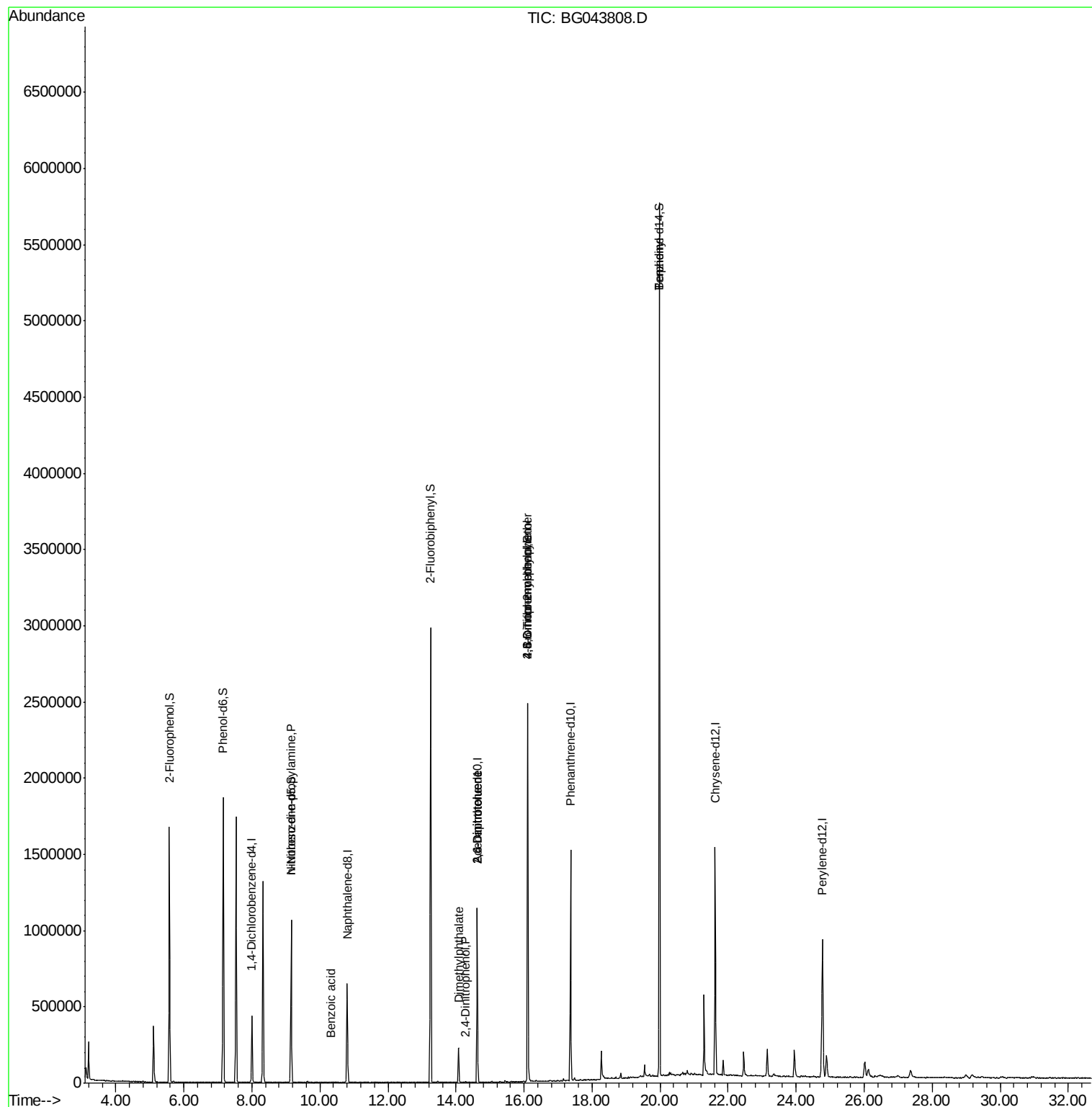
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.15	77	2169	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	9.15	70	85103	11.084	ng	# 76
32) Benzoic acid	10.32	122	58	5.658	ng	# 1
50) Dimethylphthalate	14.08	163	160021	5.425	ng	# 96
51) 2,6-Dinitrotoluene	14.62	165	54147	8.518	ng	# 27
54) 2,4-Dinitrophenol	14.29	184	55	3.971	ng	# 19
57) 2,4-Dinitrotoluene	14.62	165	54147	6.304	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.10	198	1648	9.854	ng	# 1
67) 4-Bromophenyl-phenylether	16.10	248	34745	3.352	ng	# 1
77) Benzidine	19.98	184	49250	2.689	ng	# 91

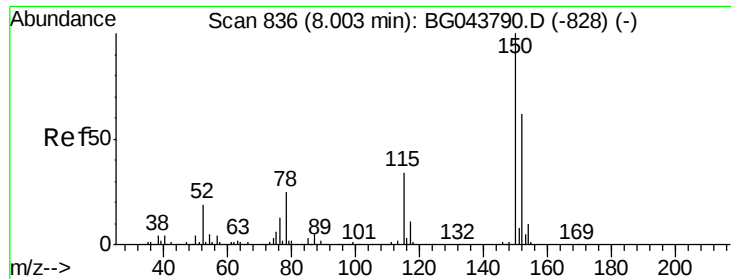
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
Data File : BG043808.D
Acq On : 11 Dec 2019 23:22
Operator : JU
Sample : K6245-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK-2

Quant Time: Dec 12 02:22:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration



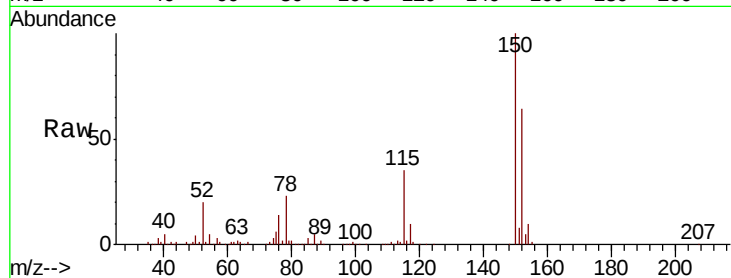


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	128.6	192.8
115	53.8	44.3	66.5

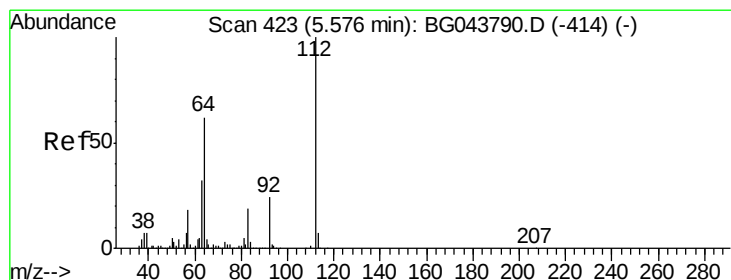
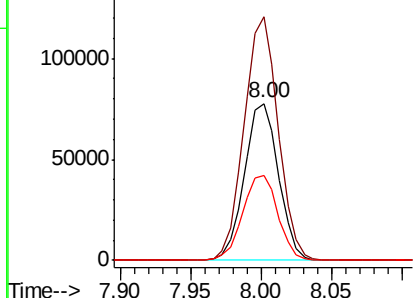
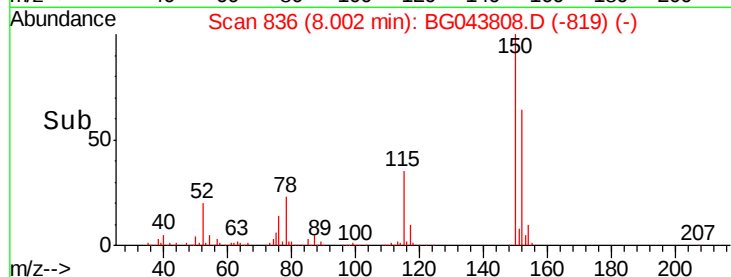


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

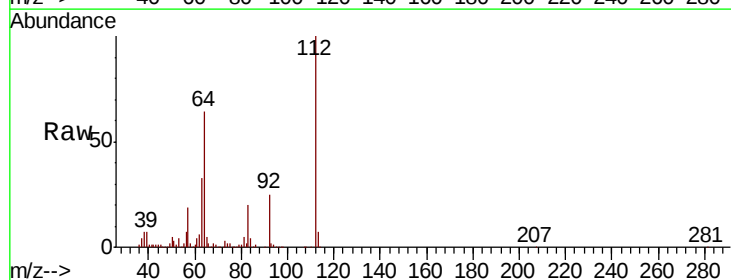
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.646 ng
RT: 5.57 min Scan# 423
Delta R.T. -0.00 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	49.9	74.9
63	32.7	26.0	39.0

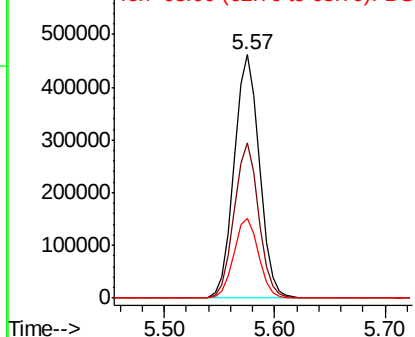
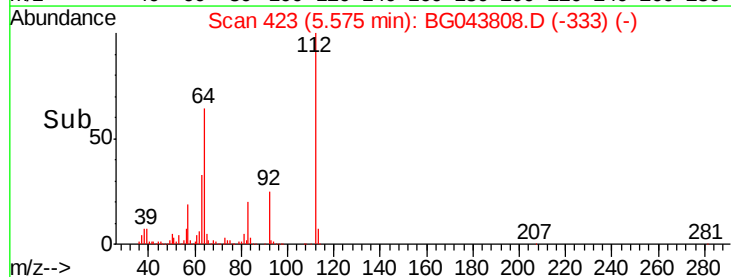


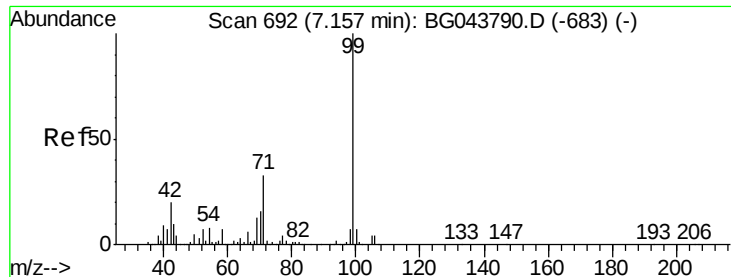
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 110.161 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG043808.D

Acq: 11 Dec 2019 23:22

Instrument :

BNA_G

ClientSampleId :

OUTSIDE-BRICK-2

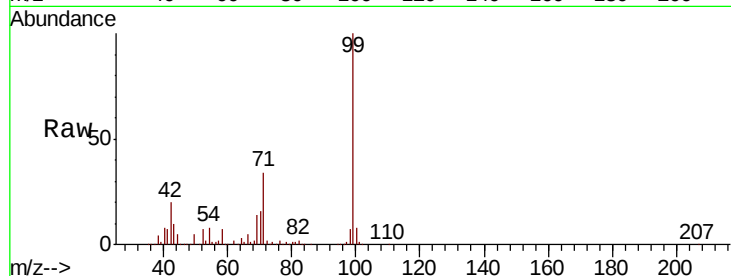
Tot Ion: 99 Resp: 1106345

Ion Ratio Lower Upper

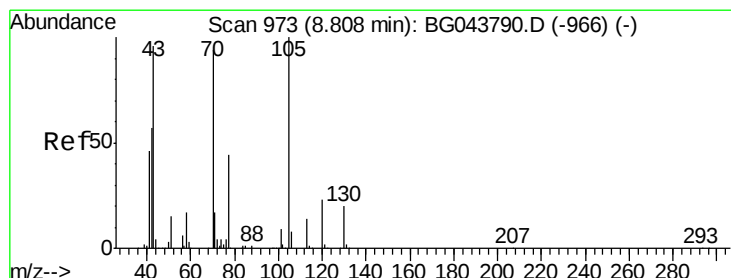
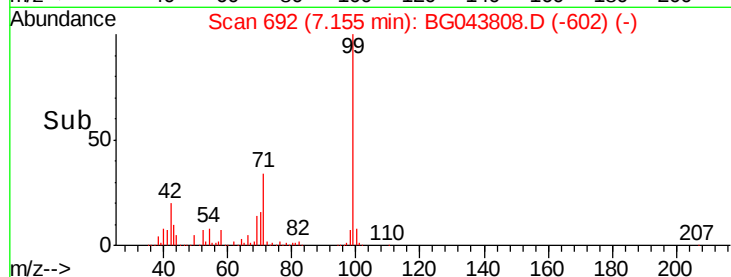
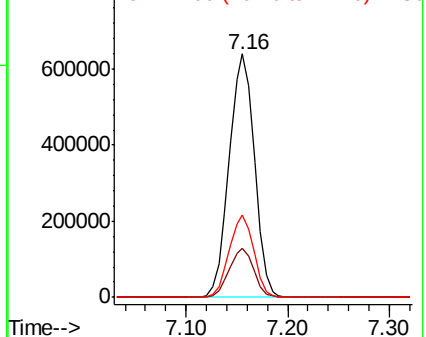
99 100

42 19.9 16.2 24.2

71 33.7 26.6 40.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.084 ng

RT: 9.15 min Scan# 1032

Delta R.T. 0.35 min

Lab File: BG043808.D

Acq: 11 Dec 2019 23:22

Tgt Ion: 70 Resp: 85103

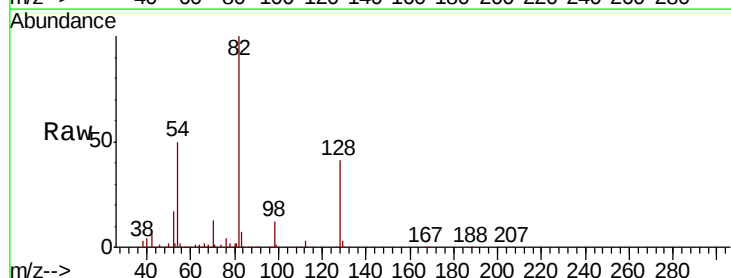
Ion Ratio Lower Upper

70 100

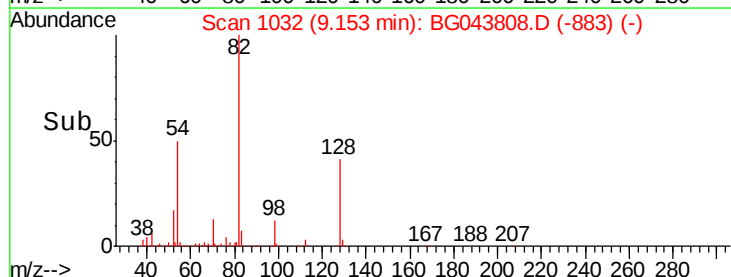
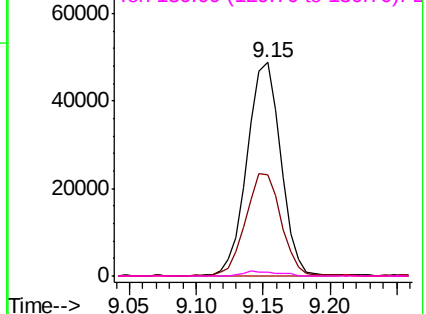
42 47.6 49.2 73.8#

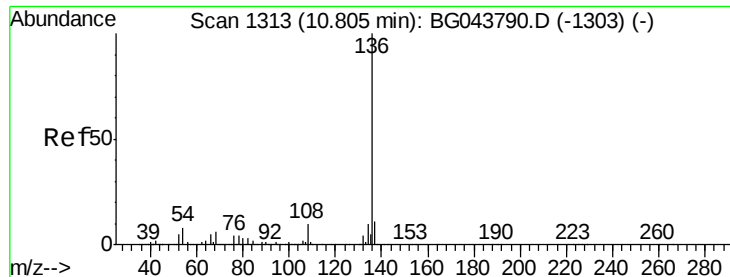
101 0.0 7.8 11.6#

130 1.8 17.0 25.6#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BG043808.D

Acq: 11 Dec 2019 23:22

Instrument :

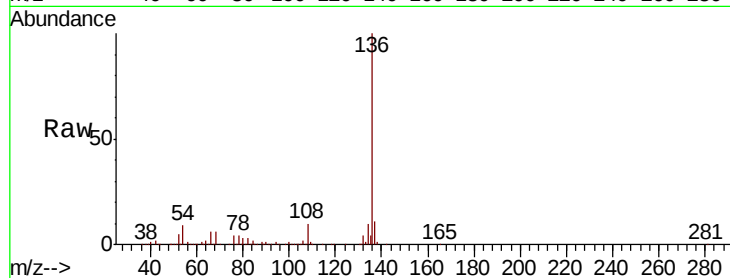
BNA_G

ClientSampleId :

OUTSIDE-BRICK-2

Tot Ion:136 Resp: 572169

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.7	6.8	10.2
68	5.7	5.0	7.4

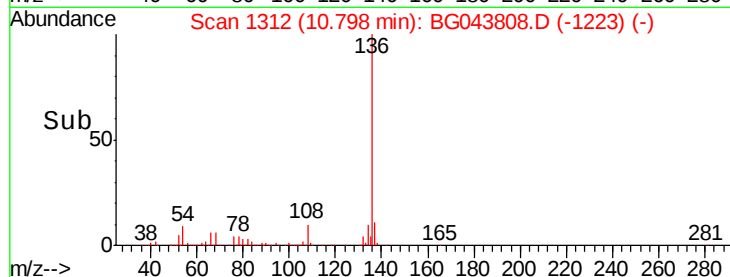


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

10.80

300000

200000

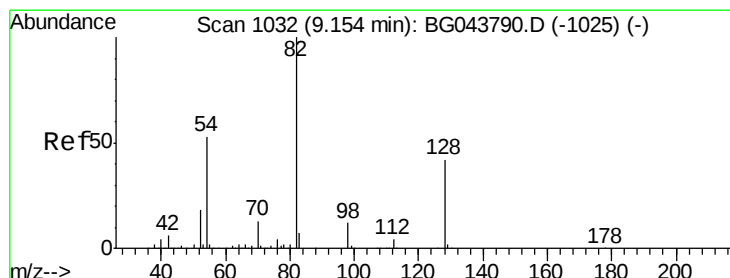
100000

0

10.70

10.80

10.90



#23

Nitrobenzene-d5

Concen: 62.969 ng

RT: 9.15 min Scan# 1032

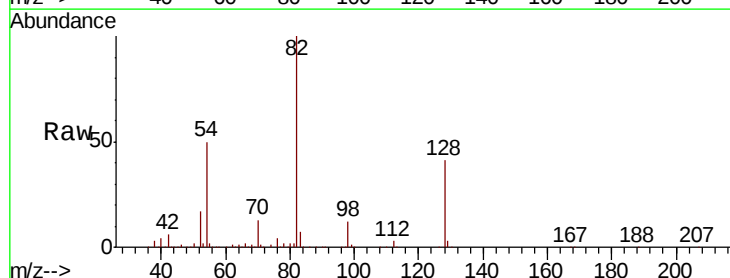
Delta R.T. -0.00 min

Lab File: BG043808.D

Acq: 11 Dec 2019 23:22

Tgt Ion: 82 Resp: 641690

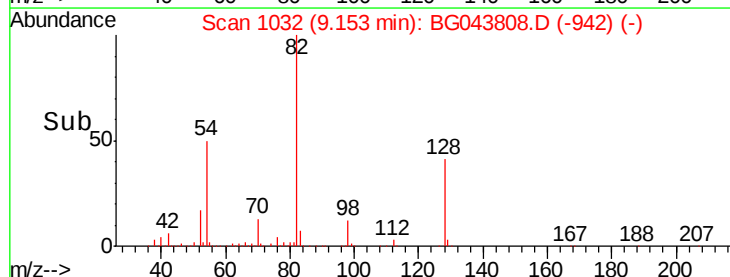
Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.6	50.4
54	50.0	42.1	63.1



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC



Time-->

9.15

400000

300000

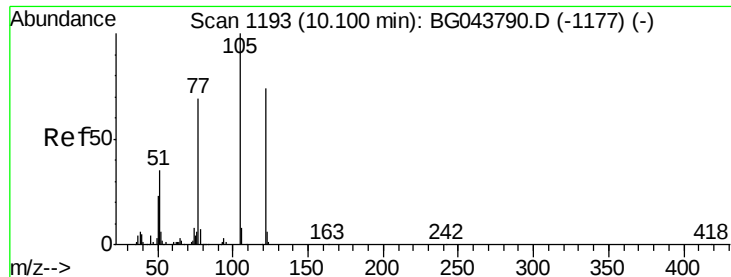
200000

100000

0

9.10

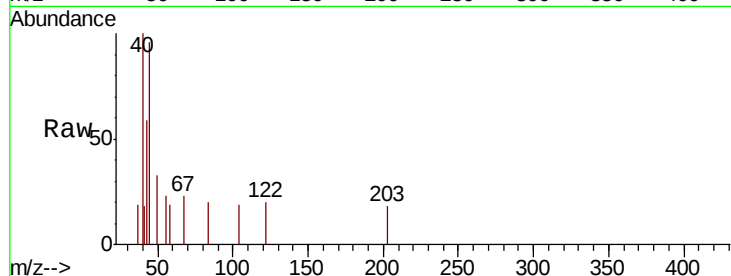
9.20



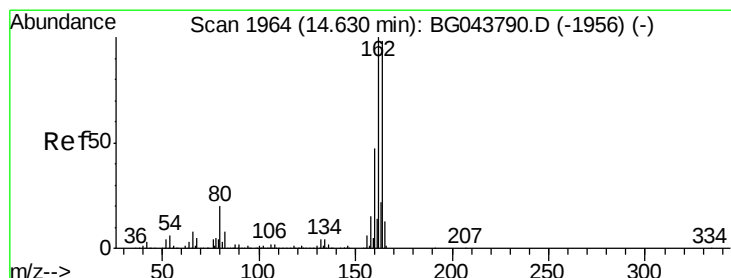
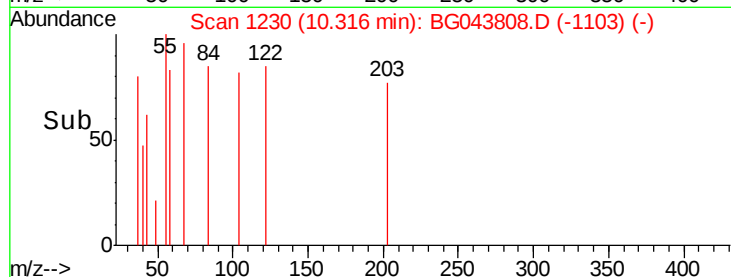
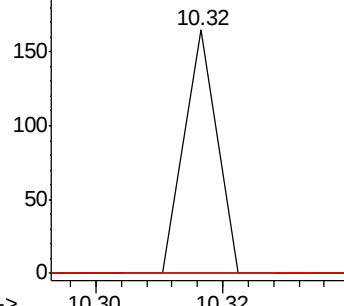
#32
Benzoic acid
Concen: 5.658 ng
RT: 10.32 min Scan# 1230
Delta R.T. 0.22 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK-2

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.5	147.5#
77	0.0	71.7	111.7#

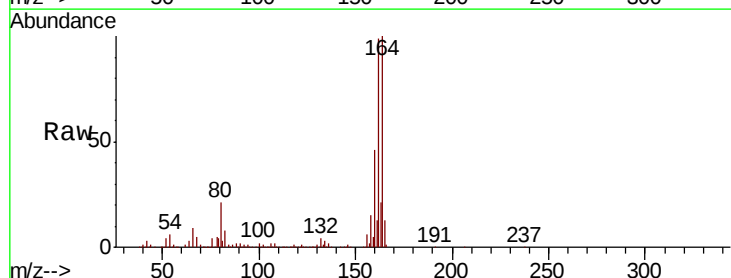


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

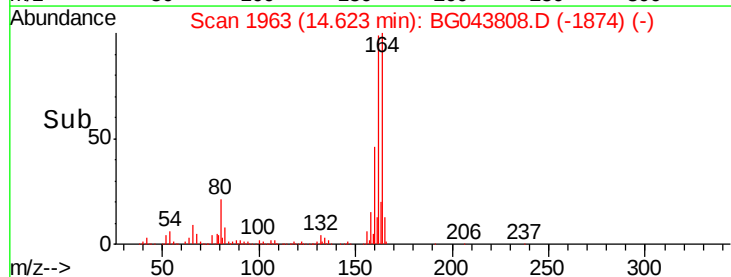
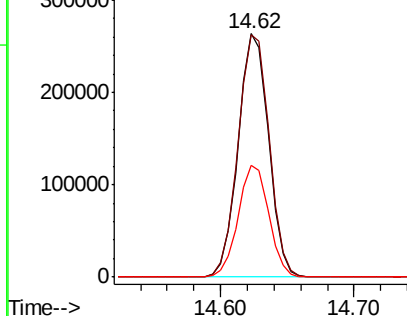


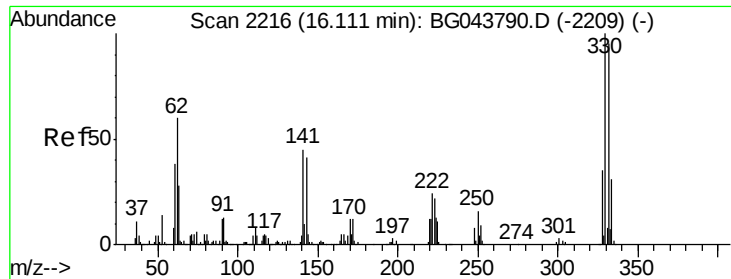
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.9	122.9
160	45.7	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

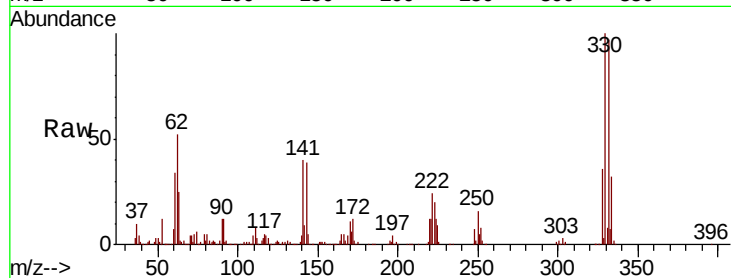




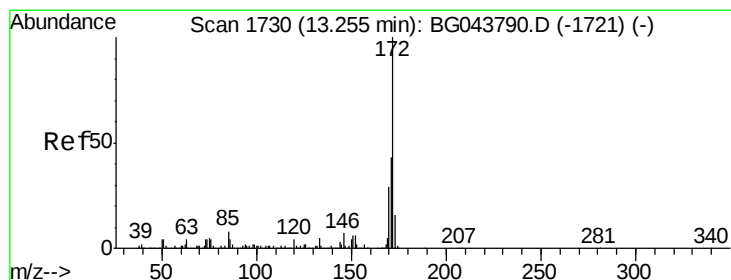
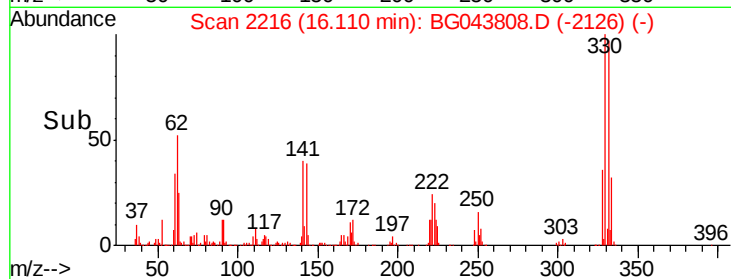
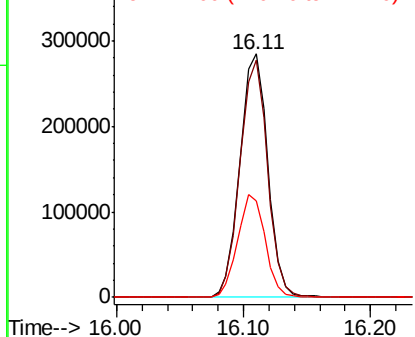
#42
 2,4,6-Tribromophenol
 Concen: 110.451 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG043808.D
 Acq: 11 Dec 2019 23:22

Instrument :
 BNA_G
 ClientSampleId :
 OUTSIDE-BRICK-2

Tot Ion:330 Resp: 435170
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.9 115.3
 141 42.0 33.8 50.8

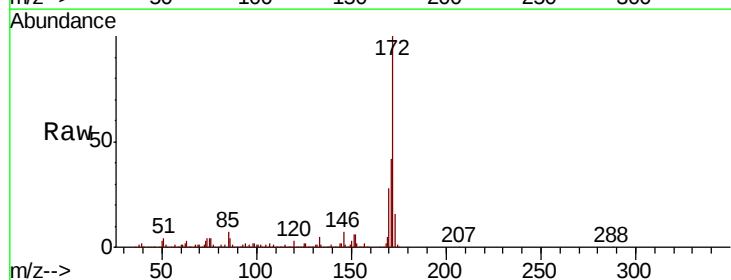


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

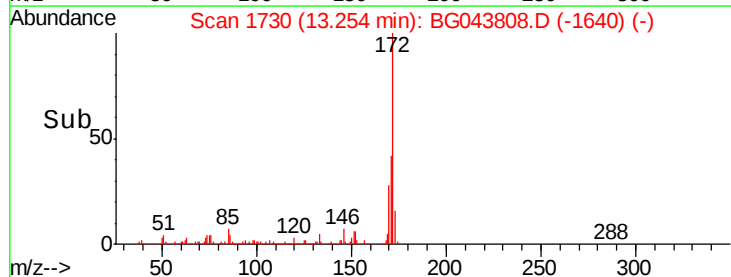
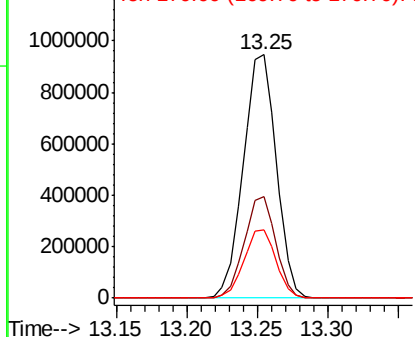


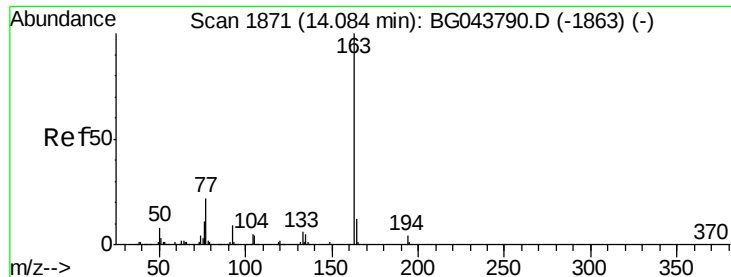
#45
 2-Fluorobiphenyl
 Concen: 65.895 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG043808.D
 Acq: 11 Dec 2019 23:22

Tgt Ion:172 Resp: 1550318
 Ion Ratio Lower Upper
 172 100
 171 41.8 34.6 51.8
 170 28.1 23.3 34.9



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: 5.425 ng

RT: 14.08 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BG043808.D

Acq: 11 Dec 2019 23:22

Instrument :

BNA_G

ClientSampleId :

OUTSIDE-BRICK-2

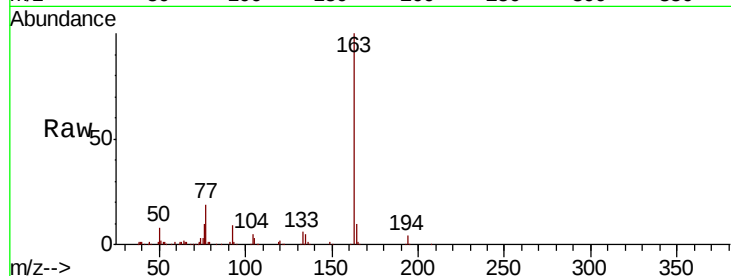
Tot Ion:163 Resp: 160021

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

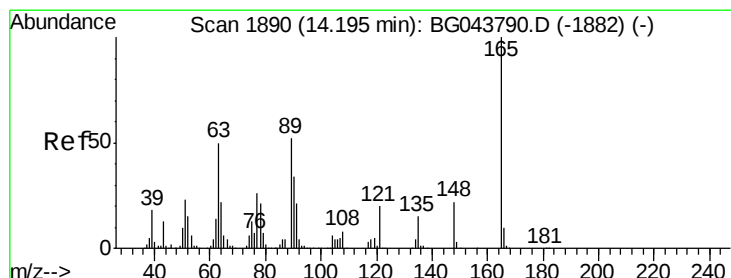
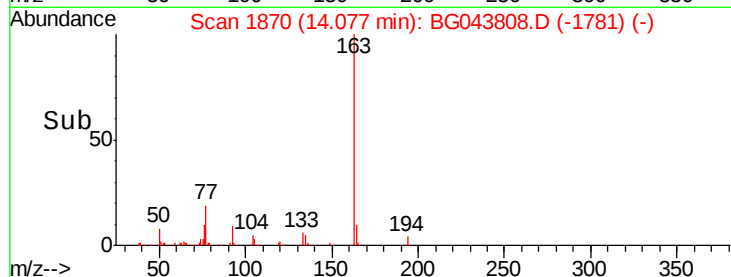
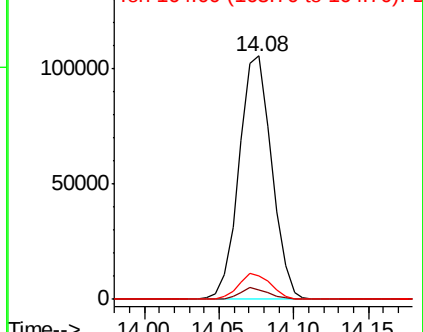
164 9.9 9.4 14.0



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: 8.518 ng

RT: 14.62 min Scan# 1963

Delta R.T. 0.43 min

Lab File: BG043808.D

Acq: 11 Dec 2019 23:22

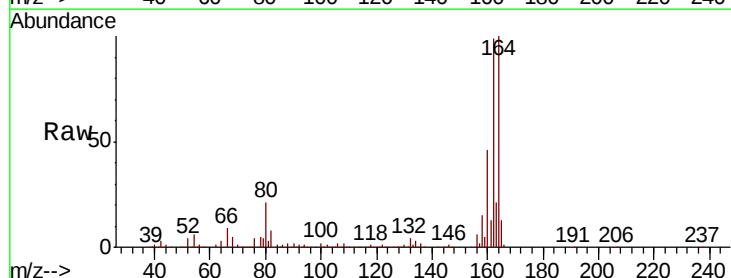
Tgt Ion:165 Resp: 54147

Ion Ratio Lower Upper

165 100

63 0.0 40.3 60.5#

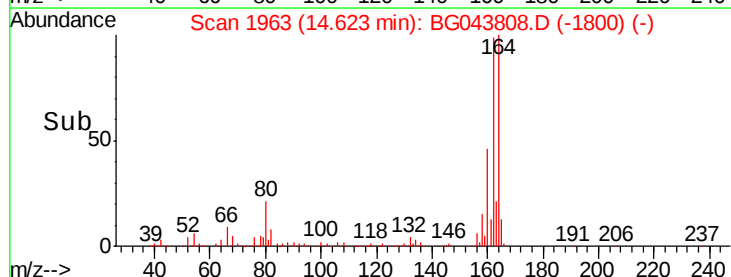
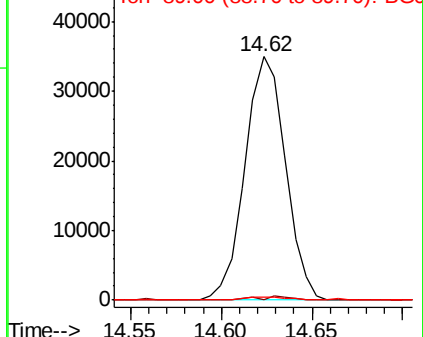
89 1.2 41.8 62.8#

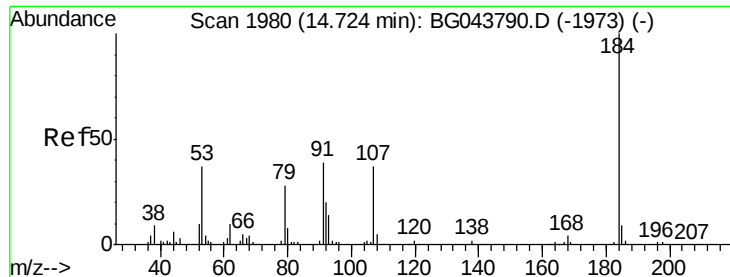


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

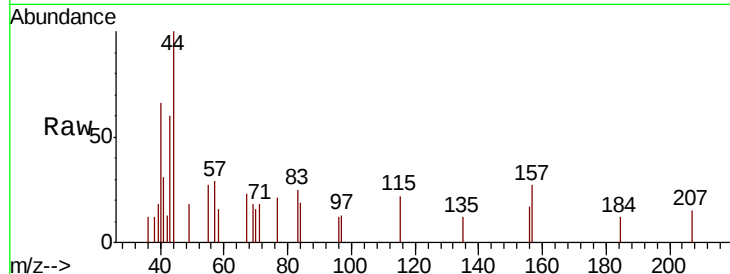




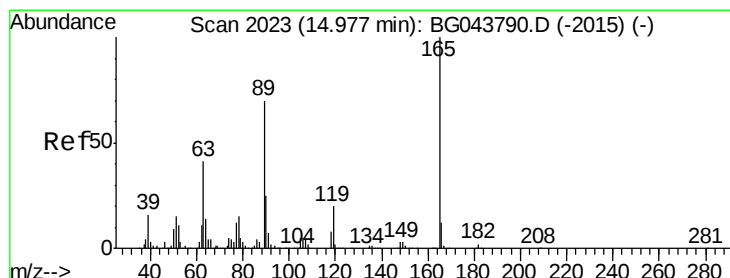
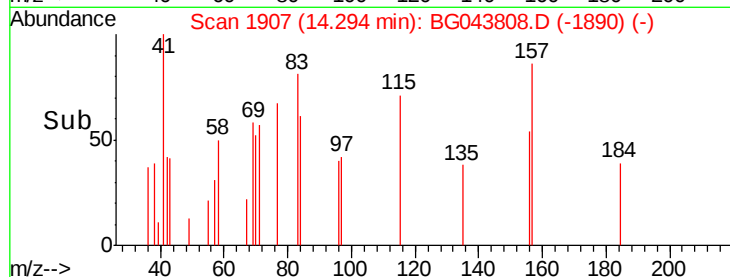
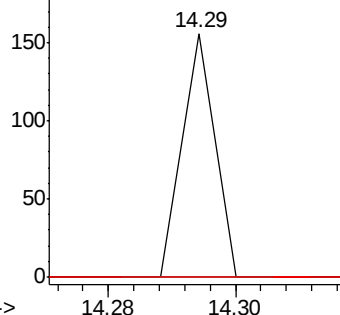
#54
2,4-Dinitrophenol
Concen: 3.971 ng
RT: 14.29 min Scan# 1907
Delta R.T. -0.43 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK-2

Tot Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 0.0 43.4 65.0#
154 0.0 54.8 82.2#

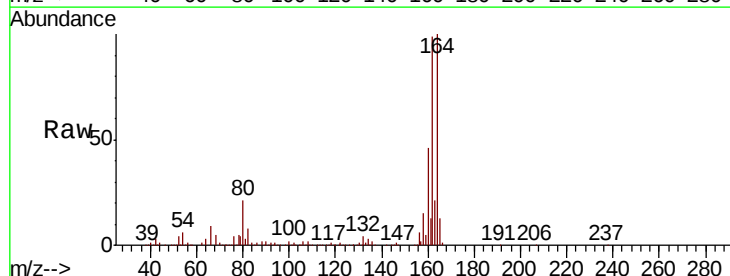


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

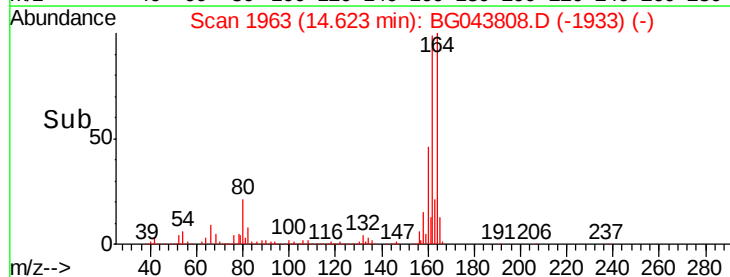
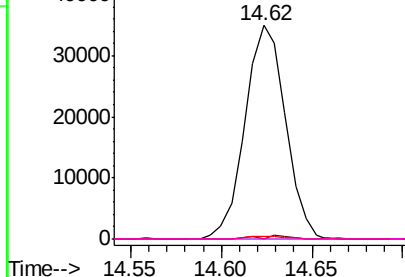


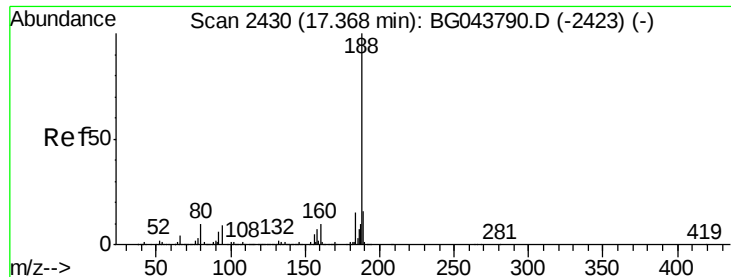
#57
2,4-Dinitrotoluene
Concen: 6.304 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.35 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Tgt Ion:165 Resp: 54147
Ion Ratio Lower Upper
165 100
63 0.0 32.7 49.1#
89 1.2 56.1 84.1#
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: 17.37 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG043808.D

Acq: 11 Dec 2019 23:22

Instrument :

BNA_G

ClientSampleId :

OUTSIDE-BRICK-2

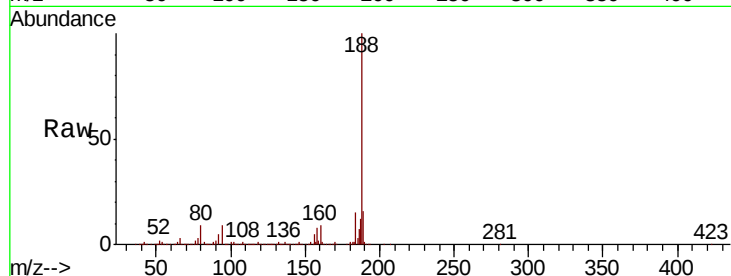
Tot Ion:188 Resp: 969447

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.9	10.3
80	9.5	7.8	11.8

188 100

94 8.9 6.9 10.3

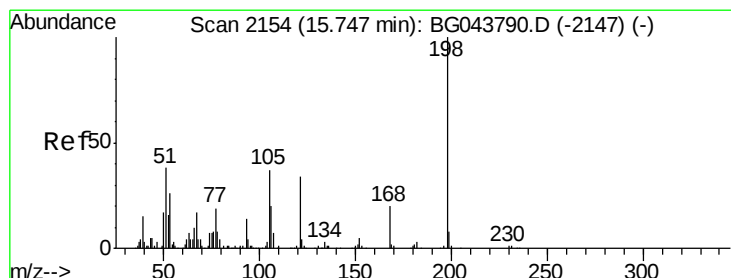
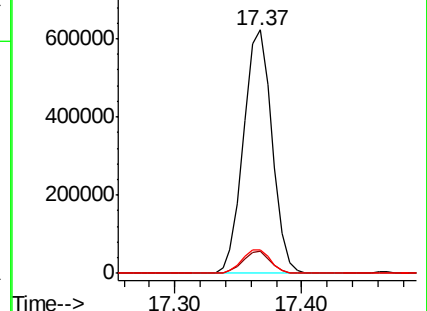
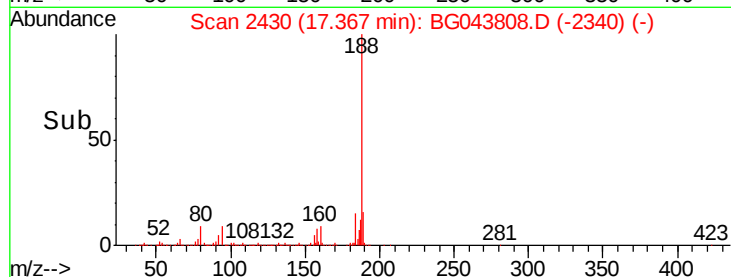
80 9.5 7.8 11.8



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



#65

4,6-Dinitro-2-methylphenol

Concen: 9.854 ng

RT: 16.10 min Scan# 2215

Delta R.T. 0.36 min

Lab File: BG043808.D

Acq: 11 Dec 2019 23:22

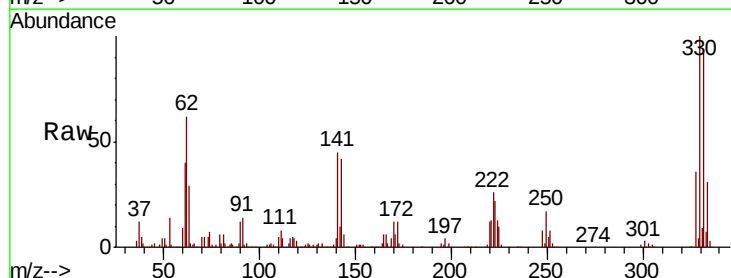
Tgt Ion:198 Resp: 1648

Ion	Ratio	Lower	Upper
198	100		
51	150.3	18.9	58.9#
105	153.9	18.1	58.1#

198 100

51 150.3 18.9 58.9#

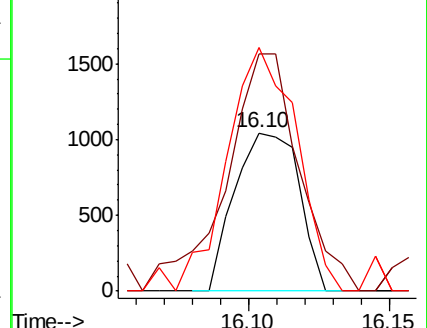
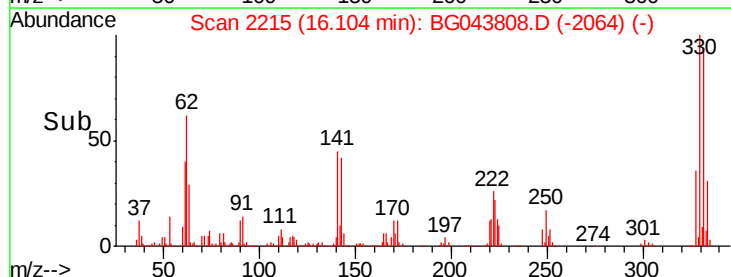
105 153.9 18.1 58.1#

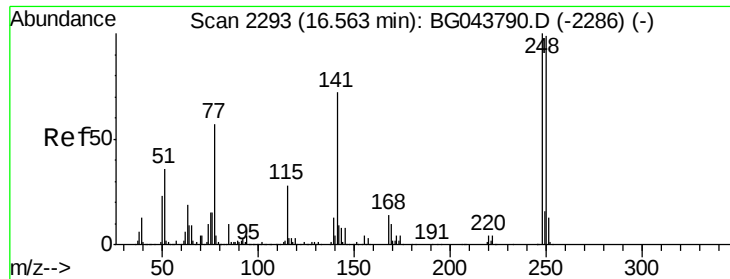


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

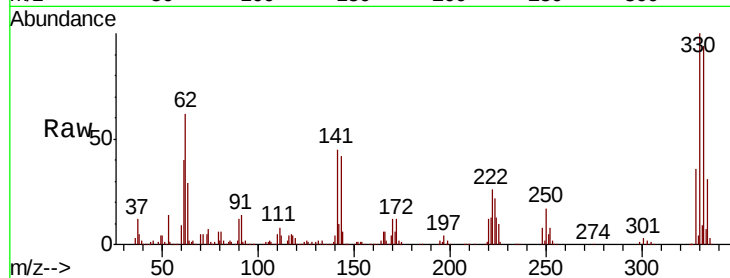




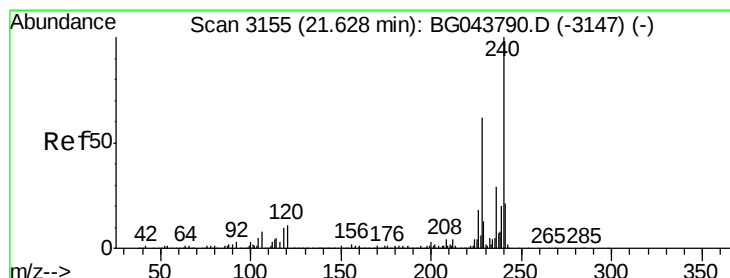
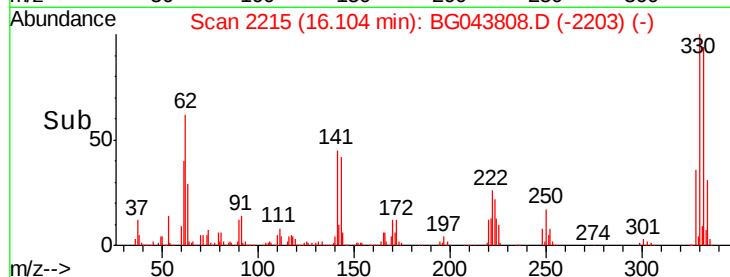
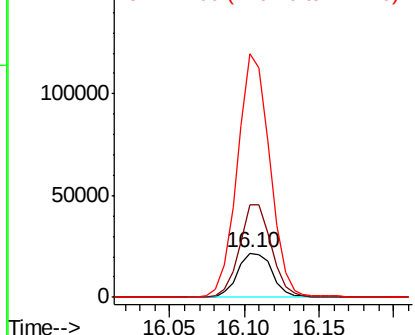
#67
 4-Bromophenyl-phenylether
 Concen: 3.352 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. -0.46 min
 Lab File: BG043808.D
 Acq: 11 Dec 2019 23:22

Instrument :
 BNA_G
 ClientSampleId :
 OUTSIDE-BRICK-2

Tot Ion:248 Resp: 34745
 Ion Ratio Lower Upper
 248 100
 250 207.8 79.0 118.6#
 141 547.1 57.8 86.6#

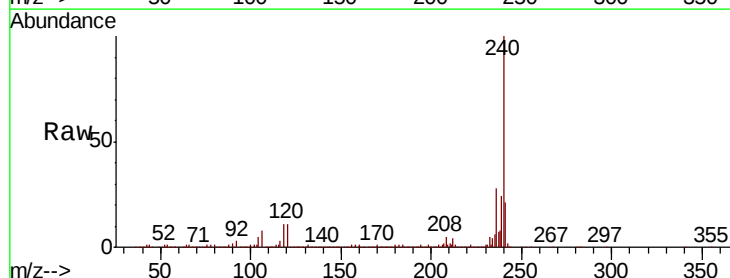


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

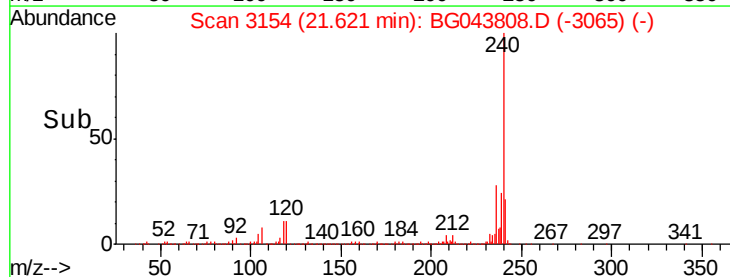
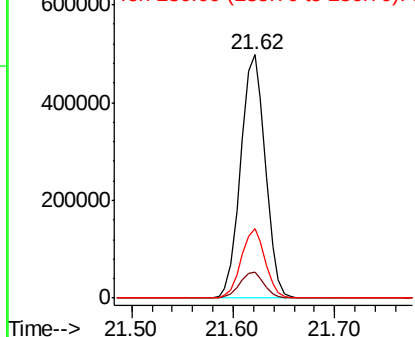


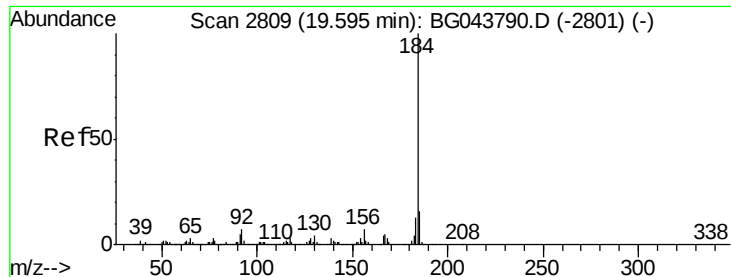
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.62 min Scan# 3154
 Delta R.T. -0.01 min
 Lab File: BG043808.D
 Acq: 11 Dec 2019 23:22

Tgt Ion:240 Resp: 839377
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.6 12.8
 236 28.3 23.1 34.7



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: 2.689 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.39 min

Lab File: BG043808.D

Acq: 11 Dec 2019 23:22

Instrument :

BNA_G

ClientSampleId :

OUTSIDE-BRICK-2

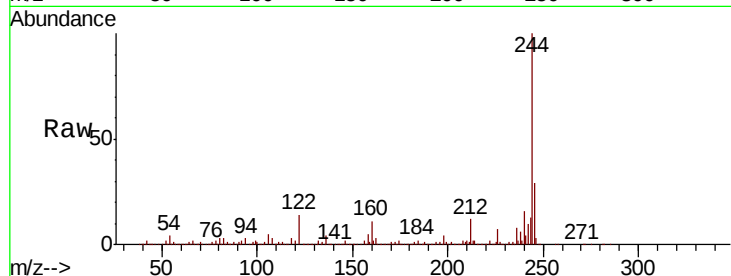
Tot Ion:184 Resp: 49250

Ion Ratio Lower Upper

184 100

185 18.2 12.9 19.3

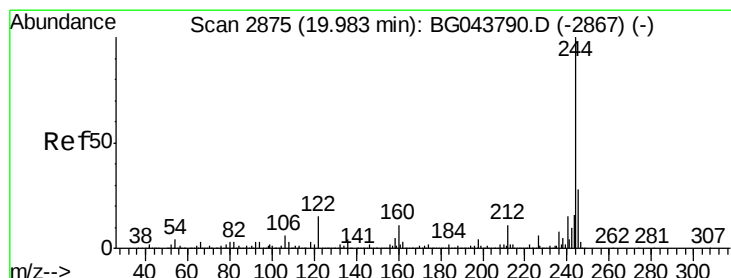
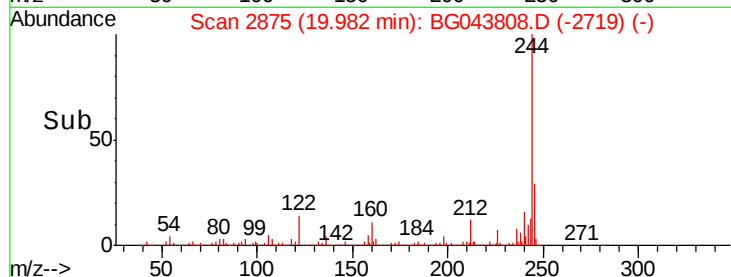
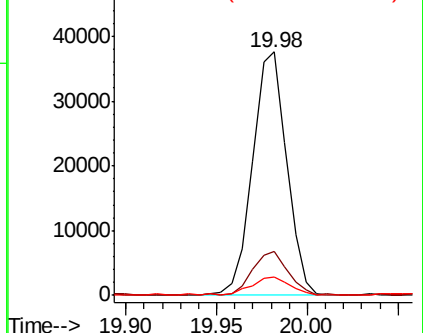
183 7.6 10.3 15.5#



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: 69.047 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043808.D

Acq: 11 Dec 2019 23:22

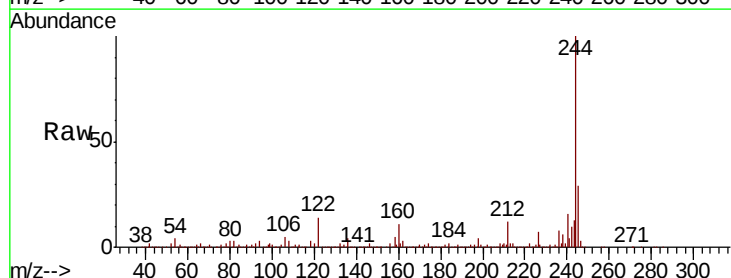
Tgt Ion:244 Resp: 2409062

Ion Ratio Lower Upper

244 100

212 11.6 9.1 13.7

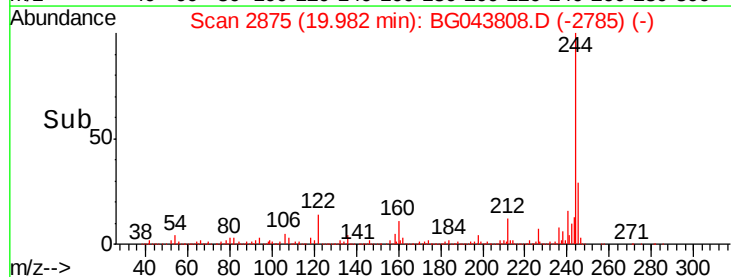
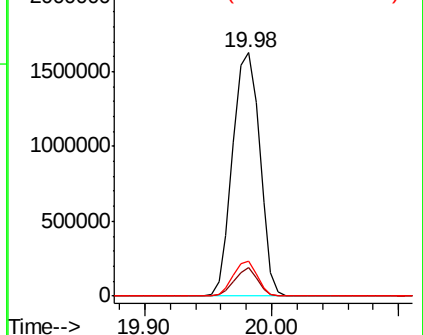
122 14.1 11.6 17.4

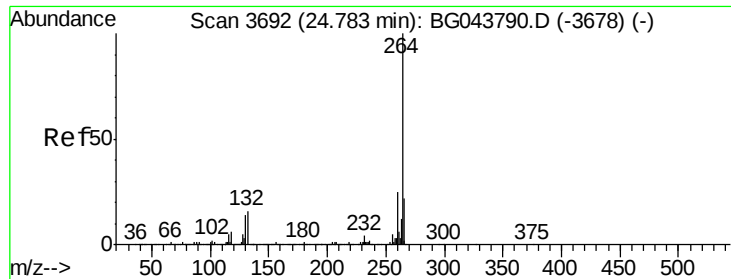


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

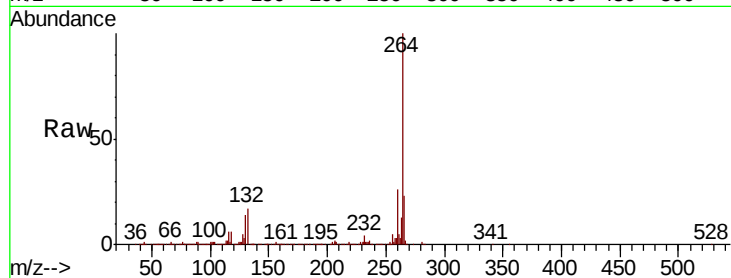




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.01 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.8	29.8
265	22.9	17.9	26.9



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

