

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042319\
 Data File : BG040583.D
 Acq On : 23 Apr 2019 22:36
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG042319

Quant Time: Apr 24 06:00:38 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	8.16	152	41473	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	191456	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	134373	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	333336	20.00	ng	0.00
76) Chrysene-d12	21.83	240	360482	20.00	ng	0.00
87) Perylene-d12	25.19	264	361782	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	195518	83.10	ng	0.00
7) Phenol-d6	7.30	99	304753	84.13	ng	0.00
23) Nitrobenzene-d5	9.34	82	347346	83.83	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	154858	83.84	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	756389	81.29	ng	0.00
79) Terphenyl-d14	20.13	244	1357370	83.42	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.56	88	44681	41.759	ng	96
3) Pyridine	3.96	79	130093	41.947	ng	96
4) n-Nitrosodimethylamine	3.89	42	73452	42.699	ng	98
6) Aniline	7.48	93	199072	41.460	ng	98
8) 2-Chlorophenol	7.72	128	119487	41.593	ng	99
9) Benzaldehyde	7.30	77	94796	45.206	ng	93
10) Phenol	7.32	94	160893	41.318	ng	90
11) bis(2-Chloroethyl)ether	7.58	93	118223	40.486	ng	95
12) 1,3-Dichlorobenzene	8.05	146	131242	41.856	ng	98
13) 1,4-Dichlorobenzene	8.19	146	128924	40.559	ng	99
14) 1,2-Dichlorobenzene	8.52	146	124683	40.674	ng	98
15) Benzyl Alcohol	8.39	79	159744	42.381	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	236190	40.627	ng	98
17) 2-Methylphenol	8.59	107	111714	40.538	ng	93
18) Hexachloroethane	9.25	117	54073	41.470	ng	91
19) n-Nitroso-di-n-propylamine	8.97	70	136155	41.754	ng	98
20) 3+4-Methylphenols	8.92	107	158654	41.327	ng	98
22) Acetophenone	8.99	105	212752	39.962	ng	97
24) Nitrobenzene	9.38	77	183979	41.616	ng	98
25) Isophorone	9.90	82	369081	39.989	ng	99
26) 2-Nitrophenol	10.09	139	69271	43.712	ng	98
27) 2,4-Dimethylphenol	10.13	122	119835	40.303	ng	98
28) bis(2-Chloroethoxy)methane	10.38	93	184525	39.848	ng	97
29) 2,4-Dichlorophenol	10.62	162	133846	39.596	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	149350	39.842	ng	99
31) Naphthalene	11.04	128	407588	40.072	ng	99
32) Benzoic acid	10.24	122	87775	43.123	ng	94
33) 4-Chloroaniline	11.14	127	179165	39.728	ng	98
34) Hexachlorobutadiene	11.30	225	114093	41.227	ng	97
35) Caprolactam	11.93	113	56470	42.313	ng	94
36) 4-Chloro-3-methylphenol	12.24	107	176479	41.385	ng	98
37) 2-Methylnaphthalene	12.63	142	305241	40.137	ng	100
38) 1-Methylnaphthalene	12.85	142	300535	40.430	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	204918	40.937	ng	98

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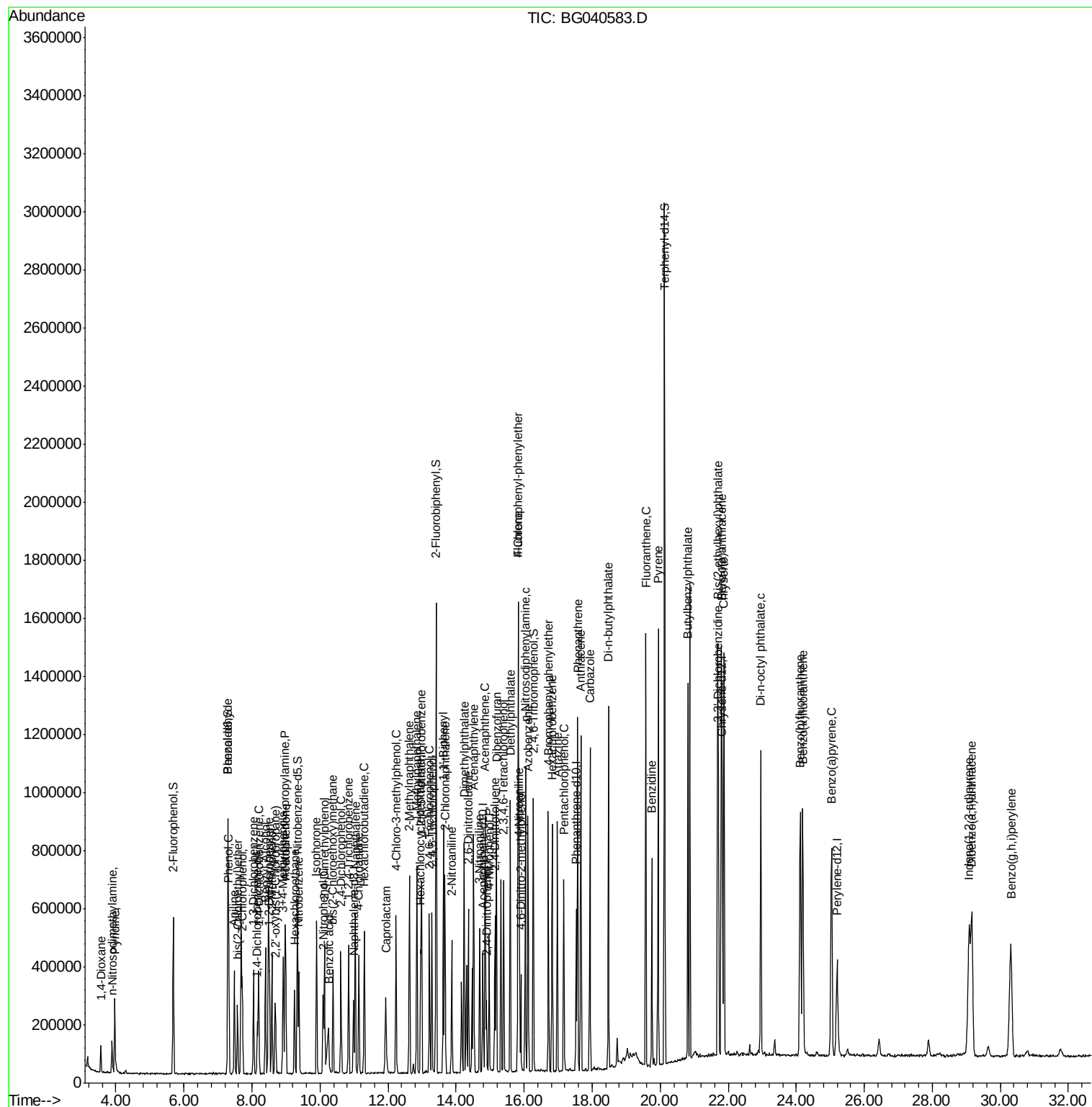
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	113066	38.278	nq	98
43) 2,4,6-Trichlorophenol	13.22	196	125674	41.545	nq	98
44) 2,4,5-Trichlorophenol	13.29	196	135618	41.155	nq	96
46) 1,1'-Biphenyl	13.63	154	423518	40.595	nq	97
47) 2-Chloronaphthalene	13.68	162	333548	40.853	nq	98
48) 2-Nitroaniline	13.88	65	128190	44.108	nq	98
49) Acenaphthylene	14.52	152	563752	40.697	nq	99
50) Dimethylphthalate	14.24	163	452662	40.263	nq	99
51) 2,6-Dinitrotoluene	14.36	165	95520	43.532	nq	95
52) Acenaphthene	14.85	154	343492	42.580	nq	99
53) 3-Nitroaniline	14.69	138	96415	42.885	nq	96
54) 2,4-Dinitrophenol	14.89	184	48882	43.051	nq	88
55) Dibenzofuran	15.19	168	538633	40.765	nq	99
56) 4-Nitrophenol	14.97	139	84649	43.421	nq	94
57) 2,4-Dinitrotoluene	15.14	165	130621	43.809	nq	97
58) Fluorene	15.83	166	435974	40.822	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.40	232	137130	41.345	nq	98
60) Diethylphthalate	15.59	149	486450	41.009	nq	99
61) 4-Chlorophenyl-phenylether	15.82	204	254797	41.021	nq	96
62) 4-Nitroaniline	15.86	138	107939	42.919	nq	95
63) Azobenzene	16.11	77	502225	41.112	nq	99
65) 4,6-Dinitro-2-methylphenol	15.90	198	68678	42.730	nq	95
66) n-Nitrosodiphenylamine	16.04	169	396724	40.453	nq	96
67) 4-Bromophenyl-phenylether	16.72	248	168575	40.592	nq	93
68) Hexachlorobenzene	16.83	284	176749	41.161	nq	99
69) Atrazine	16.98	200	160594	41.331	nq	98
70) Pentachlorophenol	17.17	266	108428	43.151	nq	97
71) Phenanthrene	17.58	178	728347	40.567	nq	99
72) Anthracene	17.67	178	728118	40.345	nq	99
73) Carbazole	17.94	167	665352	40.466	nq	99
74) Di-n-butylphthalate	18.48	149	812222	40.927	nq	99
75) Fluoranthene	19.58	202	917969	41.028	nq	100
77) Benzidine	19.76	184	379621	38.461	nq	98
78) Pyrene	19.94	202	930083	41.166	nq	99
80) Butylbenzylphthalate	20.81	149	353844	40.183	nq	98
81) Benzo(a)anthracene	21.80	228	923887	40.552	nq	99
82) 3,3'-Dichlorobenzidine	21.71	252	326058	40.153	nq	99
83) Chrysene	21.87	228	879846	40.608	nq	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	513481	40.395	nq	99
85) Di-n-octyl phthalate	22.96	149	865560	40.432	nq	98
86) Indeno(1,2,3-cd)pyrene	29.09	276	1043858	39.847	nq	# 92
88) Benzo(b)fluoranthene	24.12	252	895380	40.500	nq	99
89) Benzo(k)fluoranthene	24.19	252	839559	40.663	nq	97
90) Benzo(a)pyrene	25.03	252	855557	40.883	nq	98
91) Dibenzo(a,h)anthracene	29.16	278	848946	40.087	nq	97
92) Benzo(g,h,i)perylene	30.32	276	842991	39.997	nq	96

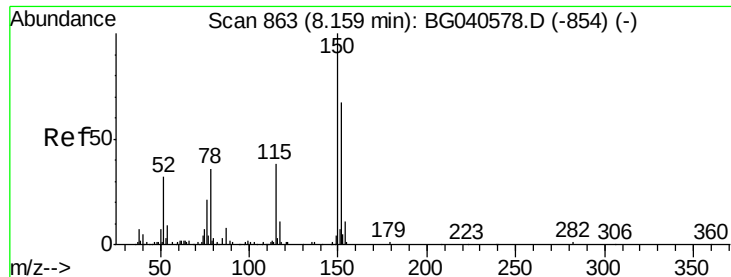
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Instrument :

BNA_G

ClientSampleId :

ICVBG042319

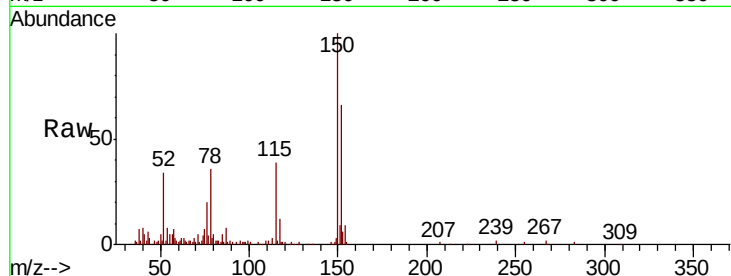
Tot Ion:152 Resp: 41473

Ion Ratio Lower Upper

152 100

150 152.7 120.2 180.2

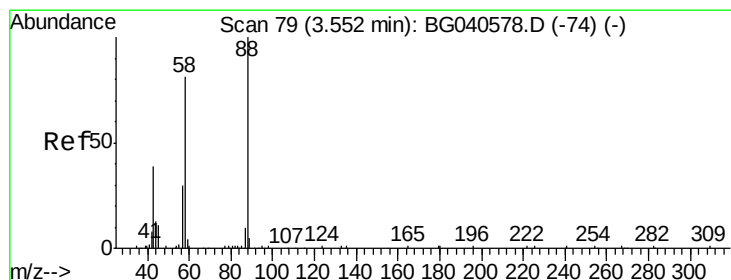
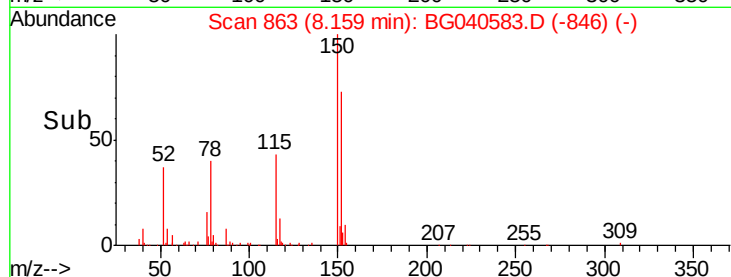
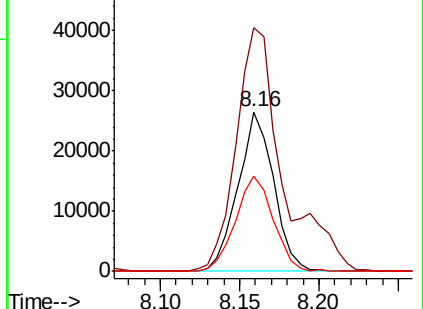
115 59.7 46.2 69.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.759 ng

RT: 3.56 min Scan# 80

Delta R.T. 0.01 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

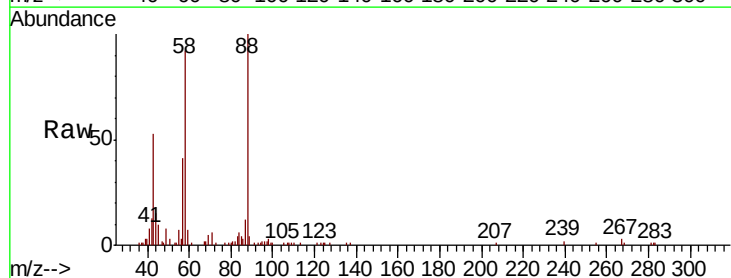
Tgt Ion: 88 Resp: 44681

Ion Ratio Lower Upper

88 100

58 85.3 71.2 106.8

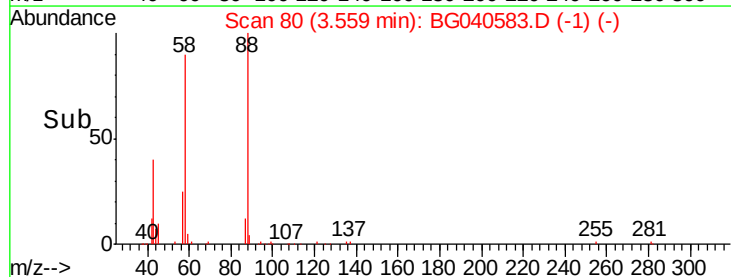
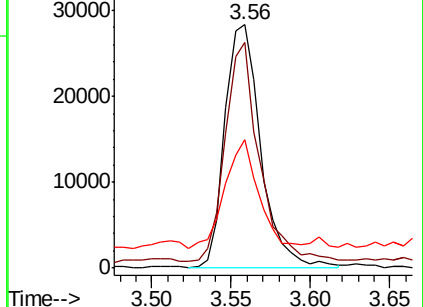
43 41.4 35.6 53.4

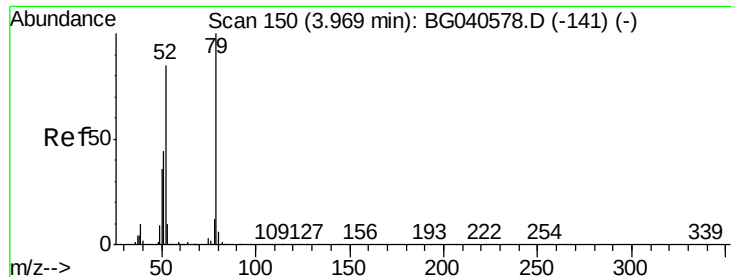


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.947 ng

RT: 3.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Instrument :

BNA_G

ClientSampleId :

ICVBG042319

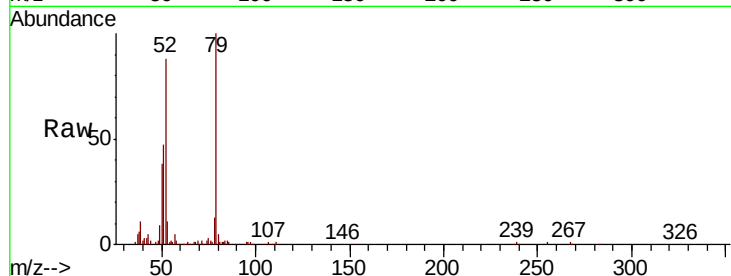
Tot Ion: 79 Resp: 130093

Ion Ratio Lower Upper

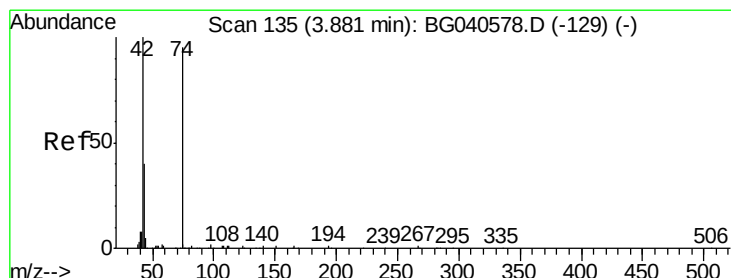
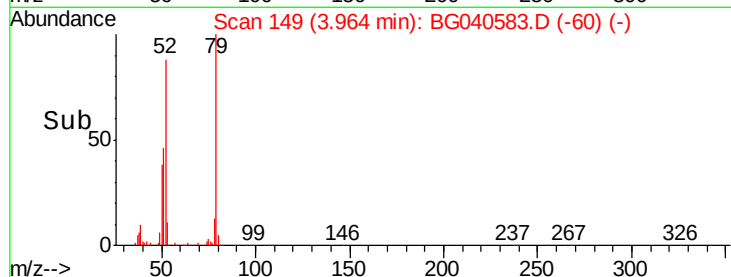
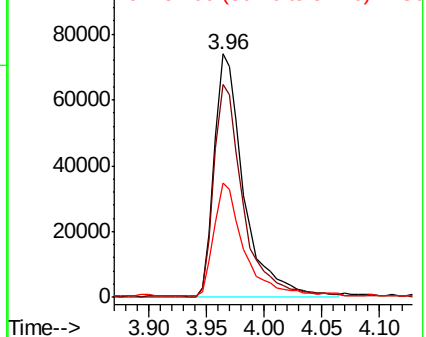
79 100

52 87.6 67.5 101.3

51 47.0 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: 42.699 ng

RT: 3.89 min Scan# 136

Delta R.T. 0.01 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

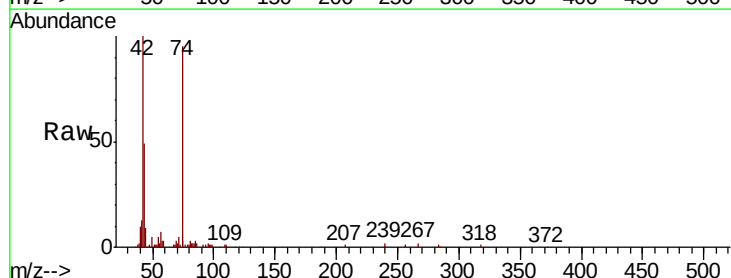
Tgt Ion: 42 Resp: 73452

Ion Ratio Lower Upper

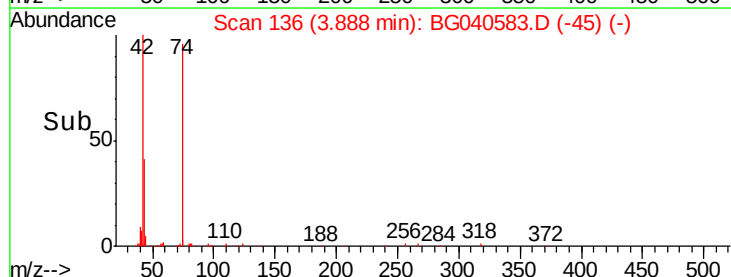
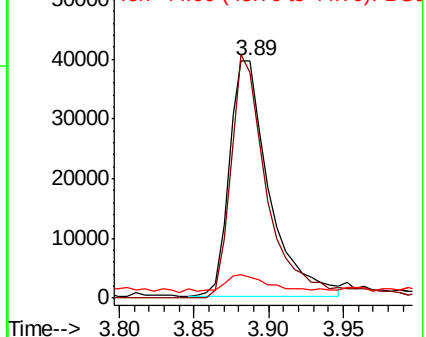
42 100

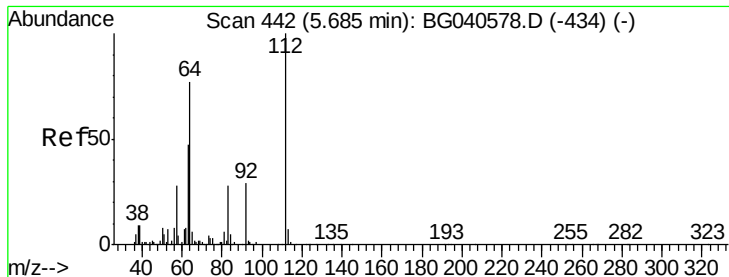
74 94.9 74.6 111.8

44 8.8 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: 83.103 ng

RT: 5.69 min Scan# 442

Delta R.T. 0.00 min

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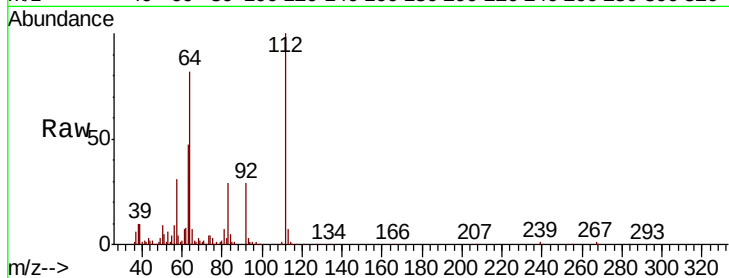
Tot Ion:112 Resp: 195518

Ion Ratio Lower Upper

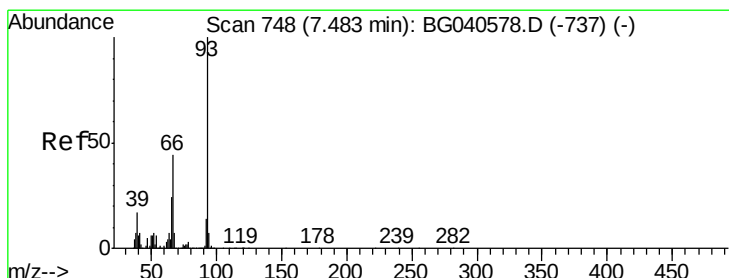
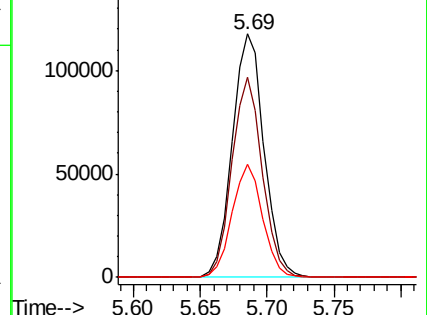
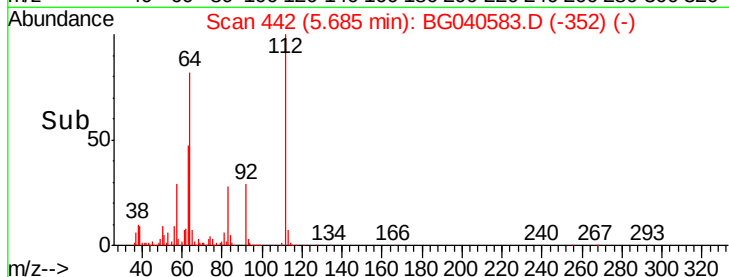
112 100

64 82.1 61.4 92.0

63 46.7 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: 41.460 ng

RT: 7.48 min Scan# 748

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

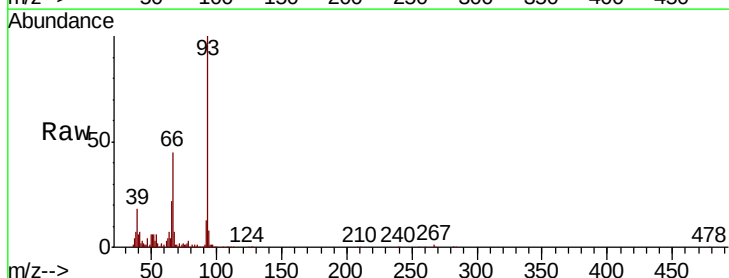
Tgt Ion: 93 Resp: 199072

Ion Ratio Lower Upper

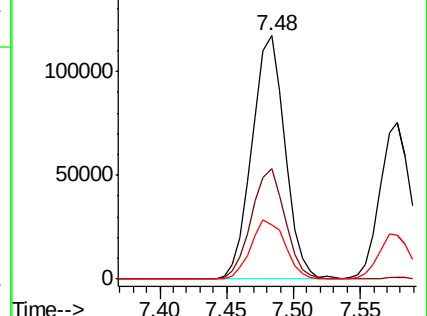
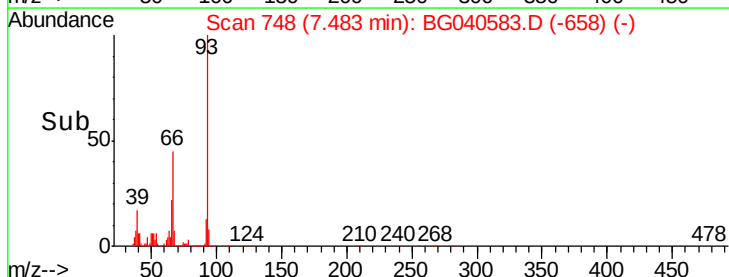
93 100

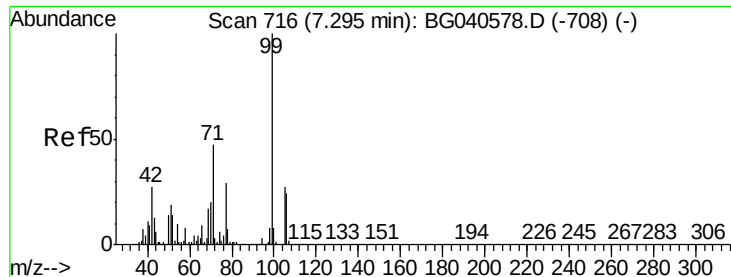
66 45.4 35.5 53.3

65 22.4 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: 84.127 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Instrument :

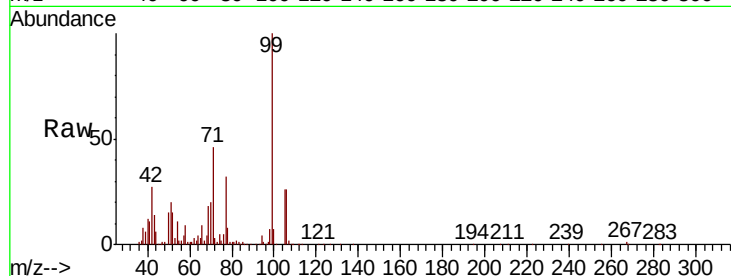
BNA_G

ClientSampleId :

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Tot Ion: 99 Resp: 304753

Ion	Ratio	Lower	Upper
99	100		
42	27.1	21.8	32.8
71	46.1	38.6	57.8

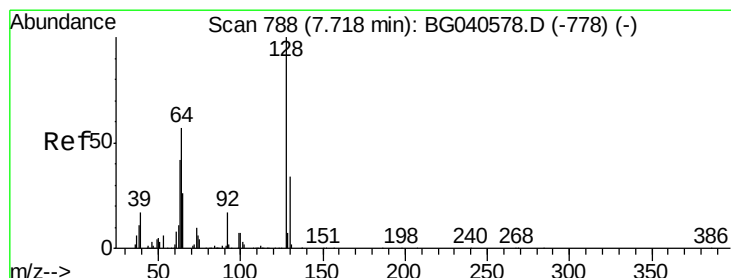
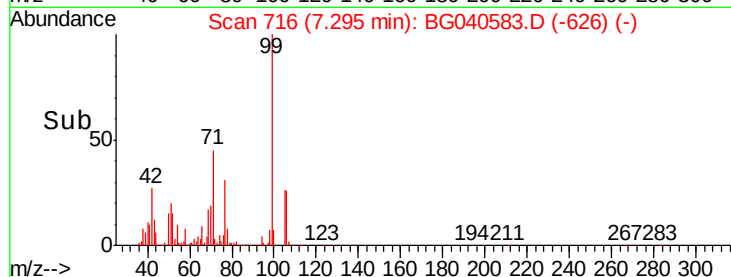
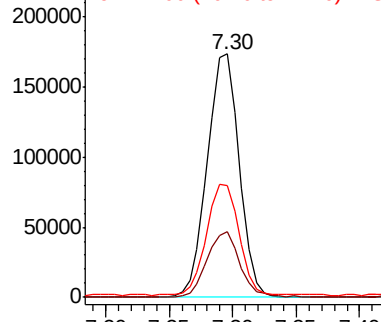


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.593 ng

RT: 7.72 min Scan# 788

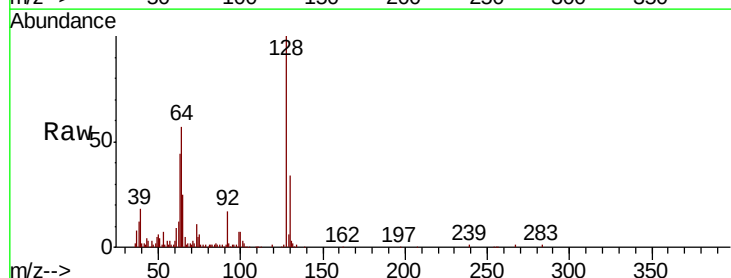
Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Tgt Ion: 128 Resp: 119487

Ion	Ratio	Lower	Upper
128	100		
130	34.1	14.5	54.5
64	57.1	38.4	78.4

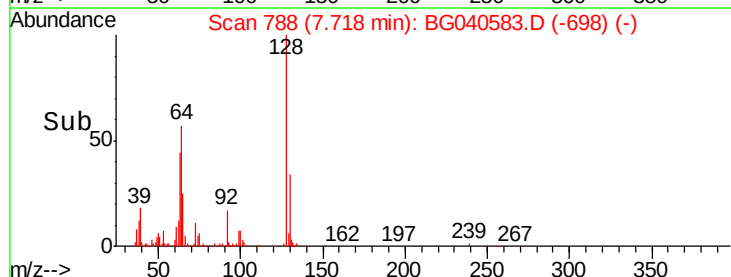
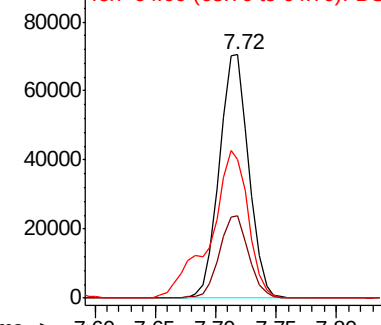


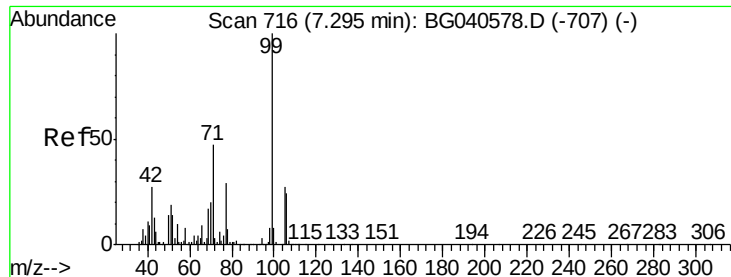
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 45.206 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

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Acq: 23 Apr 2019 22:36

Instrument :

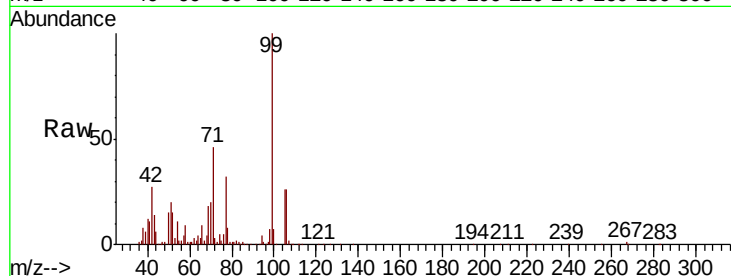
BNA_G

ClientSampleId :

ICVBG042319

Tot Ion: 77 Resp: 94796

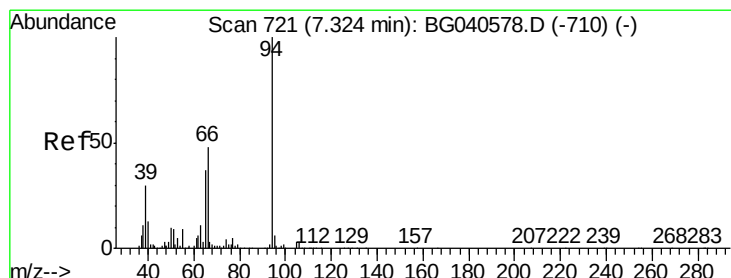
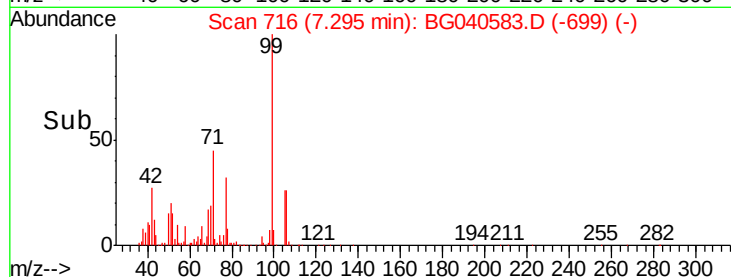
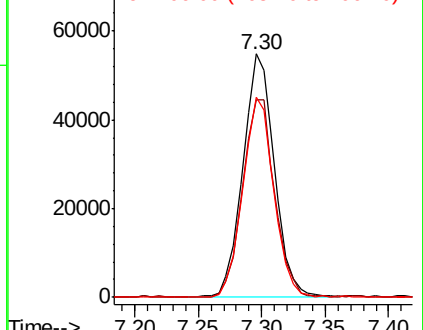
Ion	Ratio	Lower	Upper
77	100		
105	81.1	72.0	112.0
106	82.4	61.2	101.2



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: 41.318 ng

RT: 7.32 min Scan# 720

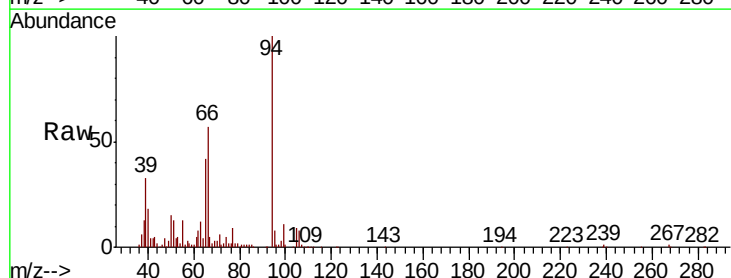
Delta R.T. -0.01 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Tgt Ion: 94 Resp: 160893

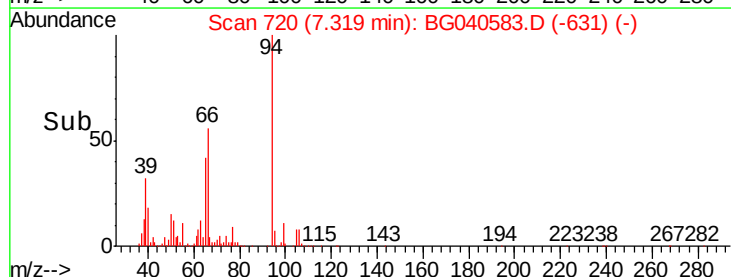
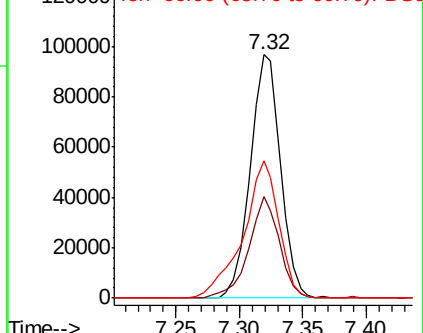
Ion	Ratio	Lower	Upper
94	100		
65	41.9	17.0	57.0
66	56.6	28.6	68.6

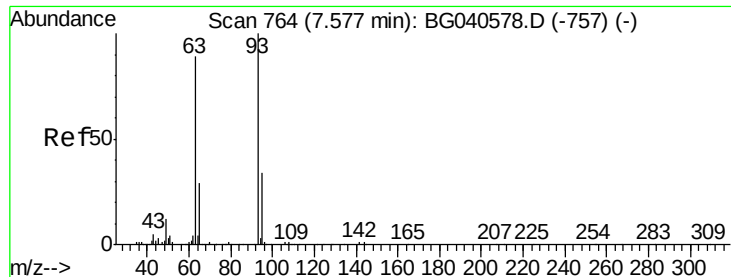


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 40.486 ng

RT: 7.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Instrument :

BNA_G

ClientSampleId :

ICVBG042319

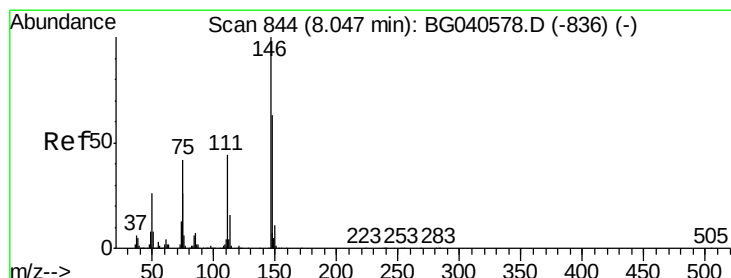
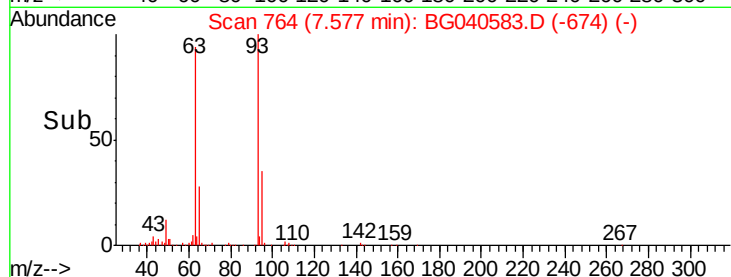
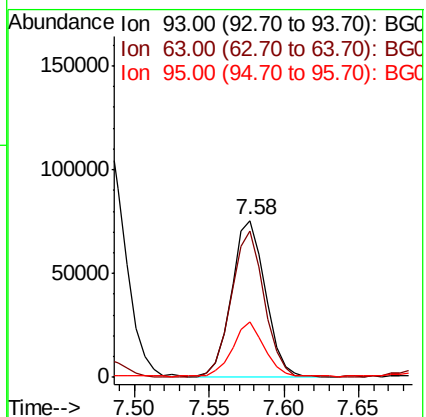
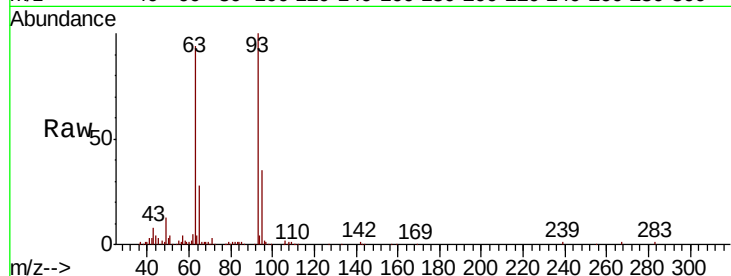
Tot Ion: 93 Resp: 118223

Ion Ratio Lower Upper

93 100

63 93.8 68.2 108.2

95 35.4 14.3 54.3



#12

1,3-Dichlorobenzene

Concen: 41.856 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

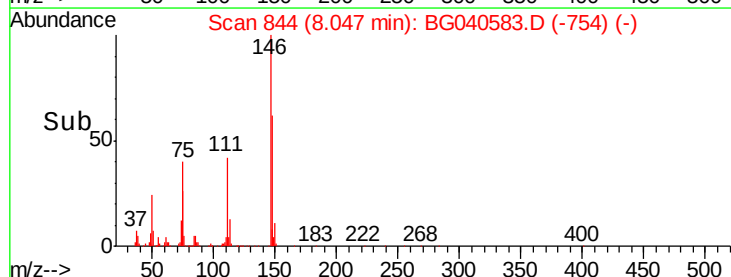
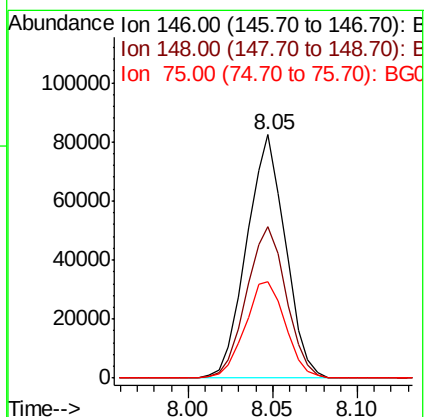
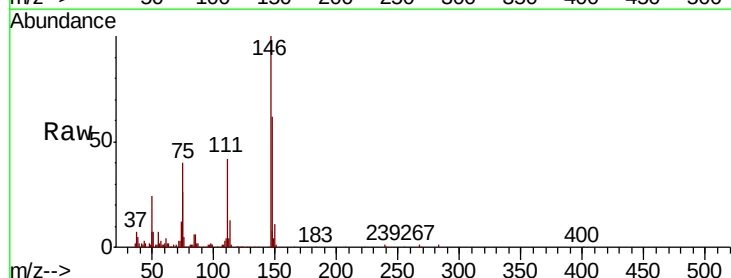
Tgt Ion: 146 Resp: 131242

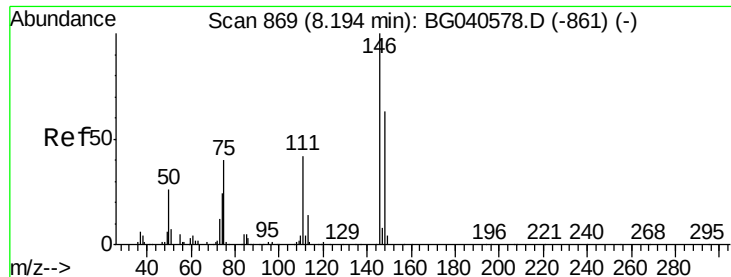
Ion Ratio Lower Upper

146 100

148 62.4 50.7 76.1

75 39.6 33.4 50.2

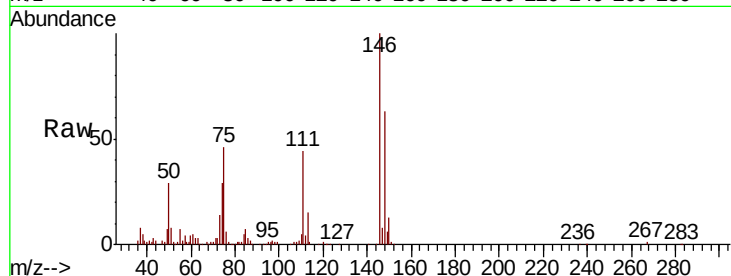




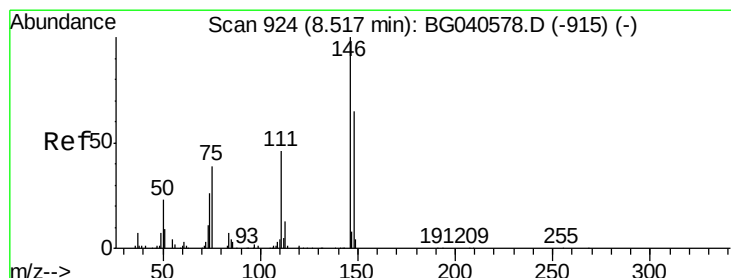
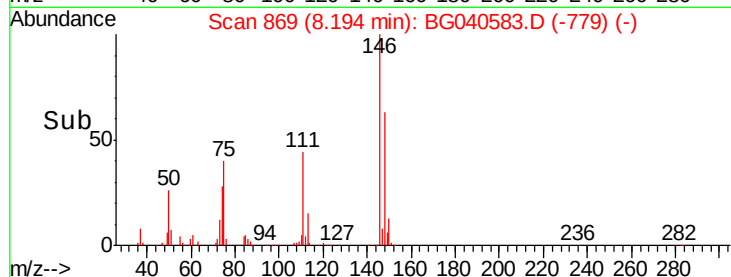
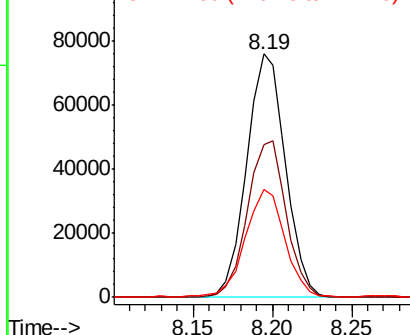
#13
 1,4-Dichlorobenzene
 Concen: 40.559 ng
 RT: 8.19 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BG040583.D
 Acq: 23 Apr 2019 22:36

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG042319

Tot Ion:146 Resp: 128924
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.6 75.8
 111 44.3 34.3 51.5

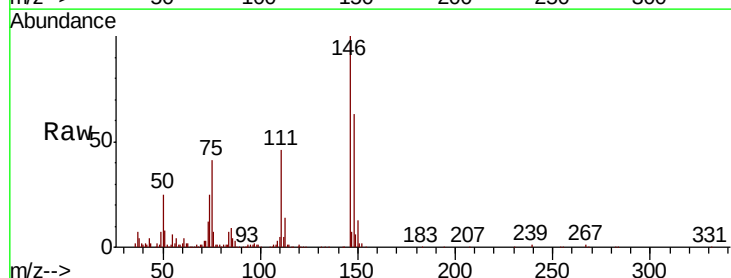


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

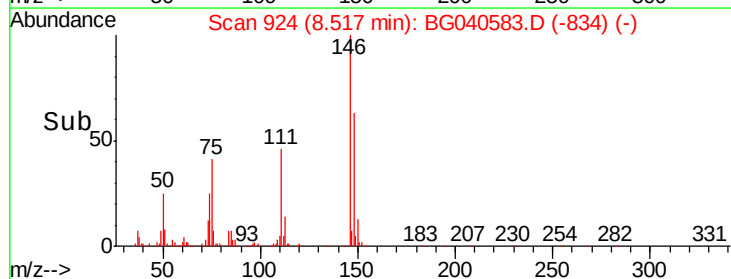
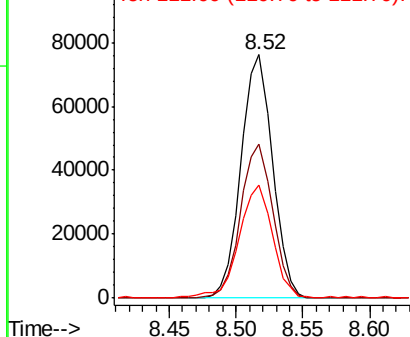


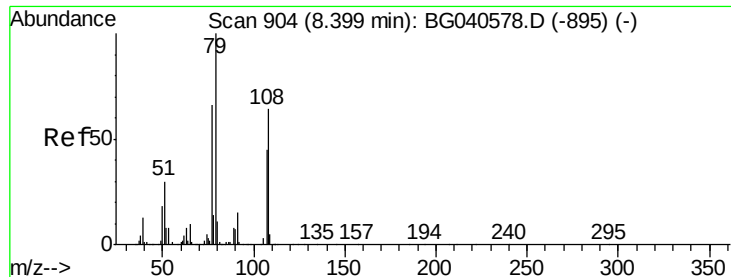
#14
 1,2-Dichlorobenzene
 Concen: 40.674 ng
 RT: 8.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BG040583.D
 Acq: 23 Apr 2019 22:36

Tgt Ion:146 Resp: 124683
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.2 78.4
 111 46.3 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: 42.381 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Instrument :

BNA_G

ClientSampleId :

ICVBG042319

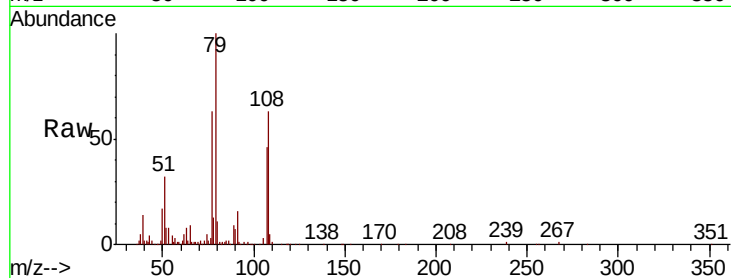
Tot Ion: 79 Resp: 159744

Ion Ratio Lower Upper

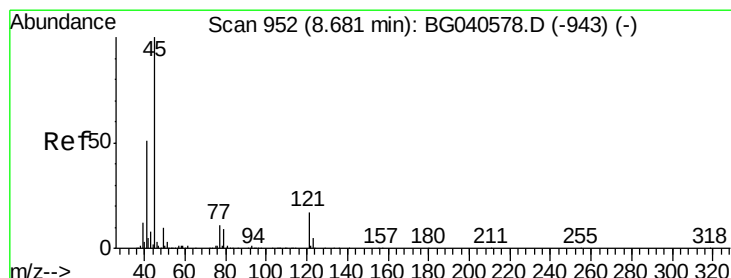
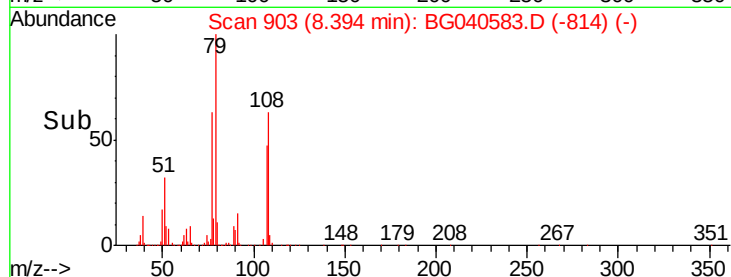
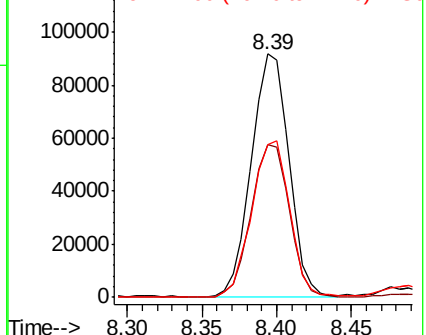
79 100

108 62.9 51.4 77.0

77 63.0 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: 40.627 ng

RT: 8.68 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

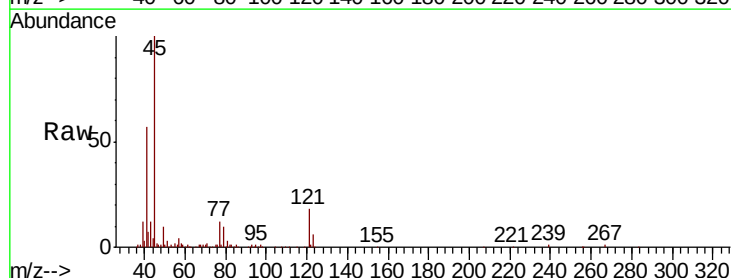
Tgt Ion: 45 Resp: 236190

Ion Ratio Lower Upper

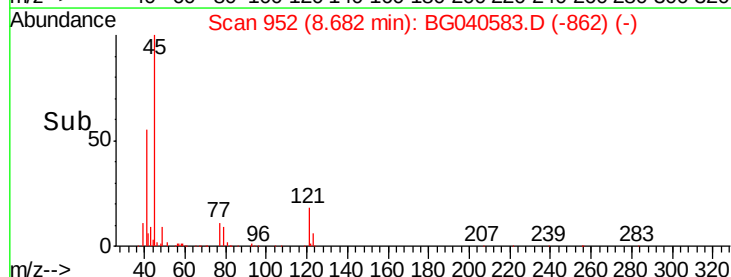
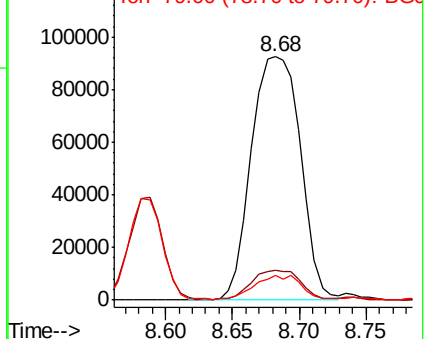
45 100

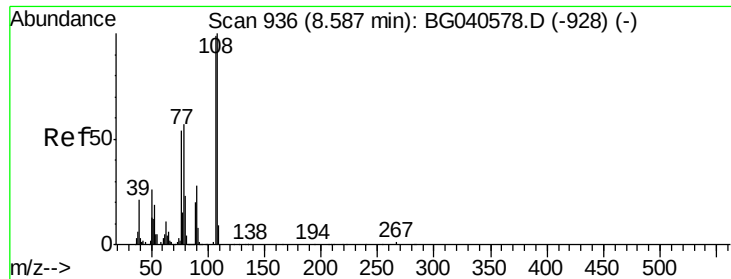
77 12.3 0.0 31.5

79 10.3 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

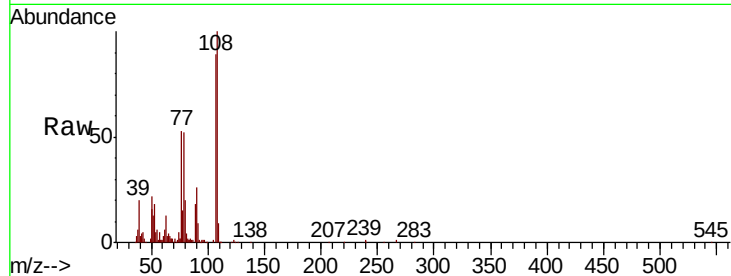




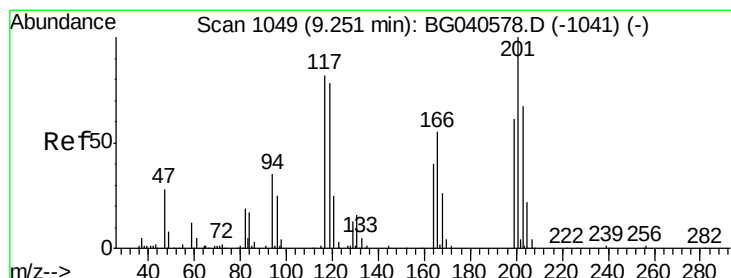
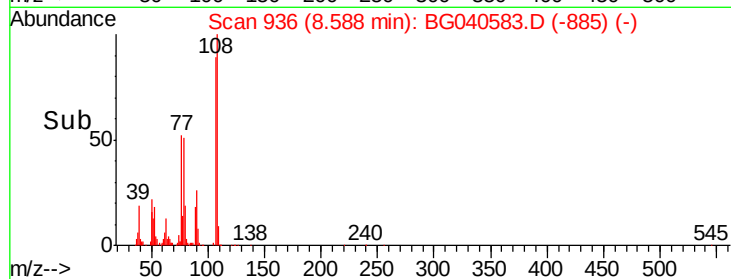
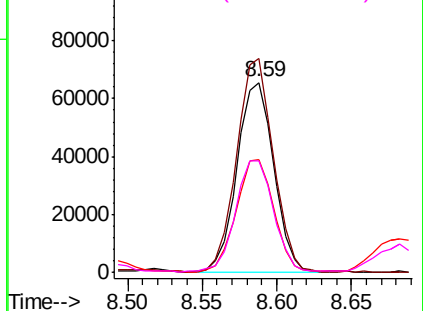
#17
2-Methylphenol
Concen: 40.538 ng
RT: 8.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

Instrument :
BNA_G
ClientSampled :
ICVBG042319

Tot Ion:	107	Resp:	111714
Ion	Ratio	Lower	Upper
107	100		
108	112.4	81.2	121.8
77	59.3	44.4	66.6
79	58.3	47.0	70.4

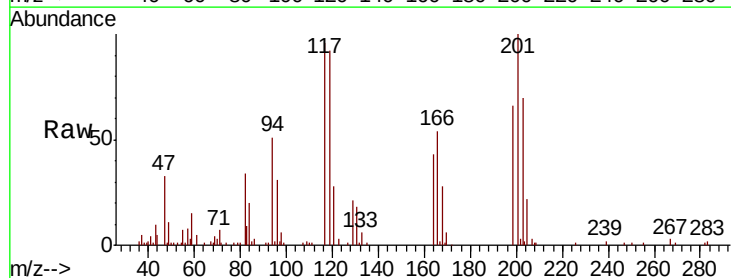


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

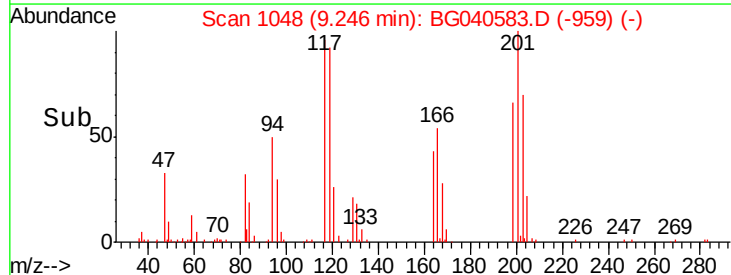
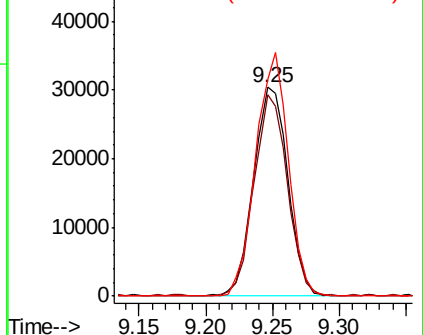


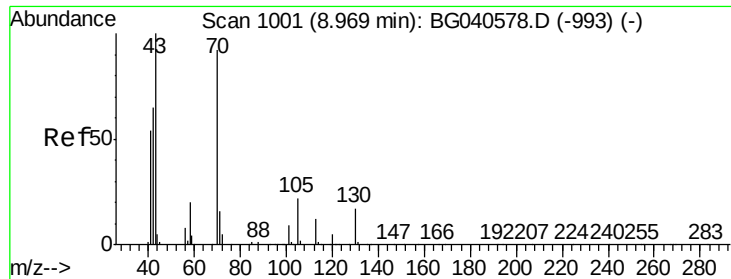
#18
Hexachloroethane
Concen: 41.470 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

Tgt Ion:	117	Resp:	54073
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.6	114.8
201	107.8	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

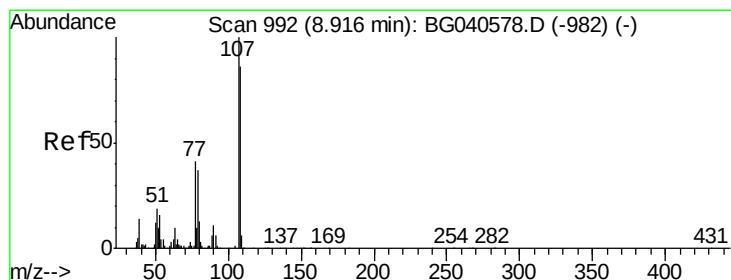
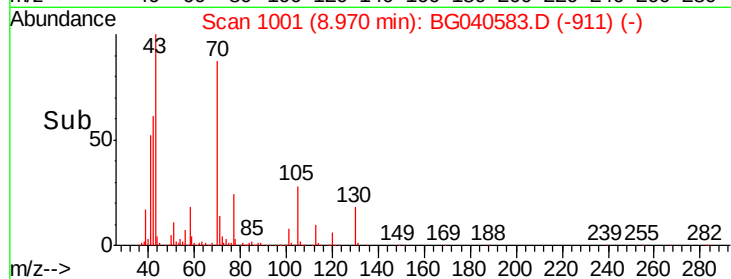
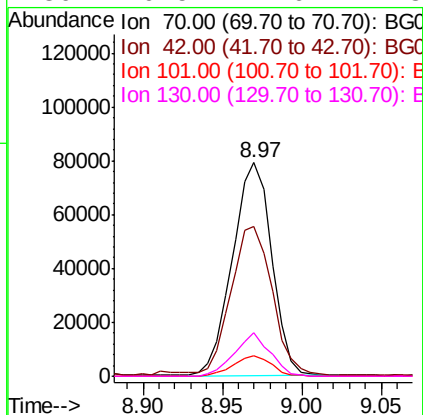
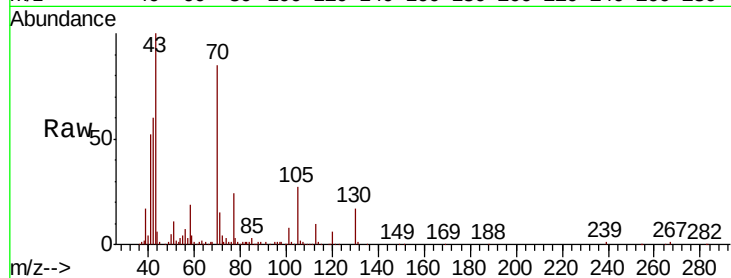




#19
n-Nitroso-di-n-propylamine
Concen: 41.754 ng
RT: 8.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

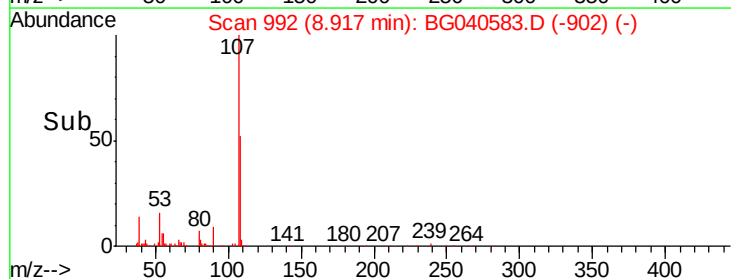
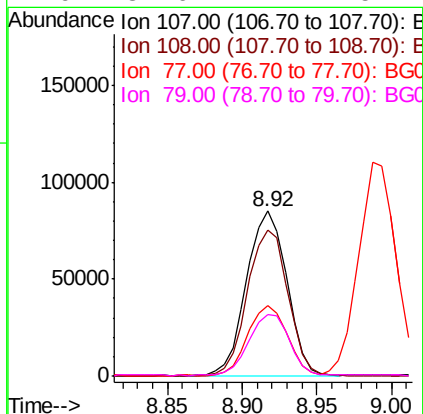
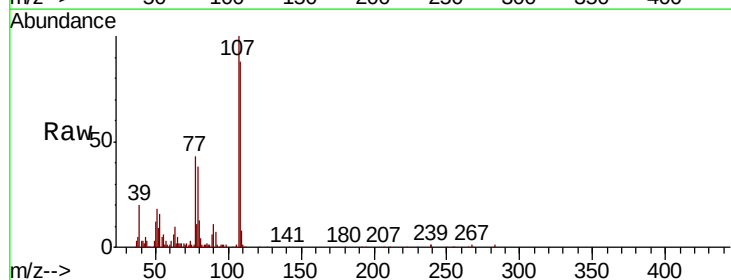
Instrument :
BNA_G
ClientSampleId :
ICVBG042319

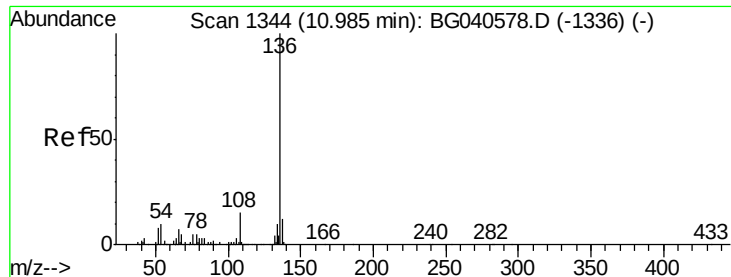
Tot Ion:	70	Resp:	136155
Ion	Ratio	Lower	Upper
70	100		
42	70.2	57.1	85.7
101	9.4	7.8	11.8
130	20.5	14.6	21.8



#20
3+4-Methylphenols
Concen: 41.327 ng
RT: 8.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

Tgt Ion:	107	Resp:	158654
Ion	Ratio	Lower	Upper
107	100		
108	88.4	66.1	106.1
77	43.0	21.6	61.6
79	37.6	17.4	57.4

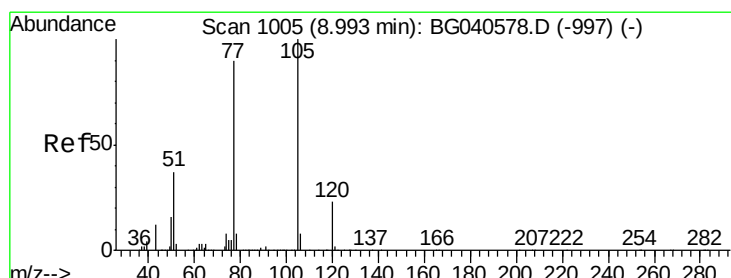
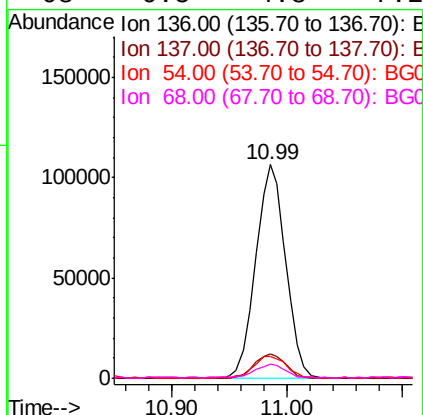
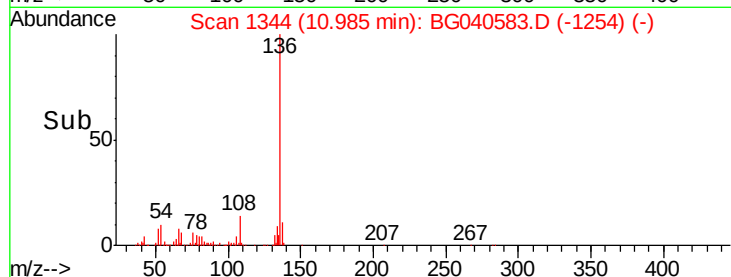
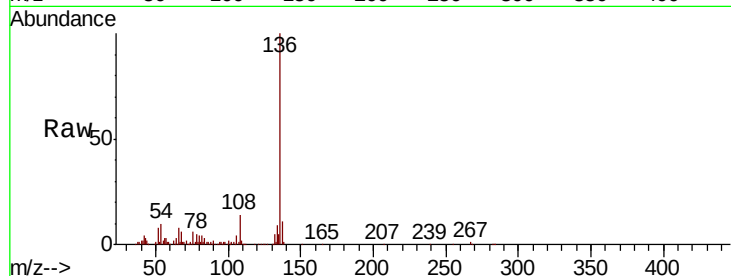




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

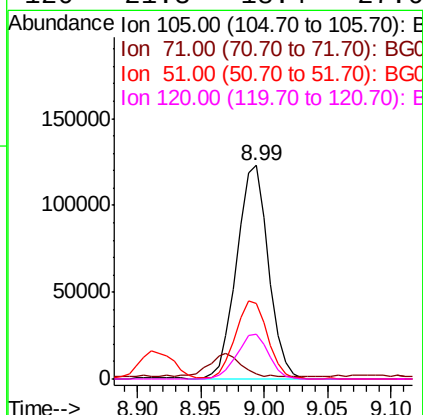
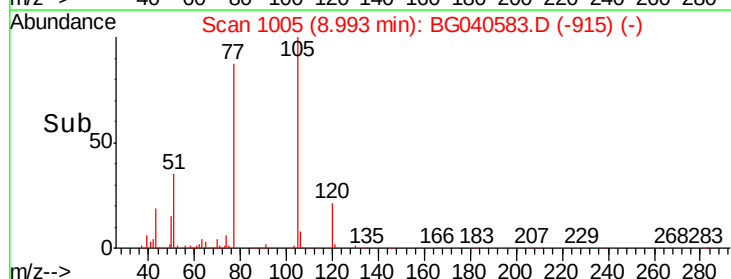
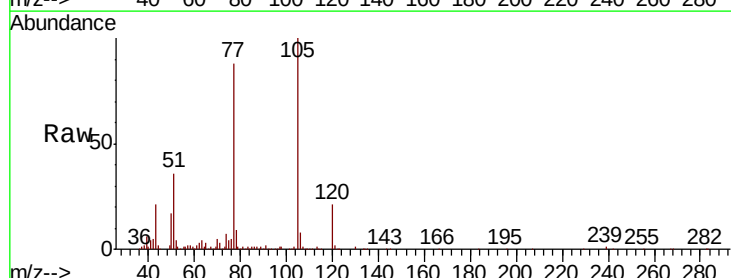
Instrument :
BNA_G
ClientSampleId :
ICVBG042319

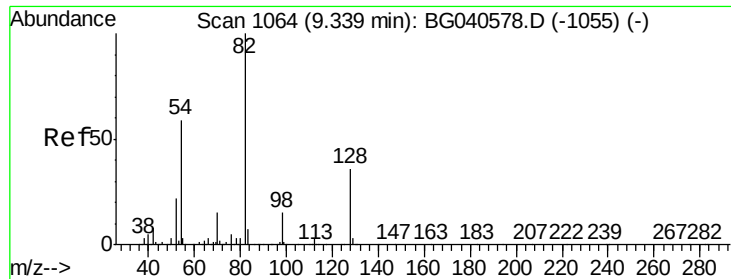
Tot Ion:136	Resp:	191456
Ion Ratio	Lower	Upper
136 100		
137 11.2	9.7	14.5
54 10.3	8.6	12.8
68 6.5	4.8	7.2



#22
Acetophenone
Concen: 39.962 ng
RT: 8.99 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

Tgt	Ion:105	Resp:	212752
Ion	Ratio	Lower	Upper
105	100		
71	2.7	1.8	2.8
51	35.5	29.8	44.8
120	21.3	18.4	27.6

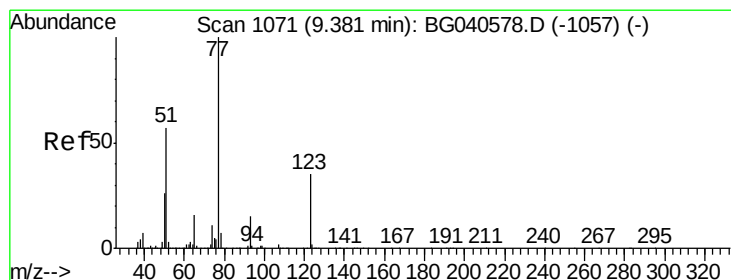
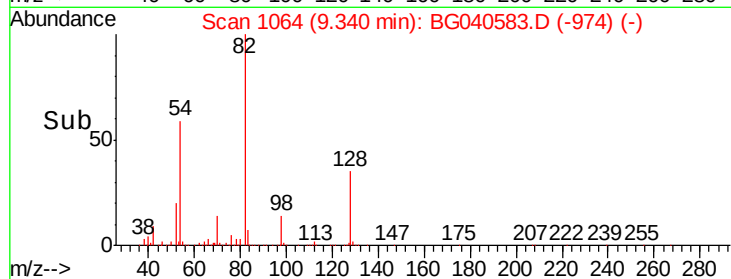
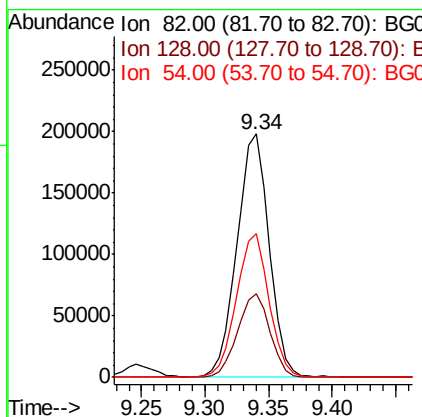
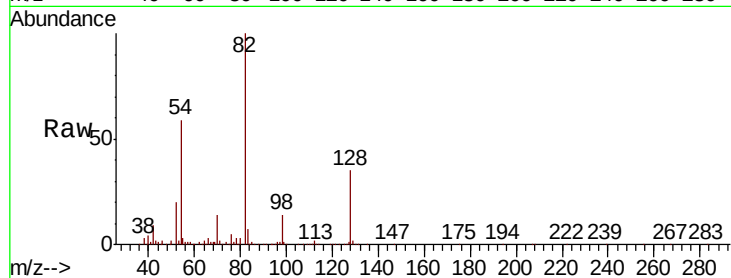




#23
 Nitrobenzene-d5
 Concen: 83.829 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BG040583.D
 Acq: 23 Apr 2019 22:36

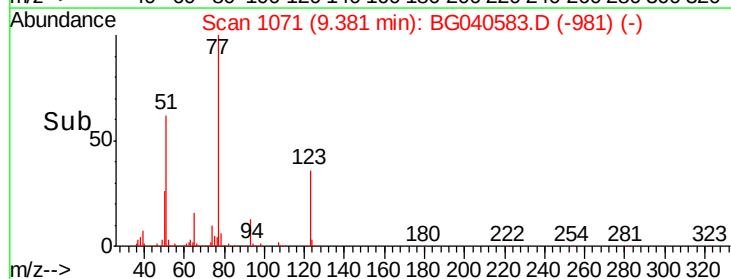
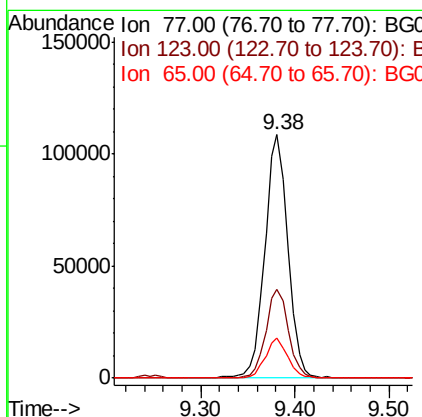
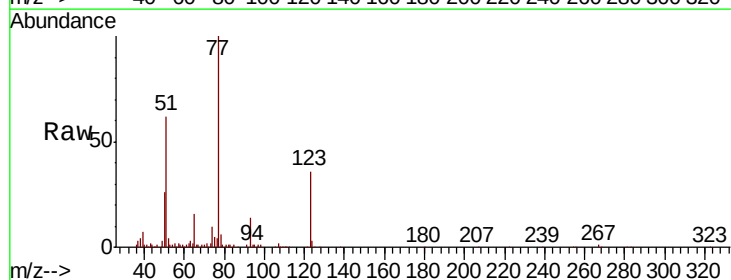
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG042319

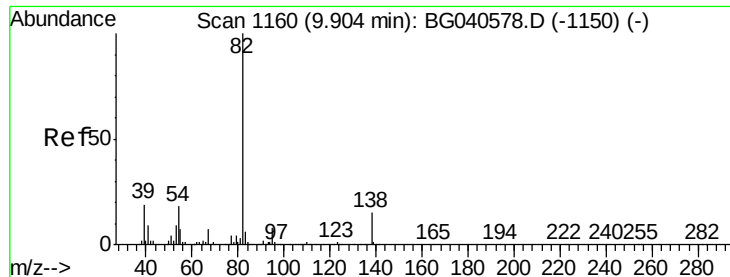
Tot Ion	82	Resp	347346
Ion Ratio	Lower	Upper	
82	100		
128	34.6	28.9	43.3
54	59.3	47.2	70.8



#24
 Nitrobenzene
 Concen: 41.616 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: BG040583.D
 Acq: 23 Apr 2019 22:36

Tgt Ion	77	Resp	183979
Ion Ratio	Lower	Upper	
77	100		
123	36.2	27.8	41.6
65	16.4	12.4	18.6





#25

Isophorone

Concen: 39.989 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Instrument :

BNA_G

ClientSampleId :

ICVBG042319

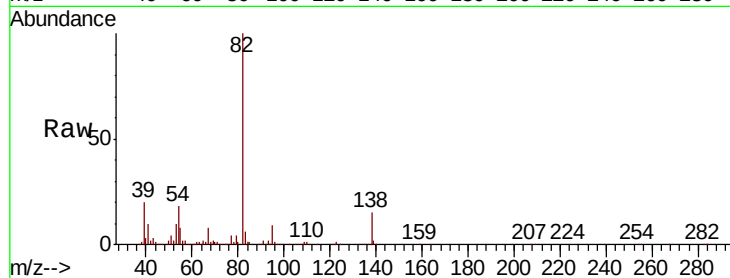
Tot Ion: 82 Resp: 369081

Ion Ratio Lower Upper

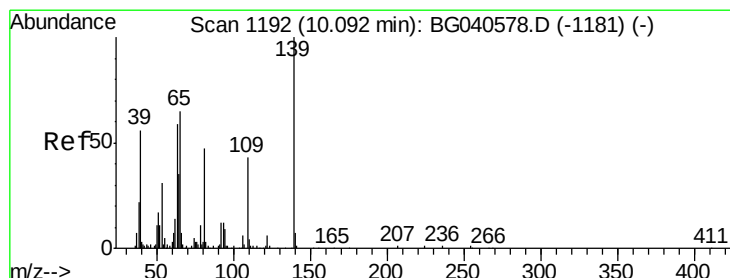
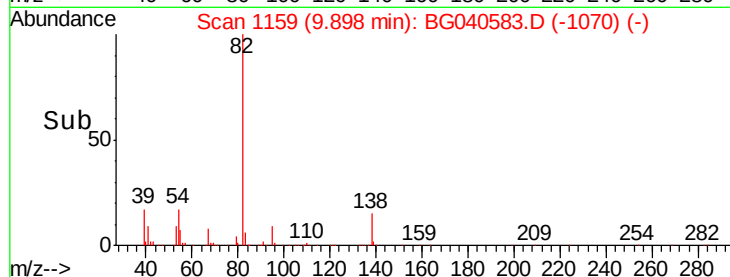
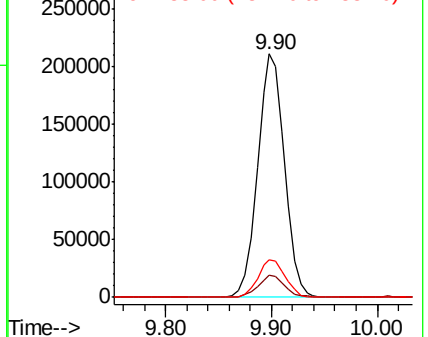
82 100

95 8.9 6.9 10.3

138 15.2 12.3 18.5



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



#26

2-Nitrophenol

Concen: 43.712 ng

RT: 10.09 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

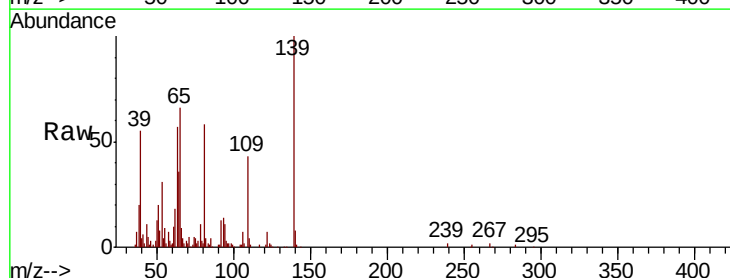
Tgt Ion: 139 Resp: 69271

Ion Ratio Lower Upper

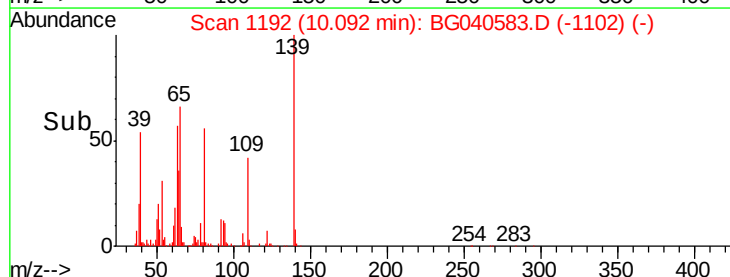
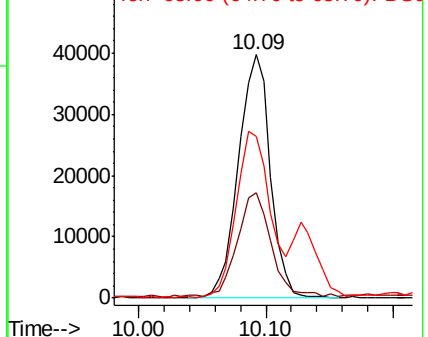
139 100

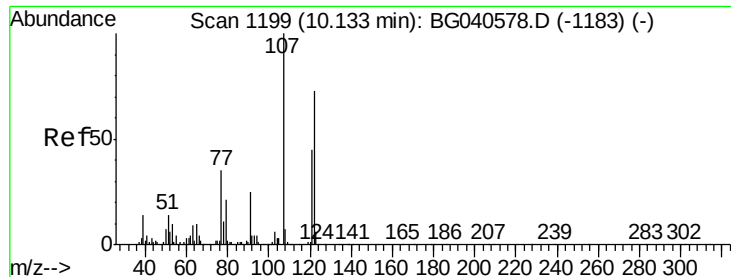
109 43.1 35.6 53.4

65 66.3 52.3 78.5



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





#27

2,4-Dimethylphenol

Concen: 40.303 ng

RT: 10.13 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Instrument :

BNA_G

ClientSampleId :

ICVBG042319

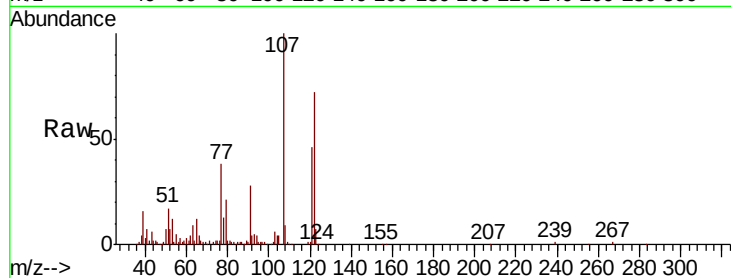
Tot Ion:122 Resp: 119835

Ion Ratio Lower Upper

122 100

107 139.2 110.1 165.1

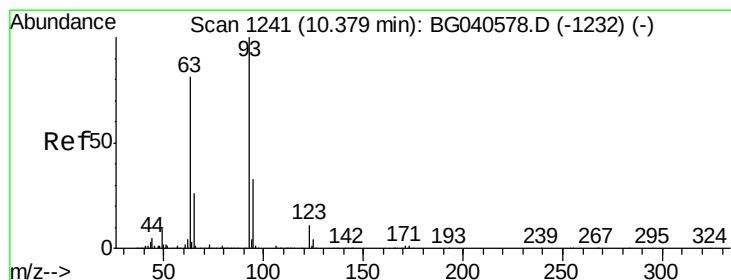
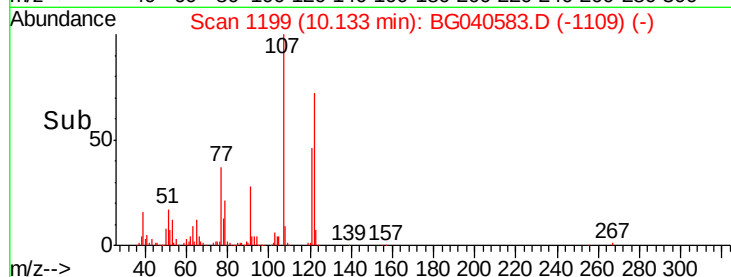
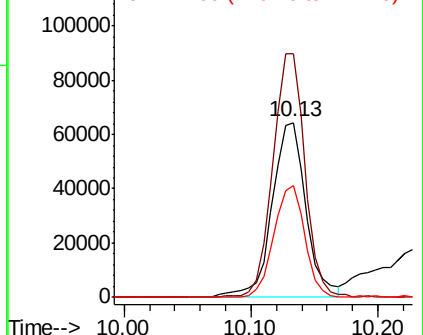
121 64.2 49.4 74.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.848 ng

RT: 10.38 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

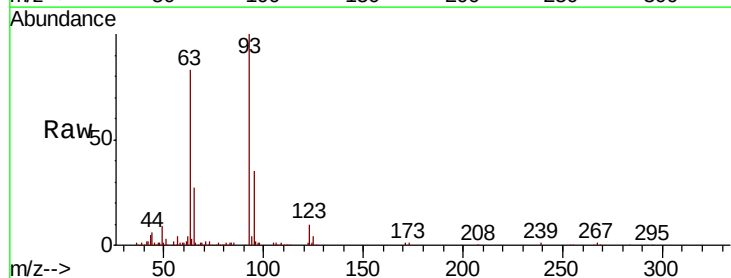
Tgt Ion: 93 Resp: 184525

Ion Ratio Lower Upper

93 100

95 34.9 26.6 40.0

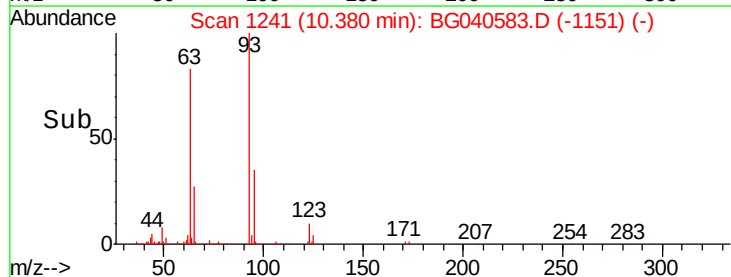
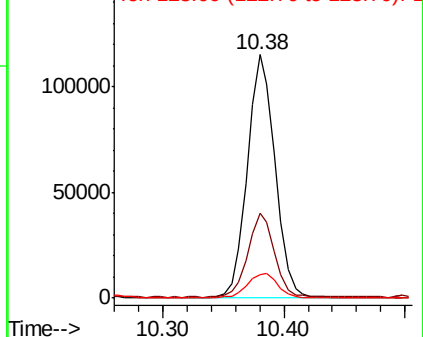
123 9.7 9.0 13.4

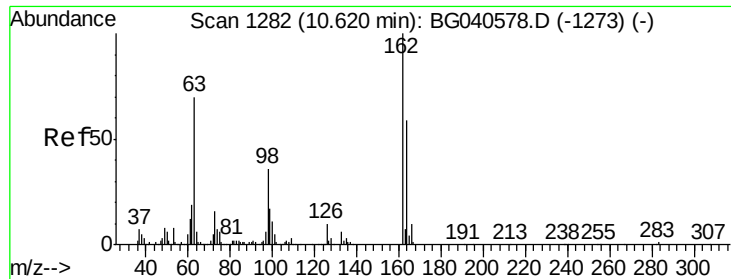


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

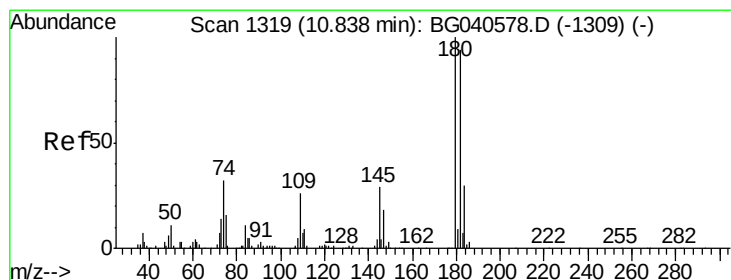
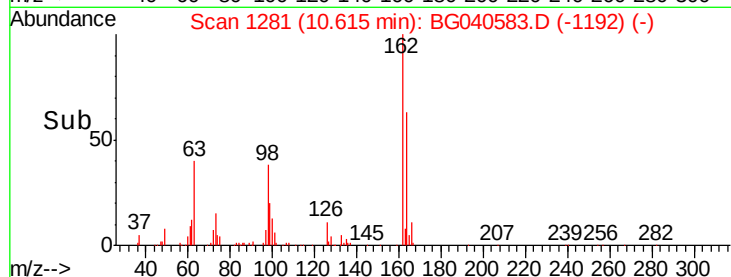
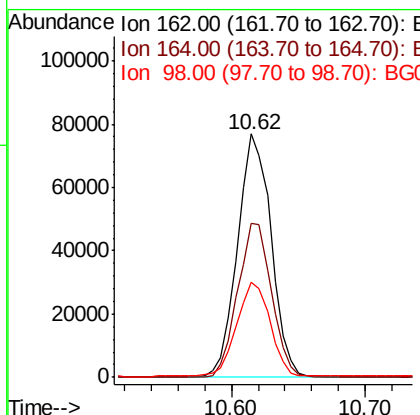
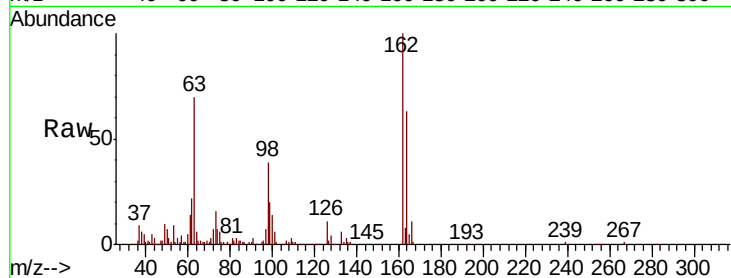




#29
 2,4-Dichlorophenol
 Concen: 39.596 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG040583.D
 Acq: 23 Apr 2019 22:36

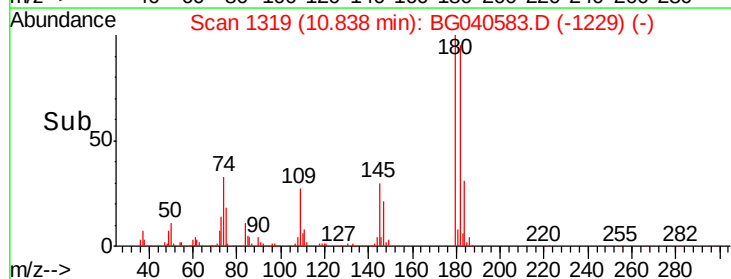
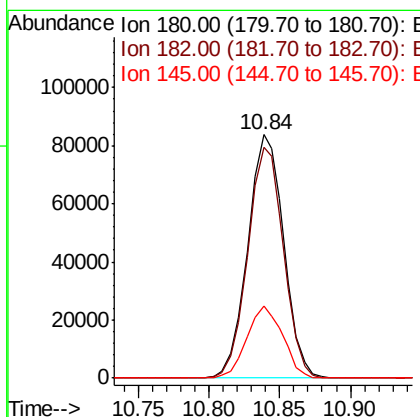
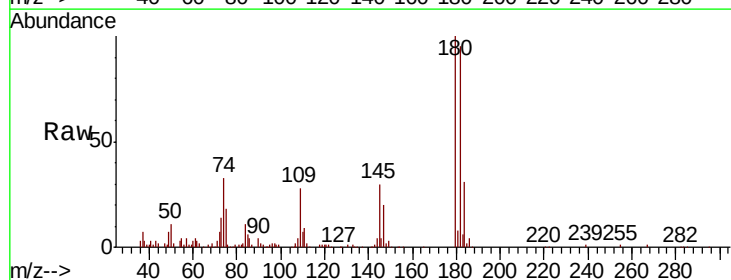
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG042319

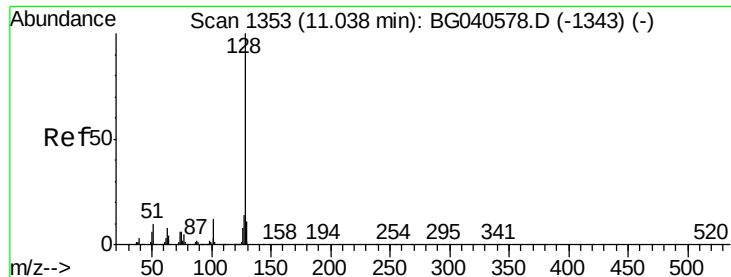
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	38.9	78.9
98	39.2	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 39.842 ng
 RT: 10.84 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BG040583.D
 Acq: 23 Apr 2019 22:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.2	112.8
145	29.8	23.6	35.4

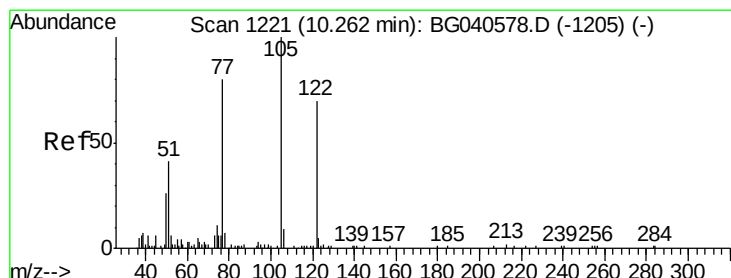
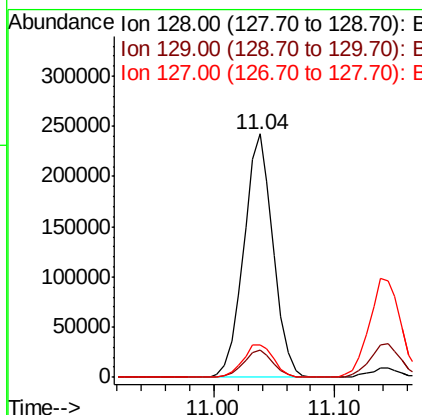
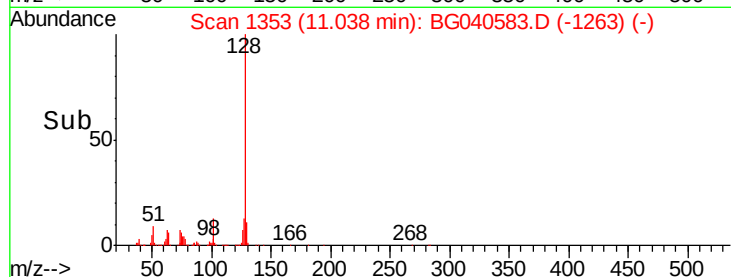
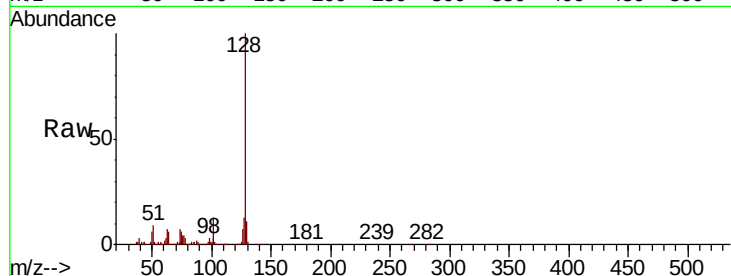




#31
Naphthalene
Concen: 40.072 ng
RT: 11.04 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

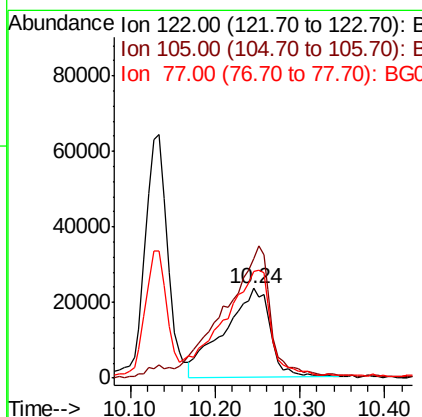
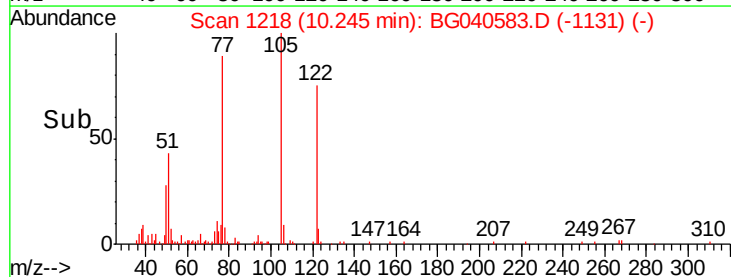
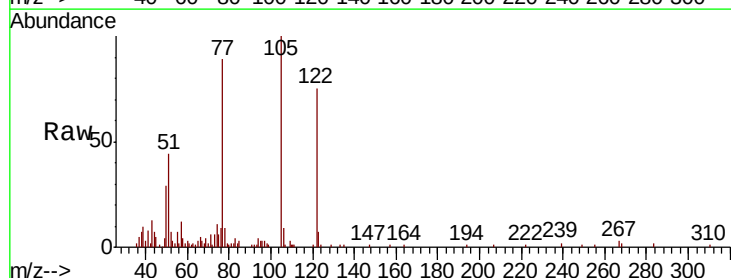
Instrument :
BNA_G
ClientSampleId :
ICVBG042319

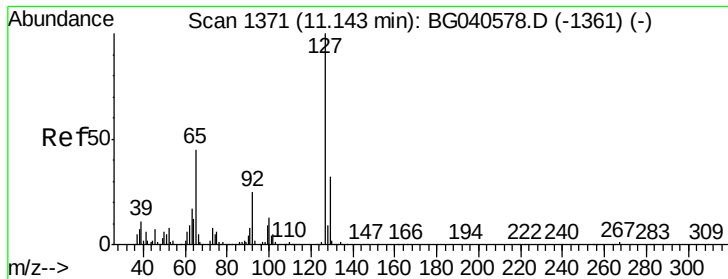
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.3	11.3	16.9



#32
Benzoic acid
Concen: 43.123 ng
RT: 10.24 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.1	110.9	150.9
77	118.9	87.6	127.6

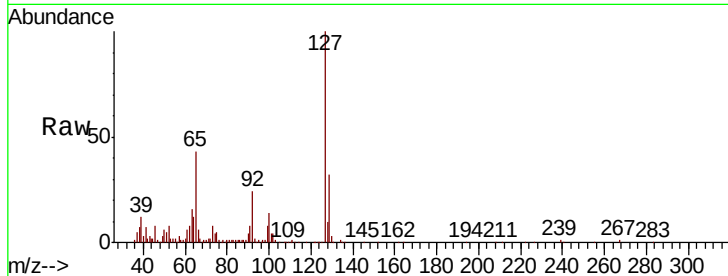




#33
4-Chloroaniline
Concen: 39.728 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

Instrument :
BNA_G
ClientSampleId :
ICVBG042319

Tot Ion:127	Resp:	179165	
Ion Ratio	Lower	Upper	
127 100			
129 32.1	25.7	38.5	
65 42.8	36.1	54.1	
92 23.6	20.1	30.1	



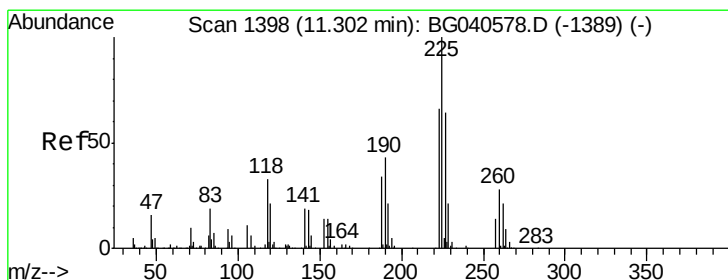
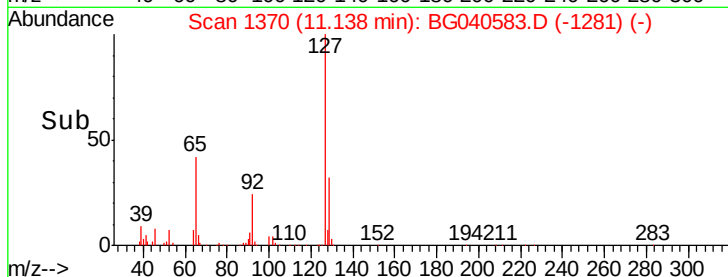
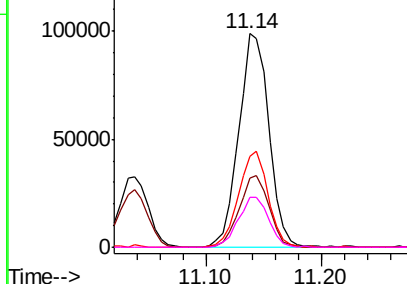
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

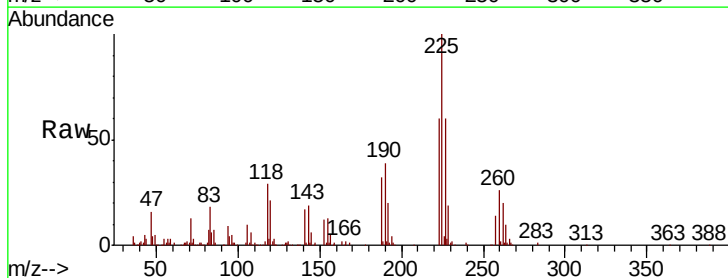
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 41.227 ng
RT: 11.30 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

Tgt Ion	225	Resp:	114093
Ion	Ratio	Lower	Upper
225	100		
223	59.6	50.4	75.6
227	62.8	51.0	76.6

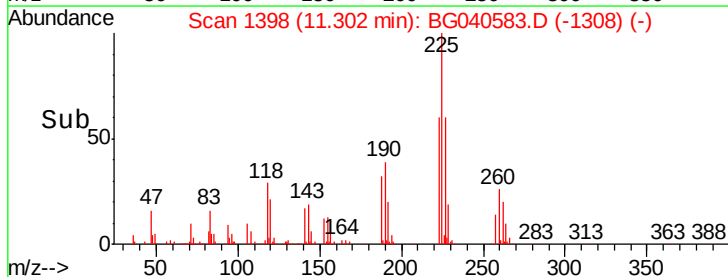
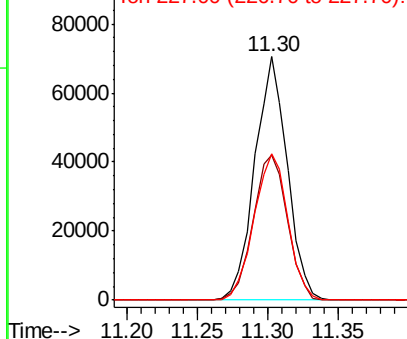


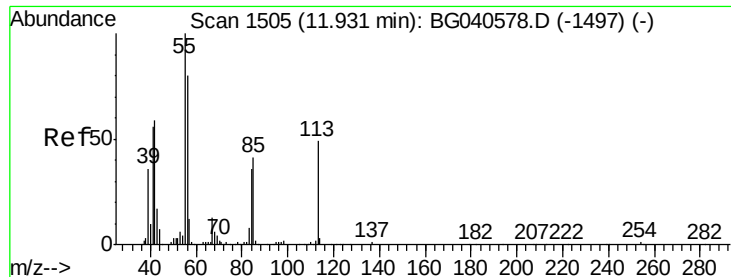
Abundance

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: 42.313 ng

RT: 11.93 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Instrument :

BNA_G

ClientSampleId :

ICVBG042319

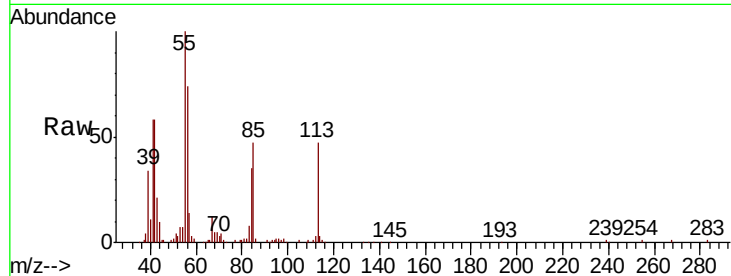
Tot Ion:113 Resp: 56470

Ion Ratio Lower Upper

113 100

55 211.4 198.6 238.6

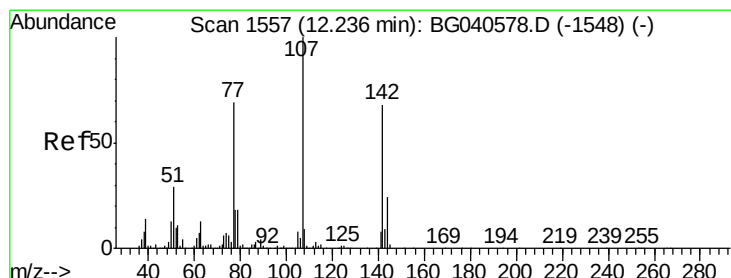
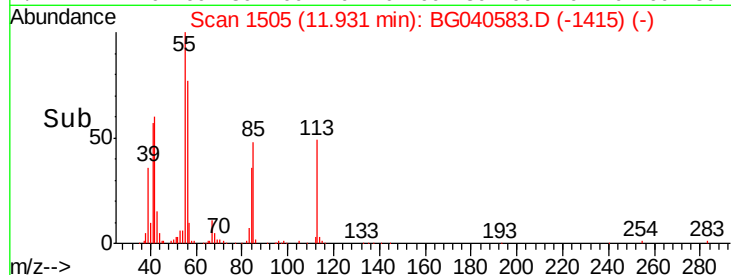
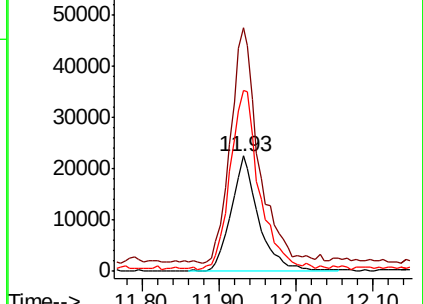
56 156.5 148.4 188.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 41.385 ng

RT: 12.24 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

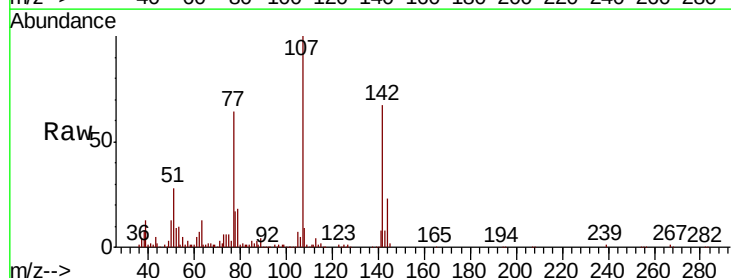
Tgt Ion:107 Resp: 176479

Ion Ratio Lower Upper

107 100

144 22.7 19.3 28.9

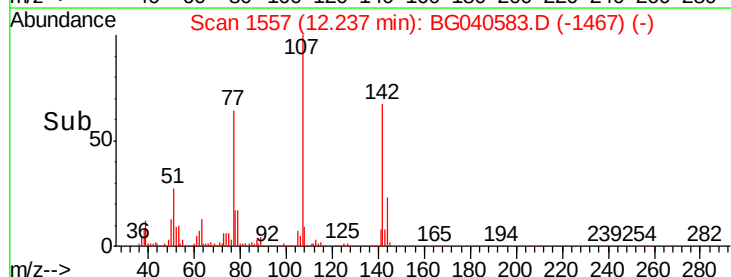
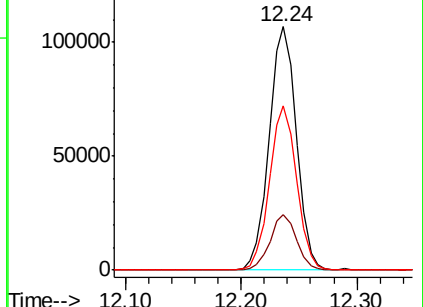
142 67.2 54.6 81.8

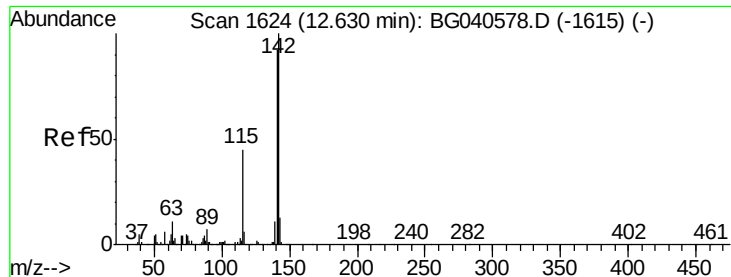


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

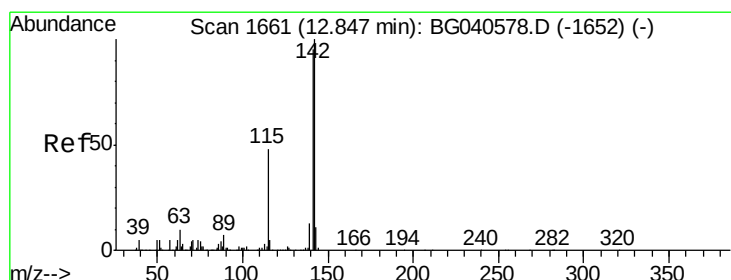
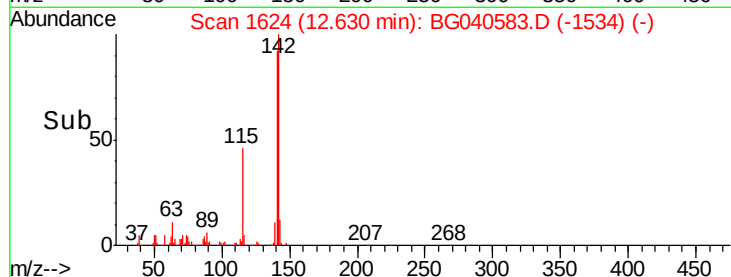
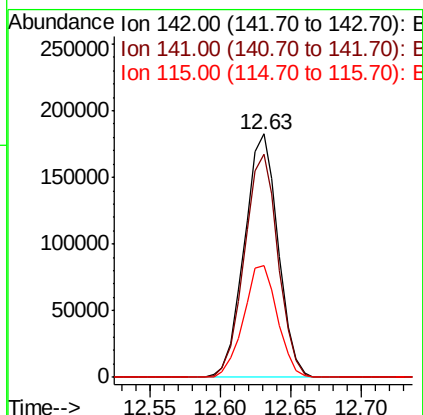
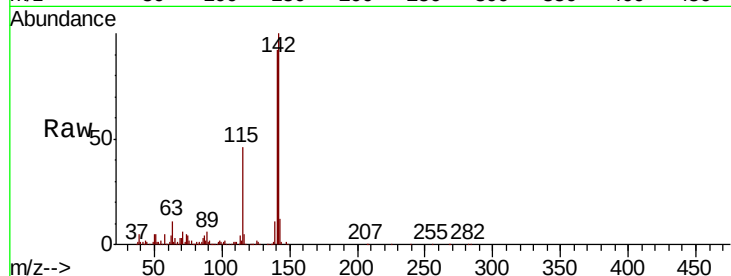




#37
2-Methylnaphthalene
Concen: 40.137 ng
RT: 12.63 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

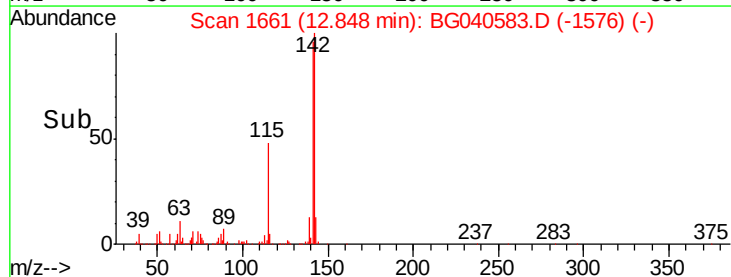
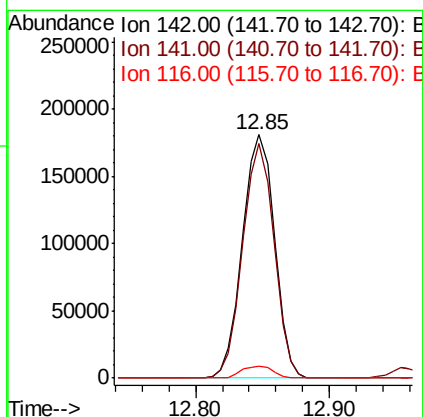
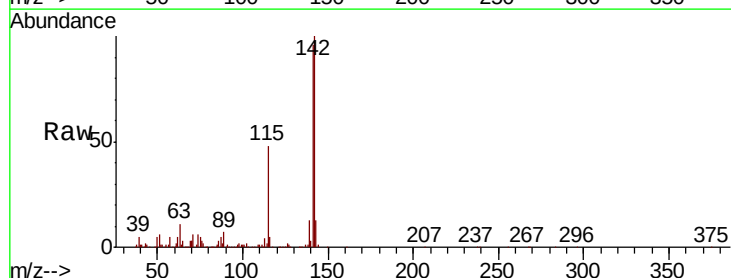
Instrument :
BNA_G
ClientSampleId :
ICVBG042319

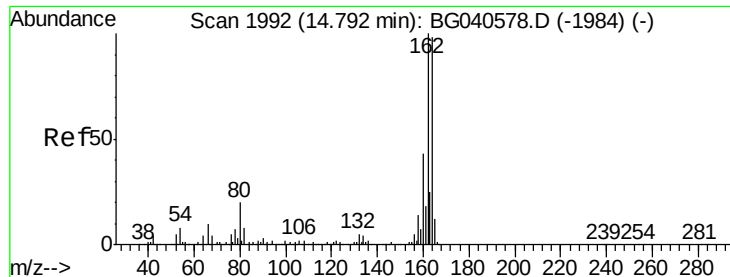
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.4	110.2
115	46.0	36.2	54.4



#38
1-Methylnaphthalene
Concen: 40.430 ng
RT: 12.85 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.4	75.9	113.9
116	4.8	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Instrument :

BNA_G

ClientSampleId :

ICVBG042319

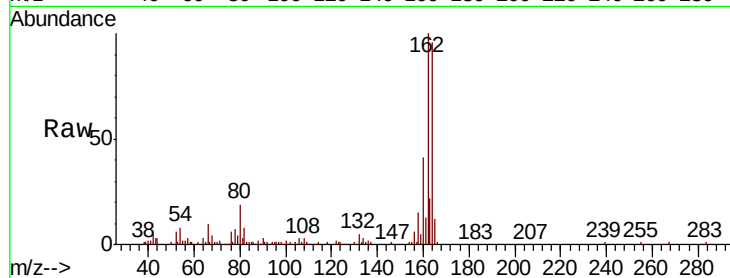
Tot Ion:164 Resp: 134373

Ion Ratio Lower Upper

164 100

162 104.1 81.9 122.9

160 43.2 35.4 53.2

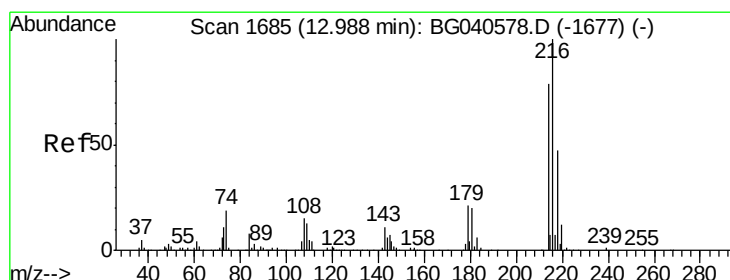
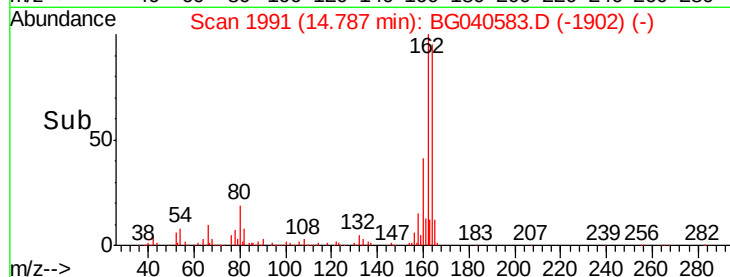
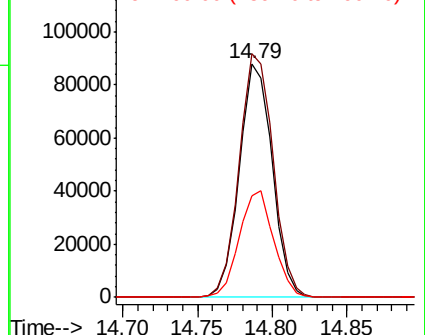


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.937 ng

RT: 12.99 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Tgt Ion:216 Resp: 204918

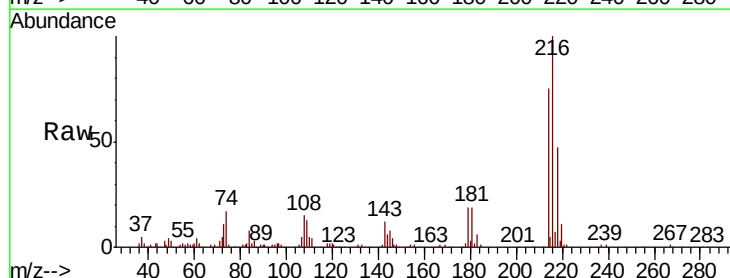
Ion Ratio Lower Upper

216 100

214 77.5 63.7 95.5

179 20.4 16.6 24.8

108 17.8 14.7 22.1



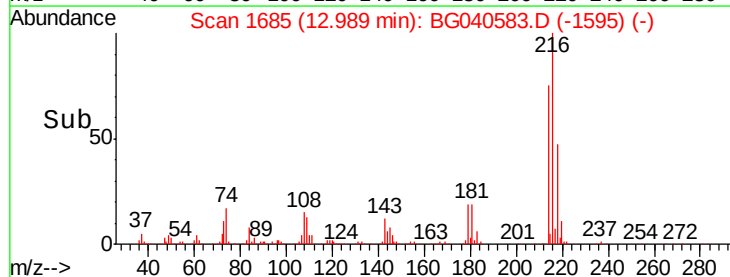
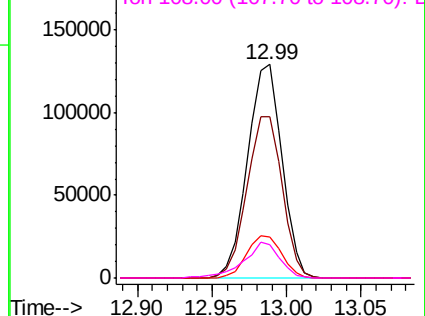
Abundance

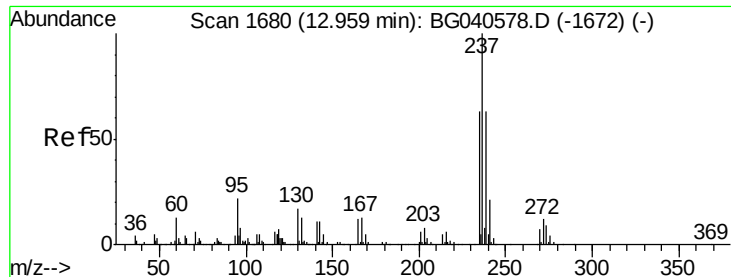
Ion 216.00 (215.70 to 216.70): E

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: 38.278 ng

RT: 12.96 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Instrument :

BNA_G

ClientSampleId :

ICVBG042319

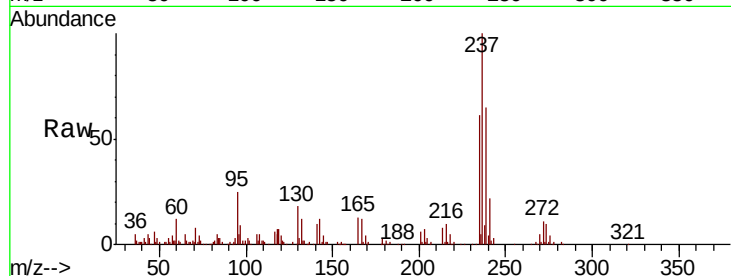
Tot Ion:237 Resp: 113066

Ion Ratio Lower Upper

237 100

235 61.3 42.5 82.5

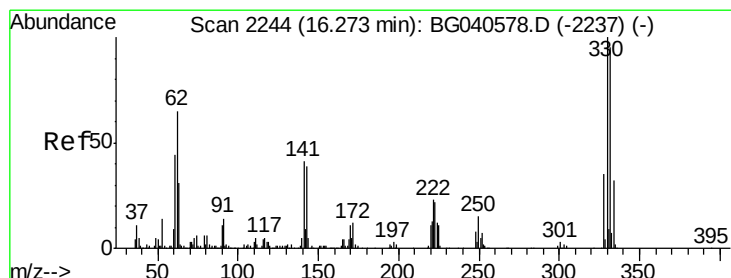
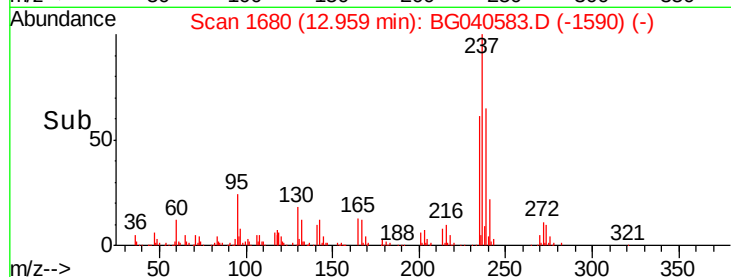
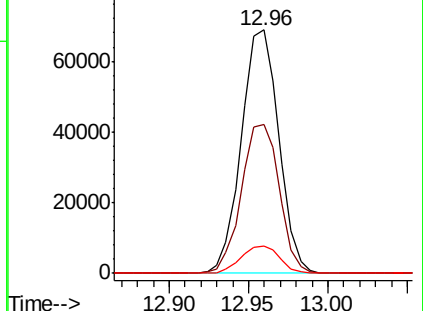
272 11.0 0.0 31.6



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: 83.844 ng

RT: 16.27 min Scan# 2244

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

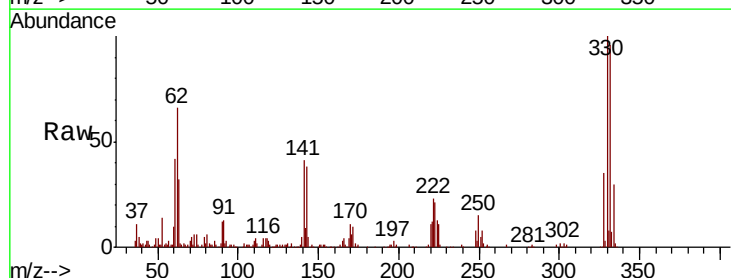
Tgt Ion:330 Resp: 154858

Ion Ratio Lower Upper

330 100

332 95.6 75.9 113.9

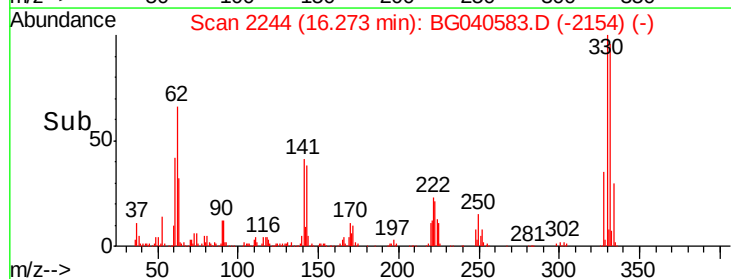
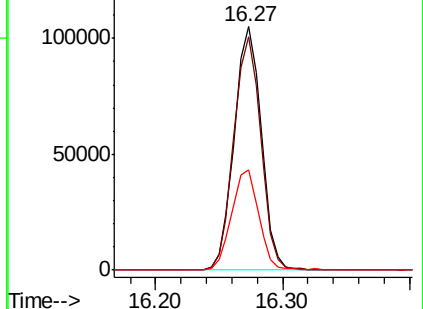
141 41.2 32.4 48.6

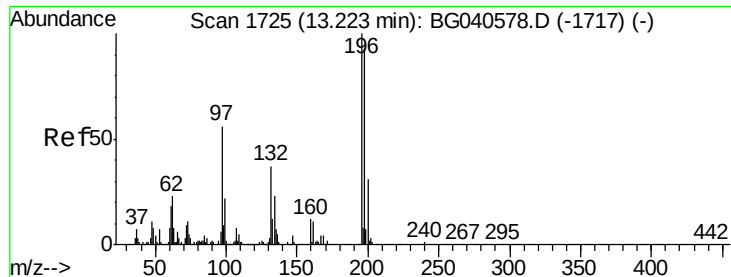


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

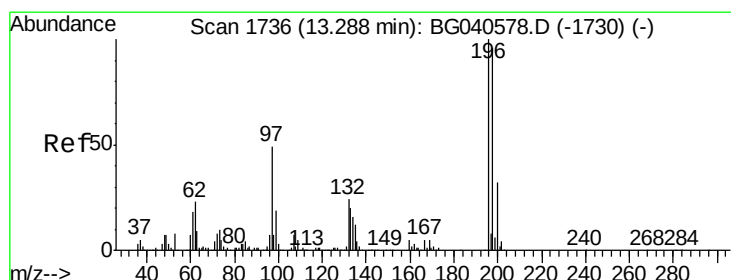
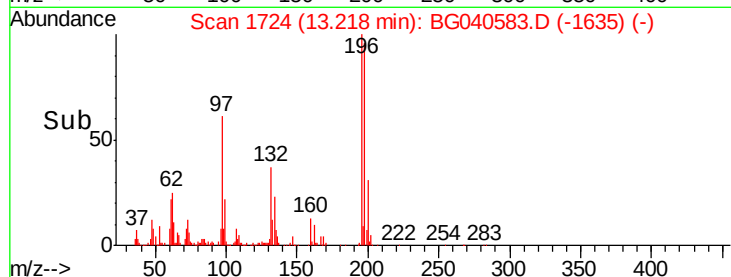
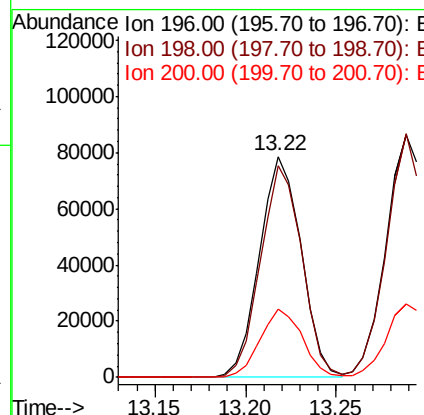
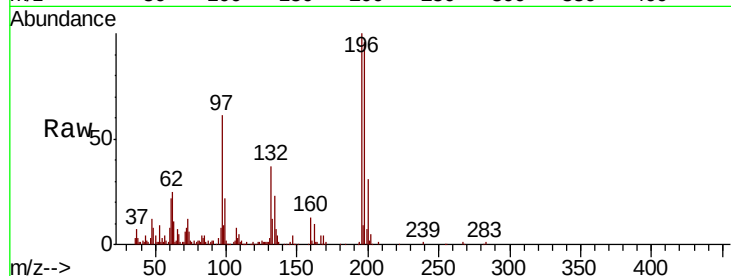




#43
 2,4,6-Trichlorophenol
 Concen: 41.545 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG040583.D
 Acq: 23 Apr 2019 22:36

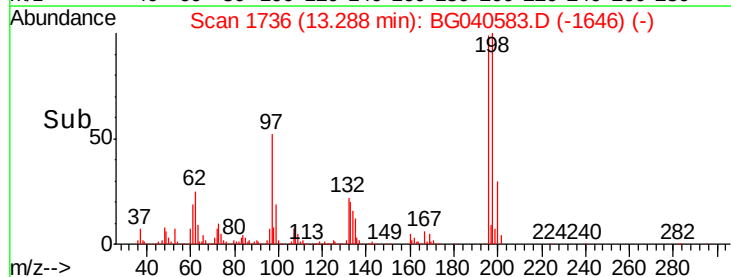
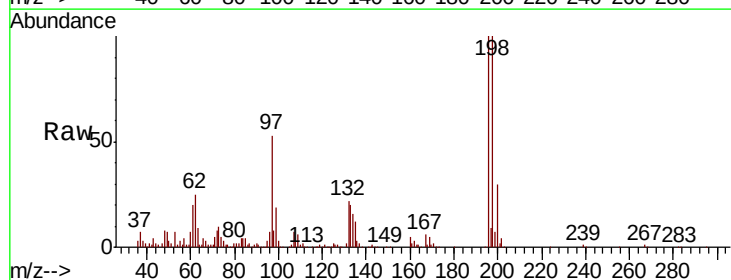
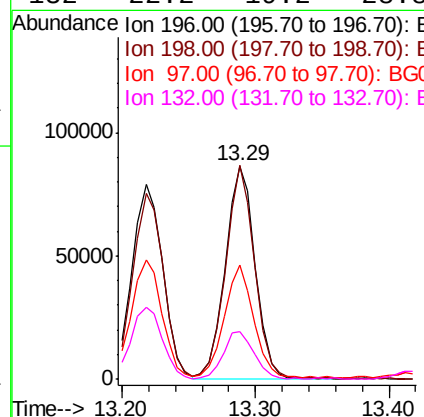
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG042319

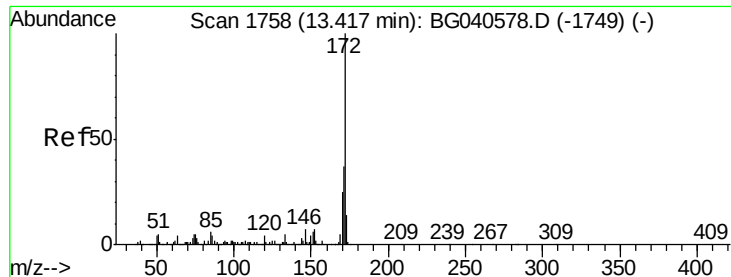
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.8	112.2
200	30.7	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.155 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG040583.D
 Acq: 23 Apr 2019 22:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.4	77.0	115.6
97	53.3	40.0	60.0
132	22.2	19.2	28.8

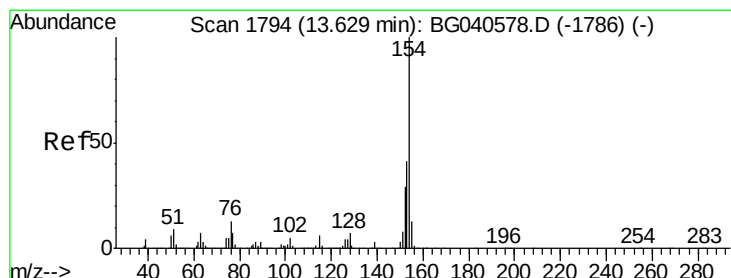
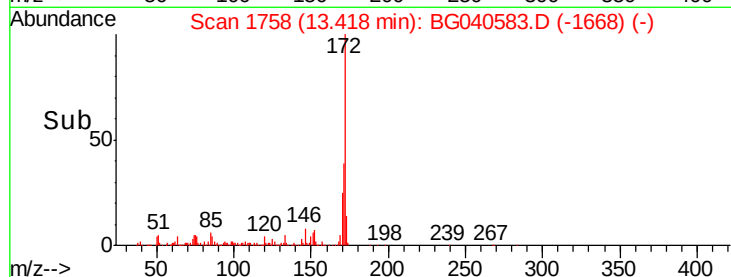
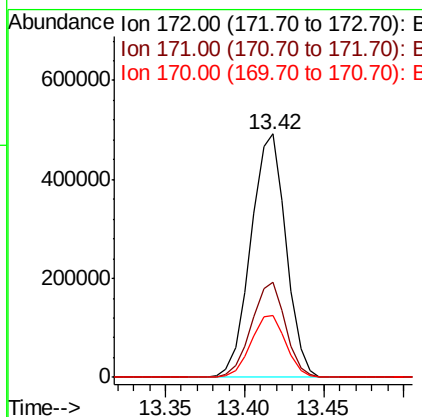
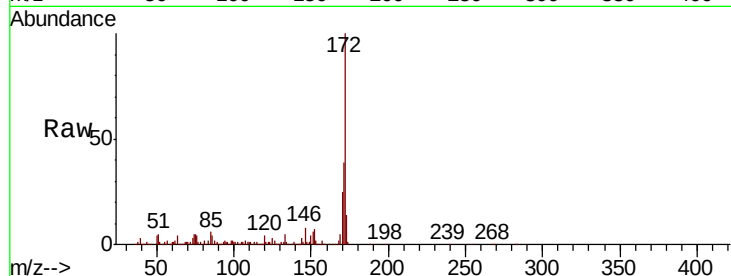




#45
 2-Fluorobiphenyl
 Concen: 81.294 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BG040583.D
 Acq: 23 Apr 2019 22:36

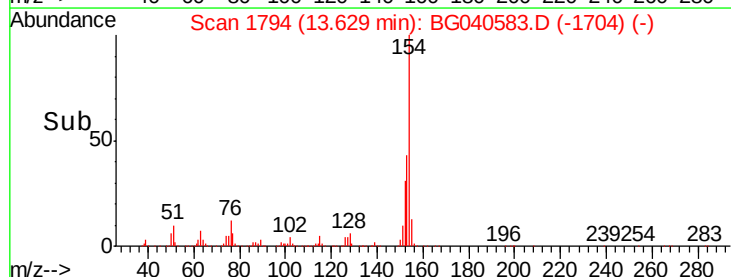
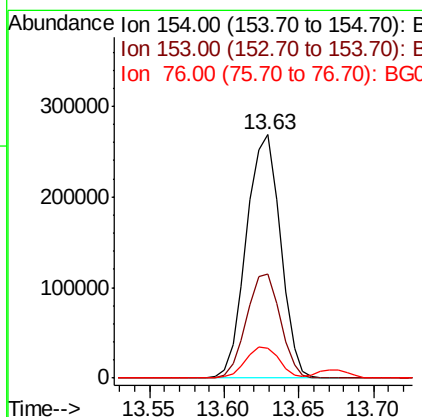
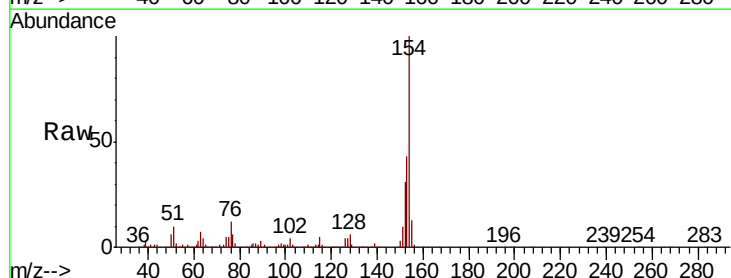
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG042319

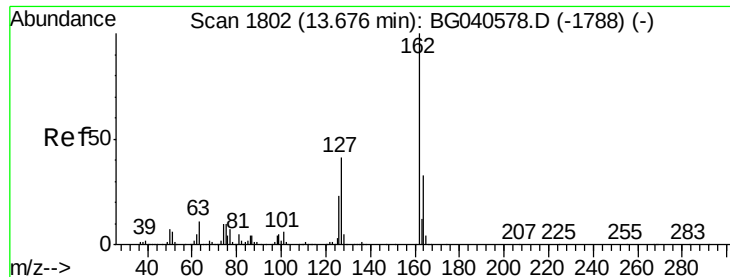
Tot Ion:	172	Resp:	756389
Ion	Ratio	Lower	Upper
172	100		
171	39.3	29.4	44.2
170	25.4	19.9	29.9



#46
 1,1'-Biphenyl
 Concen: 40.595 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BG040583.D
 Acq: 23 Apr 2019 22:36

Tgt Ion:	154	Resp:	423518
Ion	Ratio	Lower	Upper
154	100		
153	42.6	20.5	60.5
76	12.5	0.0	32.5

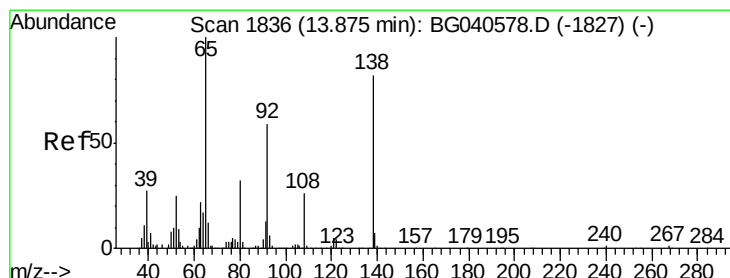
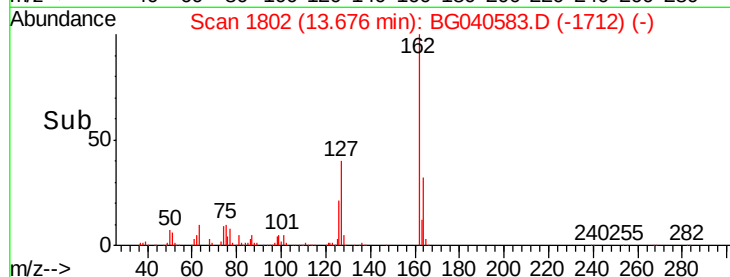
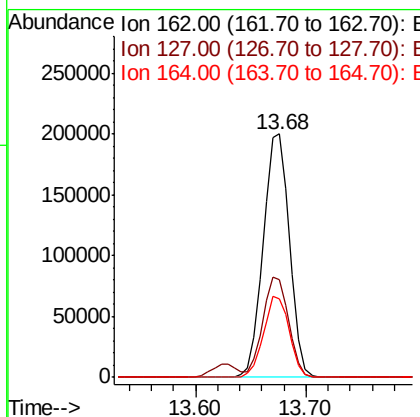
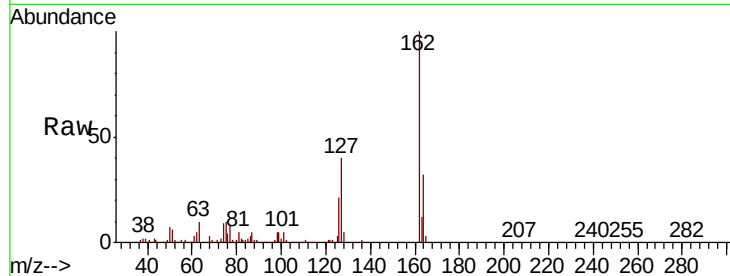




#47
 2-Chloronaphthalene
 Concen: 40.853 ng
 RT: 13.68 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG040583.D
 Acq: 23 Apr 2019 22:36

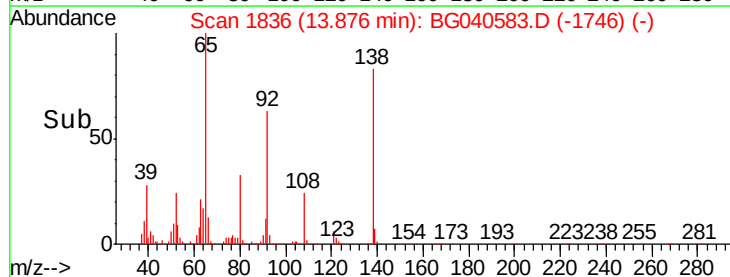
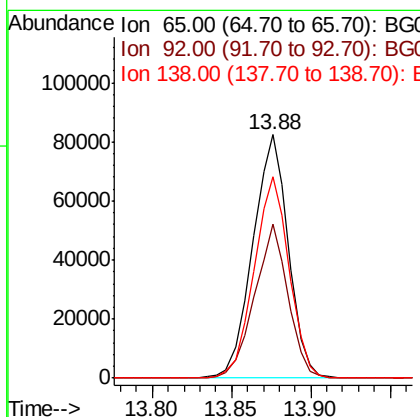
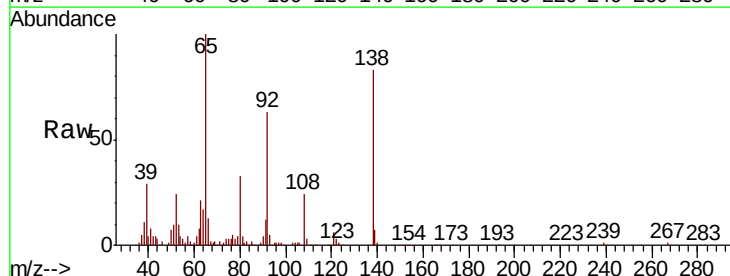
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG042319

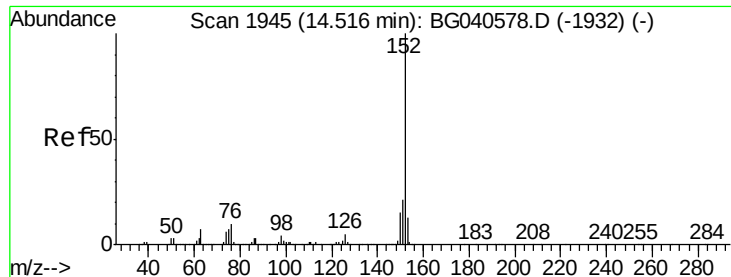
Tot Ion:162 Resp: 333548
 Ion Ratio Lower Upper
 162 100
 127 40.0 33.0 49.4
 164 32.5 26.8 40.2



#48
 2-Nitroaniline
 Concen: 44.108 ng
 RT: 13.88 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: BG040583.D
 Acq: 23 Apr 2019 22:36

Tgt Ion: 65 Resp: 128190
 Ion Ratio Lower Upper
 65 100
 92 63.3 47.4 71.0
 138 82.5 66.1 99.1





#49

Acenaphthylene

Concen: 40.697 ng

RT: 14.52 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Instrument :

BNA_G

ClientSampleId :

ICVBG042319

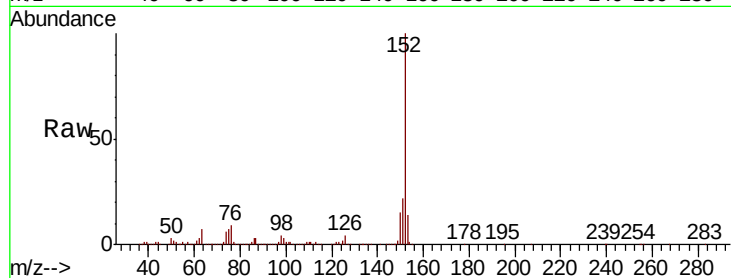
Tot Ion:152 Resp: 563752

Ion Ratio Lower Upper

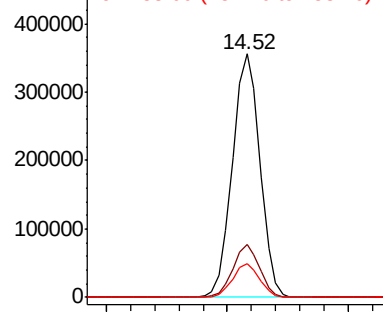
152 100

151 21.8 17.2 25.8

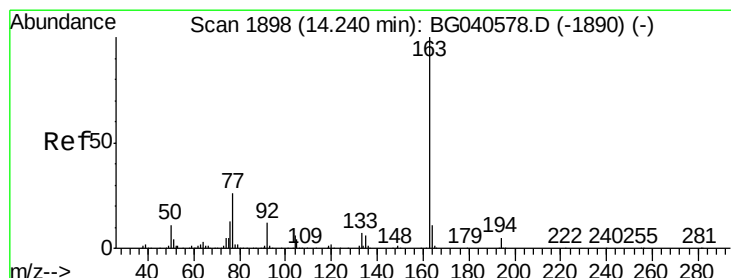
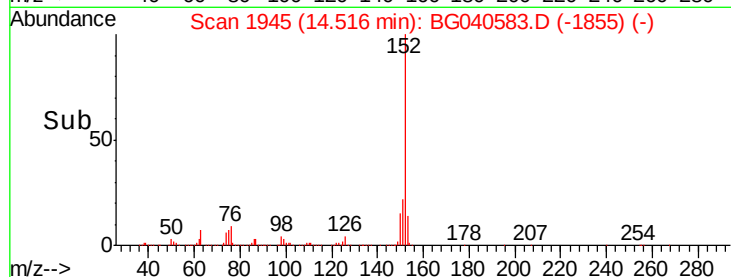
153 13.7 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time--> 14.40 14.50 14.60



#50

Dimethylphthalate

Concen: 40.263 ng

RT: 14.24 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

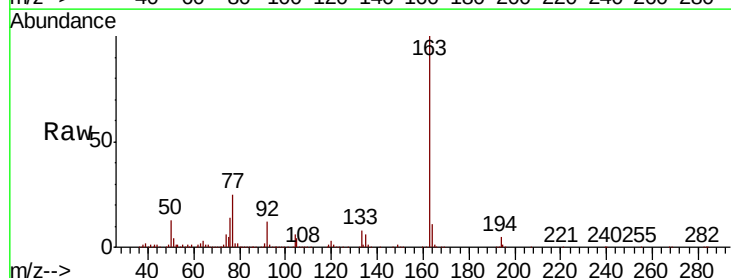
Tgt Ion:163 Resp: 452662

Ion Ratio Lower Upper

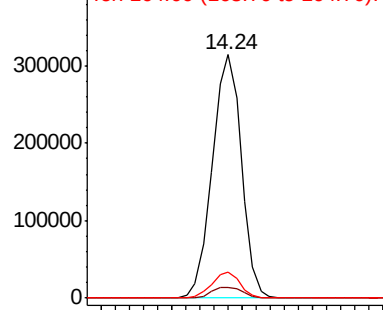
163 100

194 4.6 3.8 5.8

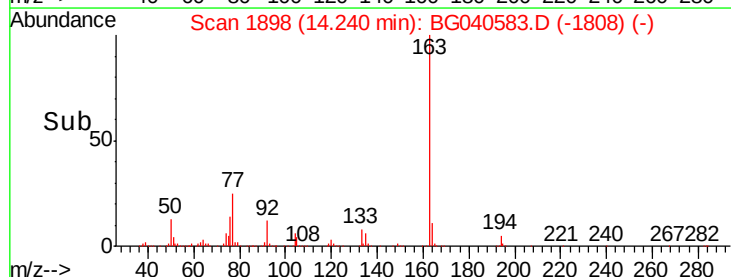
164 10.7 8.8 13.2

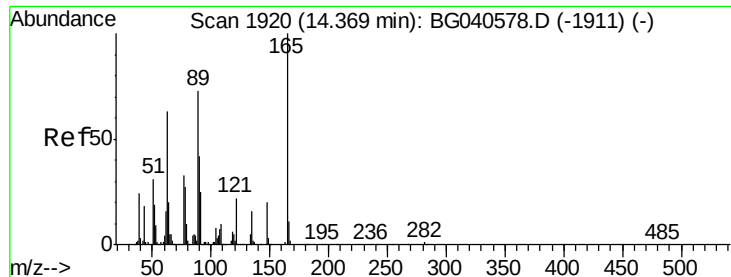


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time--> 14.15 14.20 14.25 14.30





#51

2,6-Dinitrotoluene

Concen: 43.532 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Instrument :

BNA_G

ClientSampleId :

ICVBG042319

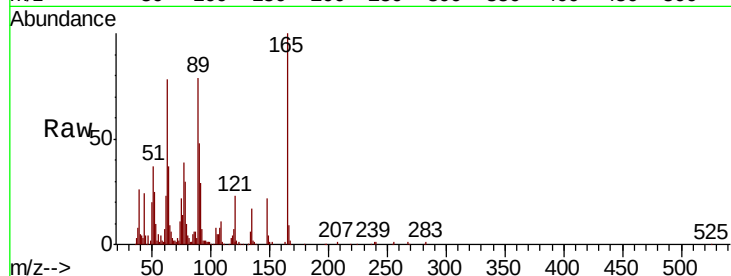
Tot Ion:165 Resp: 95520

Ion Ratio Lower Upper

165 100

63 77.9 61.0 91.4

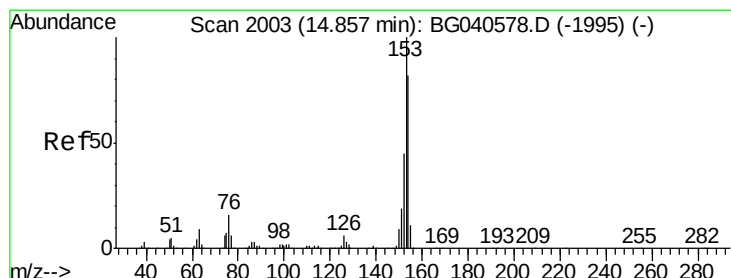
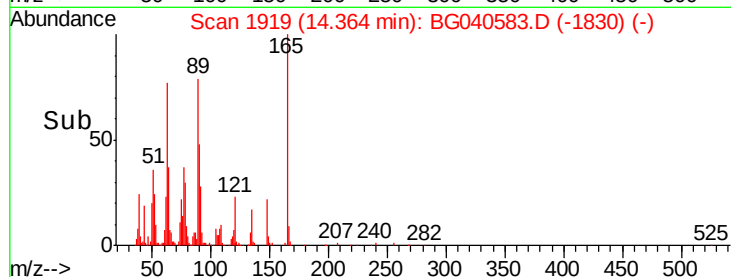
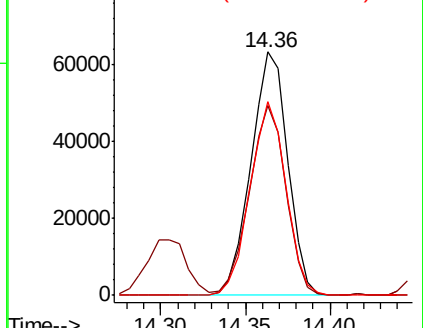
89 79.3 58.6 87.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 42.580 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

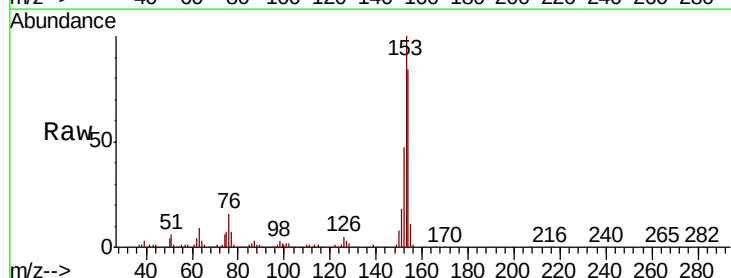
Tgt Ion:154 Resp: 343492

Ion Ratio Lower Upper

154 100

153 119.4 97.0 145.6

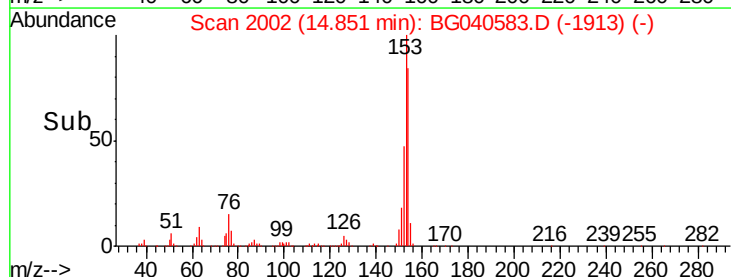
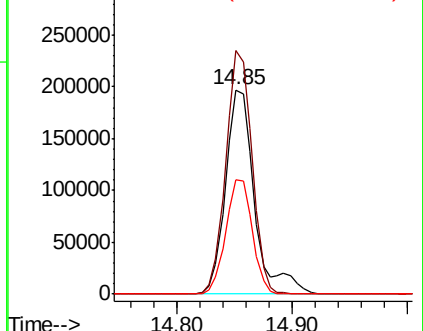
152 55.8 44.1 66.1

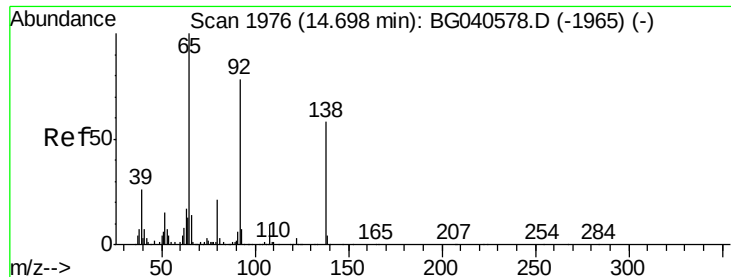


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

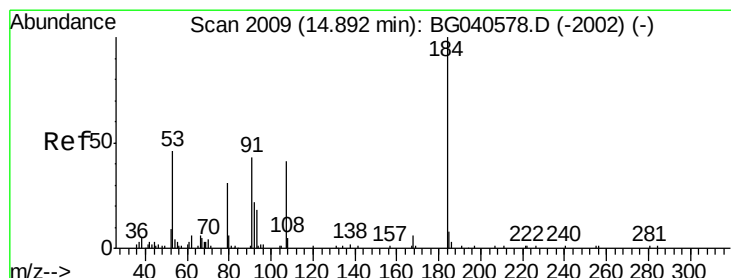
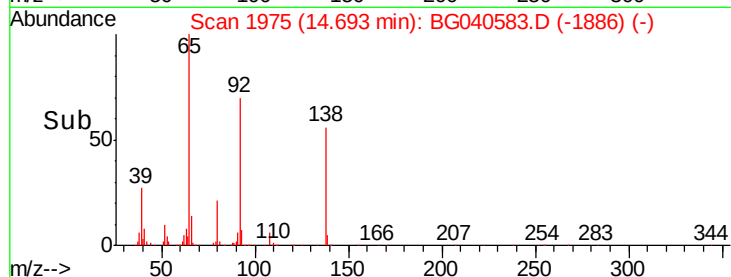
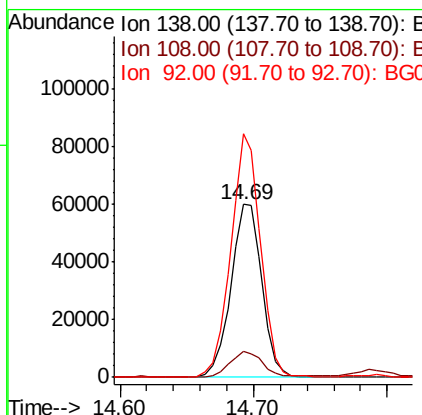
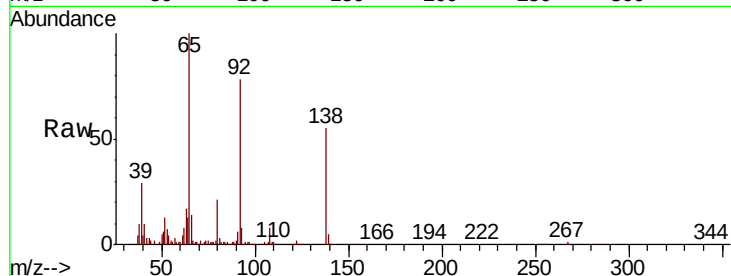




#53
 3-Nitroaniline
 Concen: 42.885 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG040583.D
 Acq: 23 Apr 2019 22:36

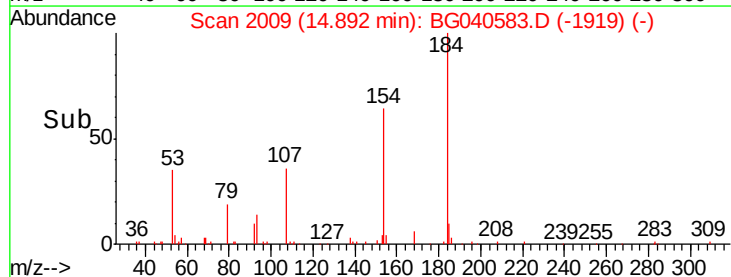
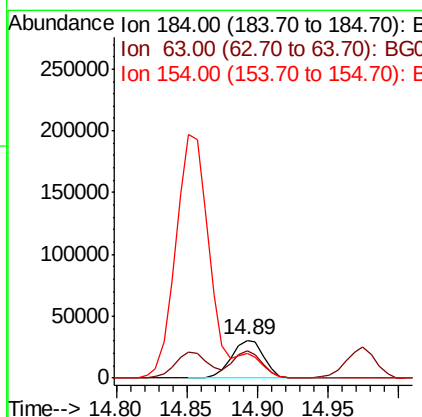
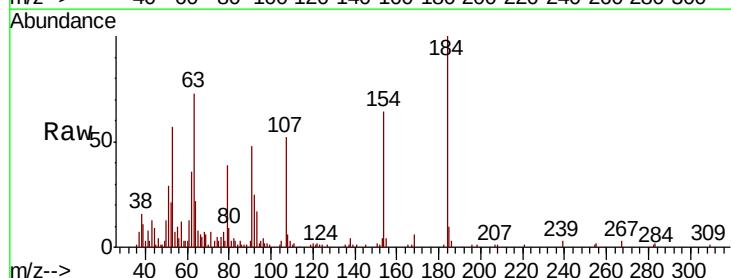
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG042319

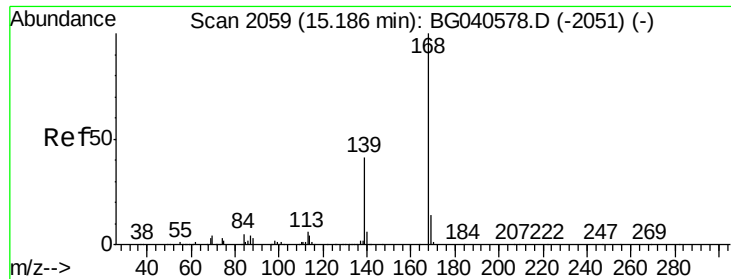
Tot Ion:138 Resp: 96415
 Ion Ratio Lower Upper
 138 100
 108 15.2 12.4 18.6
 92 140.7 108.6 162.8



#54
 2,4-Dinitrophenol
 Concen: 43.051 ng
 RT: 14.89 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BG040583.D
 Acq: 23 Apr 2019 22:36

Tgt Ion:184 Resp: 48882
 Ion Ratio Lower Upper
 184 100
 63 72.6 51.8 77.6
 154 64.1 43.6 65.4





#55

Dibenzofuran

Concen: 40.765 ng

RT: 15.19 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Instrument :

BNA_G

ClientSampleId :

ICVBG042319

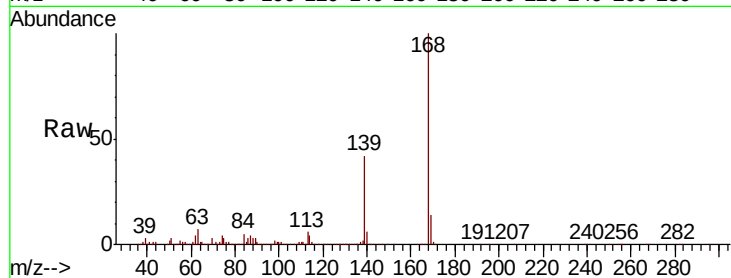
Tot Ion:168 Resp: 538633

Ion Ratio Lower Upper

168 100

139 42.0 33.0 49.4

169 13.7 11.0 16.4

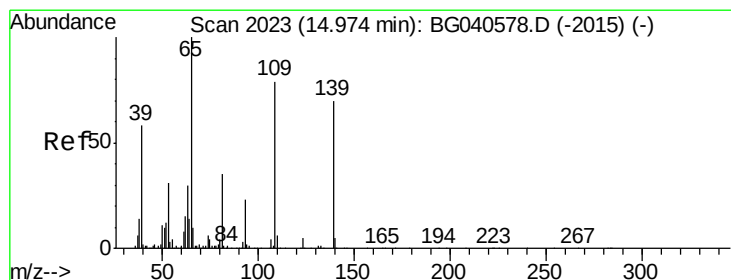
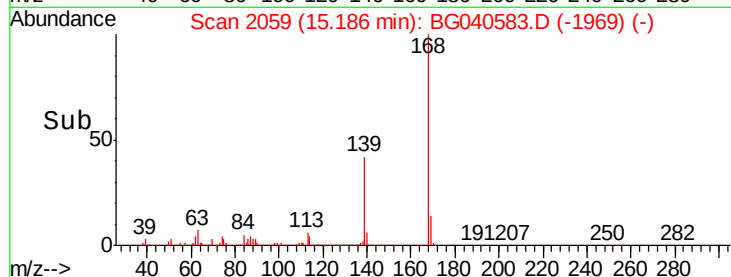
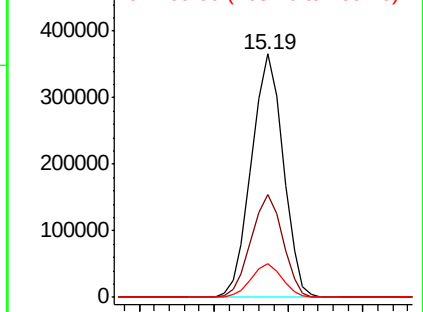


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 43.421 ng

RT: 14.97 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

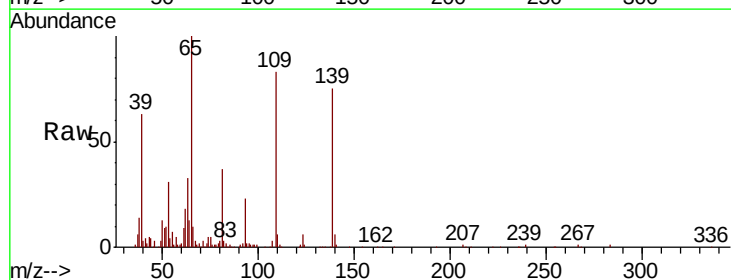
Tgt Ion:139 Resp: 84649

Ion Ratio Lower Upper

139 100

109 110.3 93.8 133.8

65 132.6 122.7 162.7

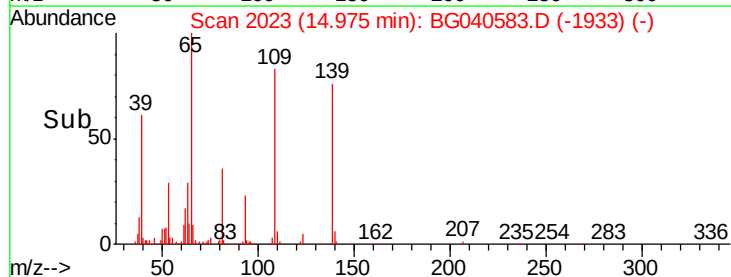
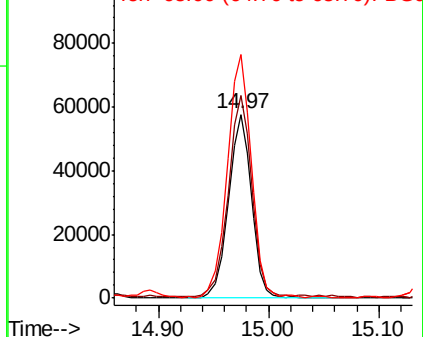


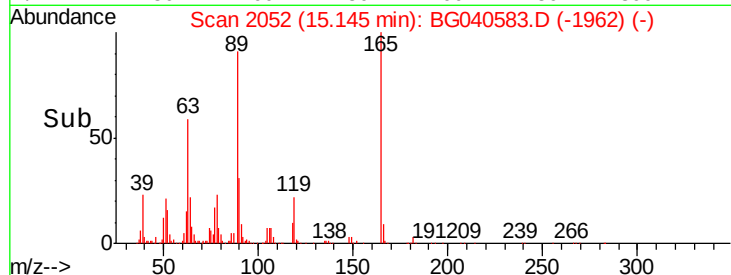
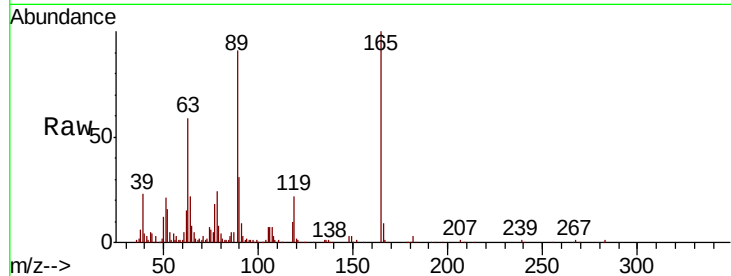
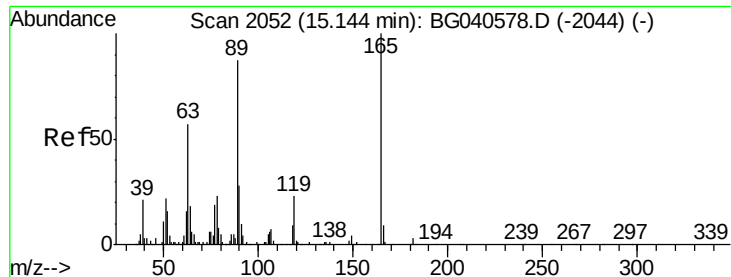
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

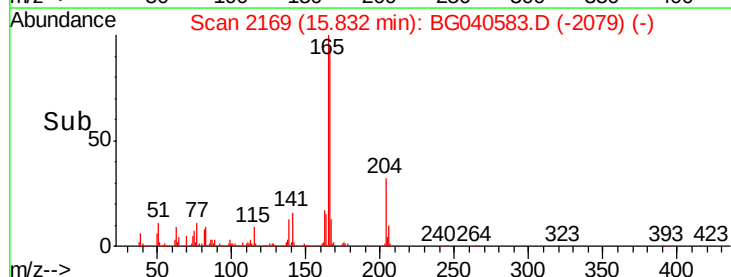
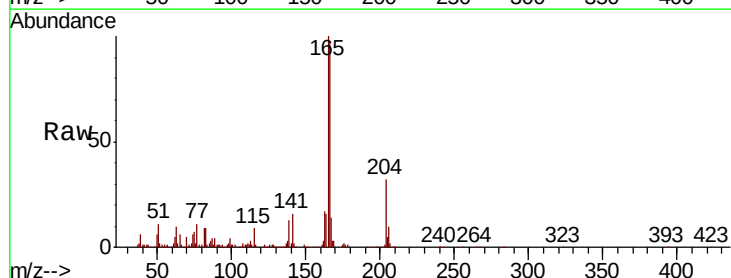
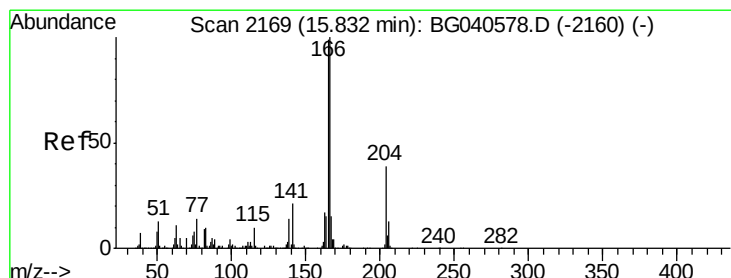
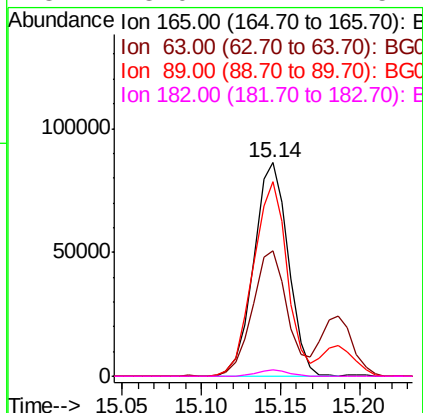




#57
2,4-Dinitrotoluene
Concen: 43.809 ng
RT: 15.14 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

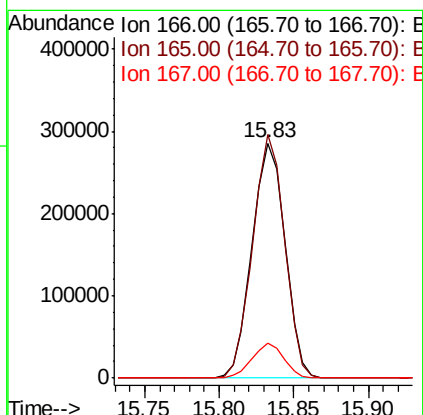
Instrument :
BNA_G
ClientSampleId :
ICVBG042319

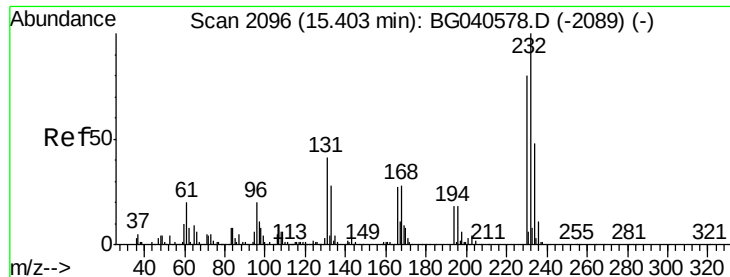
Tot Ion	Ratio	Lower	Upper
165	100		
63	58.8	45.8	68.8
89	90.9	69.4	104.2
182	3.0	2.2	3.4



#58
Fluorene
Concen: 40.822 ng
RT: 15.83 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.6	79.6	119.4
167	14.9	12.2	18.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.345 ng

RT: 15.40 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Instrument :

BNA_G

ClientSampleId :

ICVBG042319

Tot Ion:232 Resp: 137130

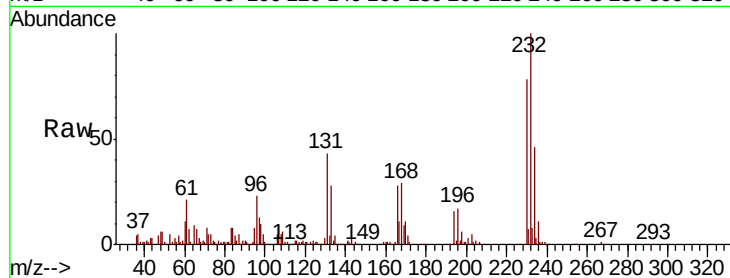
Ion Ratio Lower Upper

232 100

131 42.6 33.0 49.4

130 2.7 2.0 3.0

166 29.1 22.1 33.1

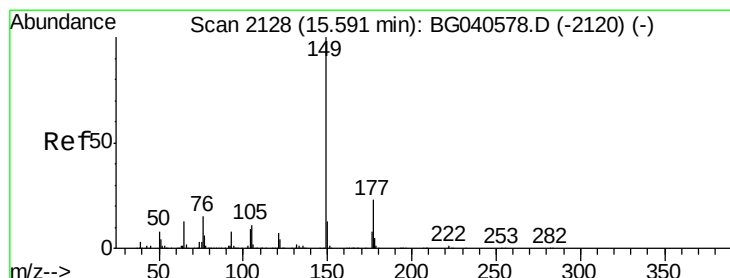
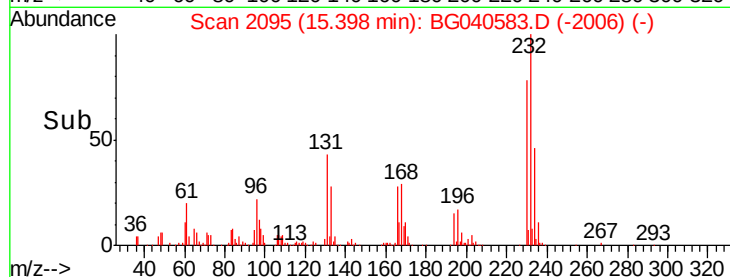
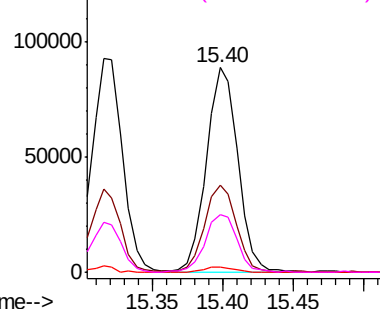


Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.009 ng

RT: 15.59 min Scan# 2128

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

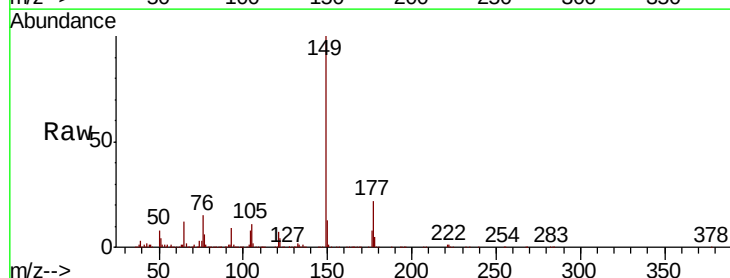
Tgt Ion:149 Resp: 486450

Ion Ratio Lower Upper

149 100

177 22.3 18.5 27.7

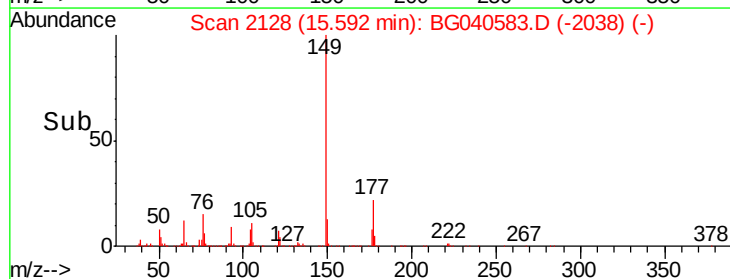
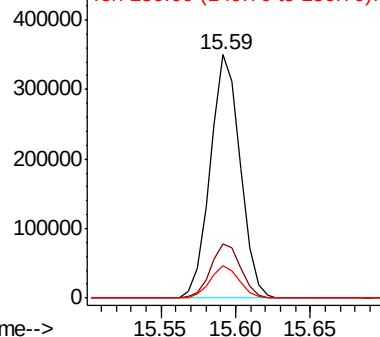
150 13.1 10.2 15.4

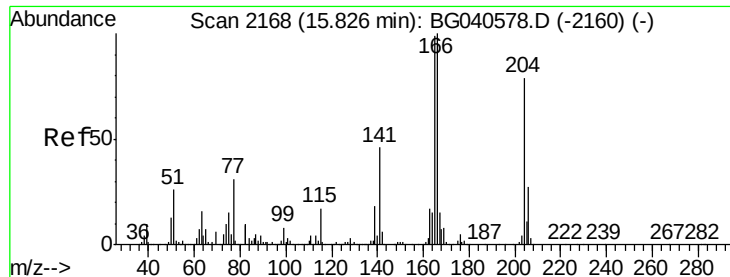


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

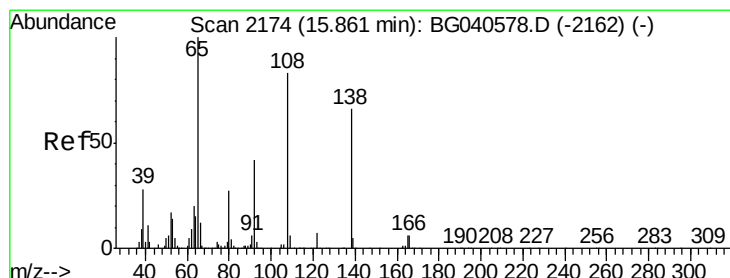
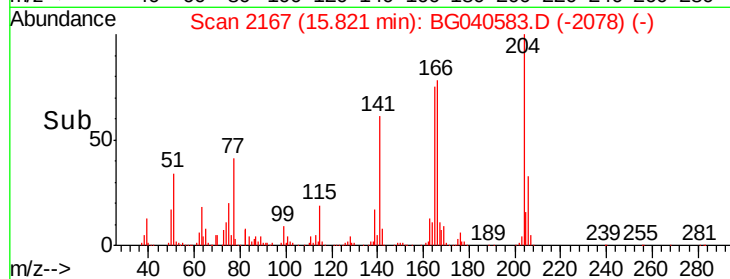
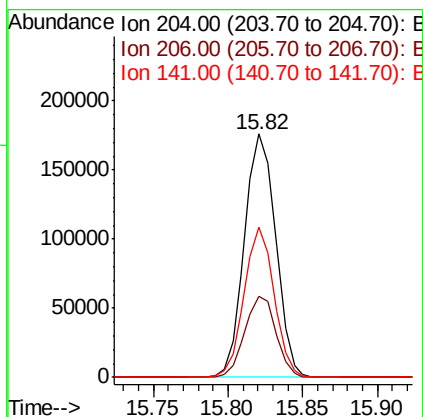
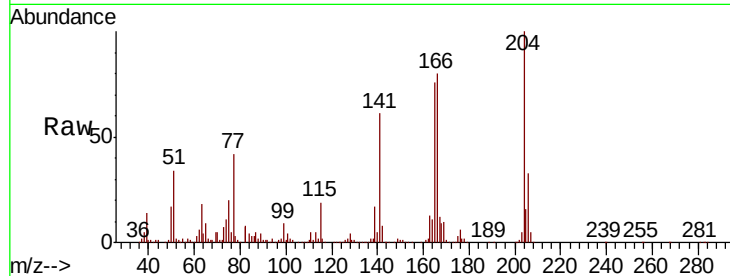




#61
 4-Chlorophenyl-phenylether
 Concen: 41.021 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BG040583.D
 Acq: 23 Apr 2019 22:36

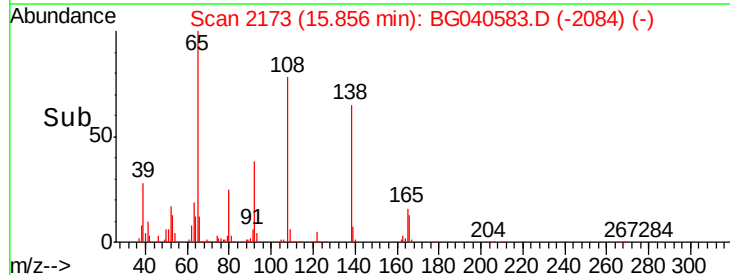
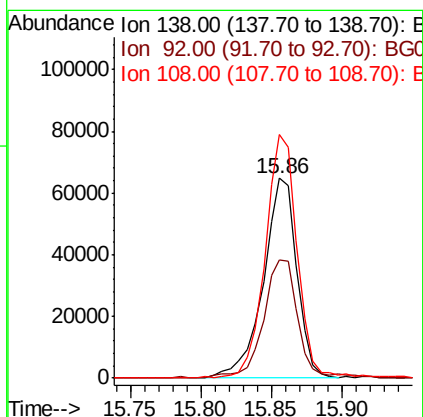
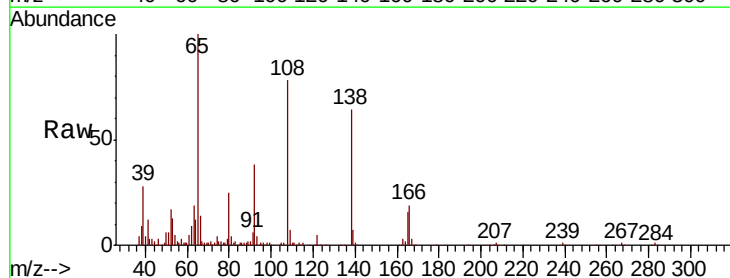
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG042319

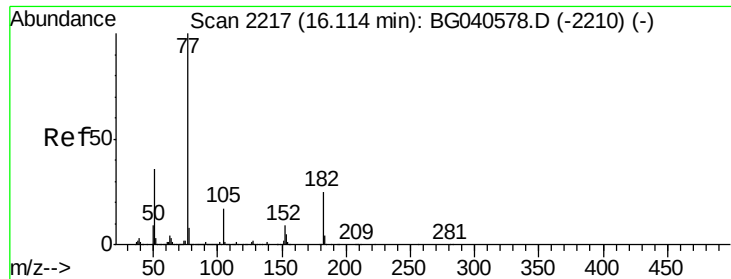
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.4	41.2
141	61.4	46.0	69.0



#62
 4-Nitroaniline
 Concen: 42.919 ng
 RT: 15.86 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BG040583.D
 Acq: 23 Apr 2019 22:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.4	43.9	83.9
108	122.0	106.5	146.5





#63

Azobenzene

Concen: 41.112 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Instrument :

BNA_G

ClientSampleId :

ICVBG042319

Tot Ion: 77 Resp: 502225

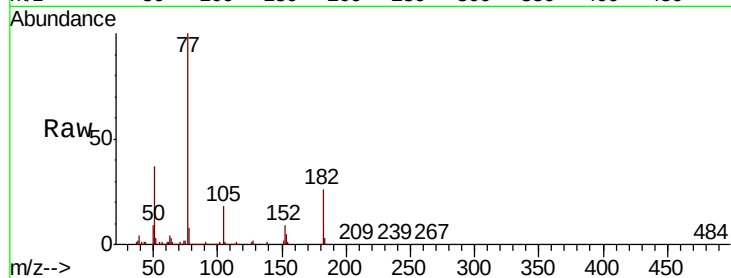
Ion Ratio Lower Upper

77 100

182 25.8 5.0 45.0

105 17.9 0.0 37.6

51 36.6 16.3 56.3

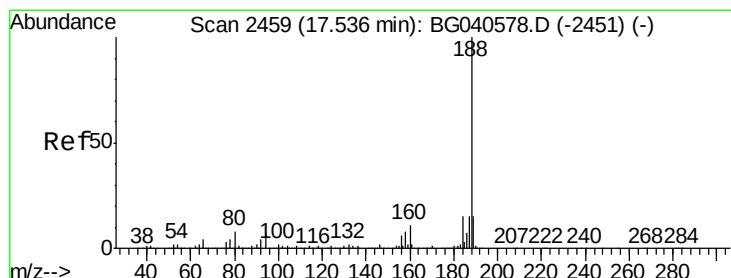
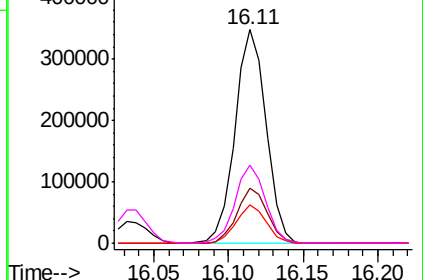
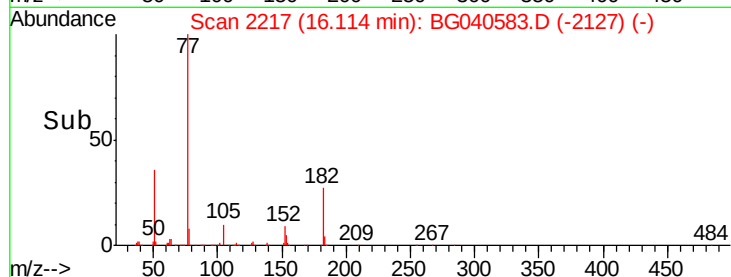


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

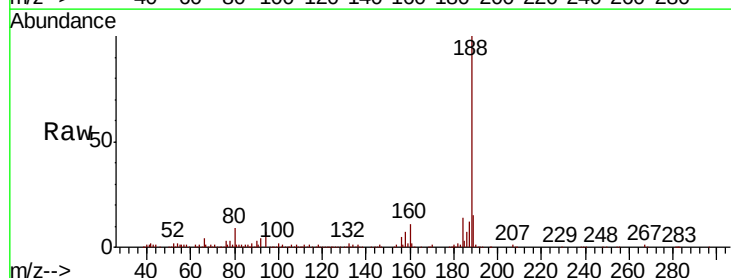
Tgt Ion: 188 Resp: 333336

Ion Ratio Lower Upper

188 100

94 6.9 5.6 8.4

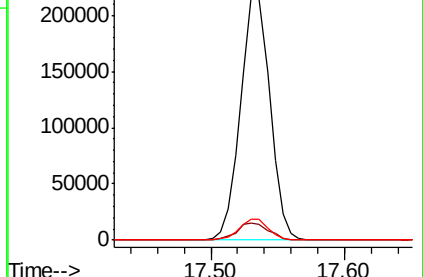
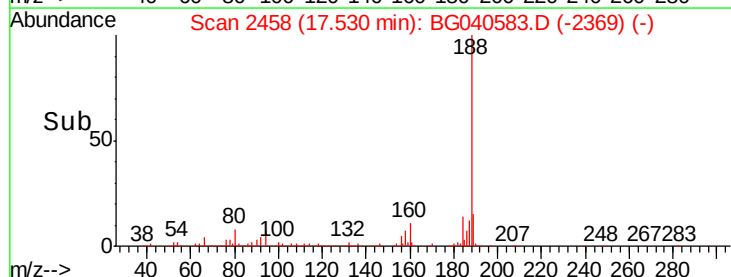
80 8.6 6.4 9.6

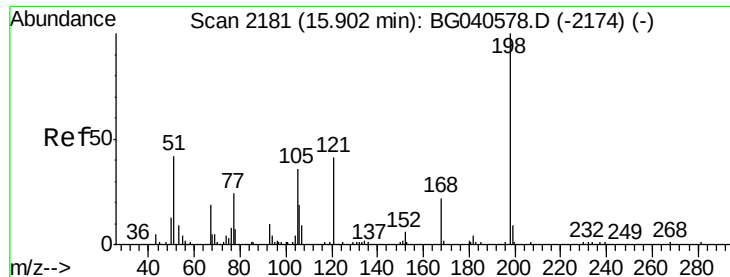


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 42.730 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Instrument :

BNA_G

ClientSampleId :

ICVBG042319

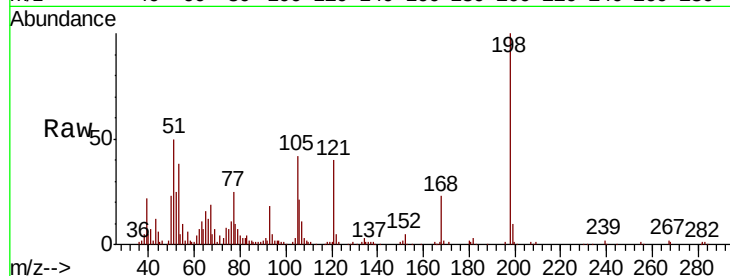
Tot Ion:198 Resp: 68678

Ion Ratio Lower Upper

198 100

51 50.3 35.9 75.9

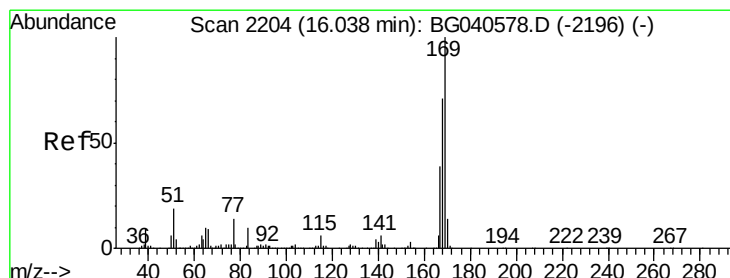
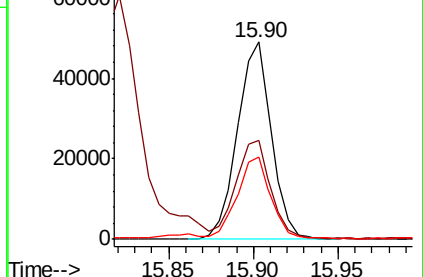
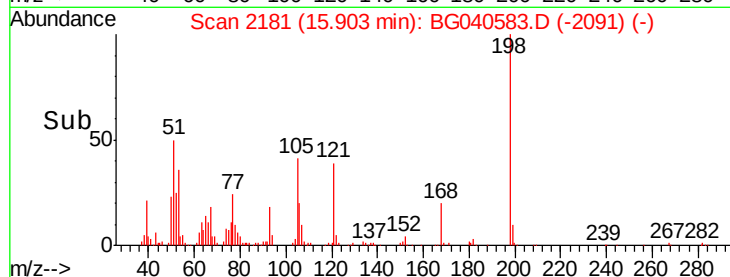
105 41.8 21.2 61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.453 ng

RT: 16.04 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

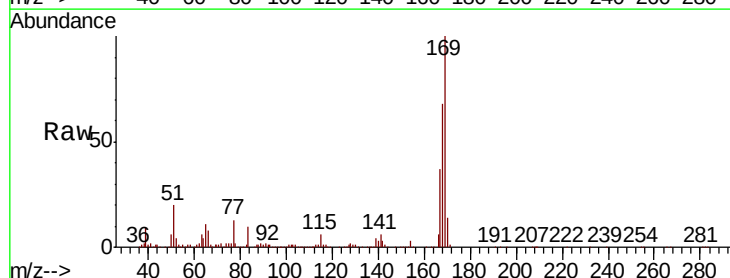
Tgt Ion:169 Resp: 396724

Ion Ratio Lower Upper

169 100

168 67.8 56.8 85.2

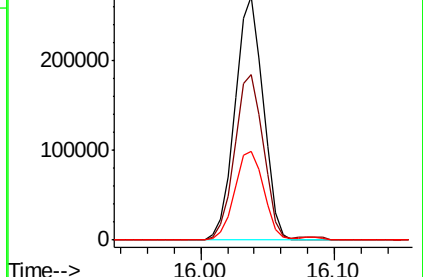
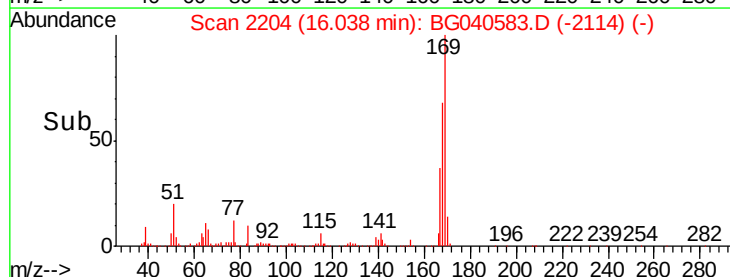
167 36.6 31.4 47.0

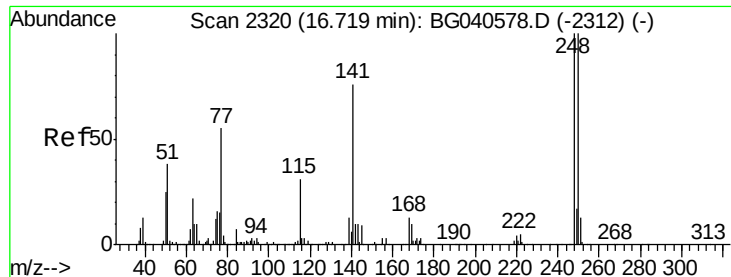


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

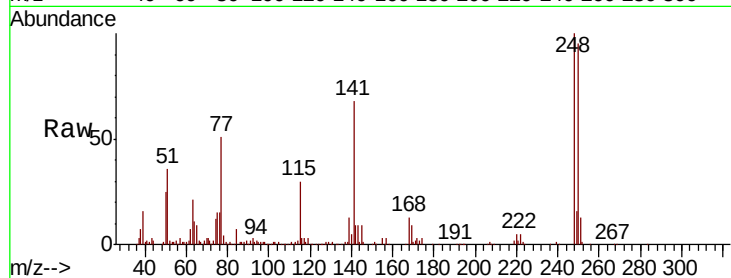




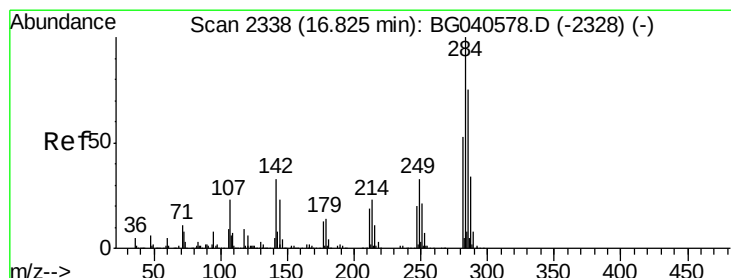
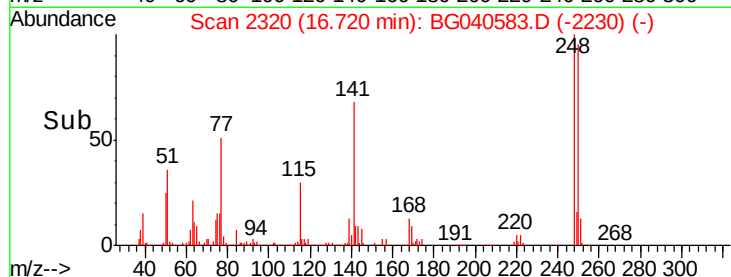
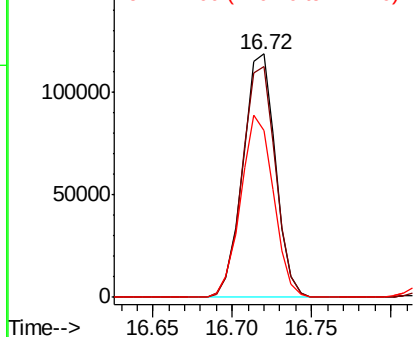
#67
4-Bromophenyl-phenylether
Concen: 40.592 ng
RT: 16.72 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

Instrument :
BNA_G
ClientSampleId :
ICVBG042319

Tot Ion:248 Resp: 168575
Ion Ratio Lower Upper
248 100
250 94.8 79.8 119.6
141 68.4 60.8 91.2

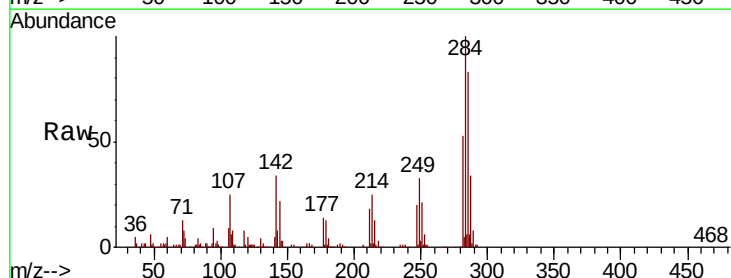


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

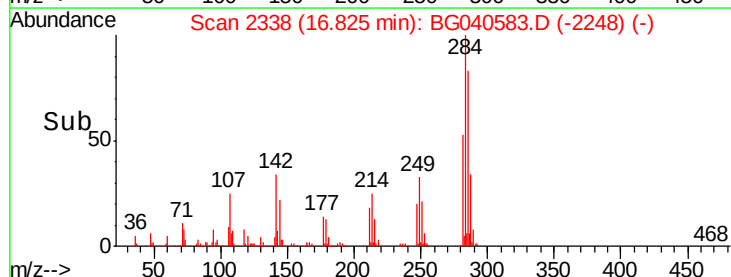
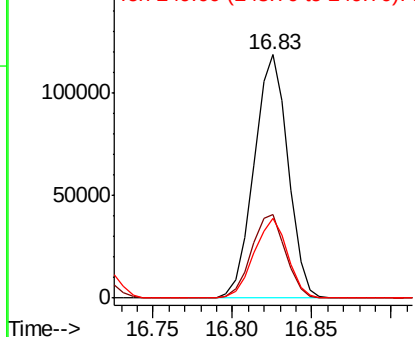


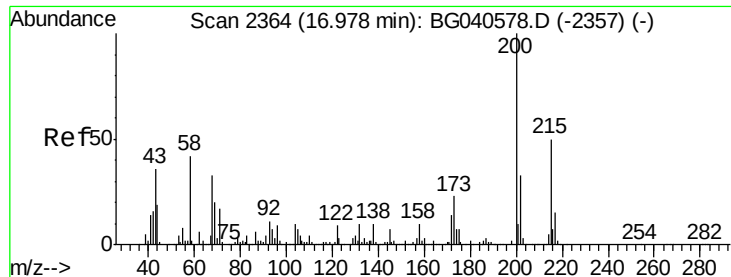
#68
Hexachlorobenzene
Concen: 41.161 ng
RT: 16.83 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

Tgt Ion:284 Resp: 176749
Ion Ratio Lower Upper
284 100
142 34.1 26.6 40.0
249 33.0 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

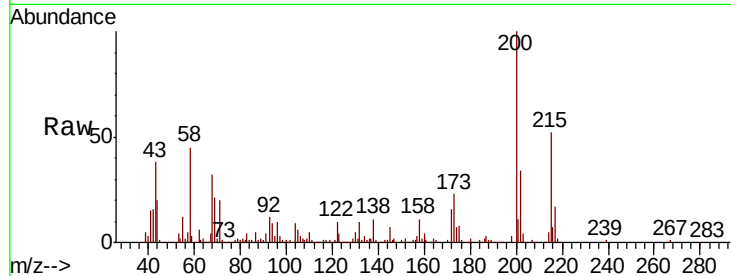




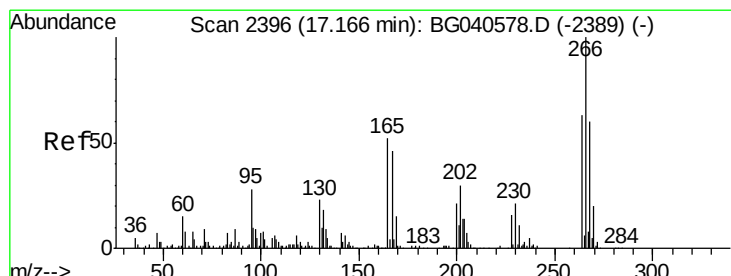
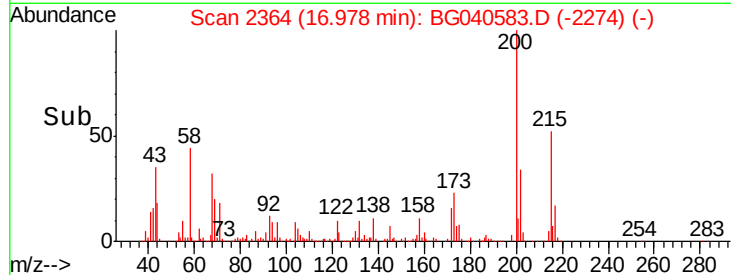
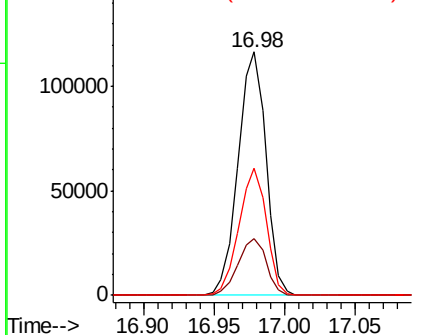
#69
 Atrazine
 Concen: 41.331 ng
 RT: 16.98 min Scan# 2364
 Delta R.T. 0.00 min
 Lab File: BG040583.D
 Acq: 23 Apr 2019 22:36

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG042319

Tot Ion:	200	Resp:	160594
Ion	Ratio	Lower	Upper
200	100		
173	23.4	2.8	42.8
215	52.1	30.2	70.2

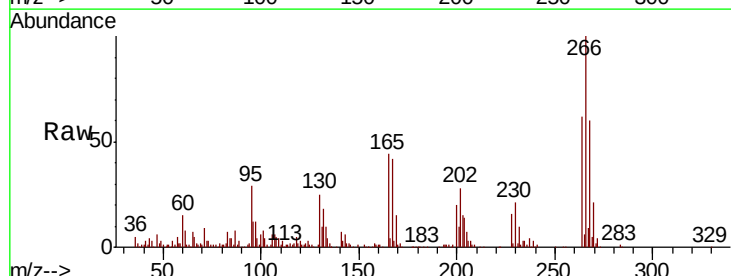


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

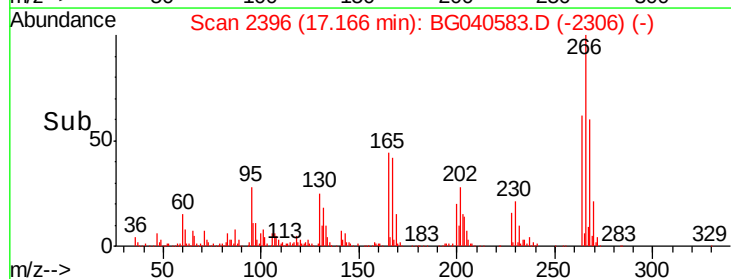
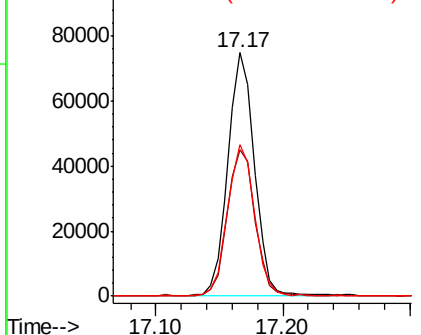


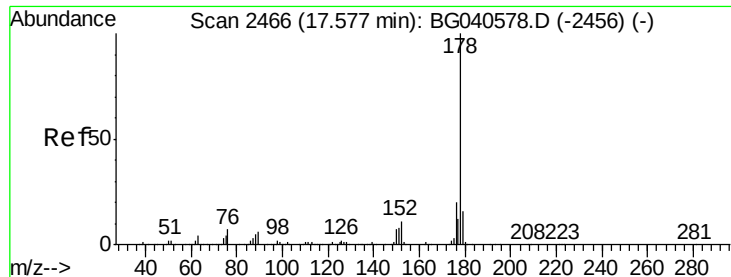
#70
 Pentachlorophenol
 Concen: 43.151 ng
 RT: 17.17 min Scan# 2396
 Delta R.T. 0.00 min
 Lab File: BG040583.D
 Acq: 23 Apr 2019 22:36

Tgt Ion:	266	Resp:	108428
Ion	Ratio	Lower	Upper
266	100		
268	60.2	52.3	78.5
264	62.4	50.0	75.0



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

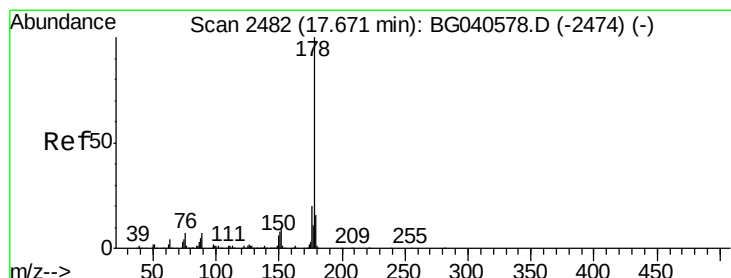
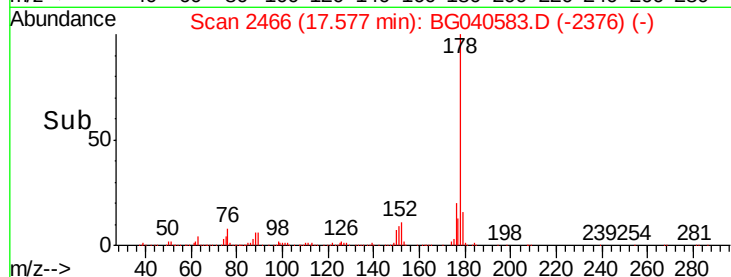
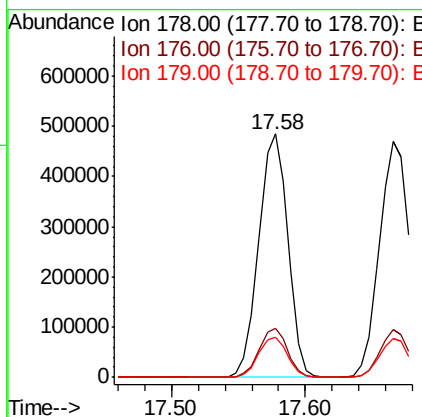
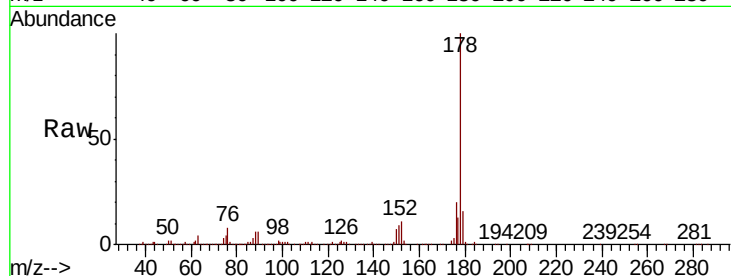




#71
Phenanthrene
Concen: 40.567 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

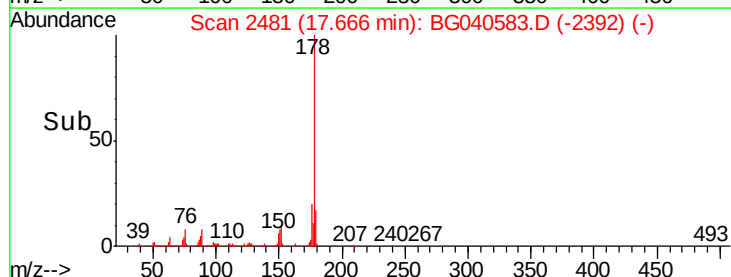
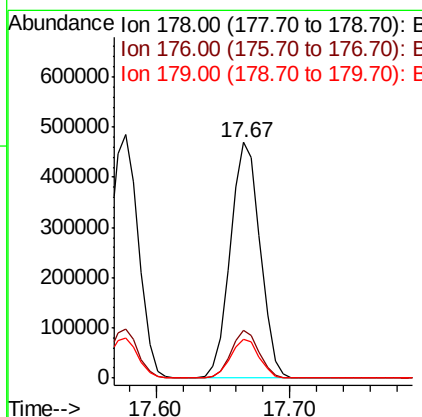
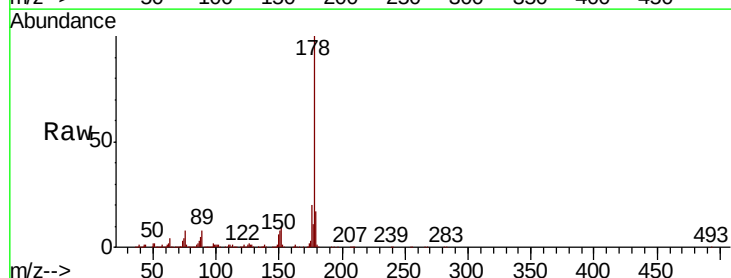
Instrument :
BNA_G
ClientSampleId :
ICVBG042319

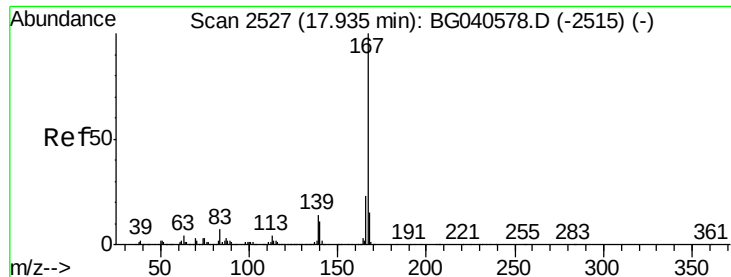
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	16.2	12.6	18.8



#72
Anthracene
Concen: 40.345 ng
RT: 17.67 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.6	23.4
179	16.6	12.9	19.3

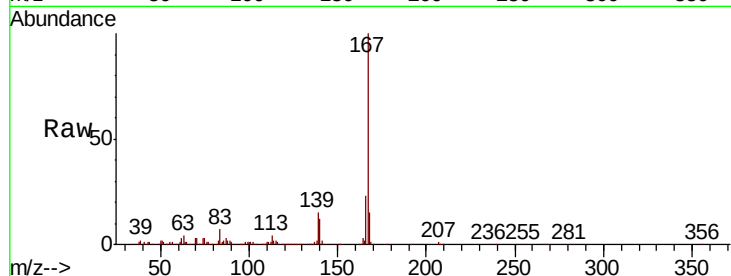




#73
 Carbazole
 Concen: 40.466 ng
 RT: 17.94 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG040583.D
 Acq: 23 Apr 2019 22:36

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG042319

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.4
139	14.8	11.4	17.0

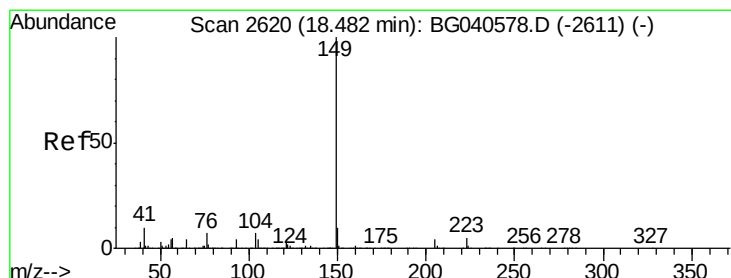
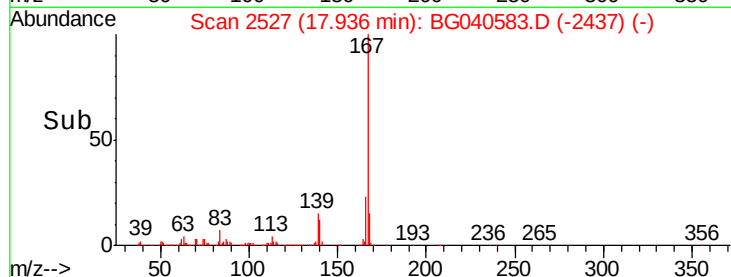
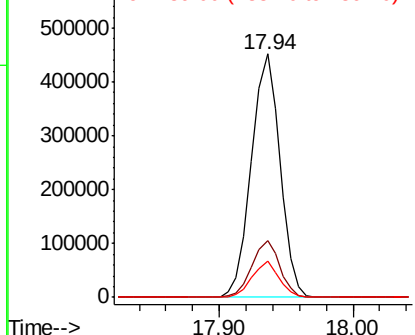


Abundance

Ion 167.00 (166.70 to 167.70): E

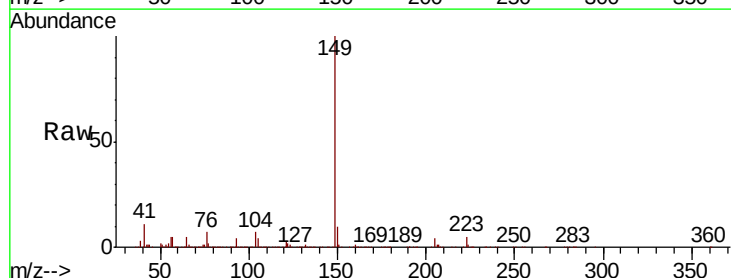
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 40.927 ng
 RT: 18.48 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BG040583.D
 Acq: 23 Apr 2019 22:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	7.1	5.4	8.2

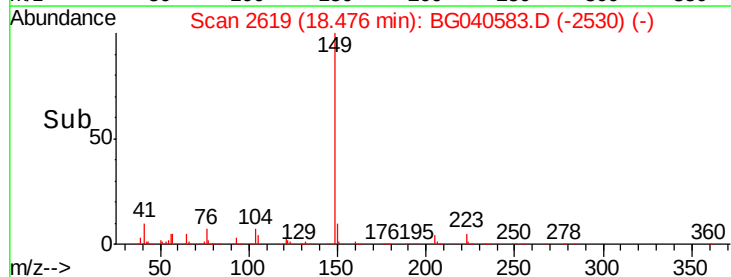
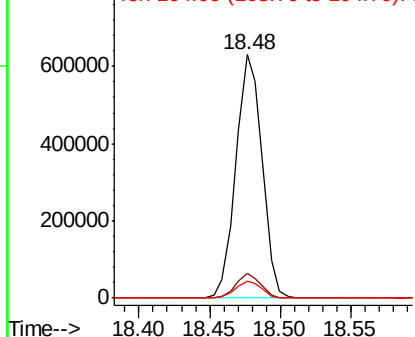


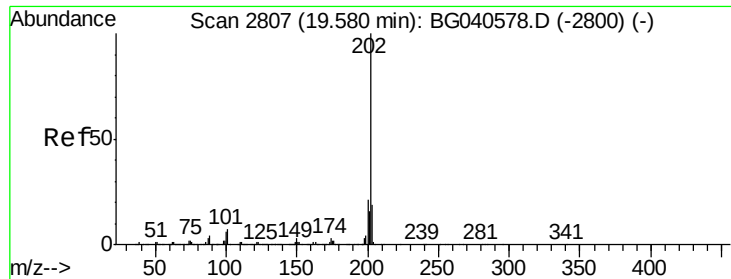
Abundance

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: 41.028 ng

RT: 19.58 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Instrument :

BNA_G

ClientSampleId :

ICVBG042319

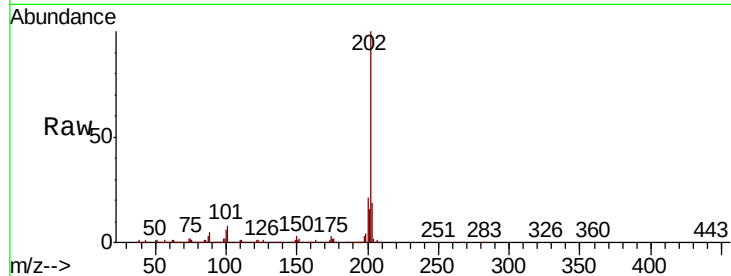
Tot Ion:202 Resp: 917969

Ion Ratio Lower Upper

202 100

101 7.8 0.0 27.5

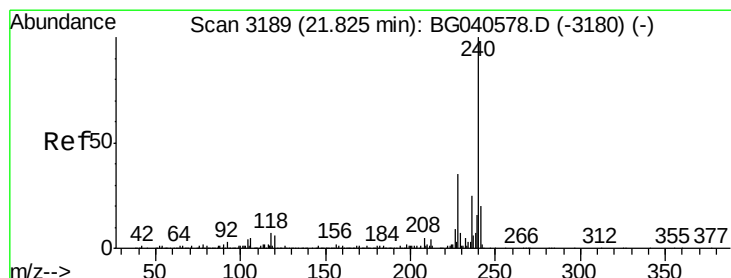
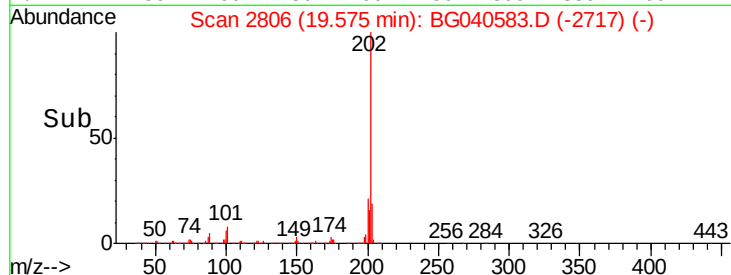
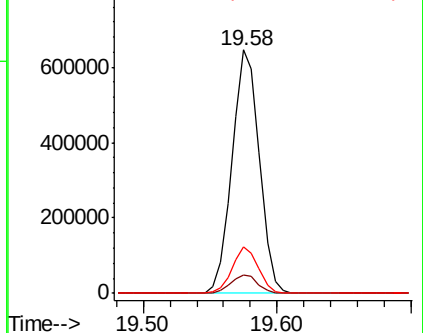
203 19.2 0.0 39.3



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: 21.83 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

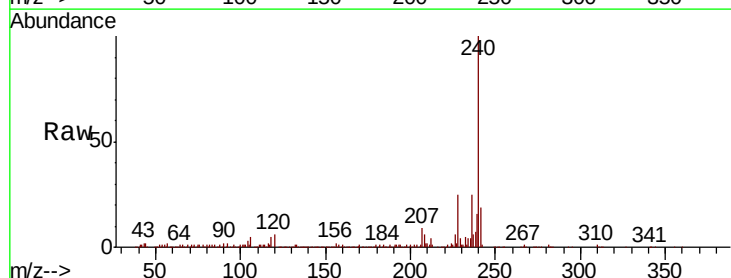
Tgt Ion:240 Resp: 360482

Ion Ratio Lower Upper

240 100

120 6.1 5.0 7.6

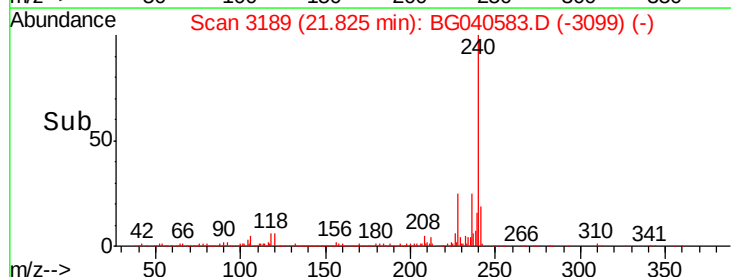
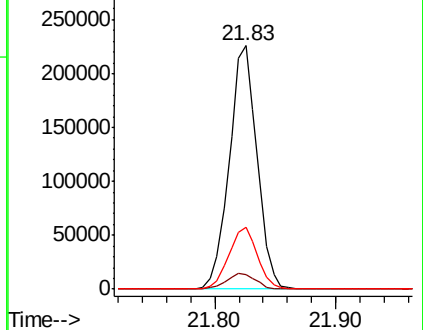
236 25.3 20.3 30.5

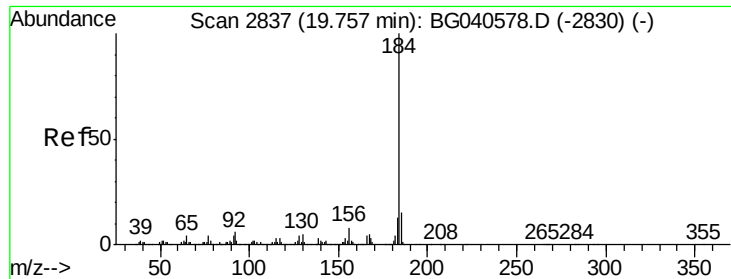


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.461 ng

RT: 19.76 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Instrument :

BNA_G

ClientSampleId :

ICVBG042319

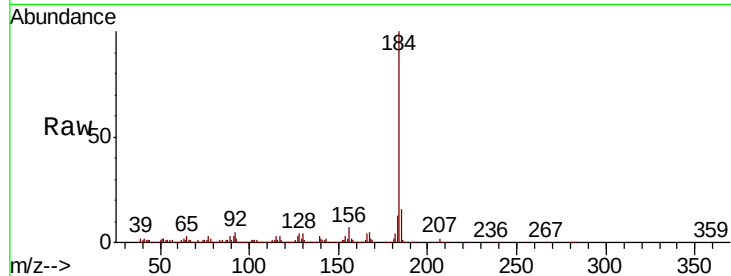
Tot Ion:184 Resp: 379621

Ion Ratio Lower Upper

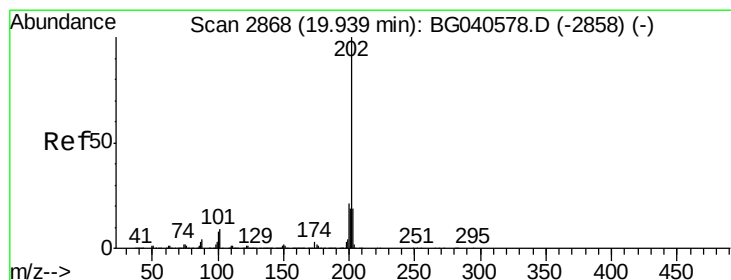
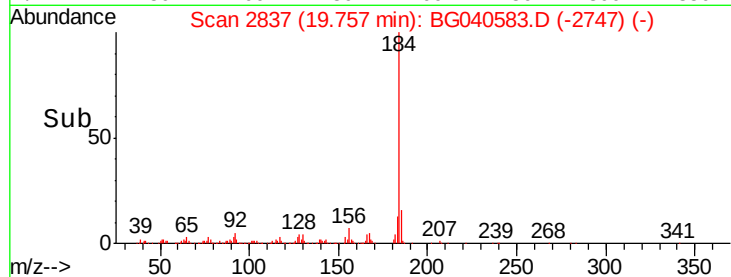
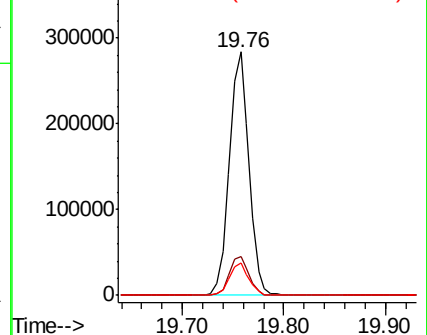
184 100

185 16.0 11.8 17.8

183 13.1 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.166 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

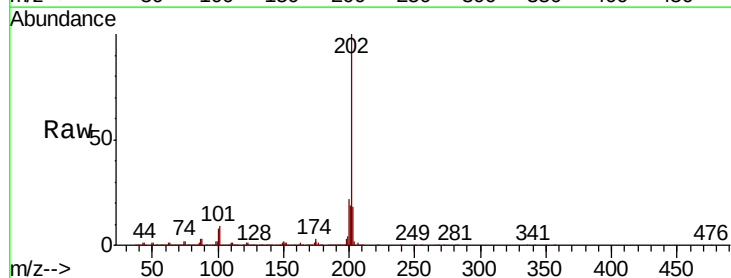
Tgt Ion:202 Resp: 930083

Ion Ratio Lower Upper

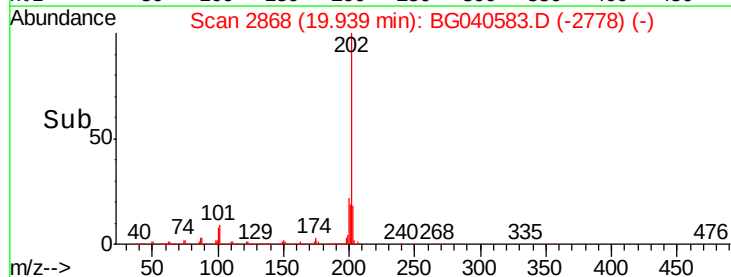
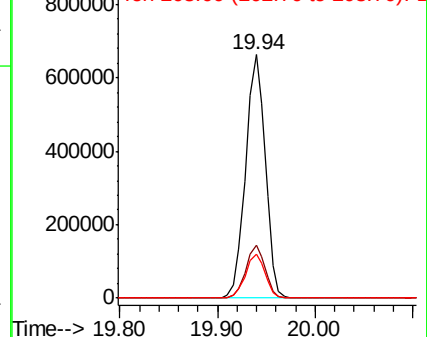
202 100

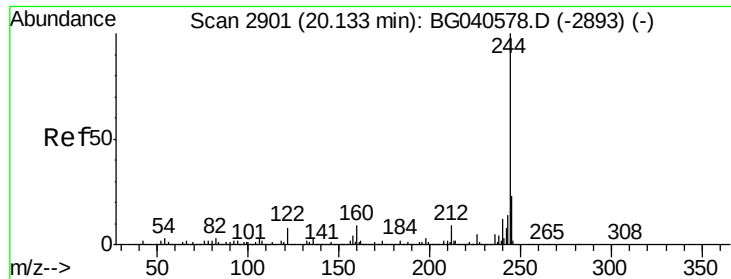
200 21.6 17.2 25.8

203 18.1 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: 83.420 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.01 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Instrument :

BNA_G

ClientSampleId :

ICVBG042319

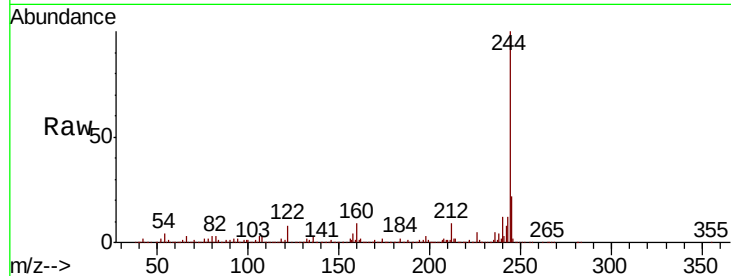
Tot Ion:244 Resp: 1357370

Ion Ratio Lower Upper

244 100

212 8.7 7.2 10.8

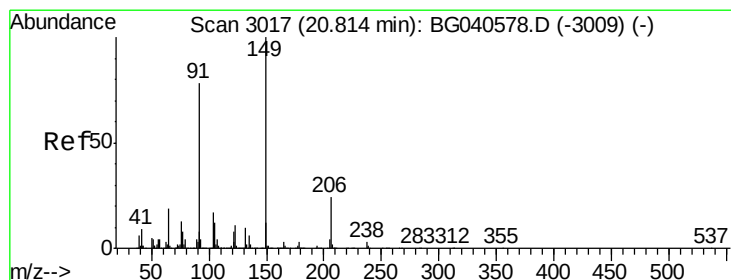
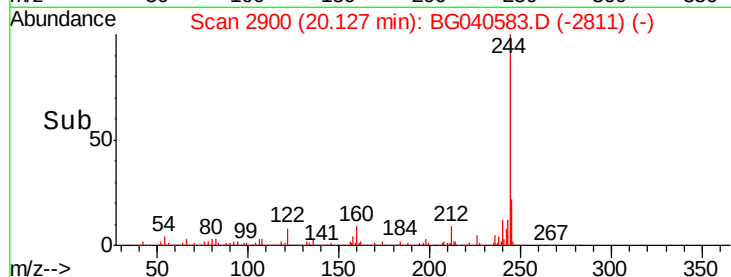
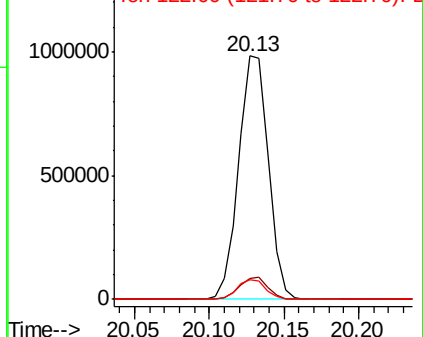
122 8.2 6.6 10.0



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: 40.183 ng

RT: 20.81 min Scan# 3017

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

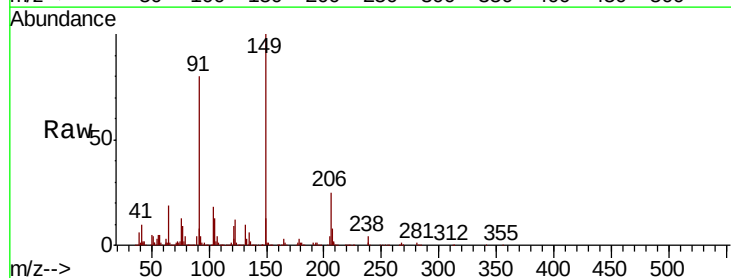
Tgt Ion:149 Resp: 353844

Ion Ratio Lower Upper

149 100

91 80.4 62.6 93.8

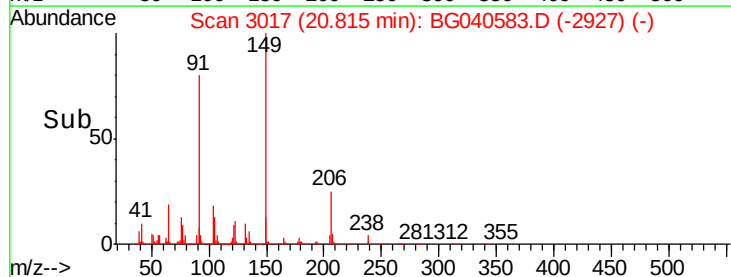
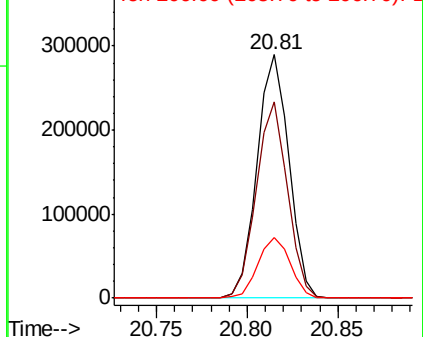
206 25.1 19.4 29.2

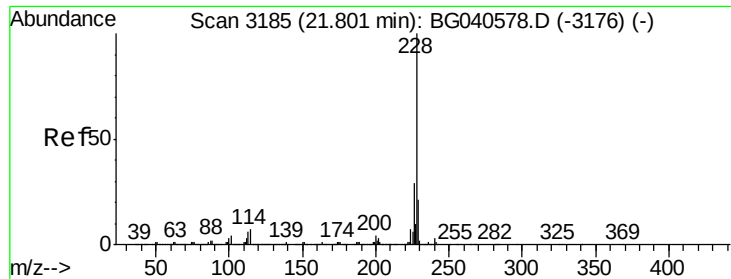


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.552 ng

RT: 21.80 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Instrument :

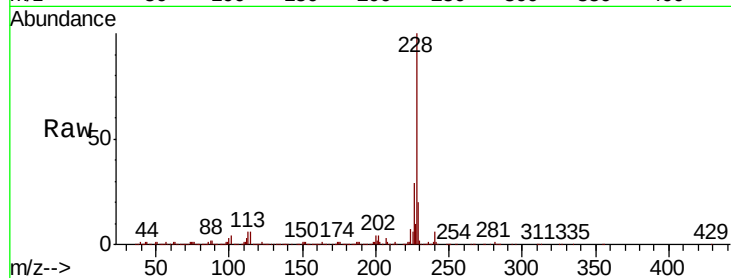
BNA_G

ClientSampleId :

ICVBG042319

Tot Ion:228 Resp: 923887

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.1	34.7
229	20.5	17.0	25.4

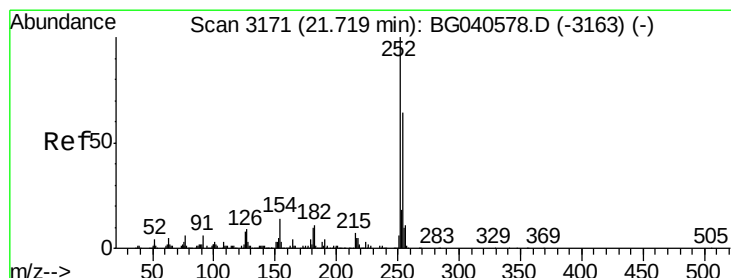
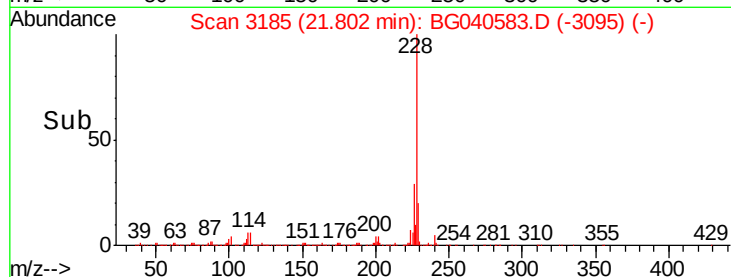
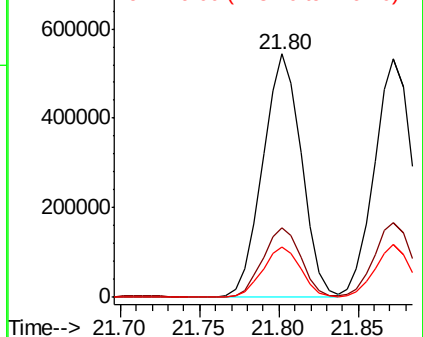


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 40.153 ng

RT: 21.71 min Scan# 3170

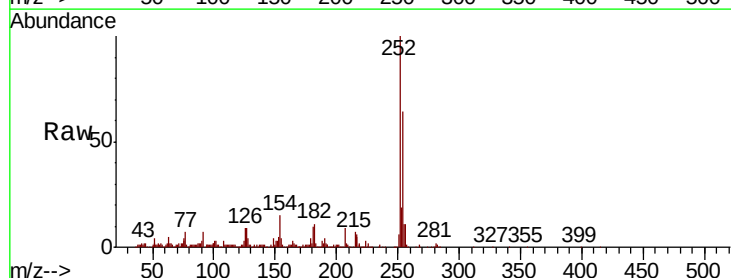
Delta R.T. -0.01 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Tgt Ion:252 Resp: 326058

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.2	76.8
126	9.1	6.6	10.0

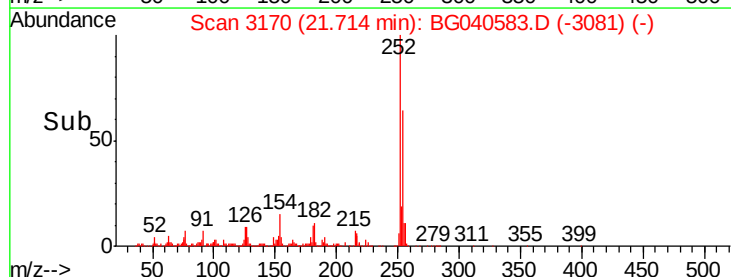
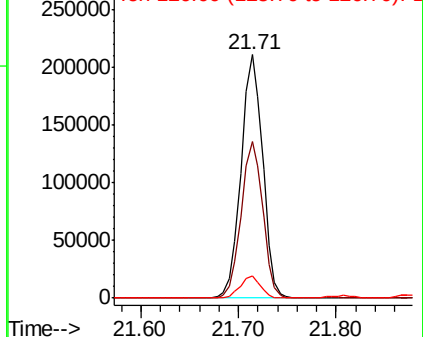


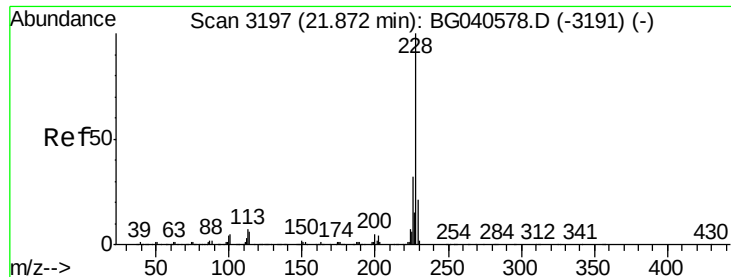
Abundance

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: 40.608 ng

RT: 21.87 min Scan# 3197

Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Instrument :

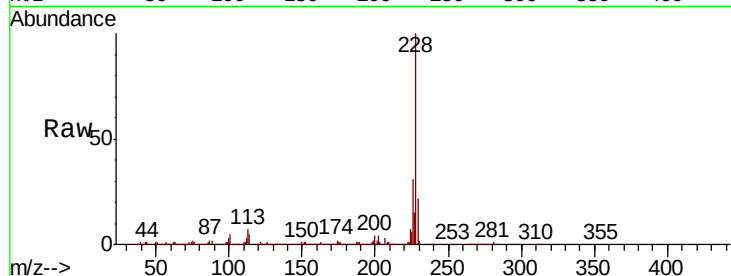
BNA_G

ClientSampleId :

ICVBG042319

Tot Ion:228 Resp: 879846

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.5	38.3
229	22.1	16.8	25.2

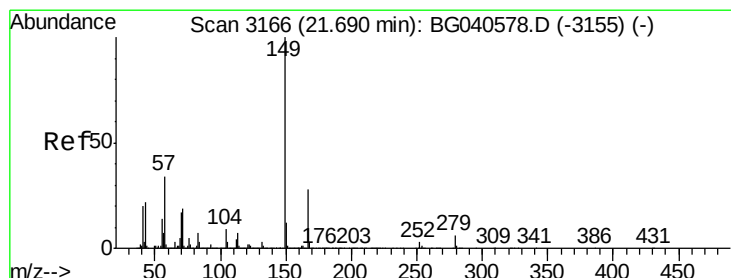
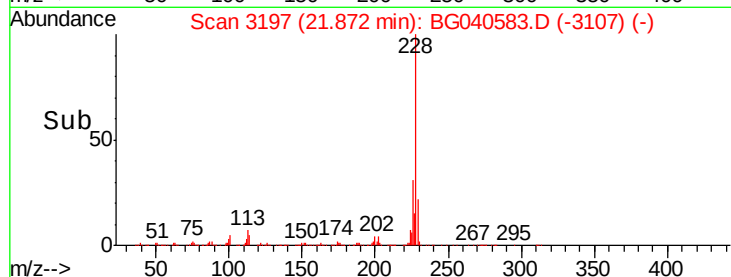
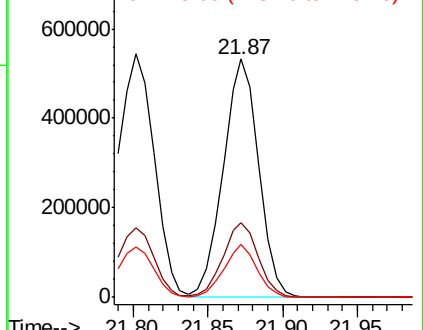


Abundance

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: 40.395 ng

RT: 21.69 min Scan# 3166

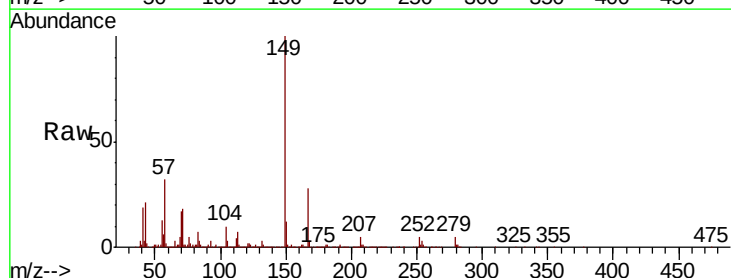
Delta R.T. 0.00 min

Lab File: BG040583.D

Acq: 23 Apr 2019 22:36

Tgt Ion:149 Resp: 513481

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.4	33.6
279	5.3	4.6	6.8

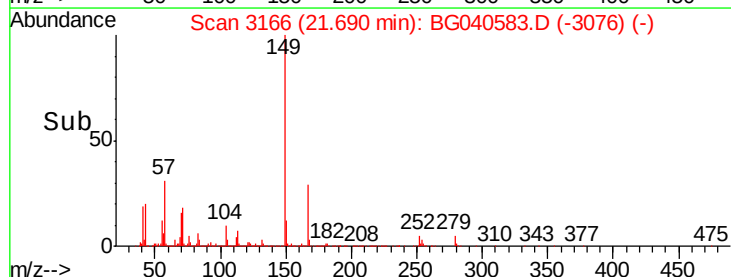
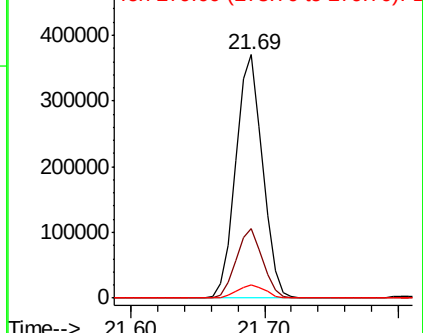


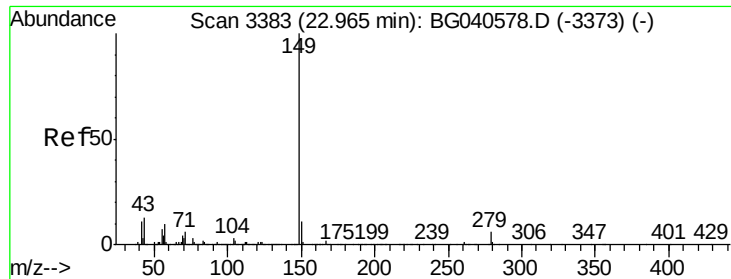
Abundance

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

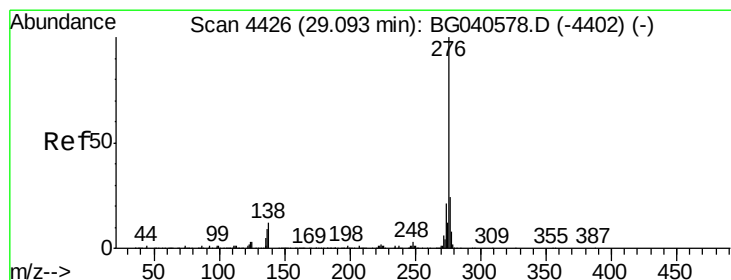
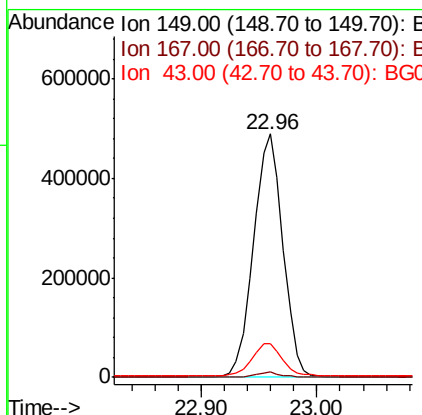
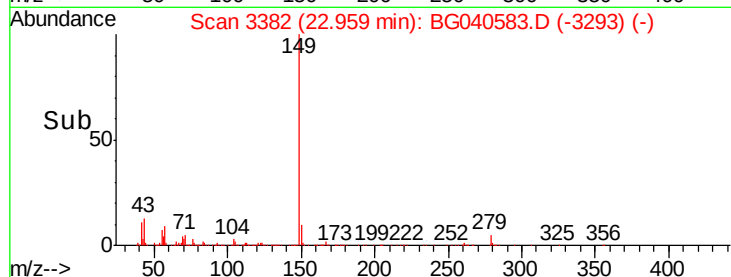
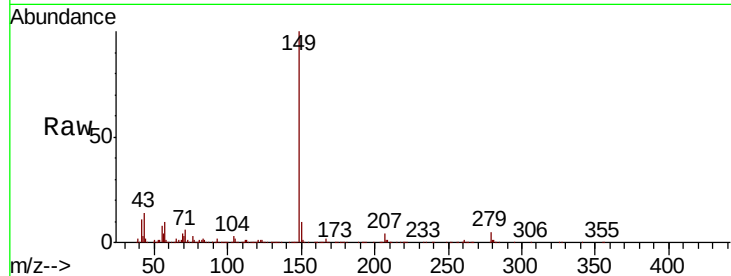




#85
Di-n-octyl phthalate
Concen: 40.432 ng
RT: 22.96 min Scan# 3382
Delta R.T. -0.01 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

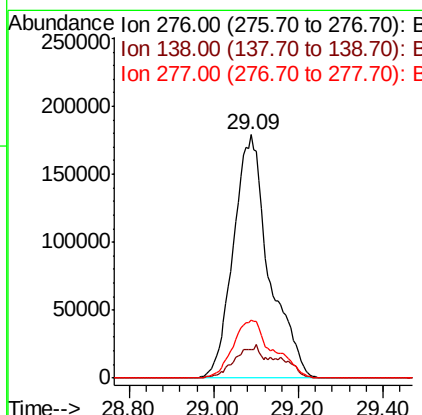
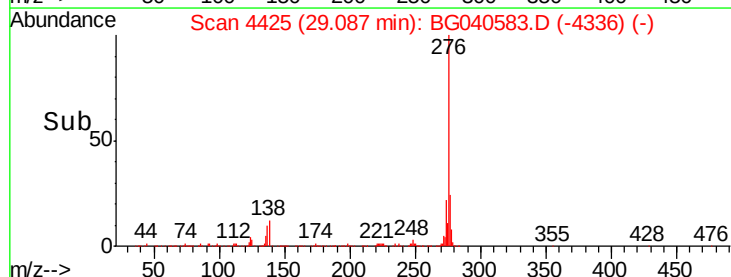
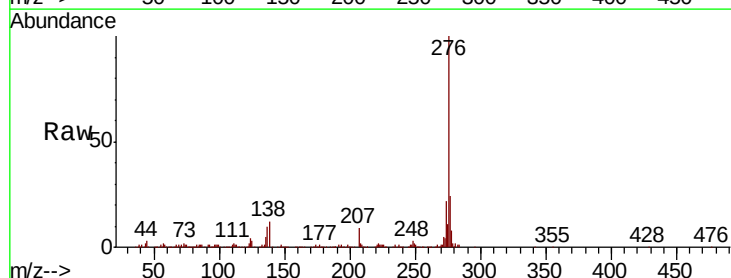
Instrument :
BNA_G
ClientSampleId :
ICVBG042319

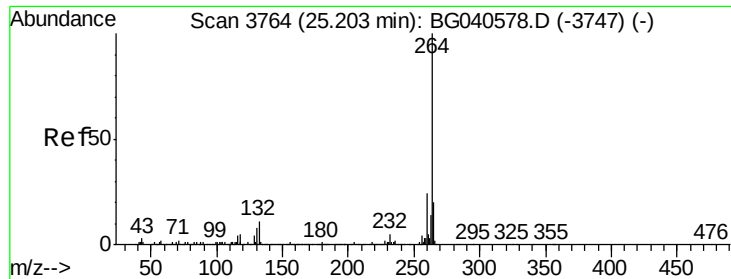
Tot Ion:149 Resp: 865560
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 13.7 10.2 15.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.847 ng
RT: 29.09 min Scan# 4425
Delta R.T. -0.01 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

Tgt Ion:276 Resp: 1043858
Ion Ratio Lower Upper
276 100
138 10.6 9.8 14.6
277 26.5 17.3 25.9#



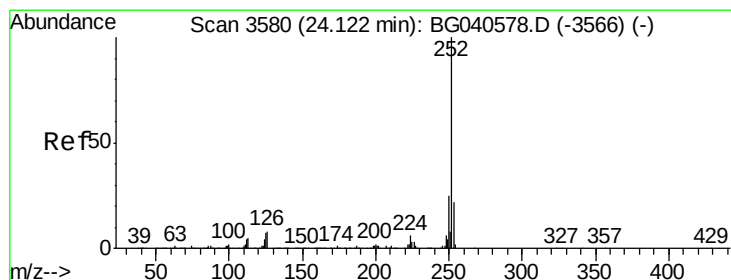
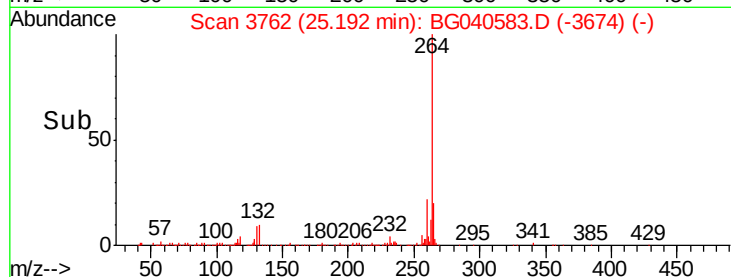
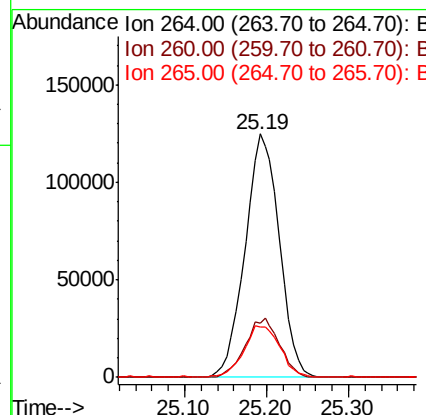
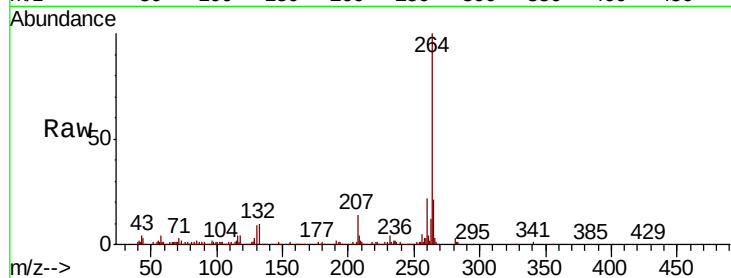


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

Instrument :
BNA_G
ClientSampleId :
ICVBG042319

Tot Ion:264 Resp: 361782

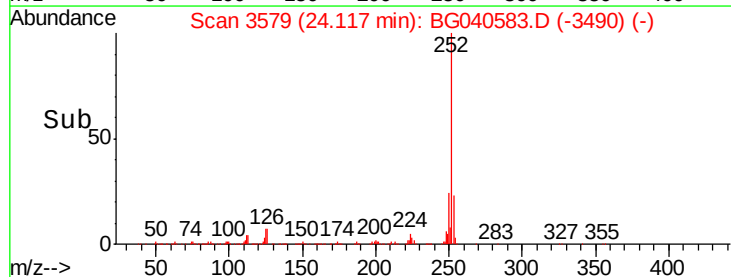
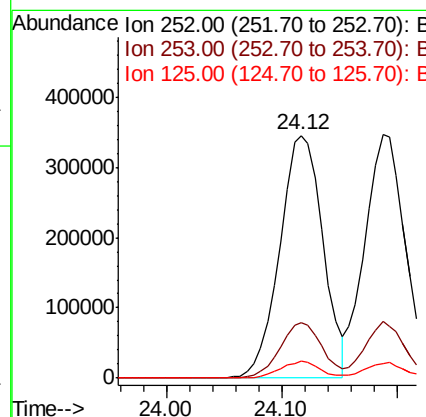
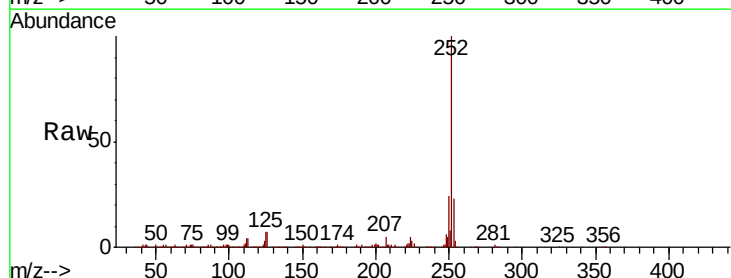
Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	20.7	16.6	25.0

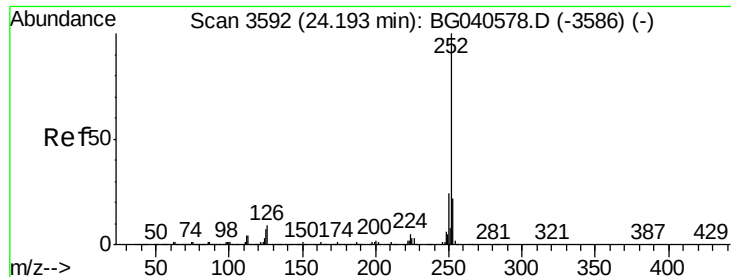


#88
Benzo(b)fluoranthene
Concen: 40.500 ng
RT: 24.12 min Scan# 3579
Delta R.T. -0.01 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

Tgt Ion:252 Resp: 895380

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	6.9	5.4	8.0

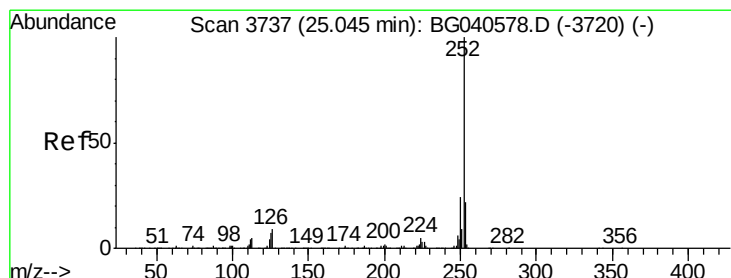
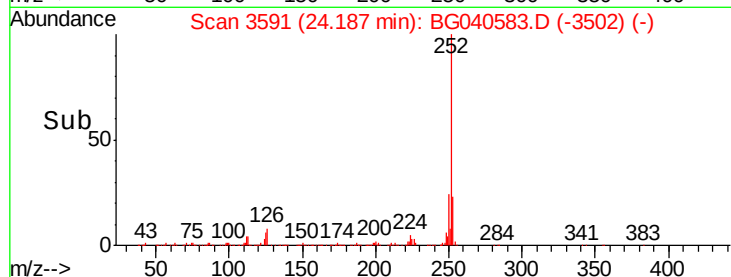
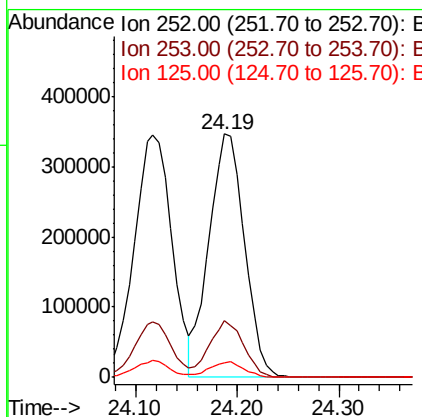
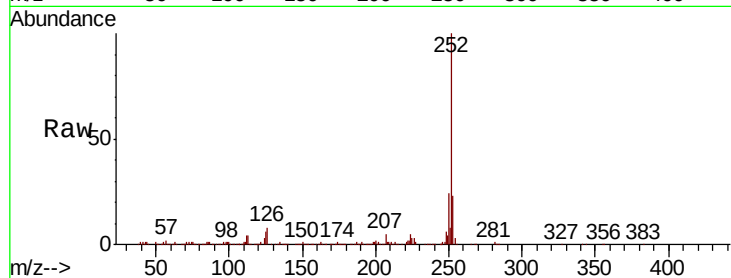




#89
Benzo(k)fluoranthene
Concen: 40.663 ng
RT: 24.19 min Scan# 3591
Delta R.T. -0.01 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

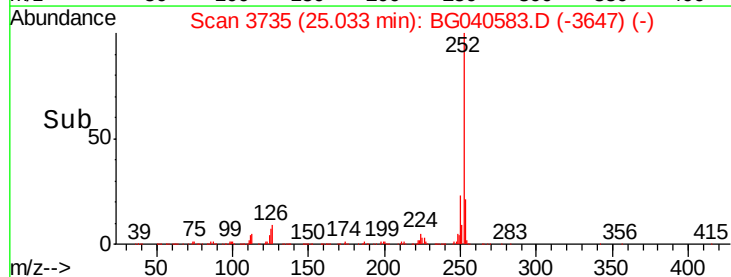
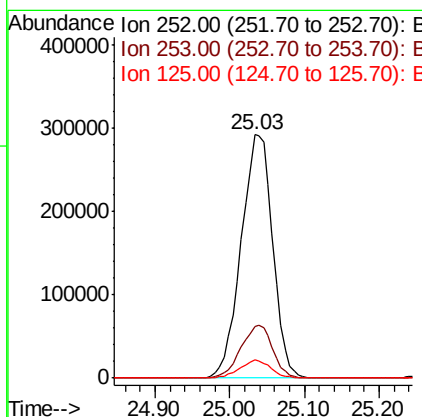
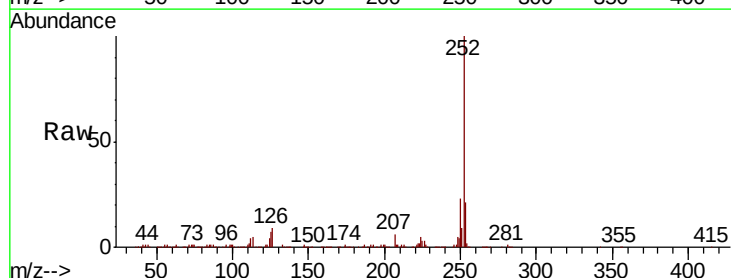
Instrument :
BNA_G
ClientSampleId :
ICVBG042319

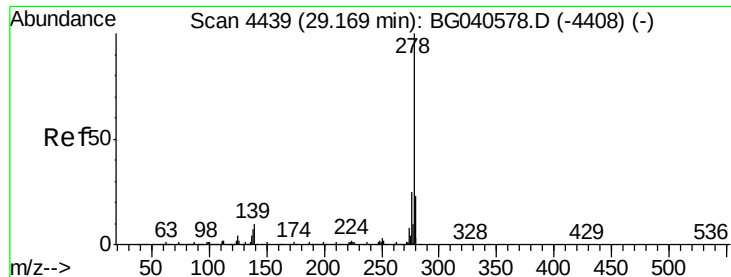
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	6.0	5.5	8.3



#90
Benzo(a)pyrene
Concen: 40.883 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.8	26.6
125	7.4	5.7	8.5

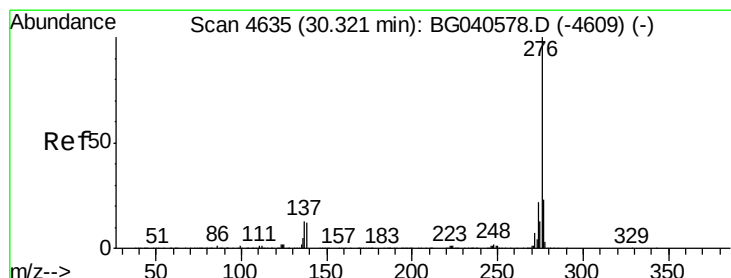
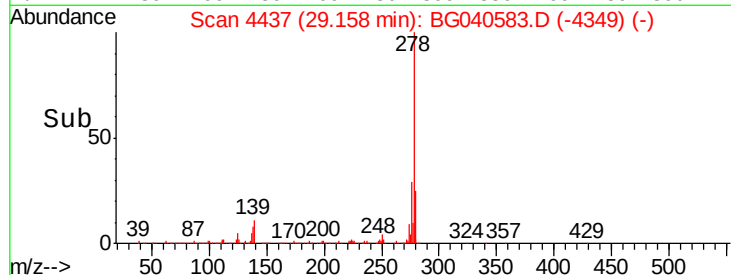
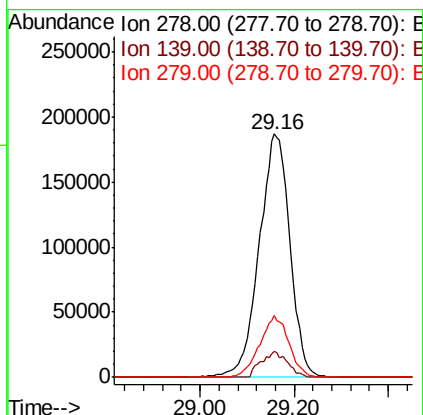
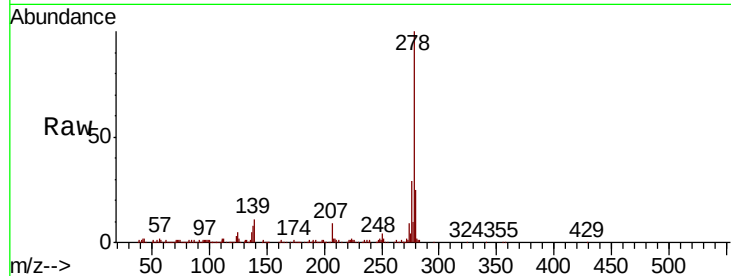




#91
Dibenzo(a,h)anthracene
Concen: 40.087 ng
RT: 29.16 min Scan# 4437
Delta R.T. -0.01 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

Instrument :
BNA_G
ClientSampleId :
ICVBG042319

Tot Ion:278 Resp: 848946
Ion Ratio Lower Upper
278 100
139 10.6 8.2 12.4
279 25.3 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 39.997 ng
RT: 30.32 min Scan# 4634
Delta R.T. -0.01 min
Lab File: BG040583.D
Acq: 23 Apr 2019 22:36

Tgt Ion:276 Resp: 842991
Ion Ratio Lower Upper
276 100
277 25.4 18.4 27.6
138 12.7 9.8 14.6

