

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
 Data File : BG042291.D
 Acq On : 17 Aug 2019 15:27
 Operator : HP/JU
 Sample : K3616-07MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMSD

Quant Time: Aug 19 05:57:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	60373	20.00	ng	-0.04
21) Naphthalene-d8	10.83	136	229670	20.00	ng	-0.04
39) Acenaphthene-d10	14.67	164	173416	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	417787	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	452884	20.00	ng	-0.04
87) Perylene-d12	24.95	264	545583	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	396036	127.63	ng	-0.03
7) Phenol-d6	7.17	99	504834	120.68	ng	-0.02
23) Nitrobenzene-d5	9.18	82	330548	99.04	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	356503	180.99	ng	-0.03
45) 2-Fluorobiphenyl	13.29	172	1002465	101.96	ng	-0.04
79) Terphenyl-d14	20.03	244	1909176	96.46	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	44872	30.724	ng	# 45
3) Pyridine	3.84	79	95216	23.774	ng	# 79
4) n-Nitrosodimethylamine	3.75	42	44303	27.904	ng	# 74
6) Aniline	7.33	93	72758	12.352	ng	93
8) 2-Chlorophenol	7.57	128	167427	47.120	ng	87
9) Benzaldehyde	7.14	77	55749	18.939	ng	81
10) Phenol	7.20	94	169947	39.049	ng	94
11) bis(2-Chloroethyl)ether	7.43	93	138300	38.654	ng	85
12) 1,3-Dichlorobenzene	7.90	146	191302	41.251	ng	96
13) 1,4-Dichlorobenzene	8.04	146	194054	41.819	ng	96
14) 1,2-Dichlorobenzene	8.37	146	184775	41.730	ng	94
15) Benzyl Alcohol	8.25	79	123754	37.602	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.54	45	181876	28.572	ng	89
17) 2-Methylphenol	8.45	107	136708	43.192	ng	95
18) Hexachloroethane	9.10	117	64763	40.755	ng	87
19) n-Nitroso-di-n-propylamine	8.82	70	110240	36.297	ng	# 80
20) 3+4-Methylphenols	8.79	107	187872	43.375	ng	96
22) Acetophenone	8.84	105	235165	45.777	ng	# 87
24) Nitrobenzene	9.22	77	161334	45.886	ng	91
25) Isophorone	9.75	82	315573	43.467	ng	93
26) 2-Nitrophenol	9.93	139	101807	62.389	ng	# 89
27) 2,4-Dimethylphenol	10.00	122	160450	55.711	ng	99
28) bis(2-Chloroethoxy)methane	10.23	93	197458	43.523	ng	99
29) 2,4-Dichlorophenol	10.48	162	195386	55.709	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	207196	46.586	ng	97
31) Naphthalene	10.88	128	509392	48.461	ng	97
32) Benzoic acid	10.13	122	57128	31.445	ng	94
33) 4-Chloroaniline	11.00	127	13108	2.630	ng	# 89
34) Hexachlorobutadiene	11.17	225	133188	44.371	ng	97
35) Caprolactam	11.76	113	18501	15.179	ng	# 62
36) 4-Chloro-3-methylphenol	12.12	107	186515	53.640	ng	95
37) 2-Methylnaphthalene	12.49	142	408370	49.082	ng	98
38) 1-Methylnaphthalene	12.71	142	392106	49.730	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	254583	46.378	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	239457	77.588	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	181701	52.371	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	200023	55.478	ng #	94
46) 1,1'-Biphenyl	13.50	154	542048	48.624	ng	95
47) 2-Chloronaphthalene	13.54	162	443575	46.736	ng	94
48) 2-Nitroaniline	13.74	65	108814	45.205	ng #	69
49) Acenaphthylene	14.39	152	715372	50.389	ng	97
50) Dimethylphthalate	14.12	163	620364	52.380	ng	99
51) 2,6-Dinitrotoluene	14.24	165	145729	58.844	ng #	78
52) Acenaphthene	14.73	154	423897	45.908	ng	99
53) 3-Nitroaniline	14.56	138	46568	17.577	ng #	83
54) 2,4-Dinitrophenol	14.78	184	108768	74.372	ng #	77
55) Dibenzofuran	15.07	168	707828	50.117	ng	94
56) 4-Nitrophenol	14.89	139	232372	115.545	ng #	80
57) 2,4-Dinitrotoluene	15.03	165	208275	61.154	ng #	83
58) Fluorene	15.72	166	584829	51.599	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	202600	56.736	ng #	90
60) Diethylphthalate	15.48	149	594013	51.086	ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	340419	49.198	ng	92
62) 4-Nitroaniline	15.73	138	143740	50.089	ng	91
63) Azobenzene	16.00	77	418729	44.084	ng	87
65) 4,6-Dinitro-2-methylphenol	15.80	198	102046	49.633	ng	80
66) n-Nitrosodiphenylamine	15.92	169	560458	49.248	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	240125	46.660	ng	96
68) Hexachlorobenzene	16.73	284	249170	46.280	ng #	89
69) Atrazine	16.87	200	214674	48.011	ng	99
70) Pentachlorophenol	17.07	266	317163	103.698	ng	98
71) Phenanthrene	17.46	178	1012092	50.539	ng	94
72) Anthracene	17.56	178	1027377	51.440	ng	94
73) Carbazole	17.82	167	947714	52.868	ng	94
74) Di-n-butylphthalate	18.38	149	1068406	52.572	ng #	95
75) Fluoranthene	19.48	202	1313845	53.975	ng	92
77) Benzidine	19.65	184	246079	16.647	ng	95
78) Pyrene	19.83	202	1317806	49.112	ng	92
80) Butylbenzylphthalate	20.72	149	535642	52.066	ng #	85
81) Benzo(a)anthracene	21.68	228	1324911	49.447	ng	94
82) 3,3'-Dichlorobenzidine	21.59	252	266619	24.783	ng #	96
83) Chrysene	21.74	228	1274517	49.622	ng	94
84) Bis(2-ethylhexyl)phthalate	21.59	149	751548	52.960	ng	97
85) Di-n-octyl phthalate	22.81	149	1277861	53.506	ng #	86
86) Indeno(1,2,3-cd)pyrene	28.67	276	1741268	51.213	ng #	95
88) Benzo(b)fluoranthene	23.92	252	1443946	48.380	ng #	96
89) Benzo(k)fluoranthene	23.98	252	1444501	49.686	ng #	96
90) Benzo(a)pyrene	24.79	252	1442339	50.389	ng #	95
91) Dibenzo(a,h)anthracene	28.72	278	1426988	50.771	ng #	97
92) Benzo(g,h,i)perylene	29.83	276	1452744	51.735	ng #	93

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

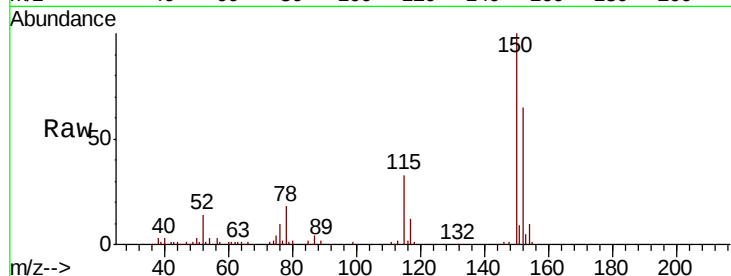


#1

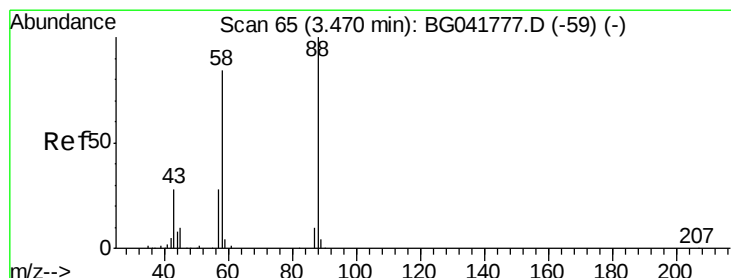
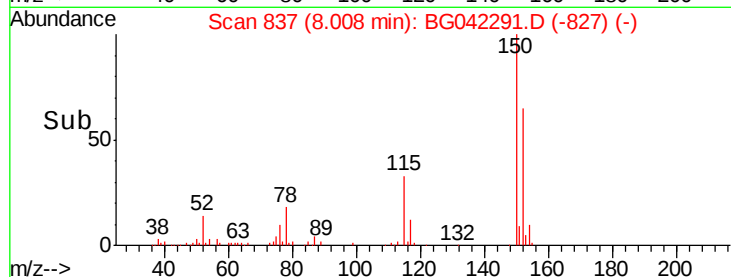
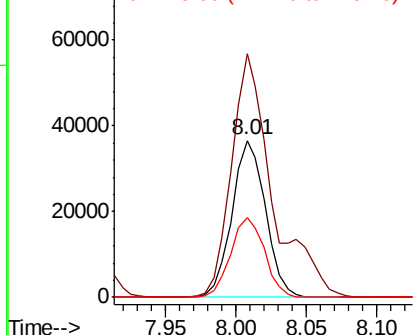
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.04 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

Tgt Ion:152 Resp: 60373
Ion Ratio Lower Upper
152 100
150 155.0 126.9 190.3
115 50.7 45.0 67.6



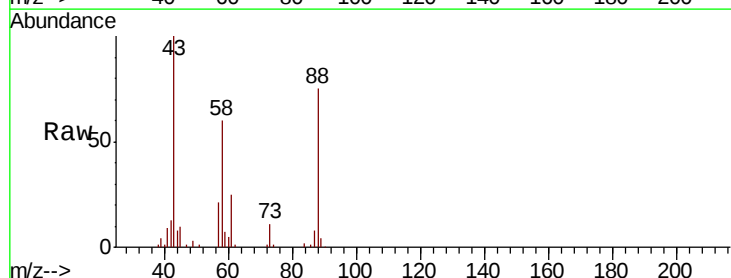
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



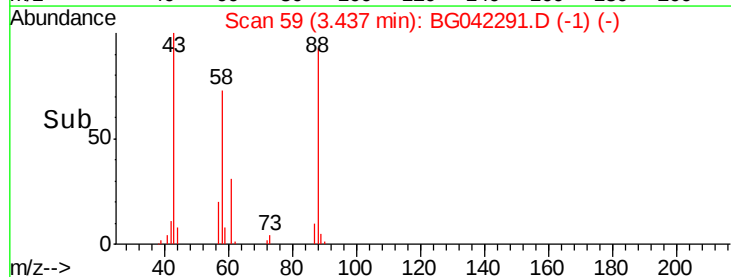
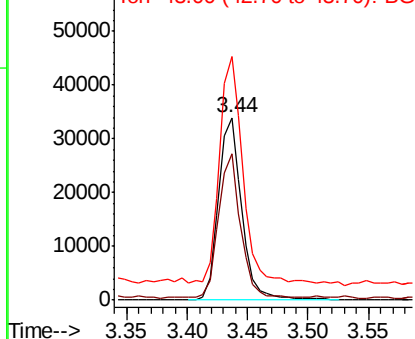
#2

1,4-Dioxane
Concen: 30.724 ng
RT: 3.44 min Scan# 59
Delta R.T. -0.03 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion: 88 Resp: 44872
Ion Ratio Lower Upper
88 100
58 76.4 76.2 114.2
43 123.0 27.2 40.8#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 23.774 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.03 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

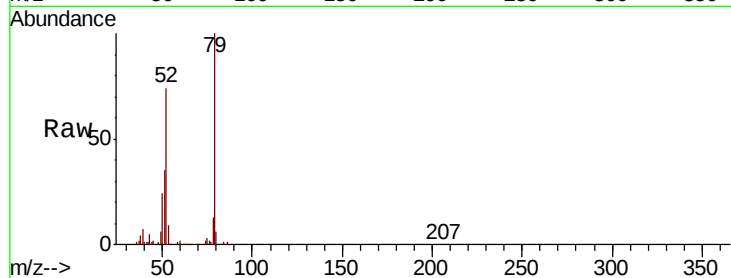
Tgt Ion: 79 Resp: 95216

Ion Ratio Lower Upper

79 100

52 74.5 77.1 115.7#

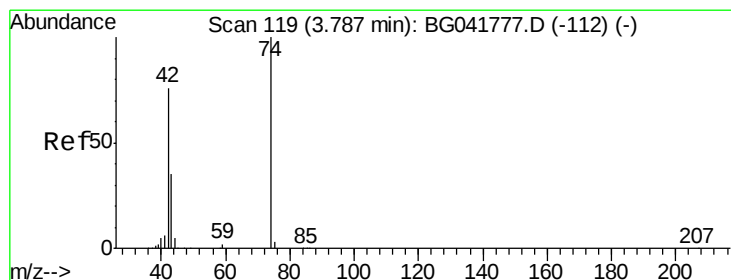
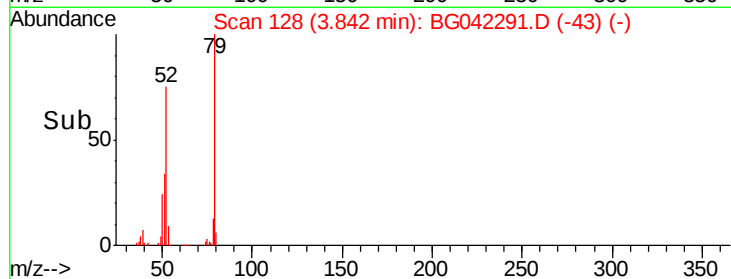
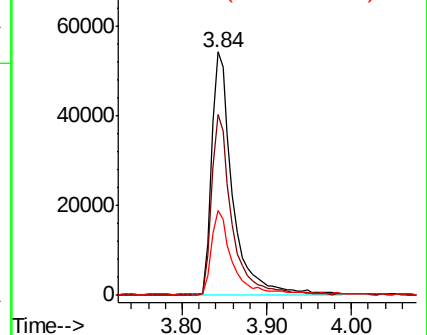
51 34.8 37.8 56.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 27.904 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.04 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

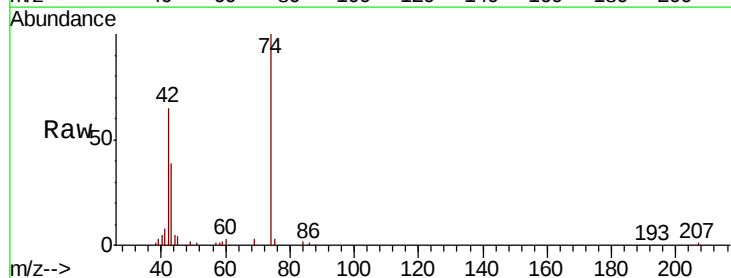
Tgt Ion: 42 Resp: 44303

Ion Ratio Lower Upper

42 100

74 152.9 97.4 146.2#

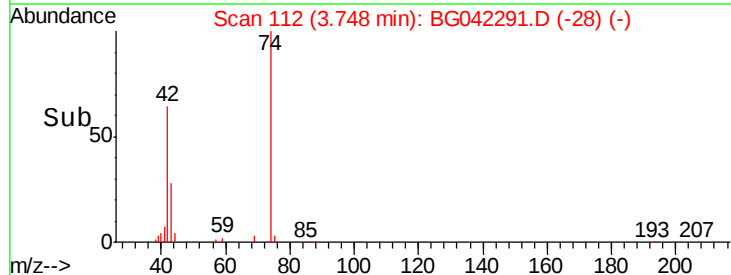
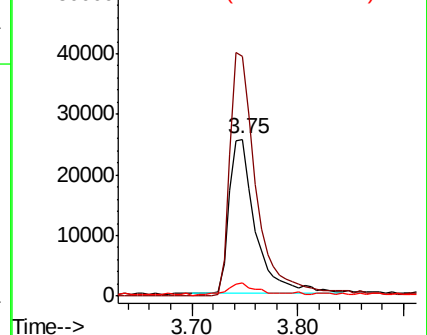
44 8.0 6.6 9.8



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 127.629 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.03 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

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ClientSampleId :

JC-03-081519-AMSD

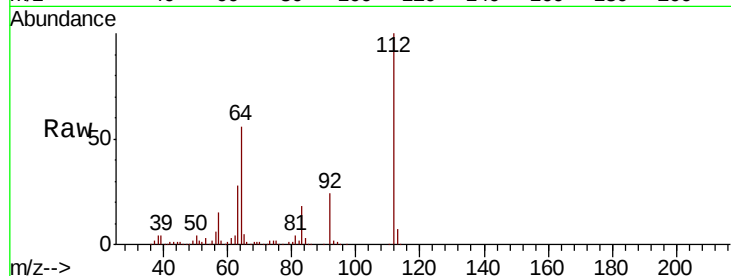
Tgt Ion:112 Resp: 396036

Ion Ratio Lower Upper

112 100

64 55.6 55.4 83.2

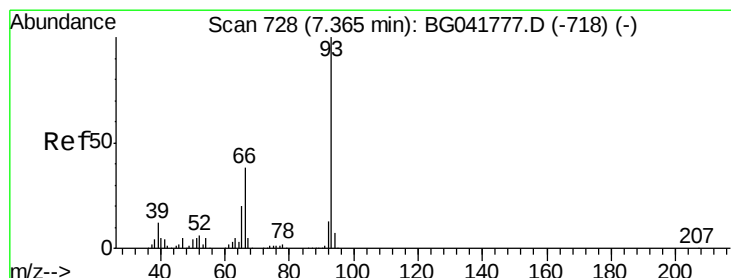
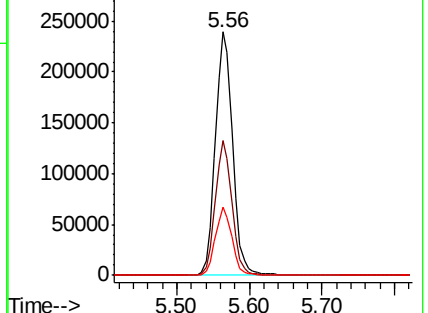
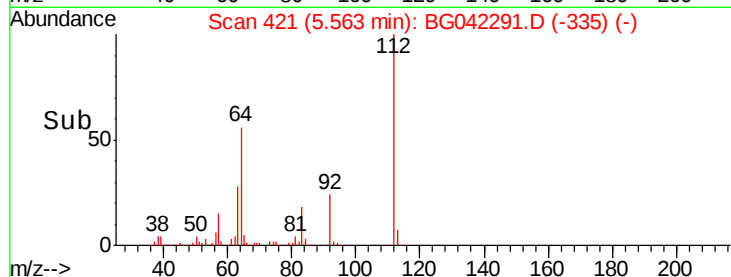
63 28.2 29.1 43.7#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.352 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.04 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

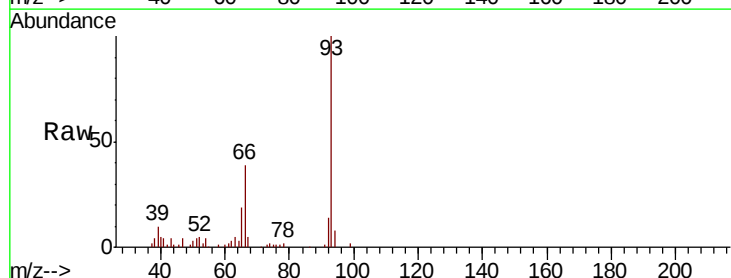
Tgt Ion: 93 Resp: 72758

Ion Ratio Lower Upper

93 100

66 38.7 34.2 51.2

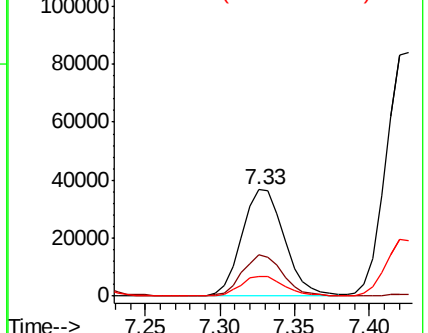
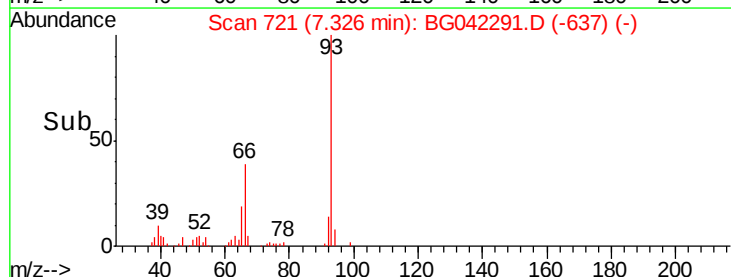
65 18.7 18.2 27.2



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.676 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

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BNA_G

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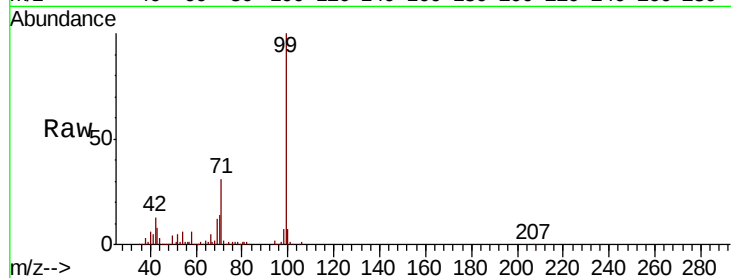
Tgt Ion: 99 Resp: 504834

Ion Ratio Lower Upper

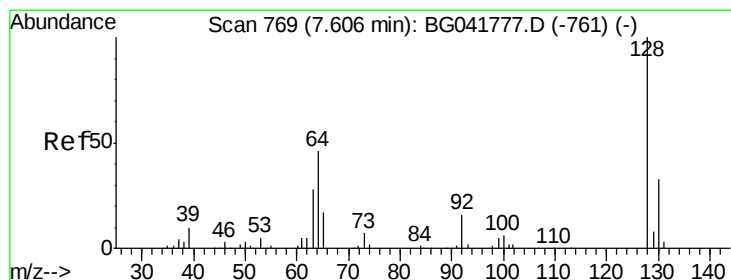
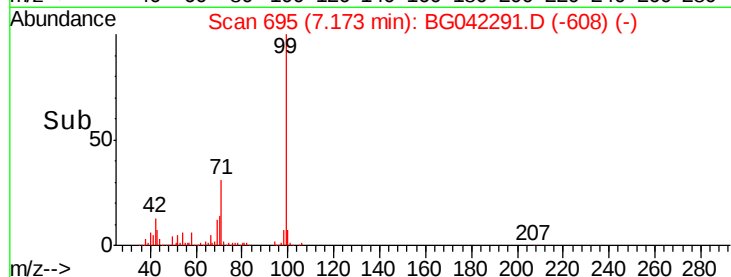
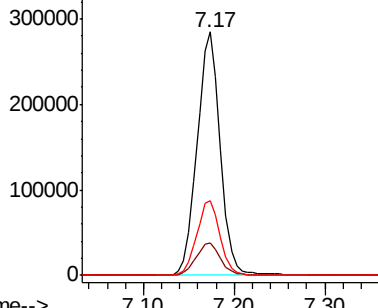
99 100

42 13.4 17.6 26.4#

71 30.9 27.8 41.6



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



#8

2-Chlorophenol

Concen: 47.120 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.03 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

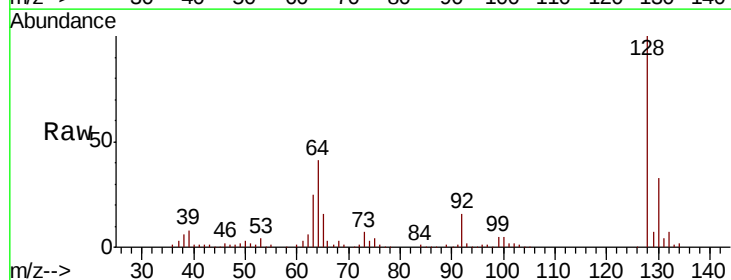
Tgt Ion: 128 Resp: 167427

Ion Ratio Lower Upper

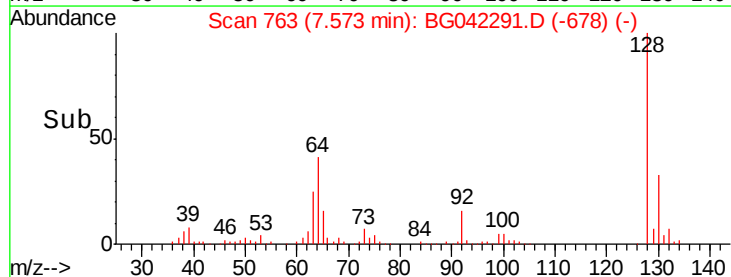
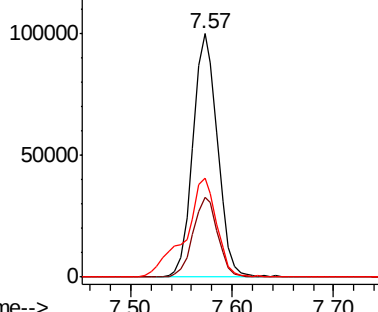
128 100

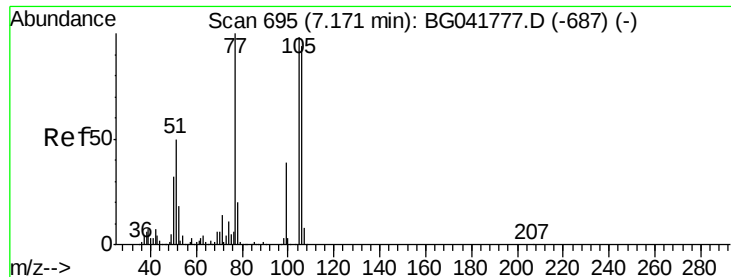
130 32.9 12.4 52.4

64 40.8 34.9 74.9



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 18.939 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

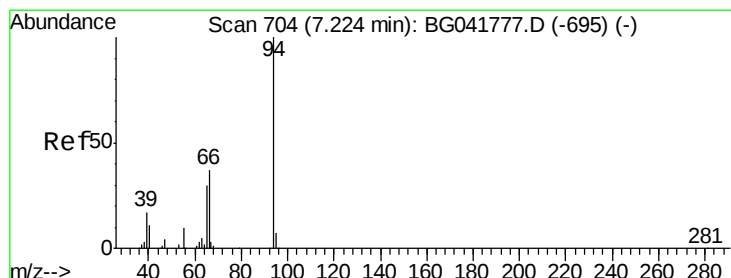
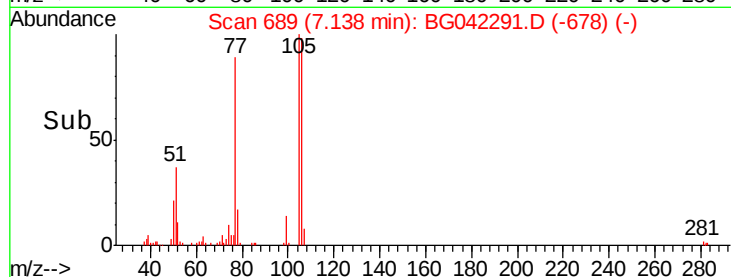
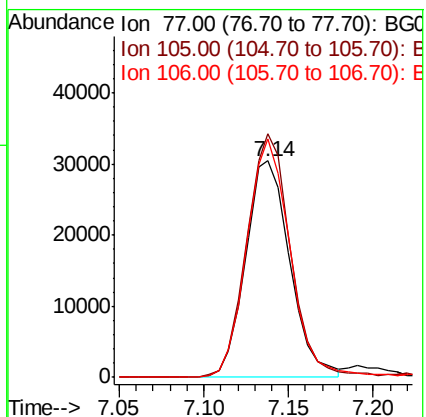
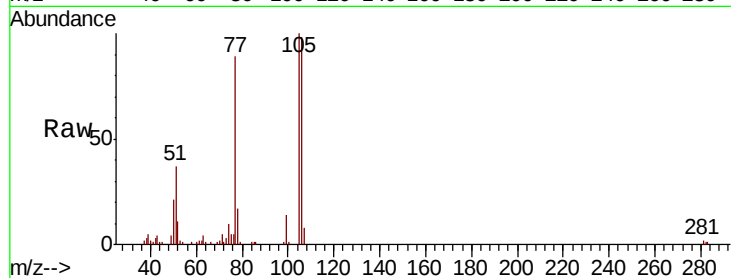
Tgt Ion: 77 Resp: 55749

Ion Ratio Lower Upper

77 100

105 112.5 74.6 114.6

106 110.3 71.1 111.1



#10

Phenol

Concen: 39.049 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.03 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

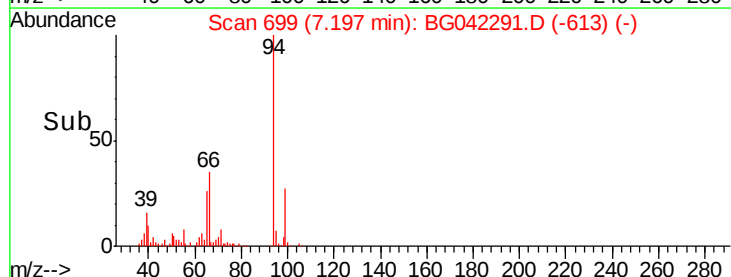
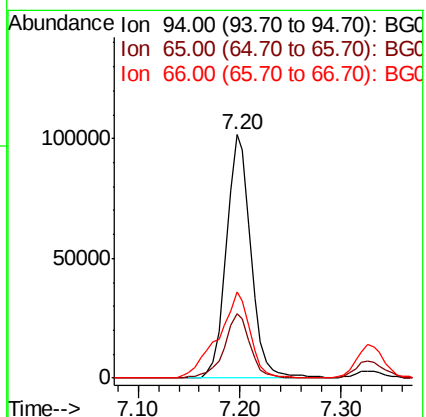
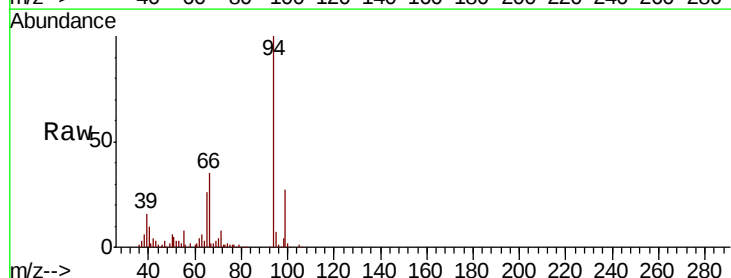
Tgt Ion: 94 Resp: 169947

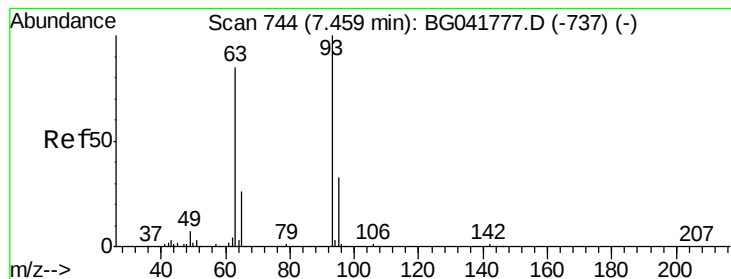
Ion Ratio Lower Upper

94 100

65 26.4 10.6 50.6

66 35.3 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 38.654 ng

RT: 7.43 min Scan# 738

Delta R.T. -0.03 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

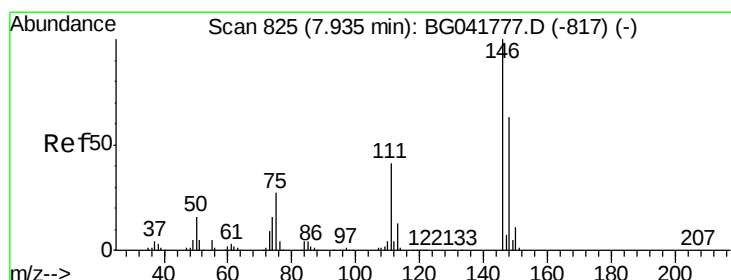
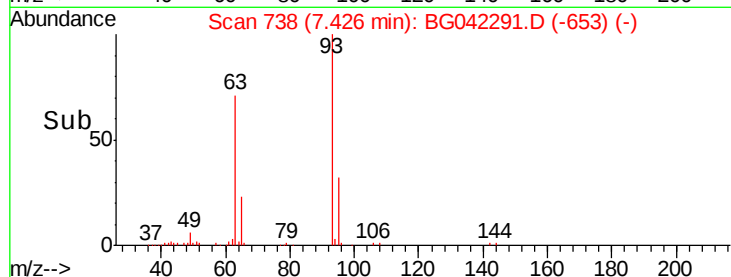
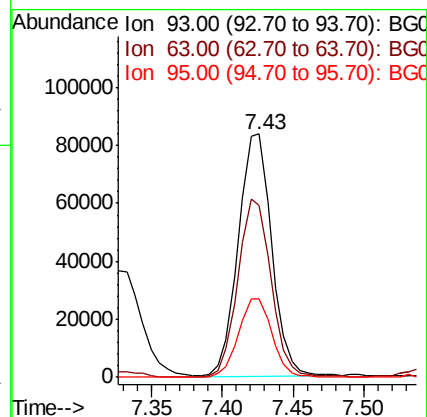
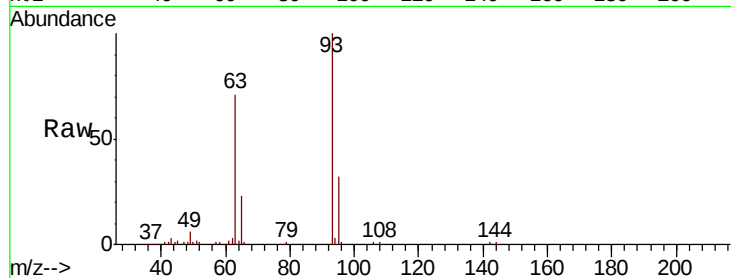
Tgt Ion: 93 Resp: 138300

Ion Ratio Lower Upper

93 100

63 70.9 70.4 110.4

95 32.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.251 ng

RT: 7.90 min Scan# 818

Delta R.T. -0.04 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

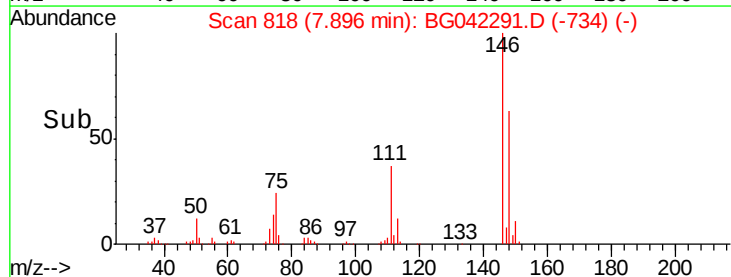
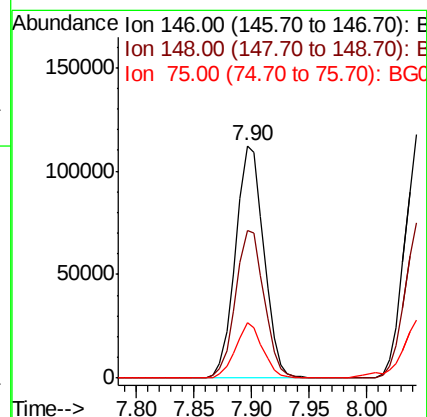
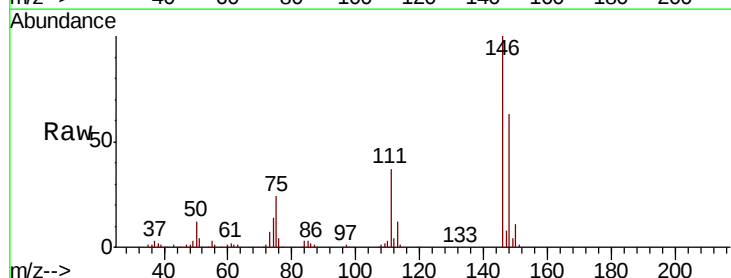
Tgt Ion: 146 Resp: 191302

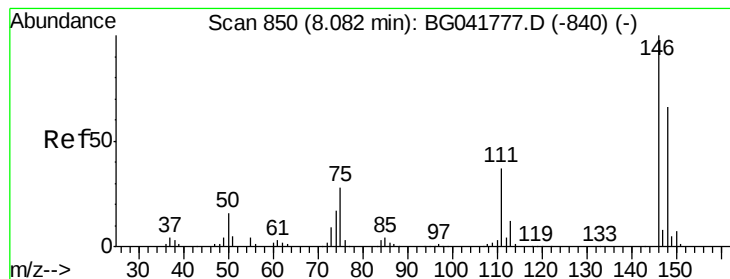
Ion Ratio Lower Upper

146 100

148 63.4 51.5 77.3

75 23.7 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 41.819 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.04 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

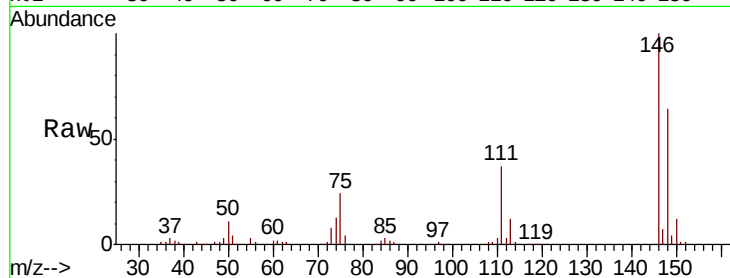
Tgt Ion:146 Resp: 194054

Ion Ratio Lower Upper

146 100

148 63.9 52.6 79.0

111 36.7 32.5 48.7

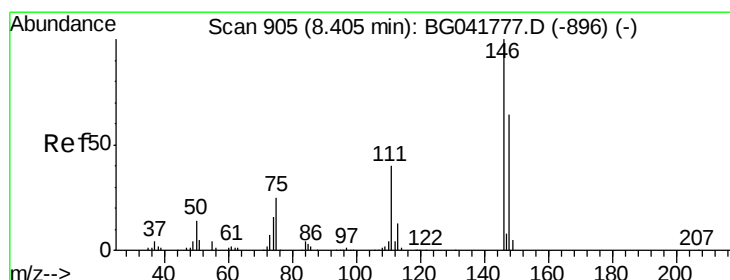
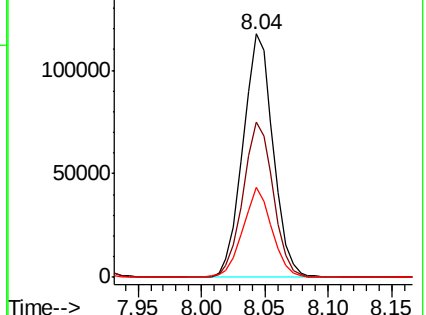
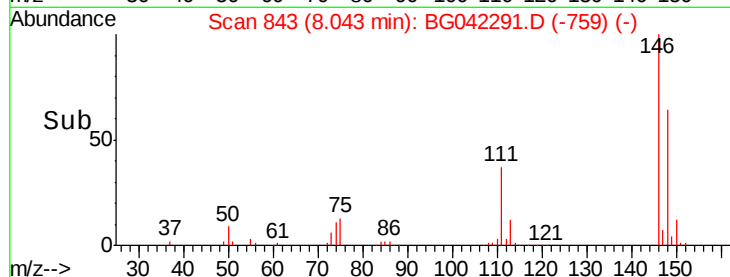


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.730 ng

RT: 8.37 min Scan# 898

Delta R.T. -0.04 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

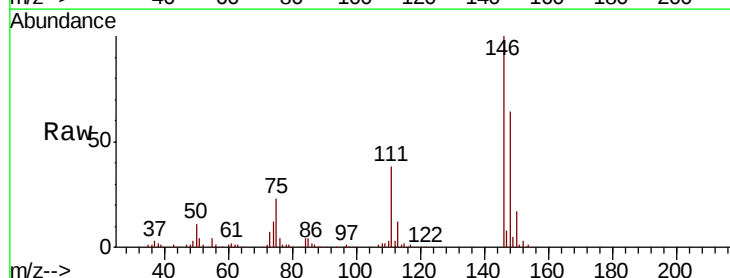
Tgt Ion:146 Resp: 184775

Ion Ratio Lower Upper

146 100

148 63.7 53.5 80.3

111 38.0 35.4 53.0

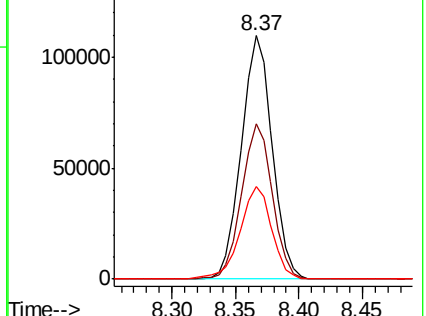
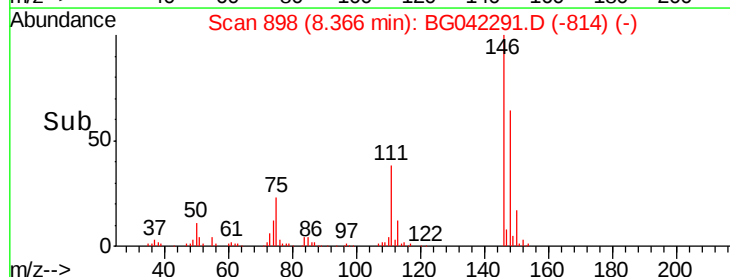


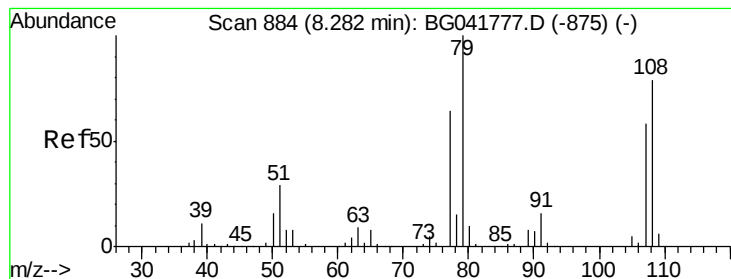
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.602 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.03 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

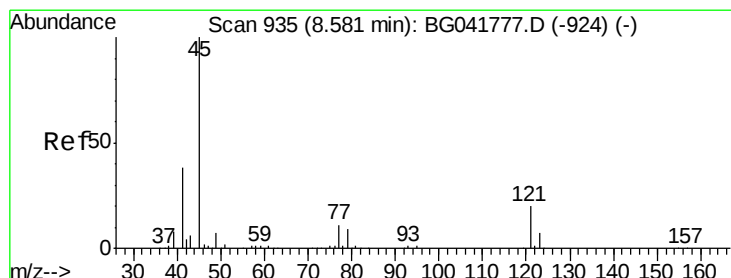
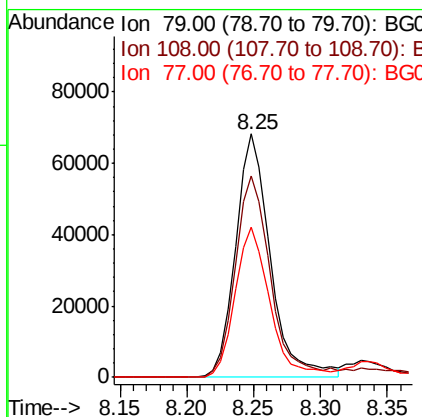
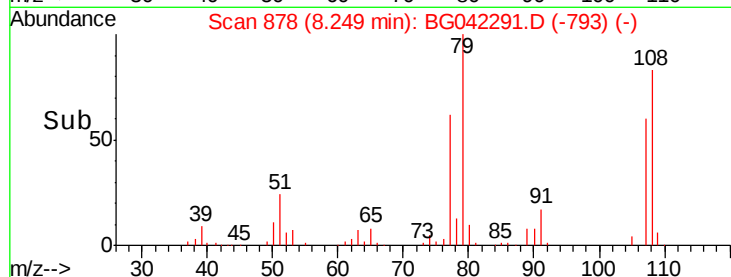
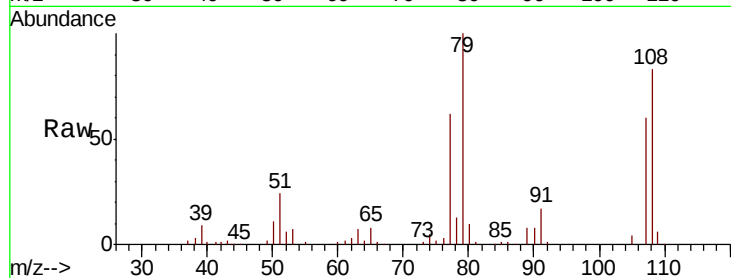
Tgt Ion: 79 Resp: 123754

Ion Ratio Lower Upper

79 100

108 82.8 60.5 90.7

77 61.9 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.572 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.04 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

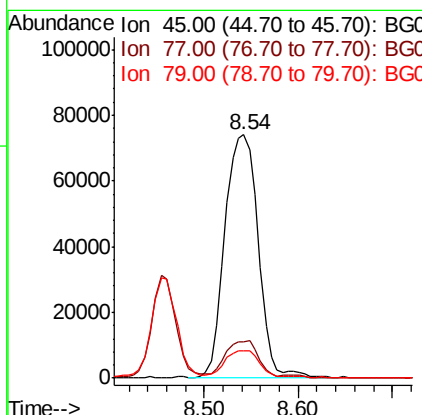
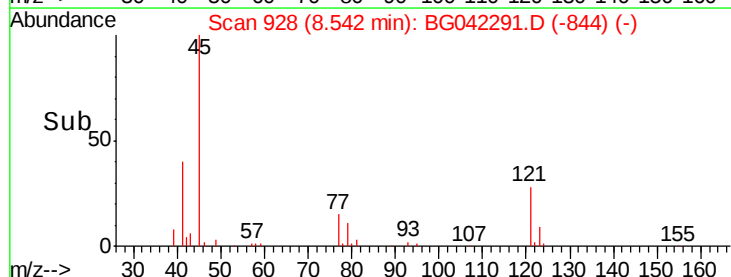
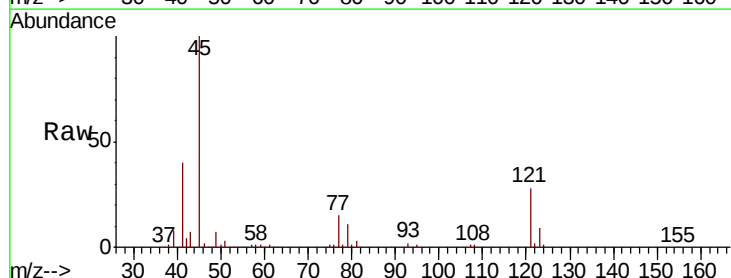
Tgt Ion: 45 Resp: 181876

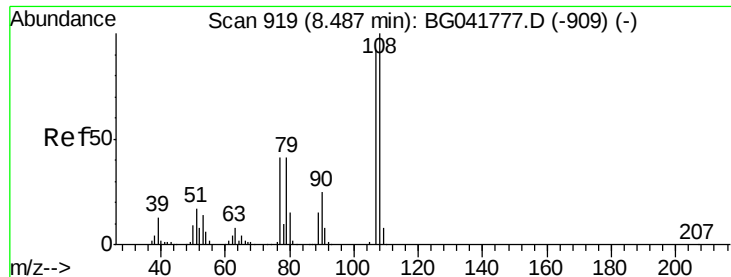
Ion Ratio Lower Upper

45 100

77 14.9 0.0 30.4

79 11.4 0.0 27.9

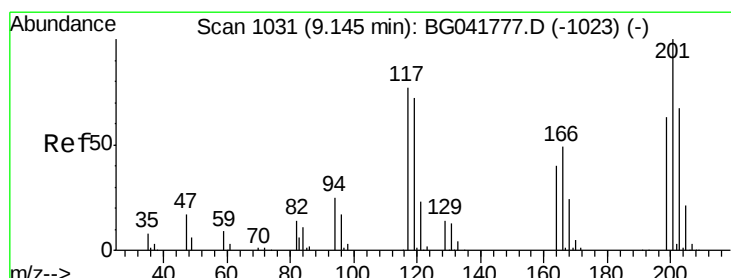
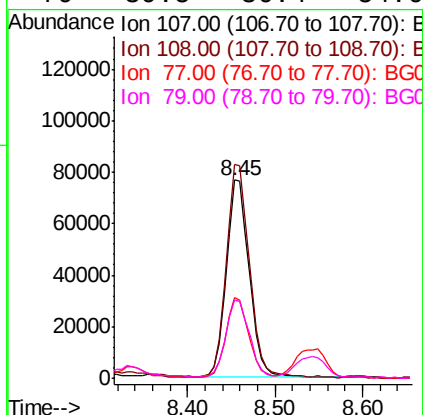
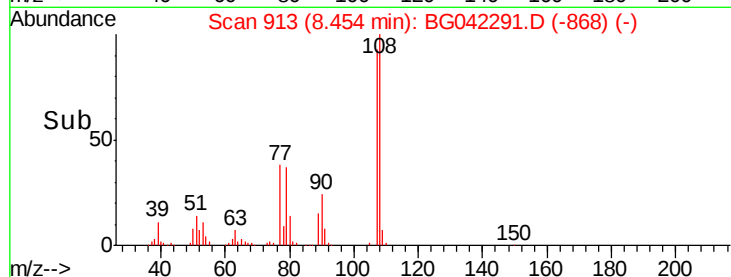
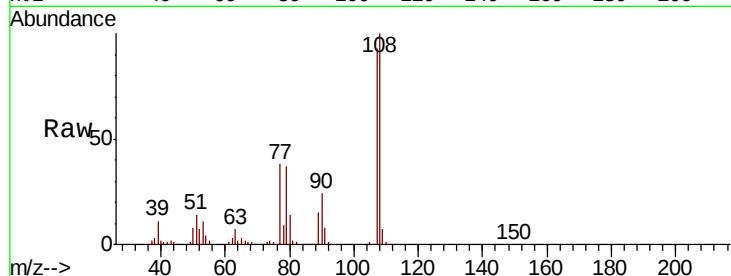




#17
2-Methylphenol
Concen: 43.192 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.03 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

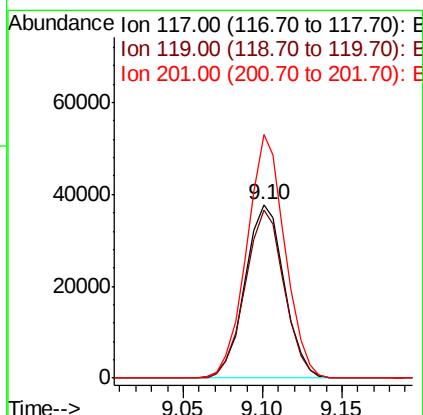
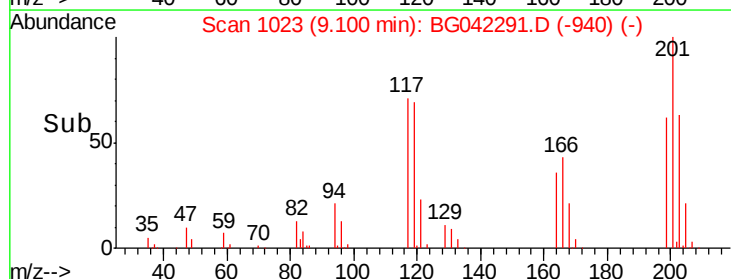
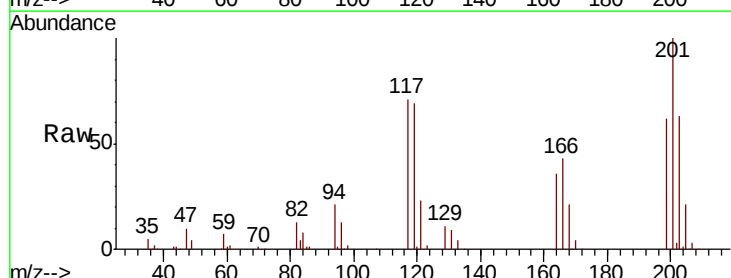
Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

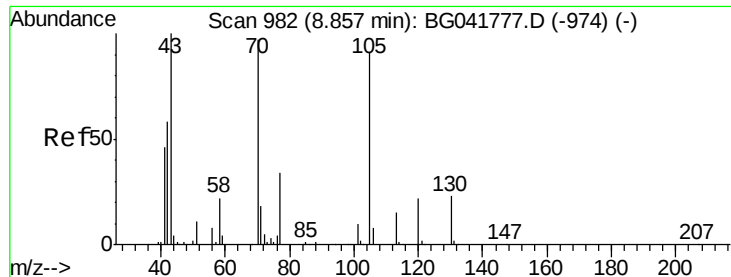
Tgt Ion	Ratio	Lower	Upper
107	100		
108	107.7	87.6	131.4
77	40.5	36.1	54.1
79	39.5	36.4	54.6



#18
Hexachloroethane
Concen: 40.755 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.04 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.2	114.2
201	140.6	94.1	141.1

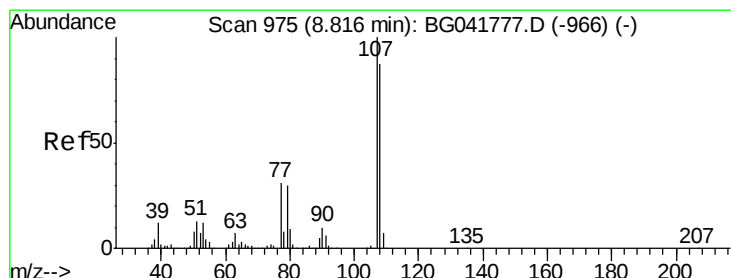
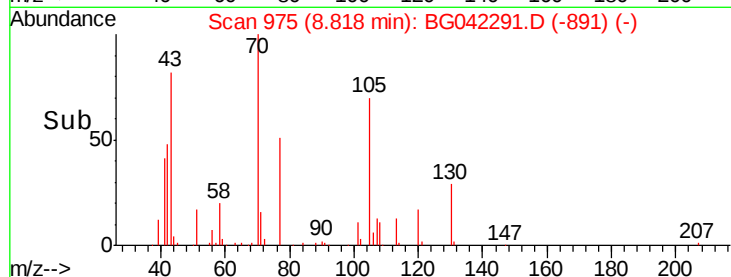
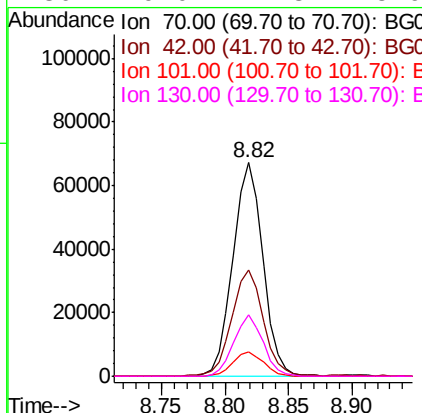
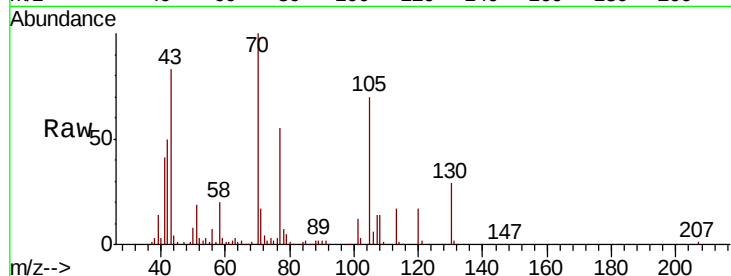




#19
n-Nitroso-di-n-propylamine
Concen: 36.297 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.04 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

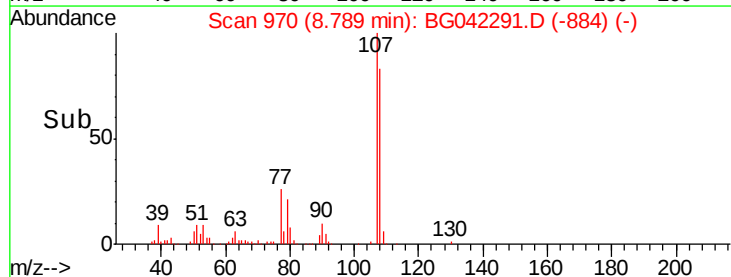
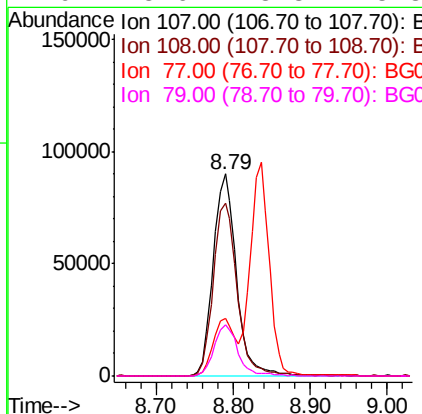
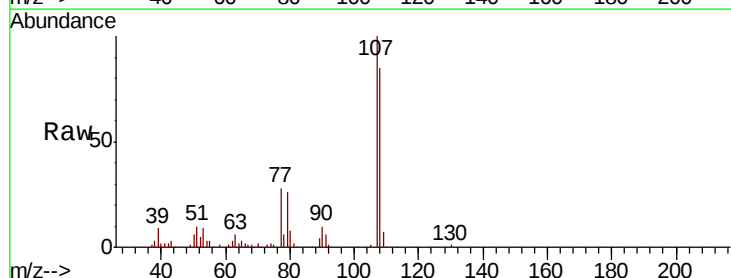
Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

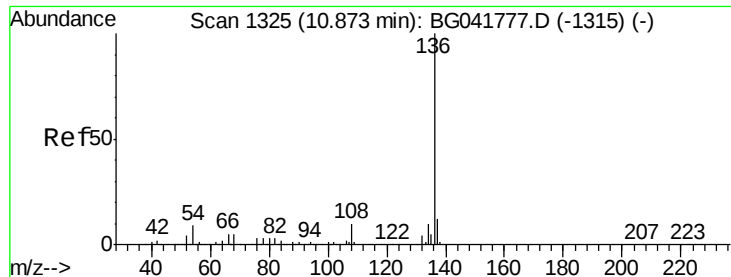
Tgt Ion:	70	Resp:	110240
Ion	Ratio	Lower	Upper
70	100		
42	50.1	55.8	83.6#
101	11.6	8.1	12.1
130	29.0	17.3	25.9#



#20
3+4-Methylphenols
Concen: 43.375 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.03 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion:	107	Resp:	187872
Ion	Ratio	Lower	Upper
107	100		
108	85.2	67.5	107.5
77	28.3	12.3	52.3
79	25.6	8.3	48.3

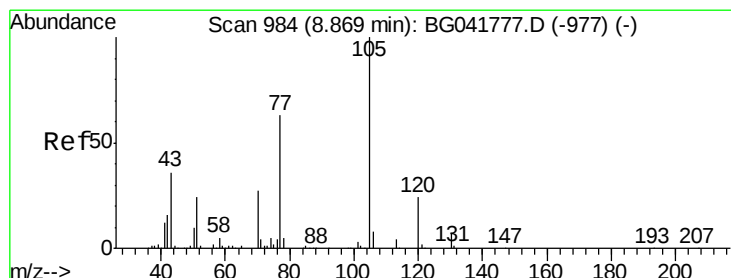
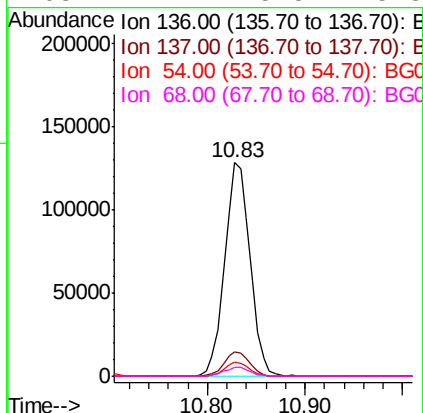
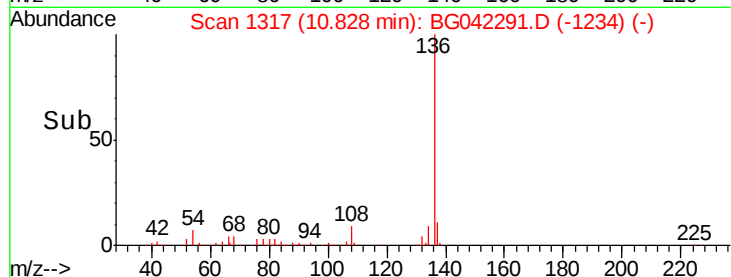
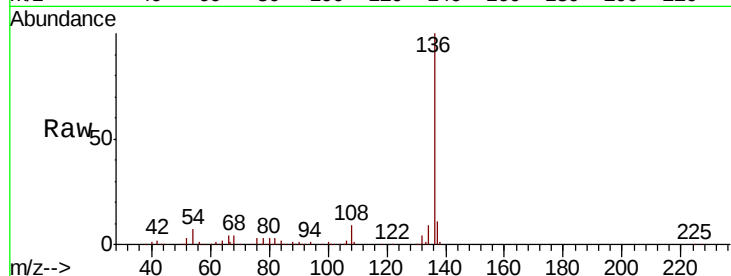




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.04 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

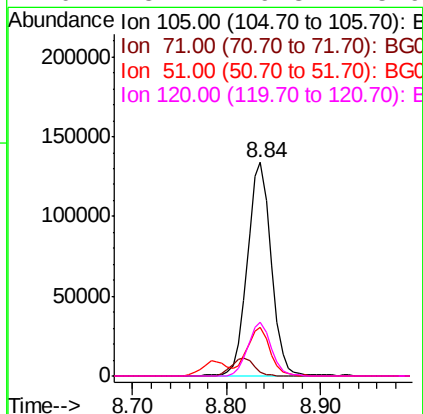
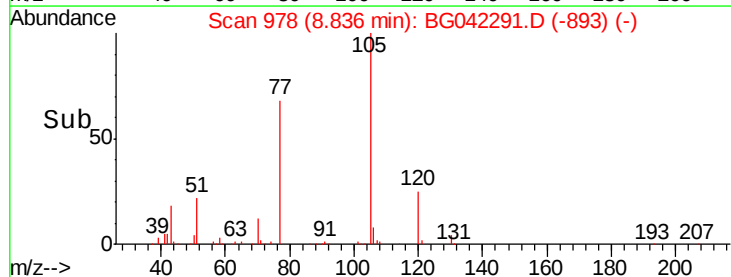
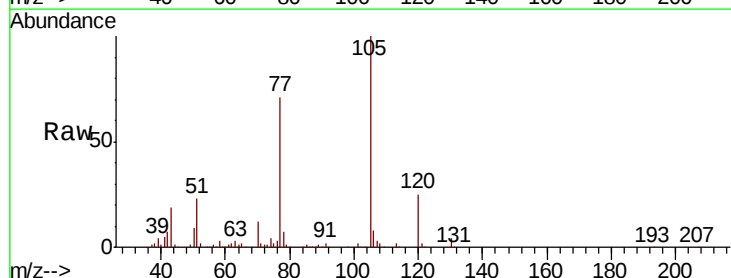
Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

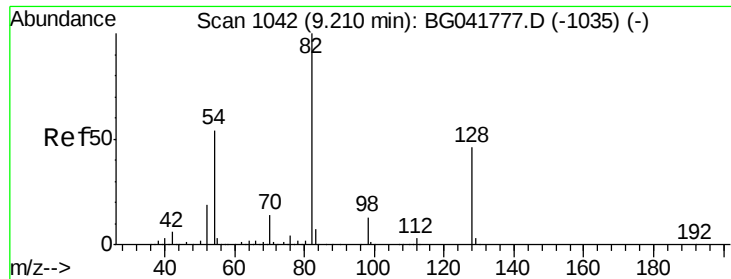
Tgt Ion:	136	Resp:	229670
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	6.6	8.7	13.1#
68	4.4	5.5	8.3#



#22
Acetophenone
Concen: 45.777 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.03 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion:	105	Resp:	235165
Ion	Ratio	Lower	Upper
105	100		
71	1.8	5.9	8.9#
51	22.9	27.7	41.5#
120	25.1	19.3	28.9

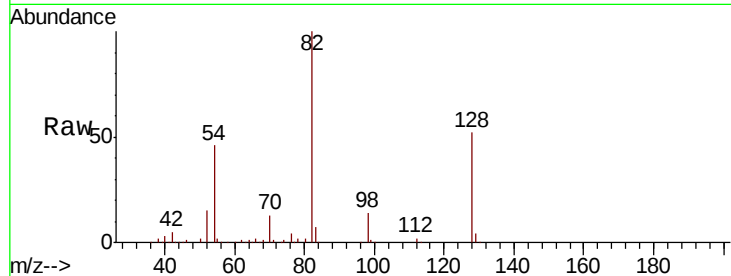




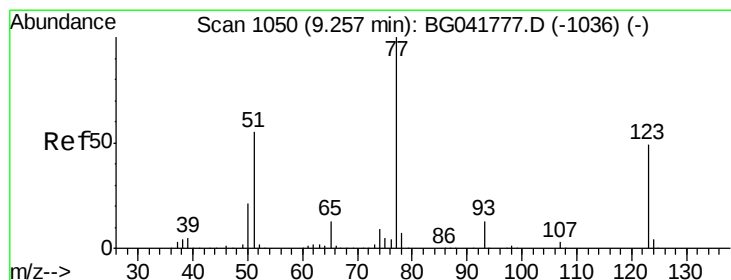
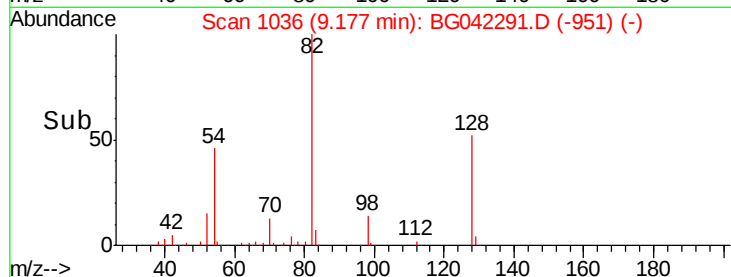
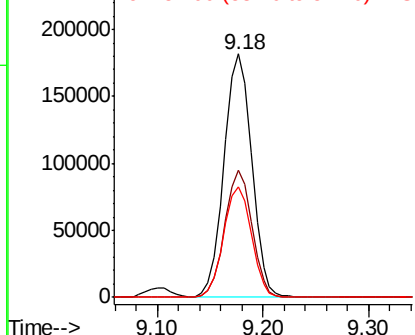
#23
 Nitrobenzene-d5
 Concen: 99.042 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMSD

Tgt Ion: 82 Resp: 330548
 Ion Ratio Lower Upper
 82 100
 128 52.2 35.1 52.7
 54 45.5 48.7 73.1#

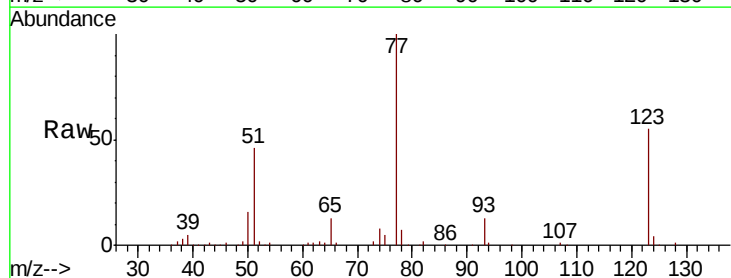


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

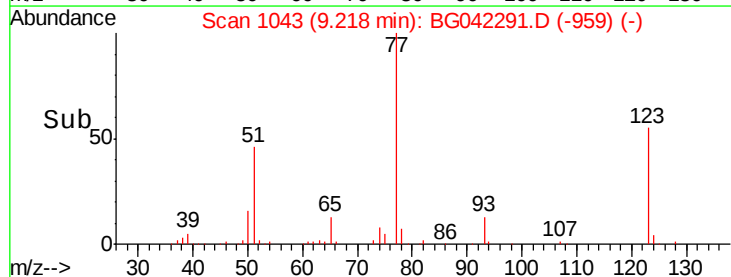
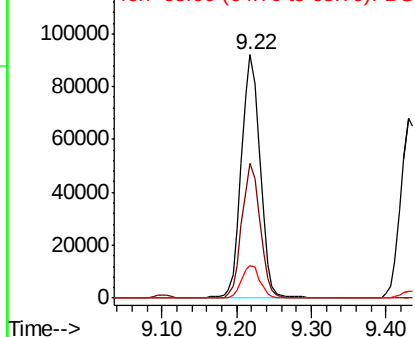


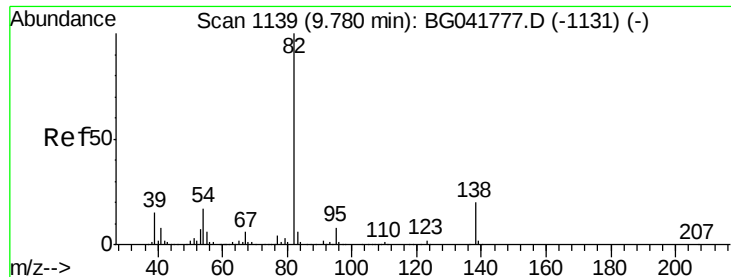
#24
 Nitrobenzene
 Concen: 45.886 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.04 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Tgt Ion: 77 Resp: 161334
 Ion Ratio Lower Upper
 77 100
 123 55.3 38.1 57.1
 65 13.4 11.0 16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 43.467 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.03 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

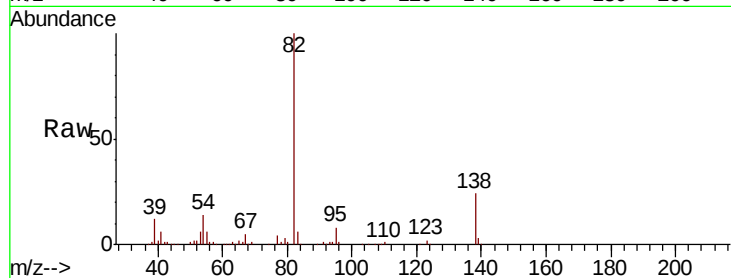
Tgt Ion: 82 Resp: 315573

Ion Ratio Lower Upper

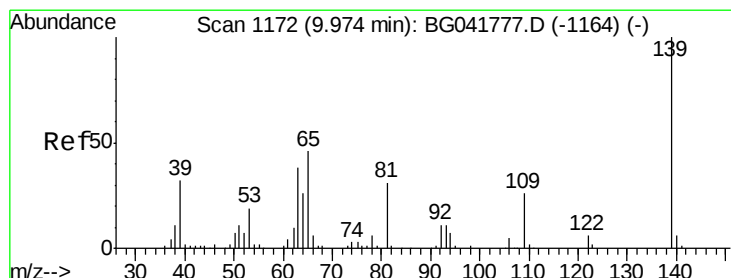
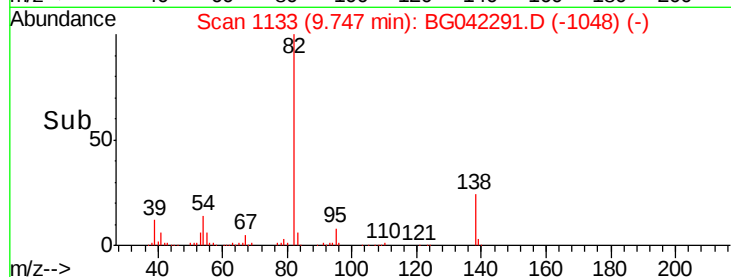
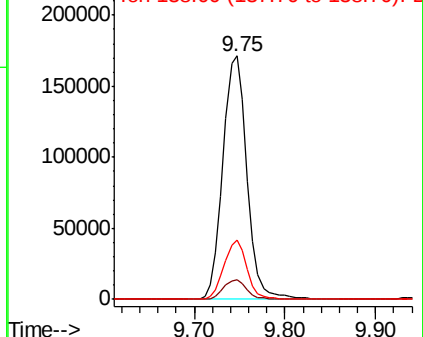
82 100

95 8.2 5.9 8.9

138 24.1 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 62.389 ng

RT: 9.93 min Scan# 1165

Delta R.T. -0.04 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

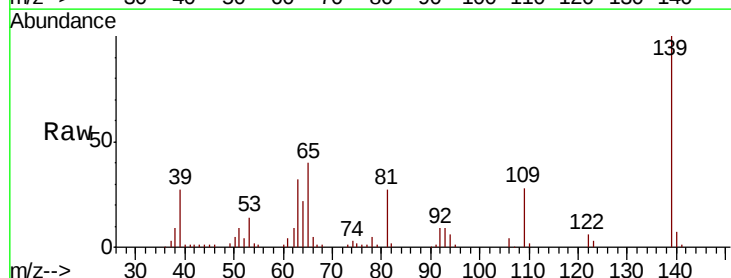
Tgt Ion: 139 Resp: 101807

Ion Ratio Lower Upper

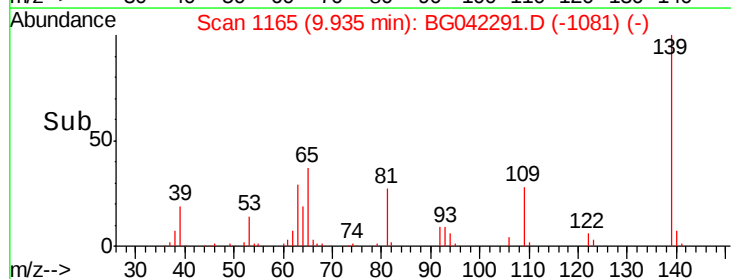
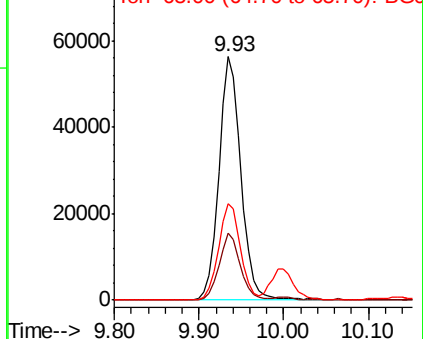
139 100

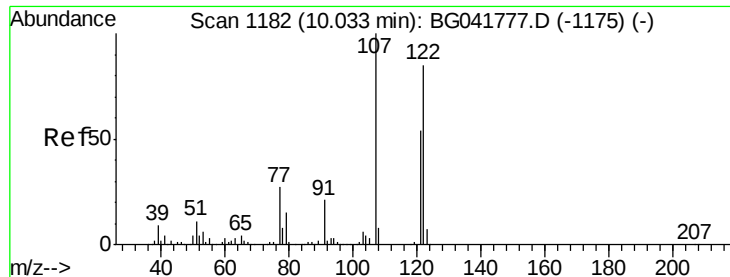
109 27.8 22.7 34.1

65 39.8 41.1 61.7#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

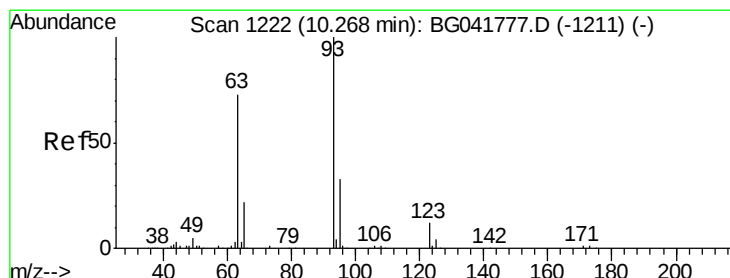
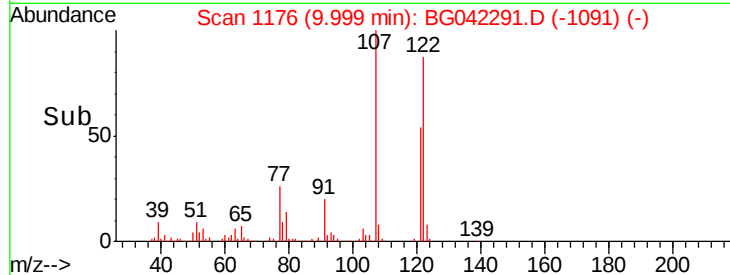
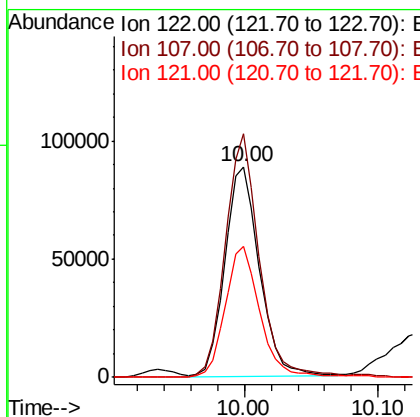
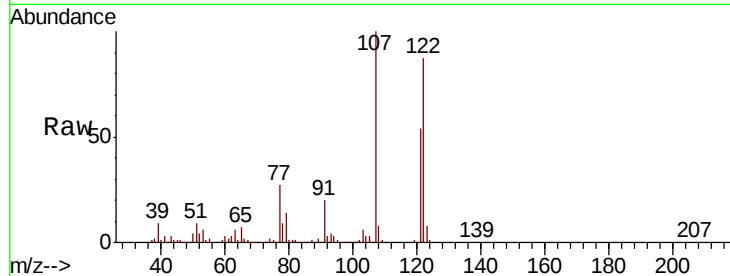




#27
2,4-Dimethylphenol
Concen: 55.711 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.03 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

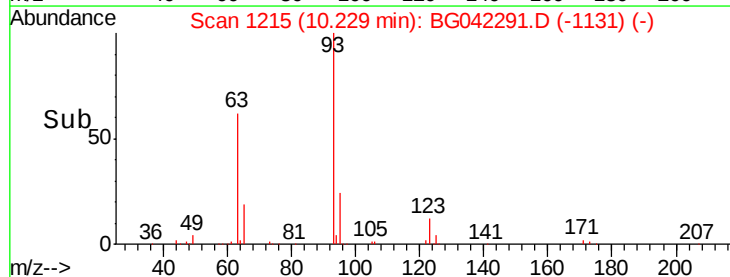
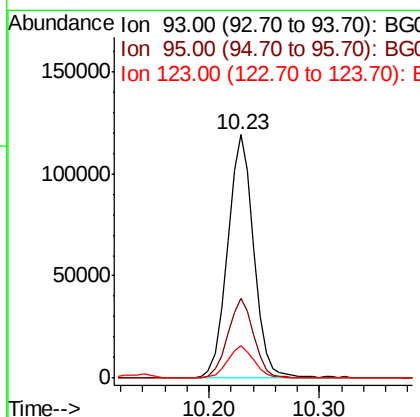
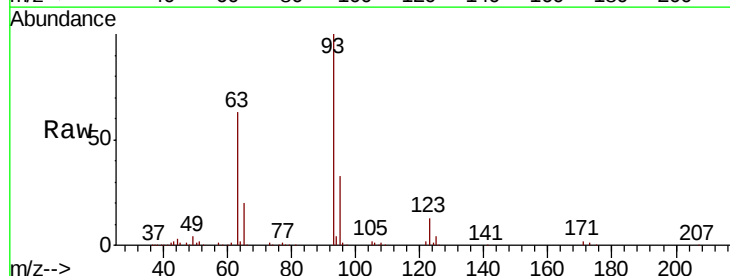
Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

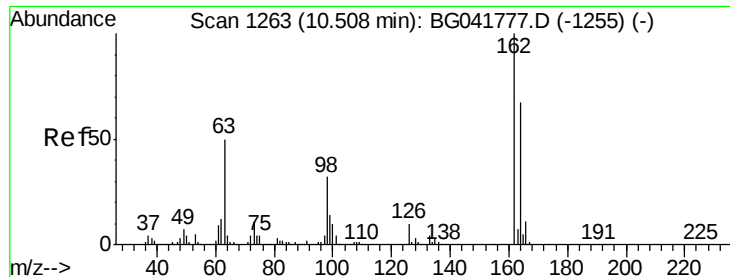
Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.5	91.3	136.9
121	62.3	49.2	73.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.523 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.04 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	13.3	9.9	14.9





#29

2,4-Dichlorophenol

Concen: 55.709 ng

RT: 10.48 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

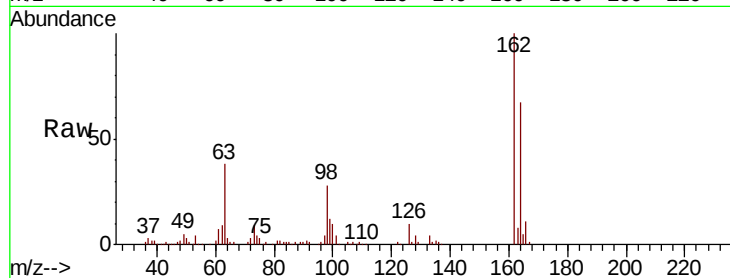
Tgt Ion:162 Resp: 195386

Ion Ratio Lower Upper

162 100

164 67.2 46.1 86.1

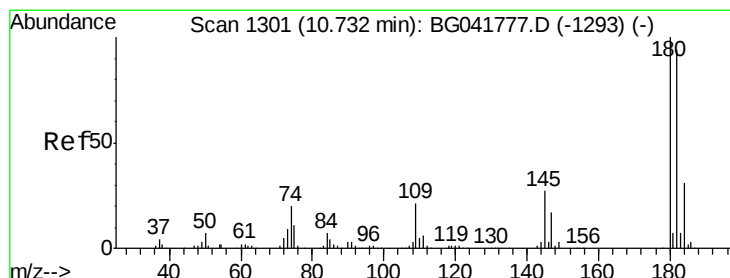
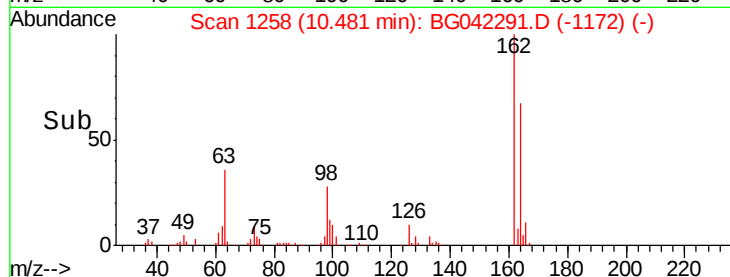
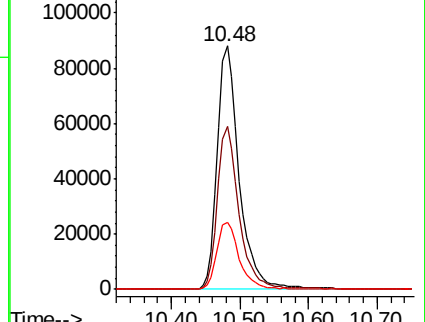
98 27.8 14.7 54.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 46.586 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.04 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

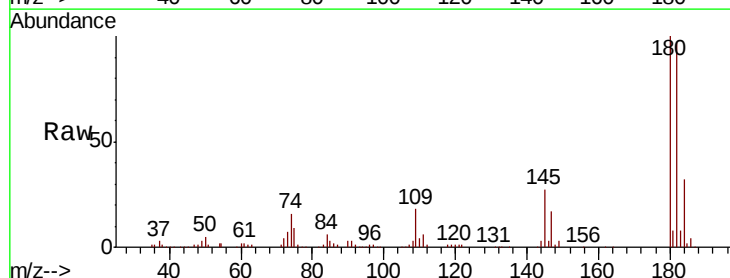
Tgt Ion:180 Resp: 207196

Ion Ratio Lower Upper

180 100

182 97.4 76.2 114.2

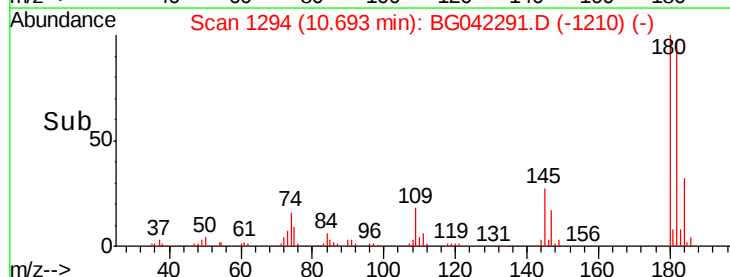
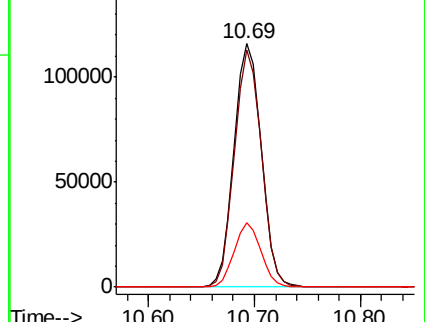
145 26.7 23.8 35.8

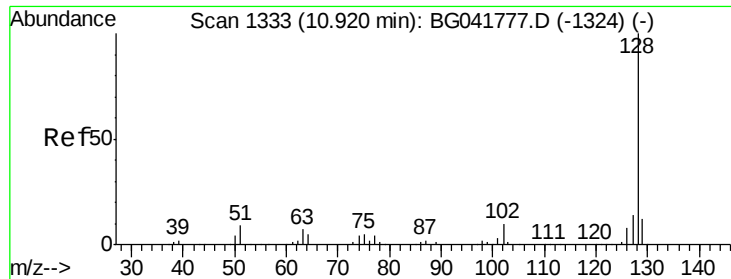


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

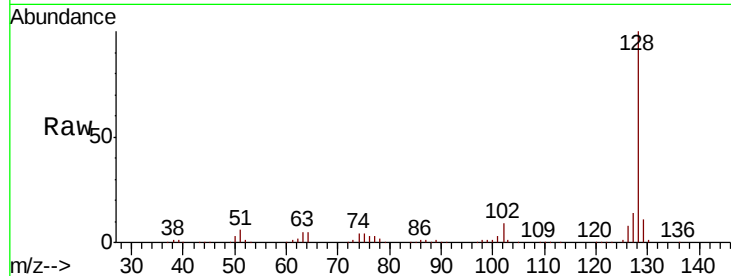




#31
Naphthalene
Concen: 48.461 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.04 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

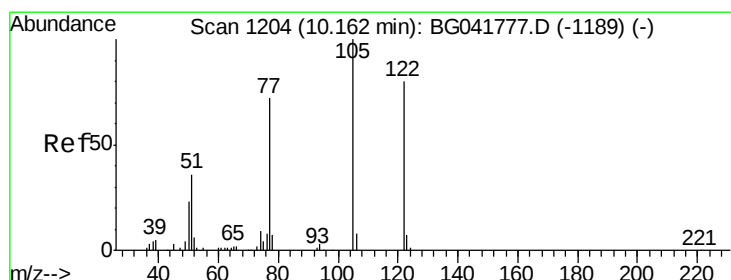
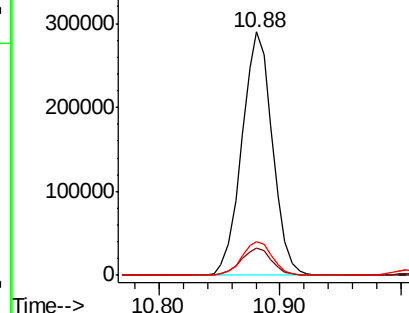
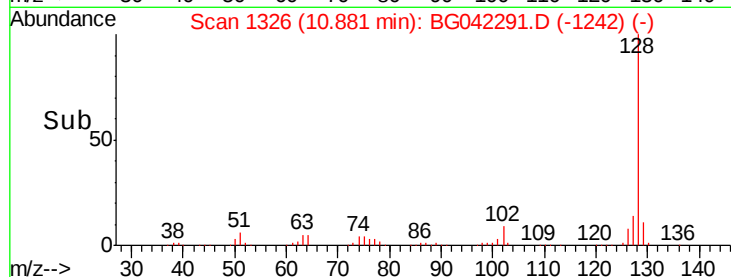
Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

Tgt Ion:128 Resp: 509392
Ion Ratio Lower Upper
128 100
129 11.4 10.0 15.0
127 14.1 12.3 18.5



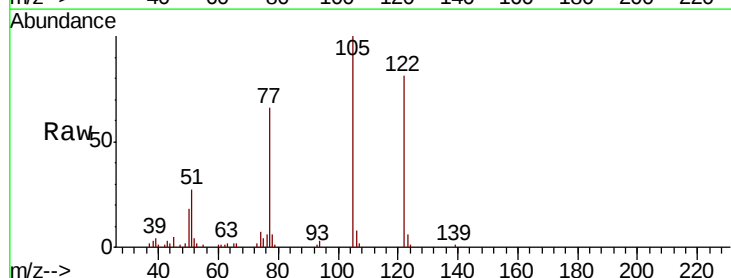
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

10.88



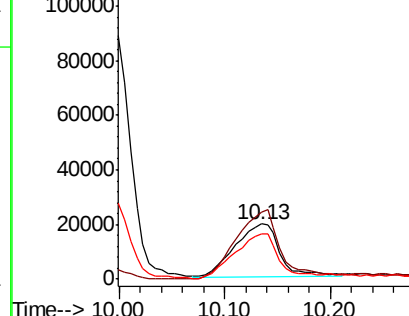
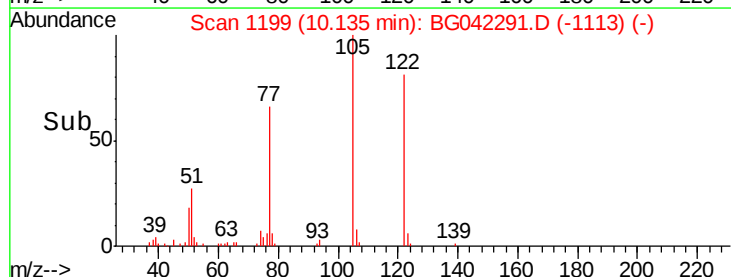
#32
Benzoic acid
Concen: 31.445 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.03 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

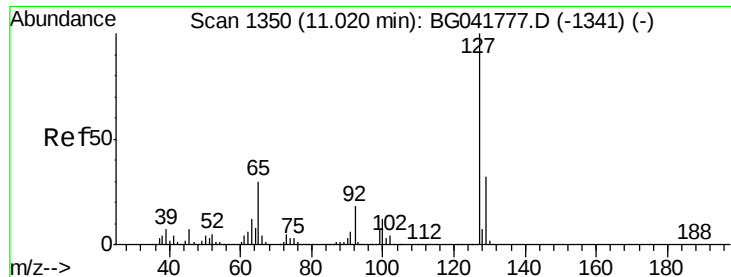
Tgt Ion:122 Resp: 57128
Ion Ratio Lower Upper
122 100
105 122.9 101.5 141.5
77 81.7 73.0 113.0



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): BG

10.13

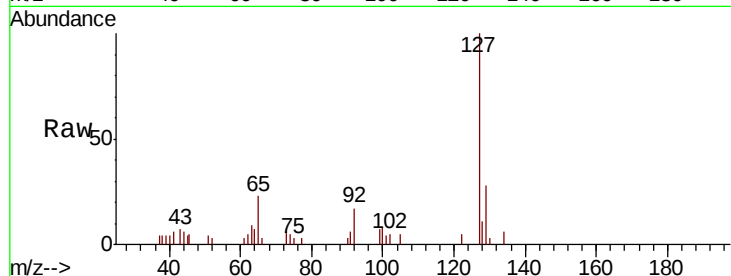




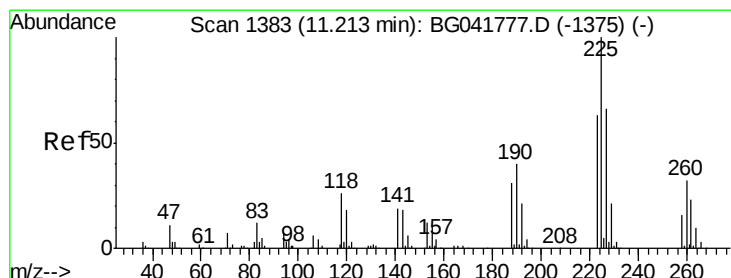
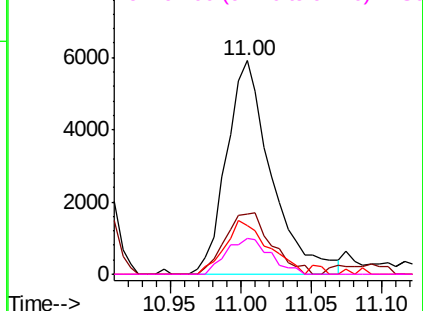
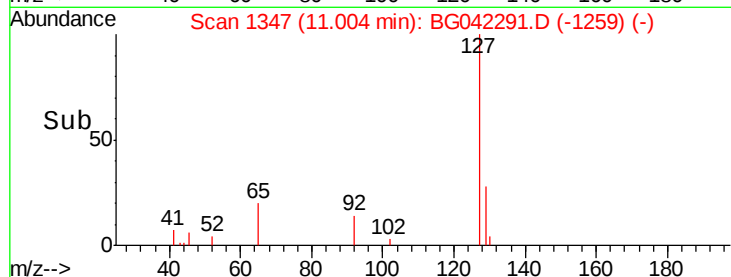
#33
4-Chloroaniline
Concen: 2.630 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

Tgt Ion:	127	Resp:	13108
Ion	Ratio	Lower	Upper
127	100		
129	28.1	25.8	38.8
65	22.7	26.7	40.1#
92	16.7	15.4	23.0

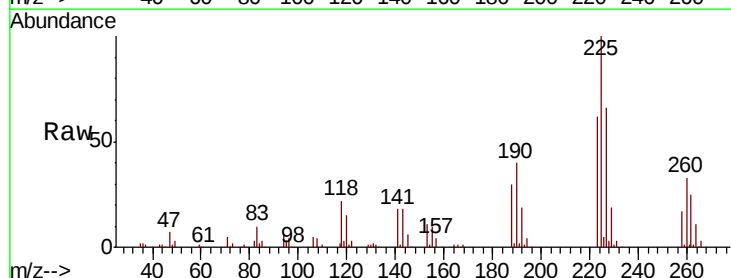


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

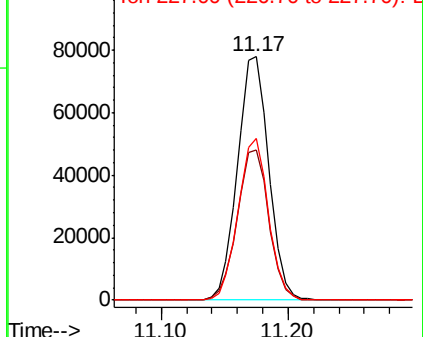
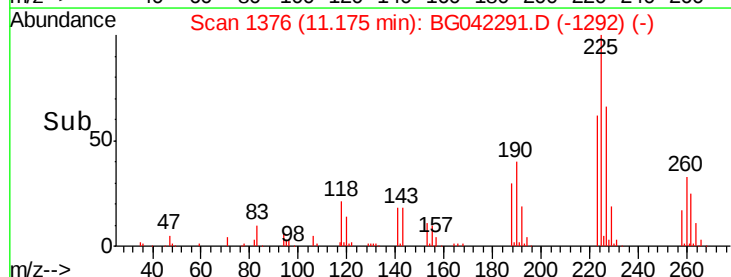


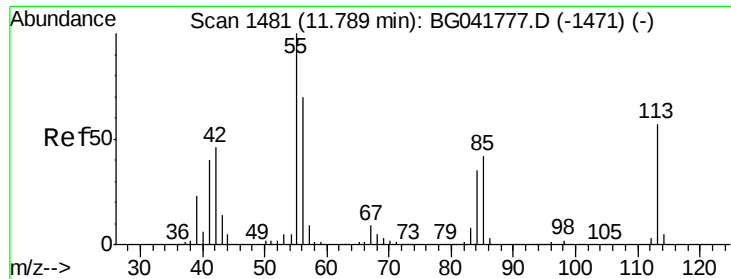
#34
Hexachlorobutadiene
Concen: 44.371 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.04 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion:	225	Resp:	133188
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.1	76.7
227	66.3	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 15.179 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.03 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

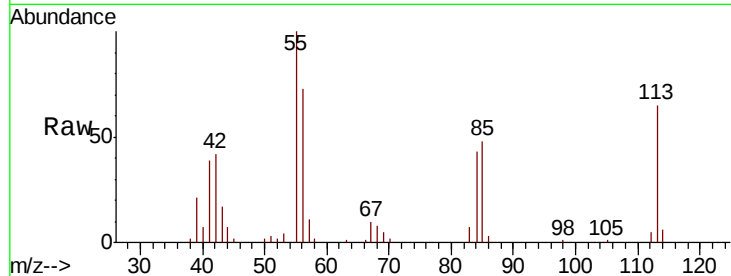
Tgt Ion:113 Resp: 18501

Ion Ratio Lower Upper

113 100

55 153.4 199.4 239.4#

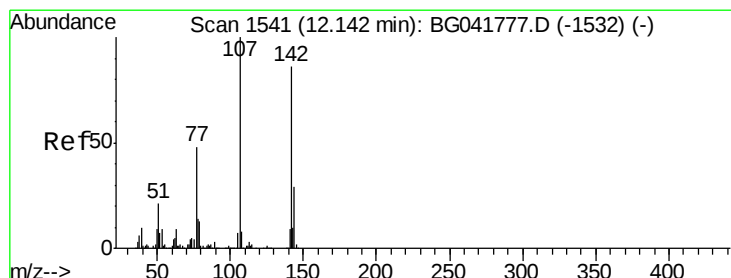
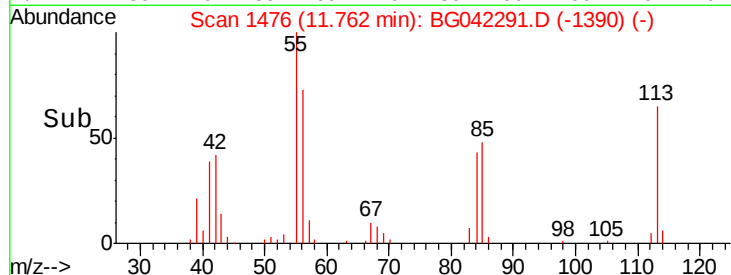
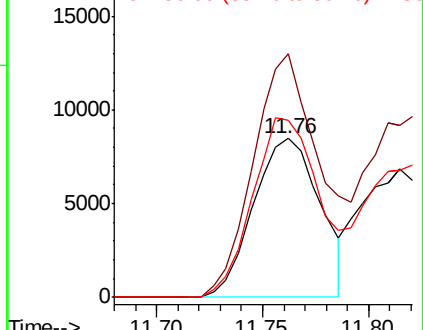
56 111.8 133.6 173.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 53.640 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

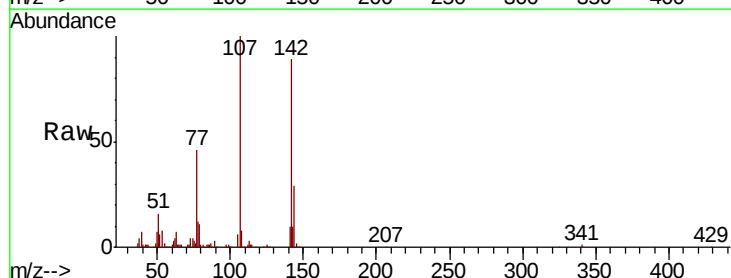
Tgt Ion:107 Resp: 186515

Ion Ratio Lower Upper

107 100

144 28.7 22.2 33.2

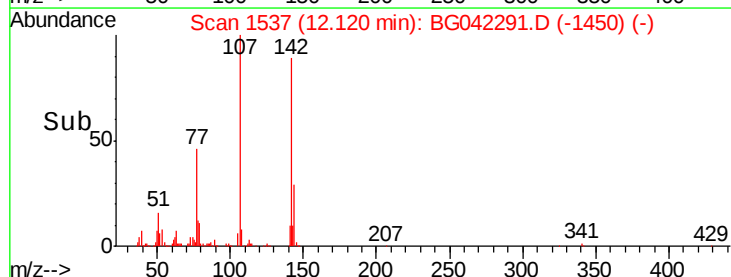
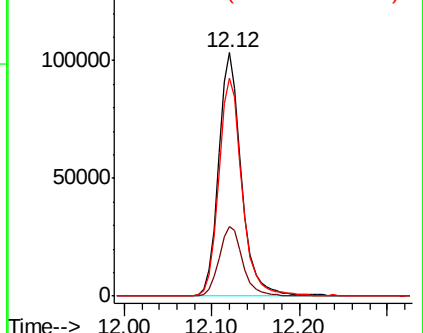
142 89.4 67.3 100.9

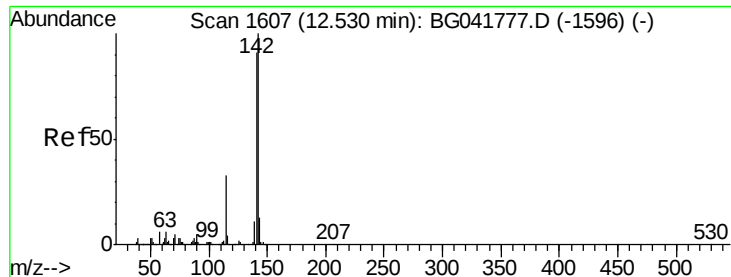


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

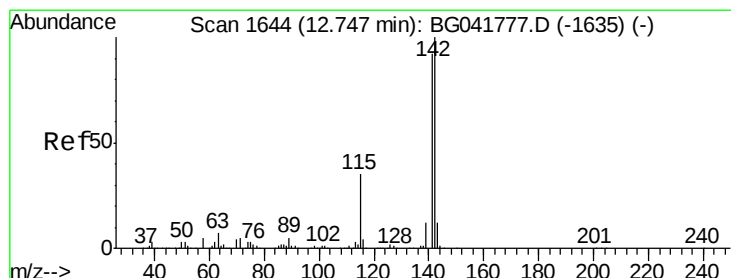
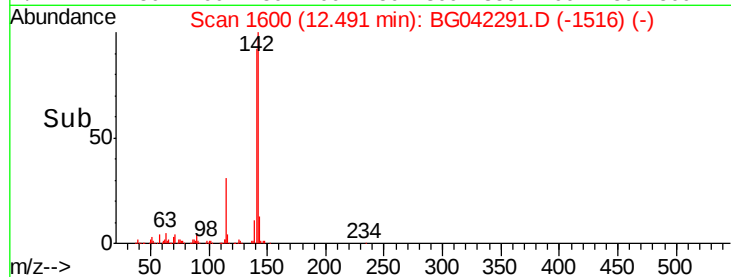
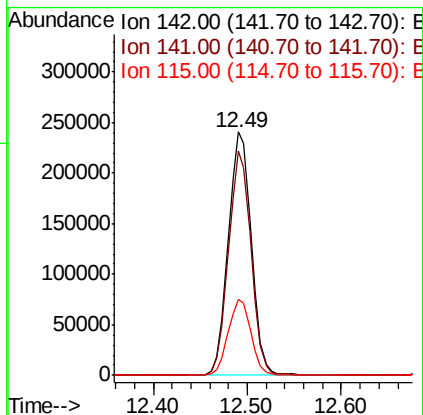
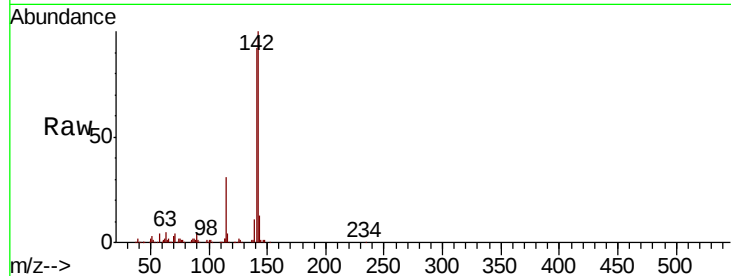




#37
2-Methylnaphthalene
Concen: 49.082 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.04 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

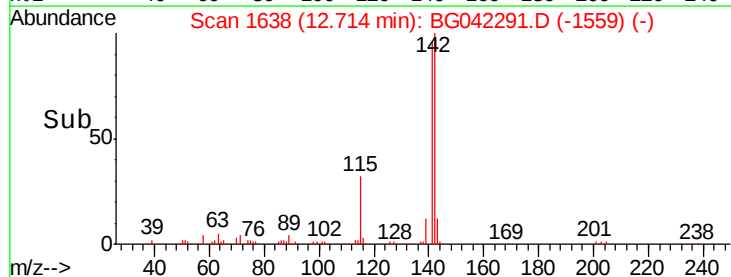
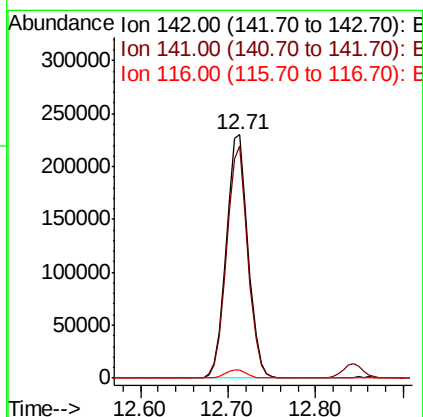
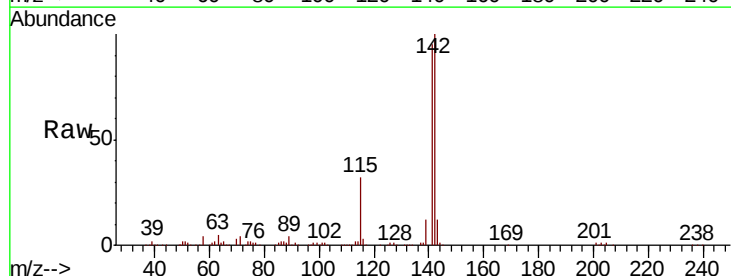
Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

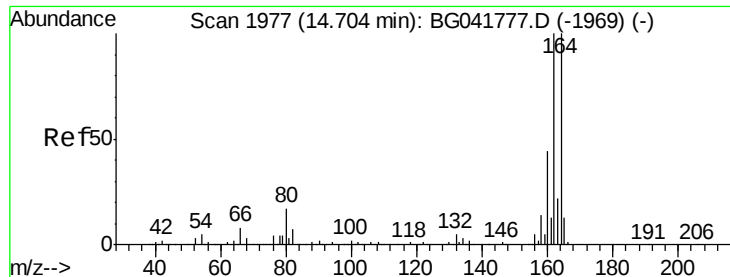
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.7	109.1
115	31.2	27.0	40.4



#38
1-Methylnaphthalene
Concen: 49.730 ng
RT: 12.71 min Scan# 1638
Delta R.T. -0.03 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	75.4	113.2
116	3.3	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.03 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

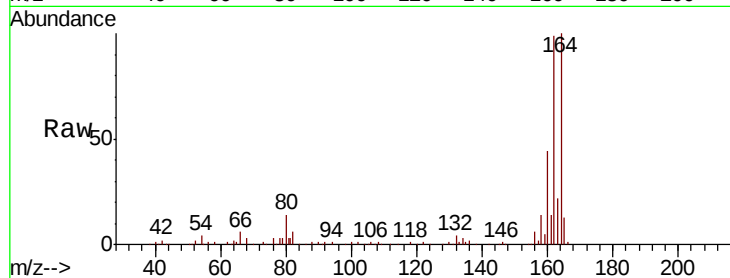
Tgt Ion:164 Resp: 173416

Ion Ratio Lower Upper

164 100

162 99.1 79.6 119.4

160 43.7 35.4 53.0

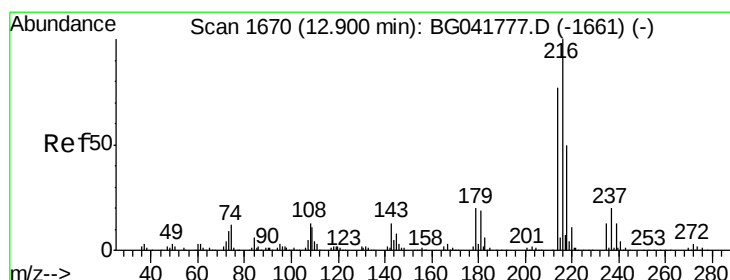
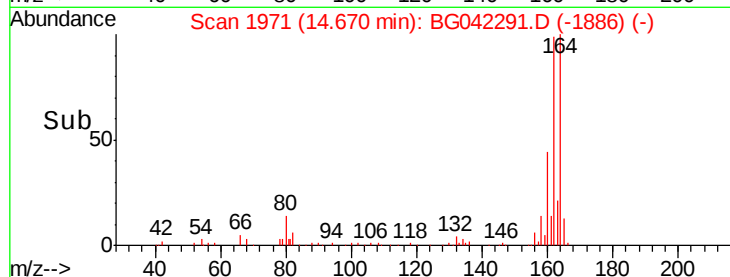
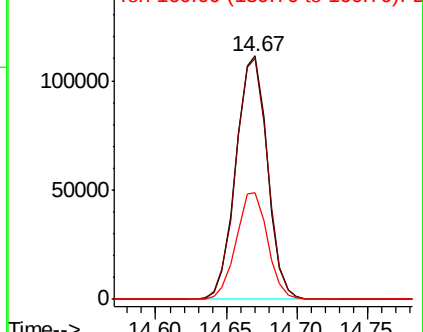


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.378 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.04 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Tgt Ion:216 Resp: 254583

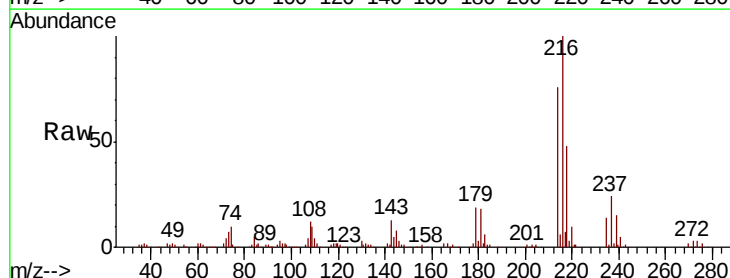
Ion Ratio Lower Upper

216 100

214 76.1 61.5 92.3

179 19.1 16.2 24.2

108 13.3 13.2 19.8



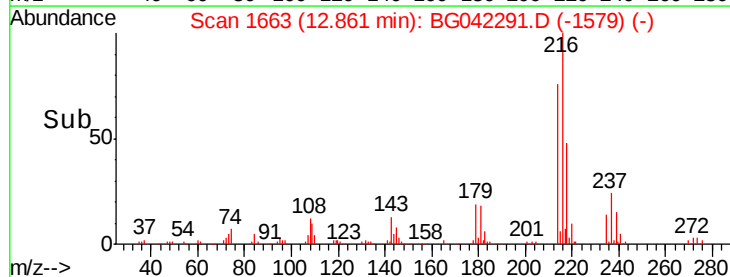
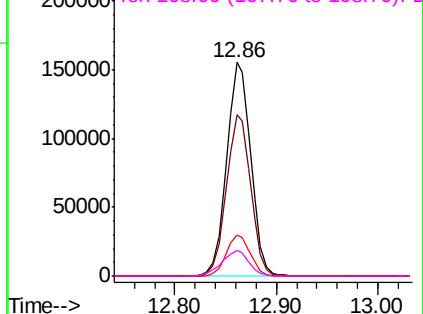
Abundance

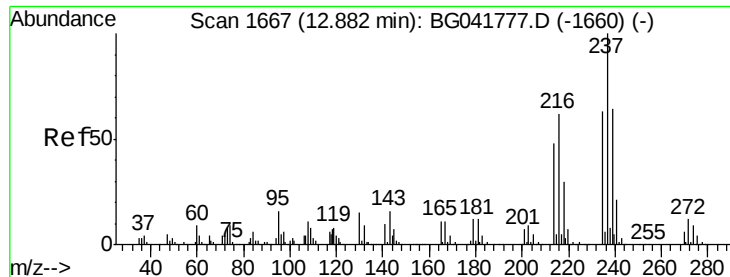
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 77.588 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.04 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

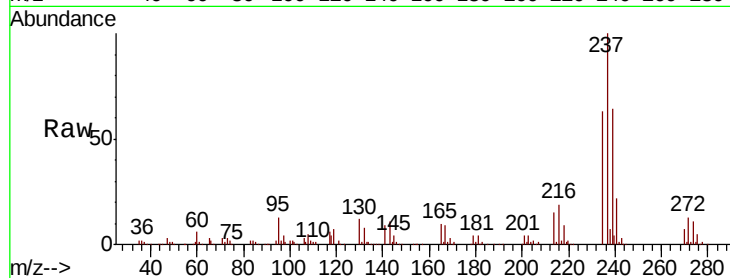
Tgt Ion: 237 Resp: 239457

Ion Ratio Lower Upper

237 100

235 63.4 43.5 83.5

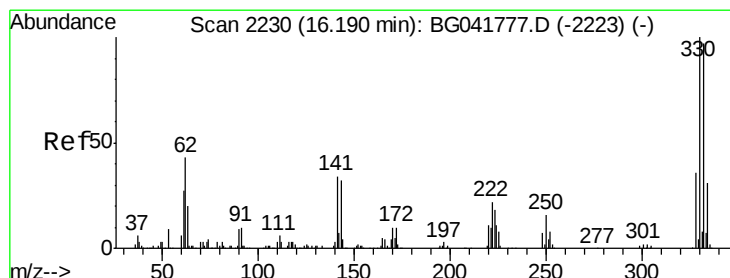
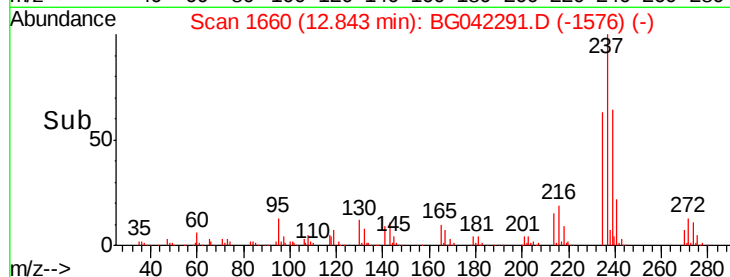
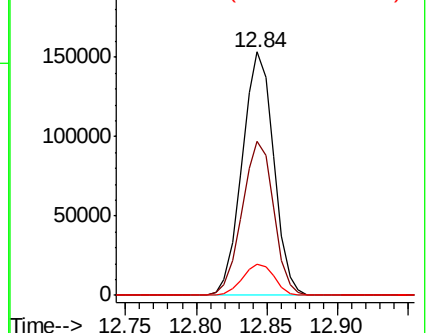
272 12.8 0.0 31.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 180.987 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.03 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

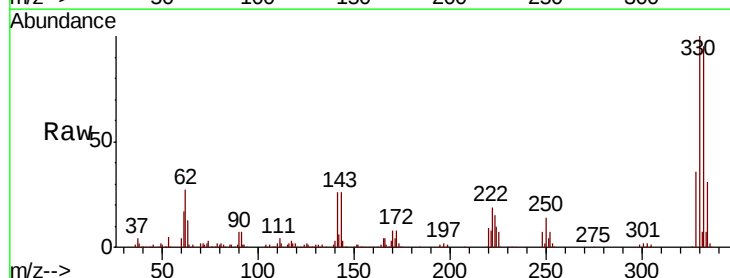
Tgt Ion: 330 Resp: 356503

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

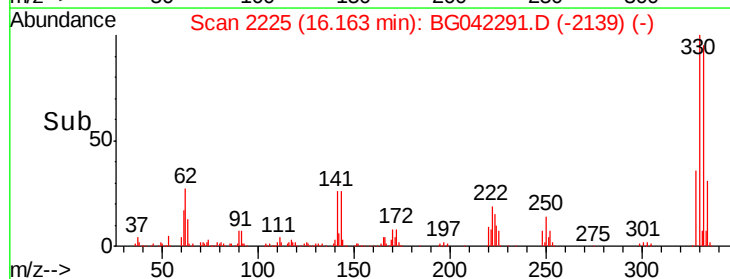
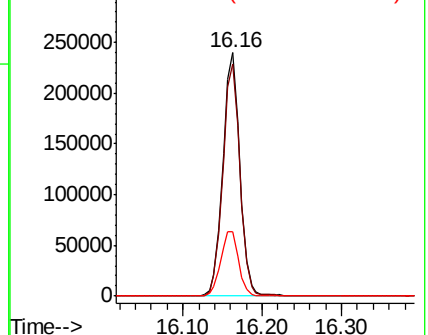
141 27.9 31.9 47.9#



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

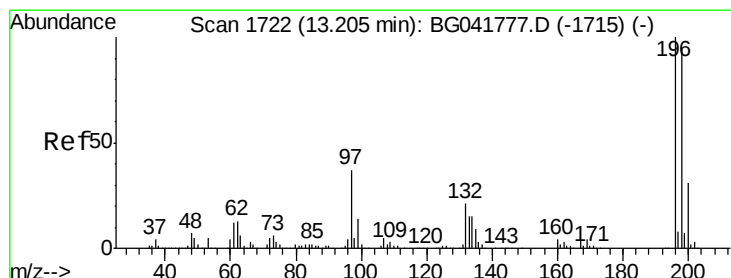
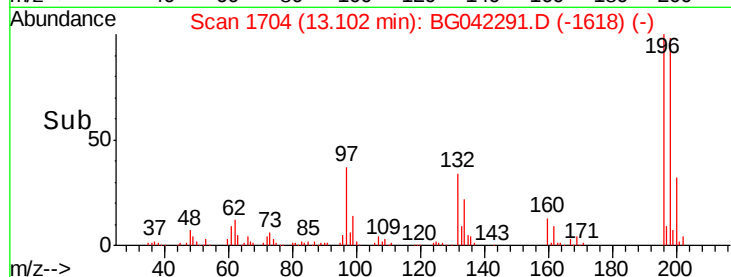
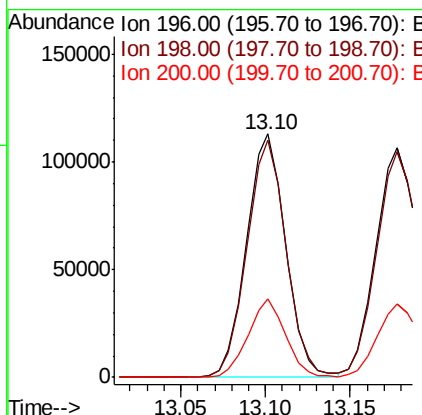
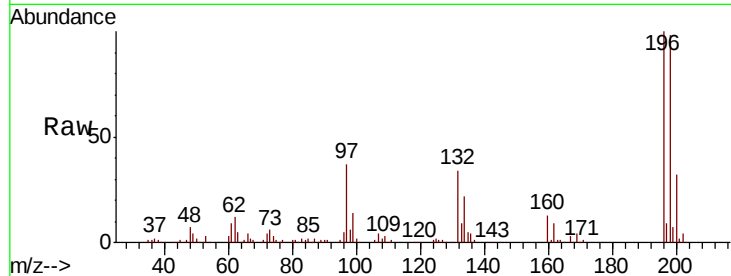




#43
 2,4,6-Trichlorophenol
 Concen: 52.371 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

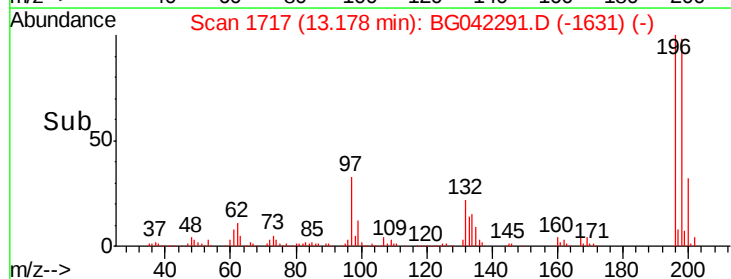
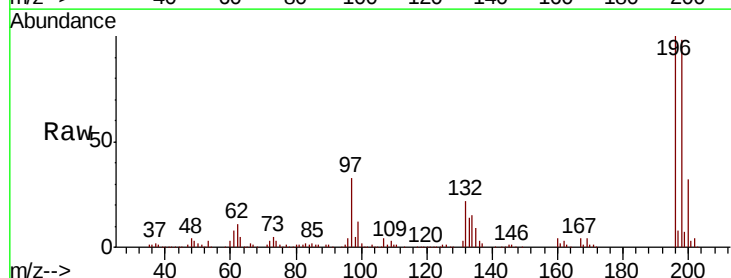
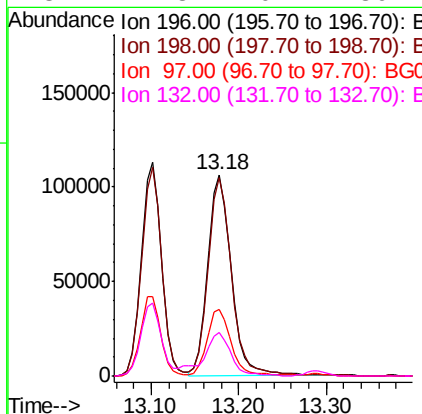
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMSD

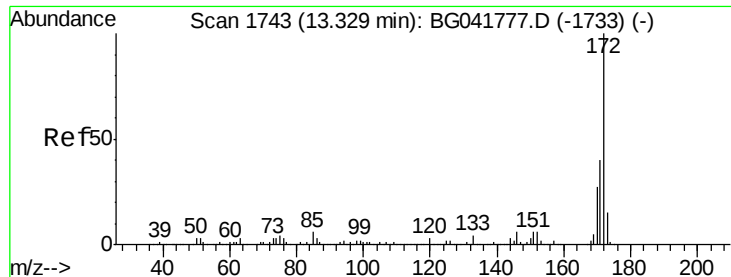
Tgt Ion:196 Resp: 181701
 Ion Ratio Lower Upper
 196 100
 198 97.7 79.6 119.4
 200 32.2 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 55.478 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.03 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Tgt Ion:196 Resp: 200023
 Ion Ratio Lower Upper
 196 100
 198 98.4 80.6 121.0
 97 33.0 33.9 50.9#
 132 21.8 20.2 30.2

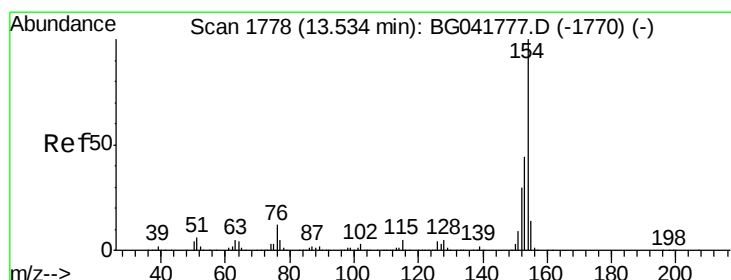
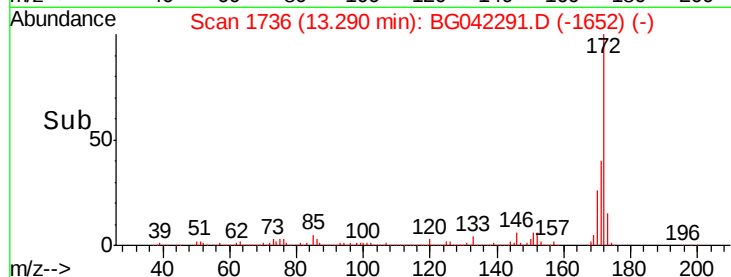
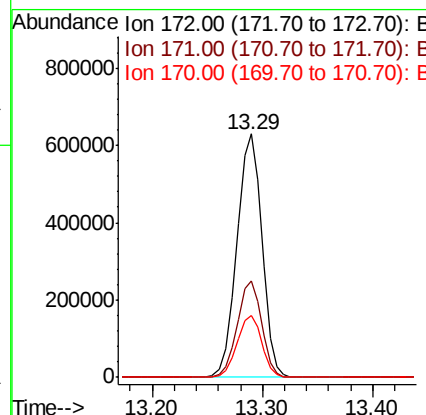
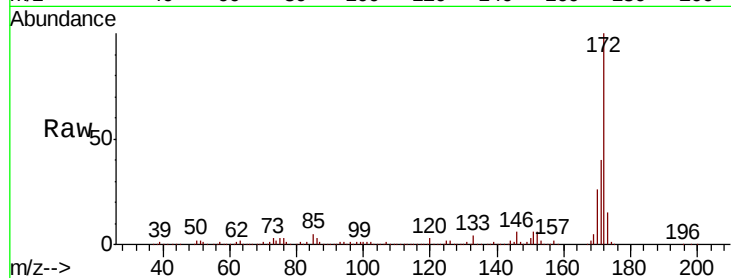




#45
2-Fluorobiphenyl
Concen: 101.955 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.04 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

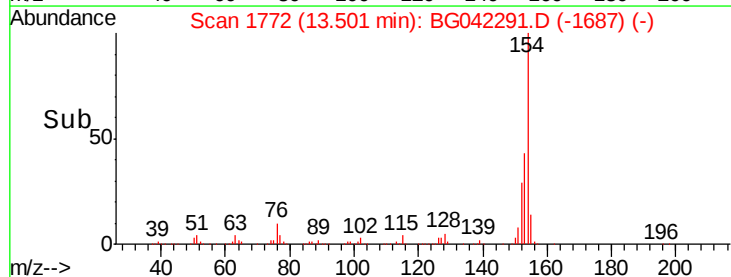
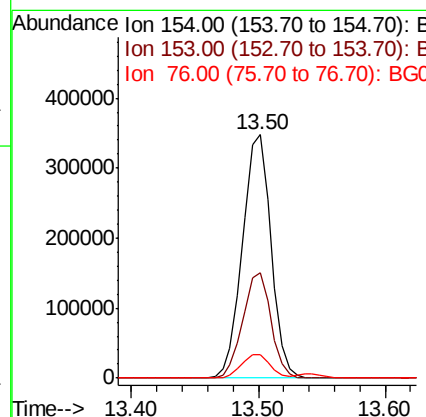
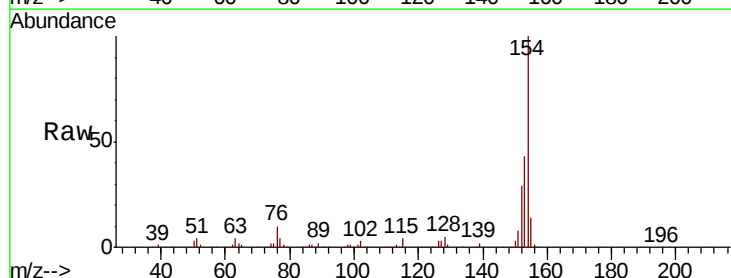
Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

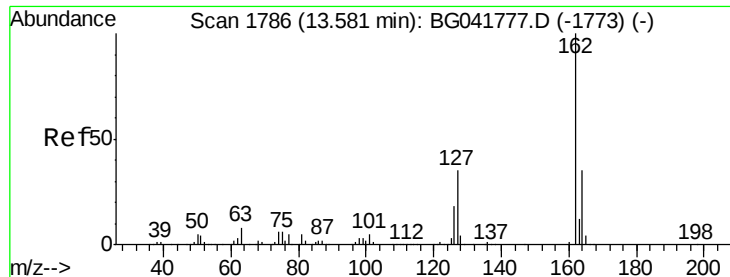
Tgt Ion:172 Resp: 1002465
Ion Ratio Lower Upper
172 100
171 39.7 35.0 52.4
170 25.7 23.5 35.3



#46
1,1'-Biphenyl
Concen: 48.624 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.03 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion:154 Resp: 542048
Ion Ratio Lower Upper
154 100
153 43.2 25.0 65.0
76 9.9 0.0 34.5

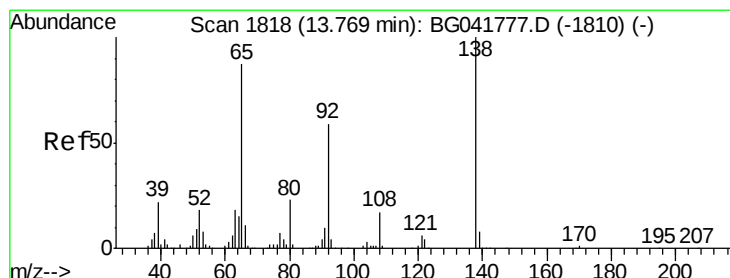
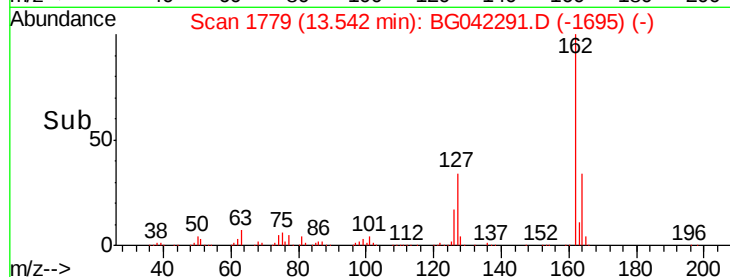
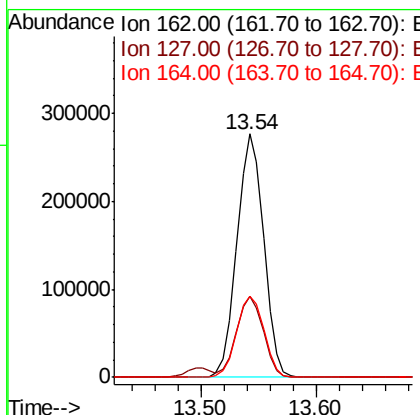
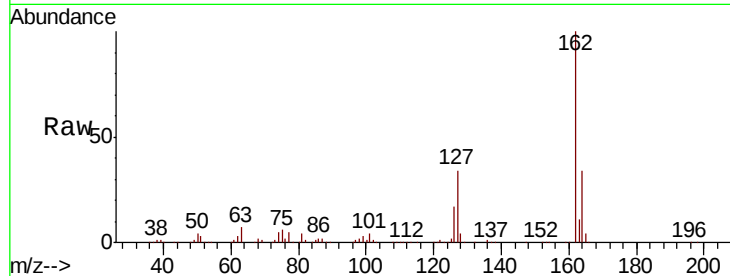




#47
 2-Chloronaphthalene
 Concen: 46.736 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. -0.04 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

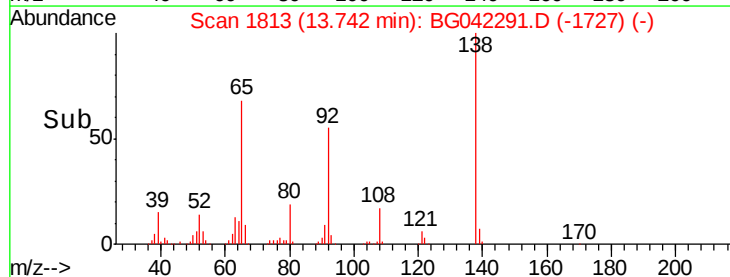
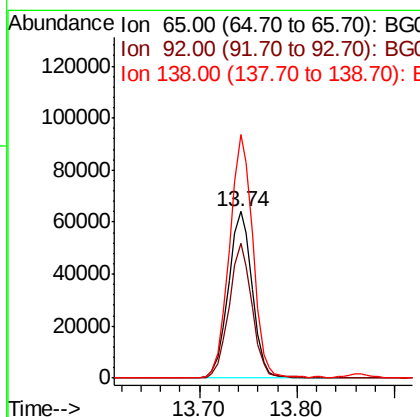
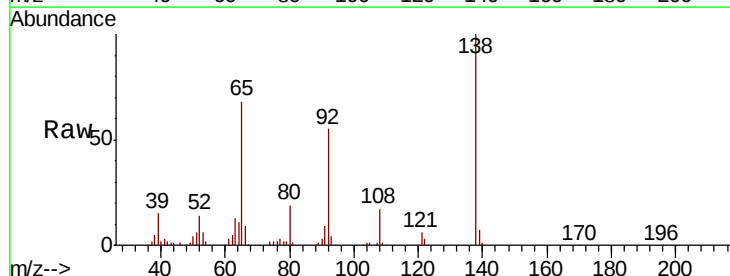
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMSD

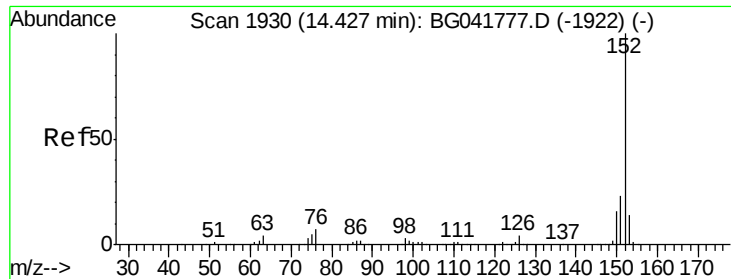
Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.5	30.4	45.6
164	33.5	28.6	42.8



#48
 2-Nitroaniline
 Concen: 45.205 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. -0.03 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	81.1	53.9	80.9#
138	146.2	83.5	125.3#





#49

Acenaphthylene

Concen: 50.389 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.04 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

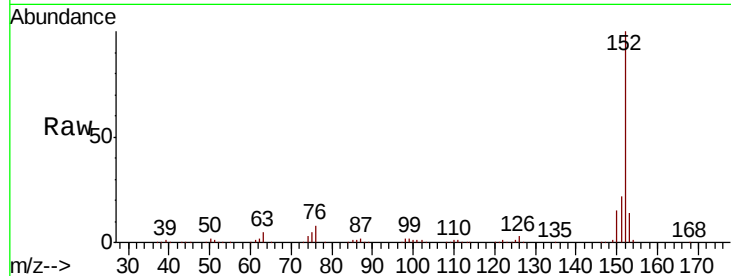
Tgt Ion:152 Resp: 715372

Ion Ratio Lower Upper

152 100

151 22.1 18.7 28.1

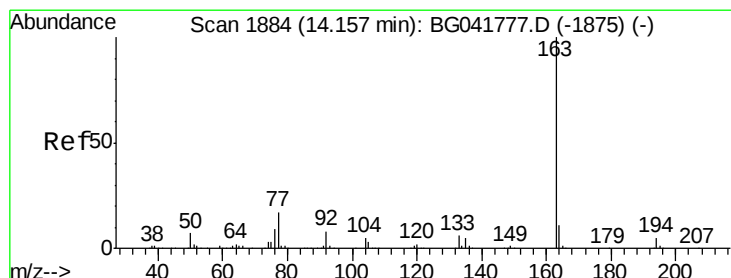
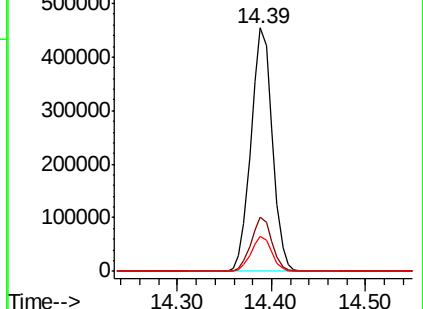
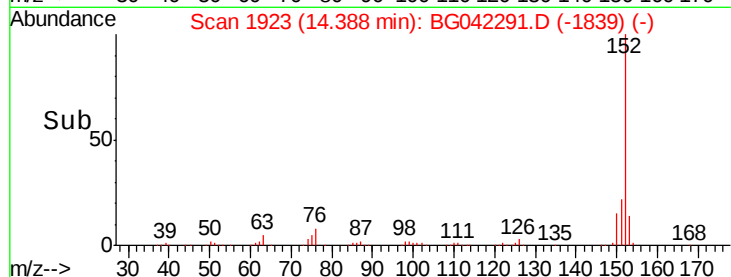
153 14.1 12.4 18.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.380 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.04 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

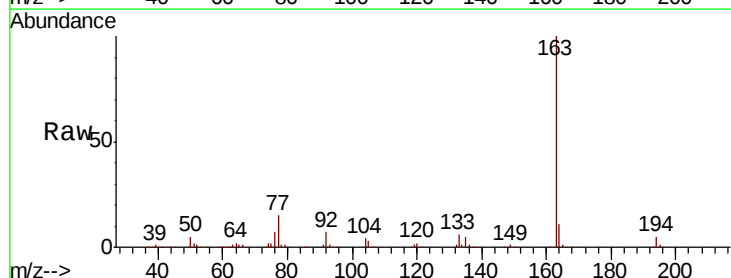
Tgt Ion:163 Resp: 620364

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

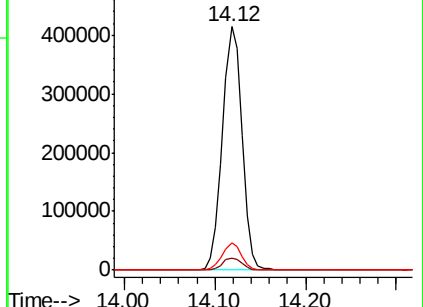
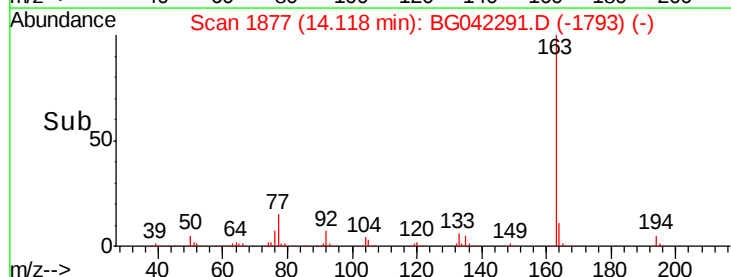
164 11.2 9.4 14.2

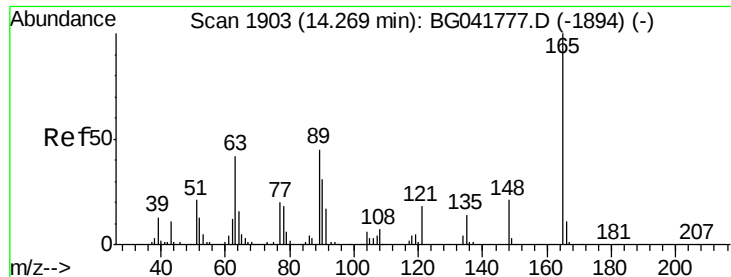


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 58.844 ng

RT: 14.24 min Scan# 1897

Delta R.T. -0.03 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

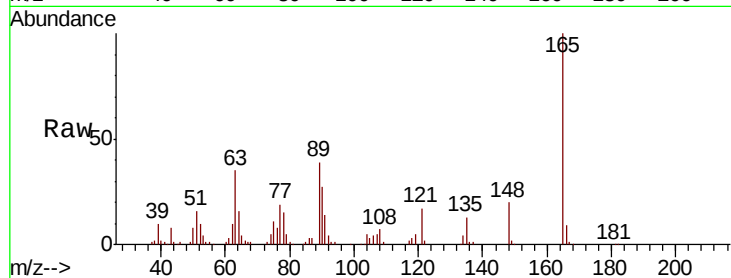
Tgt Ion:165 Resp: 145729

Ion Ratio Lower Upper

165 100

63 34.7 42.4 63.6#

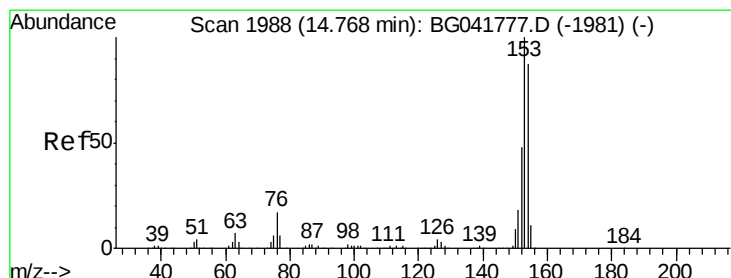
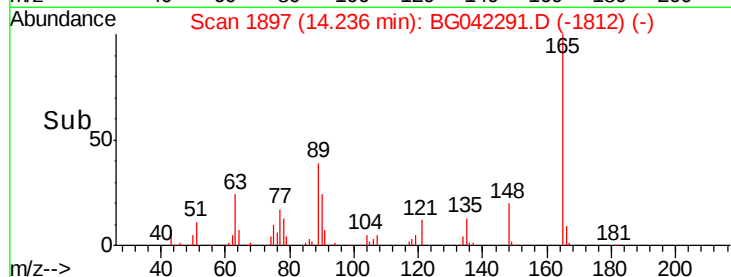
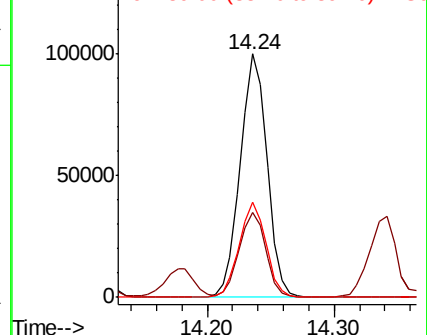
89 39.3 42.1 63.1#



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



#52

Acenaphthene

Concen: 45.908 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.04 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

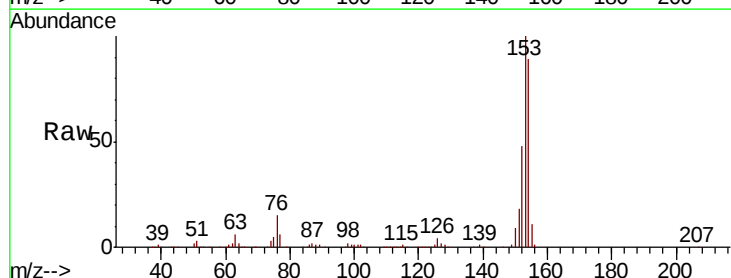
Tgt Ion:154 Resp: 423897

Ion Ratio Lower Upper

154 100

153 112.4 89.8 134.6

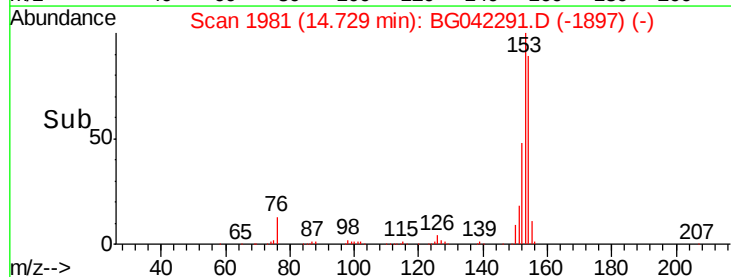
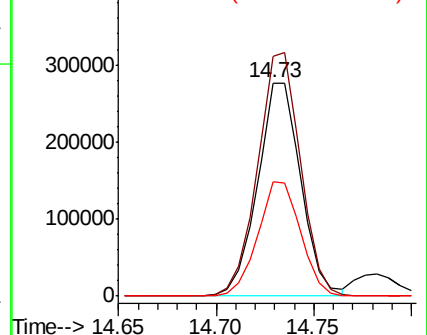
152 53.8 44.9 67.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 17.577 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

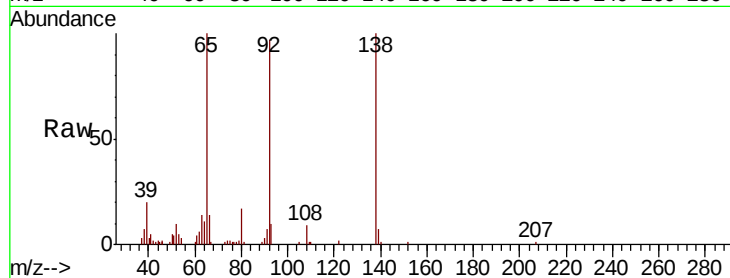
Tgt Ion:138 Resp: 46568

Ion Ratio Lower Upper

138 100

108 9.1 10.3 15.5#

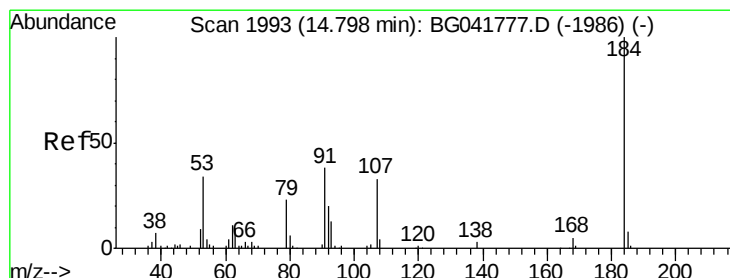
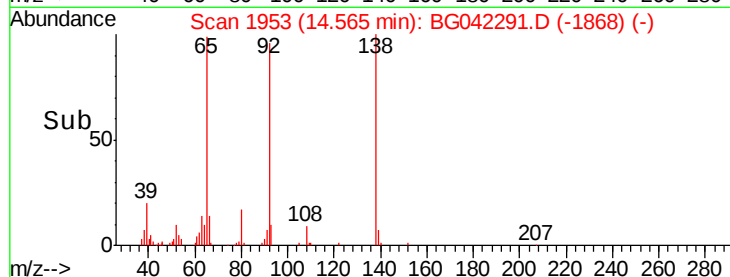
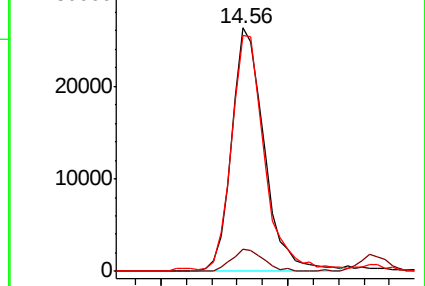
92 96.7 93.0 139.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 74.372 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

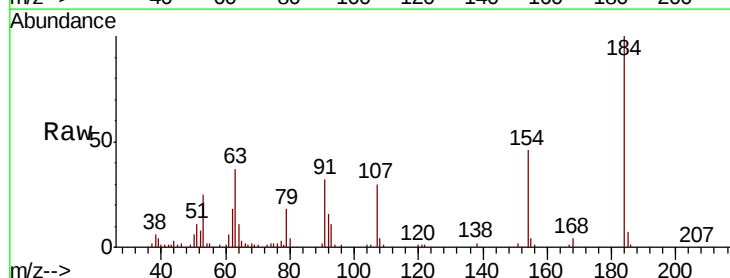
Tgt Ion:184 Resp: 108768

Ion Ratio Lower Upper

184 100

63 36.6 43.2 64.8#

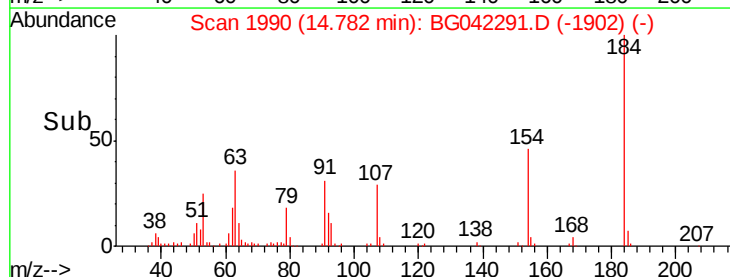
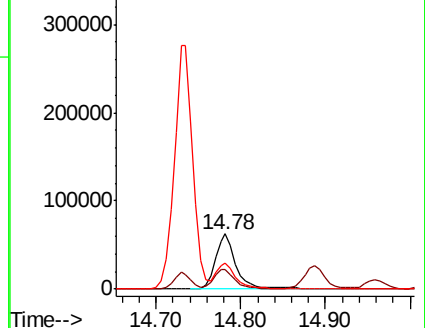
154 46.4 51.4 77.2#

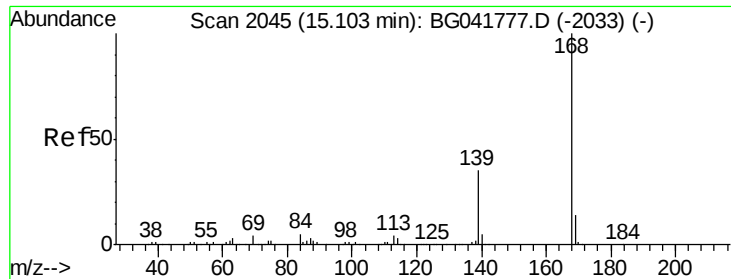


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 50.117 ng

RT: 15.07 min Scan# 2039

Delta R.T. -0.03 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

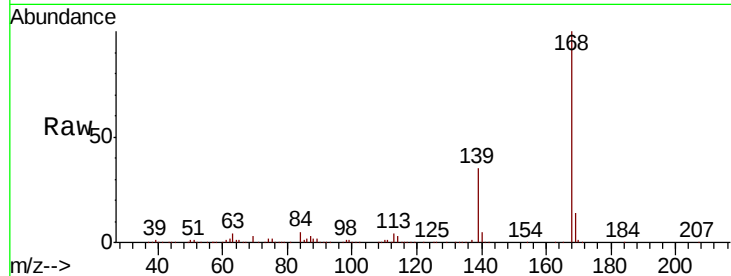
Tgt Ion:168 Resp: 707828

Ion Ratio Lower Upper

168 100

139 35.2 31.9 47.9

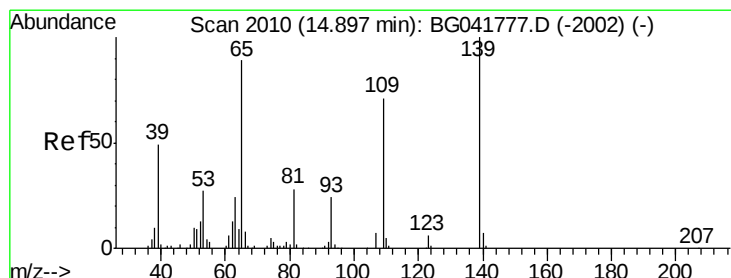
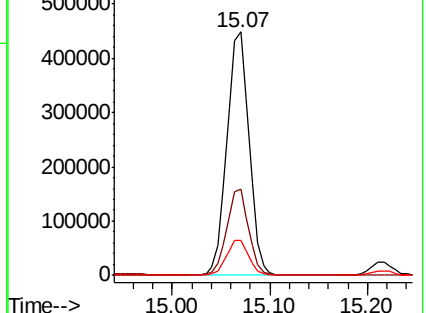
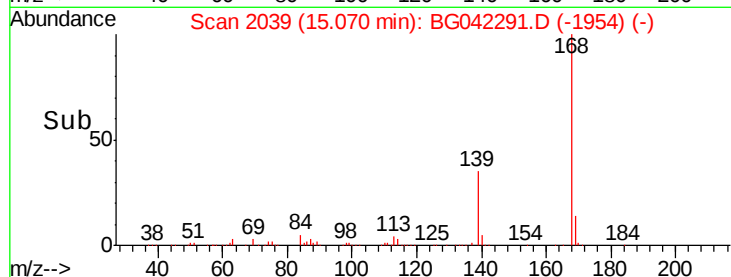
169 14.3 12.5 18.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 115.545 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

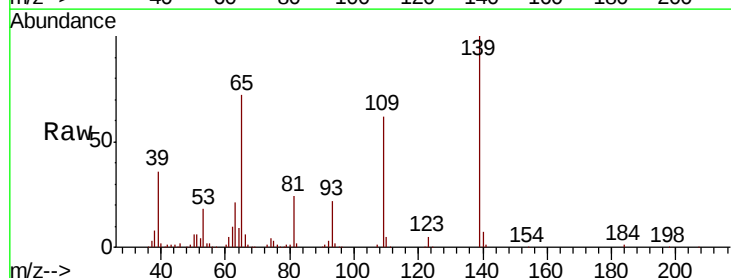
Tgt Ion:139 Resp: 232372

Ion Ratio Lower Upper

139 100

109 61.6 51.3 91.3

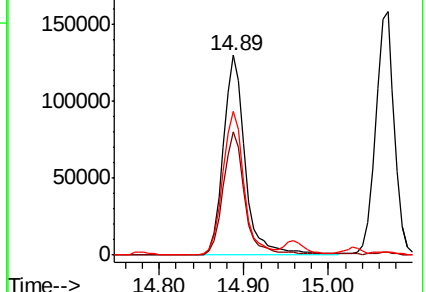
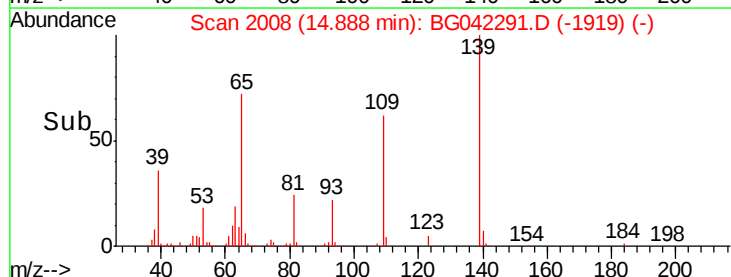
65 71.9 77.6 117.6#

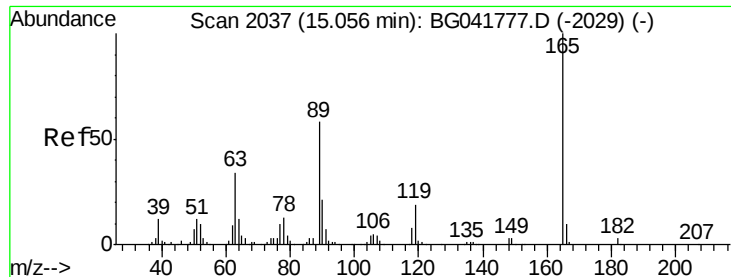


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

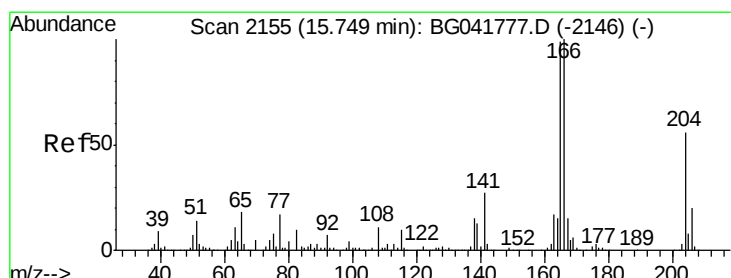
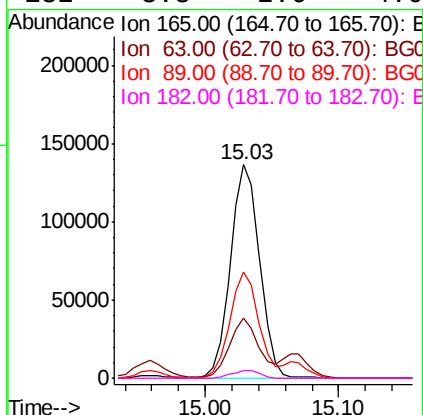
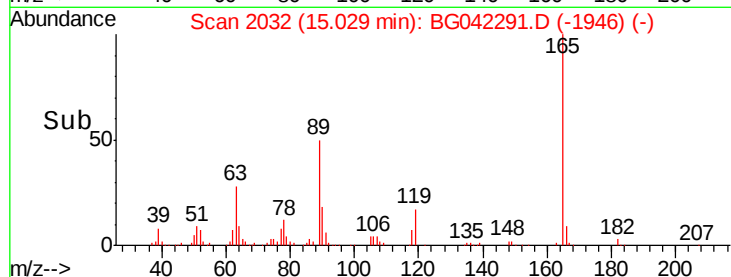
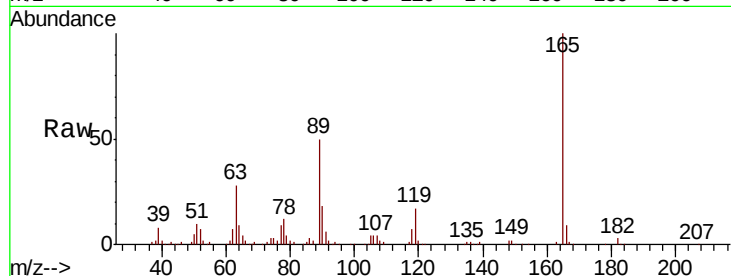




#57
2,4-Dinitrotoluene
Concen: 61.154 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.03 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

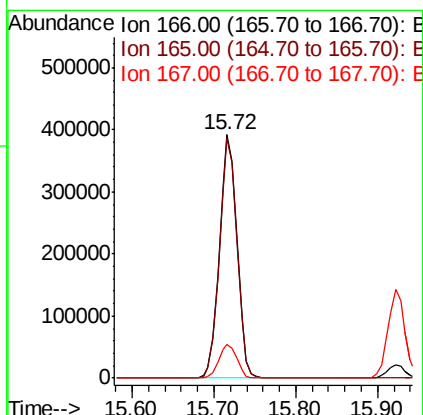
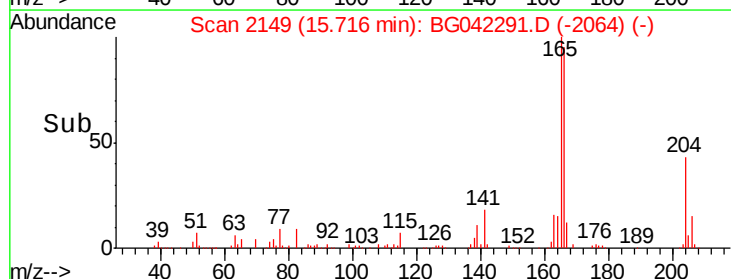
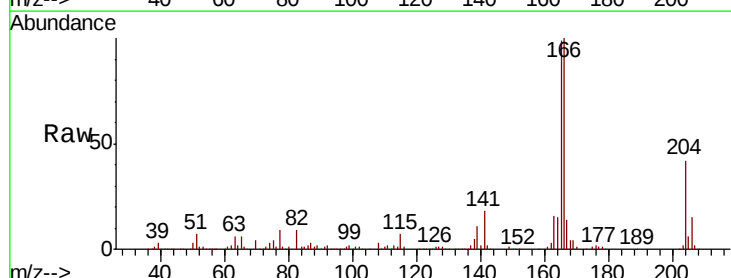
Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

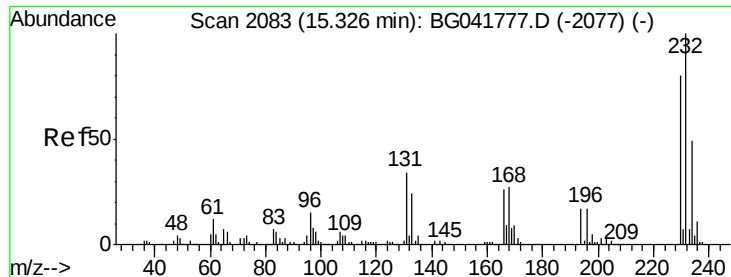
Tgt Ion	Ratio	Lower	Upper
165	100		
63	28.4	31.7	47.5#
89	49.8	50.2	75.4#
182	3.3	2.6	4.0



#58
Fluorene
Concen: 51.599 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.03 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.5	120.7
167	13.9	12.4	18.6

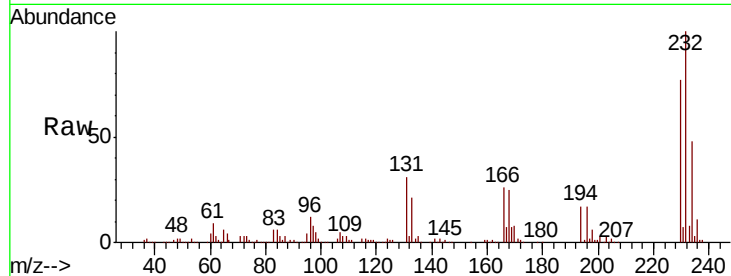




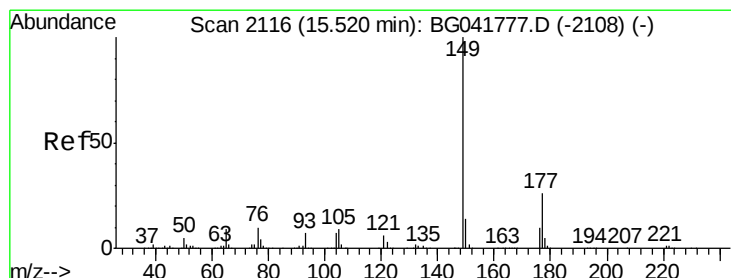
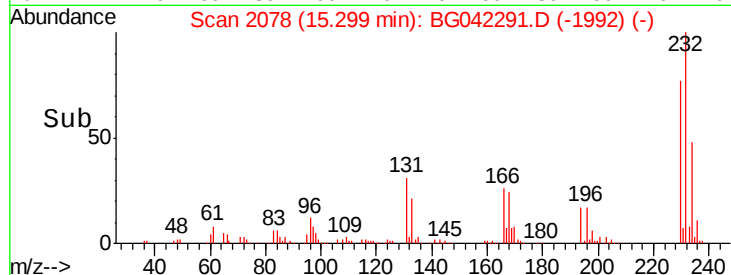
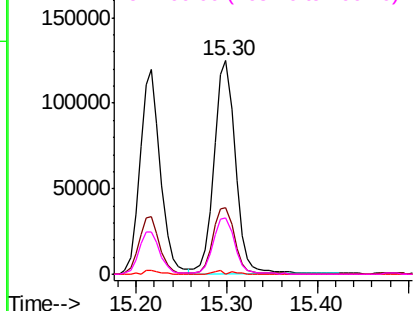
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.736 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.03 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMSD

Tgt Ion:	232	Resp:	202600
Ion	Ratio	Lower	Upper
232	100		
131	31.5	31.8	47.6#
130	0.9	1.8	2.8#
166	26.7	23.5	35.3

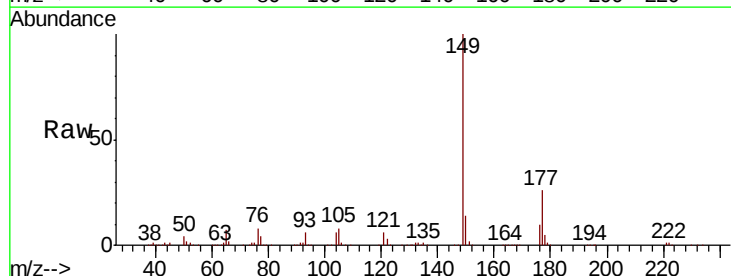


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

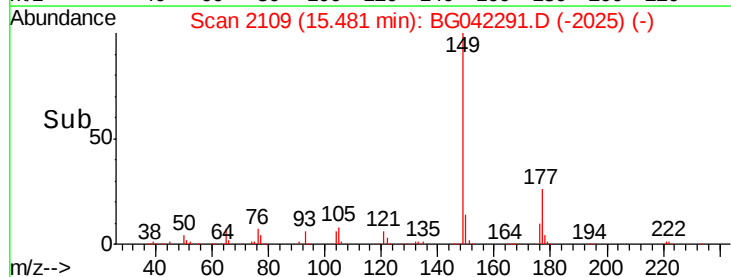
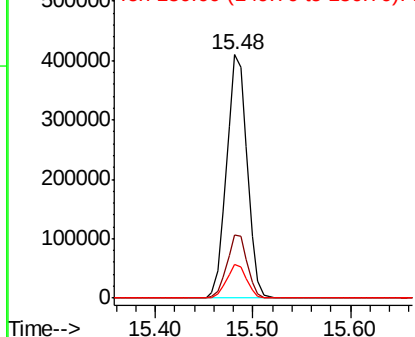


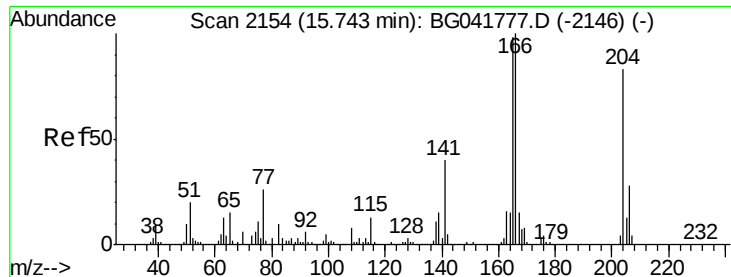
#60
 Diethylphthalate
 Concen: 51.086 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.04 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Tgt Ion:	149	Resp:	594013
Ion	Ratio	Lower	Upper
149	100		
177	26.0	20.7	31.1
150	14.0	11.5	17.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

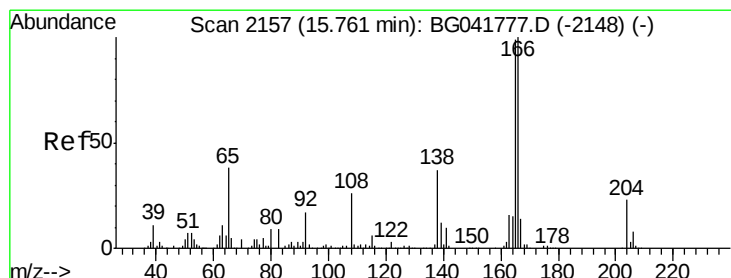
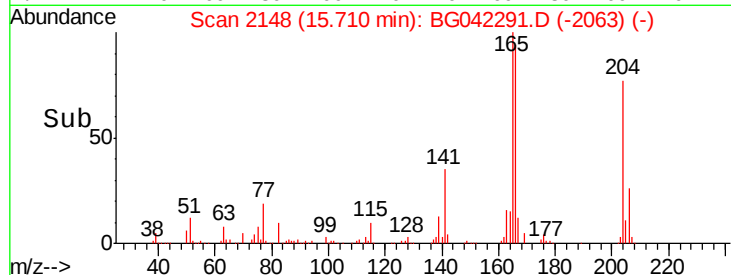
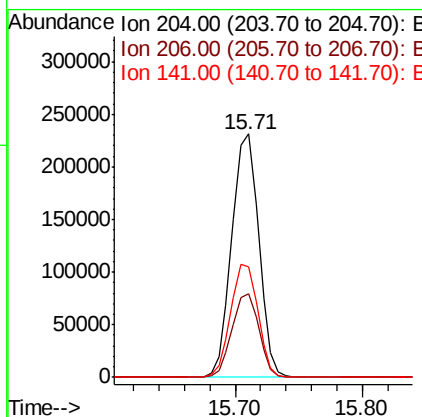
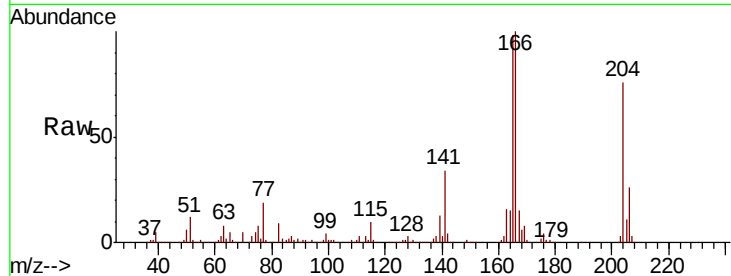




#61
 4-Chlorophenyl-phenylether
 Concen: 49.198 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.03 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

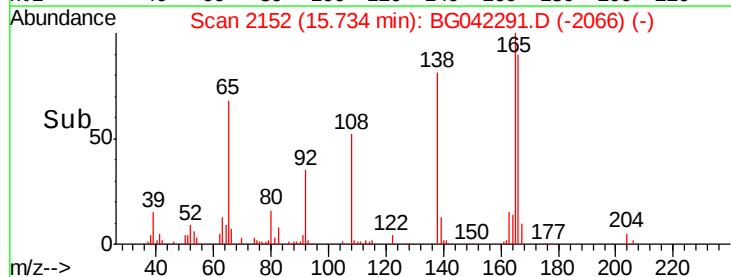
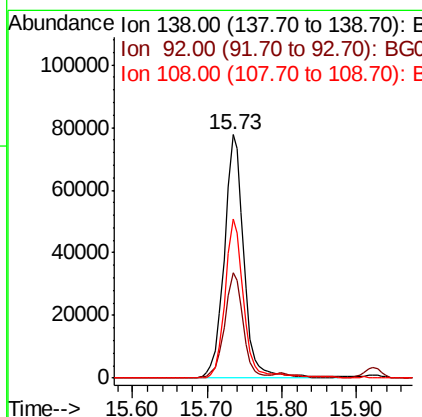
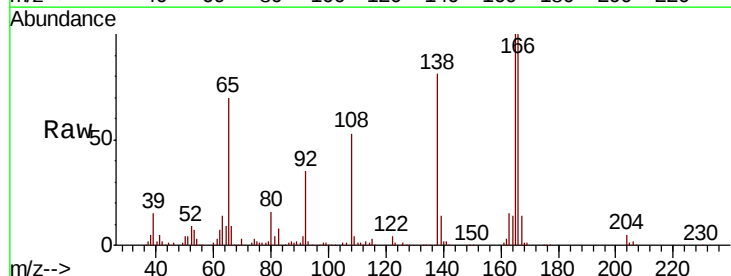
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMSD

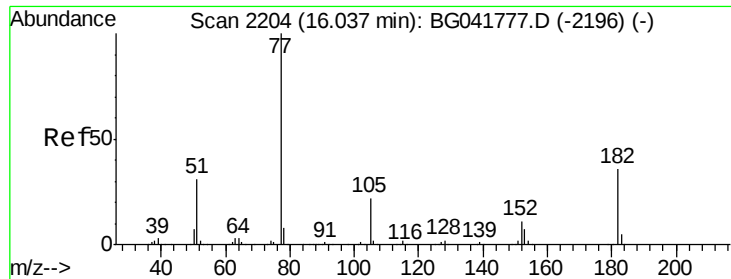
Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.1	28.6	42.8
141	45.3	42.9	64.3



#62
 4-Nitroaniline
 Concen: 50.089 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.03 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.2	29.8	69.8
108	65.4	52.2	92.2





#63

Azobenzene

Concen: 44.084 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.03 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

Tgt Ion: 77 Resp: 418729

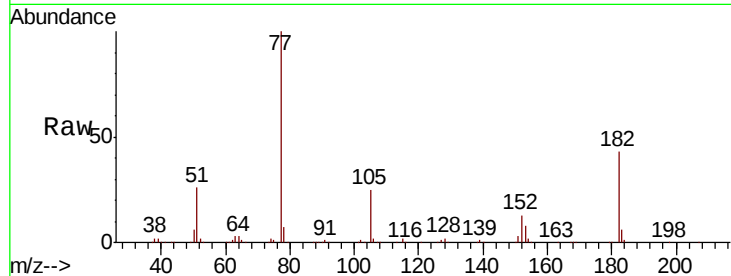
Ion Ratio Lower Upper

77 100

182 42.7 13.2 53.2

105 24.6 2.2 42.2

51 25.8 14.6 54.6

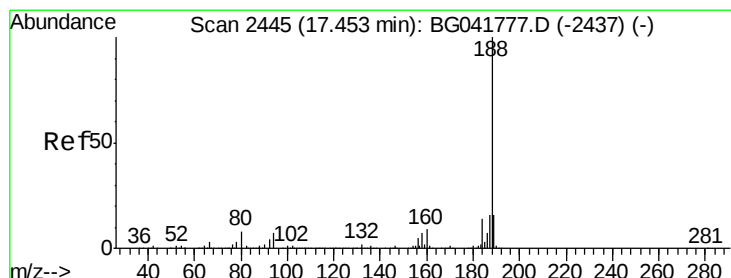
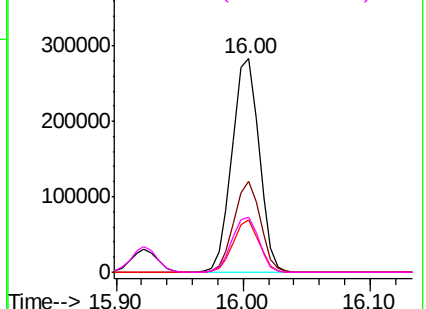
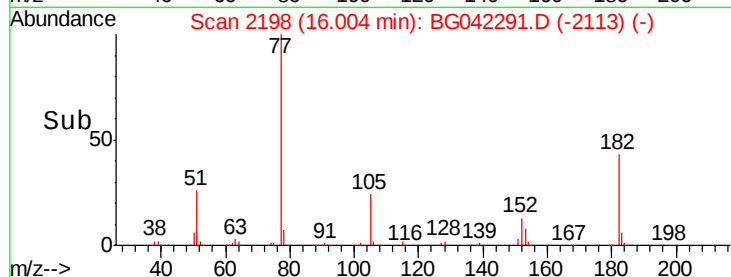


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

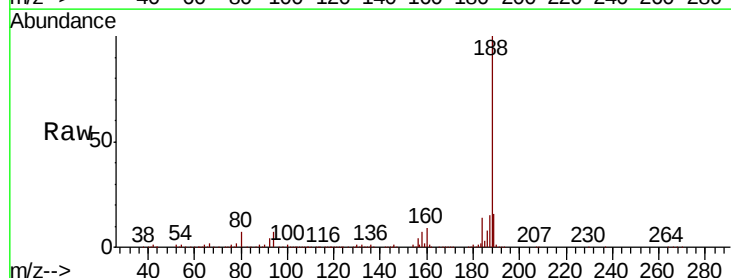
Tgt Ion: 188 Resp: 417787

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

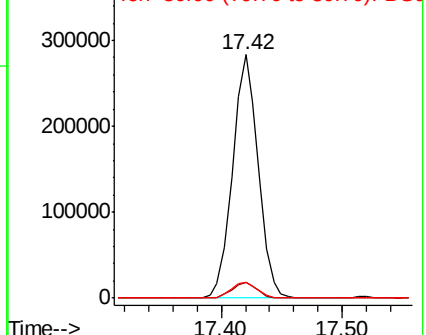
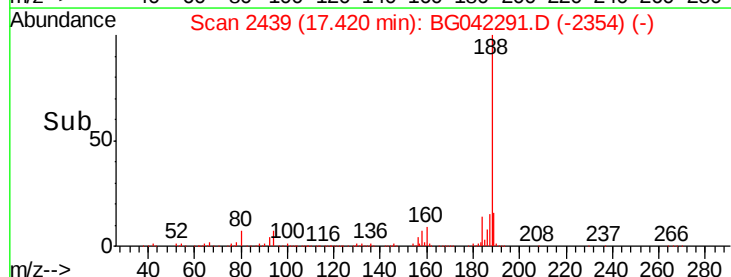
80 6.7 8.0 12.0#

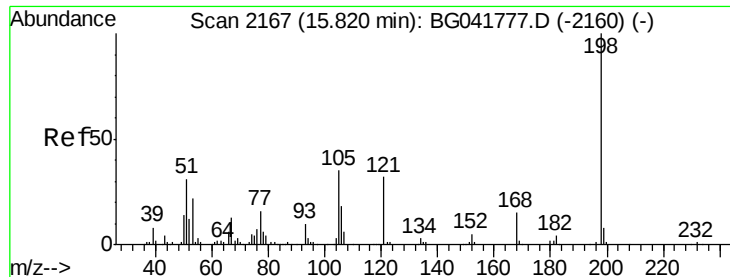


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 49.633 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.02 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

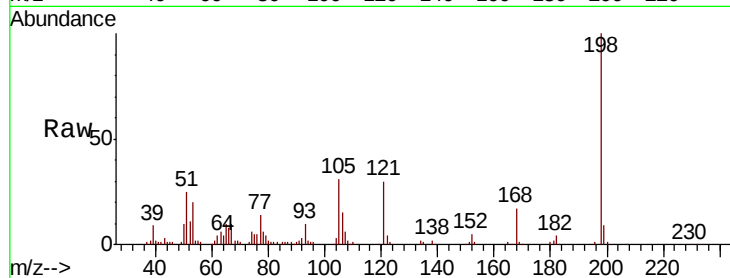
Tgt Ion:198 Resp: 102046

Ion Ratio Lower Upper

198 100

51 25.1 22.3 62.3

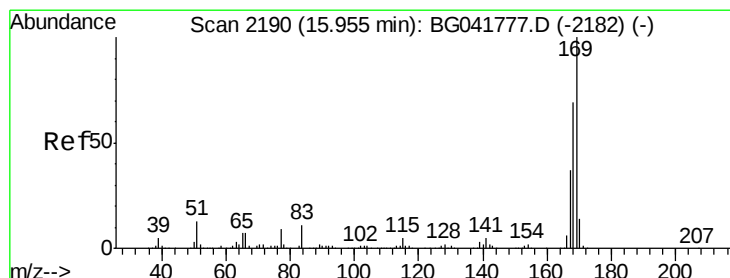
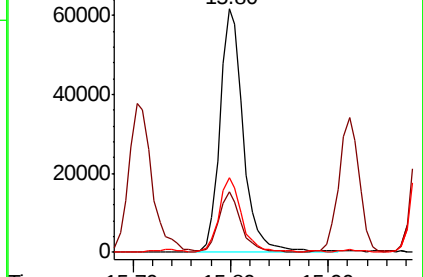
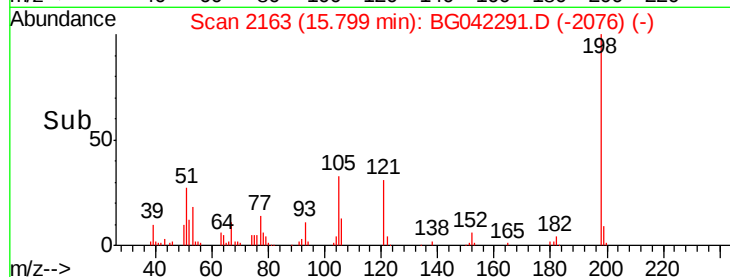
105 30.7 18.0 58.0



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



#66

n-Nitrosodiphenylamine

Concen: 49.248 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.03 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

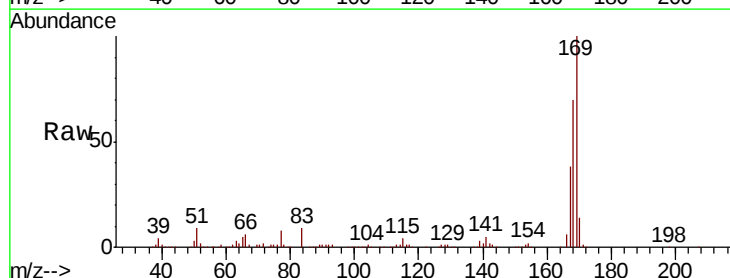
Tgt Ion:169 Resp: 560458

Ion Ratio Lower Upper

169 100

168 69.7 56.9 85.3

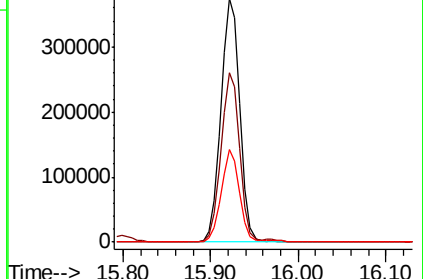
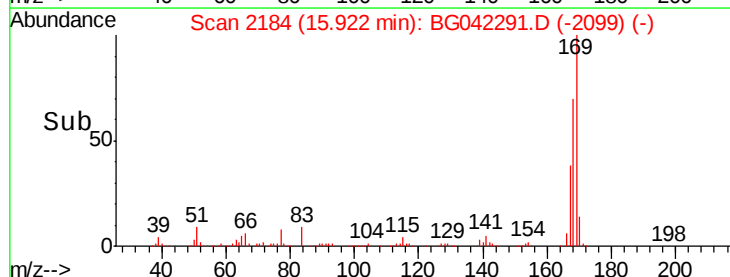
167 38.0 31.5 47.3

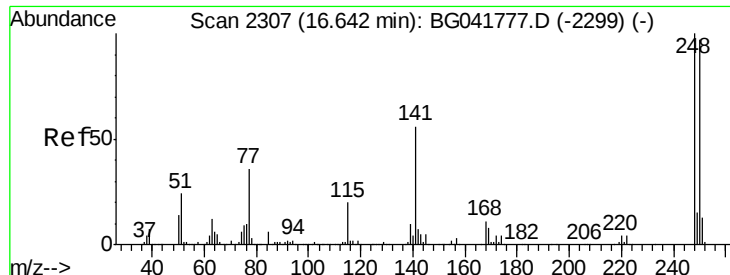


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

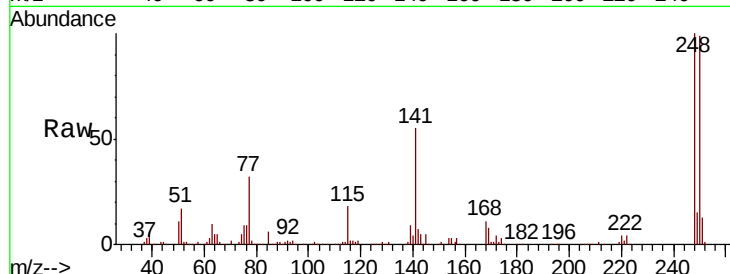




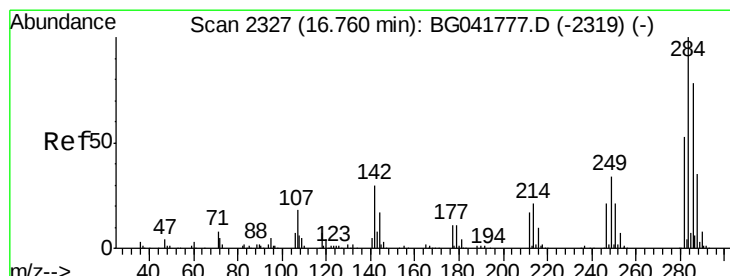
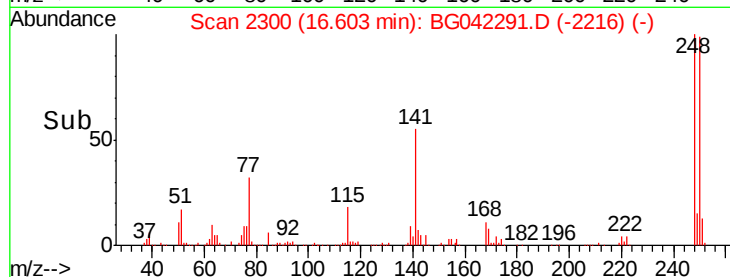
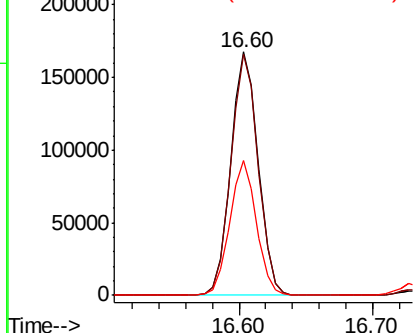
#67
 4-Bromophenyl-phenylether
 Concen: 46.660 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.04 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMSD

Tgt Ion: 248 Resp: 240125
 Ion Ratio Lower Upper
 248 100
 250 99.1 78.1 117.1
 141 55.4 49.6 74.4

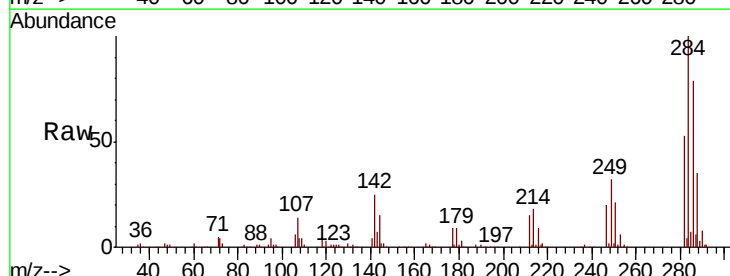


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

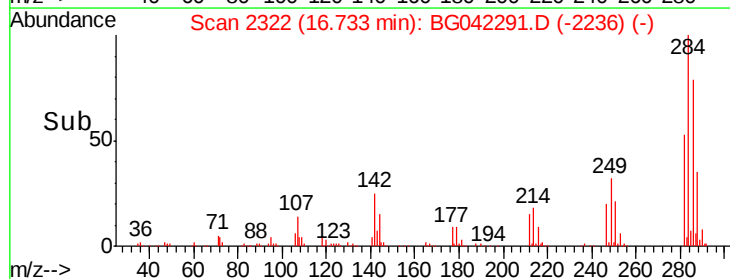
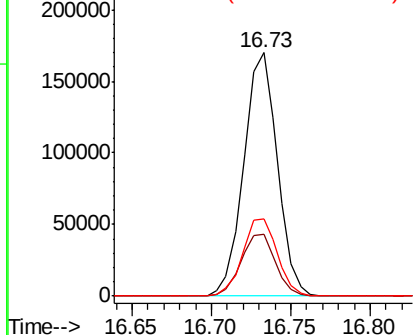


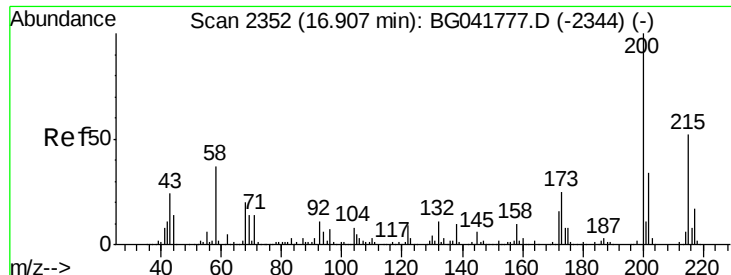
#68
 Hexachlorobenzene
 Concen: 46.280 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.03 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Tgt Ion: 284 Resp: 249170
 Ion Ratio Lower Upper
 284 100
 142 25.2 27.0 40.6#
 249 31.8 28.4 42.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 48.011 ng

RT: 16.87 min Scan# 2346

Delta R.T. -0.03 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

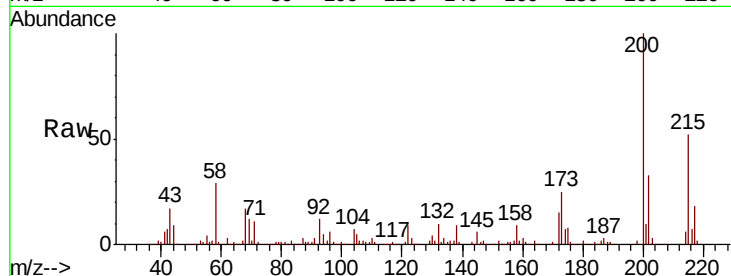
Tgt Ion:200 Resp: 214674

Ion Ratio Lower Upper

200 100

173 25.0 5.3 45.3

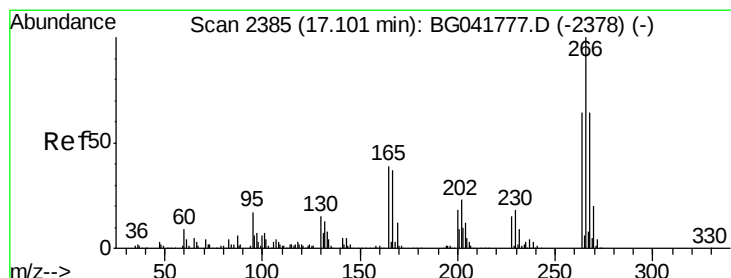
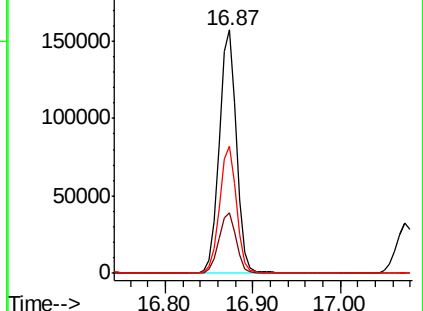
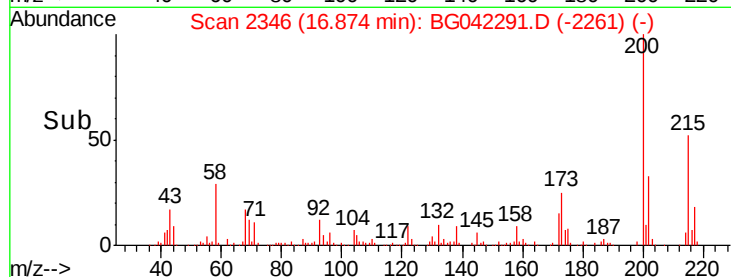
215 52.2 31.8 71.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 103.698 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.03 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

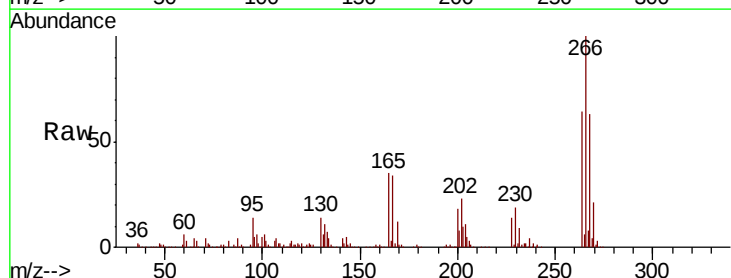
Tgt Ion:266 Resp: 317163

Ion Ratio Lower Upper

266 100

268 62.5 52.9 79.3

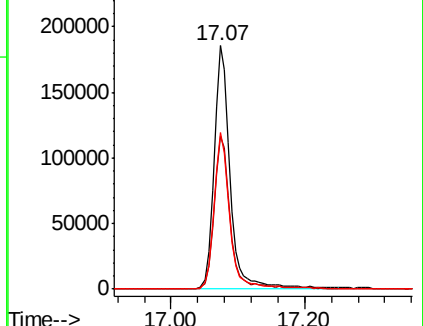
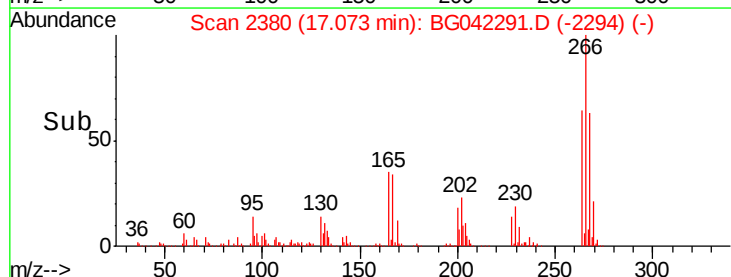
264 64.5 51.4 77.2

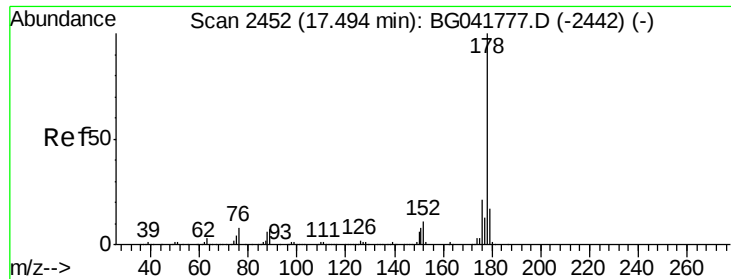


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

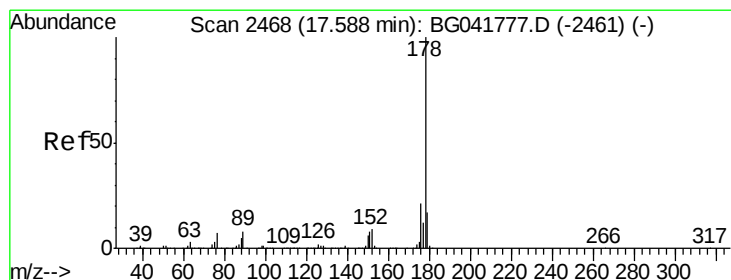
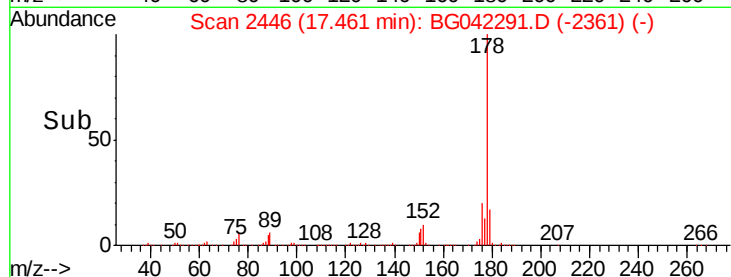
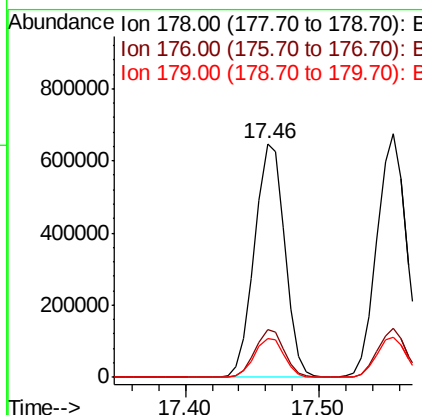
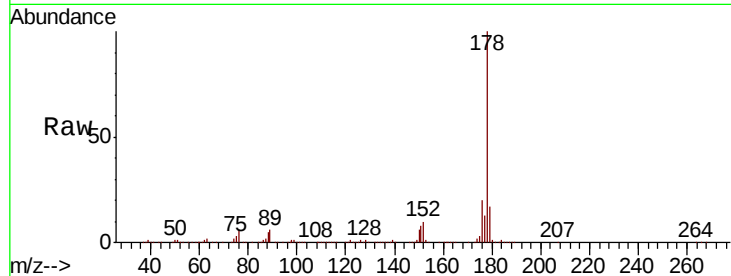




#71
Phenanthrene
Concen: 50.539 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.03 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

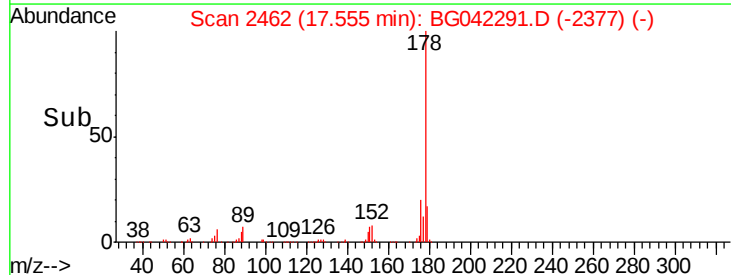
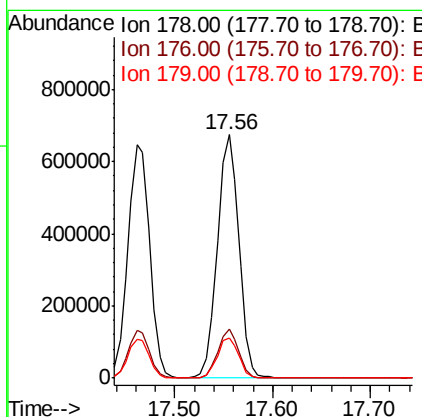
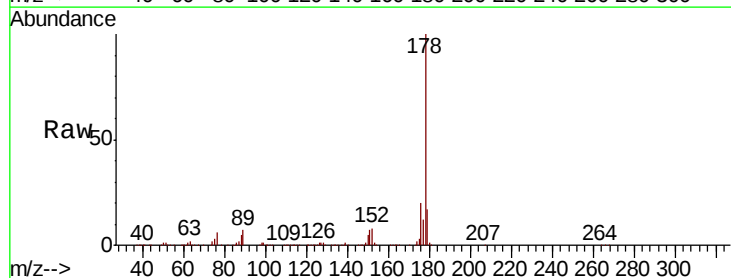
Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

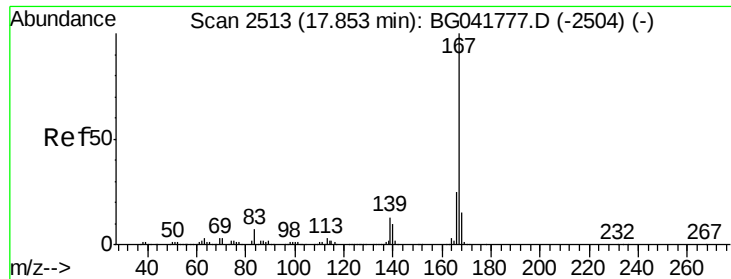
Tgt Ion:178 Resp: 1012092
Ion Ratio Lower Upper
178 100
176 20.3 18.6 28.0
179 16.7 15.4 23.0



#72
Anthracene
Concen: 51.440 ng
RT: 17.56 min Scan# 2462
Delta R.T. -0.03 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion:178 Resp: 1027377
Ion Ratio Lower Upper
178 100
176 19.9 18.6 28.0
179 16.7 15.1 22.7

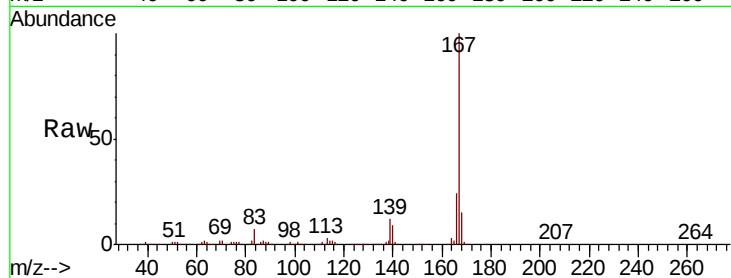




#73
 Carbazole
 Concen: 52.868 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.03 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.9	21.4	32.2
139	12.5	12.1	18.1

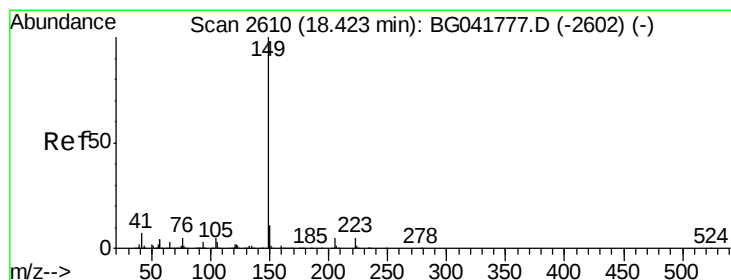
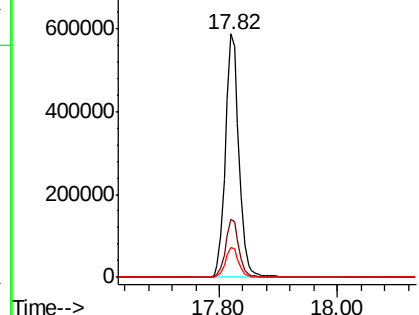
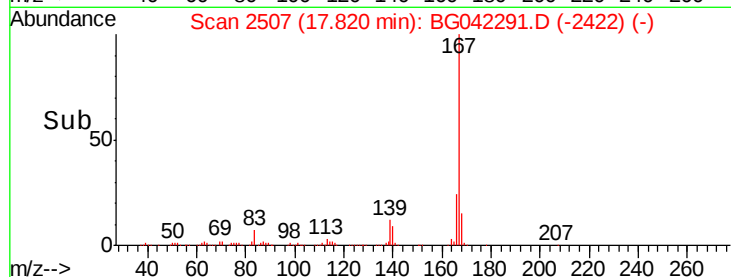


Abundance

Ion 167.00 (166.70 to 167.70): E

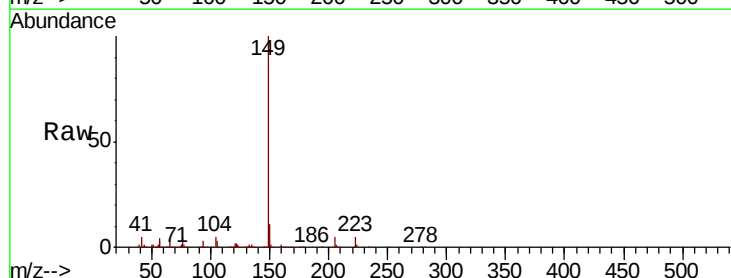
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 52.572 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.04 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	10.2	15.2
104	4.7	5.3	7.9#

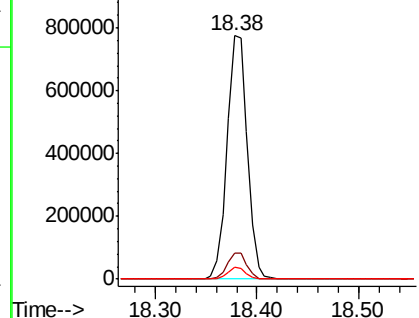
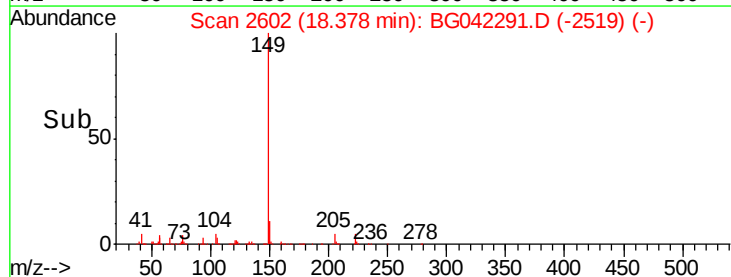


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 53.975 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.03 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

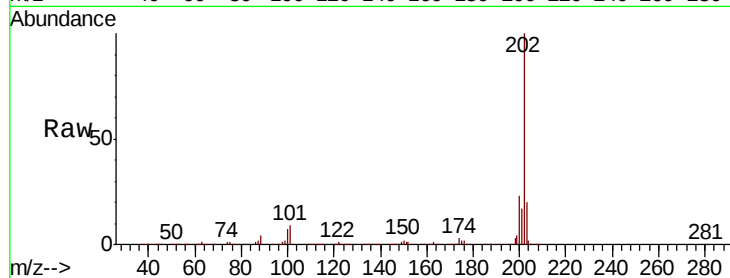
Tgt Ion:202 Resp: 1313845

Ion Ratio Lower Upper

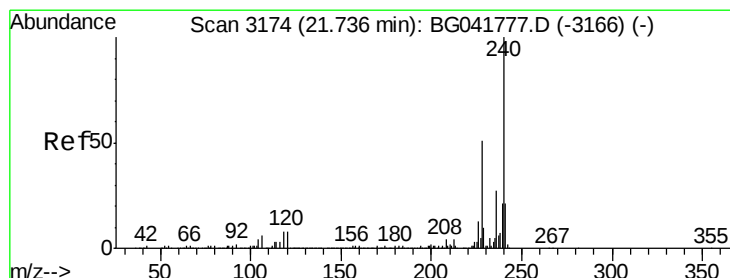
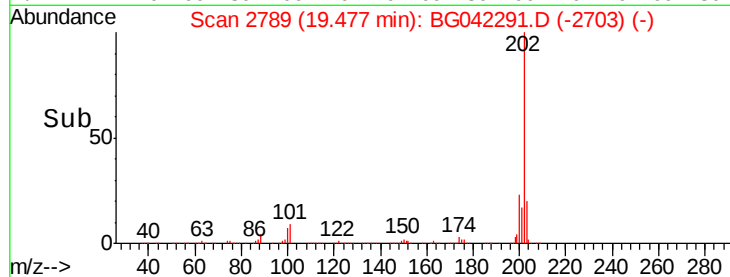
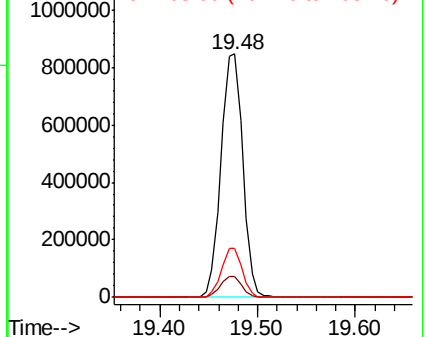
202 100

101 8.7 0.0 32.8

203 20.1 3.7 43.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.04 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

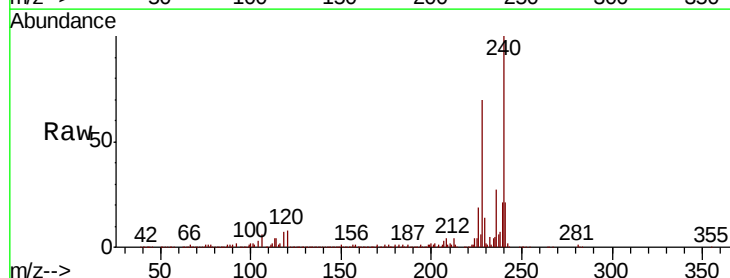
Tgt Ion:240 Resp: 452884

Ion Ratio Lower Upper

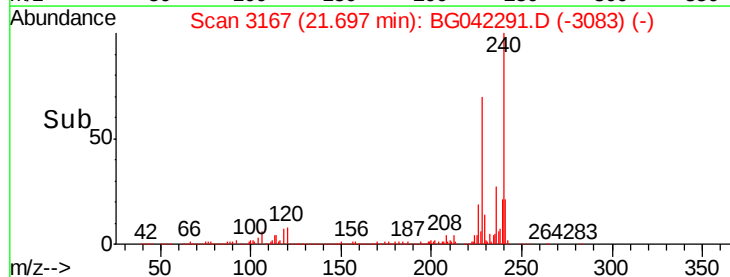
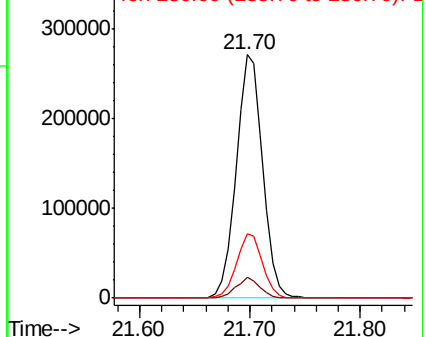
240 100

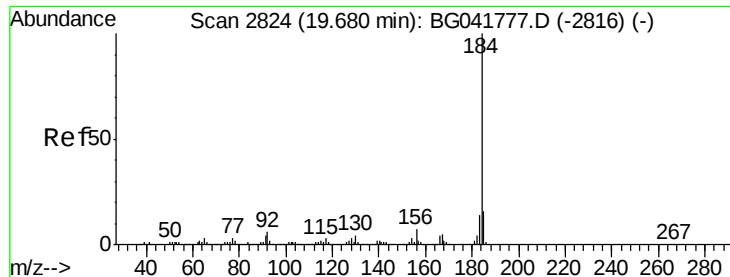
120 8.5 8.0 12.0

236 26.7 22.6 33.8



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: 16.647 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.03 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

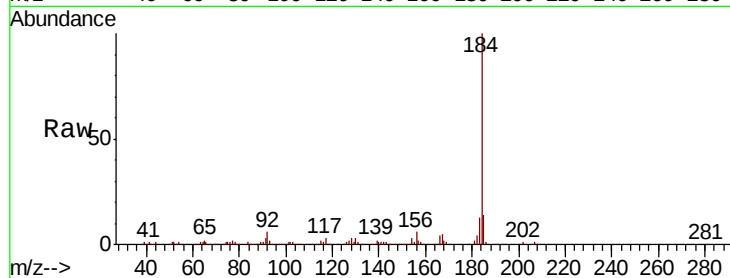
Tgt Ion:184 Resp: 246079

Ion Ratio Lower Upper

184 100

185 14.3 13.0 19.4

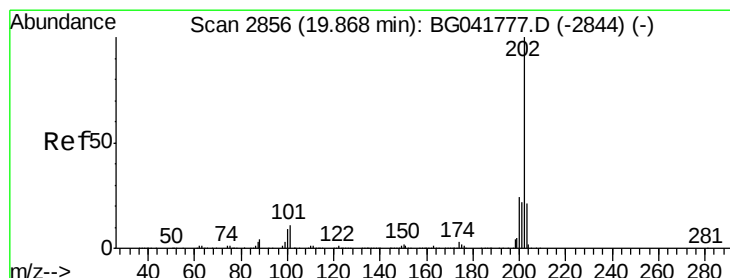
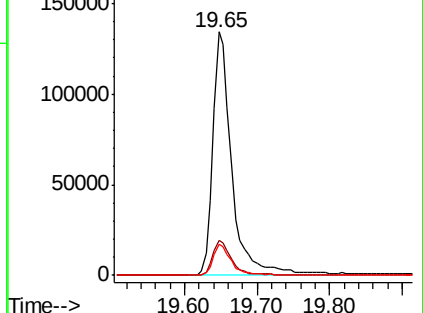
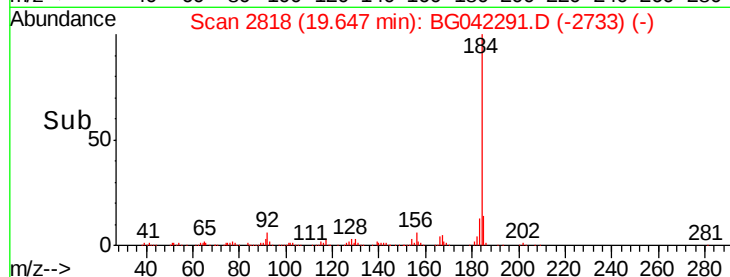
183 12.8 11.8 17.6



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



#78

Pyrene

Concen: 49.112 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

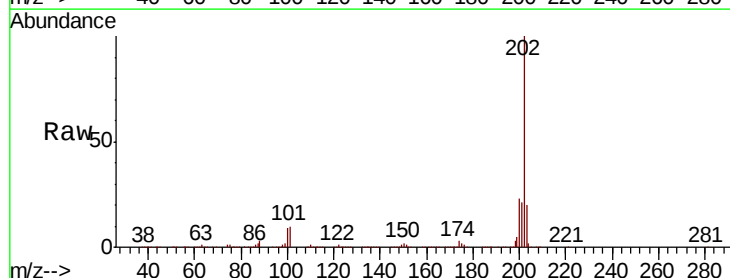
Tgt Ion:202 Resp: 1317806

Ion Ratio Lower Upper

202 100

200 23.4 22.2 33.2

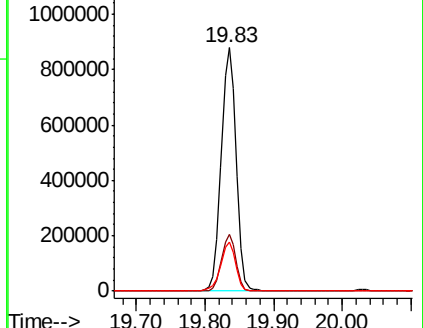
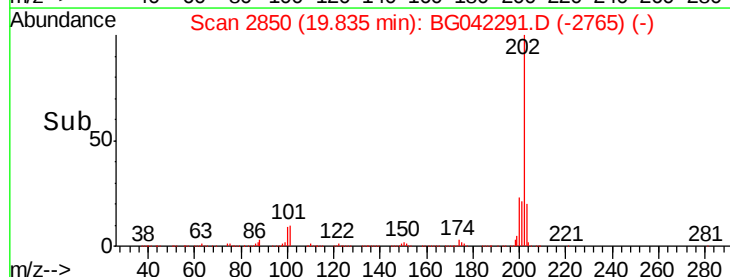
203 20.3 18.9 28.3

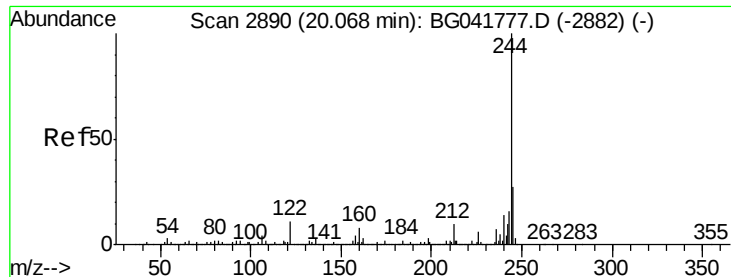


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.464 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.04 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

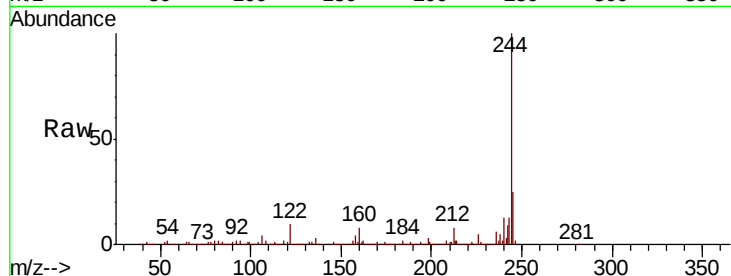
Tgt Ion:244 Resp: 1909176

Ion Ratio Lower Upper

244 100

212 8.4 9.7 14.5#

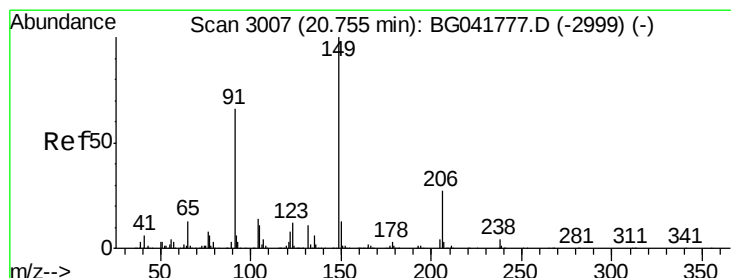
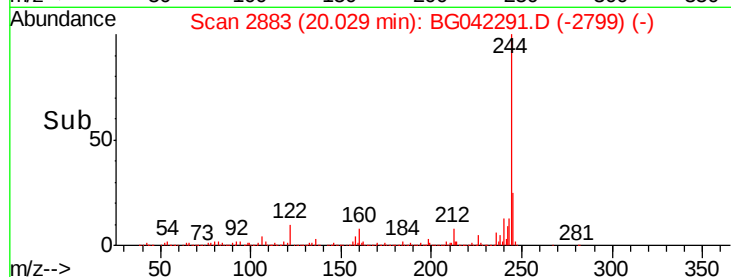
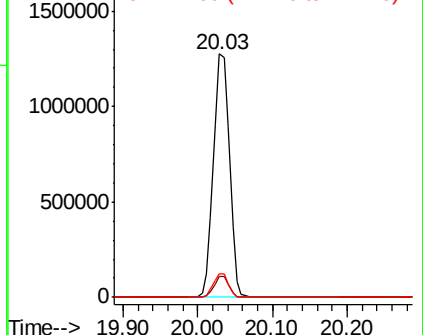
122 9.9 12.5 18.7#



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



#80

Butylbenzylphthalate

Concen: 52.066 ng

RT: 20.72 min Scan# 3000

Delta R.T. -0.04 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

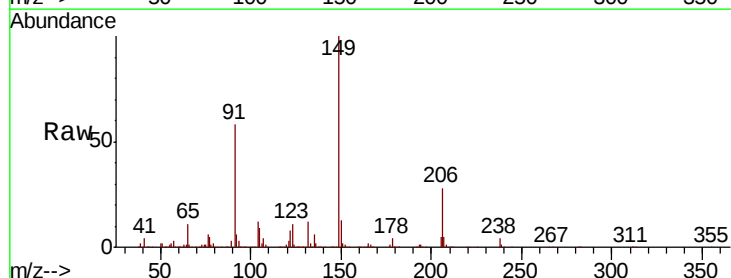
Tgt Ion:149 Resp: 535642

Ion Ratio Lower Upper

149 100

91 58.0 58.9 88.3#

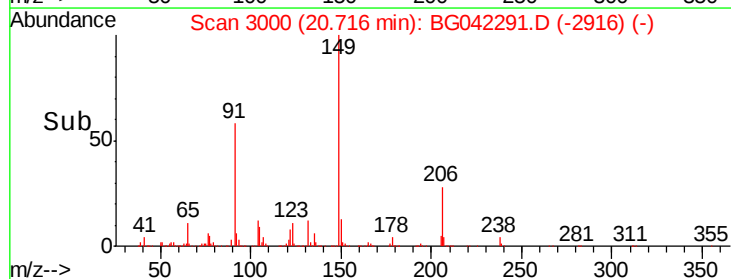
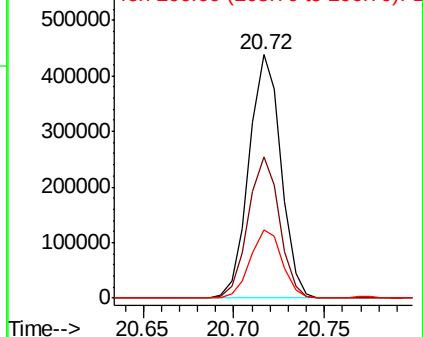
206 28.0 20.8 31.2

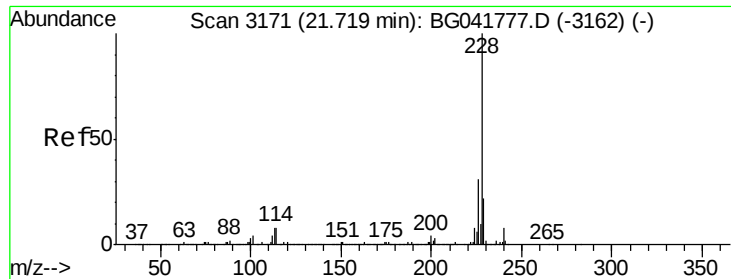


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

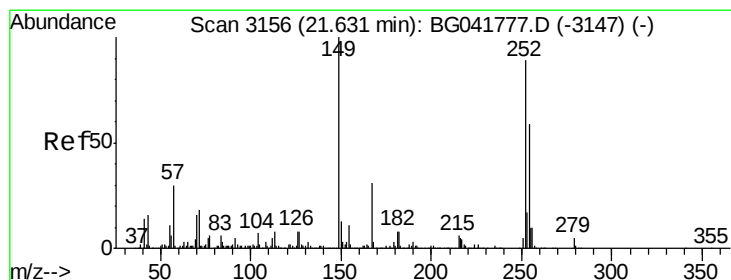
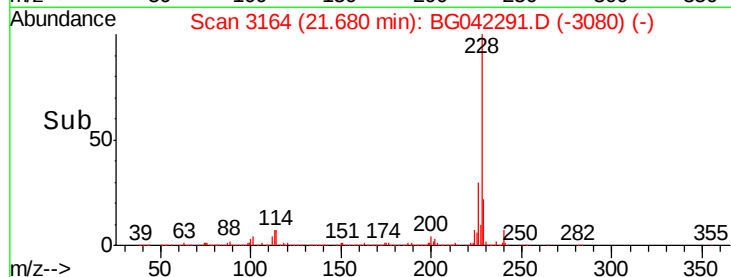
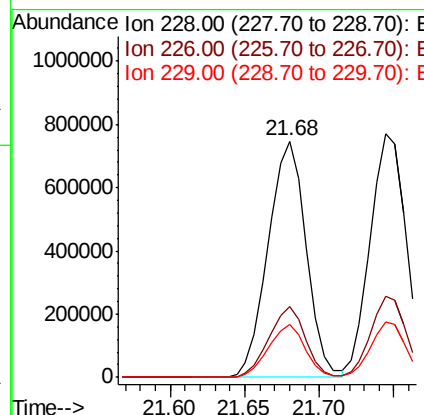
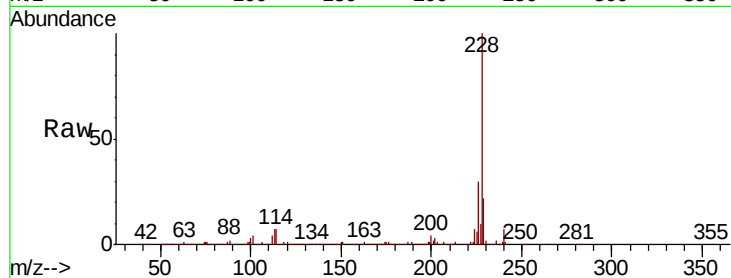




#81
Benzo(a)anthracene
Concen: 49.447 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.04 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

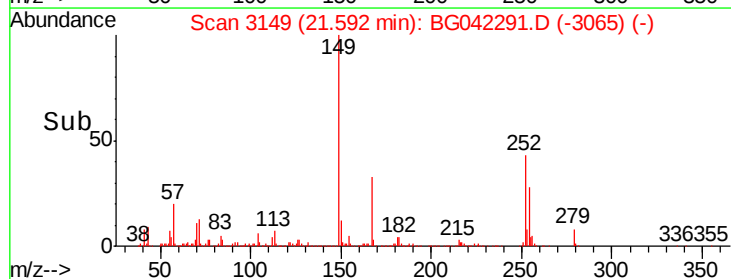
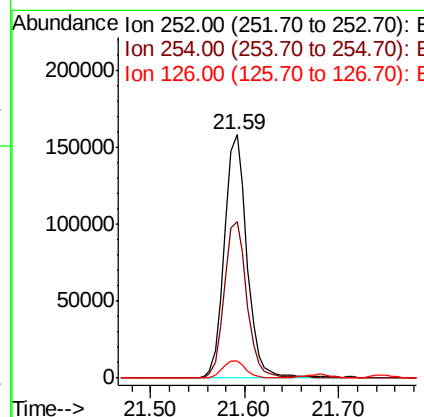
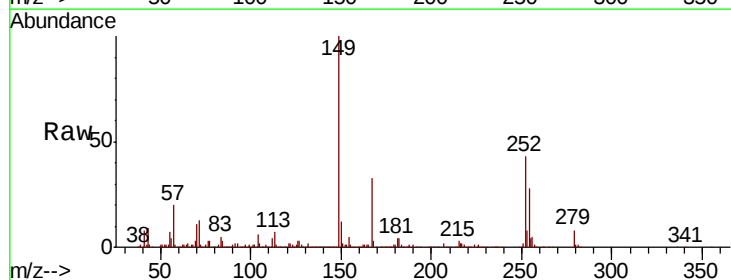
Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

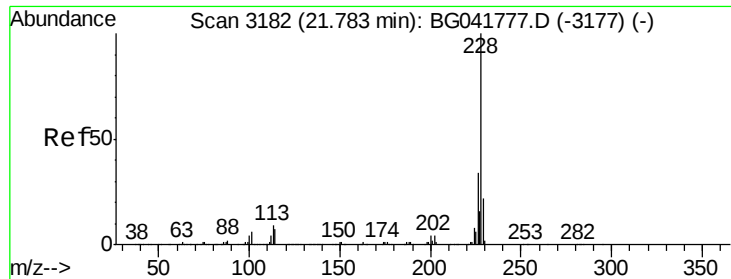
Tgt Ion:228 Resp: 1324911
Ion Ratio Lower Upper
228 100
226 29.9 27.3 40.9
229 22.2 19.7 29.5



#82
3,3'-Dichlorobenzidine
Concen: 24.783 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.04 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion:252 Resp: 266619
Ion Ratio Lower Upper
252 100
254 64.2 53.8 80.6
126 6.8 7.8 11.8#





#83

Chrysene

Concen: 49.622 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.04 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

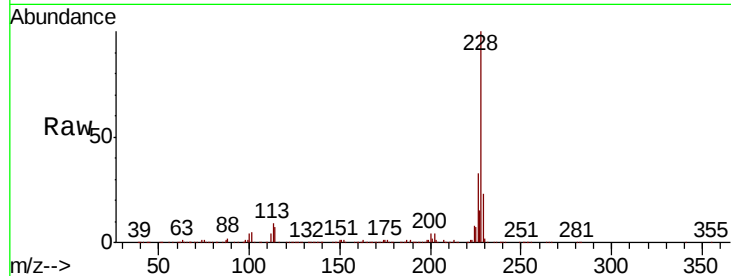
Tgt Ion:228 Resp: 1274517

Ion Ratio Lower Upper

228 100

226 33.4 30.1 45.1

229 22.8 19.8 29.6

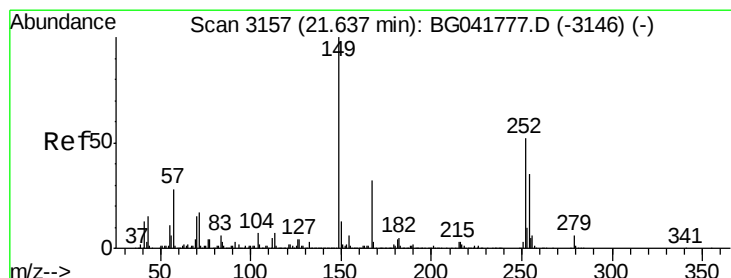
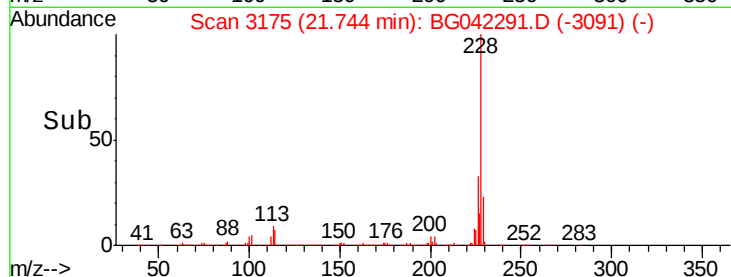
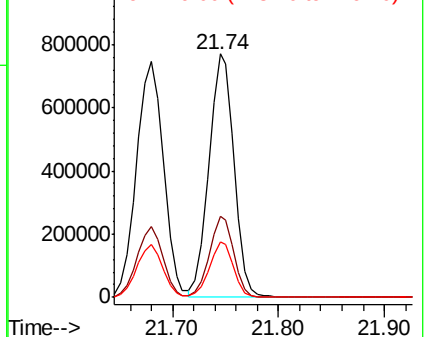


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.960 ng

RT: 21.59 min Scan# 3148

Delta R.T. -0.05 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

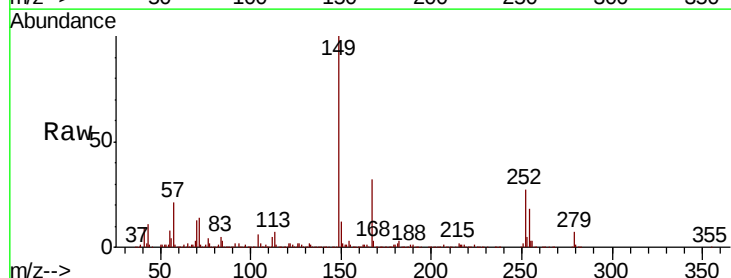
Tgt Ion:149 Resp: 751548

Ion Ratio Lower Upper

149 100

167 31.7 27.0 40.4

279 7.0 5.0 7.6

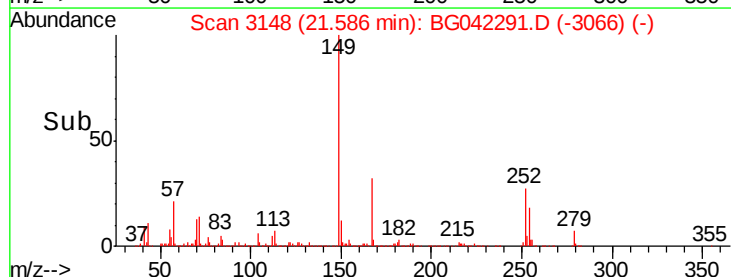
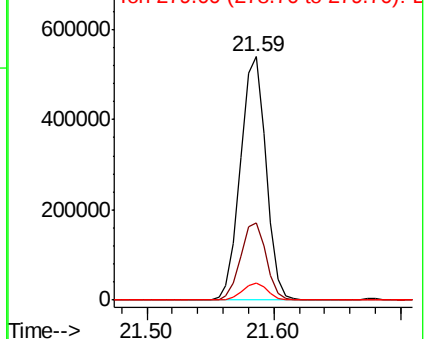


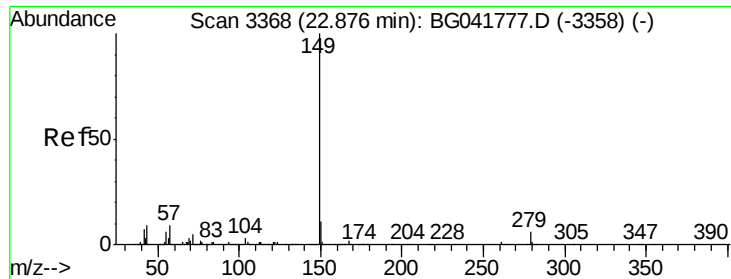
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.506 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.07 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

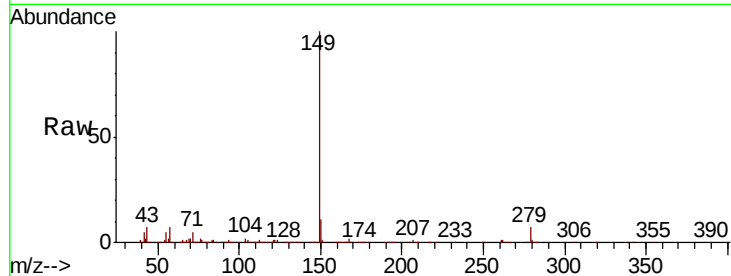
Tgt Ion:149 Resp: 1277861

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

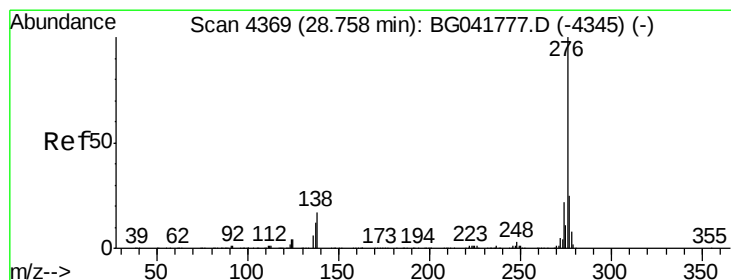
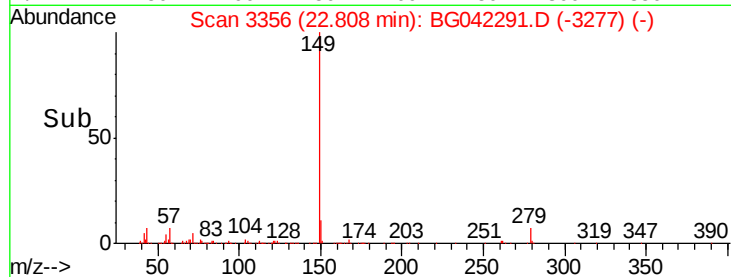
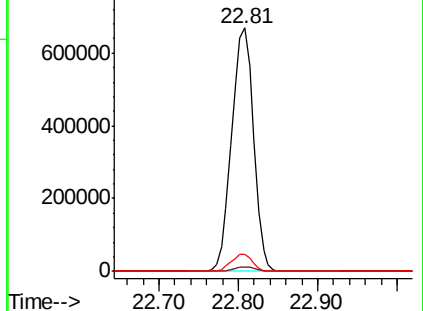
43 6.7 10.6 16.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.213 ng

RT: 28.67 min Scan# 4353

Delta R.T. -0.09 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

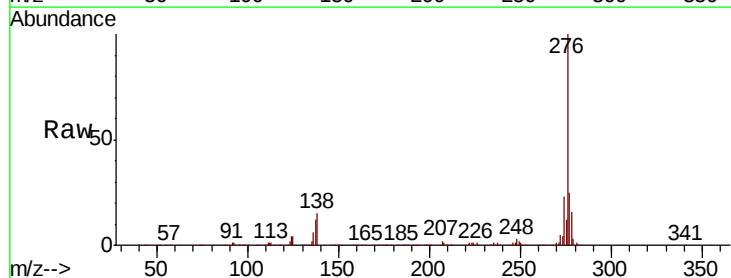
Tgt Ion:276 Resp: 1741268

Ion Ratio Lower Upper

276 100

138 18.8 19.4 29.0#

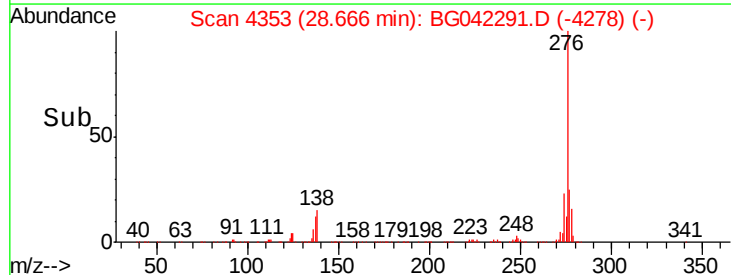
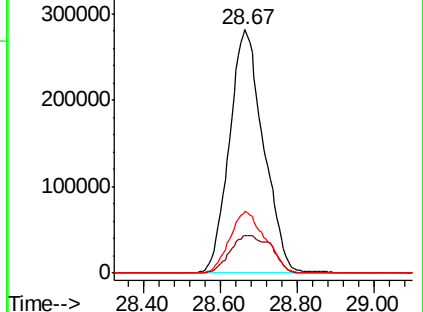
277 26.4 21.2 31.8

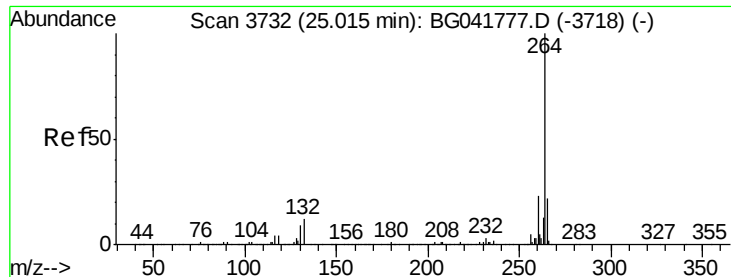


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.95 min Scan# 3720

Delta R.T. -0.07 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

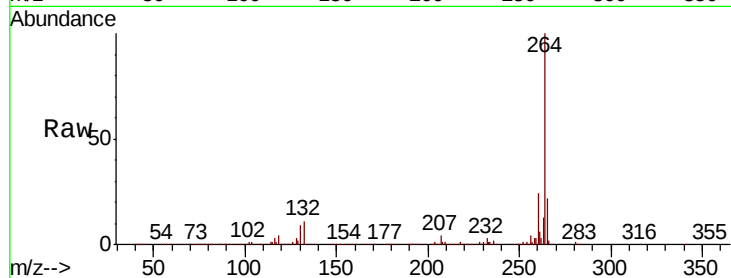
Tgt Ion:264 Resp: 545583

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 22.1 18.0 27.0

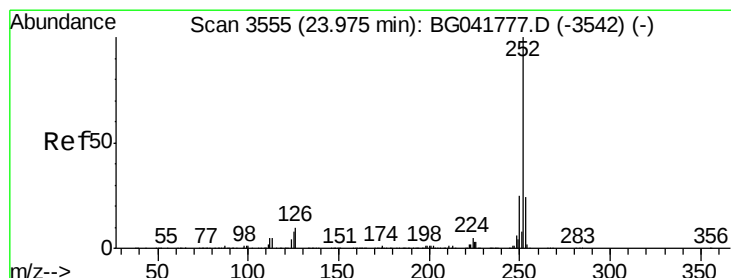
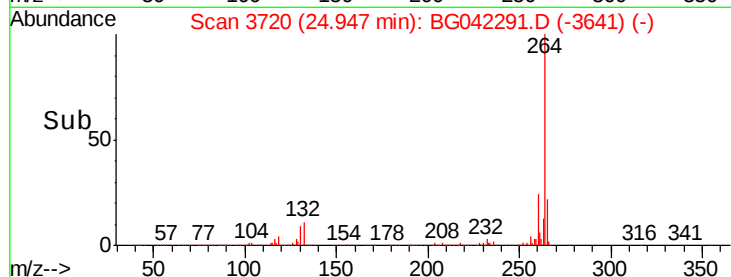
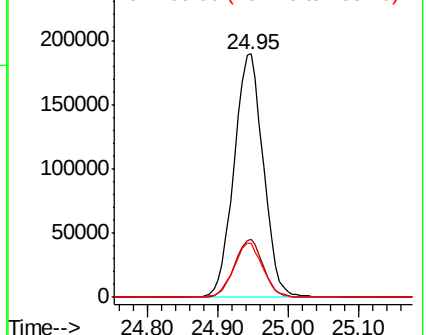


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 48.380 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.06 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

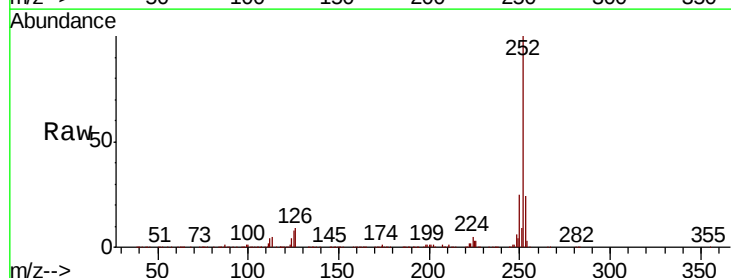
Tgt Ion:252 Resp: 1443946

Ion Ratio Lower Upper

252 100

253 23.9 20.6 30.8

125 7.7 8.0 12.0#

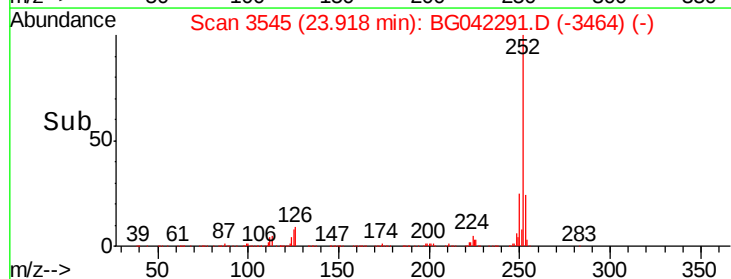
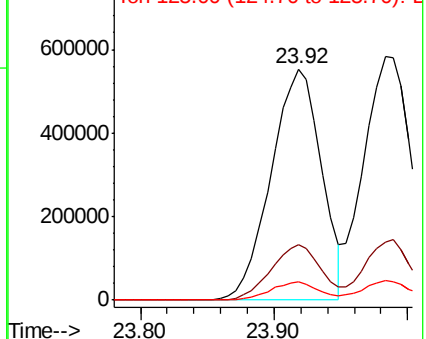


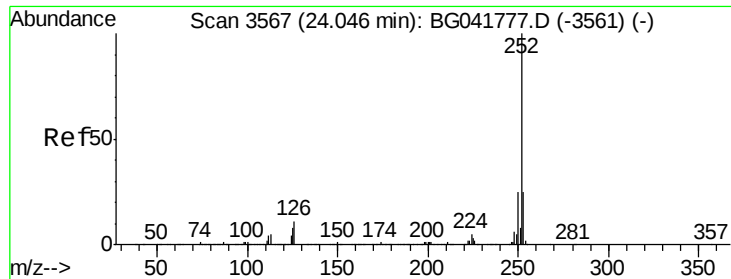
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

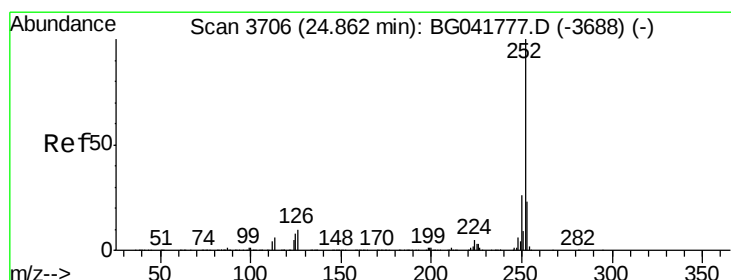
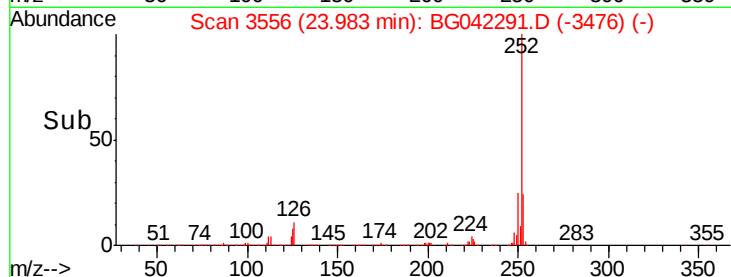
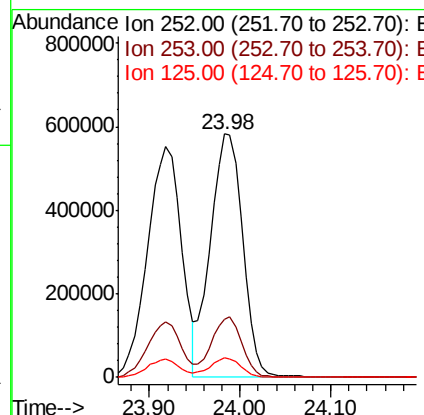
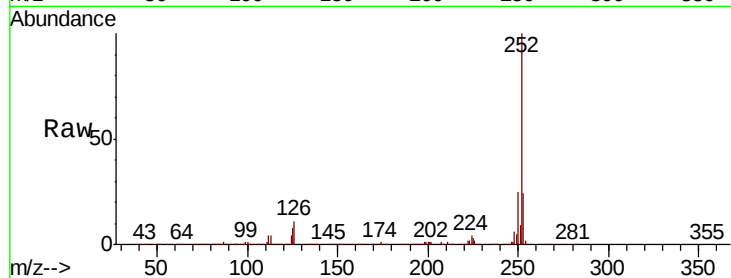




#89
Benzo(k)fluoranthene
Concen: 49.686 ng
RT: 23.98 min Scan# 3556
Delta R.T. -0.06 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

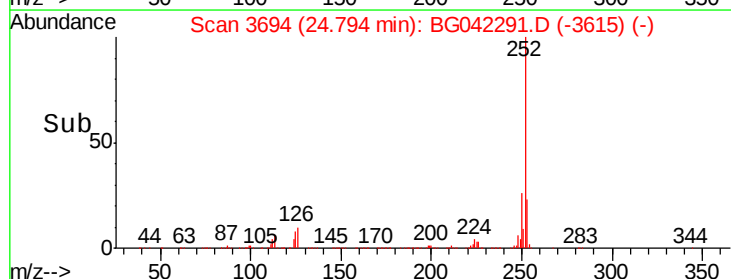
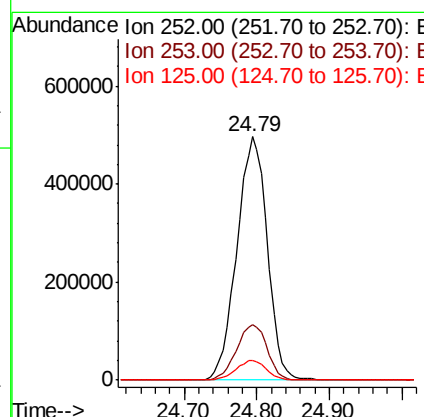
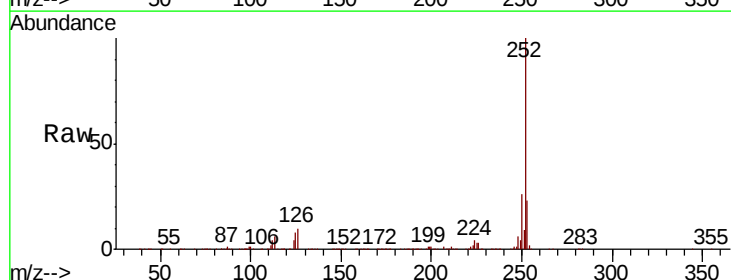
Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

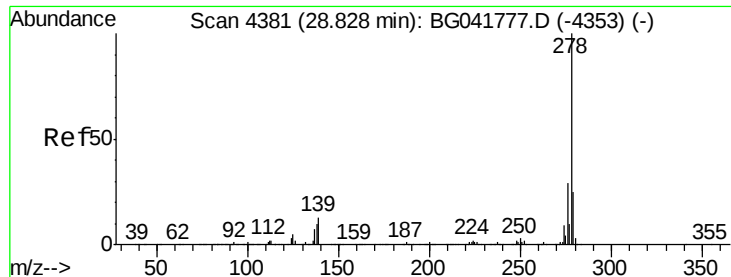
Tgt Ion:252 Resp: 1444501
Ion Ratio Lower Upper
252 100
253 24.0 20.5 30.7
125 7.9 8.4 12.6#



#90
Benzo(a)pyrene
Concen: 50.389 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.07 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion:252 Resp: 1442339
Ion Ratio Lower Upper
252 100
253 22.9 19.8 29.8
125 8.0 8.8 13.2#





#91

Dibenzo(a,h)anthracene

Concen: 50.771 ng

RT: 28.72 min Scan# 4363

Delta R.T. -0.10 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

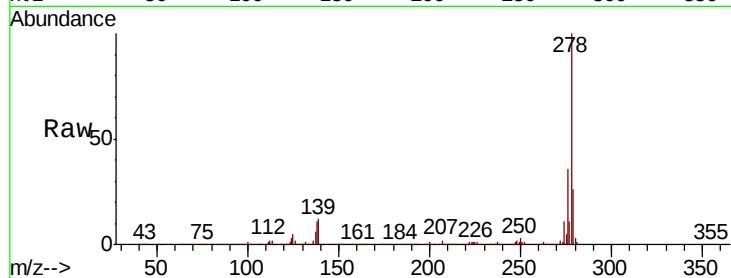
Tgt Ion:278 Resp: 1426988

Ion Ratio Lower Upper

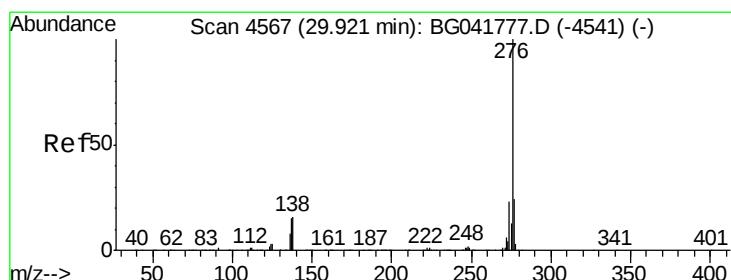
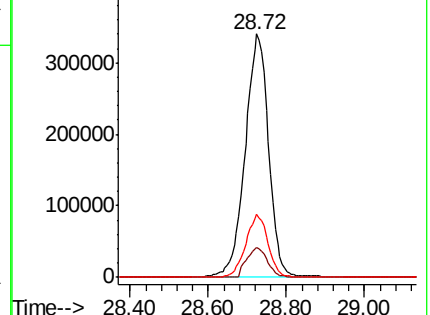
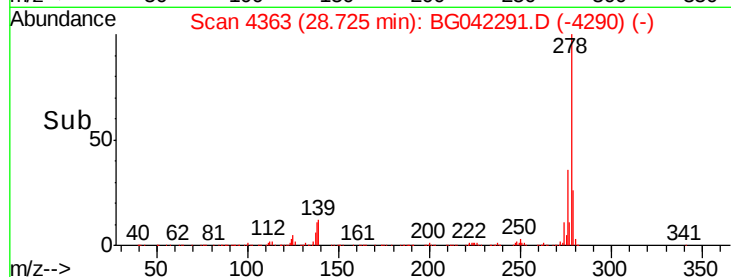
278 100

139 12.2 12.6 19.0#

279 25.8 20.5 30.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.735 ng

RT: 29.83 min Scan# 4551

Delta R.T. -0.09 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

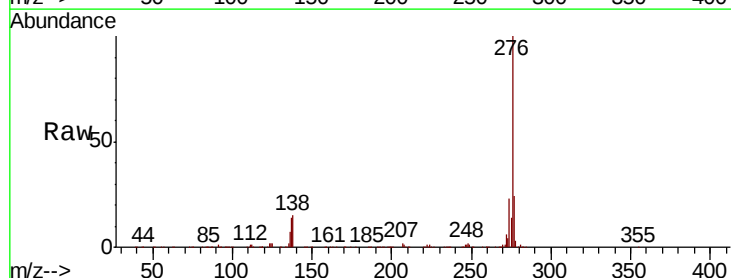
Tgt Ion:276 Resp: 1452744

Ion Ratio Lower Upper

276 100

277 23.7 19.8 29.8

138 15.2 16.6 25.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

