

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
 Data File : BG043806.D
 Acq On : 11 Dec 2019 22:04
 Operator : JU
 Sample : K6208-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-COMP-1

Quant Time: Dec 12 02:21:48 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

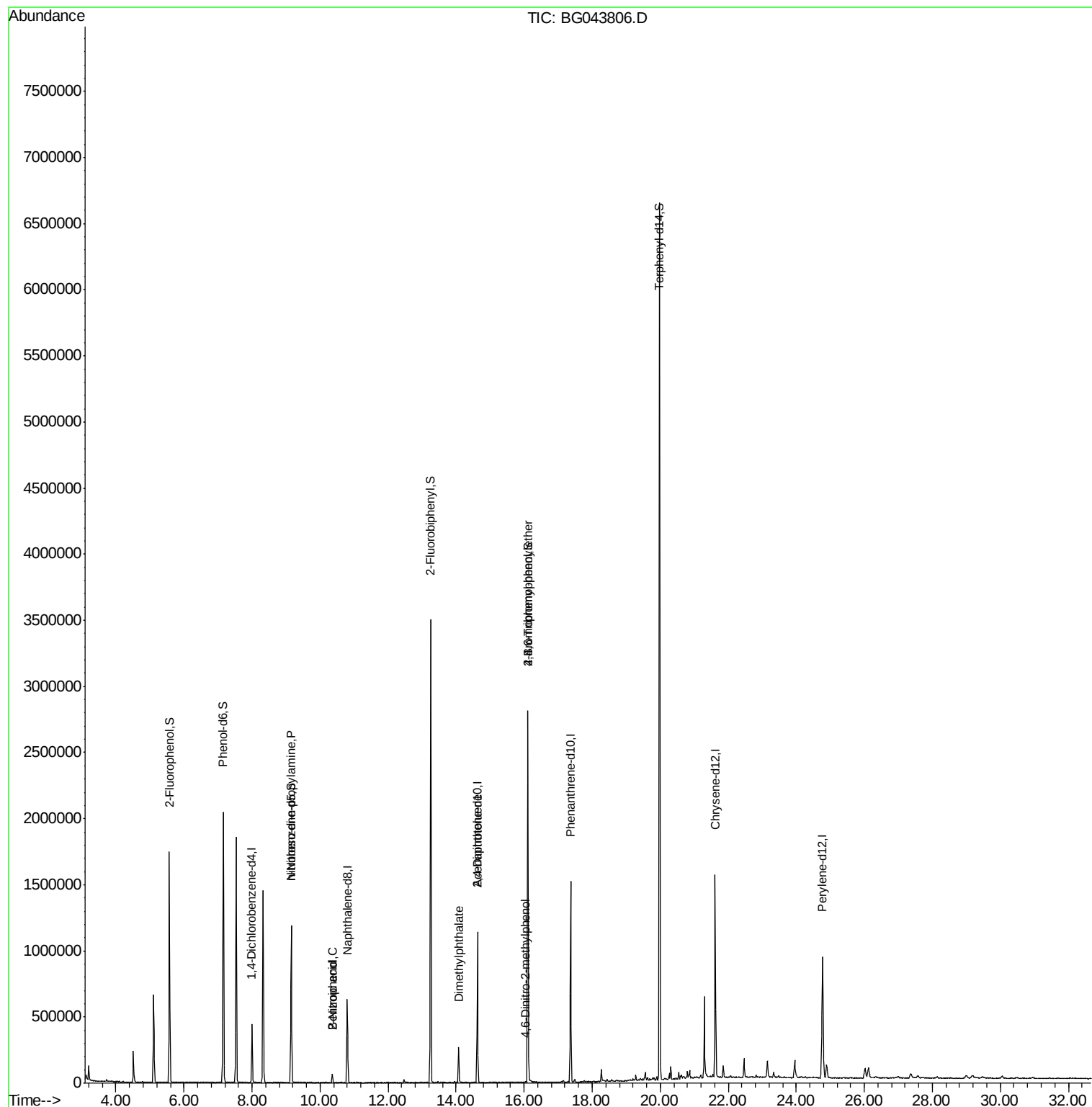
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	127286	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	562235	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	401963	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	957794	20.00	ng	0.00
76) Chrysene-d12	21.62	240	849057	20.00	ng	0.00
87) Perylene-d12	24.77	264	948234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	787439	117.21	ng	0.00
7) Phenol-d6	7.16	99	1244793	128.48	ng	0.00
23) Nitrobenzene-d5	9.15	82	730862	72.99	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	466876	121.83	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1781918	77.87	ng	0.00
79) Terphenyl-d14	19.98	244	2796020	79.22	ng	0.00
Target Compounds						
9) Benzaldehyde	7.15	77	2242	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	9.15	70	95241	12.858 ng	#	1
26) 2-Nitrophenol	10.36	139	2219	8.807 ng	#	74
32) Benzoic acid	10.36	122	314	5.716 ng	#	1
50) Dimethylphthalate	14.07	163	186201	6.490 ng		99
57) 2,4-Dinitrotoluene	14.63	165	52910	6.333 ng	#	25
65) 4,6-Dinitro-2-methylphenol	16.03	198	56	9.513 ng	#	37
67) 4-Bromophenyl-phenylether	16.11	248	36722	3.586 ng	#	1

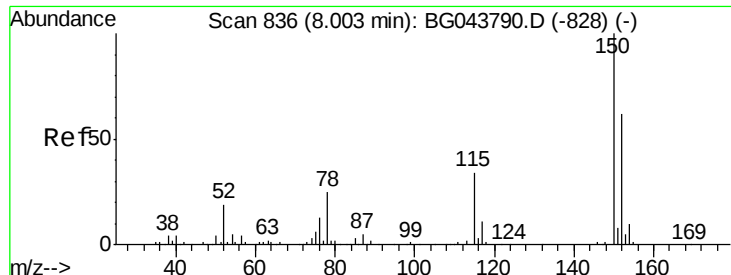
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
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ALS Vial : 10 Sample Multiplier: 1

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Quant Time: Dec 12 02:21:48 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: BG043806.D

Acq: 11 Dec 2019 22:04

Instrument :

BNA_G

ClientSampleId :

CONCRETE-COMP-1

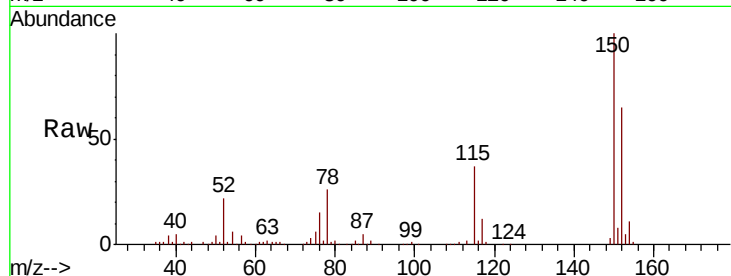
Tot Ion:152 Resp: 127286

Ion Ratio Lower Upper

152 100

150 154.3 128.6 192.8

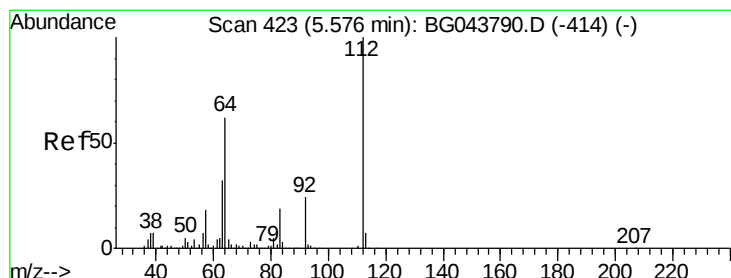
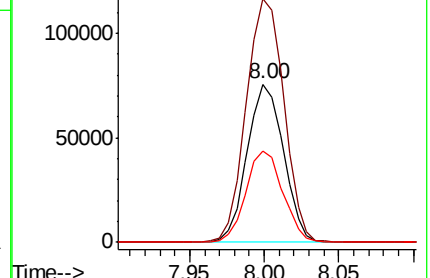
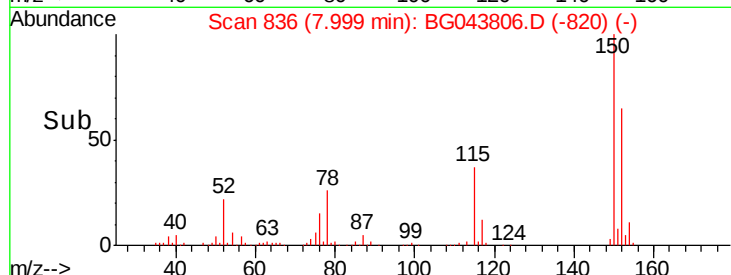
115 57.6 44.3 66.5



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: 117.215 ng

RT: 5.57 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG043806.D

Acq: 11 Dec 2019 22:04

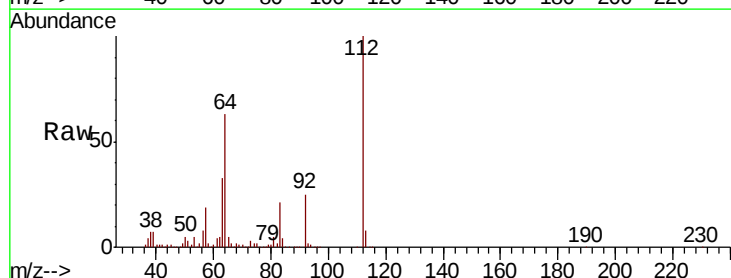
Tgt Ion:112 Resp: 787439

Ion Ratio Lower Upper

112 100

64 62.9 49.9 74.9

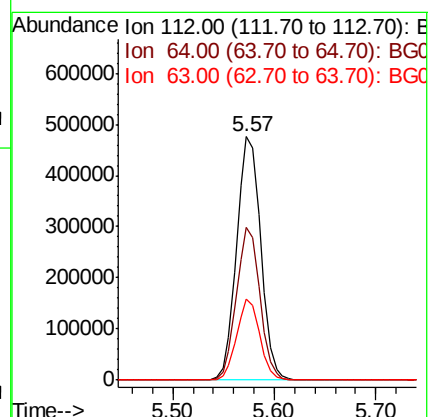
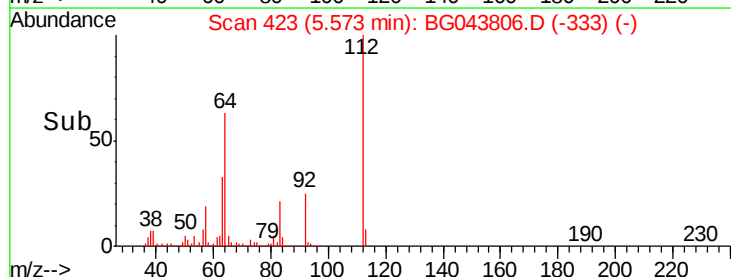
63 33.0 26.0 39.0

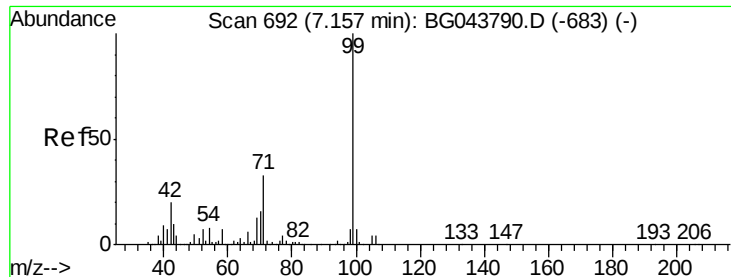


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 128.482 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG043806.D

Acq: 11 Dec 2019 22:04

Instrument :

BNA_G

ClientSampleId :

CONCRETE-COMP-1

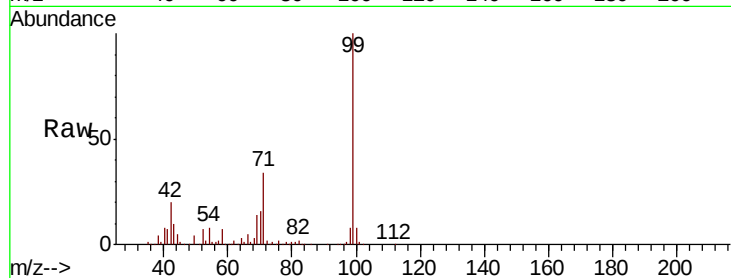
Tot Ion: 99 Resp: 1244793

Ion Ratio Lower Upper

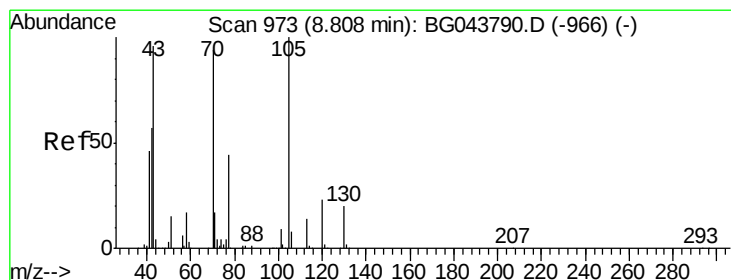
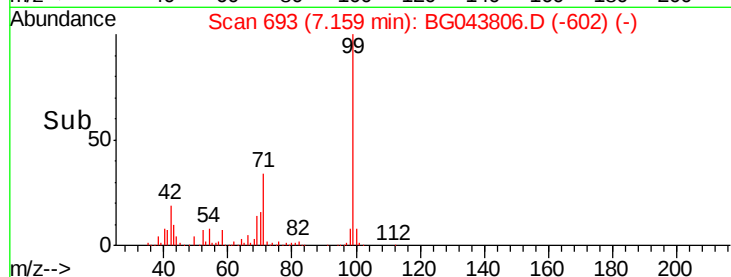
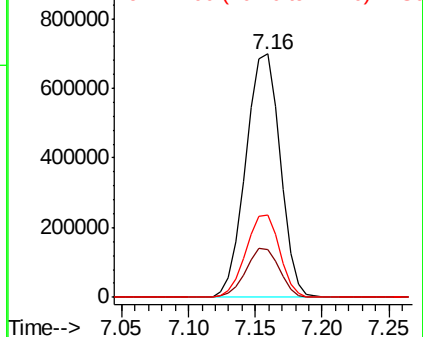
99 100

42 19.5 16.2 24.2

71 33.6 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: 12.858 ng

RT: 9.15 min Scan# 1032

Delta R.T. 0.34 min

Lab File: BG043806.D

Acq: 11 Dec 2019 22:04

Tgt Ion: 70 Resp: 95241

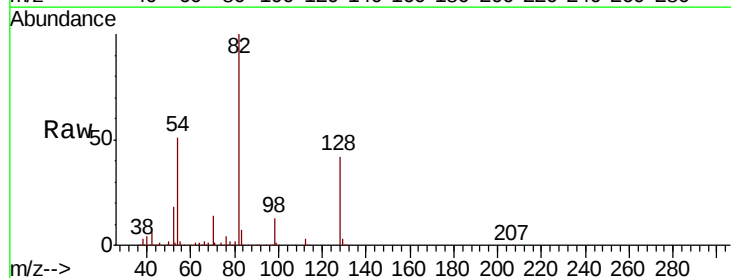
Ion Ratio Lower Upper

70 100

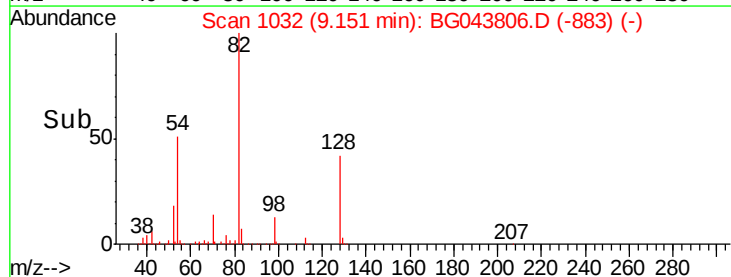
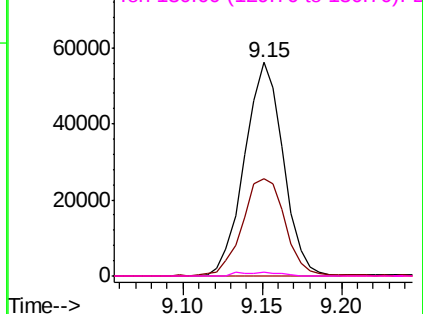
42 45.4 49.2 73.8#

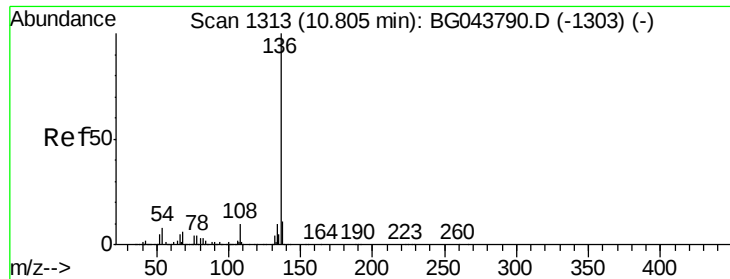
101 0.0 7.8 11.6#

130 2.0 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

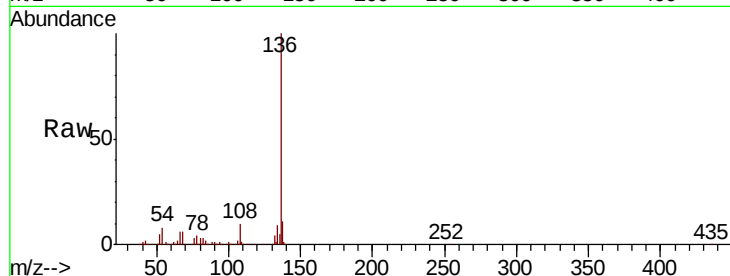




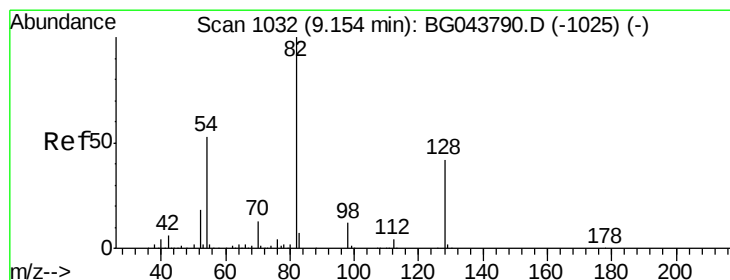
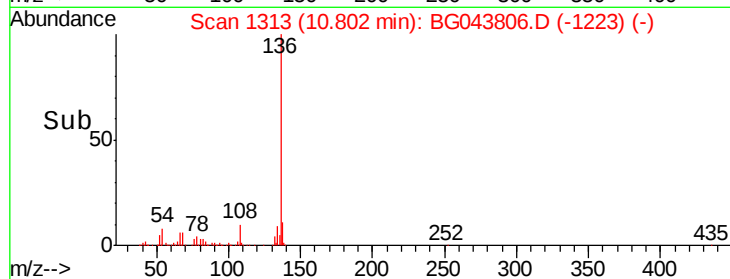
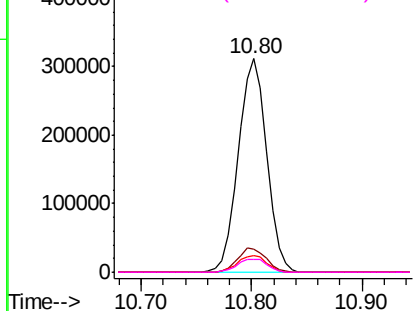
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG043806.D
Acq: 11 Dec 2019 22:04

Instrument :
BNA_G
ClientSampleId :
CONCRETE-COMP-1

Tot Ion:136	Resp:	562235	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.7	13.1	
54 7.9	6.8	10.2	
68 5.7	5.0	7.4	

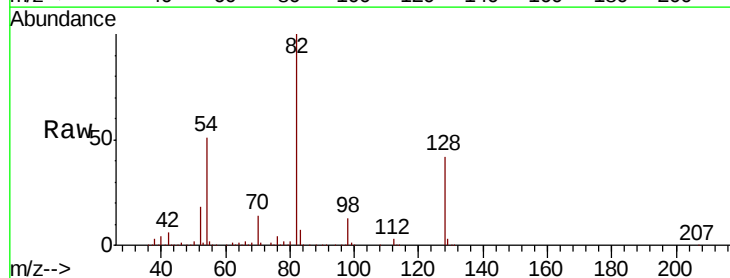


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

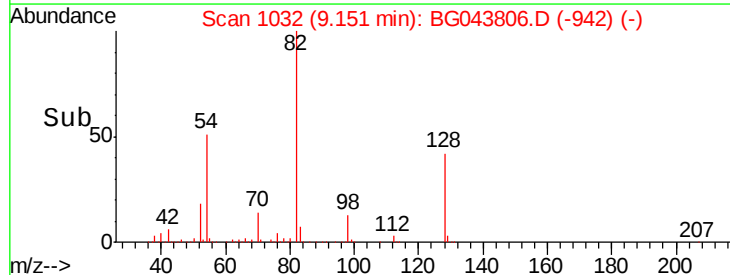
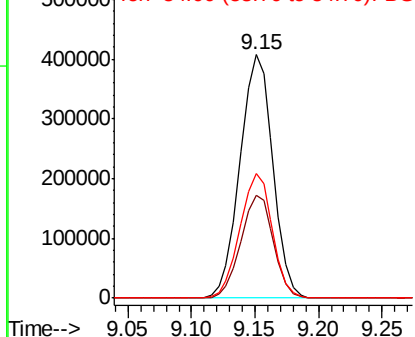


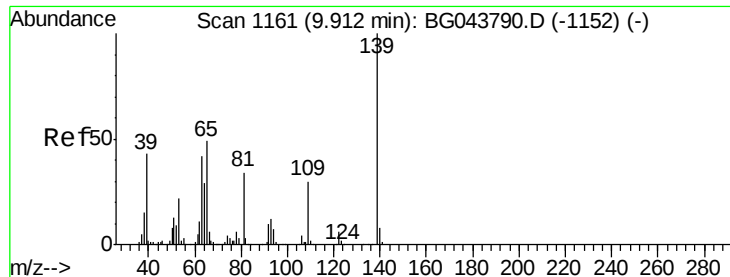
#23
Nitrobenzene-d5
Concen: 72.987 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043806.D
Acq: 11 Dec 2019 22:04

Tgt	Ion: 82	Resp:	730862
Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.6	50.4
54	51.1	42.1	63.1



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

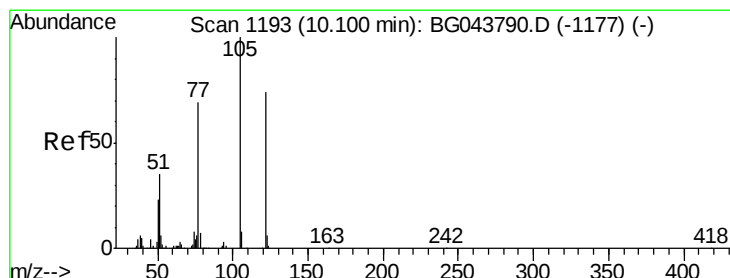
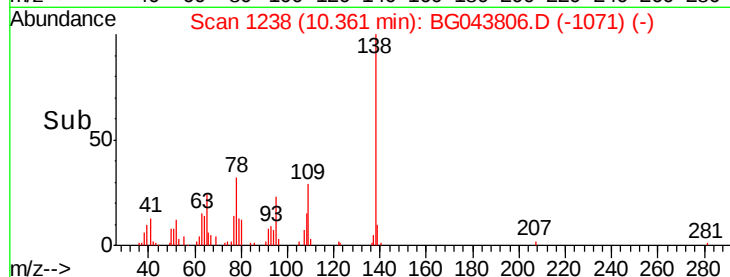
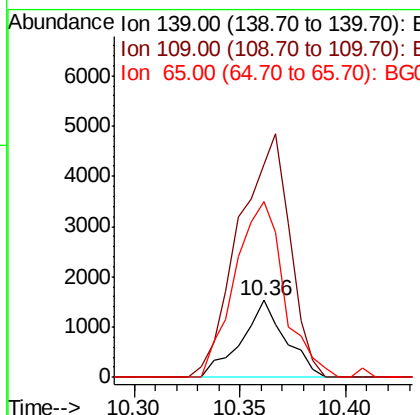
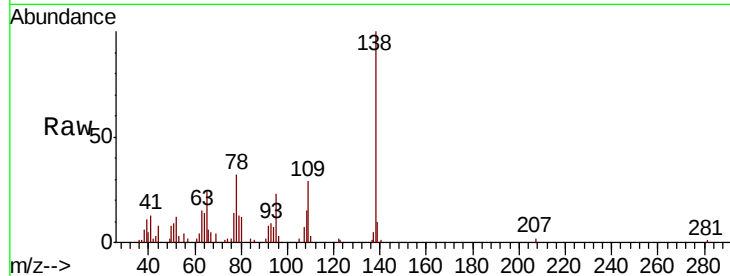




#26
2-Nitrophenol
Concen: 8.807 ng
RT: 10.36 min Scan# 1238
Delta R.T. 0.45 min
Lab File: BG043806.D
Acq: 11 Dec 2019 22:04

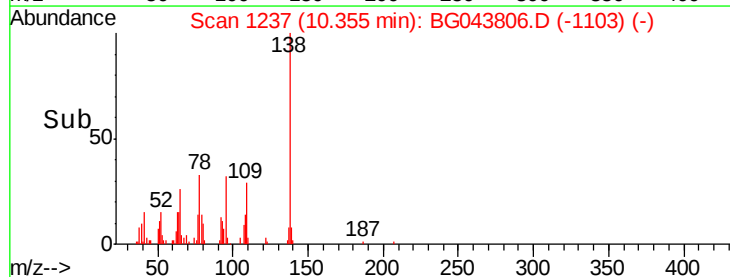
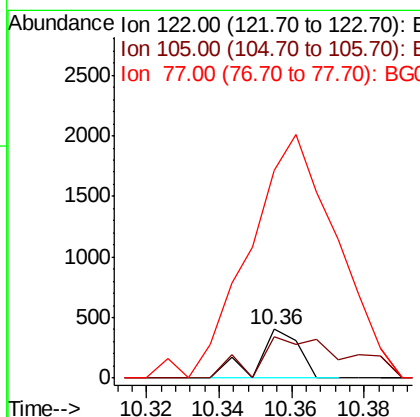
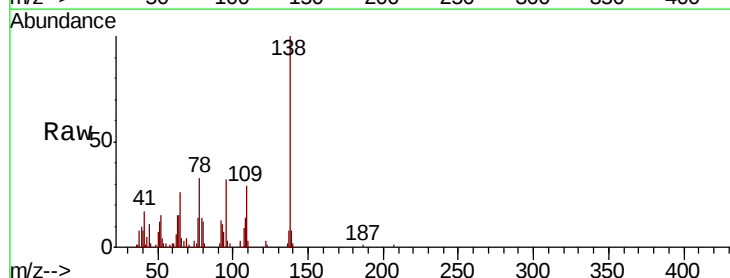
Instrument :
BNA_G
ClientSampleId :
CONCRETE-COMP-1

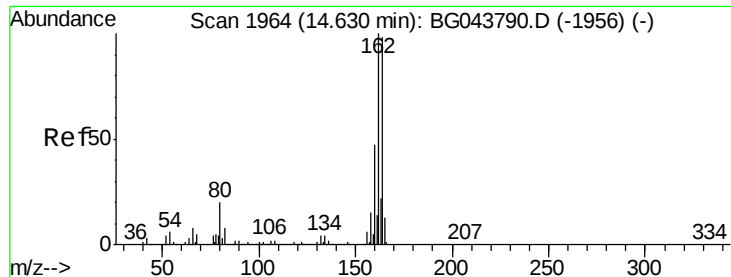
Tot Ion:139 Resp: 2219
Ion Ratio Lower Upper
139 100
109 276.9 23.9 35.9#
65 228.9 39.3 58.9#



#32
Benzoic acid
Concen: 5.716 ng
RT: 10.36 min Scan# 1237
Delta R.T. 0.25 min
Lab File: BG043806.D
Acq: 11 Dec 2019 22:04

Tgt Ion:122 Resp: 314
Ion Ratio Lower Upper
122 100
105 84.9 107.5 147.5#
77 424.6 71.7 111.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG043806.D

Acq: 11 Dec 2019 22:04

Instrument :

BNA_G

ClientSampleId :

CONCRETE-COMP-1

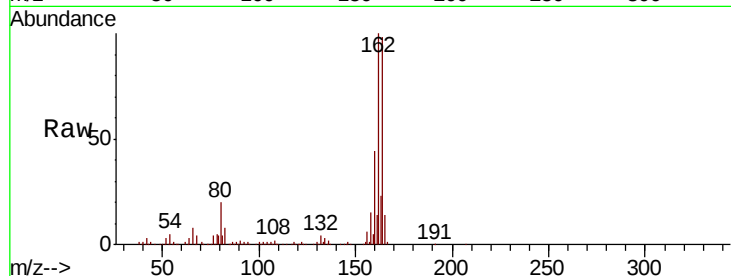
Tot Ion:164 Resp: 401963

Ion Ratio Lower Upper

164 100

162 101.8 81.9 122.9

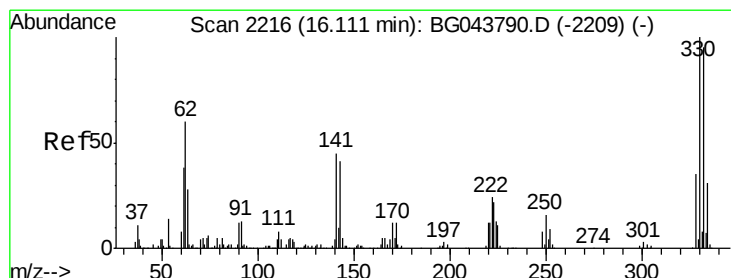
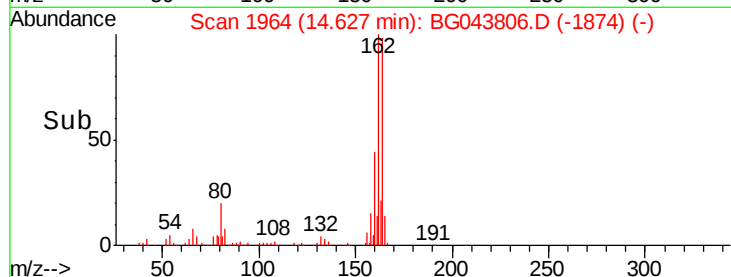
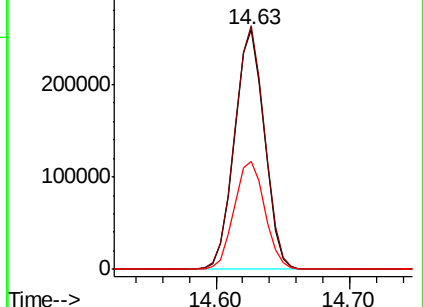
160 45.0 38.3 57.5



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: 121.832 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG043806.D

Acq: 11 Dec 2019 22:04

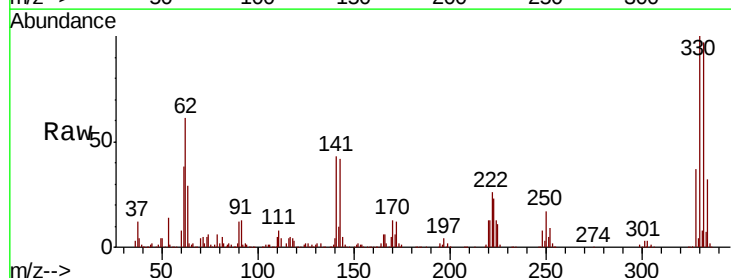
Tgt Ion:330 Resp: 466876

Ion Ratio Lower Upper

330 100

332 95.3 76.9 115.3

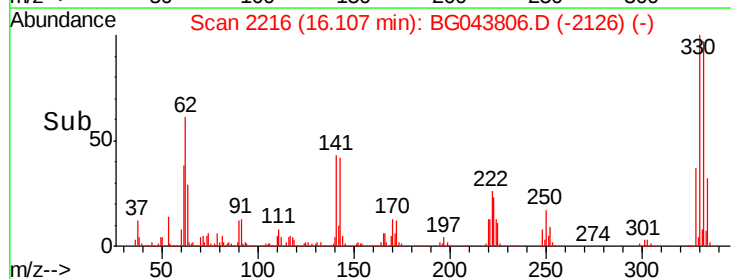
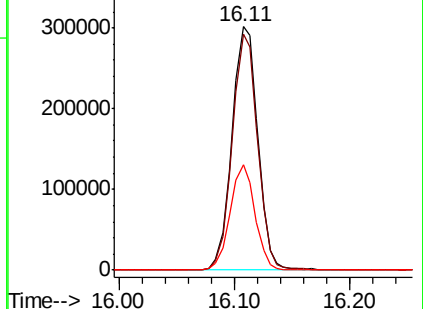
141 41.8 33.8 50.8

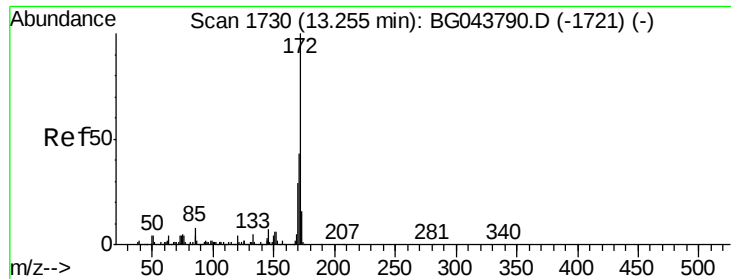


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

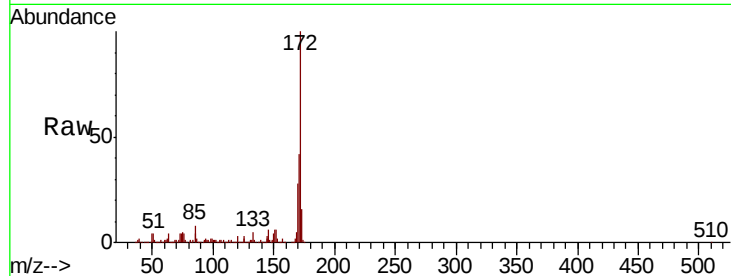




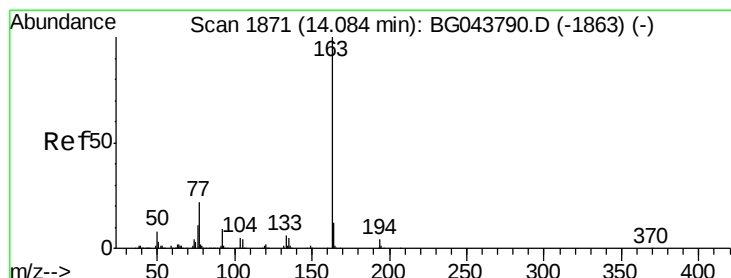
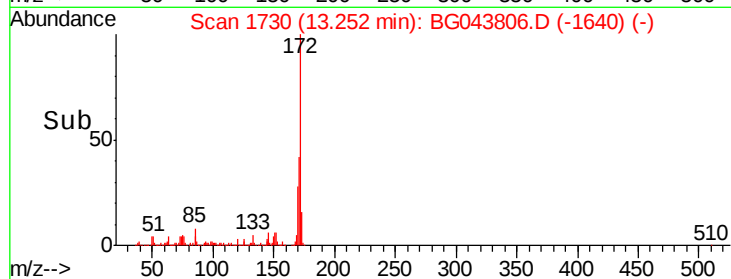
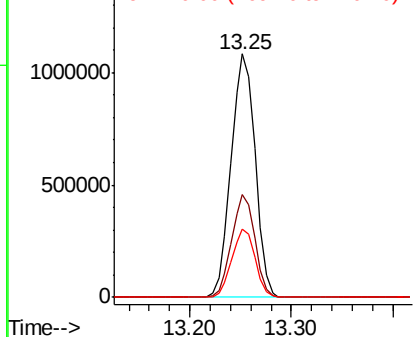
#45
2-Fluorobiphenyl
Concen: 77.869 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG043806.D
Acq: 11 Dec 2019 22:04

Instrument :
BNA_G
ClientSampleId :
CONCRETE-COMP-1

Tot Ion:172 Resp: 1781918
Ion Ratio Lower Upper
172 100
171 42.5 34.6 51.8
170 28.2 23.3 34.9

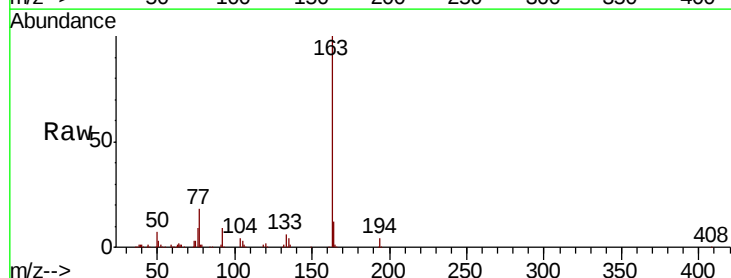


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

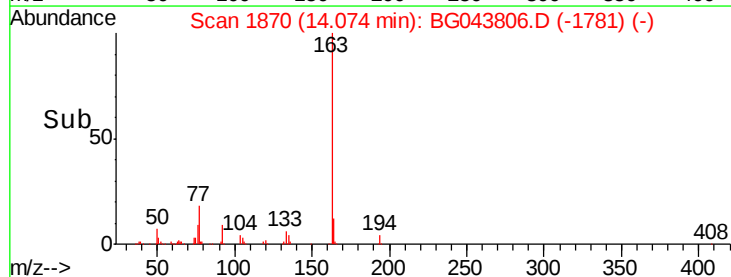
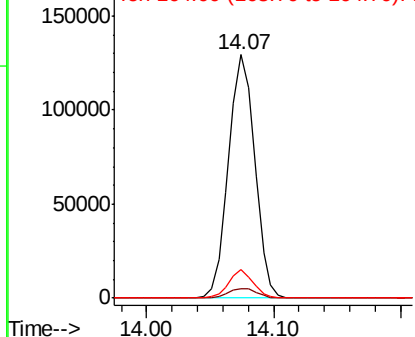


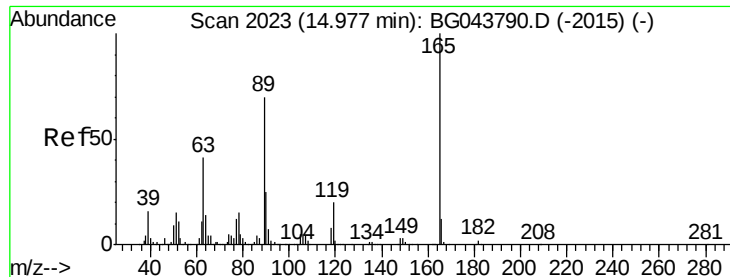
#50
Dimethylphthalate
Concen: 6.490 ng
RT: 14.07 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG043806.D
Acq: 11 Dec 2019 22:04

Tgt Ion:163 Resp: 186201
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 11.6 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

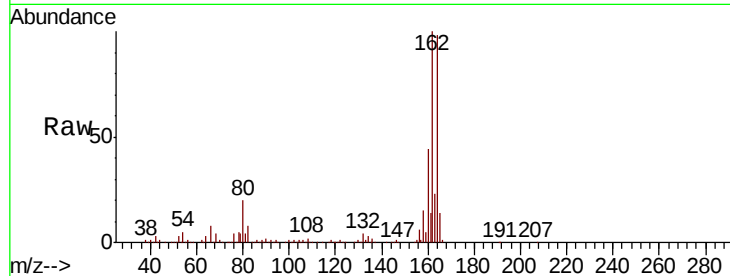




#57
2,4-Dinitrotoluene
Concen: 6.333 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.35 min
Lab File: BG043806.D
Acq: 11 Dec 2019 22:04

Instrument :
BNA_G
ClientSampleId :
CONCRETE-COMP-1

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.7	49.1#
89	1.6	56.1	84.1#
182	0.0	2.0	3.0#



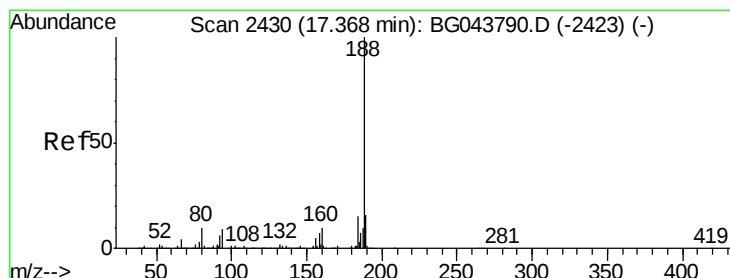
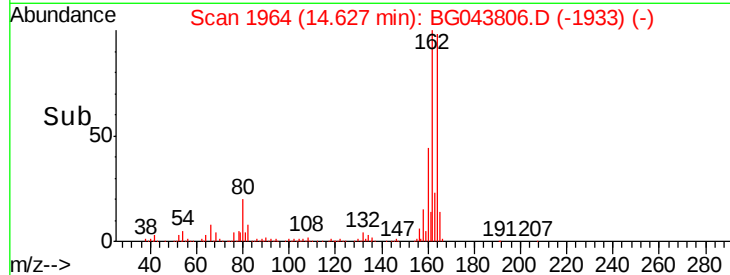
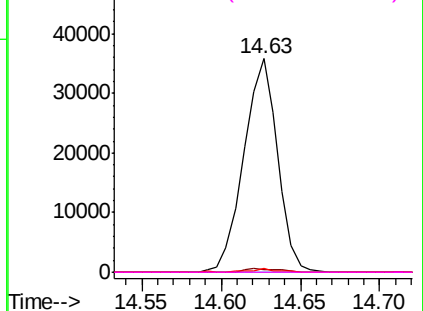
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

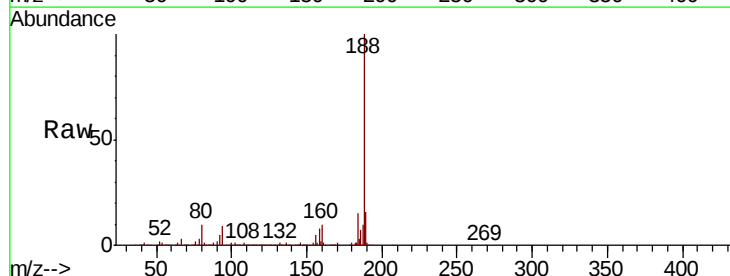
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG043806.D
Acq: 11 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.9	10.3
80	10.0	7.8	11.8

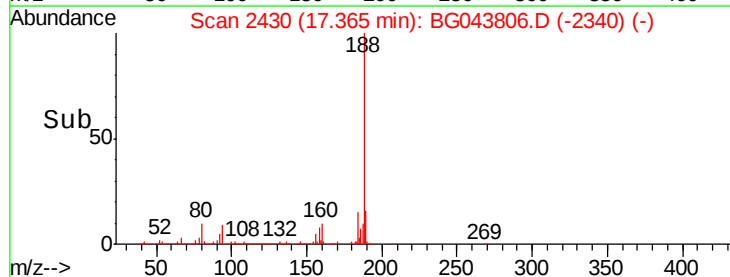
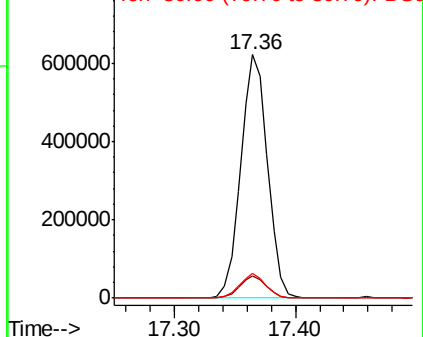


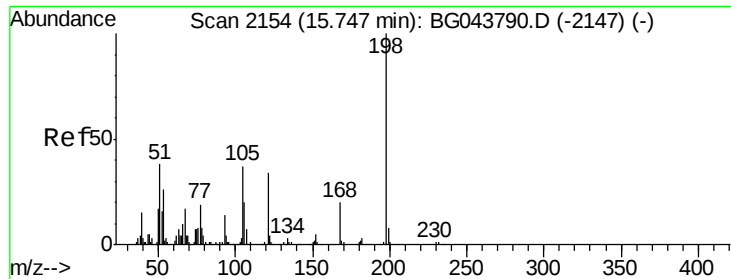
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 9.513 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.28 min

Lab File: BG043806.D

Acq: 11 Dec 2019 22:04

Instrument :

BNA_G

ClientSampleId :

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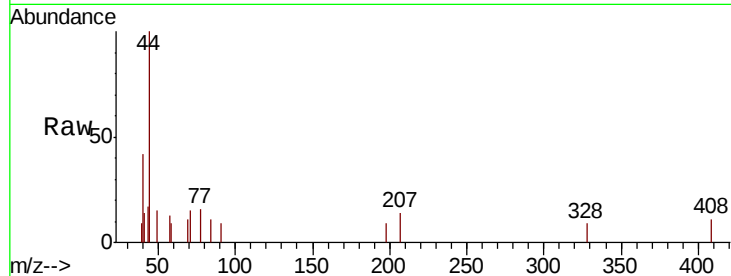
Tot Ion:198 Resp: 56

Ion Ratio Lower Upper

198 100

51 0.0 18.9 58.9#

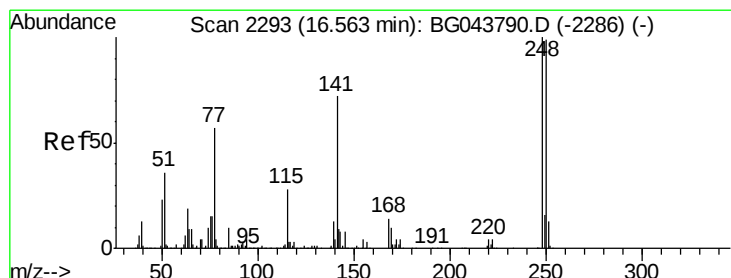
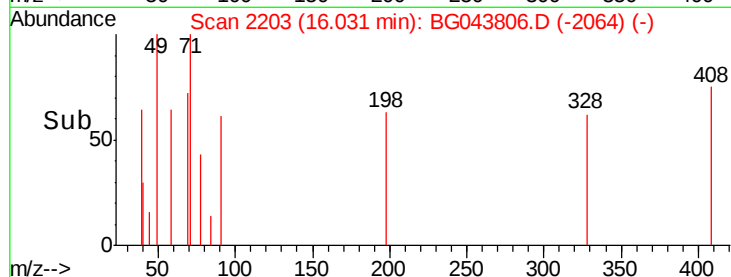
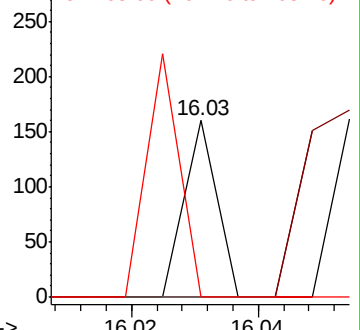
105 0.0 18.1 58.1#



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: 3.586 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.46 min

Lab File: BG043806.D

Acq: 11 Dec 2019 22:04

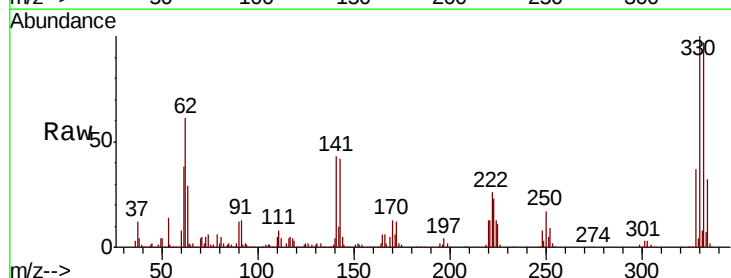
Tgt Ion:248 Resp: 36722

Ion Ratio Lower Upper

248 100

250 195.7 79.0 118.6#

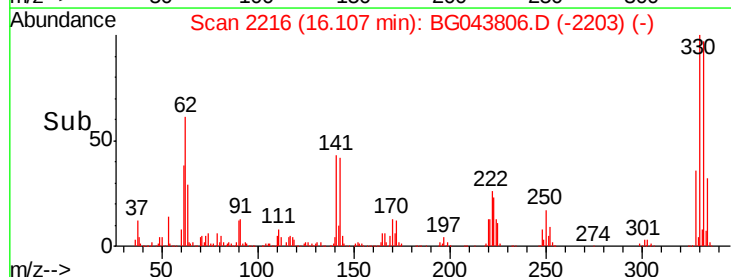
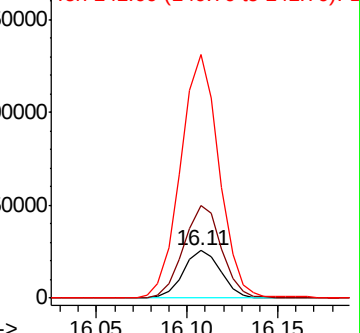
141 515.1 57.8 86.6#

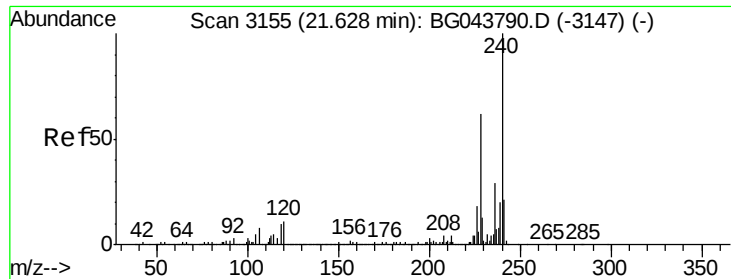


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

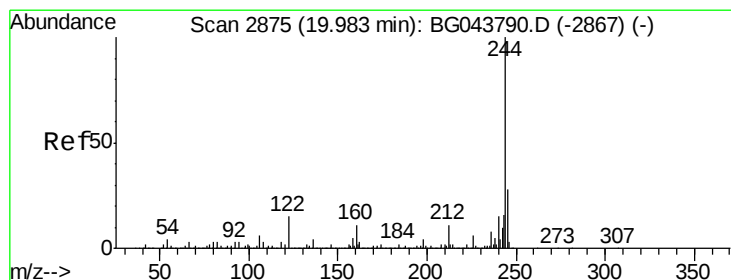
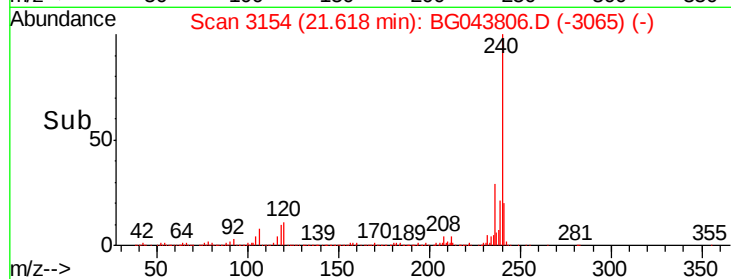
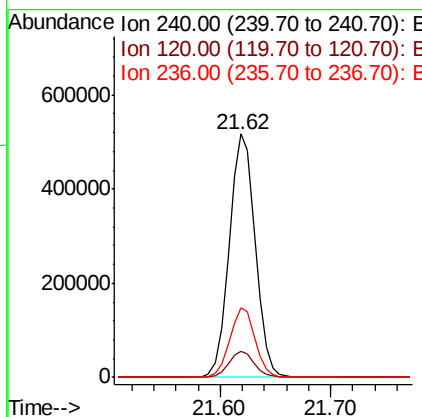
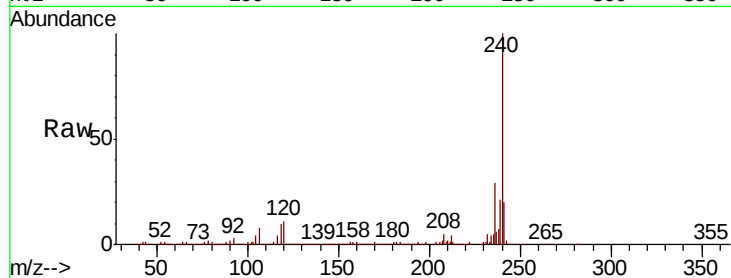




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG043806.D
Acq: 11 Dec 2019 22:04

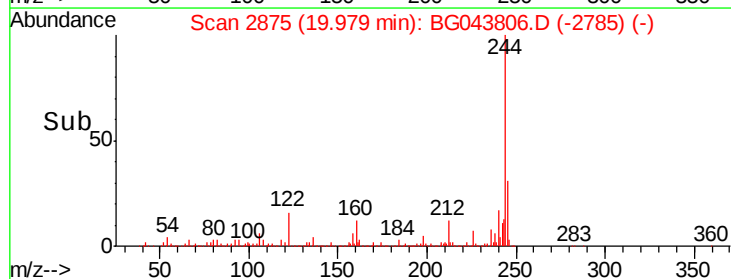
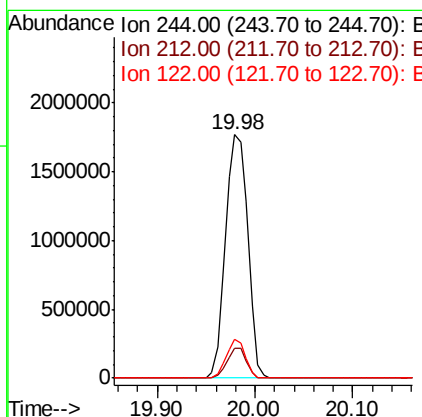
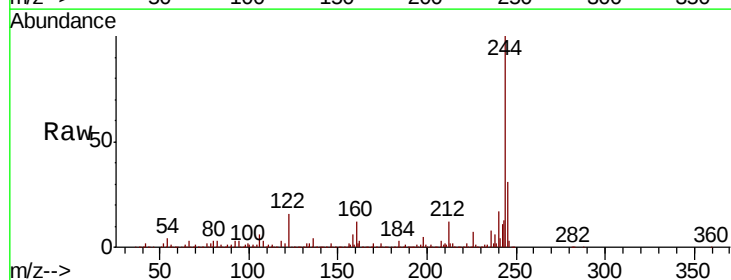
Instrument :
BNA_G
ClientSampleId :
CONCRETE-COMP-1

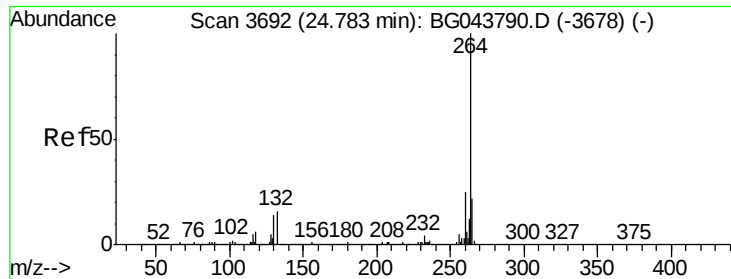
Tot Ion:240 Resp: 849057
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 28.6 23.1 34.7



#79
Terphenyl-d14
Concen: 79.224 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG043806.D
Acq: 11 Dec 2019 22:04

Tgt Ion:244 Resp: 2796020
Ion Ratio Lower Upper
244 100
212 12.4 9.1 13.7
122 15.7 11.6 17.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG043806.D
Acq: 11 Dec 2019 22:04

Instrument :
BNA_G
ClientSampleId :
CONCRETE-COMP-1

Tot Ion: 264 Resp: 948234

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.8	29.8
265	22.6	17.9	26.9

