

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
 Data File : BG040768.D
 Acq On : 7 May 2019 14:03
 Operator : HP/JU
 Sample : K2674-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMS

Quant Time: May 08 12:49:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	45283	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	173401	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	125647	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	343448	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	352457	20.00	ng	-0.02
87) Perylene-d12	25.16	264	363825	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	368238	143.35	ng	0.00
7) Phenol-d6	7.28	99	527336	133.32	ng	-0.01
23) Nitrobenzene-d5	9.32	82	475133	126.61	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	20003	11.58	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	982487	112.93	ng	-0.02
79) Terphenyl-d14	20.11	244	1959473	123.17	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	54565	46.706	ng	89
3) Pyridine	3.95	79	150206	44.357	ng	95
4) n-Nitrosodimethylamine	3.87	42	93446	49.751	ng	96
6) Aniline	7.46	93	231960	44.245	ng	99
8) 2-Chlorophenol	7.71	128	152516	48.623	ng	98
9) Benzaldehyde	7.28	77	102510	44.586	ng	95
10) Phenol	7.31	94	177727	41.801	ng	95
11) bis(2-Chloroethyl)ether	7.56	93	162186	50.869	ng	99
12) 1,3-Dichlorobenzene	8.03	146	166930	48.758	ng	98
13) 1,4-Dichlorobenzene	8.18	146	169121	48.729	ng	98
14) 1,2-Dichlorobenzene	8.50	146	163676	48.901	ng	99
15) Benzyl Alcohol	8.38	79	191807	46.606	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	272838	42.982	ng	99
17) 2-Methylphenol	8.57	107	140179	46.588	ng	93
18) Hexachloroethane	9.23	117	64663	45.419	ng	99
19) n-Nitroso-di-n-propylamine	8.95	70	156299	43.898	ng	94
20) 3+4-Methylphenols	8.90	107	187336	44.693	ng	98
22) Acetophenone	8.97	105	282174	58.520	ng	# 97
24) Nitrobenzene	9.37	77	235414	58.795	ng	93
25) Isophorone	9.88	82	441983	52.873	ng	99
26) 2-Nitrophenol	10.07	139	53173	37.048	ng	94
27) 2,4-Dimethylphenol	10.11	122	136094	50.537	ng	97
28) bis(2-Chloroethoxy)methane	10.36	93	228456	54.472	ng	96
29) 2,4-Dichlorophenol	10.60	162	187640	61.290	ng	97
30) 1,2,4-Trichlorobenzene	10.83	180	200237	58.979	ng	98
31) Naphthalene	11.02	128	512906	55.676	ng	99
33) 4-Chloroaniline	11.12	127	227326	55.656	ng	96
34) Hexachlorobutadiene	11.28	225	143686	57.327	ng	98
35) Caprolactam	11.89	113	49287	40.776	ng	# 88
36) 4-Chloro-3-methylphenol	12.22	107	206001	53.339	ng	97
37) 2-Methylnaphthalene	12.61	142	400774	58.186	ng	100
38) 1-Methylnaphthalene	12.83	142	374890	55.684	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	279776	59.773	ng	97
41) Hexachlorocyclopentadiene	12.94	237	216616	78.428	ng	98

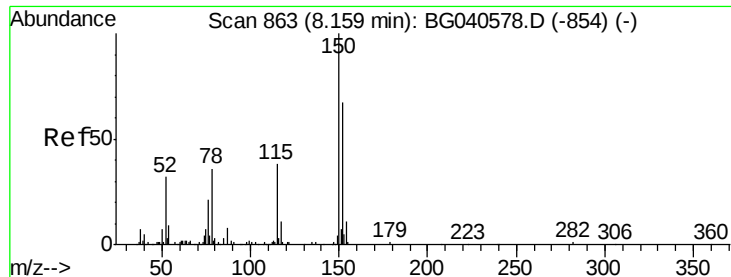
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
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 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.21	196	21315	7.536	nq	93
44) 2,4,5-Trichlorophenol	13.28	196	128676	41.760	nq	97
46) 1,1'-Biphenyl	13.61	154	535933	54.937	nq	97
47) 2-Chloronaphthalene	13.66	162	433898	56.834	nq	99
48) 2-Nitroaniline	13.86	65	188531	69.375	nq	99
49) Acenaphthylene	14.50	152	694443	53.614	nq	99
50) Dimethylphthalate	14.22	163	605541	57.601	nq	99
51) 2,6-Dinitrotoluene	14.35	165	132892	64.770	nq	97
52) Acenaphthene	14.84	154	409505	54.288	nq	94
53) 3-Nitroaniline	14.68	138	133920	63.703	nq	94
55) Dibenzofuran	15.17	168	721658	58.409	nq	98
57) 2,4-Dinitrotoluene	15.13	165	186401	66.859	nq	91
58) Fluorene	15.82	166	570960	57.175	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.39	232	3600m	1.161	nq	
60) Diethylphthalate	15.57	149	645835	58.227	nq	98
61) 4-Chlorophenyl-phenylether	15.80	204	347905	59.901	nq	97
62) 4-Nitroaniline	15.84	138	146667	62.369	nq	94
63) Azobenzene	16.10	77	611440	53.528	nq	97
66) n-Nitrosodiphenylamine	16.02	169	538837	53.326	nq	98
67) 4-Bromophenyl-phenylether	16.70	248	240858	56.290	nq	92
68) Hexachlorobenzene	16.81	284	250453	56.607	nq	97
69) Atrazine	16.96	200	238665	59.615	nq	96
71) Phenanthrene	17.56	178	1033183	55.851	nq	98
72) Anthracene	17.65	178	1045487	56.225	nq	99
73) Carbazole	17.92	167	932225	55.027	nq	99
74) Di-n-butylphthalate	18.46	149	1113521	54.457	nq	100
75) Fluoranthene	19.56	202	1344206	58.310	nq	98
77) Benzidine	19.74	184	850087	88.088	nq	98
78) Pvrene	19.92	202	1333023	60.344	nq	97
80) Butylbenzylphthalate	20.79	149	516909	60.037	nq	96
81) Benzo(a)anthracene	21.78	228	1321436	59.322	nq	98
82) 3,3'-Dichlorobenzidine	21.69	252	454074	57.191	nq	98
83) Chrysene	21.85	228	1287553	60.777	nq	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	718954	57.848	nq	96
85) Di-n-octyl phthalate	22.91	149	1222254	58.394	nq	97
86) Indeno(1,2,3-cd)pyrene	29.02	276	1353005	52.824	nq	# 90
88) Benzo(b)fluoranthene	24.08	252	1311596	58.994	nq	96
89) Benzo(k)fluoranthene	24.16	252	1353600	65.192	nq	98
90) Benzo(a)pyrene	25.00	252	1283547	60.990	nq	99
91) Dibenzo(a,h)anthracene	29.09	278	1088983	51.133	nq	# 96
92) Benzo(g,h,i)perylene	30.23	276	1087330	51.300	nq	99

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

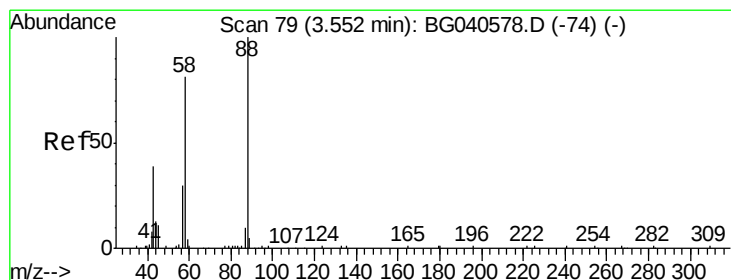
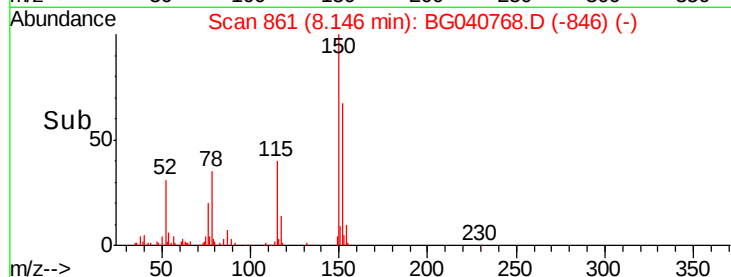
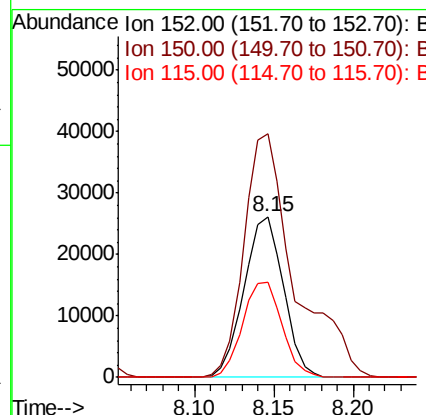
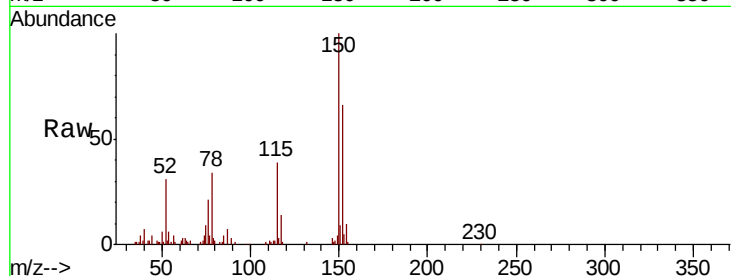


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

Instrument :
BNA_G
ClientSampleId :
SV28545LMS

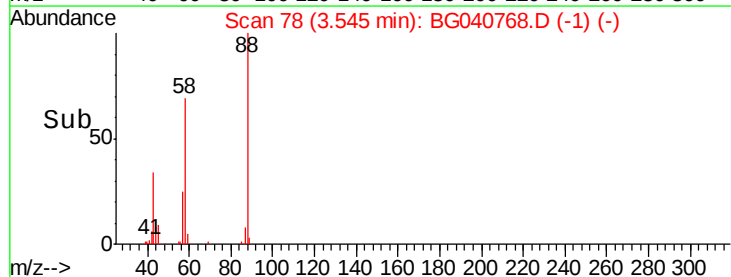
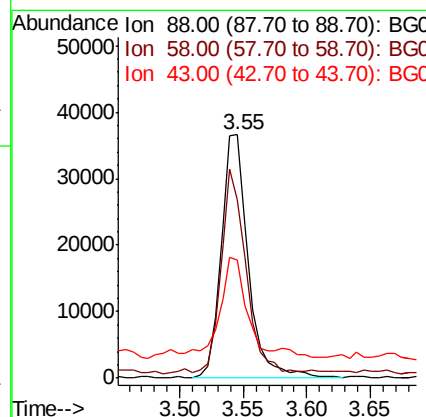
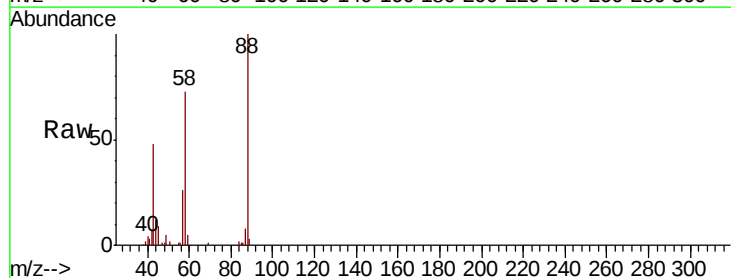
Tot Ion	152	Resp	45283
Ion Ratio	Lower	Upper	
152	100		
150	151.5	120.2	180.2
115	59.5	46.2	69.2

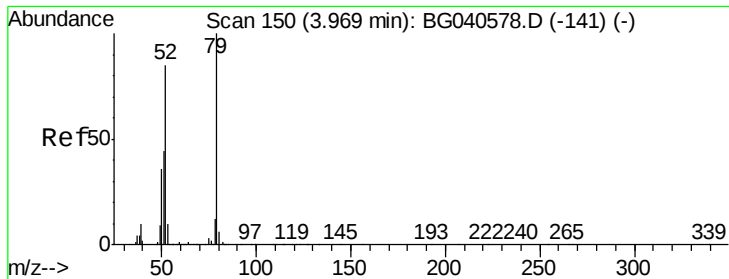


#2

1,4-Dioxane
Concen: 46.706 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

Tgt Ion	88	Resp	54565
Ion Ratio	Lower	Upper	
88	100		
58	79.8	71.2	106.8
43	35.9	35.6	53.4





#3

Pvridine

Concen: 44.357 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.02 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Instrument :

BNA_G

ClientSampleId :

SV28545LMS

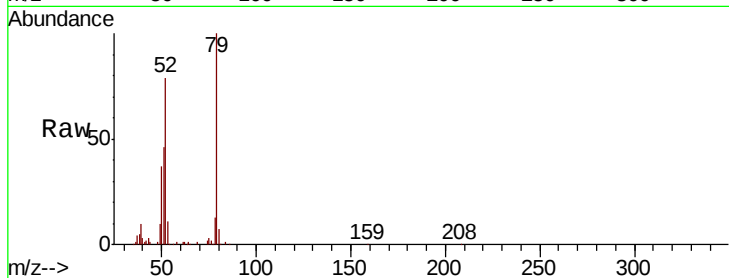
Tot Ion: 79 Resp: 150206

Ion Ratio Lower Upper

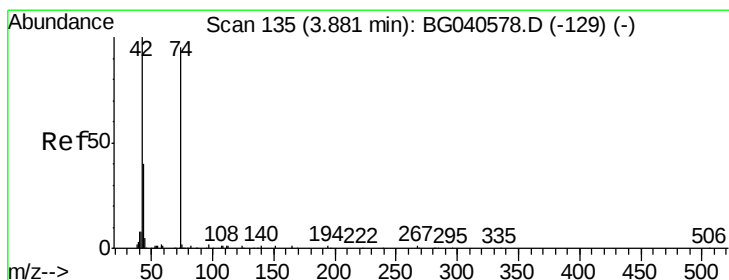
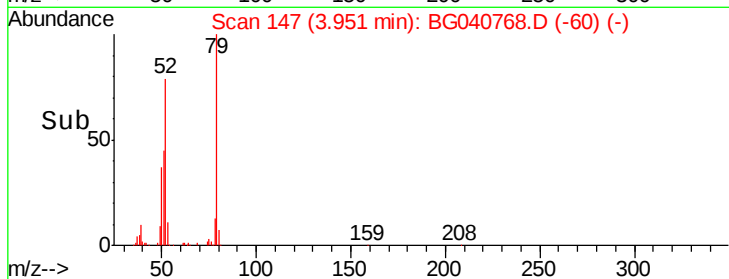
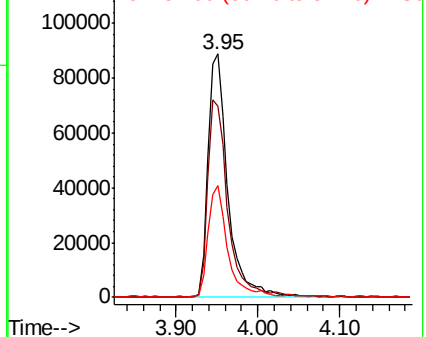
79 100

52 78.6 67.5 101.3

51 46.1 35.6 53.4



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: 49.751 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

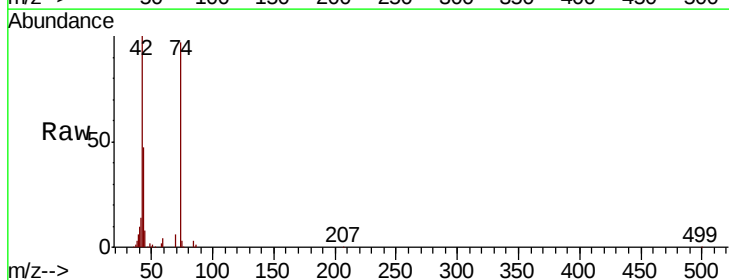
Tgt Ion: 42 Resp: 93446

Ion Ratio Lower Upper

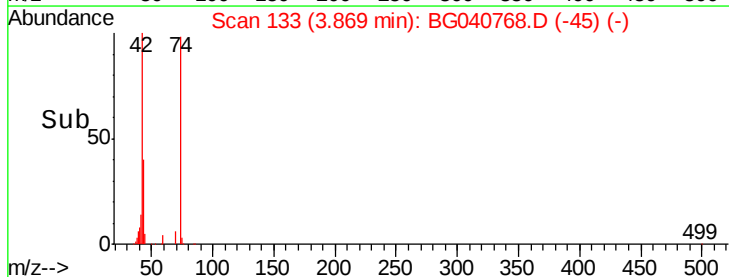
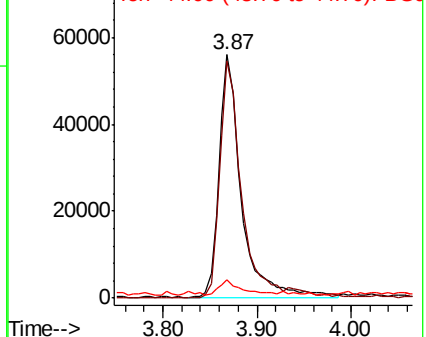
42 100

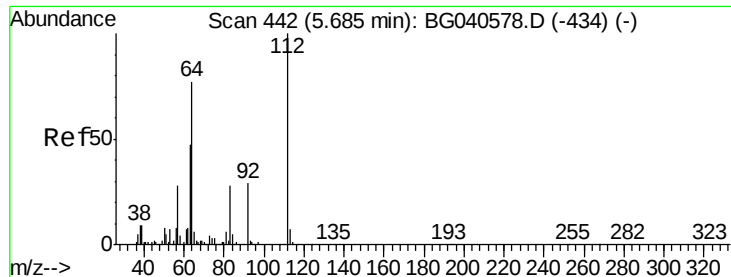
74 97.5 74.6 111.8

44 7.7 7.4 11.0



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: 143.347 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.01 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Instrument :

BNA_G

ClientSampleId :

SV28545LMS

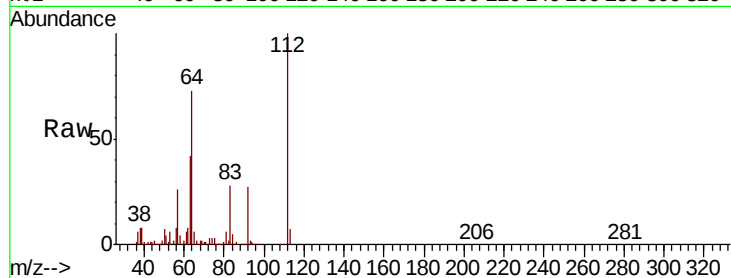
Tot Ion:112 Resp: 368238

Ion Ratio Lower Upper

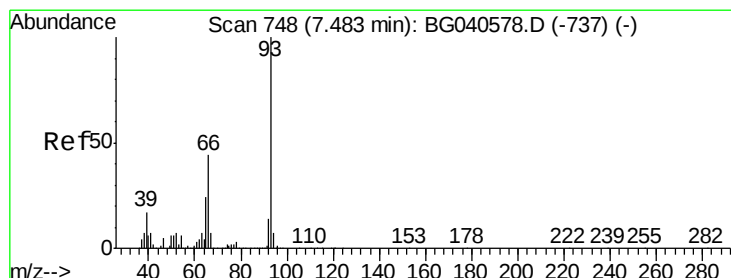
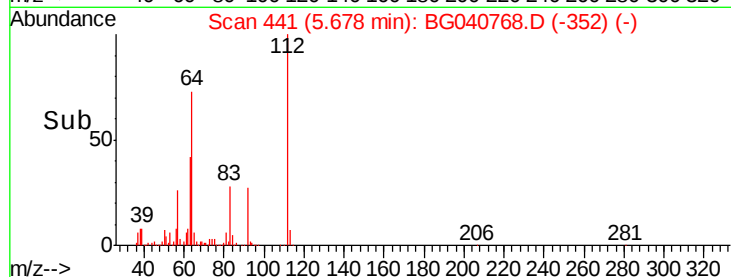
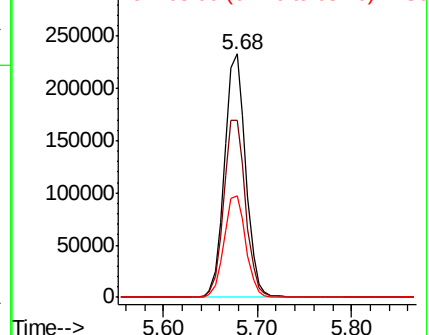
112 100

64 72.7 61.4 92.0

63 41.7 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 44.245 ng

RT: 7.46 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

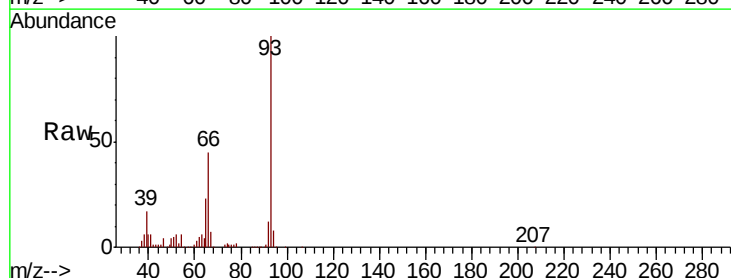
Tgt Ion: 93 Resp: 231960

Ion Ratio Lower Upper

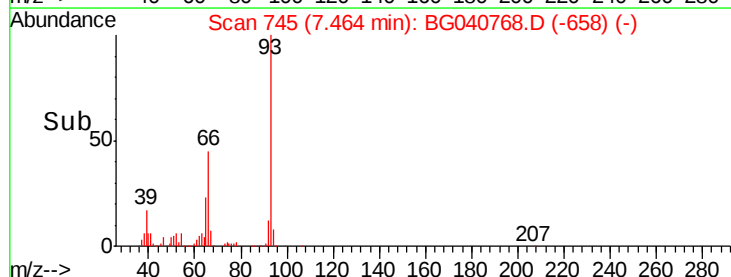
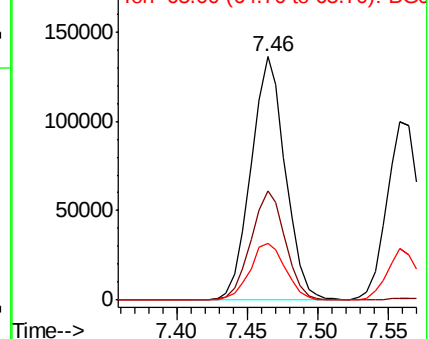
93 100

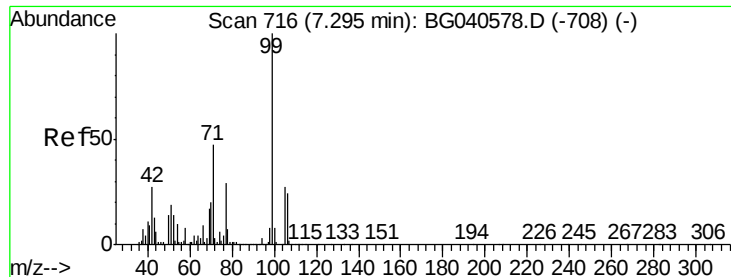
66 44.6 35.5 53.3

65 23.4 19.2 28.8



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: 133.323 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Instrument :

BNA_G

ClientSampleId :

SV28545LMS

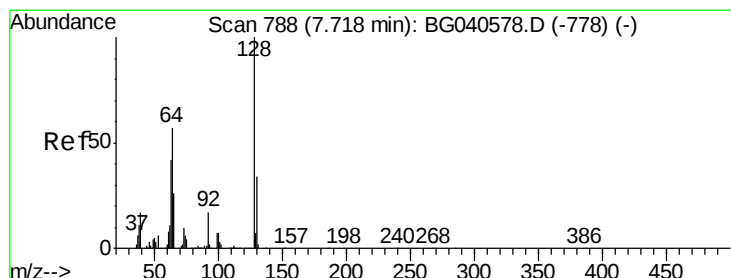
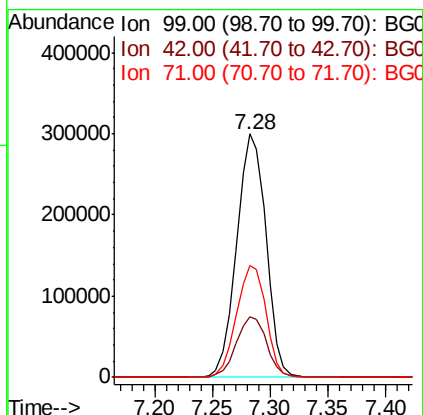
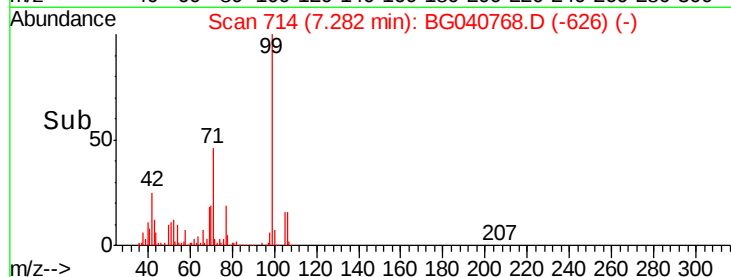
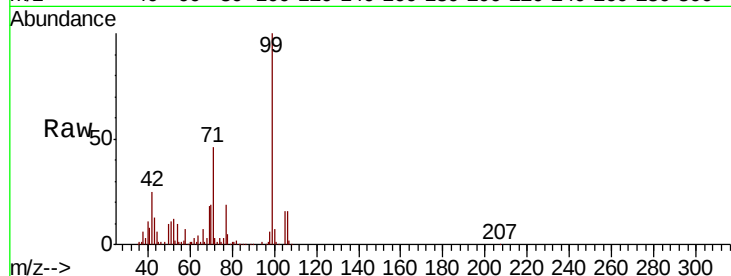
Tot Ion: 99 Resp: 527336

Ion Ratio Lower Upper

99 100

42 24.9 21.8 32.8

71 46.0 38.6 57.8



#8

2-Chlorophenol

Concen: 48.623 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

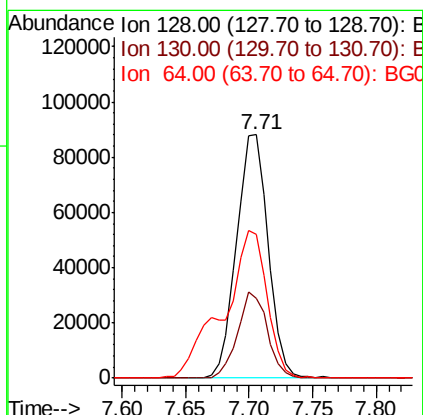
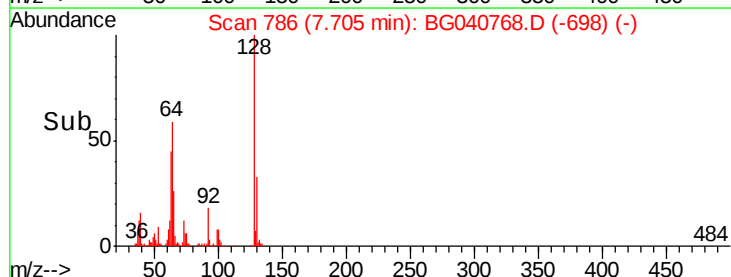
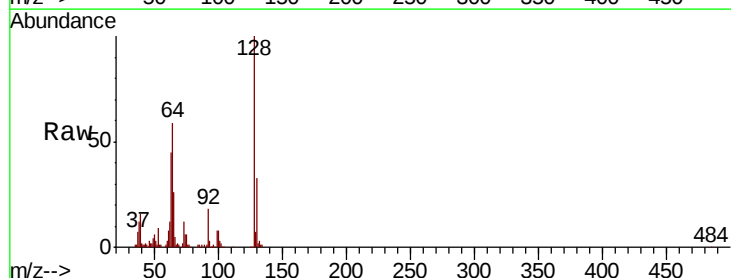
Tgt Ion:128 Resp: 152516

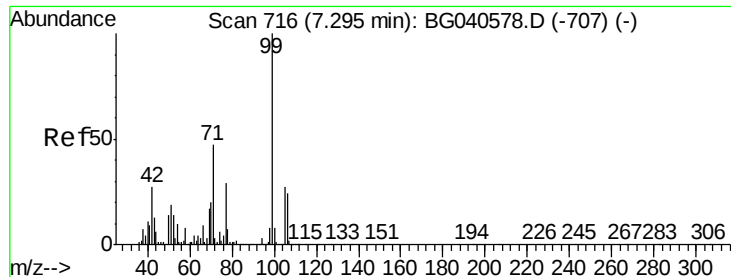
Ion Ratio Lower Upper

128 100

130 32.8 14.5 54.5

64 59.0 38.4 78.4





#9

Benzaldehyde

Concen: 44.586 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Instrument :

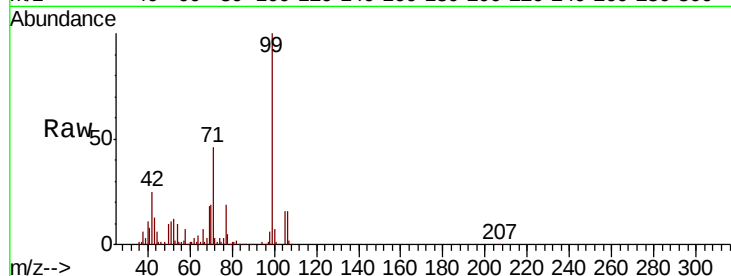
BNA_G

ClientSampleId :

SV28545LMS

Tot Ion: 77 Resp: 102510

Ion	Ratio	Lower	Upper
77	100		
105	84.0	72.0	112.0
106	82.5	61.2	101.2

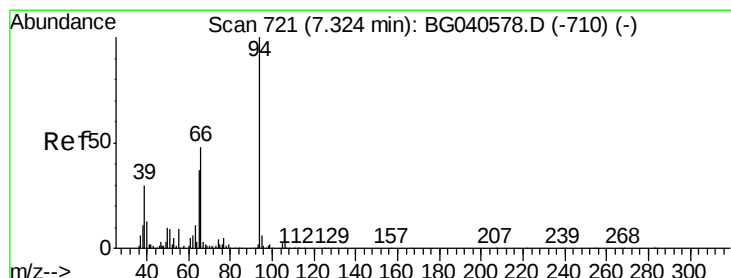
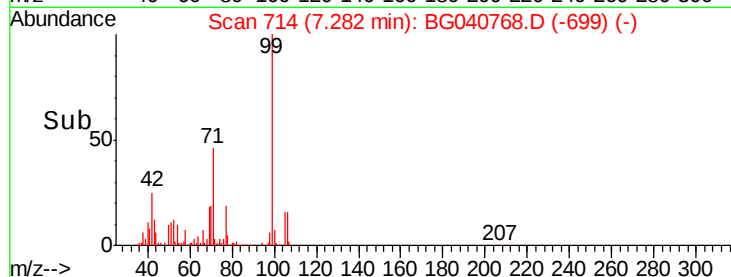
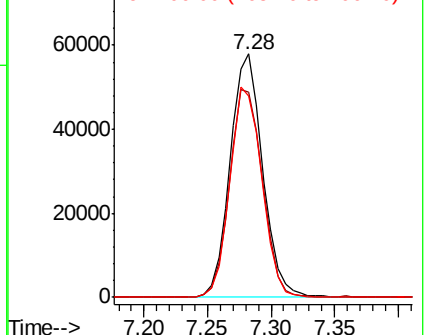


Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.801 ng

RT: 7.31 min Scan# 719

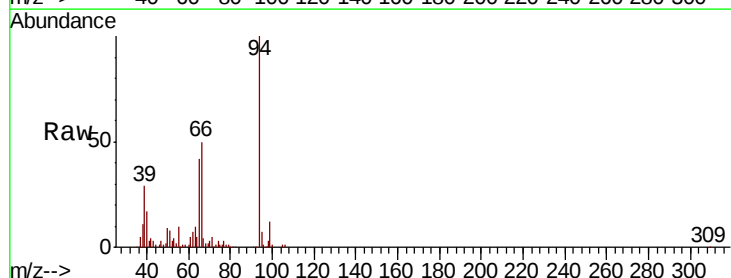
Delta R.T. -0.01 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Tgt Ion: 94 Resp: 177727

Ion	Ratio	Lower	Upper
94	100		
65	41.5	17.0	57.0
66	50.2	28.6	68.6

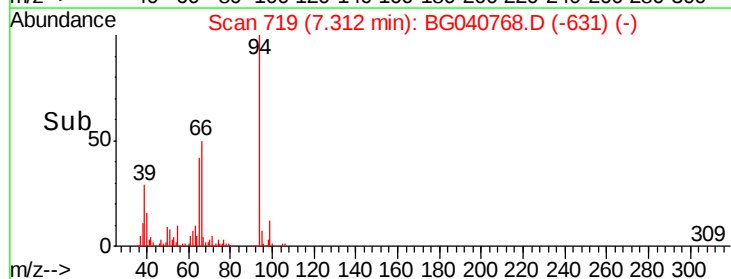
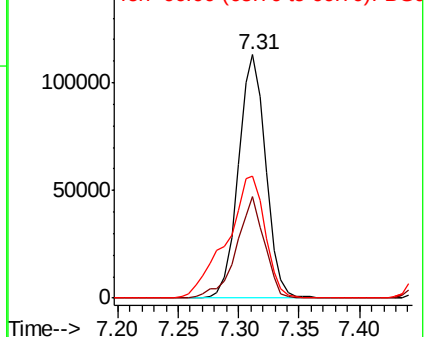


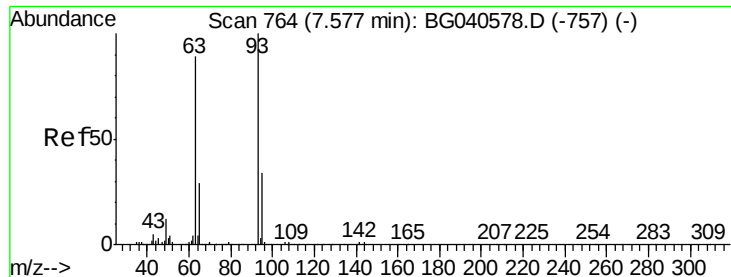
Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

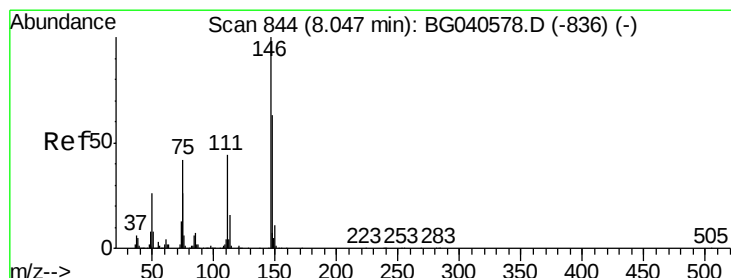
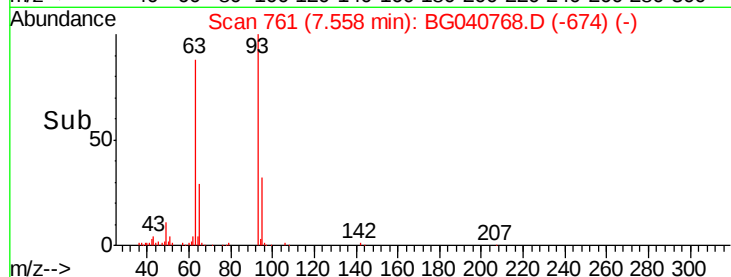
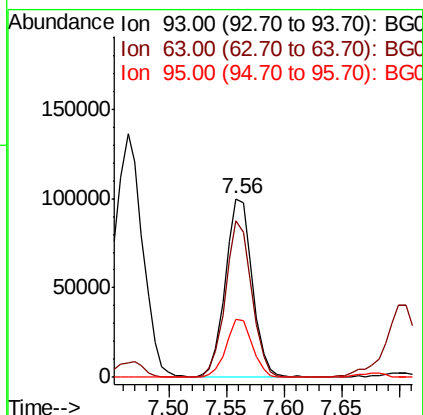
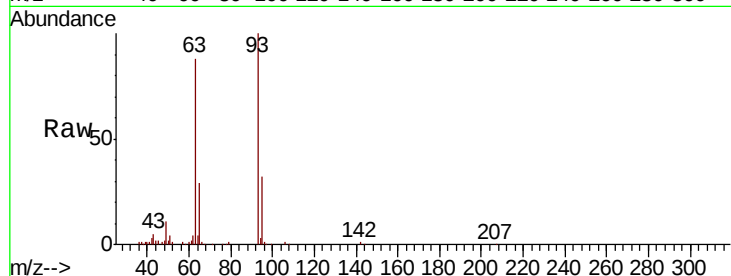




#11
bis(2-Chloroethyl)ether
Concen: 50.869 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

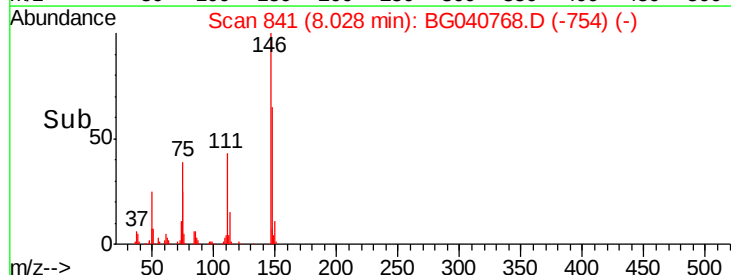
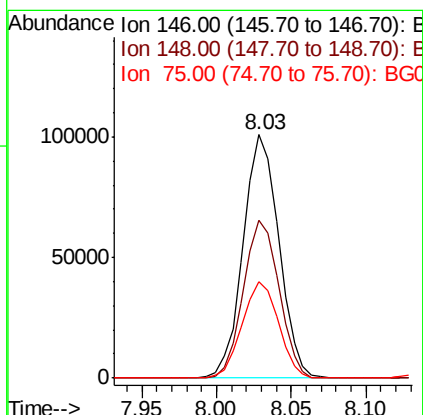
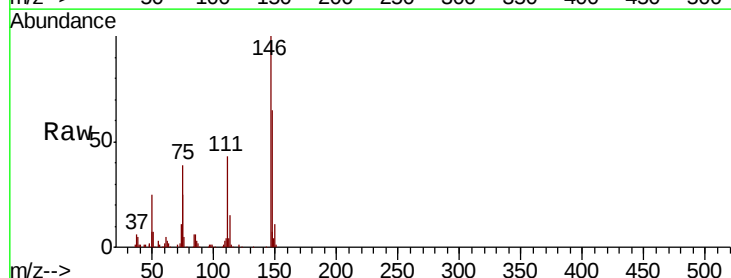
Instrument :
BNA_G
ClientSampleId :
SV28545LMS

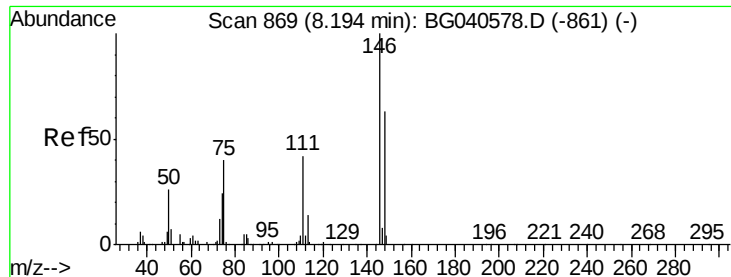
Tot Ion: 93 Resp: 162186
Ion Ratio Lower Upper
93 100
63 87.8 68.2 108.2
95 32.4 14.3 54.3



#12
1,3-Dichlorobenzene
Concen: 48.758 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

Tgt Ion: 146 Resp: 166930
Ion Ratio Lower Upper
146 100
148 64.6 50.7 76.1
75 39.4 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 48.729 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Instrument :

BNA_G

ClientSampleId :

SV28545LMS

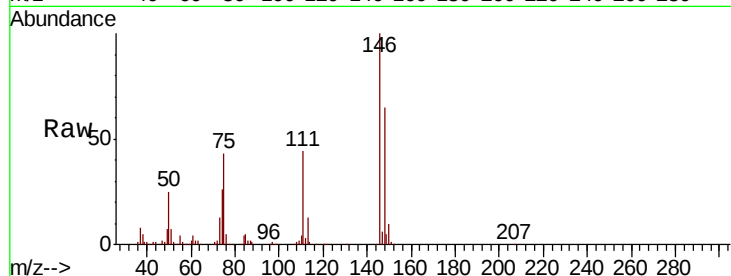
Tot Ion:146 Resp: 169121

Ion Ratio Lower Upper

146 100

148 65.3 50.6 75.8

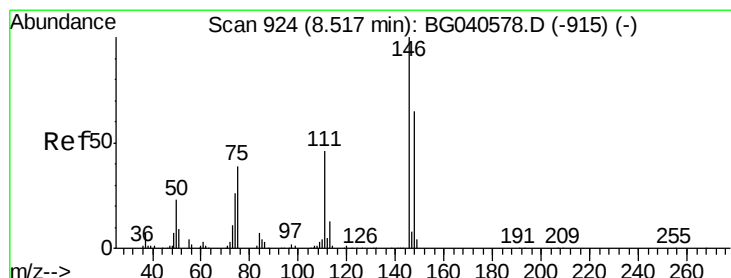
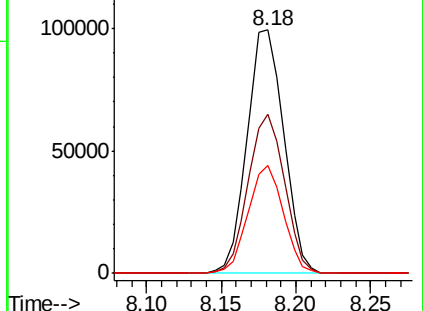
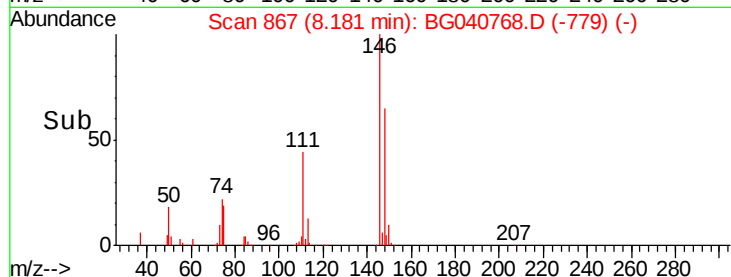
111 44.3 34.3 51.5



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: 48.901 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.02 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

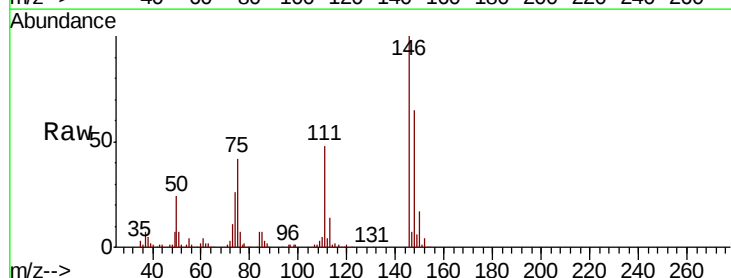
Tgt Ion:146 Resp: 163676

Ion Ratio Lower Upper

146 100

148 65.4 52.2 78.4

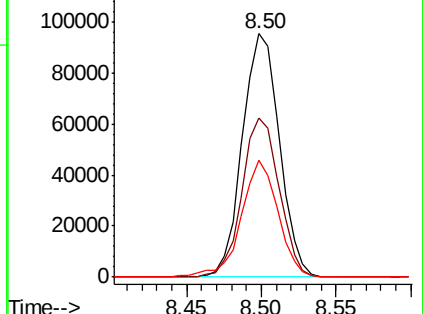
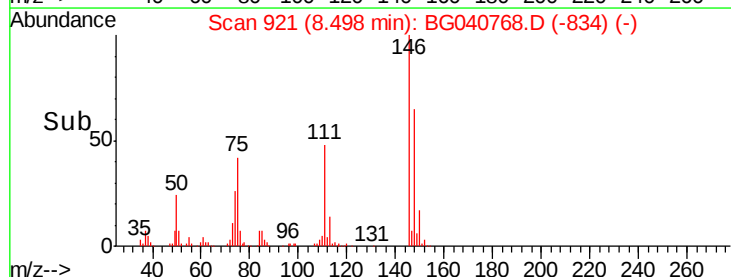
111 48.2 37.4 56.0

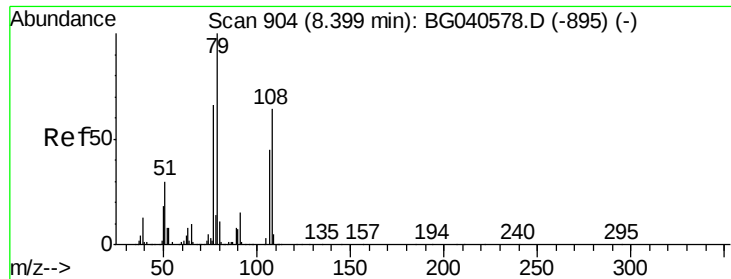


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.606 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Instrument :

BNA_G

ClientSampleId :

SV28545LMS

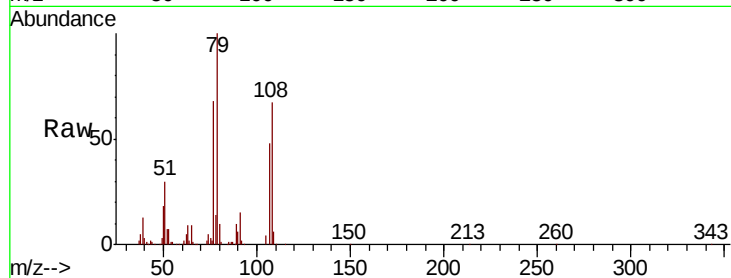
Tot Ion: 79 Resp: 191807

Ion Ratio Lower Upper

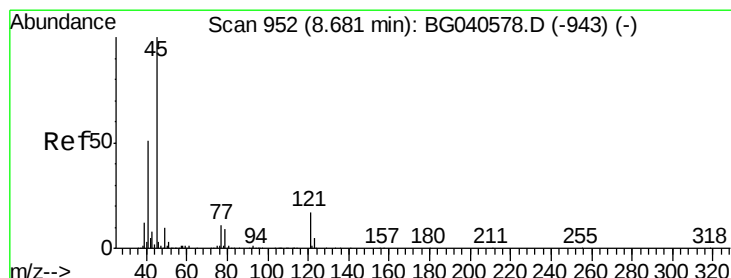
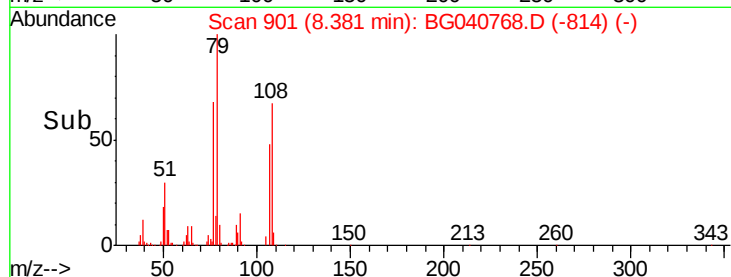
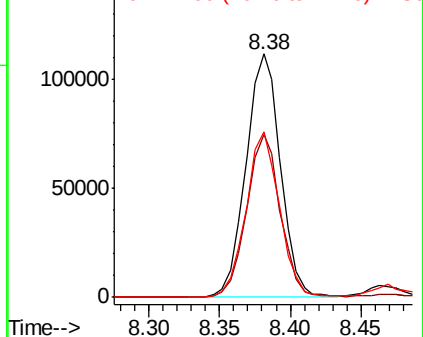
79 100

108 67.1 51.4 77.0

77 68.2 52.6 79.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.982 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

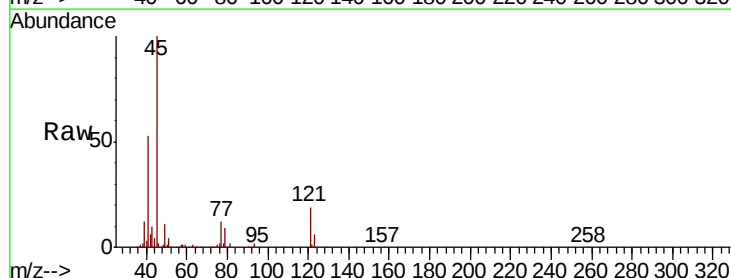
Tgt Ion: 45 Resp: 272838

Ion Ratio Lower Upper

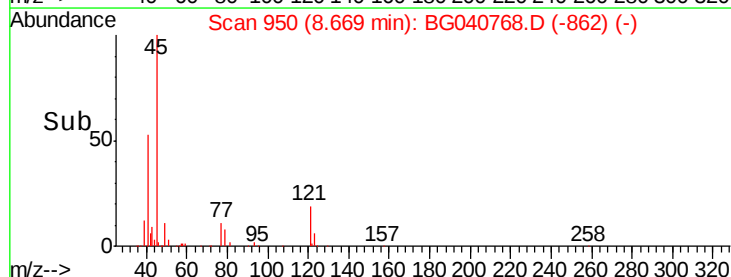
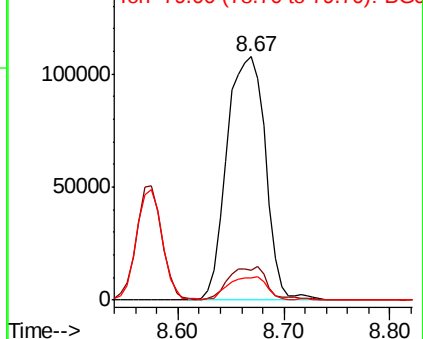
45 100

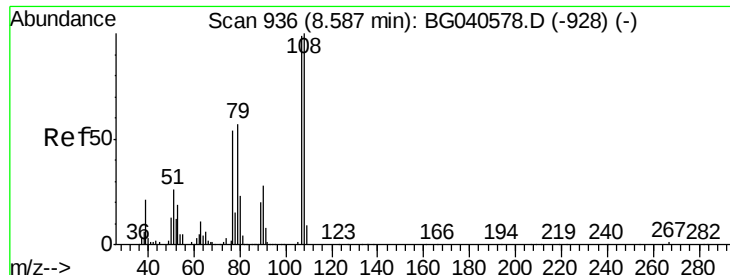
77 12.2 0.0 31.5

79 9.0 0.0 29.4



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

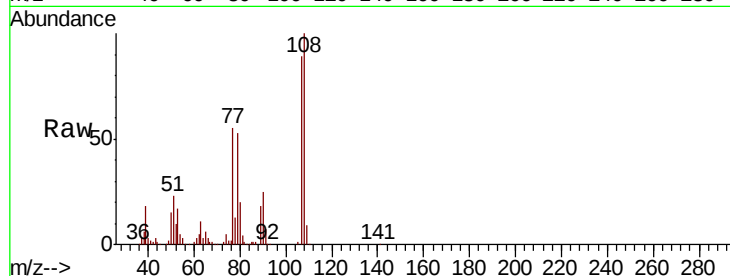




#17
2-Methylphenol
Concen: 46.588 ng
RT: 8.57 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

Instrument :
BNA_G
ClientSampled :
SV28545LMS

Tot Ion:	107	Resp:	140179
Ion	Ratio	Lower	Upper
107	100		
108	112.3	81.2	121.8
77	61.6	44.4	66.6
79	59.2	47.0	70.4



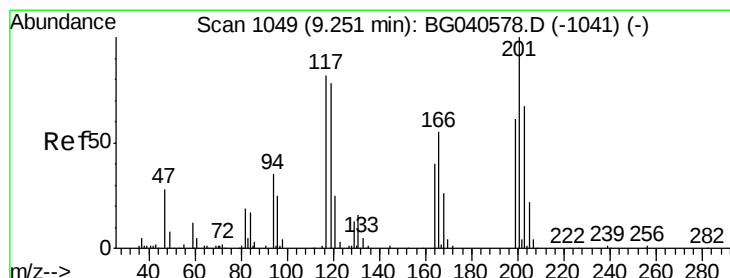
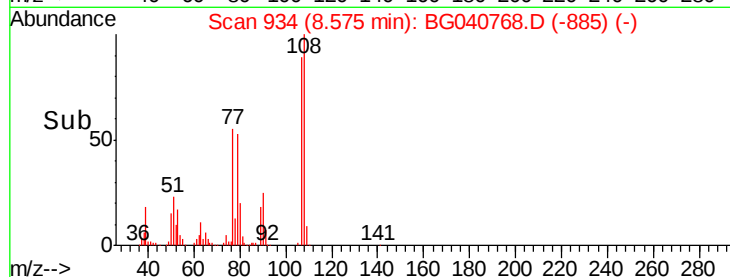
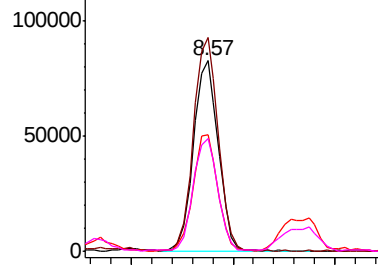
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

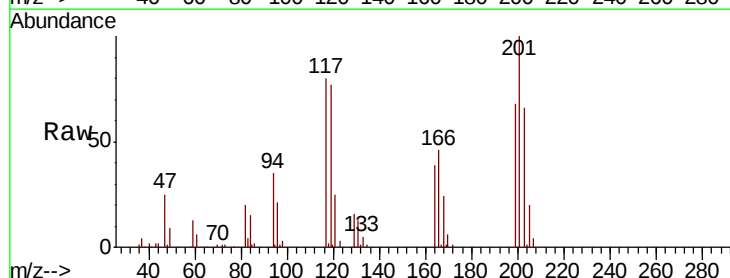
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 45.419 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

Tgt Ion:	117	Resp:	64663
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.6	114.8
201	124.6	101.0	151.6

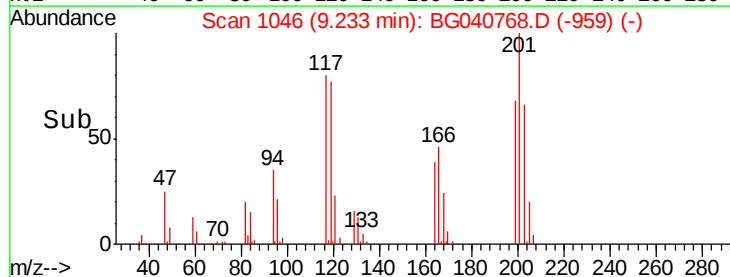
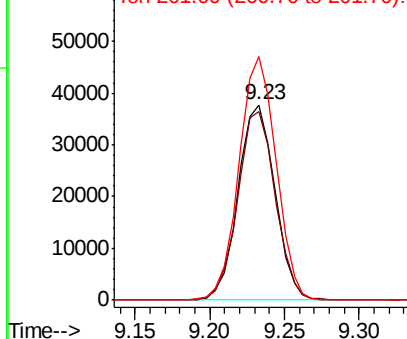


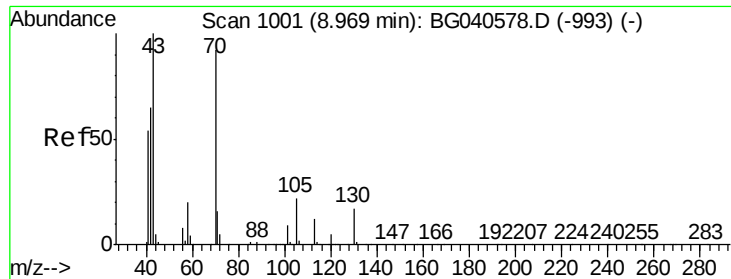
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

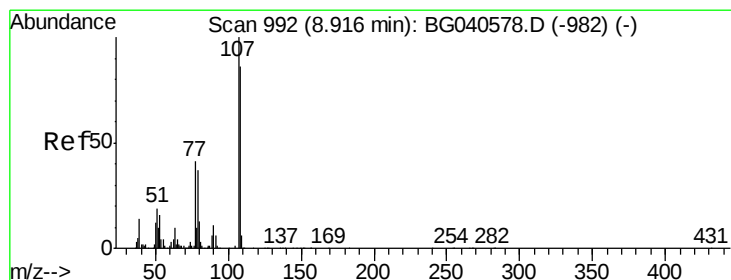
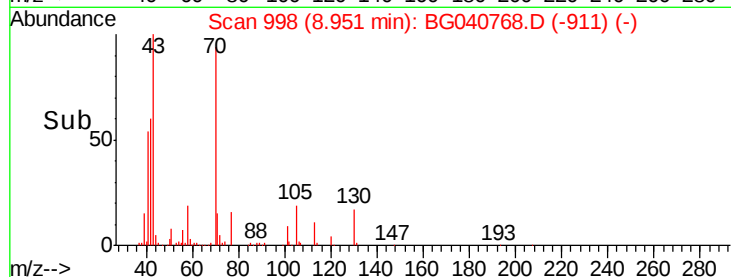
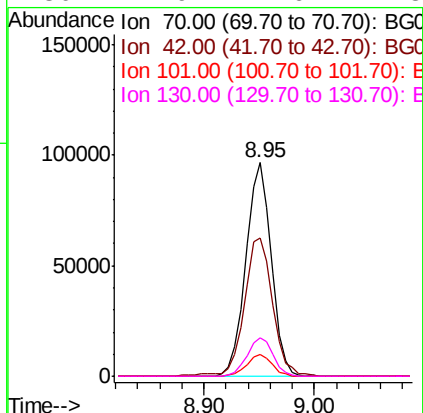
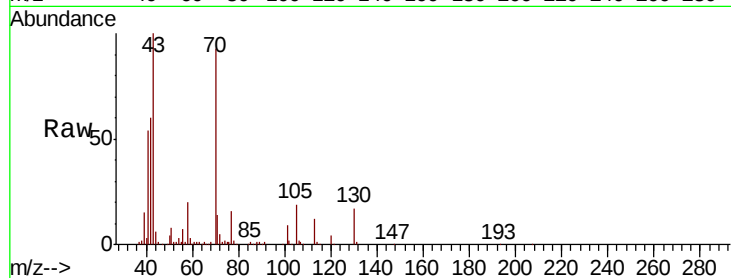




#19
n-Nitroso-di-n-propylamine
Concen: 43.898 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

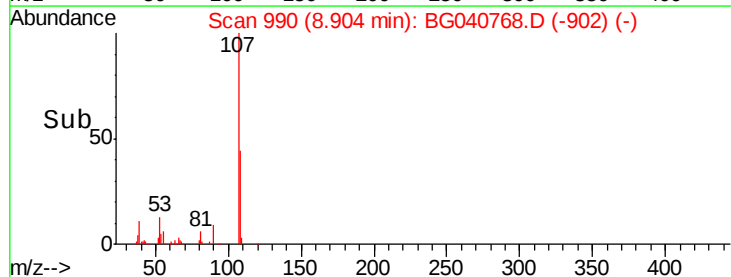
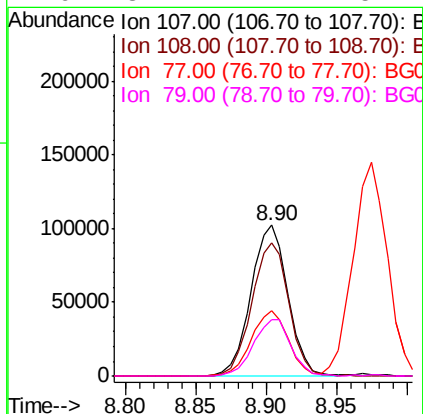
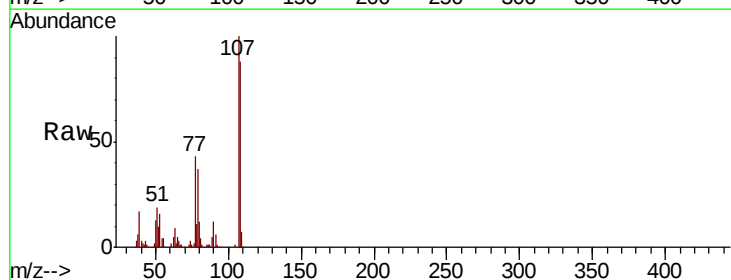
Instrument :
BNA_G
ClientSampleId :
SV28545LMS

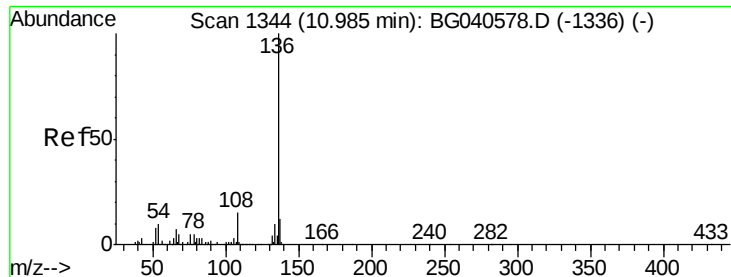
Tot Ion:	70	Resp:	156299
Ion	Ratio	Lower	Upper
70	100		
42	64.8	57.1	85.7
101	10.1	7.8	11.8
130	17.9	14.6	21.8



#20
3+4-Methylphenols
Concen: 44.693 ng
RT: 8.90 min Scan# 990
Delta R.T. -0.01 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

Tgt Ion:	107	Resp:	187336
Ion	Ratio	Lower	Upper
107	100		
108	88.4	66.1	106.1
77	43.0	21.6	61.6
79	37.1	17.4	57.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Instrument :

BNA_G

ClientSampleId :

SV28545LMS

Tot Ion:136 Resp: 173401

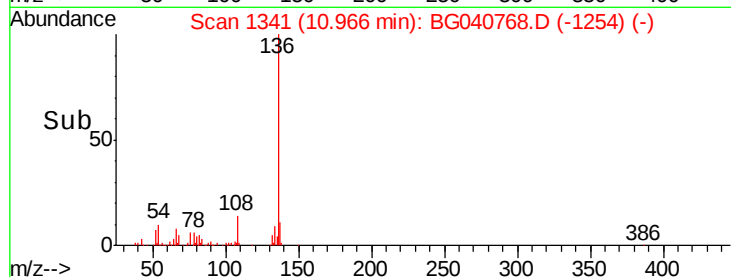
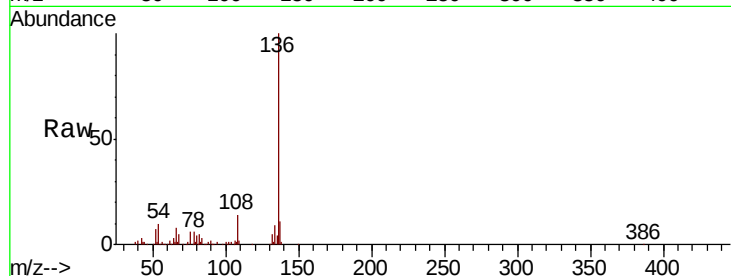
Ion Ratio Lower Upper

136 100

137 11.2 9.7 14.5

54 9.6 8.6 12.8

68 5.3 4.8 7.2

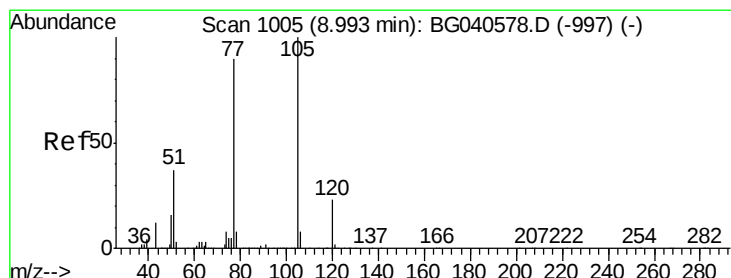
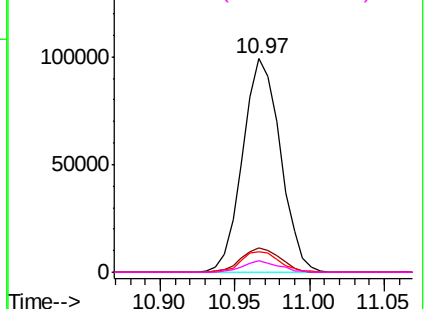


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 58.520 ng

RT: 8.97 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Tgt Ion:105 Resp: 282174

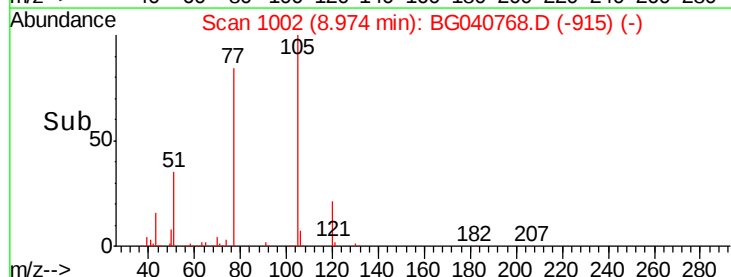
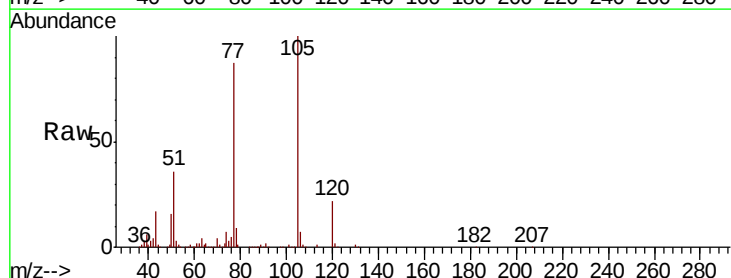
Ion Ratio Lower Upper

105 100

71 0.9 1.8 2.8#

51 35.9 29.8 44.8

120 21.5 18.4 27.6

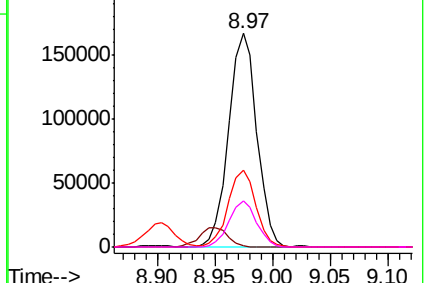


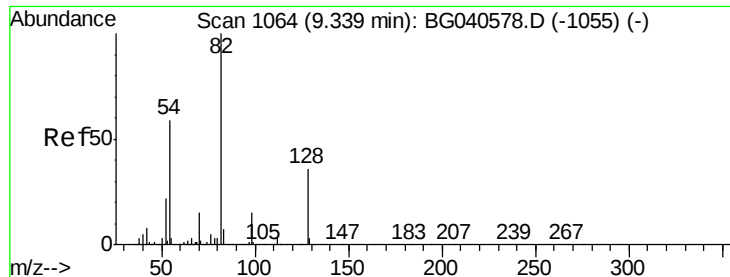
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

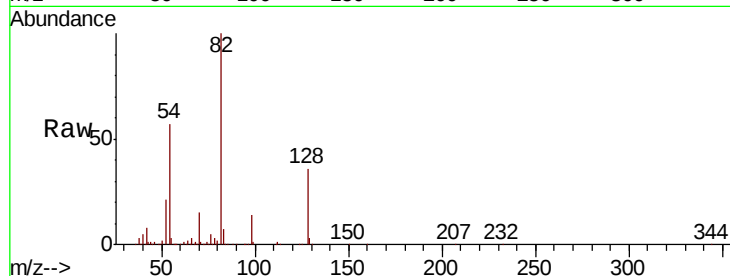




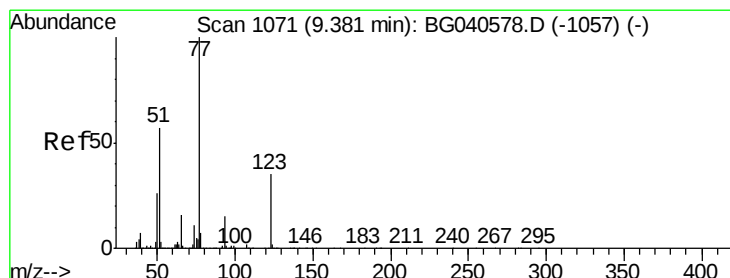
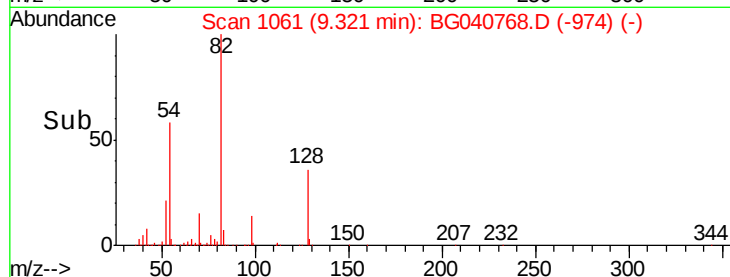
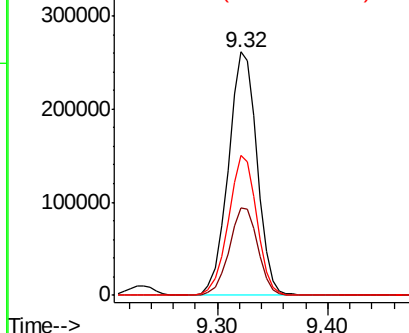
#23
 Nitrobenzene-d5
 Concen: 126.609 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040768.D
 Acq: 7 May 2019 14:03

Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMS

Tot Ion: 82 Resp: 475133
 Ion Ratio Lower Upper
 82 100
 128 36.1 28.9 43.3
 54 57.5 47.2 70.8

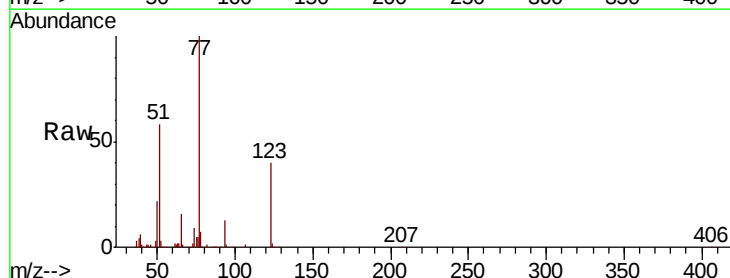


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

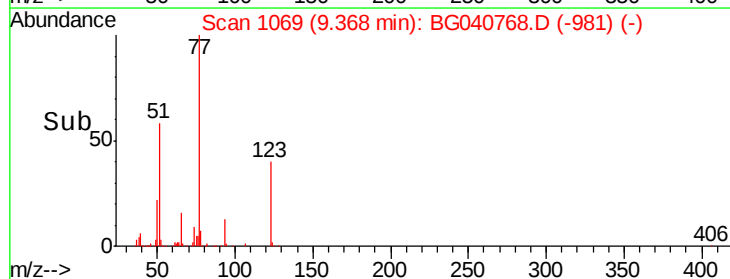
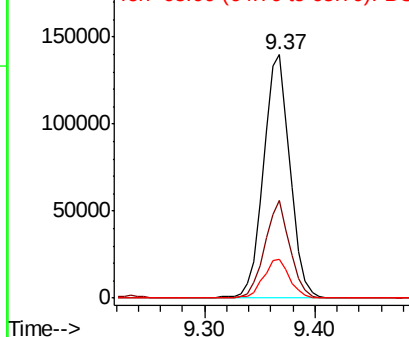


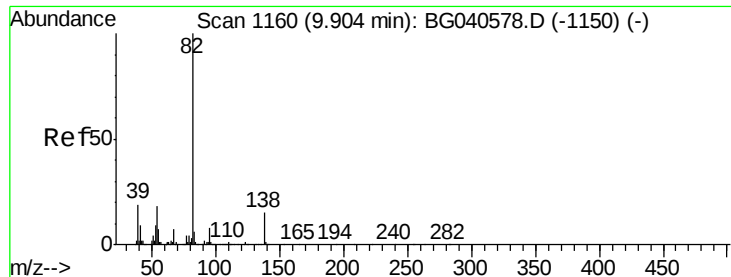
#24
 Nitrobenzene
 Concen: 58.795 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: BG040768.D
 Acq: 7 May 2019 14:03

Tgt Ion: 77 Resp: 235414
 Ion Ratio Lower Upper
 77 100
 123 40.3 27.8 41.6
 65 15.7 12.4 18.6



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

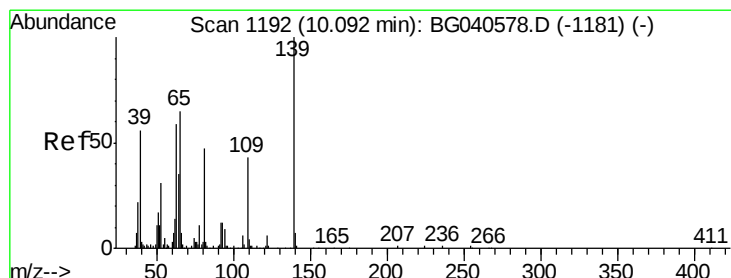
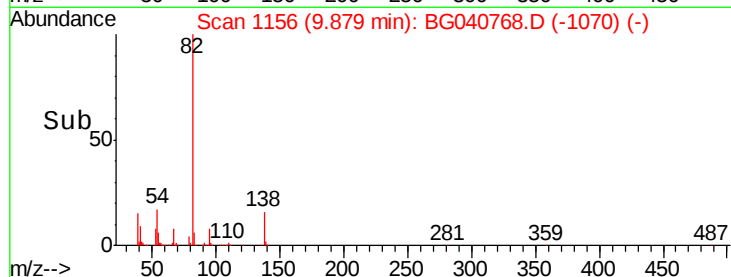
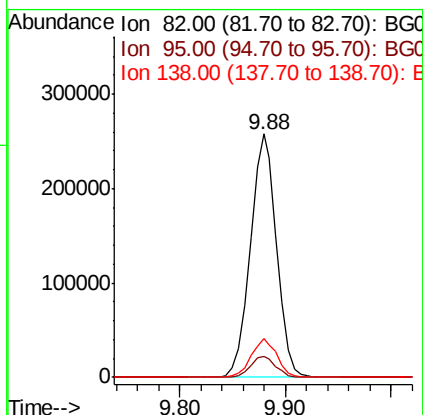
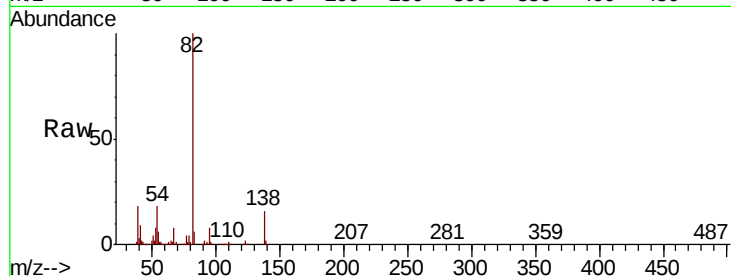




#25
Isophorone
Concen: 52.873 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

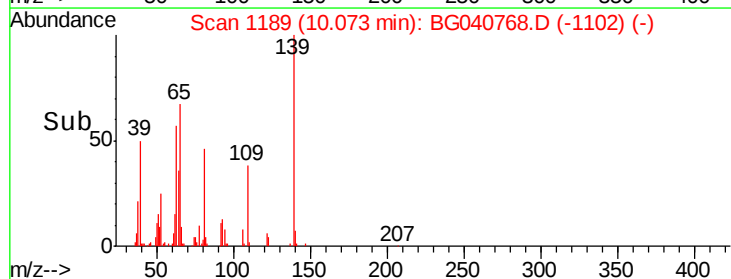
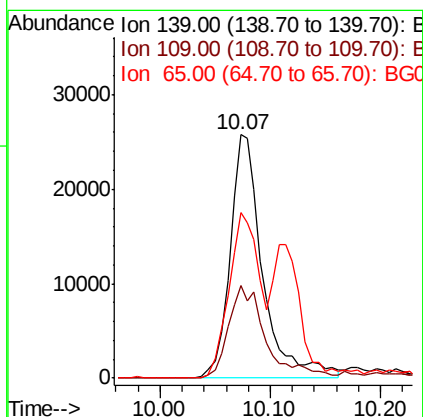
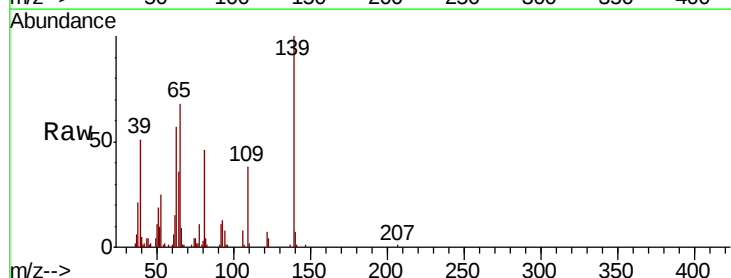
Instrument :
BNA_G
ClientSampleId :
SV28545LMS

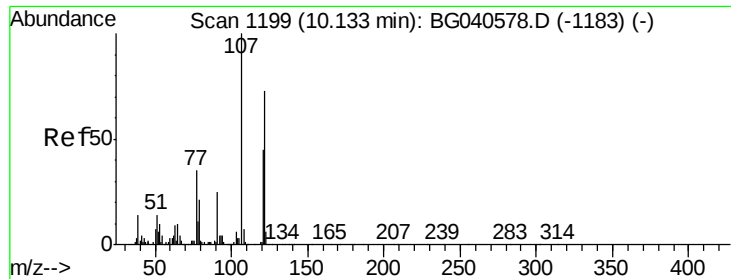
Tot Ion: 82 Resp: 441983
Ion Ratio Lower Upper
82 100
95 8.4 6.9 10.3
138 16.0 12.3 18.5



#26
2-Nitrophenol
Concen: 37.048 ng
RT: 10.07 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

Tgt Ion: 139 Resp: 53173
Ion Ratio Lower Upper
139 100
109 38.3 35.6 53.4
65 68.1 52.3 78.5

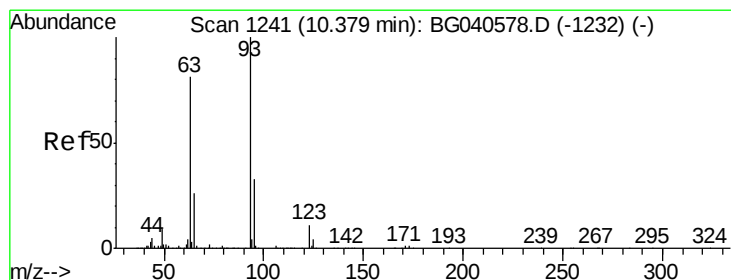
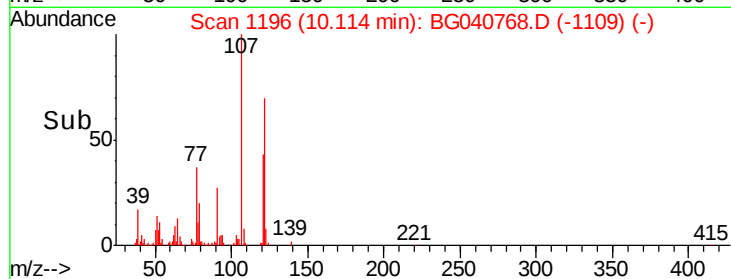
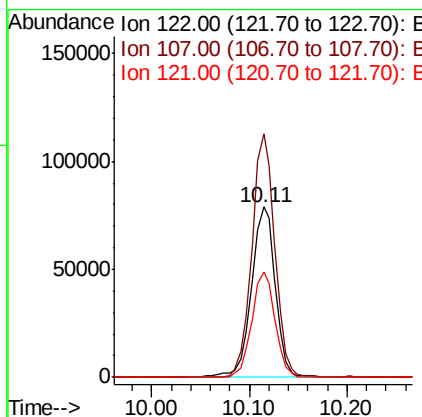
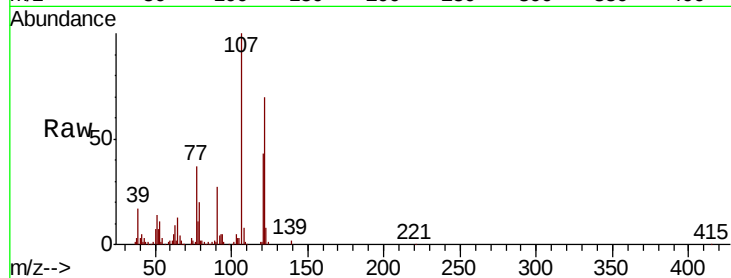




#27
2,4-Dimethylphenol
Concen: 50.537 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

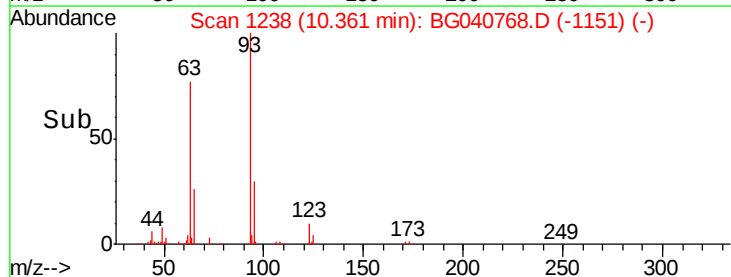
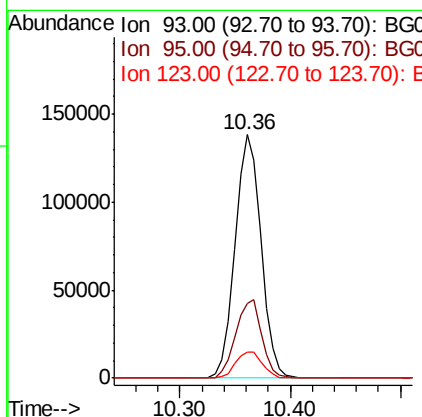
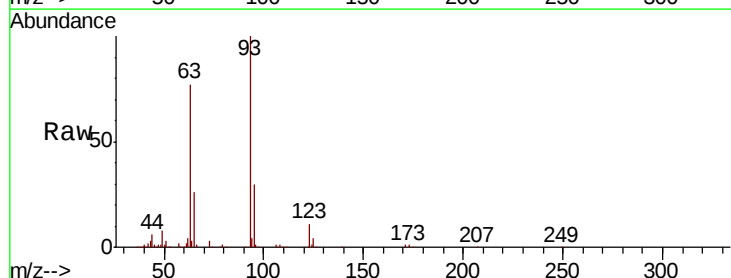
Instrument :
BNA_G
ClientSampleId :
SV28545LMS

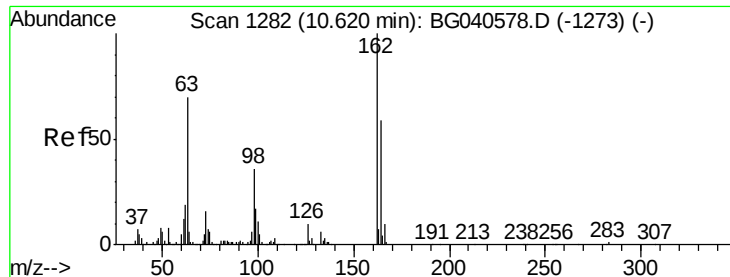
Tot Ion	Ratio	Lower	Upper
122	100		
107	142.8	110.1	165.1
121	61.4	49.4	74.0



#28
bis(2-Chloroethoxy)methane
Concen: 54.472 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.5	26.6	40.0
123	10.5	9.0	13.4

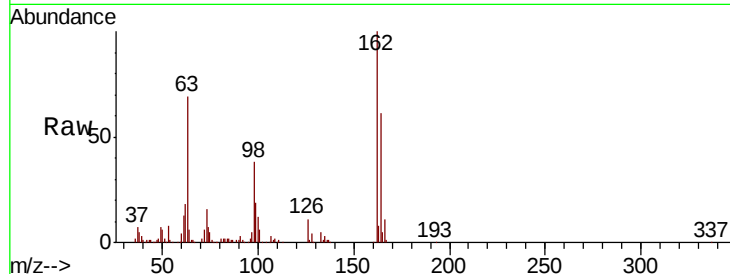




#29
2,4-Dichlorophenol
Concen: 61.290 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

Instrument :
BNA_G
ClientSampleId :
SV28545LMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.4	38.9	78.9
98	37.7	16.8	56.8

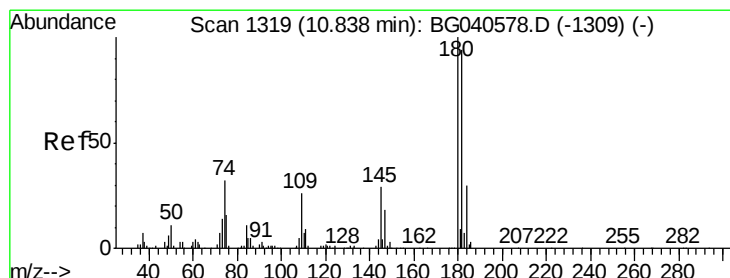
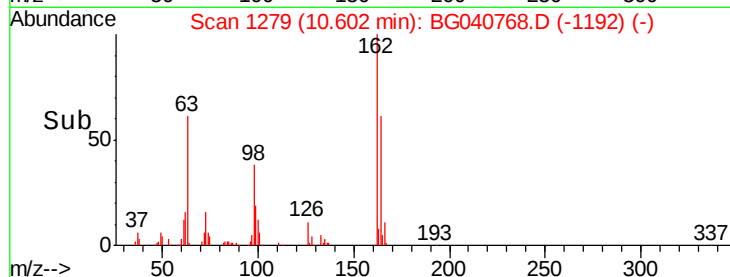
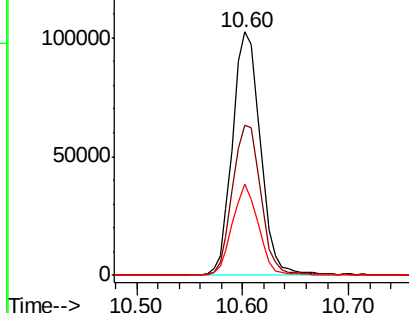


Abundance

Ion 162.00 (161.70 to 162.70): E

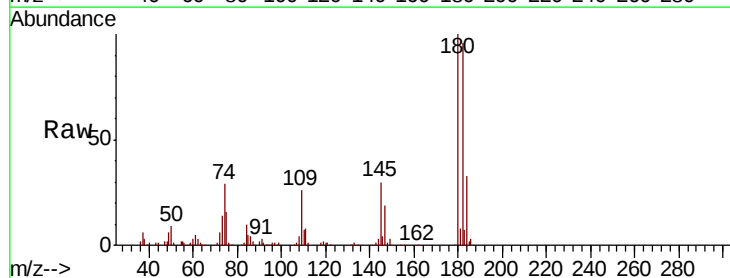
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 58.979 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.2	112.8
145	29.9	23.6	35.4

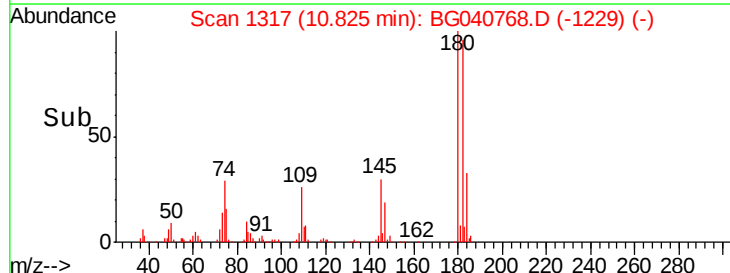
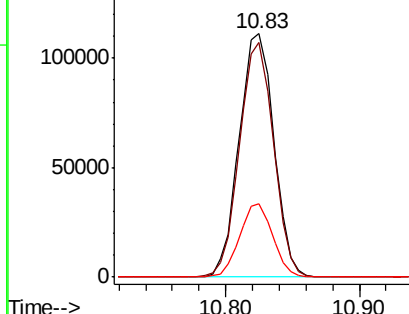


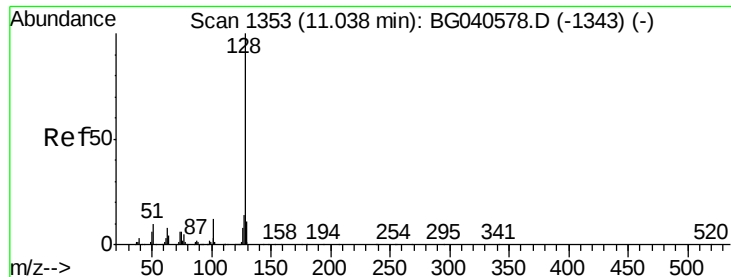
Abundance

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

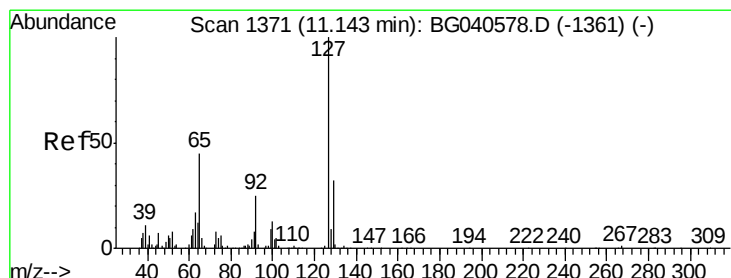
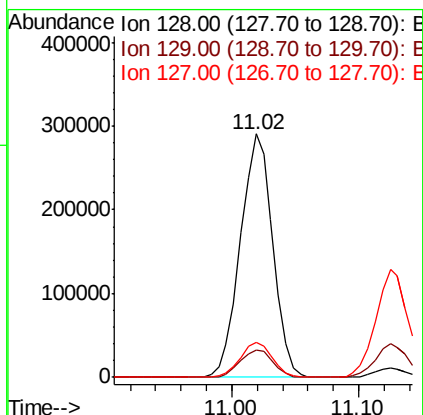
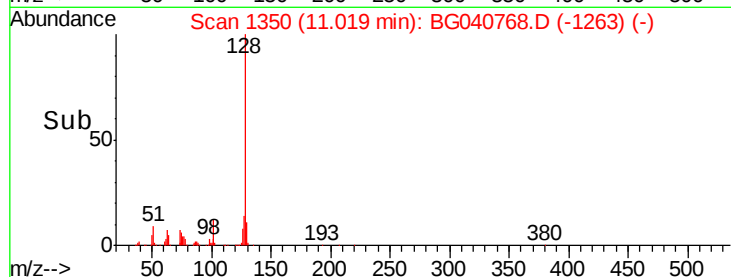
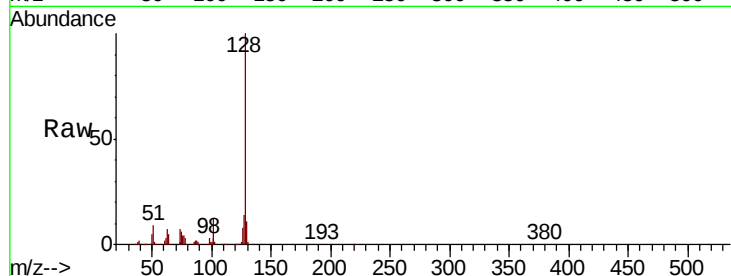




#31
Naphthalene
Concen: 55.676 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

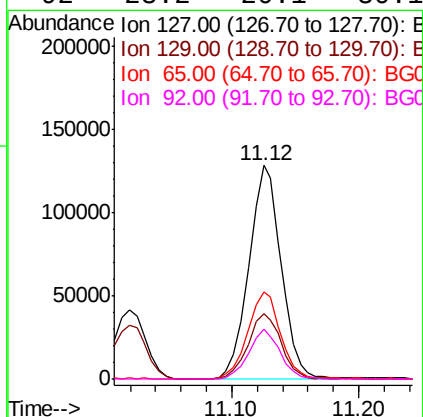
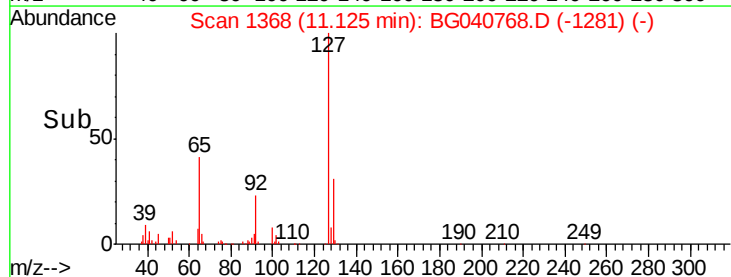
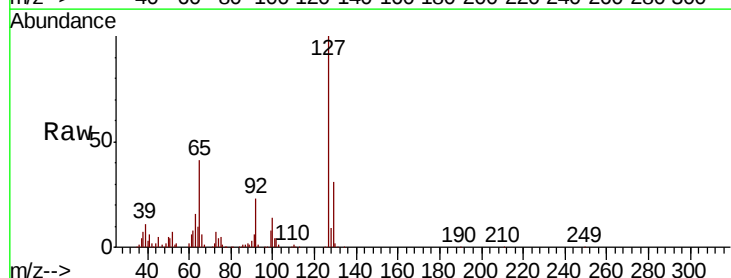
Instrument :
BNA_G
ClientSampleId :
SV28545LMS

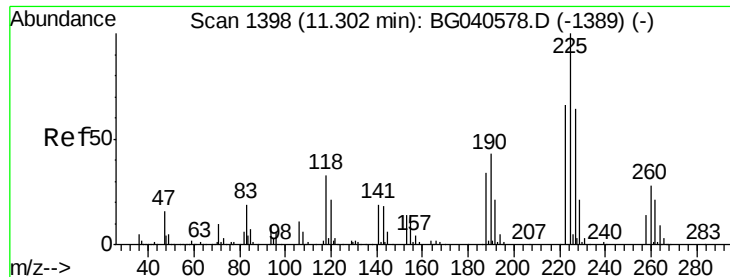
Tot	Ion:128	Resp:	512906
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	14.3	11.3	16.9



#33
4-Chloroaniline
Concen: 55.656 ng
RT: 11.12 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

Tgt	Ion:127	Resp:	227326
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.7	38.5
65	40.8	36.1	54.1
92	23.2	20.1	30.1





#34

Hexachlorobutadiene

Concen: 57.327 ng

RT: 11.28 min Scan# 1395

Delta R.T. -0.02 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Instrument :

BNA_G

ClientSampleId :

SV28545LMS

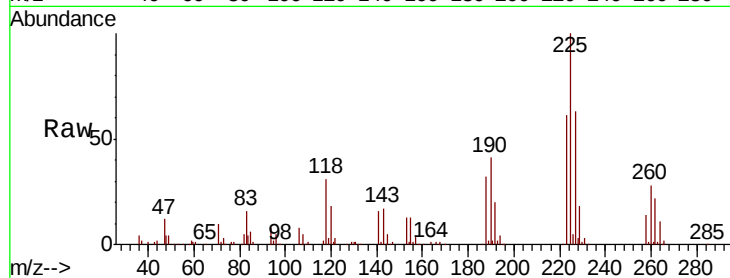
Tot Ion:225 Resp: 143686

Ion Ratio Lower Upper

225 100

223 61.2 50.4 75.6

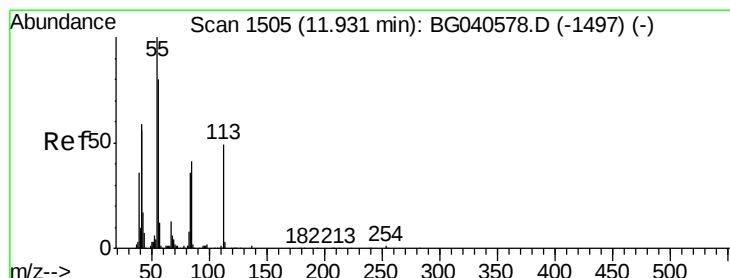
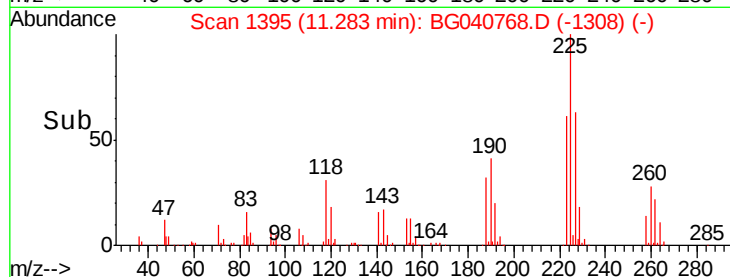
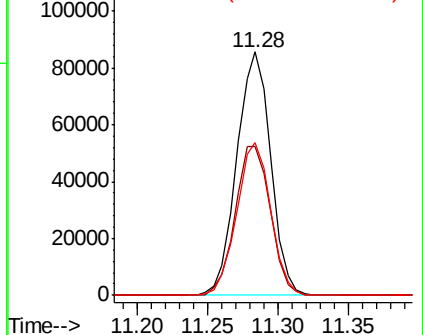
227 62.9 51.0 76.6



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: 40.776 ng

RT: 11.89 min Scan# 1499

Delta R.T. -0.04 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

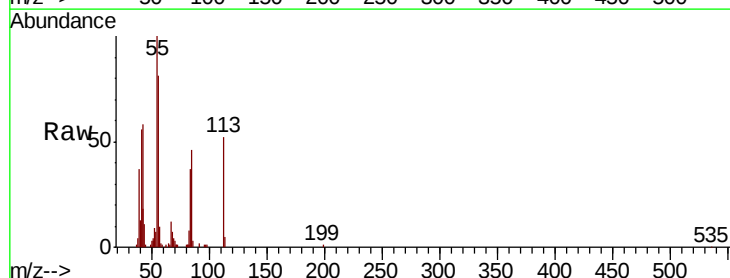
Tgt Ion:113 Resp: 49287

Ion Ratio Lower Upper

113 100

55 193.9 198.6 238.6#

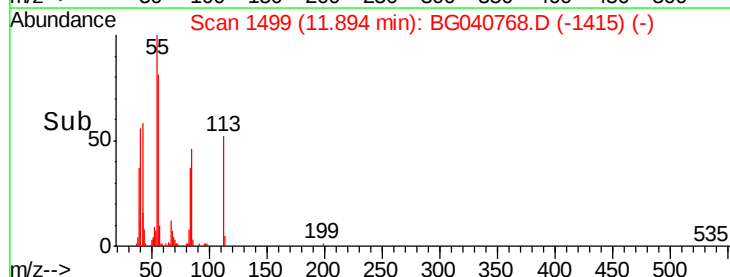
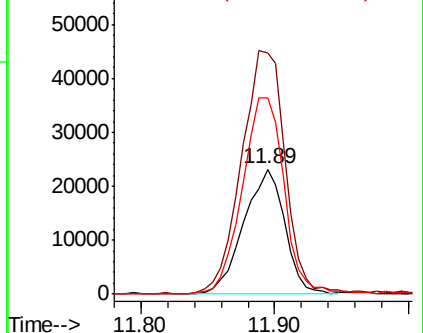
56 157.4 148.4 188.4

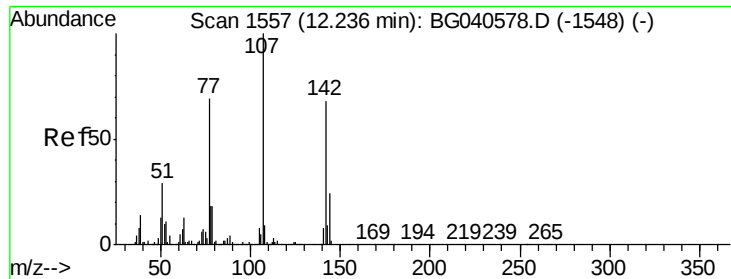


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

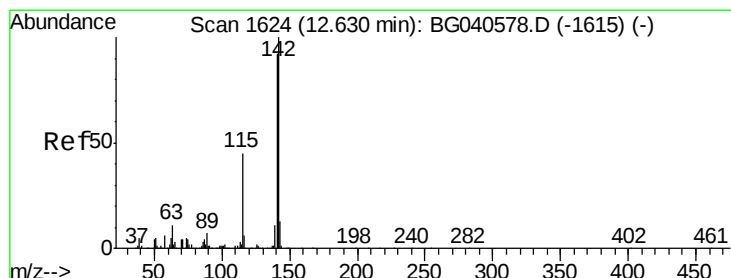
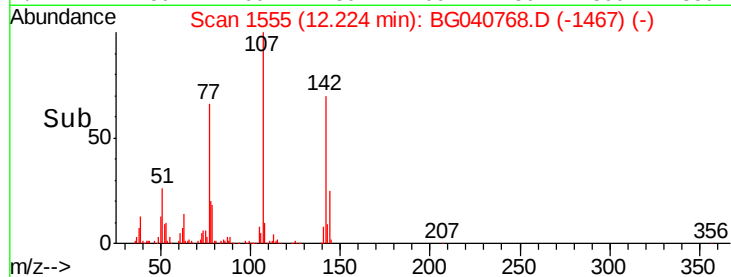
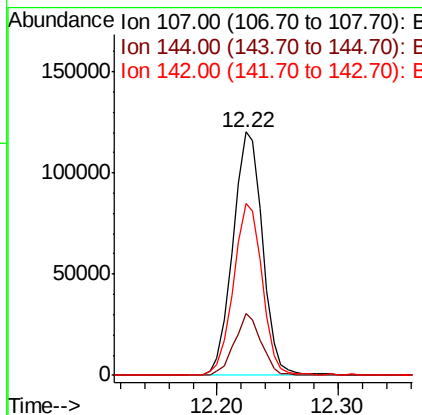
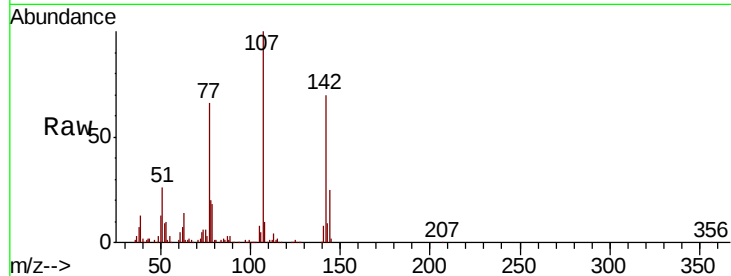




#36
 4-Chloro-3-methylphenol
 Concen: 53.339 ng
 RT: 12.22 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BG040768.D
 Acq: 7 May 2019 14:03

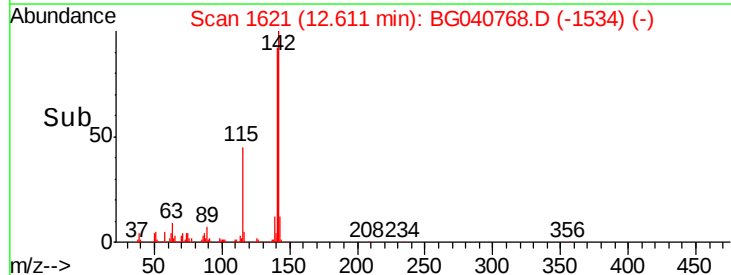
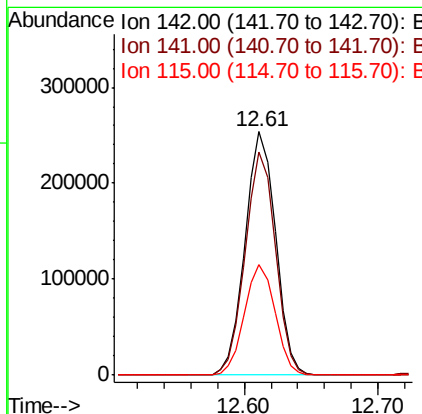
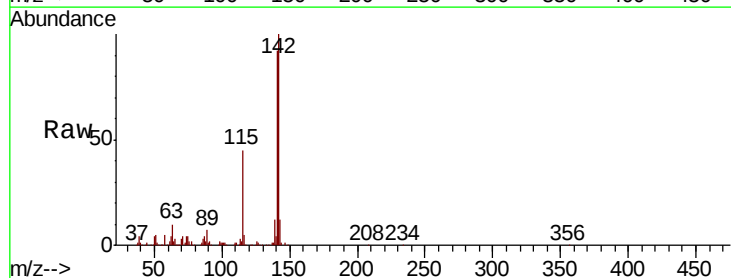
Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMS

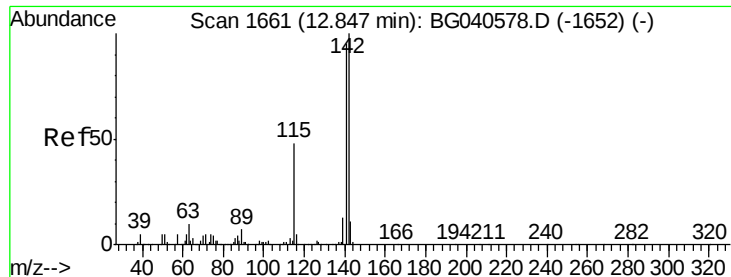
Tot Ion:107 Resp: 206001
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.3 28.9
 142 70.5 54.6 81.8



#37
 2-Methylnaphthalene
 Concen: 58.186 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG040768.D
 Acq: 7 May 2019 14:03

Tgt Ion:142 Resp: 400774
 Ion Ratio Lower Upper
 142 100
 141 91.6 73.4 110.2
 115 45.4 36.2 54.4

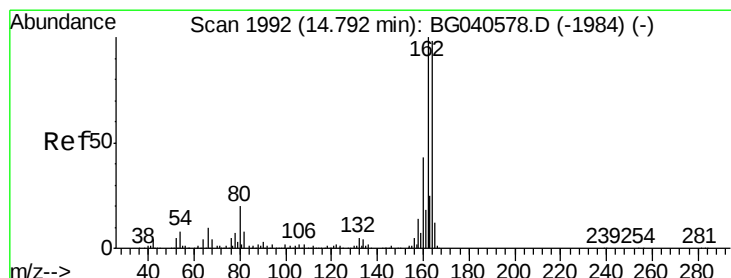
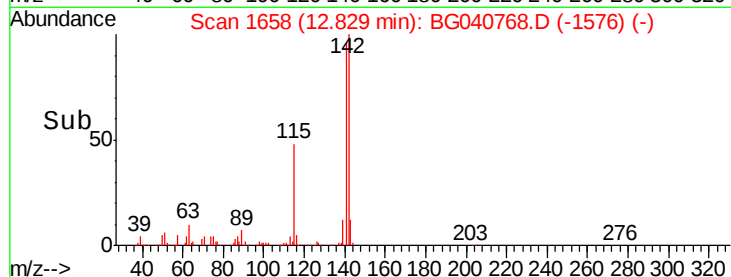
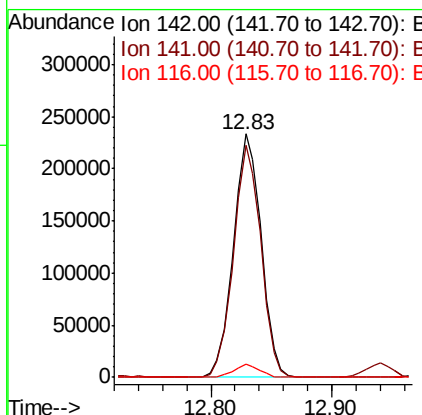
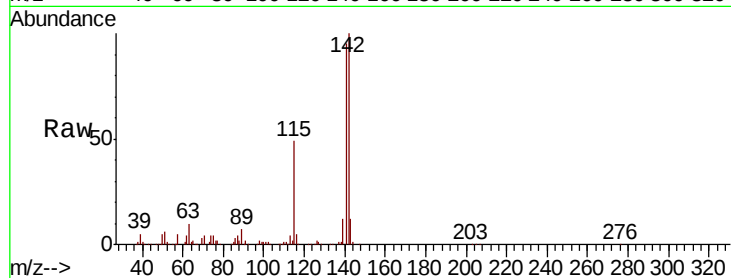




#38
1-Methylnaphthalene
Concen: 55.684 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

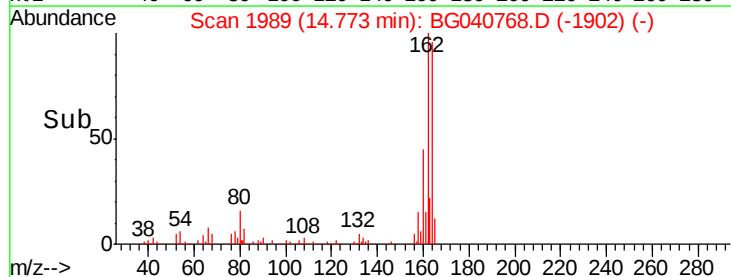
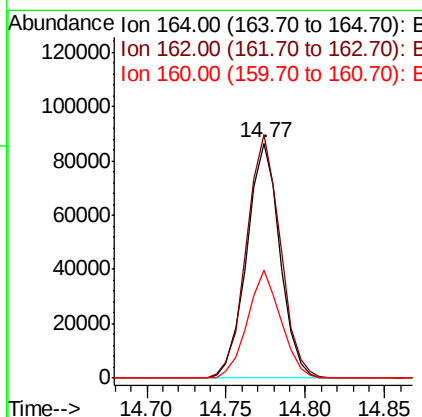
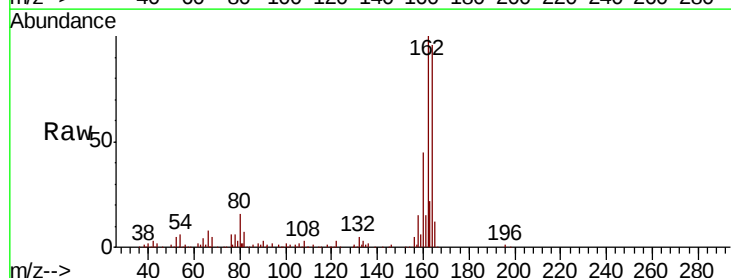
Instrument :
BNA_G
ClientSampleId :
SV28545LMS

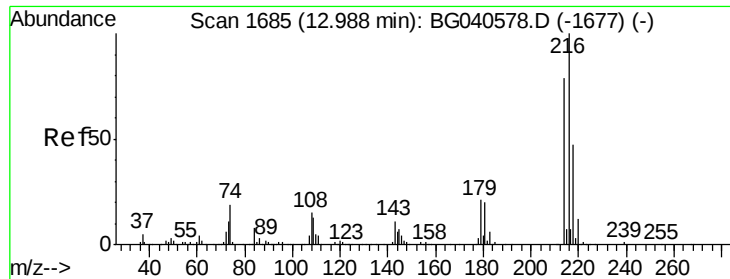
Tot Ion	Ratio	Lower	Upper
142	100		
141	95.4	75.9	113.9
116	5.3	4.2	6.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.9	122.9
160	46.2	35.4	53.2





#40

1,2,4,5-Tetrachlorobenzene

Concen: 59.773 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Instrument :

BNA_G

ClientSampleId :

SV28545LMS

Tot Ion:216 Resp: 279776

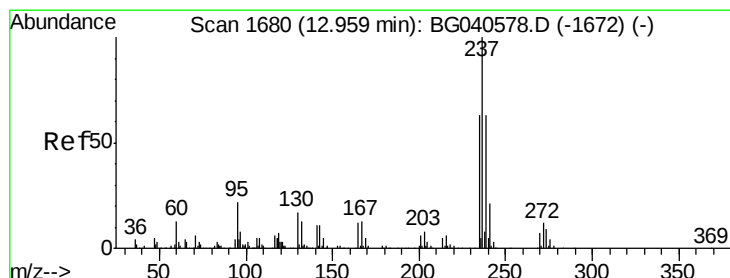
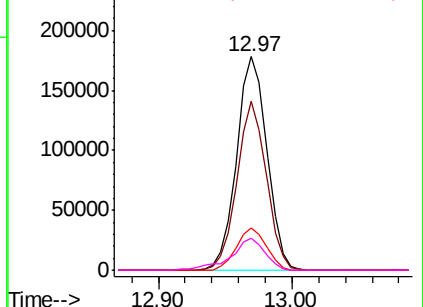
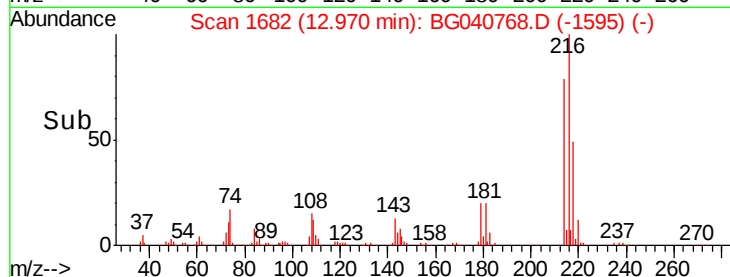
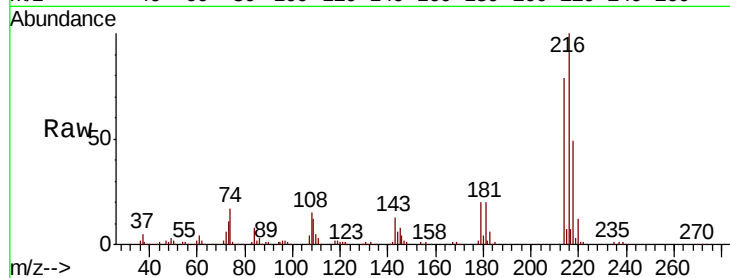
Ion	Ratio	Lower	Upper
216	100		
214	76.6	63.7	95.5
179	19.6	16.6	24.8
108	16.6	14.7	22.1

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: 78.428 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

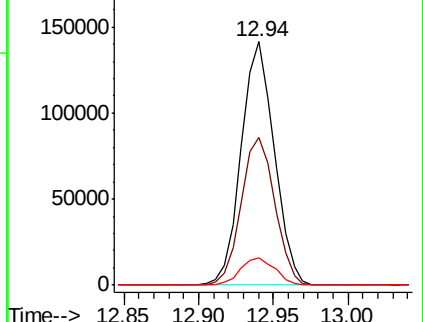
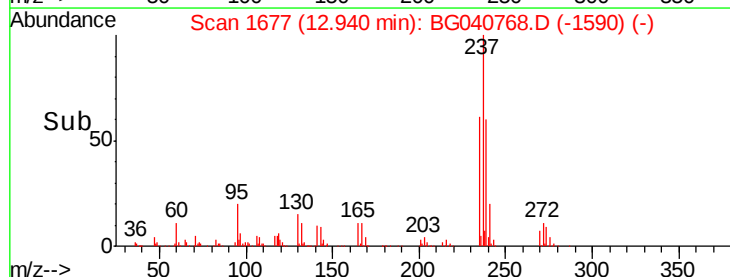
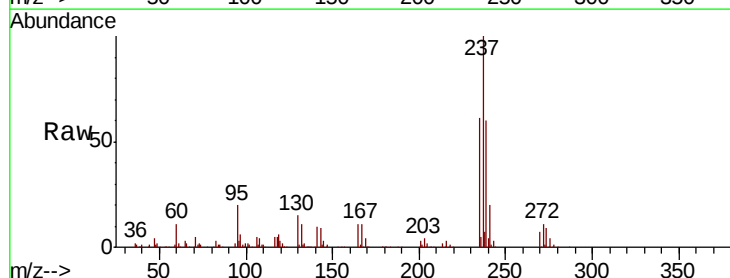
Tgt Ion:237 Resp: 216616

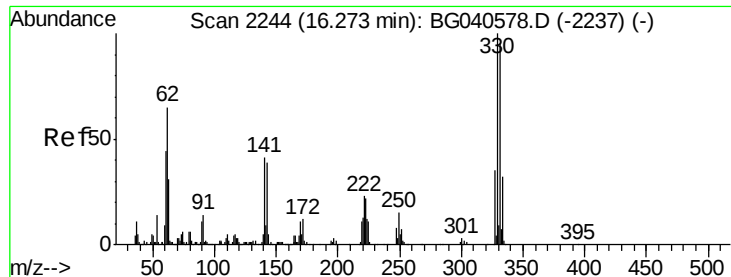
Ion	Ratio	Lower	Upper
237	100		
235	60.8	42.5	82.5
272	11.0	0.0	31.6

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: 11.582 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Instrument :

BNA_G

ClientSampleId :

SV28545LMS

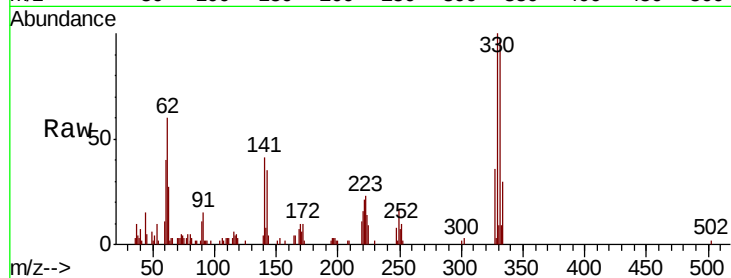
Tot Ion:330 Resp: 20003

Ion Ratio Lower Upper

330 100

332 106.8 75.9 113.9

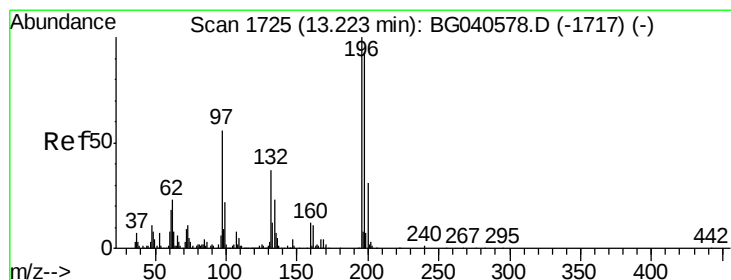
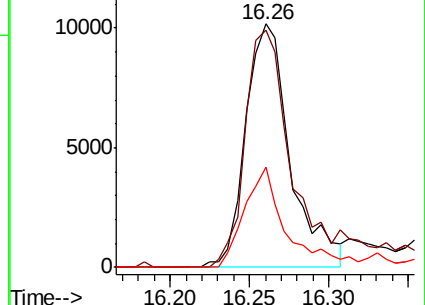
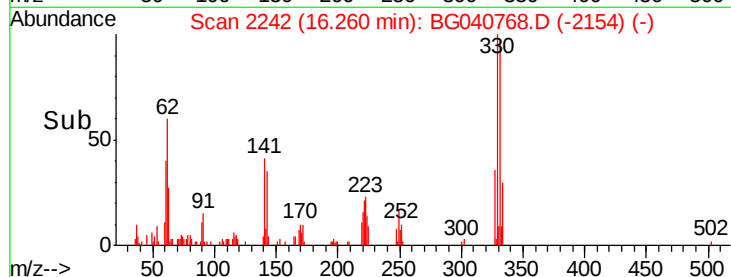
141 37.9 32.4 48.6



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: 7.536 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

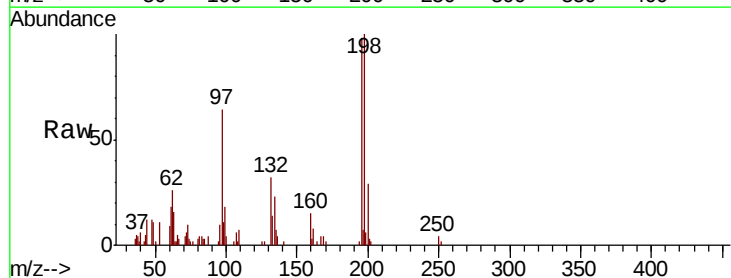
Tgt Ion:196 Resp: 21315

Ion Ratio Lower Upper

196 100

198 101.7 74.8 112.2

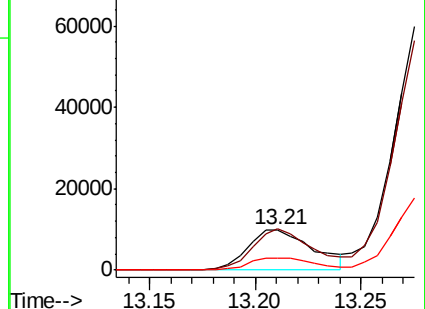
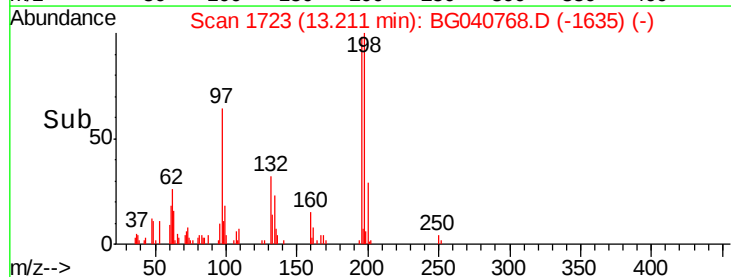
200 30.0 24.9 37.3

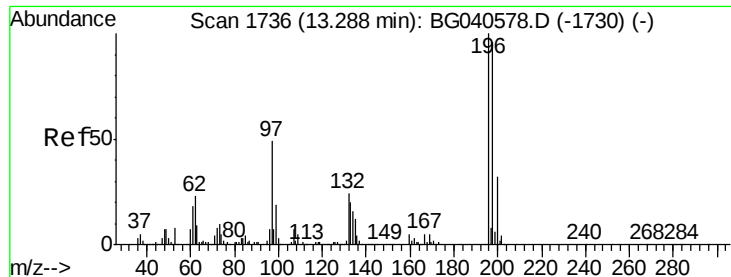


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

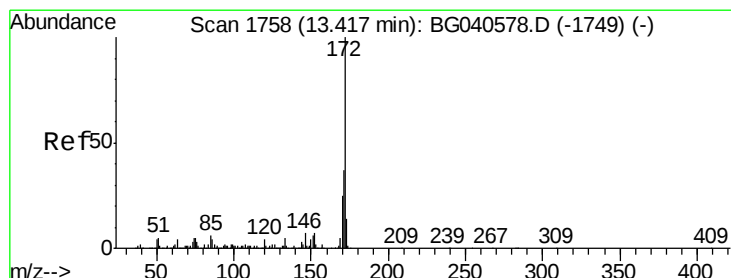
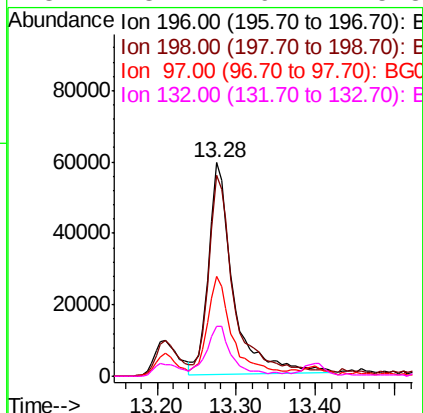
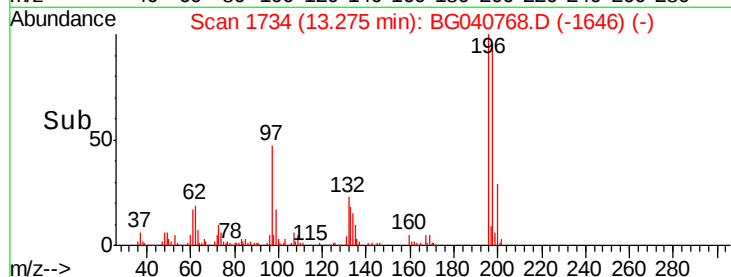
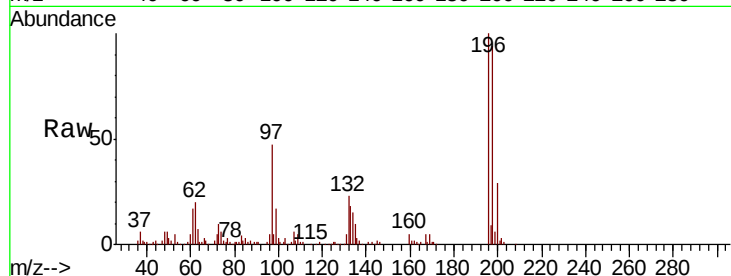




#44
2,4,5-Trichlorophenol
Concen: 41.760 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

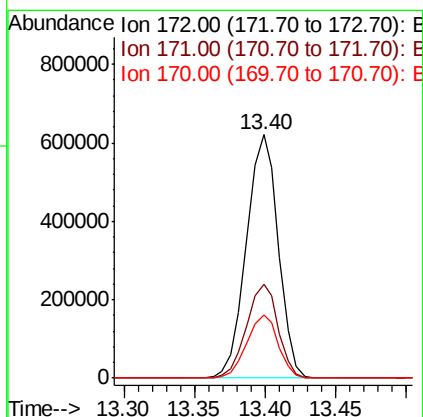
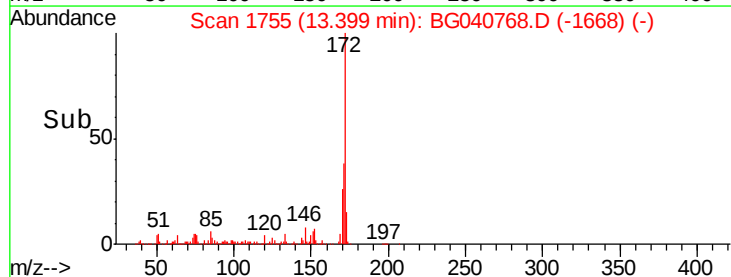
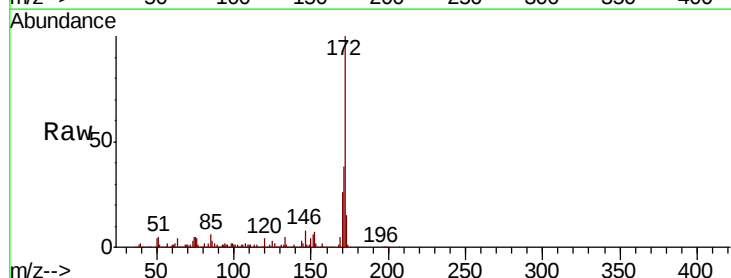
Instrument :
BNA_G
ClientSampleId :
SV28545LMS

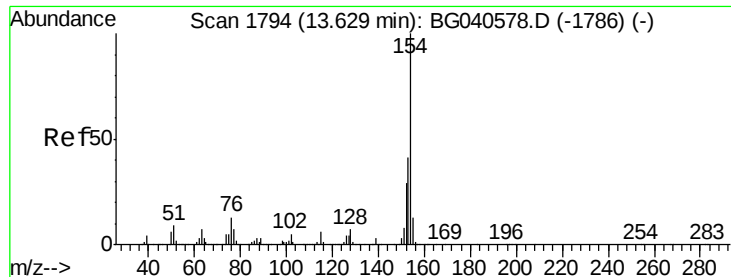
Tot Ion:	196	Resp:	128676
Ion	Ratio	Lower	Upper
196	100		
198	94.1	77.0	115.6
97	46.6	40.0	60.0
132	23.2	19.2	28.8



#45
2-Fluorobiphenyl
Concen: 112.928 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

Tgt Ion:	172	Resp:	982487
Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.4	44.2
170	26.2	19.9	29.9

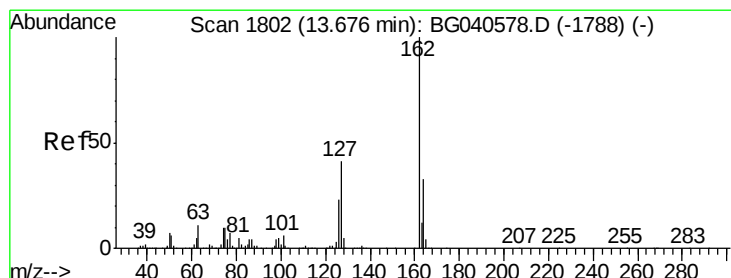
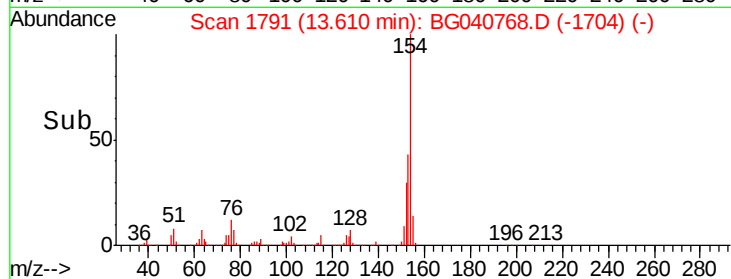
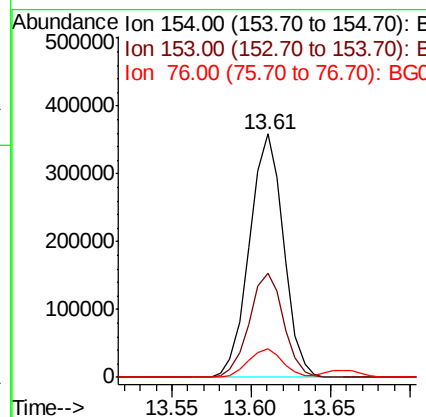
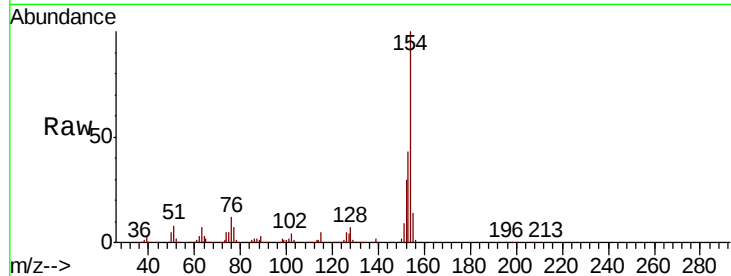




#46
 1,1'-Biphenyl
 Concen: 54.937 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG040768.D
 Acq: 7 May 2019 14:03

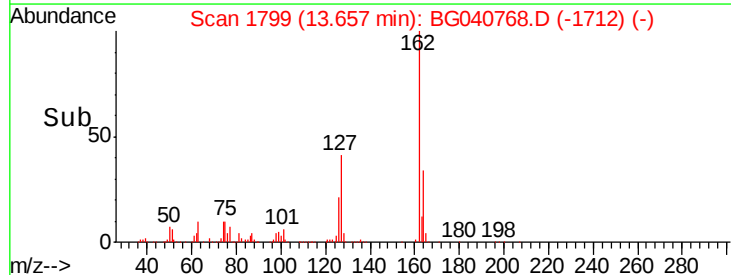
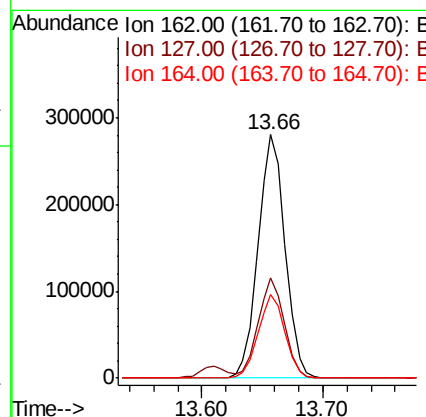
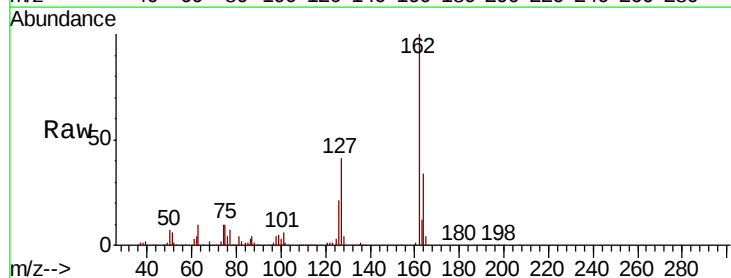
Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMS

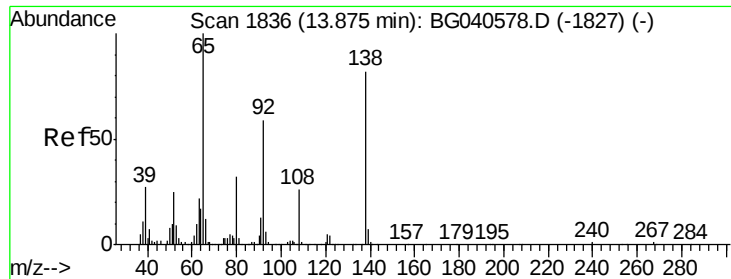
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.7	20.5	60.5
76	11.8	0.0	32.5



#47
 2-Chloronaphthalene
 Concen: 56.834 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040768.D
 Acq: 7 May 2019 14:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.0	49.4
164	34.3	26.8	40.2

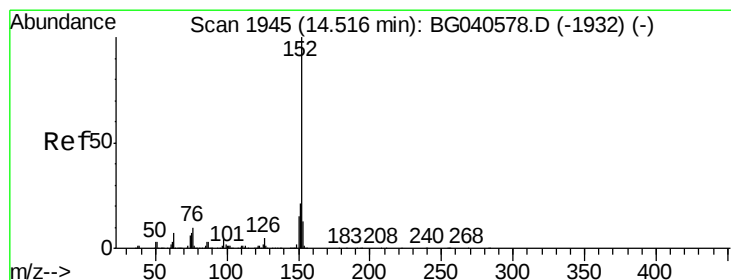
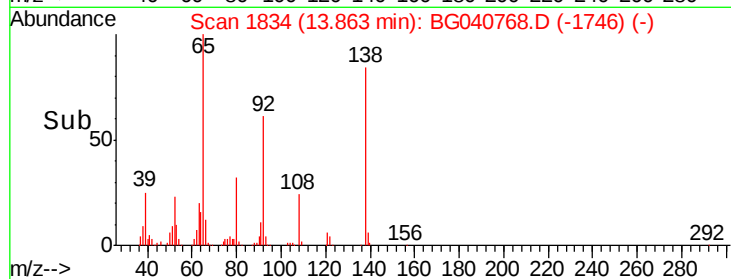
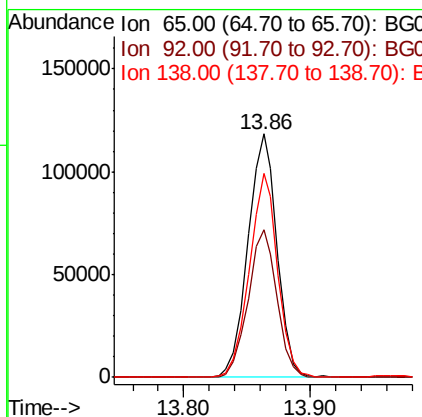
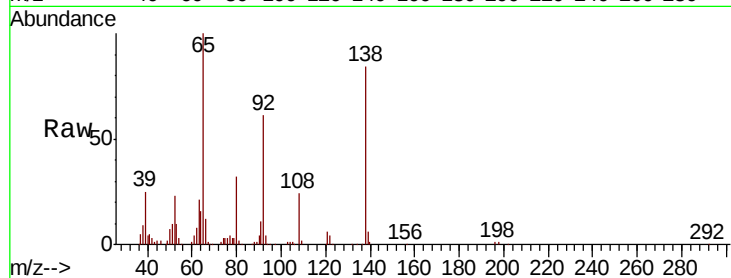




#48
2-Nitroaniline
Concen: 69.375 ng
RT: 13.86 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

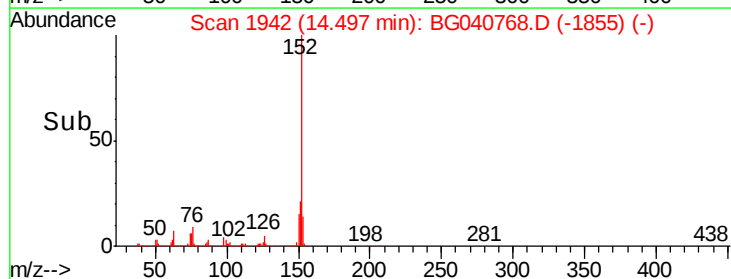
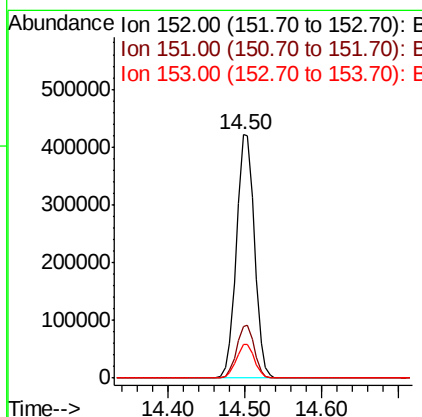
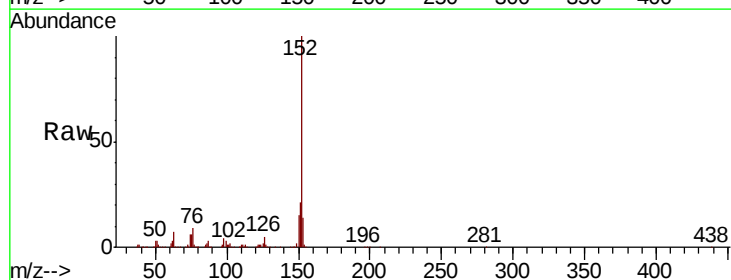
Instrument :
BNA_G
ClientSampleId :
SV28545LMS

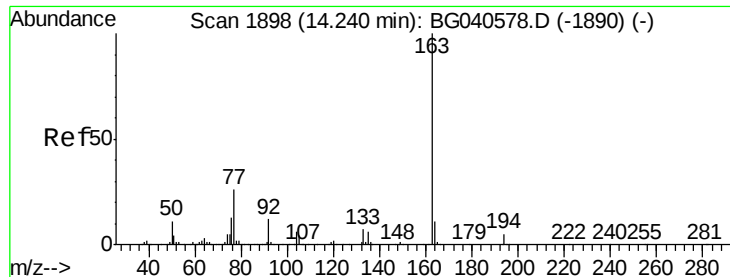
Tot Ion: 65 Resp: 188531
Ion Ratio Lower Upper
65 100
92 60.6 47.4 71.0
138 83.6 66.1 99.1



#49
Acenaphthylene
Concen: 53.614 ng
RT: 14.50 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

Tgt Ion: 152 Resp: 694443
Ion Ratio Lower Upper
152 100
151 21.5 17.2 25.8
153 14.0 10.7 16.1





#50

Dimethylphthalate

Concen: 57.601 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Instrument :

BNA_G

ClientSampleId :

SV28545LMS

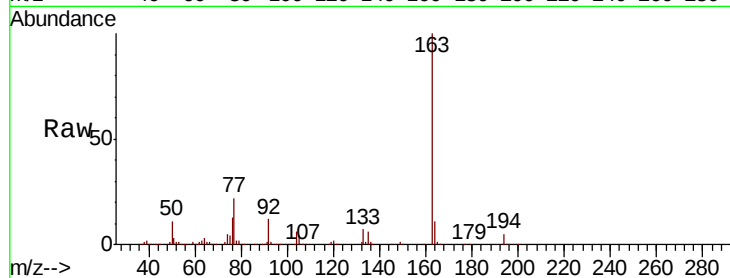
Tot Ion:163 Resp: 605541

Ion Ratio Lower Upper

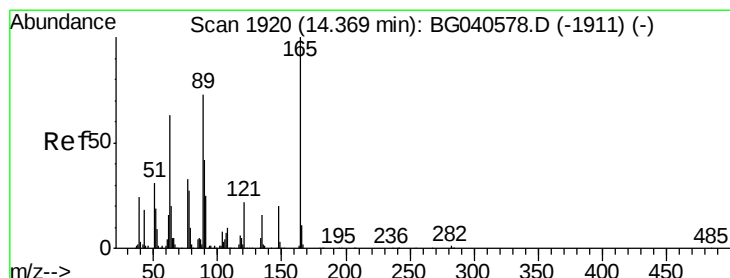
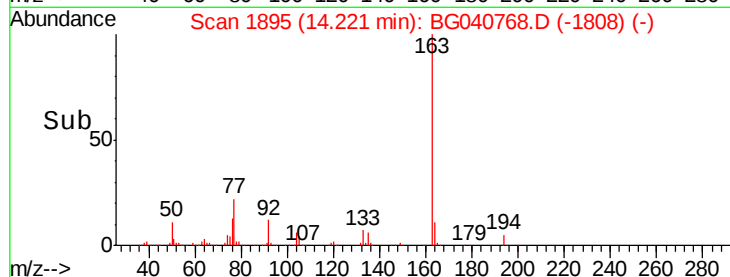
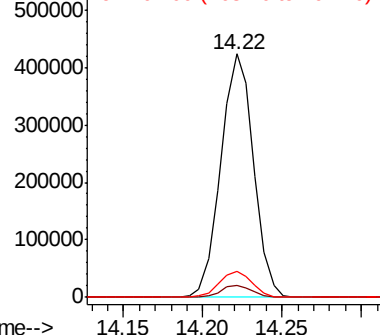
163 100

194 5.1 3.8 5.8

164 10.6 8.8 13.2



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: 64.770 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

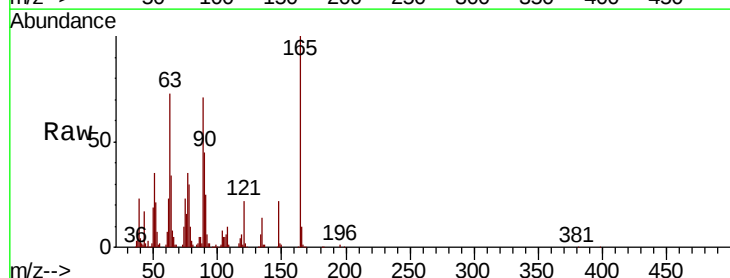
Tgt Ion:165 Resp: 132892

Ion Ratio Lower Upper

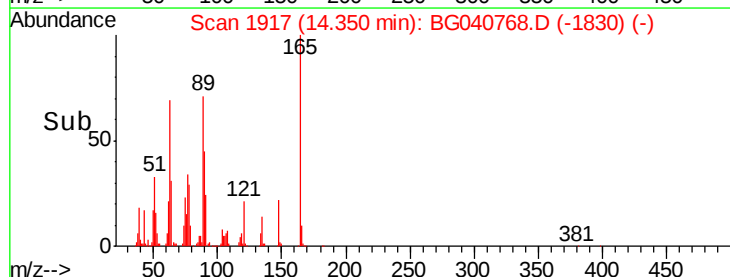
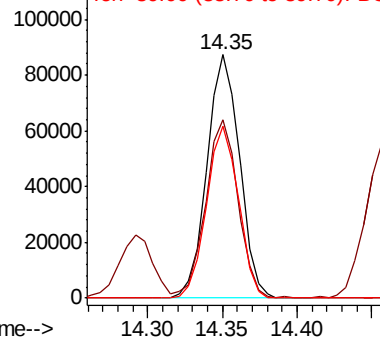
165 100

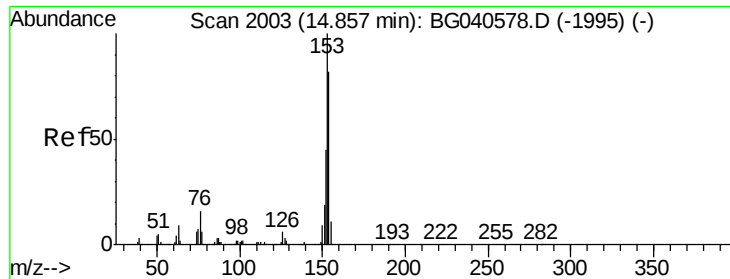
63 73.2 61.0 91.4

89 70.6 58.6 87.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 54.288 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Instrument :

BNA_G

ClientSampleId :

SV28545LMS

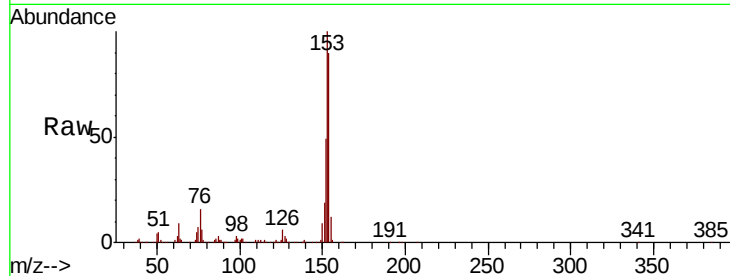
Tot Ion:154 Resp: 409505

Ion Ratio Lower Upper

154 100

153 111.6 97.0 145.6

152 54.2 44.1 66.1

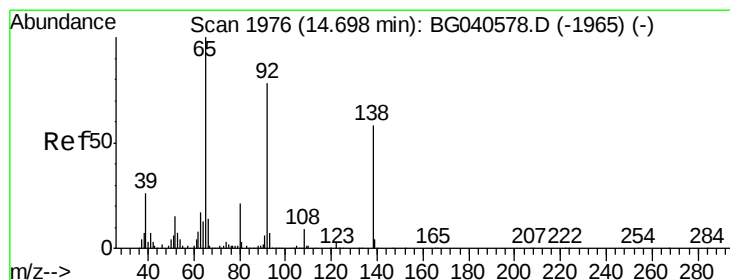
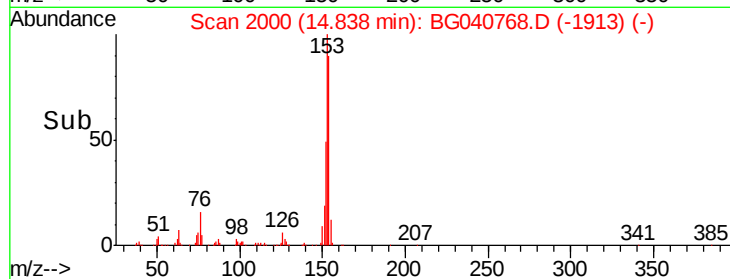
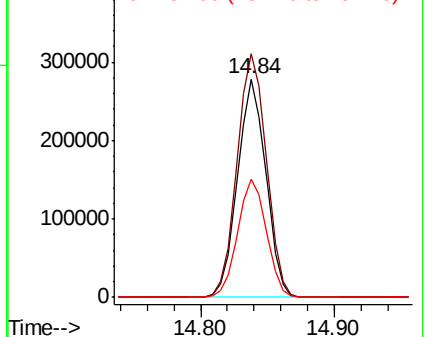


Abundance

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: 63.703 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

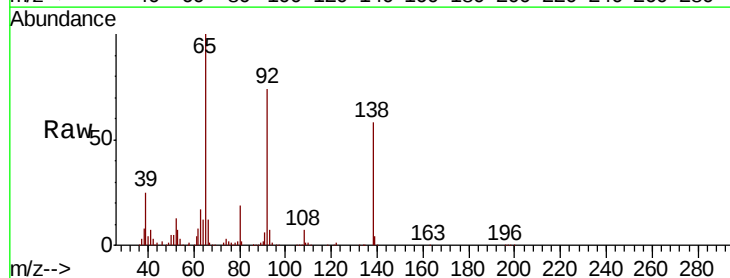
Tgt Ion:138 Resp: 133920

Ion Ratio Lower Upper

138 100

108 12.9 12.4 18.6

92 128.4 108.6 162.8

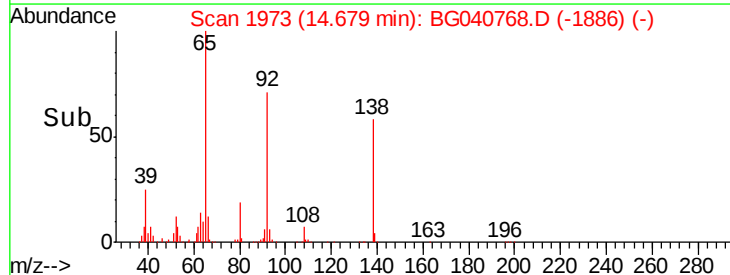
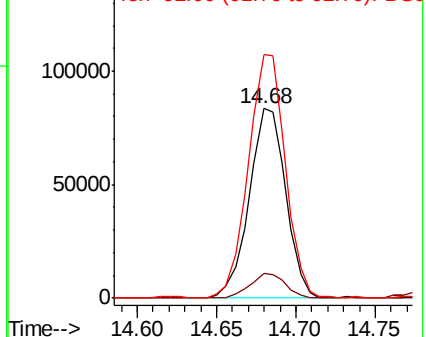


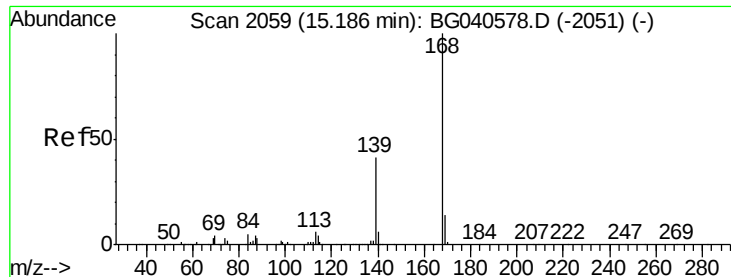
Abundance

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

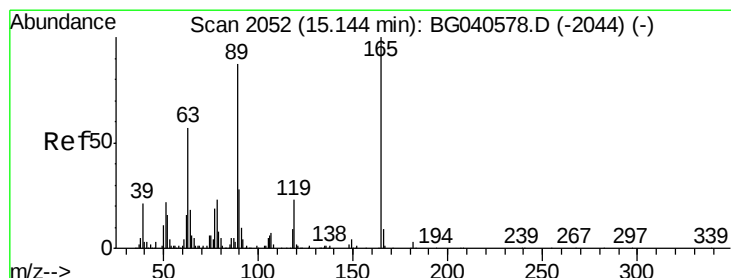
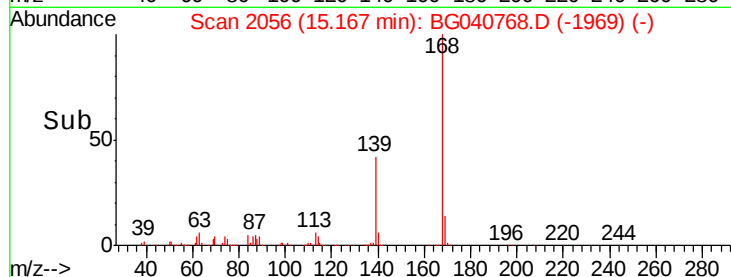
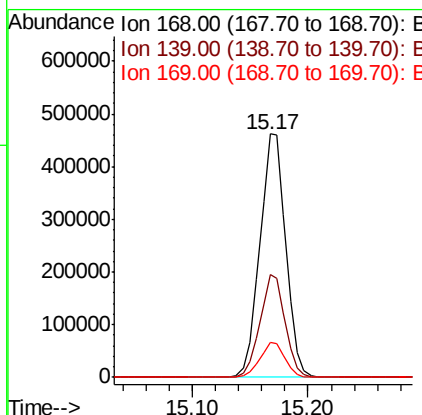
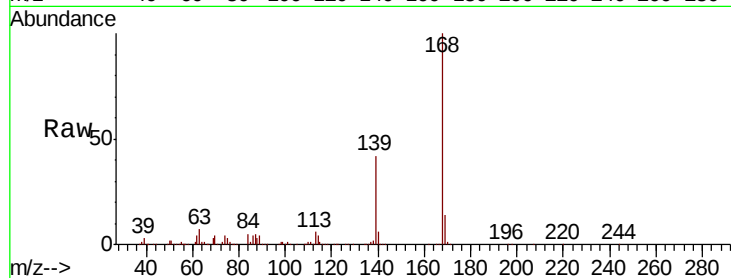




#55
Dibenzenofuran
Concen: 58.409 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

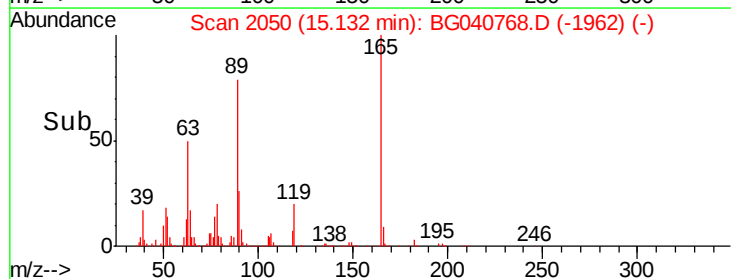
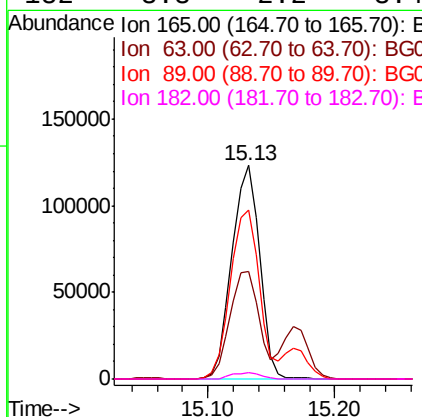
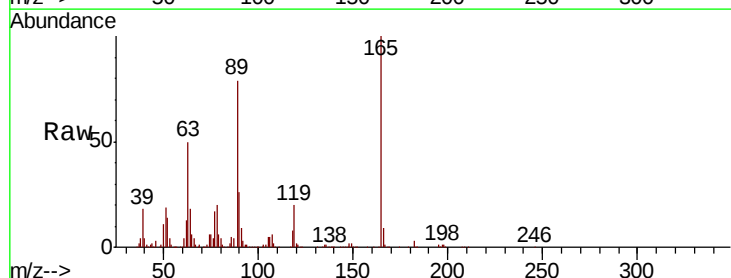
Instrument :
BNA_G
ClientSampleId :
SV28545LMS

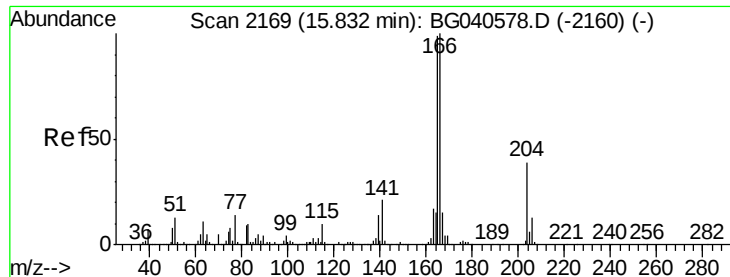
Tot Ion:168	Resp:	721658
Ion Ratio	Lower	Upper
168	100	
139	42.2	33.0 49.4
169	14.3	11.0 16.4



#57
2,4-Dinitrotoluene
Concen: 66.859 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

Tgt Ion:165	Resp:	186401
Ion Ratio	Lower	Upper
165	100	
63	50.3	45.8 68.8
89	79.0	69.4 104.2
182	3.3	2.2 3.4





#58

Fluorene

Concen: 57.175 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Instrument :

BNA_G

ClientSampleId :

SV28545LMS

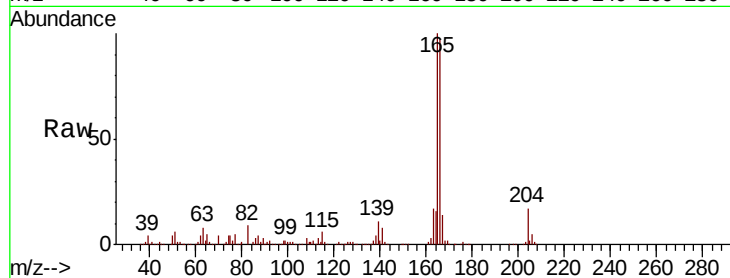
Tot Ion:166 Resp: 570960

Ion Ratio Lower Upper

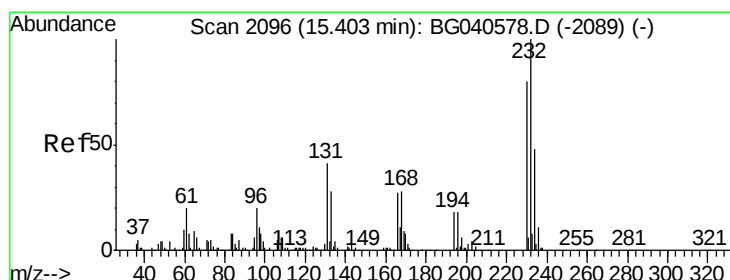
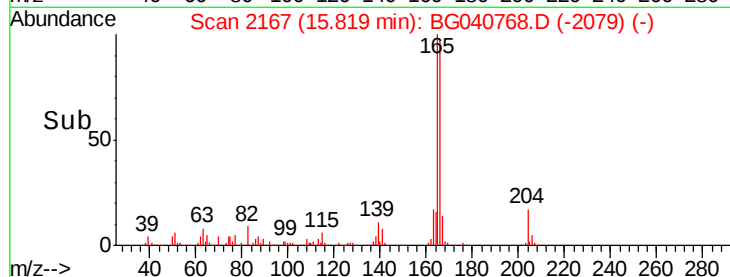
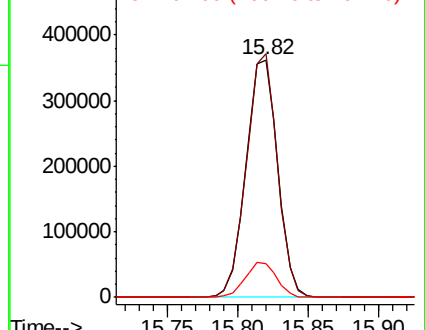
166 100

165 102.6 79.6 119.4

167 14.2 12.2 18.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 1.161 ng m

RT: 15.39 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Tgt Ion:232 Resp: 3600

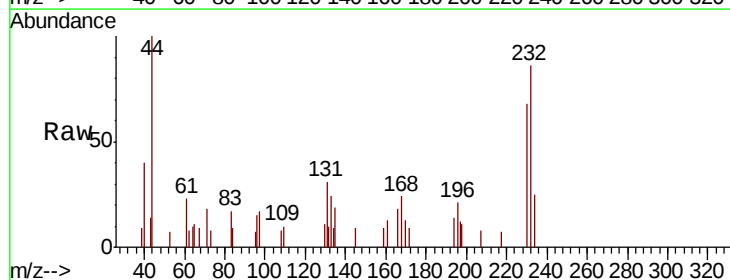
Ion Ratio Lower Upper

232 100

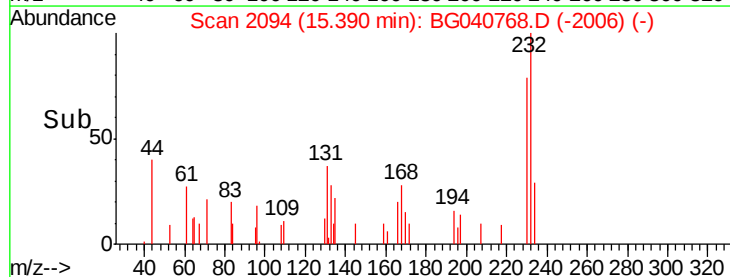
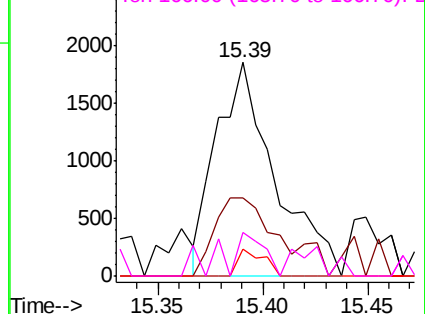
131 0.0 33.0 49.4#

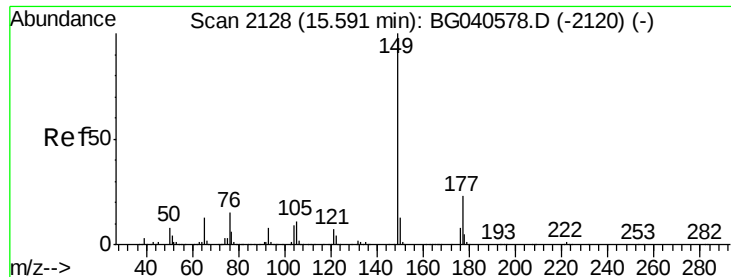
130 0.0 2.0 3.0#

166 0.0 22.1 33.1#



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

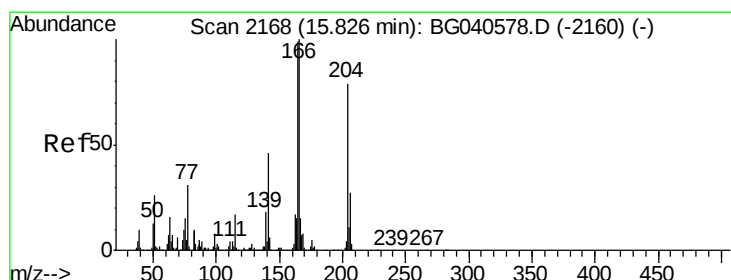
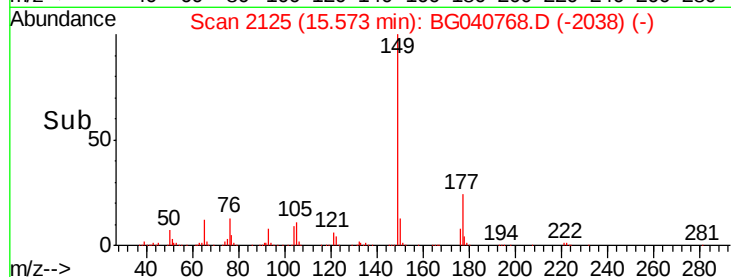
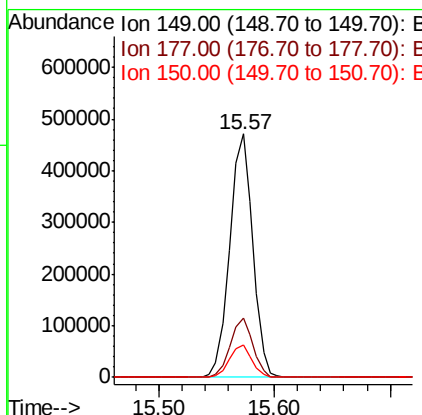
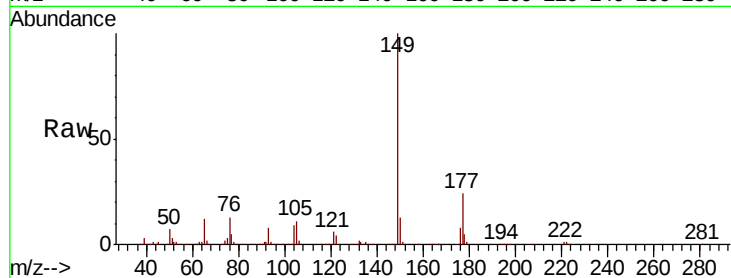




#60
Diethylphthalate
Concen: 58.227 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

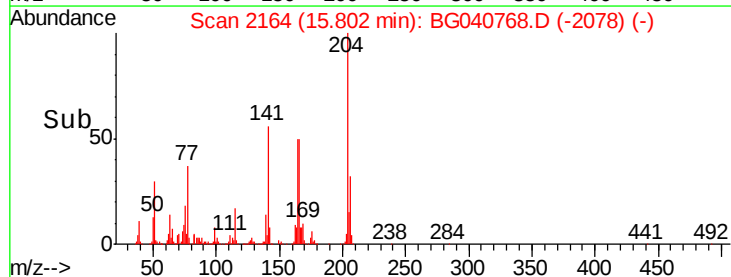
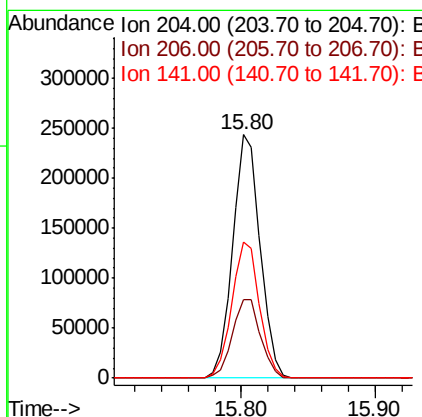
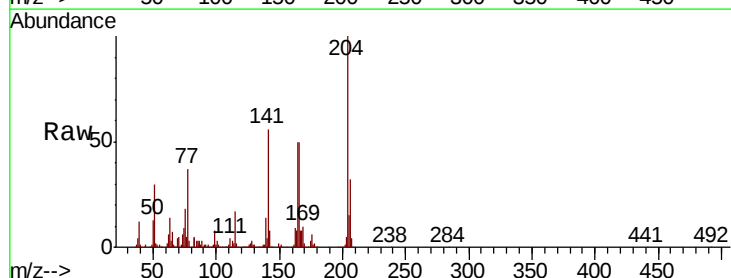
Instrument :
BNA_G
ClientSampleId :
SV28545LMS

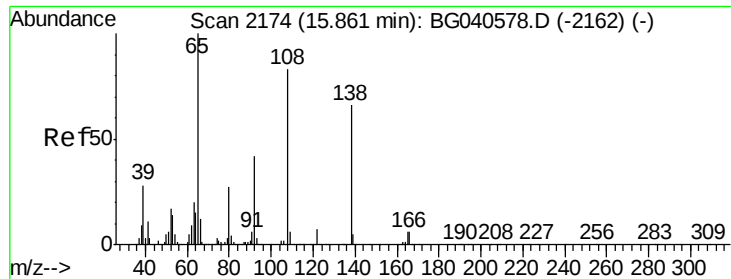
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.5	27.7
150	13.4	10.2	15.4



#61
4-Chlorophenyl-phenylether
Concen: 59.901 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	27.4	41.2
141	55.7	46.0	69.0





#62

4-Nitroaniline

Concen: 62.369 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Instrument :

BNA_G

ClientSampleId :

SV28545LMS

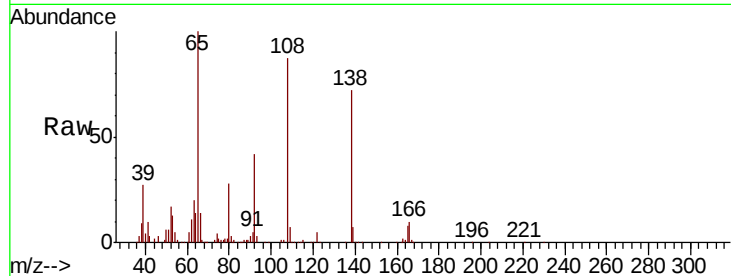
Tot Ion:138 Resp: 146667

Ion Ratio Lower Upper

138 100

92 57.7 43.9 83.9

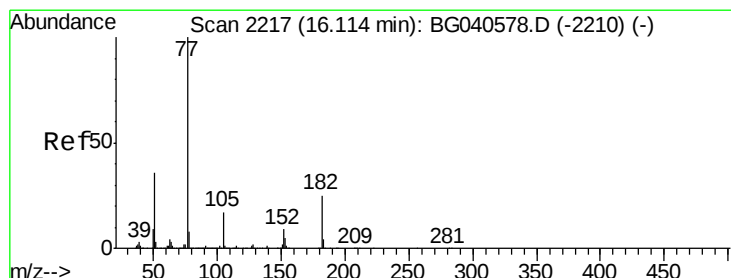
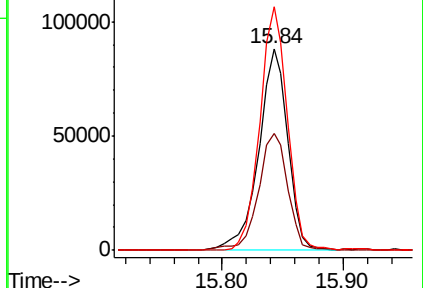
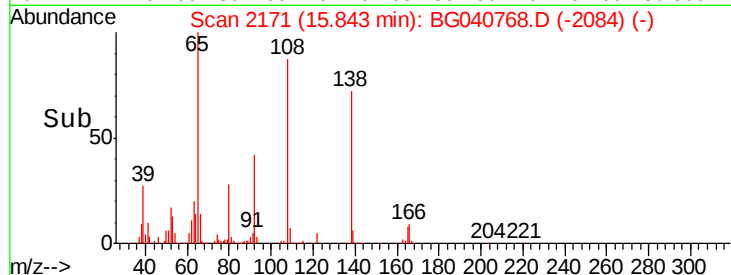
108 120.7 106.5 146.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 53.528 ng

RT: 16.10 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Tgt Ion: 77 Resp: 611440

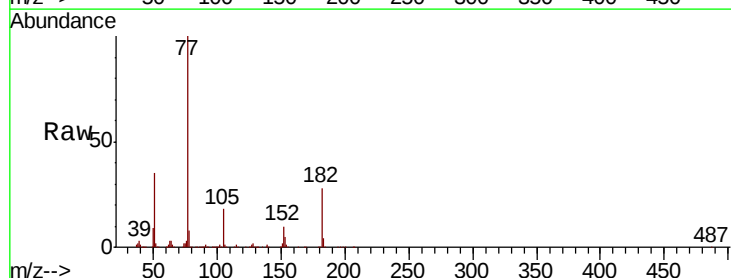
Ion Ratio Lower Upper

77 100

182 27.7 5.0 45.0

105 18.2 0.0 37.6

51 35.4 16.3 56.3

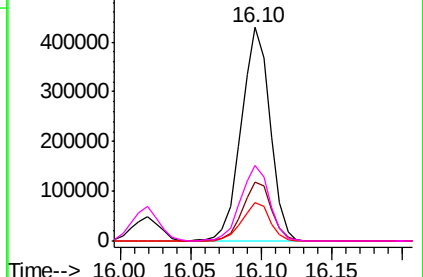
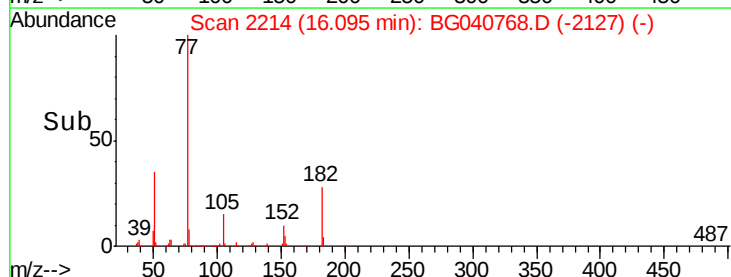


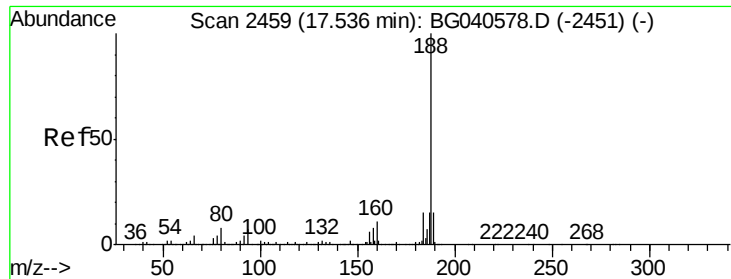
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG

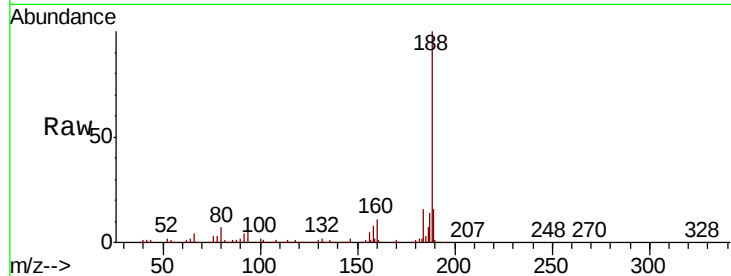




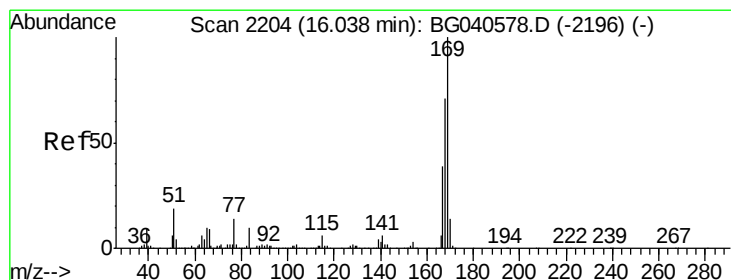
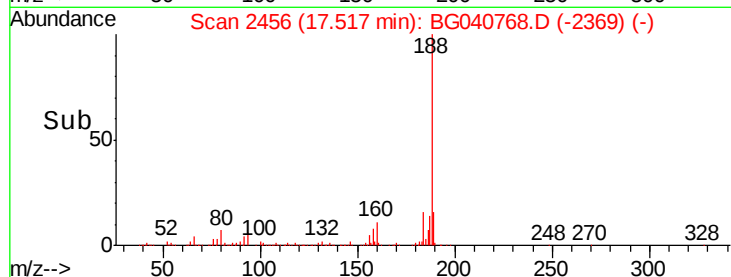
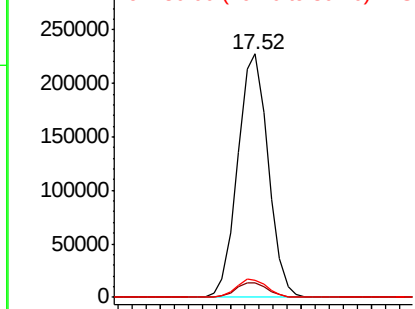
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

Instrument :
BNA_G
ClientSampleId :
SV28545LMS

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.6	8.4
80	6.9	6.4	9.6

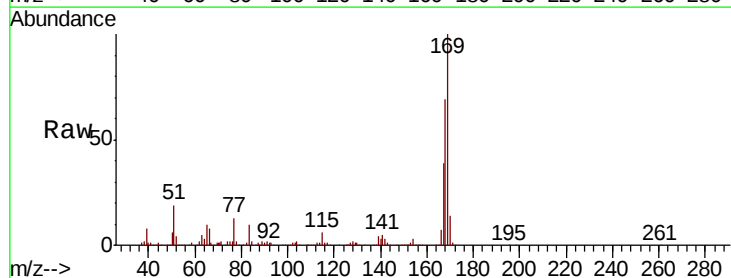


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

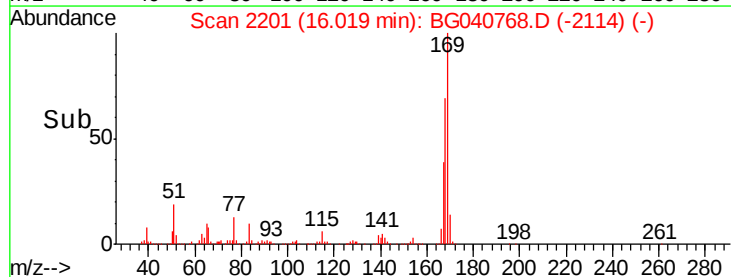
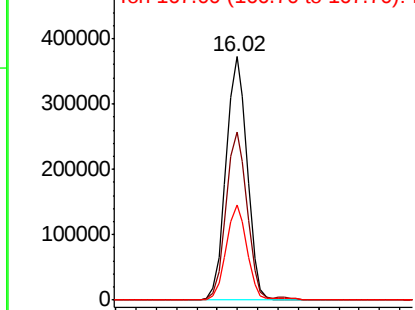


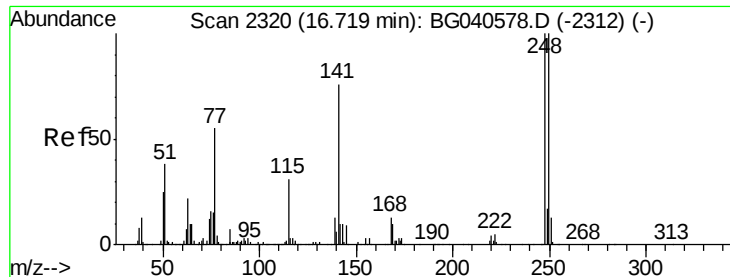
#66
n-Nitrosodiphenylamine
Concen: 53.326 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.9	56.8	85.2
167	38.8	31.4	47.0



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

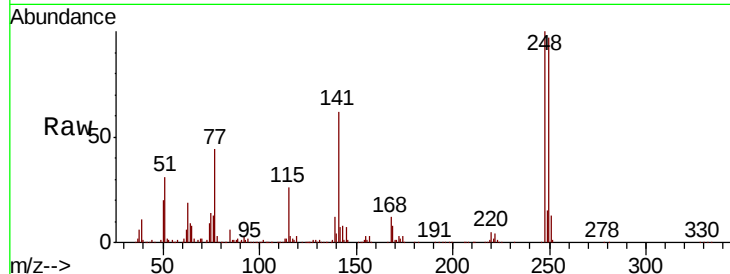




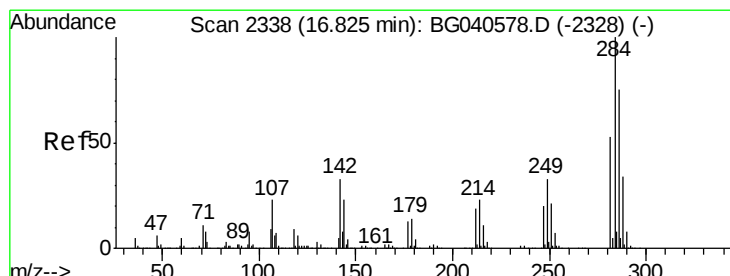
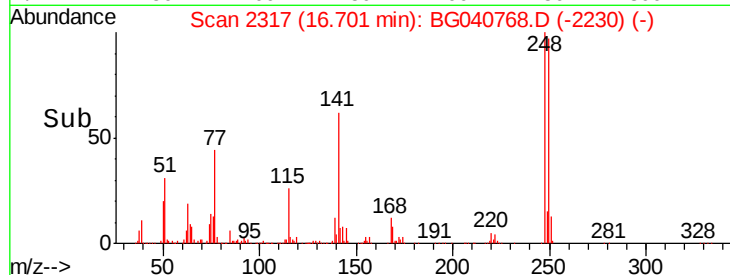
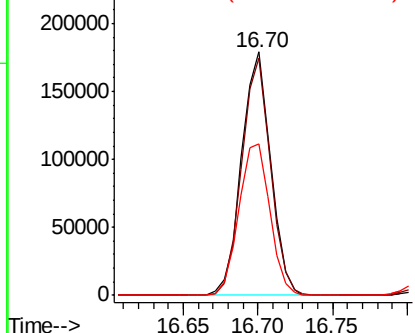
#67
 4-Bromophenyl-phenylether
 Concen: 56.290 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.02 min
 Lab File: BG040768.D
 Acq: 7 May 2019 14:03

Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.8	119.6
141	62.0	60.8	91.2

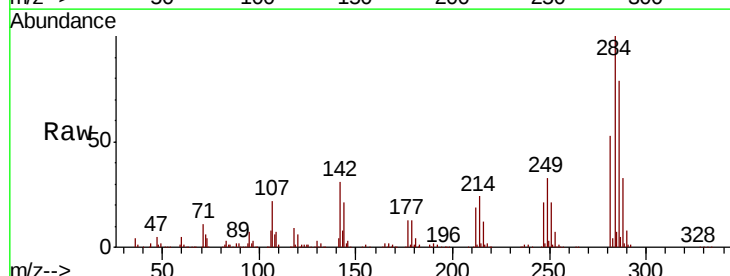


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

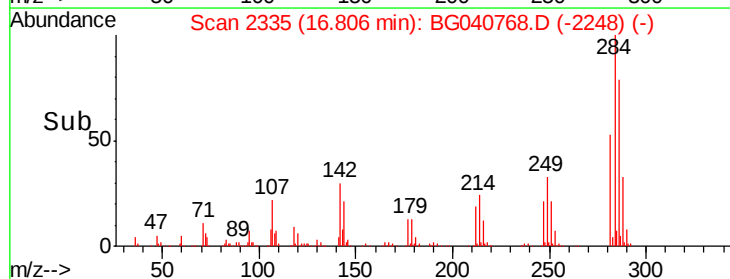
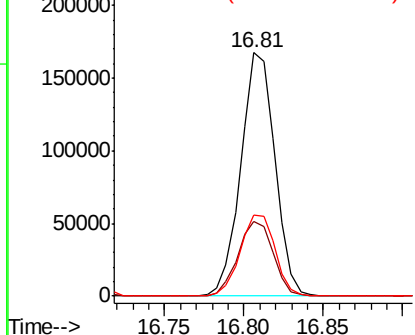


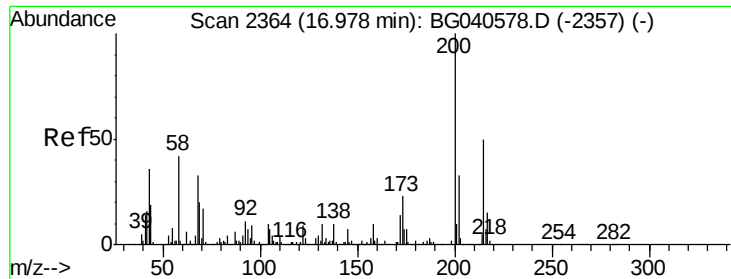
#68
 Hexachlorobenzene
 Concen: 56.607 ng
 RT: 16.81 min Scan# 2335
 Delta R.T. -0.02 min
 Lab File: BG040768.D
 Acq: 7 May 2019 14:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	26.6	40.0
249	33.4	26.0	39.0



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

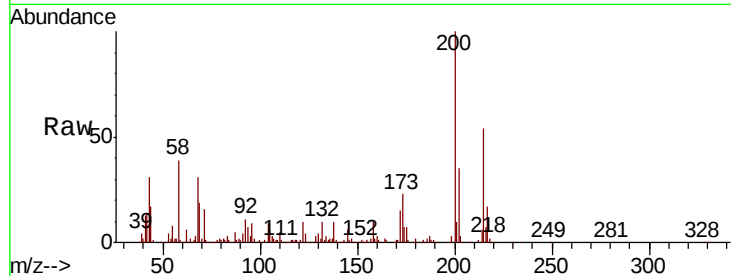




#69
 Atrazine
 Concen: 59.615 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.02 min
 Lab File: BG040768.D
 Acq: 7 May 2019 14:03

Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.2	2.8	42.8
215	54.0	30.2	70.2

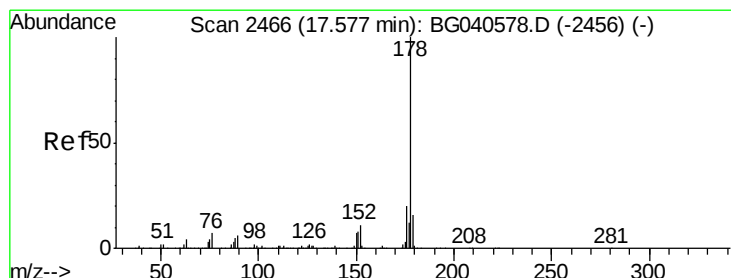
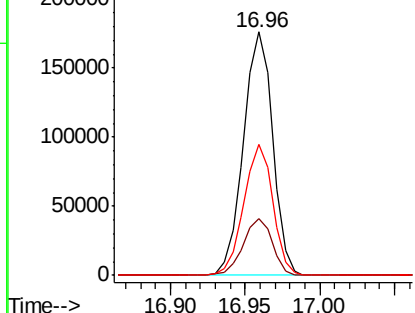
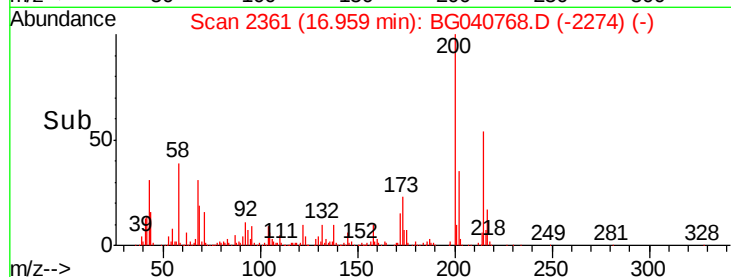


Abundance

Ion 200.00 (199.70 to 200.70): E

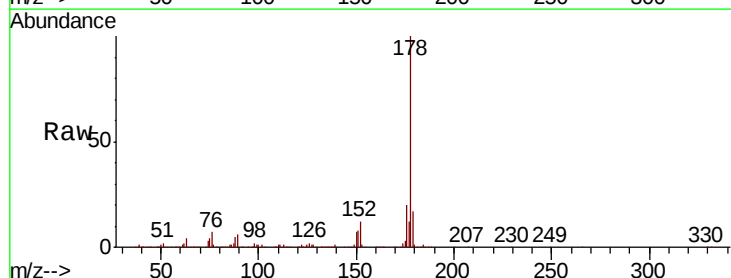
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#71
 Phenanthrene
 Concen: 55.851 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. -0.02 min
 Lab File: BG040768.D
 Acq: 7 May 2019 14:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.6
179	16.6	12.6	18.8

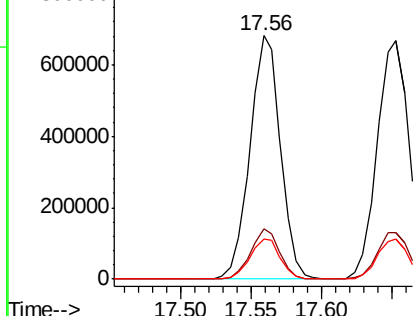
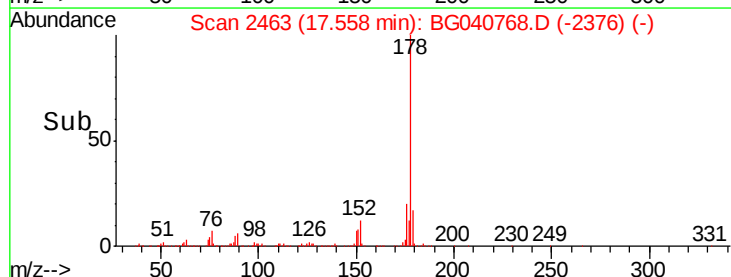


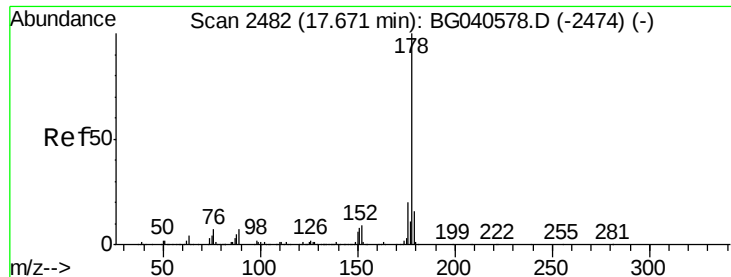
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

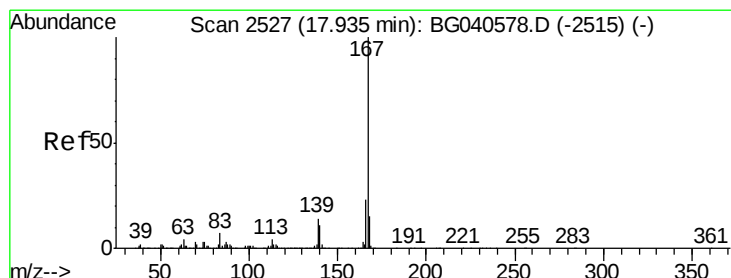
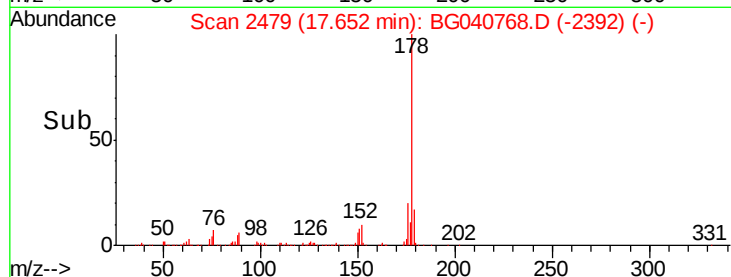
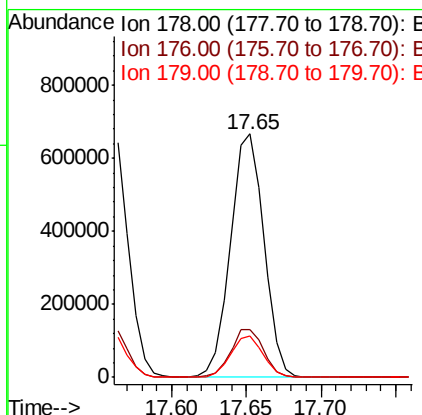
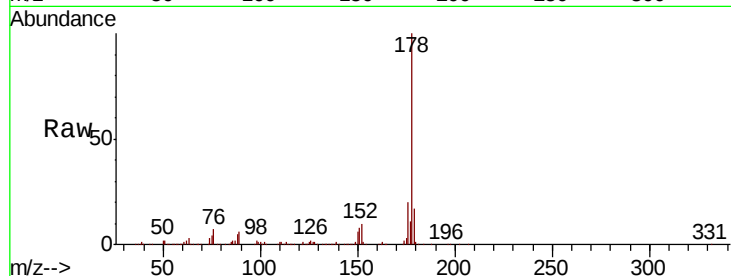




#72
 Anthracene
 Concen: 56.225 ng
 RT: 17.65 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BG040768.D
 Acq: 7 May 2019 14:03

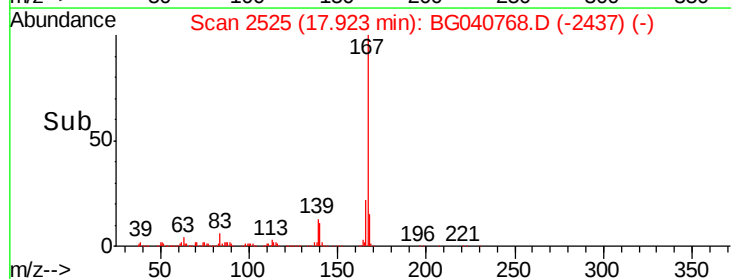
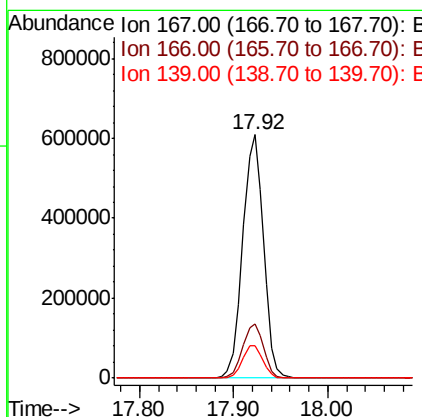
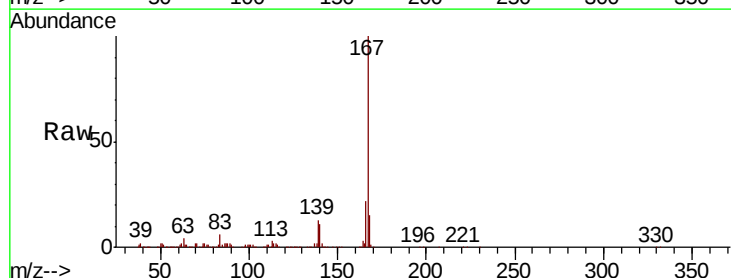
Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMS

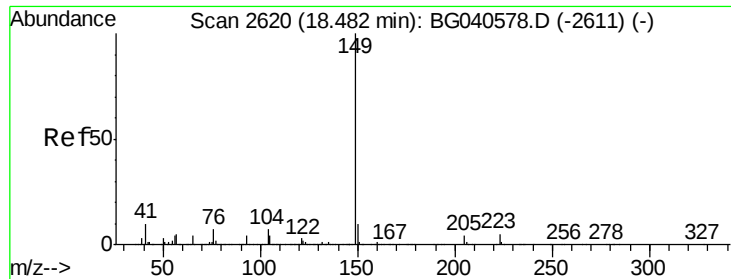
Tot Ion:178 Resp: 1045487
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.6 23.4
 179 16.9 12.9 19.3



#73
 Carbazole
 Concen: 55.027 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BG040768.D
 Acq: 7 May 2019 14:03

Tgt Ion:167 Resp: 932225
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.4
 139 13.4 11.4 17.0





#74

Di-n-butylphthalate

Concen: 54.457 ng

RT: 18.46 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Instrument :

BNA_G

ClientSampleId :

SV28545LMS

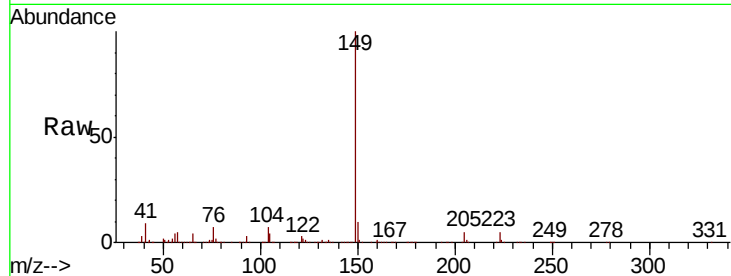
Tot Ion:149 Resp: 1113521

Ion Ratio Lower Upper

149 100

150 10.1 8.2 12.2

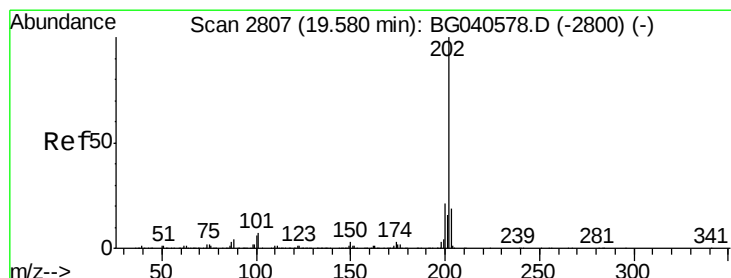
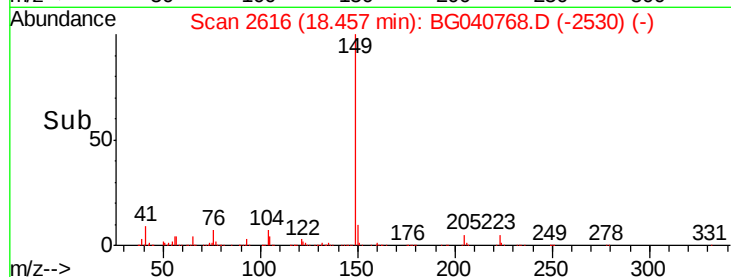
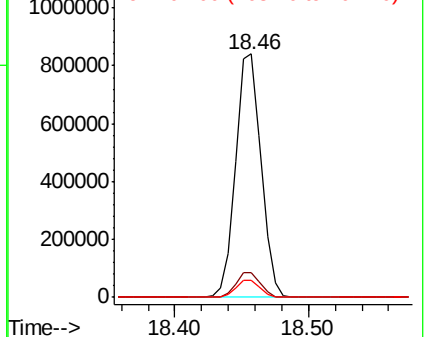
104 6.9 5.4 8.2



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: 58.310 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

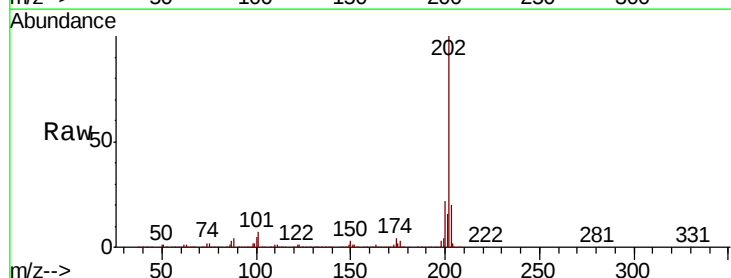
Tgt Ion:202 Resp: 1344206

Ion Ratio Lower Upper

202 100

101 6.9 0.0 27.5

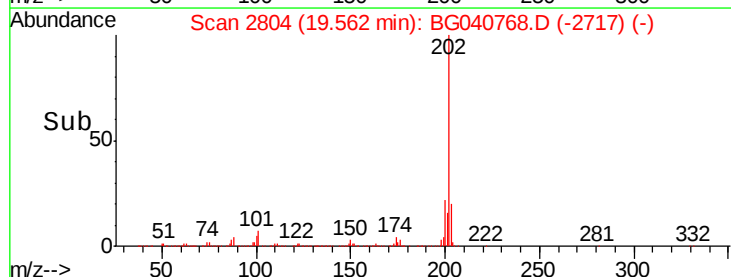
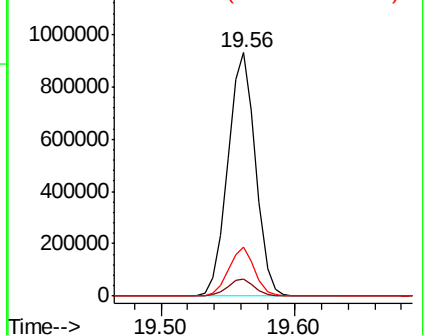
203 20.0 0.0 39.3

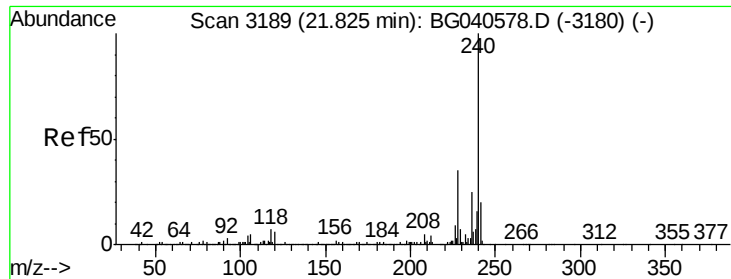


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

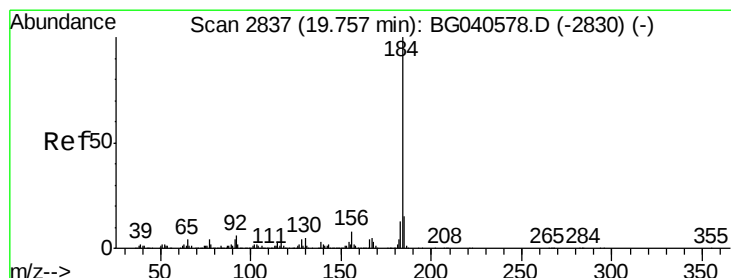
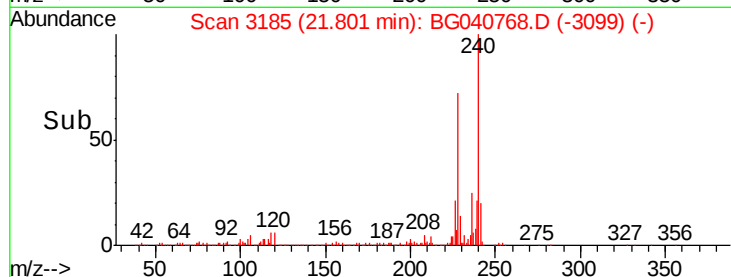
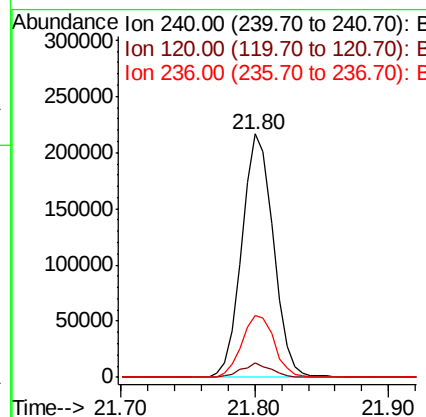
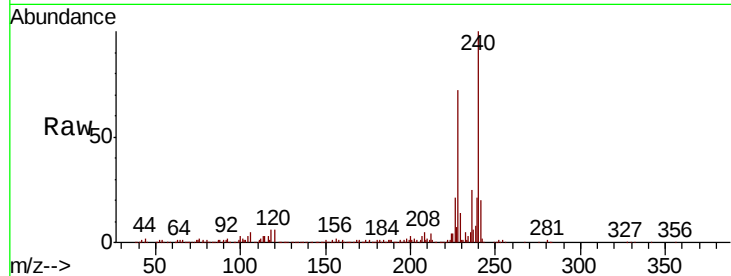




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.02 min
 Lab File: BG040768.D
 Acq: 7 May 2019 14:03

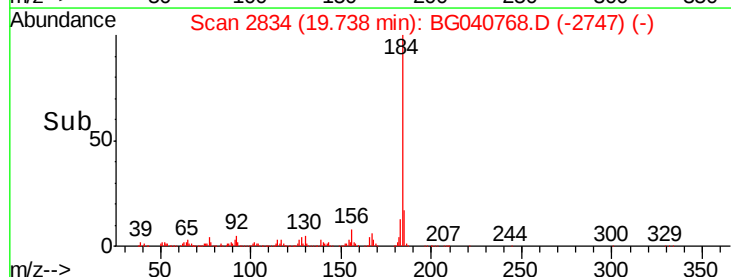
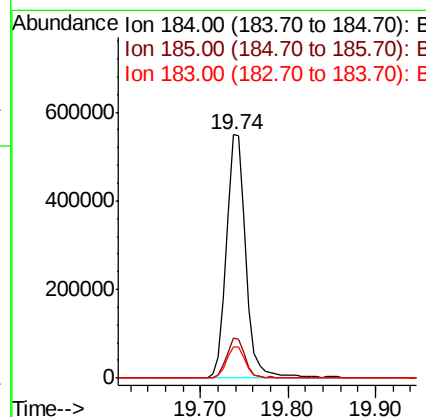
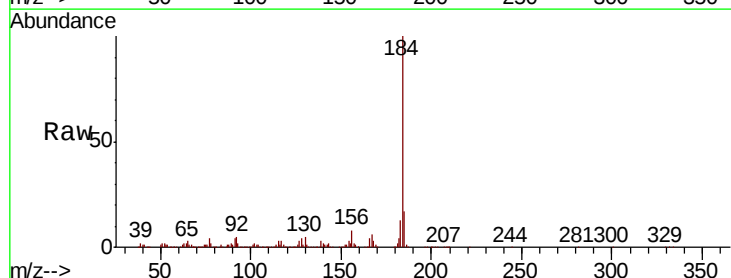
Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMS

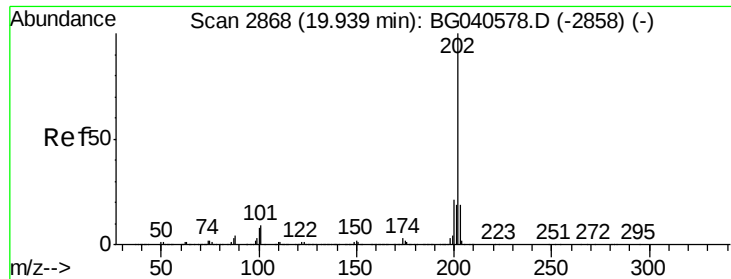
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.0	7.6
236	25.3	20.3	30.5



#77
 Benzidine
 Concen: 88.088 ng
 RT: 19.74 min Scan# 2834
 Delta R.T. -0.02 min
 Lab File: BG040768.D
 Acq: 7 May 2019 14:03

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.6	11.8	17.8
183	12.7	10.2	15.2





#78

Pvrene

Concen: 60.344 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Instrument :

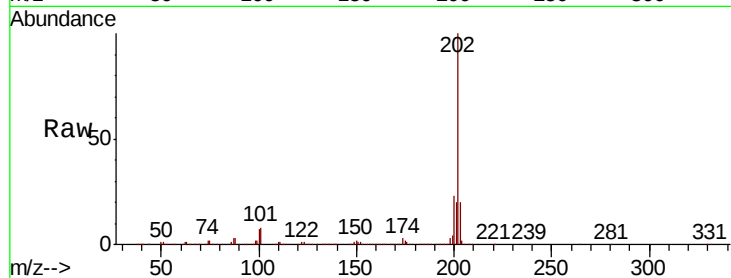
BNA_G

ClientSampleId :

SV28545LMS

Tot Ion:202 Resp: 1333023

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.2	25.8
203	20.1	15.0	22.4

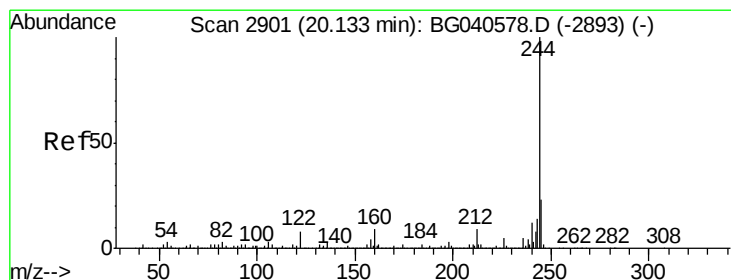
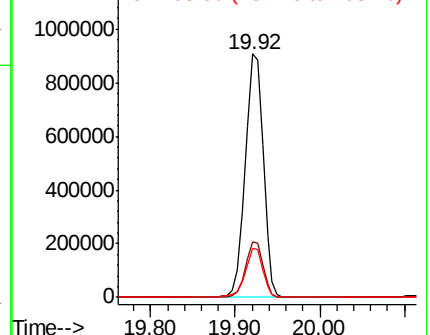
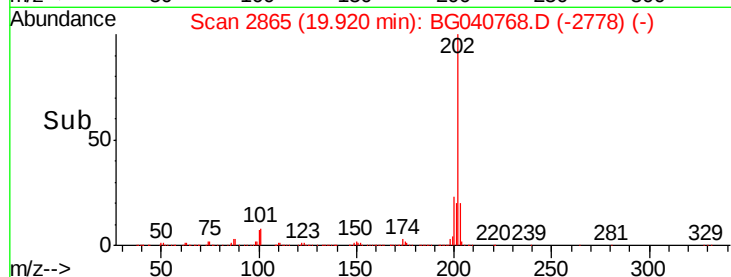


Abundance

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: 123.166 ng

RT: 20.11 min Scan# 2898

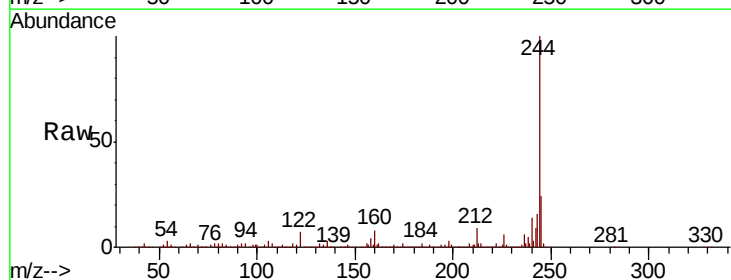
Delta R.T. -0.02 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Tgt Ion:244 Resp: 1959473

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.2	10.8
122	7.3	6.6	10.0

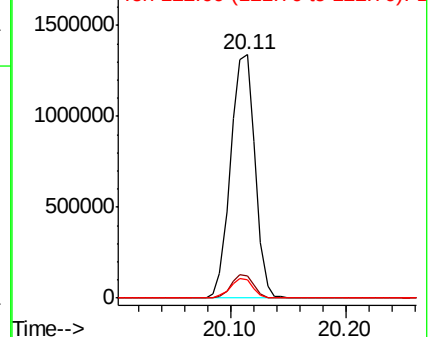
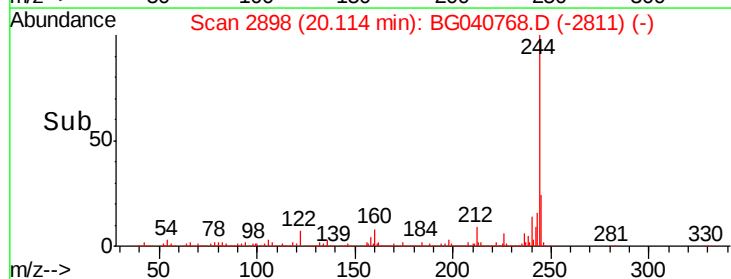


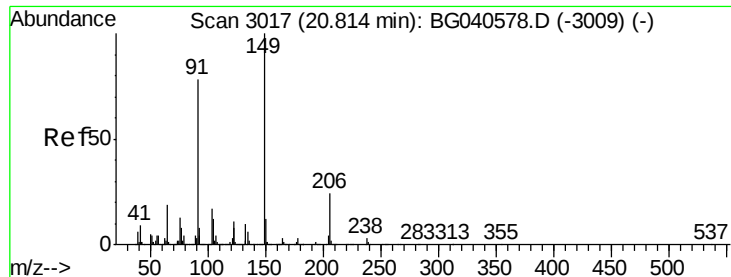
Abundance

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

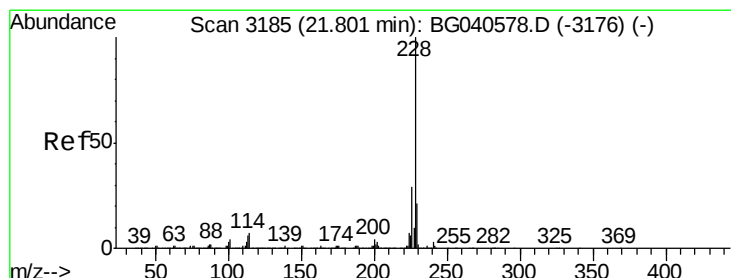
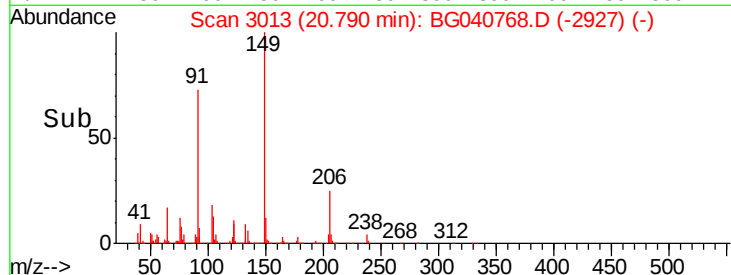
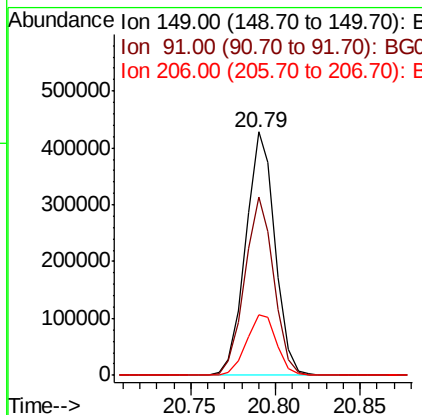
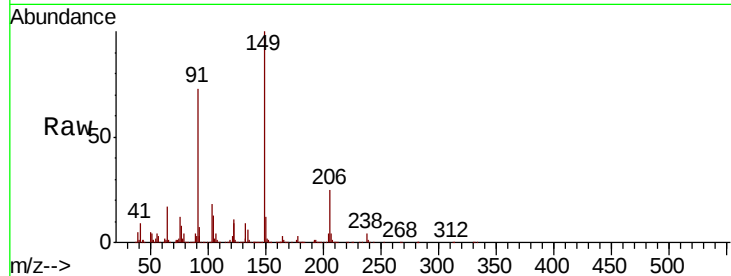




#80
Butylbenzylphthalate
Concen: 60.037 ng
RT: 20.79 min Scan# 3013
Delta R.T. -0.02 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

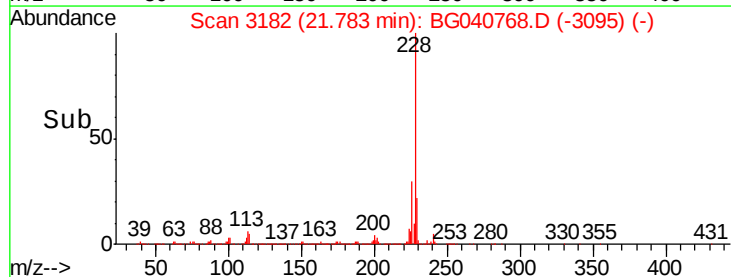
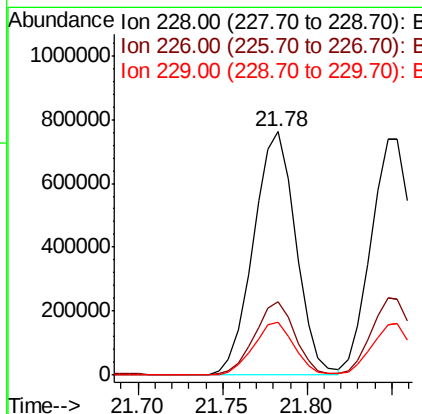
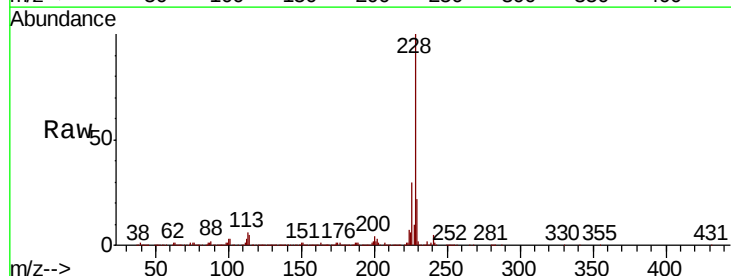
Instrument :
BNA_G
ClientSampleId :
SV28545LMS

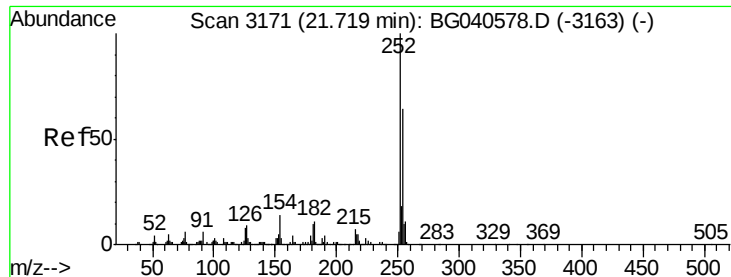
Tot Ion:149 Resp: 516909
Ion Ratio Lower Upper
149 100
91 73.4 62.6 93.8
206 24.9 19.4 29.2



#81
Benzo(a)anthracene
Concen: 59.322 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG040768.D
Acq: 7 May 2019 14:03

Tgt Ion:228 Resp: 1321436
Ion Ratio Lower Upper
228 100
226 30.2 23.1 34.7
229 21.7 17.0 25.4

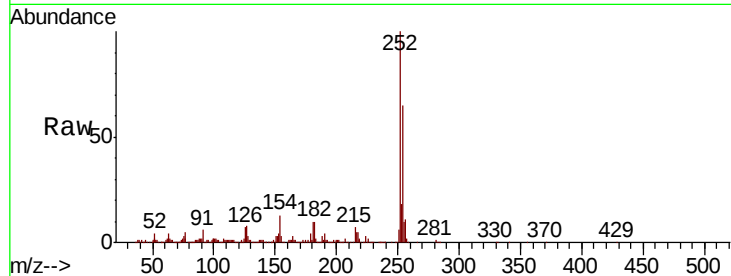




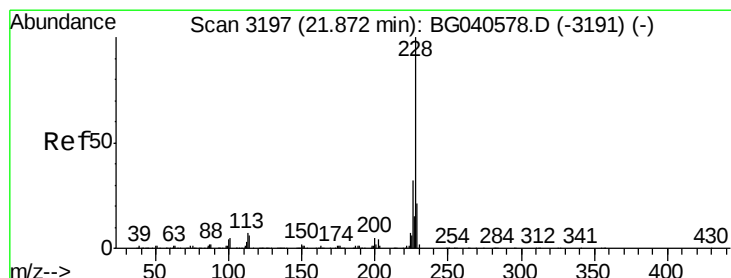
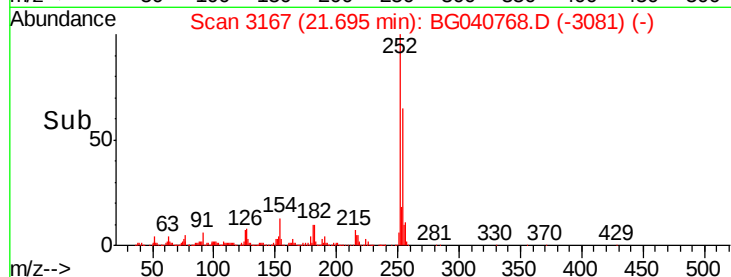
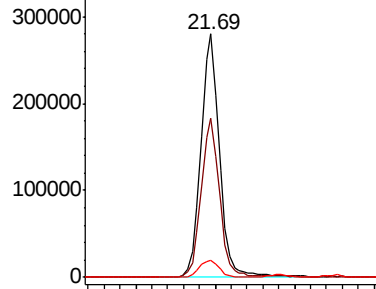
#82
 3,3'-Dichlorobenzidine
 Concen: 57.191 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.02 min
 Lab File: BG040768.D
 Acq: 7 May 2019 14:03

Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.2	76.8
126	7.0	6.6	10.0

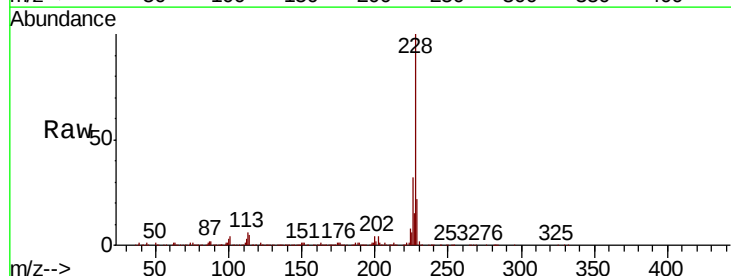


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

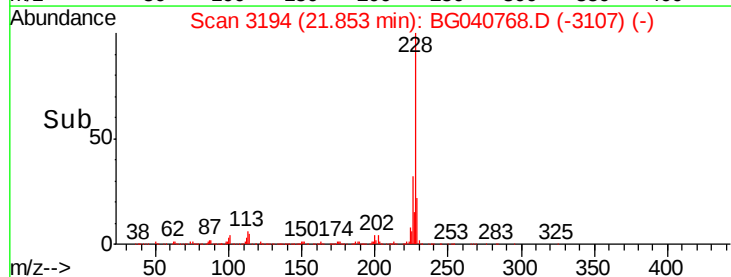
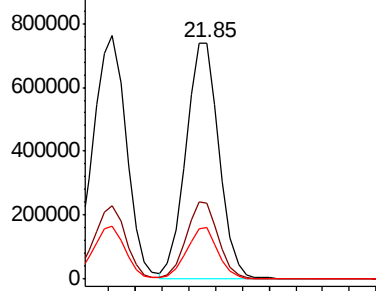


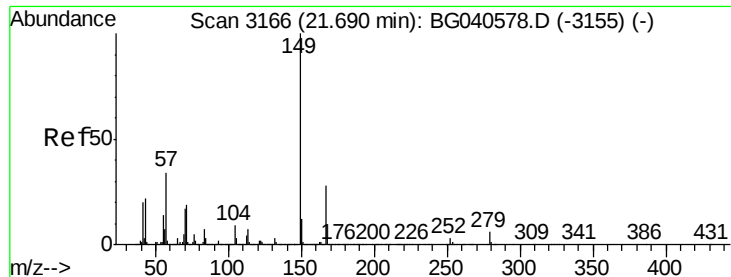
#83
 Chrysene
 Concen: 60.777 ng
 RT: 21.85 min Scan# 3194
 Delta R.T. -0.02 min
 Lab File: BG040768.D
 Acq: 7 May 2019 14:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.5	38.3
229	22.0	16.8	25.2



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: 57.848 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.04 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Instrument :

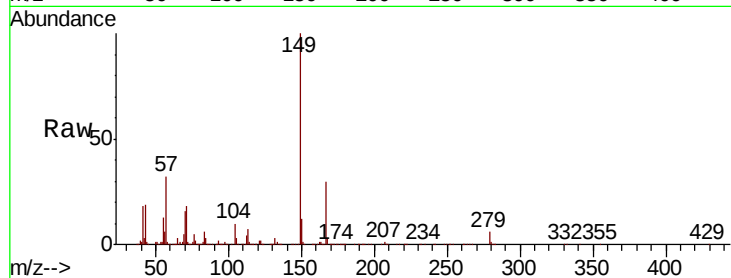
BNA_G

ClientSampleId :

SV28545LMS

Tot Ion:149 Resp: 718954

Ion	Ratio	Lower	Upper
149	100		
167	30.2	22.4	33.6
279	6.1	4.6	6.8

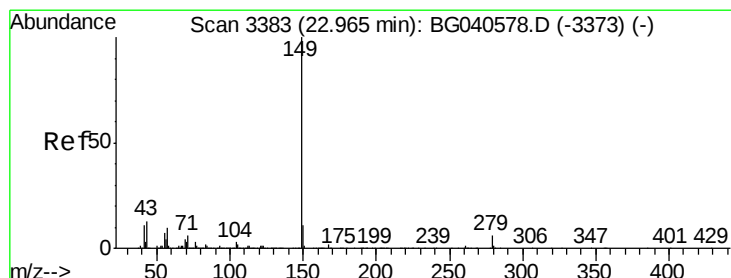
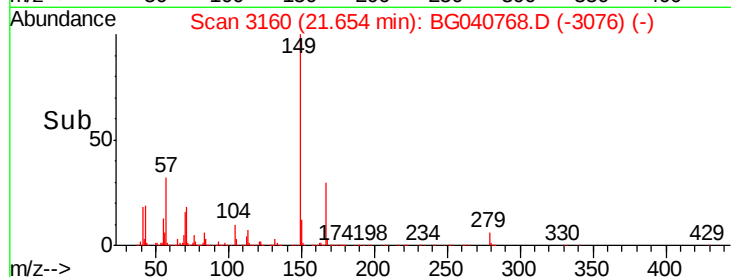
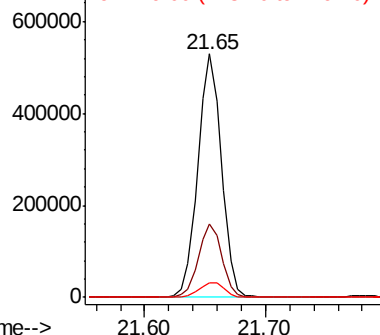


Abundance

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: 58.394 ng

RT: 22.91 min Scan# 3374

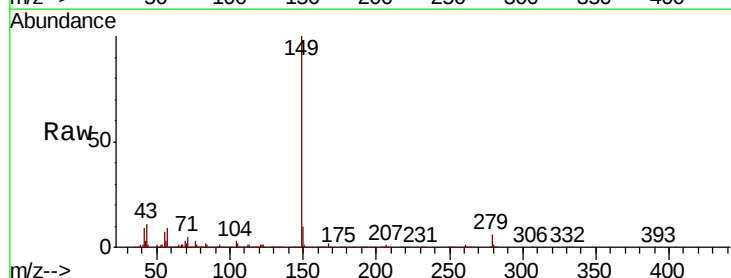
Delta R.T. -0.05 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Tgt Ion:149 Resp: 1222254

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	11.2	10.2	15.2

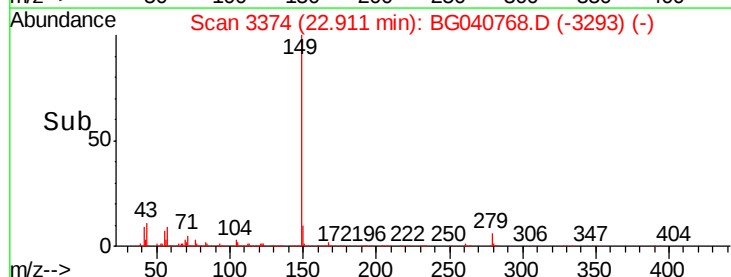
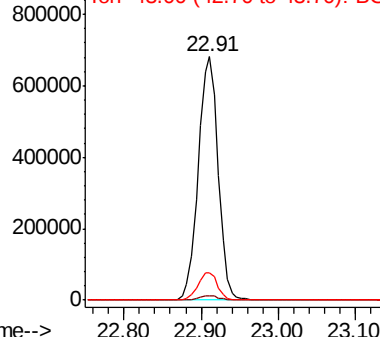


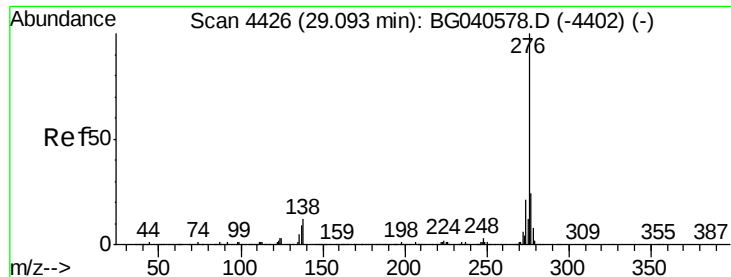
Abundance

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: 52.824 ng

RT: 29.02 min Scan# 4413

Delta R.T. -0.08 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Instrument :

BNA_G

ClientSampleId :

SV28545LMS

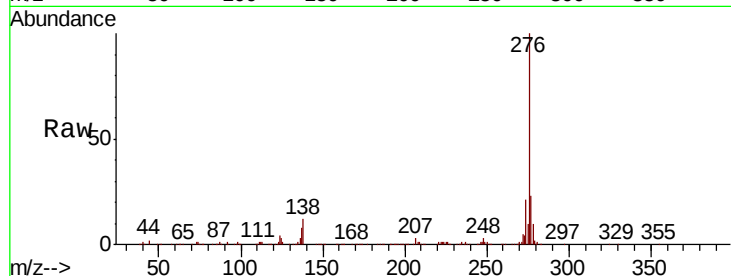
Tot Ion:276 Resp: 1353005

Ion Ratio Lower Upper

276 100

138 7.1 9.8 14.6#

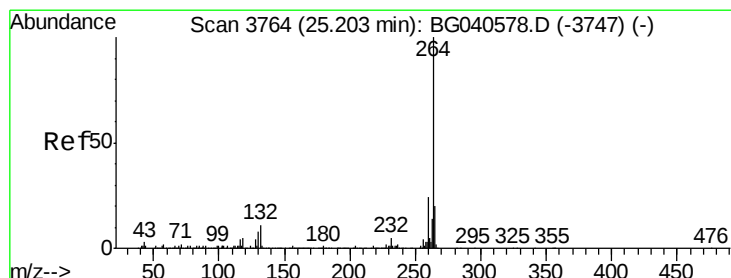
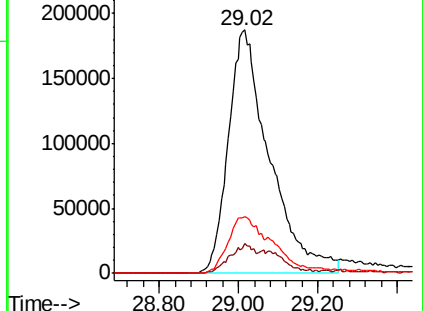
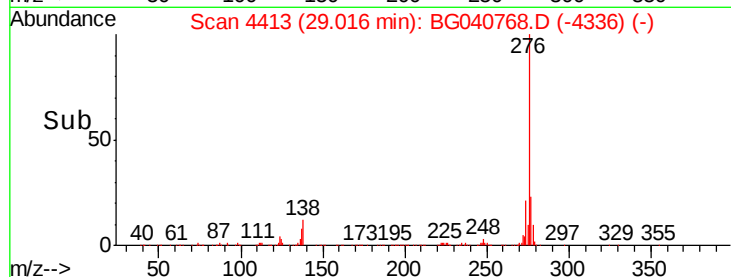
277 17.9 17.3 25.9



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: 25.16 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

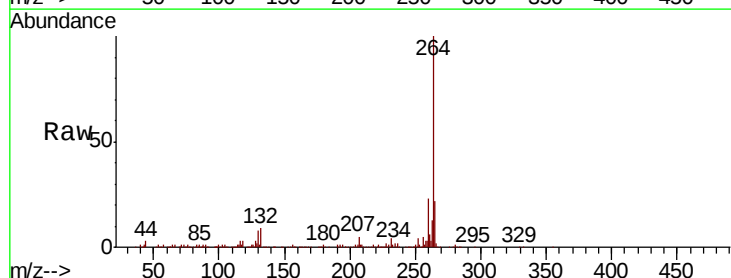
Tgt Ion:264 Resp: 363825

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

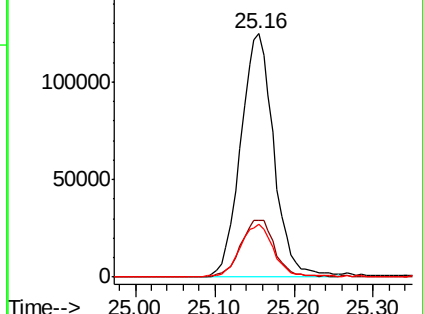
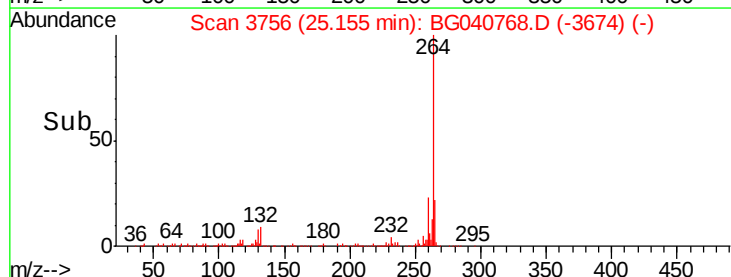
265 21.9 16.6 25.0

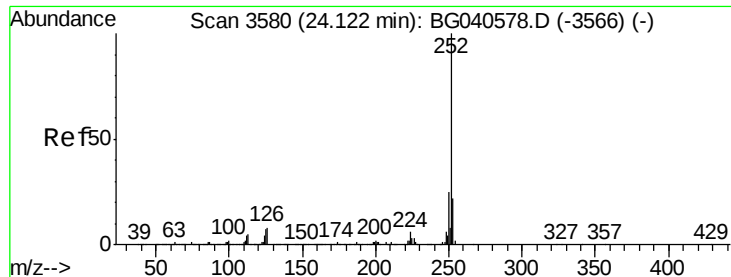


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 58.994 ng

RT: 24.08 min Scan# 3573

Delta R.T. -0.04 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Instrument :

BNA_G

ClientSampleId :

SV28545LMS

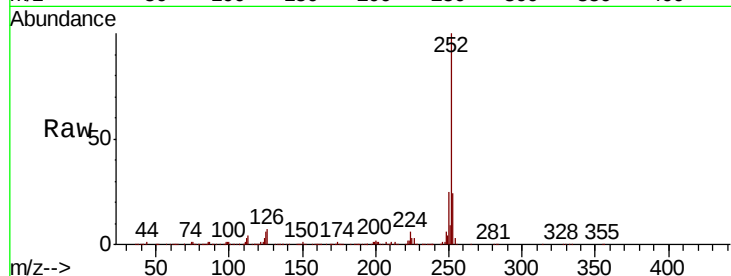
Tot Ion:252 Resp: 1311596

Ion Ratio Lower Upper

252 100

253 23.9 17.6 26.4

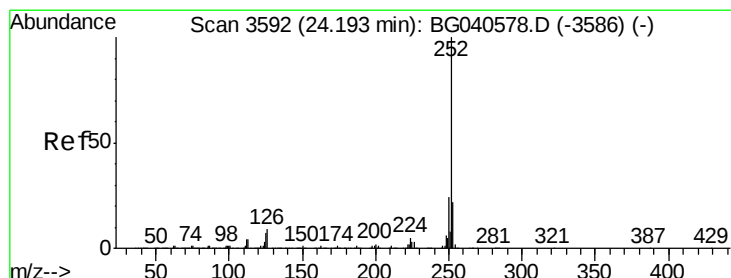
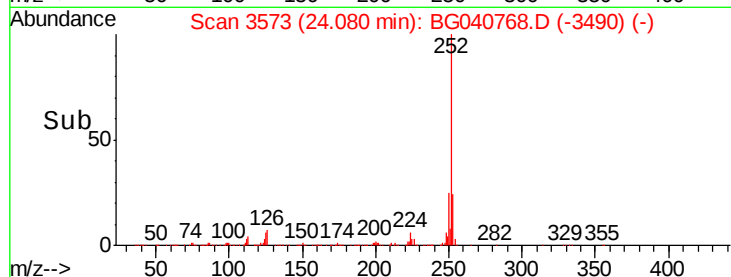
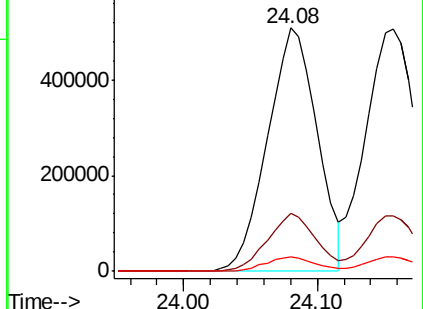
125 5.7 5.4 8.0



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: 65.192 ng

RT: 24.16 min Scan# 3586

Delta R.T. -0.04 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

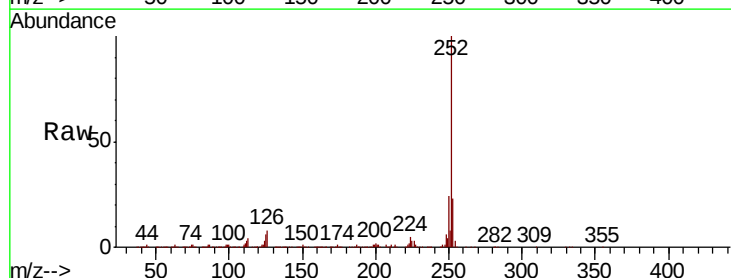
Tgt Ion:252 Resp: 1353600

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

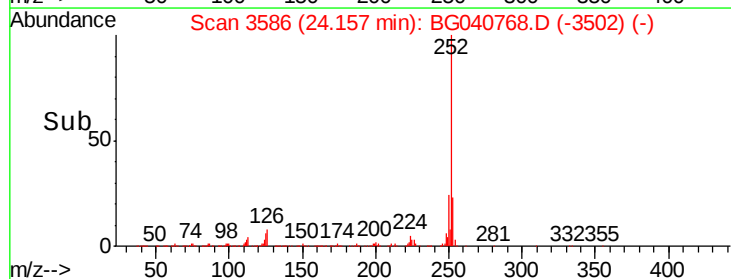
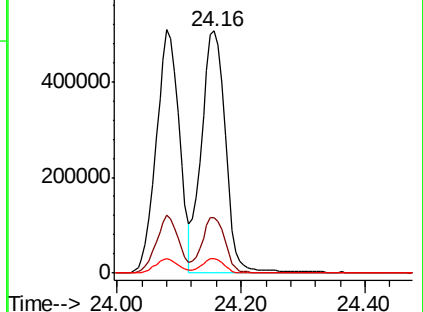
125 6.2 5.5 8.3

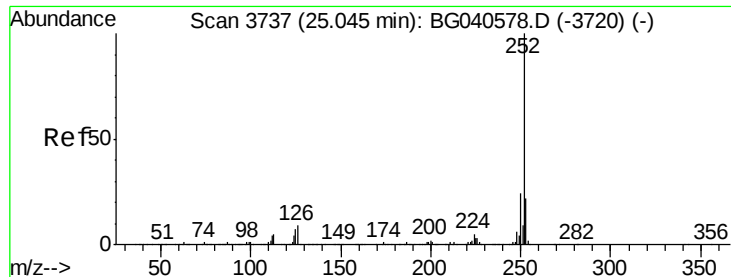


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 60.990 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

Instrument :

BNA_G

ClientSampleId :

SV28545LMS

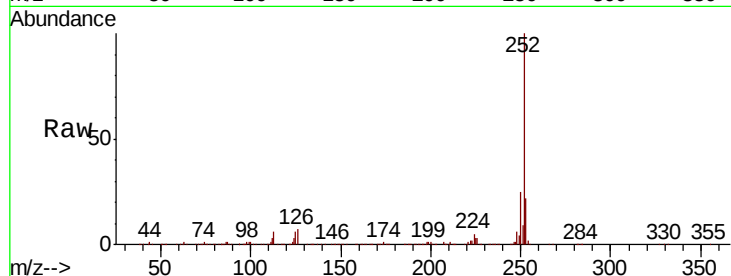
Tot Ion:252 Resp: 1283547

Ion Ratio Lower Upper

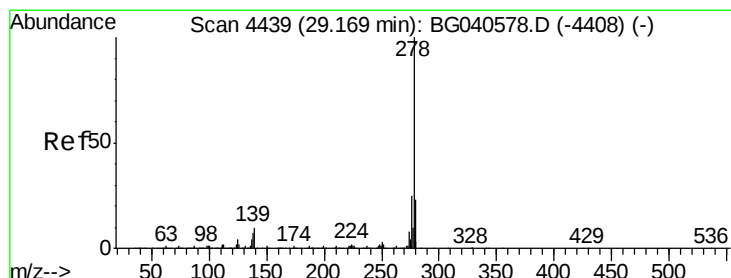
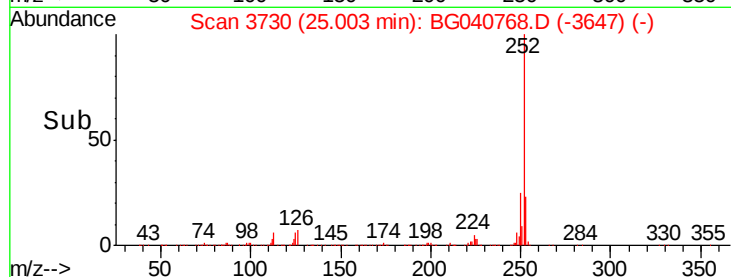
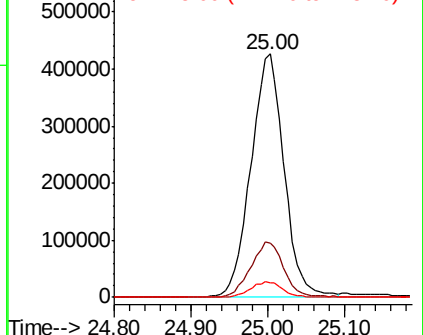
252 100

253 22.5 17.8 26.6

125 6.2 5.7 8.5



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



#91

Dibenzo(a,h)anthracene

Concen: 51.133 ng

RT: 29.09 min Scan# 4426

Delta R.T. -0.08 min

Lab File: BG040768.D

Acq: 7 May 2019 14:03

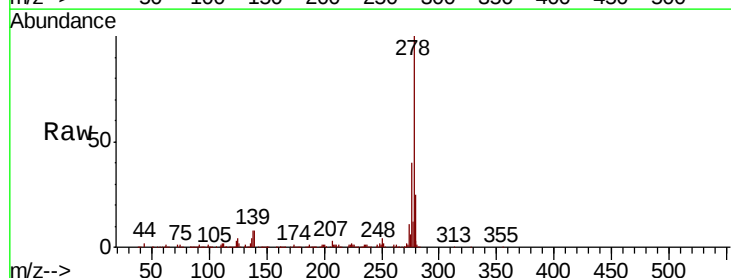
Tgt Ion:278 Resp: 1088983

Ion Ratio Lower Upper

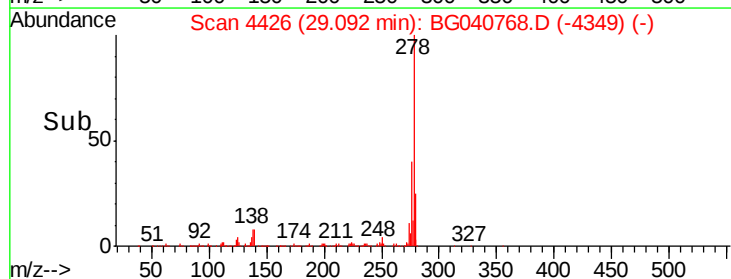
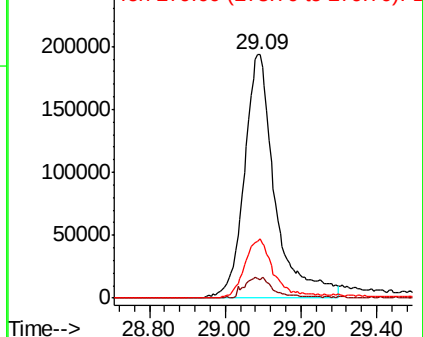
278 100

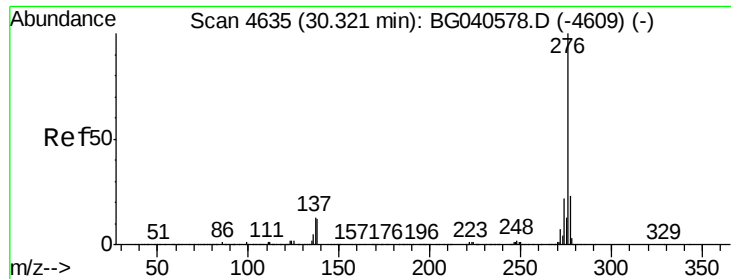
139 7.8 8.2 12.4#

279 24.6 18.5 27.7



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(a,h,i)perylene
 Concen: 51.300 ng
 RT: 30.23 min Scan# 4619
 Delta R.T. -0.09 min
 Lab File: BG040768.D
 Acq: 7 May 2019 14:03

Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMS

Tot Ion:276 Resp: 1087330

Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.4	27.6
138	11.4	9.8	14.6

