

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044363.D
 Acq On : 10 Feb 2020 19:19
 Operator : CG/JU
 Sample : L1470-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 11 02:52:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	60735	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	272720	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	191275	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	462973	20.00	ng	0.00
76) Chrysene-d12	21.54	240	452724	20.00	ng	0.00
87) Perylene-d12	24.61	264	490142	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	430881	125.21	ng	0.00
7) Phenol-d6	7.08	99	584197	126.42	ng	0.00
23) Nitrobenzene-d5	9.06	82	343551	71.12	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	274667	122.32	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	830792	72.73	ng	0.00
79) Terphenyl-d14	19.90	244	1489071	67.65	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	65616	42.437	ng	98
3) Pyridine	3.76	79	162712	39.499	ng	99
4) n-Nitrosodimethylamine	3.67	42	85141	49.461	ng	97
6) Aniline	7.22	93	168692	29.408	ng	99
8) 2-Chlorophenol	7.47	128	223960	59.215	ng	99
9) Benzaldehyde	7.04	77	90533	34.397	ng	99
10) Phenol	7.10	94	277180	60.605	ng	98
11) bis(2-Chloroethyl)ether	7.32	93	200471	51.271	ng	99
12) 1,3-Dichlorobenzene	7.79	146	221050	48.950	ng	97
13) 1,4-Dichlorobenzene	7.94	146	223780	50.034	ng	98
14) 1,2-Dichlorobenzene	8.26	146	212099	50.171	ng	97
15) Benzyl Alcohol	8.14	79	179956	55.003	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.43	45	256917	48.547	ng	99
17) 2-Methylphenol	8.35	107	191994	58.838	ng	100
18) Hexachloroethane	8.99	117	80154	47.757	ng	99
19) n-Nitroso-di-n-propylamine	8.71	70	160058	51.969	ng	97
20) 3+4-Methylphenols	8.68	107	263980	58.701	ng	99
22) Acetophenone	8.72	105	305567	46.058	ng	99
24) Nitrobenzene	9.10	77	229353	48.634	ng	100
25) Isophorone	9.63	82	456399	50.690	ng	99
26) 2-Nitrophenol	9.81	139	125743	51.386	ng	99
27) 2,4-Dimethylphenol	9.88	122	218915	63.376	ng	98
28) bis(2-Chloroethoxy)methane	10.11	93	285325	47.504	ng	99
29) 2,4-Dichlorophenol	10.36	162	228028	54.595	ng	98
30) 1,2,4-Trichlorobenzene	10.57	180	223227	46.610	ng	99
31) Naphthalene	10.75	128	660276	49.902	ng	99
32) Benzoic acid	10.04	122	76515	37.872	ng	95
33) 4-Chloroaniline	10.87	127	64910	10.786	ng	96
34) Hexachlorobutadiene	11.05	225	130090	44.144	ng	98
35) Caprolactam	11.63	113	45679	29.855	ng	97
36) 4-Chloro-3-methylphenol	11.99	107	249099	56.883	ng	99
37) 2-Methylnaphthalene	12.36	142	501544	51.052	ng	99
38) 1-Methylnaphthalene	12.58	142	477363	51.540	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	249238	43.560	ng	98

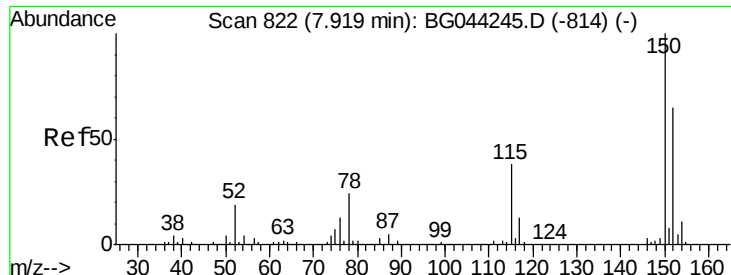
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	295544	107.650	ng	99
43) 2,4,6-Trichlorophenol	12.98	196	188576	50.989	ng	97
44) 2,4,5-Trichlorophenol	13.05	196	205203	54.323	ng	99
46) 1,1'-Biphenyl	13.38	154	654416	47.432	ng	99
47) 2-Chloronaphthalene	13.42	162	509513	46.408	ng	100
48) 2-Nitroaniline	13.62	65	155593	48.021	ng	96
49) Acenaphthylene	14.26	152	833581	51.765	ng	99
50) Dimethylphthalate	14.00	163	730379	53.121	ng	100
51) 2,6-Dinitrotoluene	14.11	165	159012	51.869	ng	99
52) Acenaphthene	14.61	154	508778	48.745	ng	98
53) 3-Nitroaniline	14.44	138	64338	18.969	ng	98
54) 2,4-Dinitrophenol	14.65	184	183943	99.234	ng	99
55) Dibenzofuran	14.94	168	808099	51.136	ng	99
56) 4-Nitrophenol	14.77	139	315896	127.151	ng	99
57) 2,4-Dinitrotoluene	14.90	165	228541	53.189	ng	99
58) Fluorene	15.59	166	648450	52.098	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.17	232	193069	56.584	ng	99
60) Diethylphthalate	15.37	149	721266	52.646	ng	99
61) 4-Chlorophenyl-phenylether	15.58	204	341017	50.530	ng	97
62) 4-Nitroaniline	15.61	138	166957	49.263	ng	98
63) Azobenzene	15.88	77	633749	52.780	ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	143431	56.124	ng	98
66) n-Nitrosodiphenylamine	15.80	169	621219	47.880	ng	99
67) 4-Bromophenyl-phenylether	16.48	248	233300	46.253	ng	99
68) Hexachlorobenzene	16.60	284	256922	45.465	ng	100
69) Atrazine	16.75	200	252958	56.882	ng	99
70) Pentachlorophenol	16.95	266	296919	102.965	ng	97
71) Phenanthrene	17.33	178	1111141	49.563	ng	99
72) Anthracene	17.42	178	1146541	51.729	ng	99
73) Carbazole	17.69	167	1058284	51.793	ng	100
74) Di-n-butylphthalate	18.26	149	1292237	51.177	ng	100
75) Fluoranthene	19.34	202	1356910	52.321	ng	100
77) Benzidine	19.51	184	460908	36.704	ng	99
78) Pyrene	19.70	202	1359948	46.775	ng	99
80) Butylbenzylphthalate	20.59	149	594802	44.893	ng	97
81) Benzo(a)anthracene	21.51	228	1303169	46.706	ng	100
82) 3,3'-Dichlorobenzidine	21.43	252	223786	20.665	ng	99
83) Chrysene	21.58	228	1242228	46.060	ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	844545	46.310	ng	99
85) Di-n-octyl phthalate	22.60	149	1458250	46.215	ng	100
86) Indeno(1,2,3-cd)pyrene	28.12	276	1634564	46.455	ng	100
88) Benzo(b)fluoranthene	23.65	252	1391057	49.252	ng	99
89) Benzo(k)fluoranthene	23.71	252	1369406	49.747	ng	99
90) Benzo(a)pyrene	24.47	252	1296703	48.558	ng	98
91) Dibenzo(a,h)anthracene	28.17	278	1343720	50.844	ng	98
92) Benzo(g,h,i)perylene	29.20	276	1369060	51.748	ng	99

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

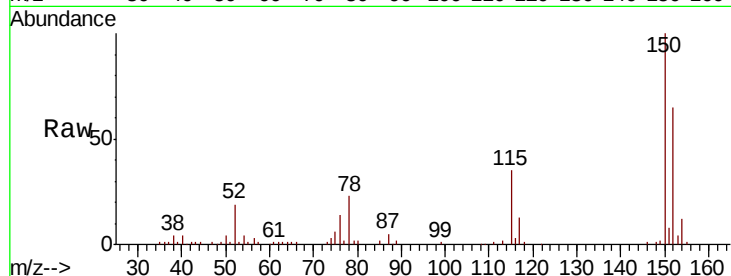


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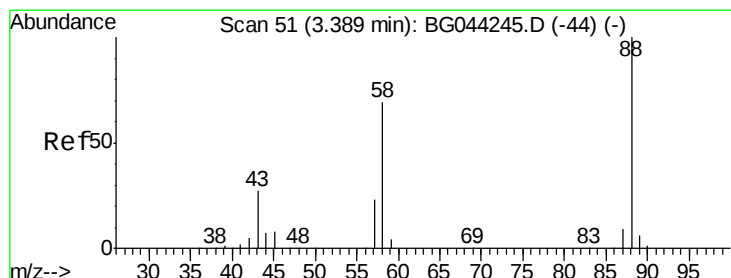
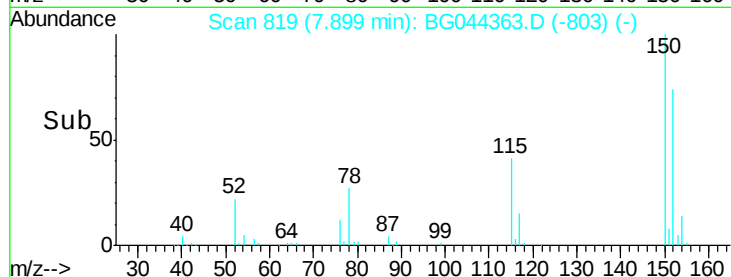
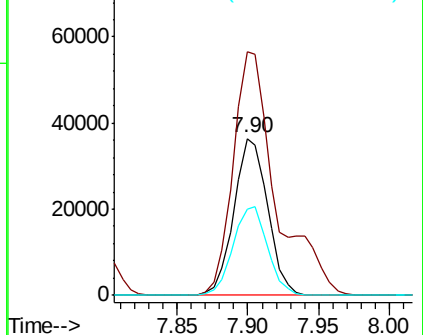
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.6	183.8
115	54.5	46.0	69.0



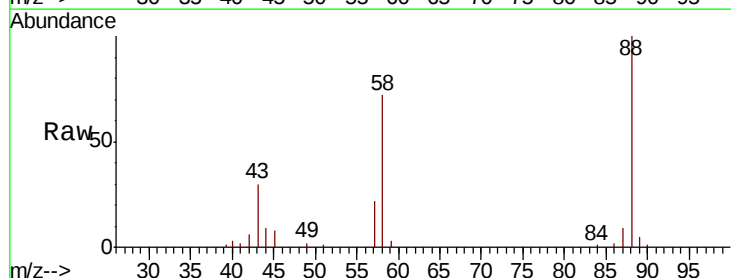
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



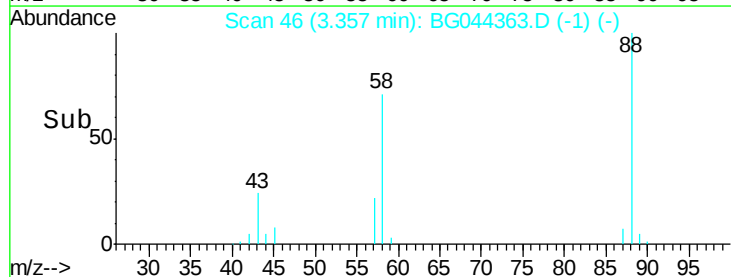
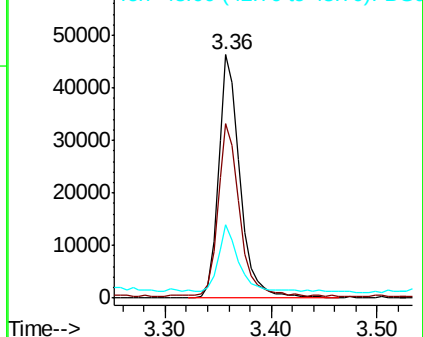
#2

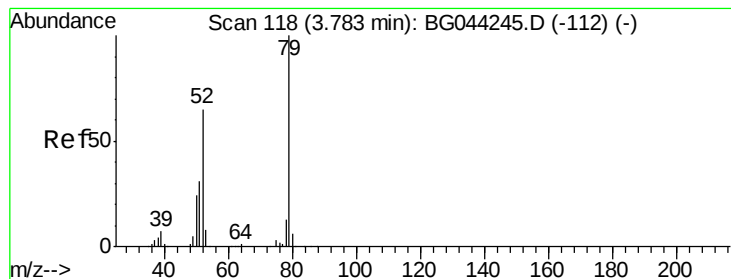
1,4-Dioxane
 Concen: 42.437 ng
 RT: 3.36 min Scan# 46
 Delta R.T. -0.01 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.3	55.8	83.6
43	24.9	21.6	32.4



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: 39.499 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

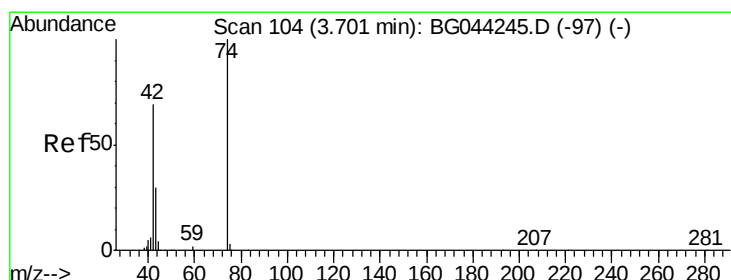
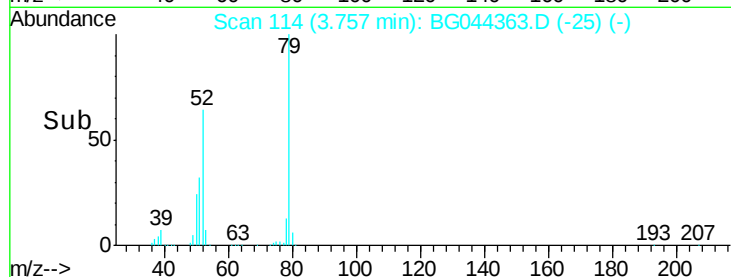
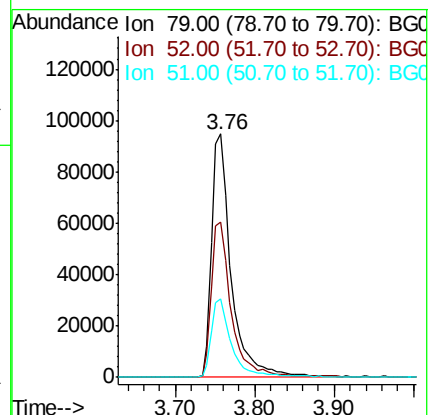
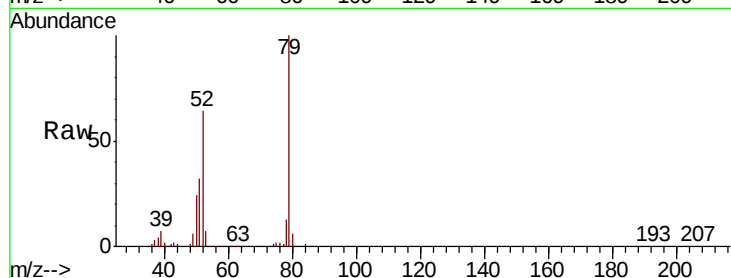
Tot Ion: 79 Resp: 162712

Ion Ratio Lower Upper

79 100

52 63.8 51.9 77.9

51 32.2 25.3 37.9



#4

n-Nitrosodimethylamine

Concen: 49.461 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.01 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

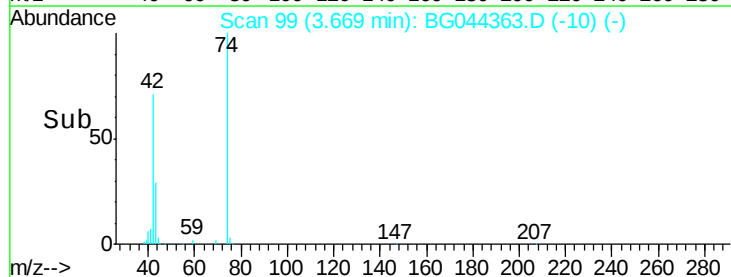
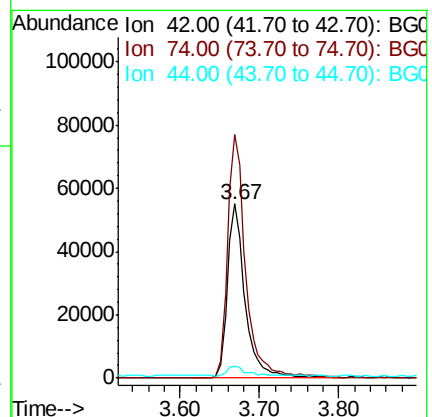
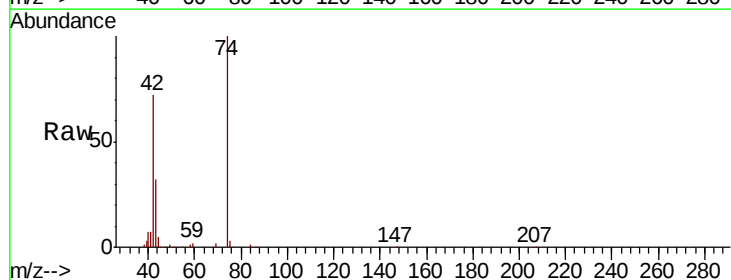
Tgt Ion: 42 Resp: 85141

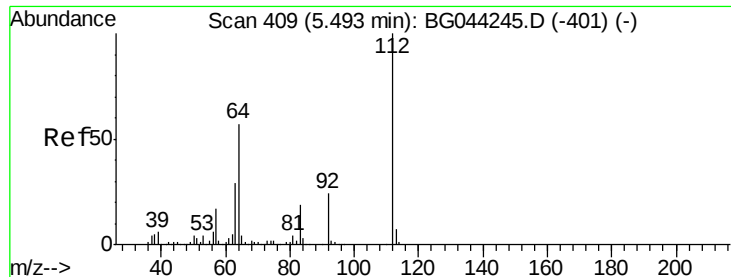
Ion Ratio Lower Upper

42 100

74 139.7 115.1 172.7

44 7.0 5.6 8.4





#5

2-Fluorophenol

Concen: 125.206 ng

RT: 5.48 min Scan# 407

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

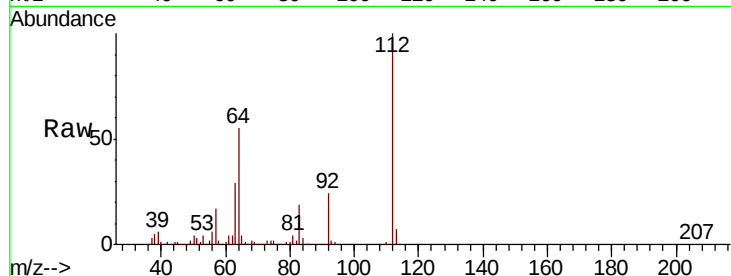
Tot Ion:112 Resp: 430881

Ion Ratio Lower Upper

112 100

64 55.2 45.4 68.2

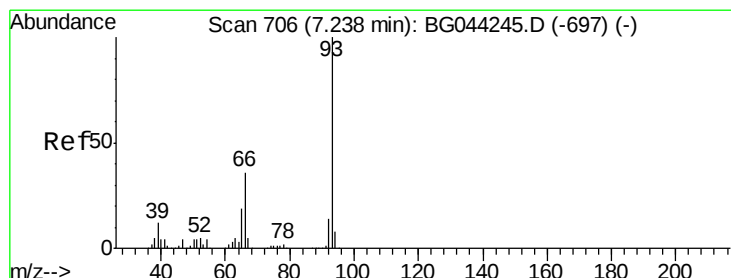
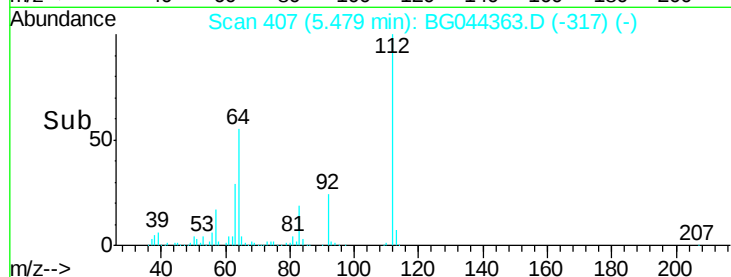
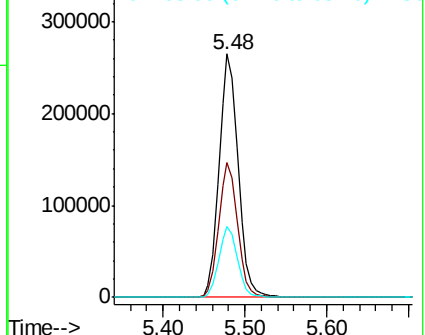
63 29.0 22.9 34.3



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: 29.408 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

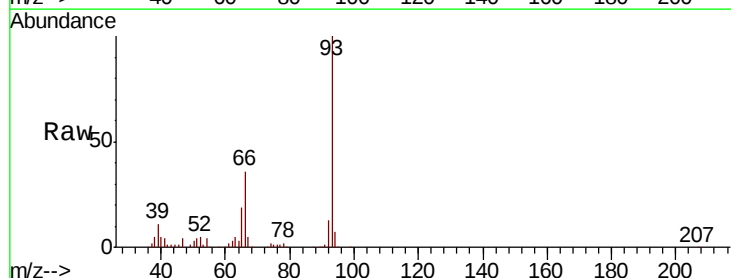
Tgt Ion: 93 Resp: 168692

Ion Ratio Lower Upper

93 100

66 35.8 28.7 43.1

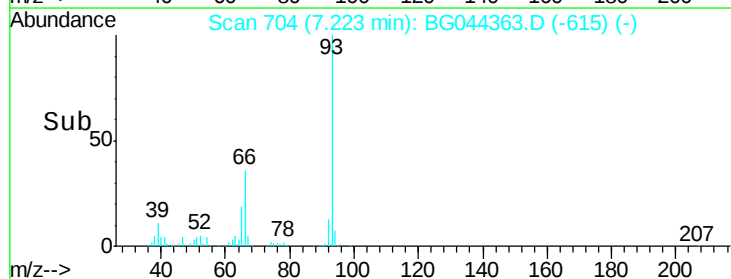
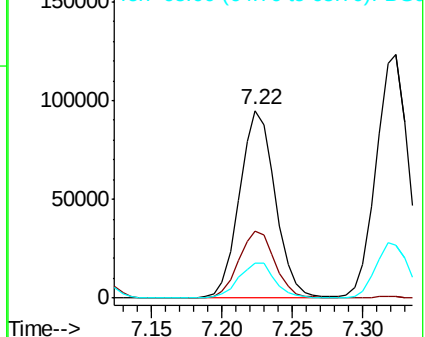
65 18.6 15.4 23.0

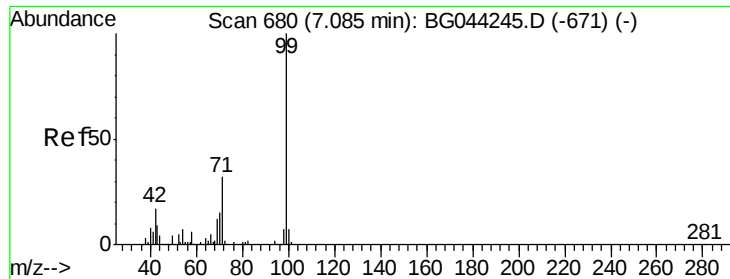


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.415 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

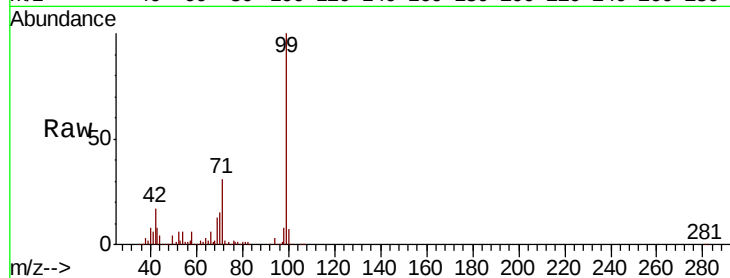
Tot Ion: 99 Resp: 584197

Ion Ratio Lower Upper

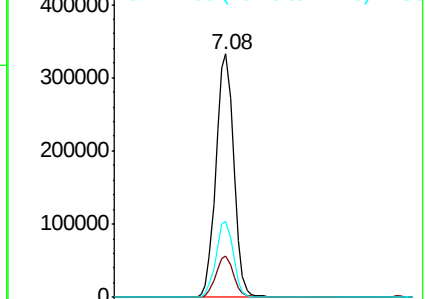
99 100

42 16.9 13.8 20.6

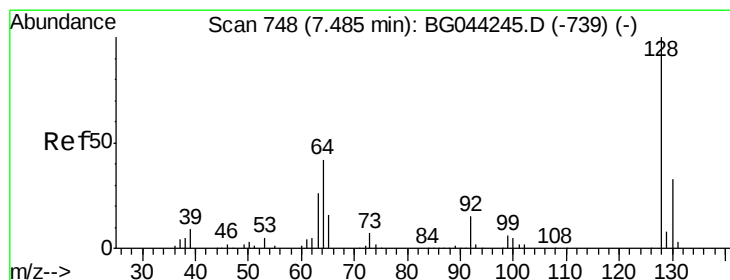
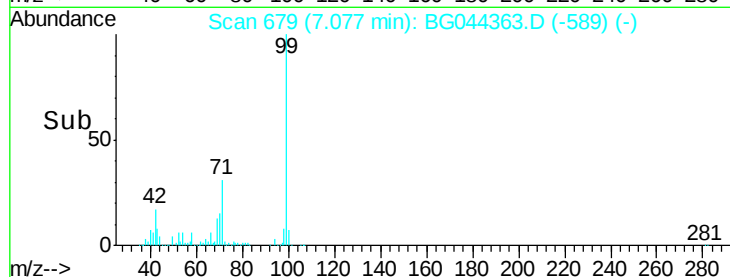
71 31.4 25.5 38.3



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



Time-->



#8

2-Chlorophenol

Concen: 59.215 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

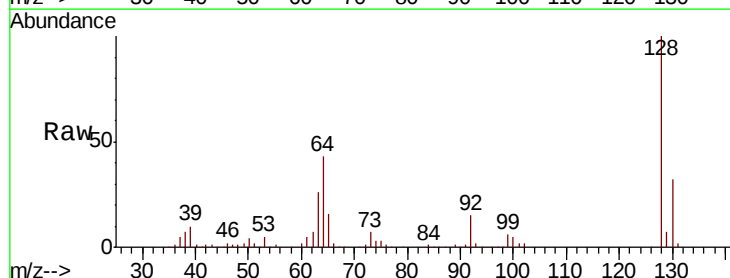
Tgt Ion:128 Resp: 223960

Ion Ratio Lower Upper

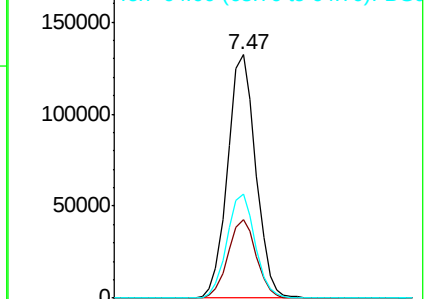
128 100

130 32.5 12.5 52.5

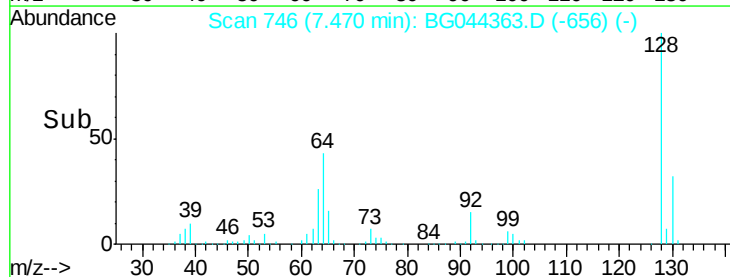
64 42.9 24.2 64.2

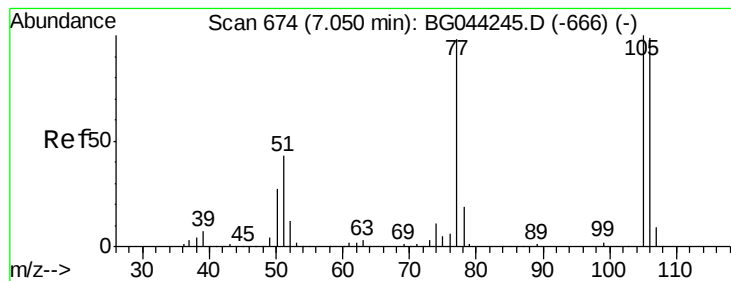


Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC



Time-->





#9

Benzaldehyde

Concen: 34.397 ng

RT: 7.04 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

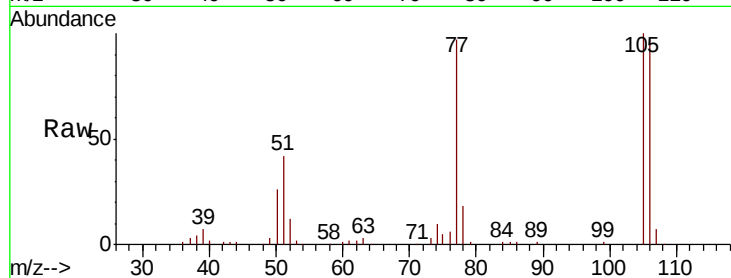
Tot Ion: 77 Resp: 90533

Ion Ratio Lower Upper

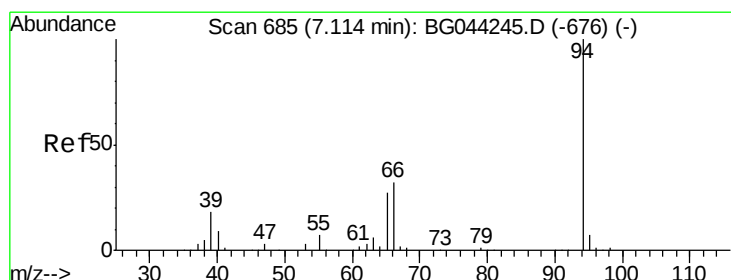
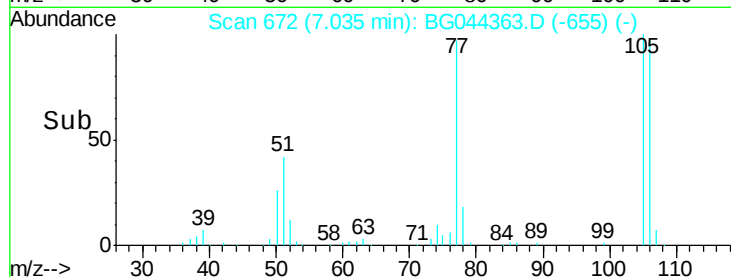
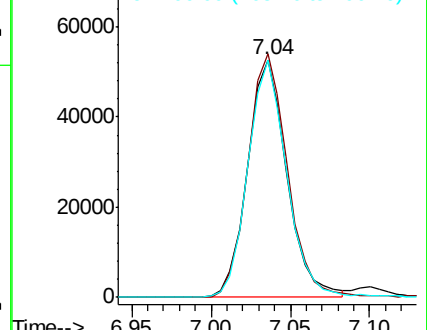
77 100

105 102.6 82.0 122.0

106 99.9 80.7 120.7



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: 60.605 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

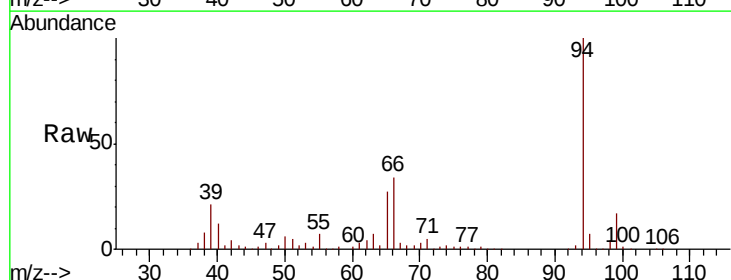
Tgt Ion: 94 Resp: 277180

Ion Ratio Lower Upper

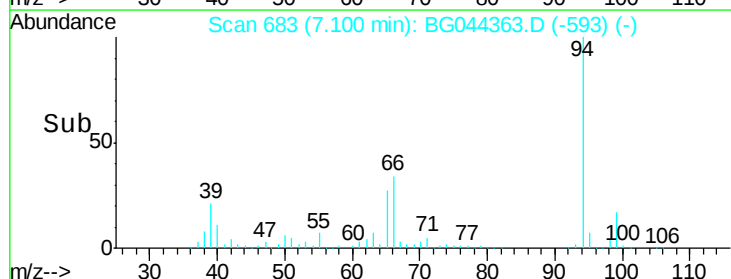
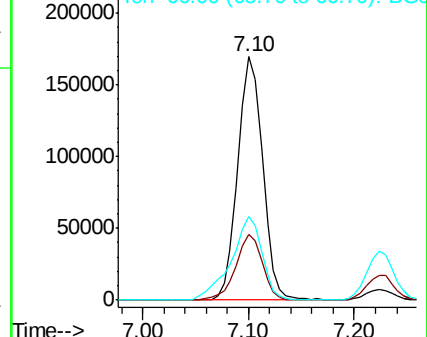
94 100

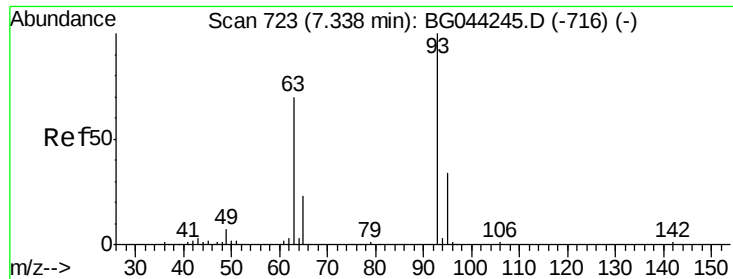
65 27.2 7.0 47.0

66 34.5 12.7 52.7



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

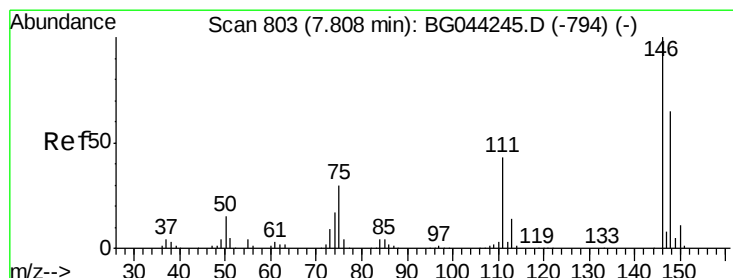
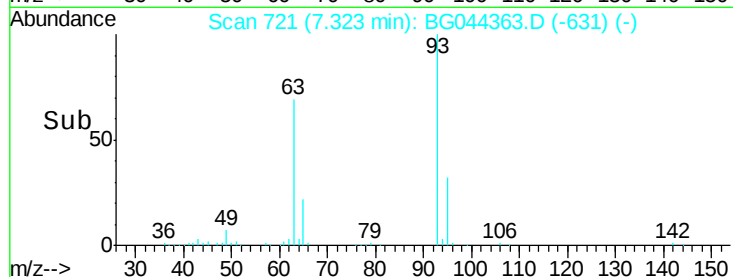
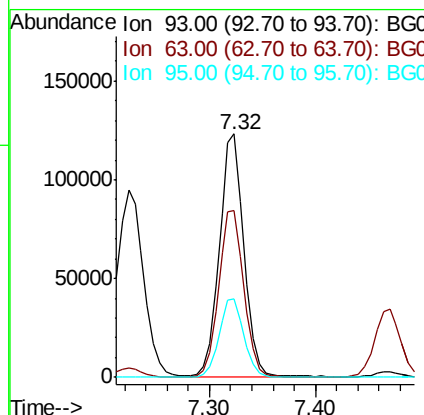
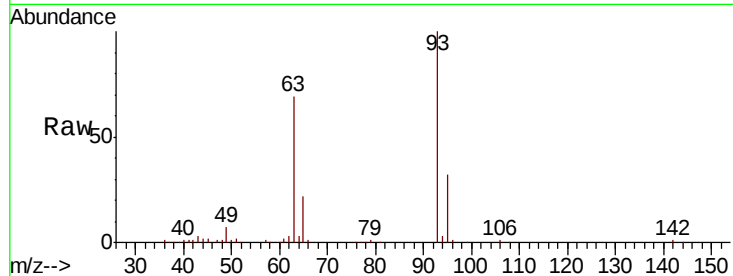




#11
 bis(2-Chloroethyl)ether
 Concen: 51.271 ng
 RT: 7.32 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

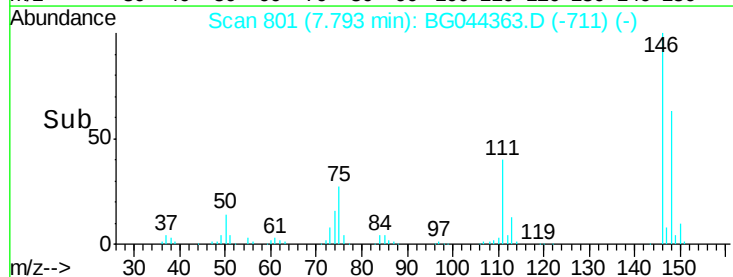
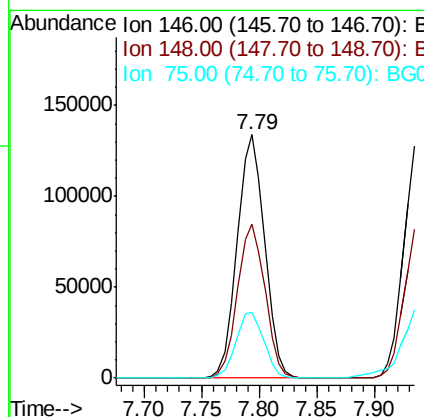
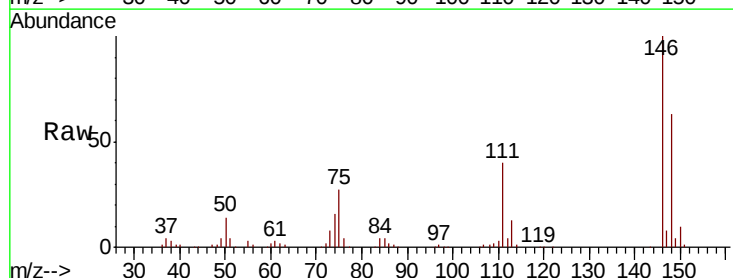
Instrument :
 BNA_G
 ClientSampleId :

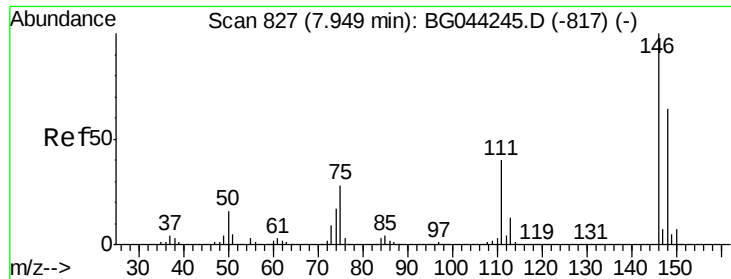
Tot Ion	93	Resp	200471
Ion	Ratio	Lower	Upper
93	100		
63	68.5	49.2	89.2
95	32.3	13.6	53.6



#12
 1,3-Dichlorobenzene
 Concen: 48.950 ng
 RT: 7.79 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Tgt Ion	146	Resp	221050
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.8
75	27.1	23.7	35.5

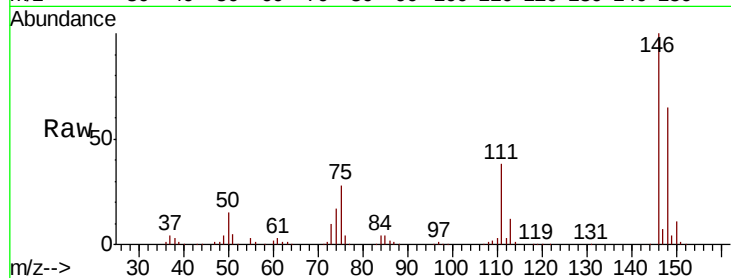




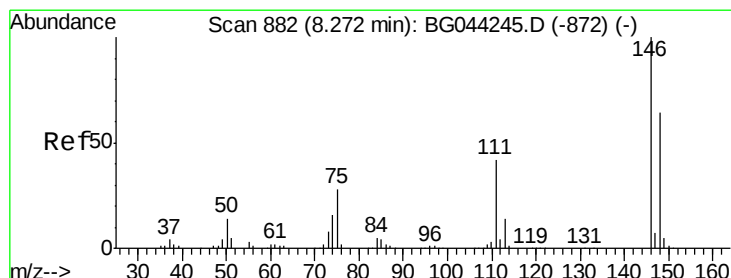
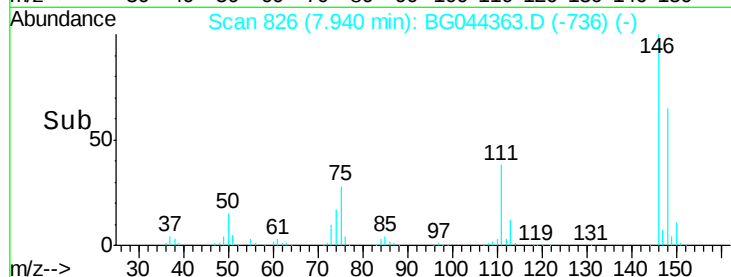
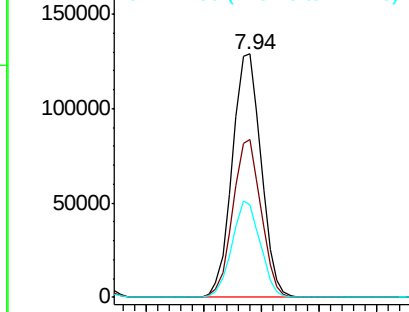
#13
 1,4-Dichlorobenzene
 Concen: 50.034 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.0
111	38.2	31.8	47.8

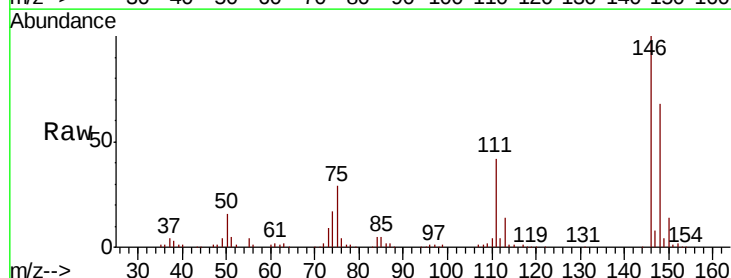


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

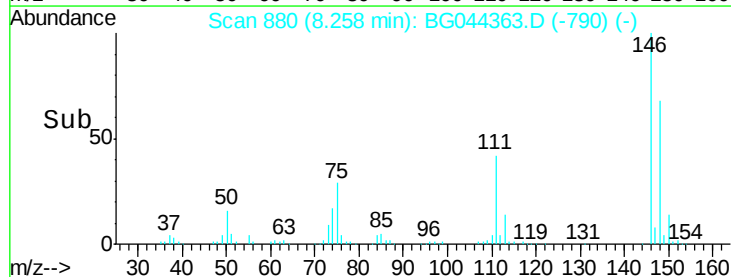
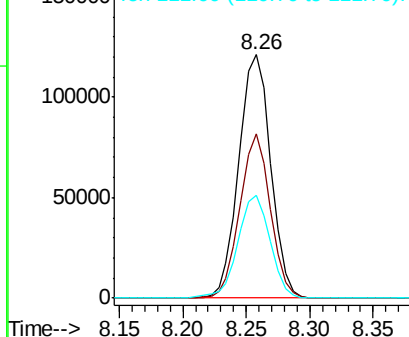


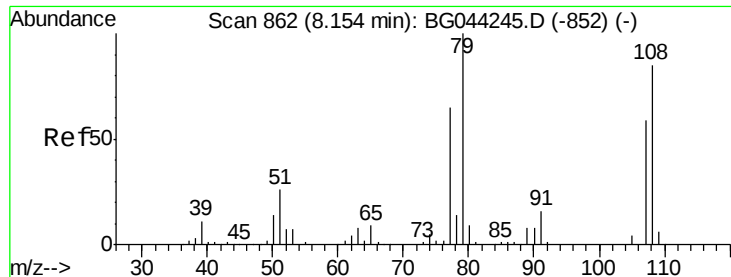
#14
 1,2-Dichlorobenzene
 Concen: 50.171 ng
 RT: 8.26 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.6	51.2	76.8
111	42.1	34.0	51.0



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: 55.003 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

ClientSampled :

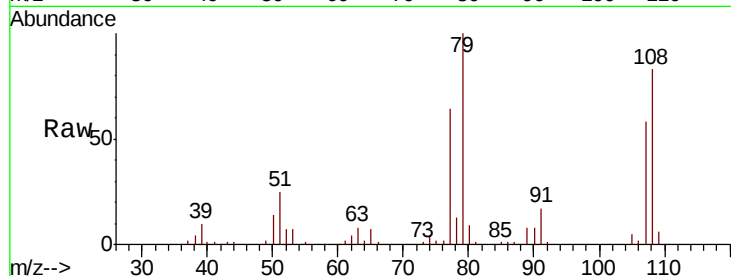
Tot Ion: 79 Resp: 179956

Ion Ratio Lower Upper

79 100

108 82.6 68.3 102.5

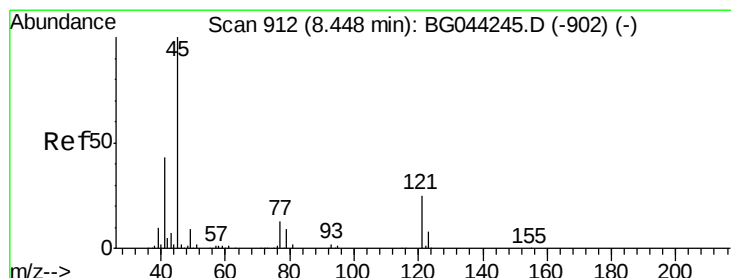
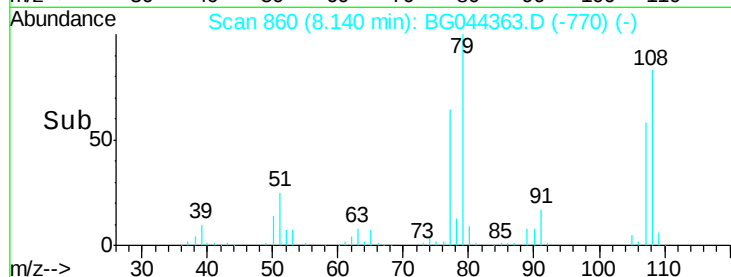
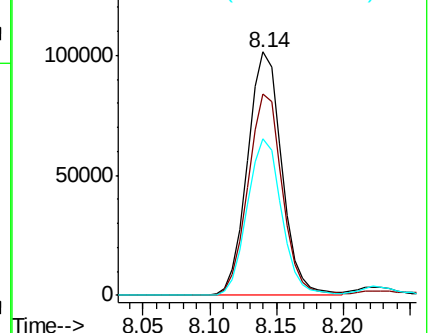
77 64.3 51.8 77.8



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: 48.547 ng

RT: 8.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

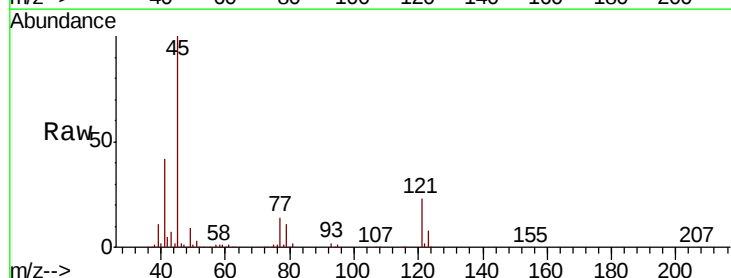
Tgt Ion: 45 Resp: 256917

Ion Ratio Lower Upper

45 100

77 14.4 0.0 35.2

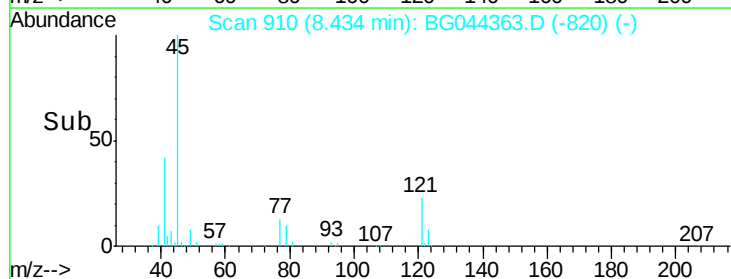
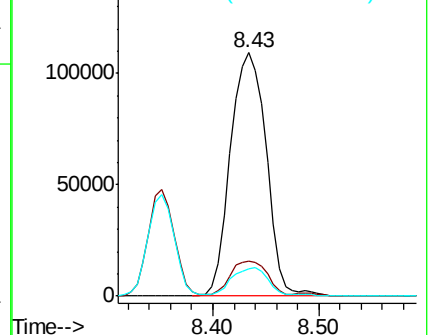
79 11.2 0.0 31.1



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

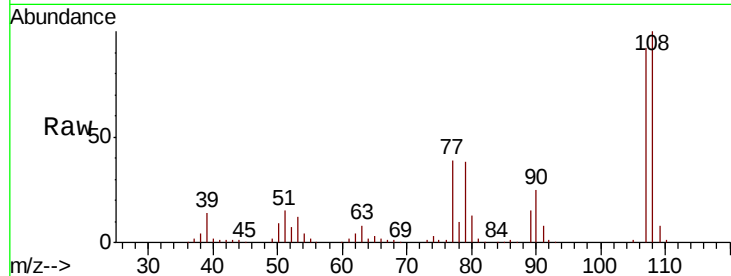




#17
2-Methylphenol
Concen: 58.838 ng
RT: 8.35 min Scan# 896
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.6	86.4	129.6
77	42.8	34.0	51.0
79	41.0	32.9	49.3



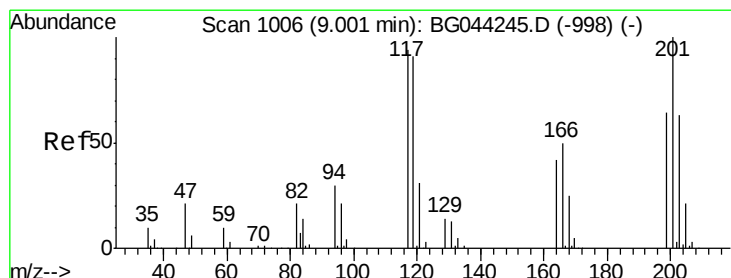
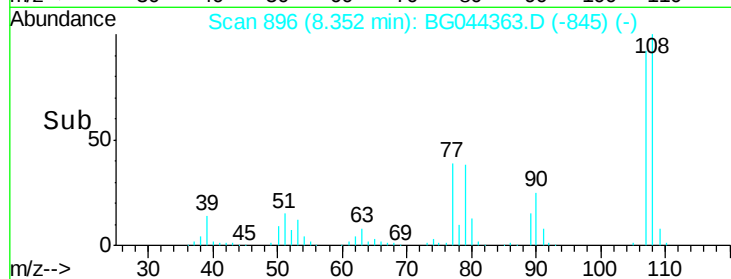
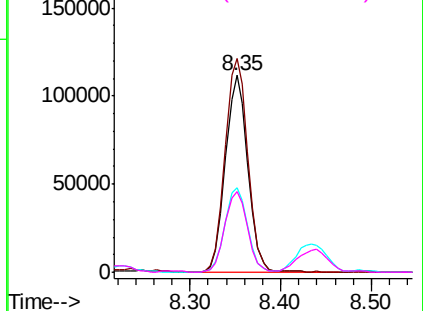
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

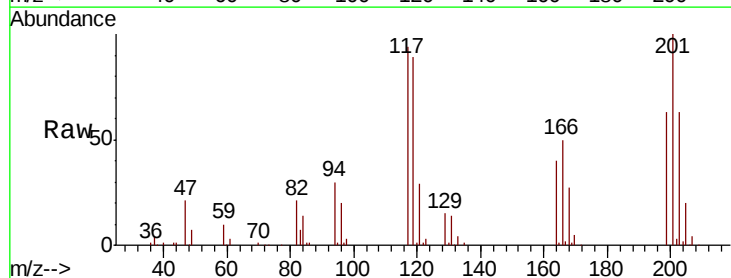
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 47.757 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.5	116.3
201	106.4	84.9	127.3

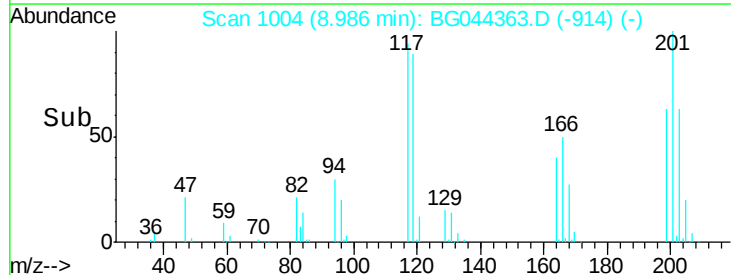
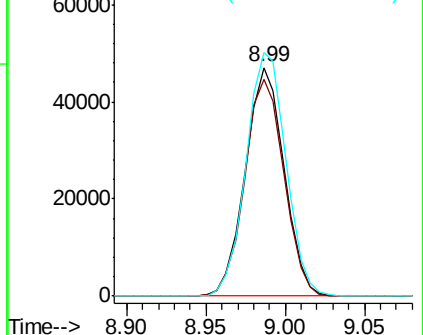


Abundance

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

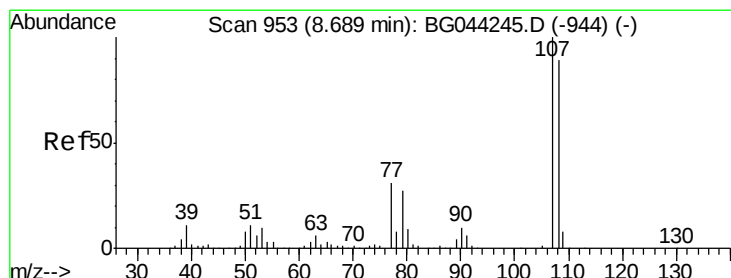
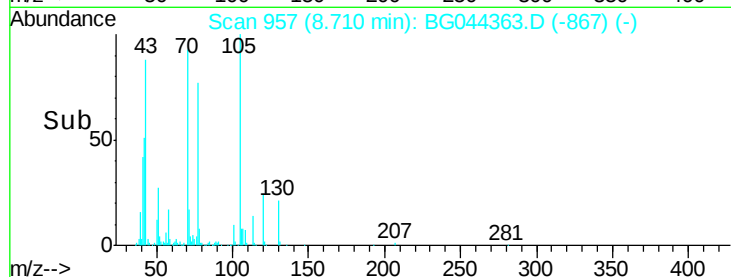
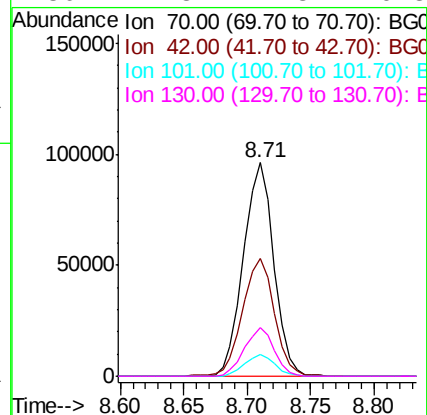
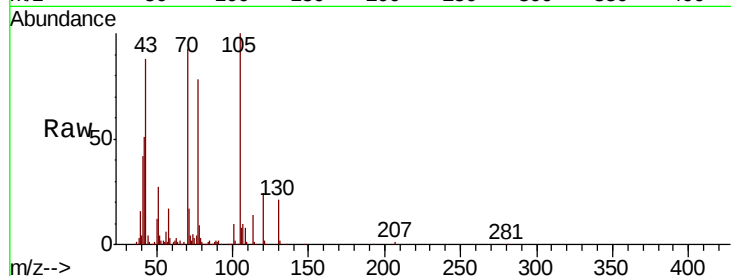




#19
n-Nitroso-di-n-propylamine
Concen: 51.969 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

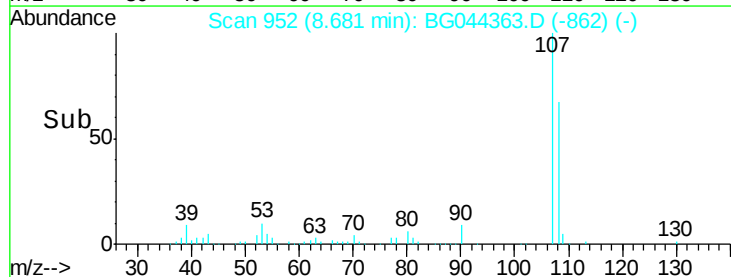
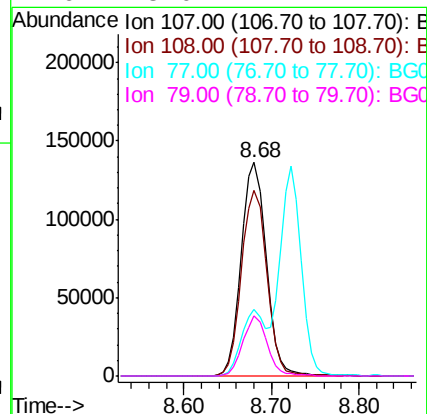
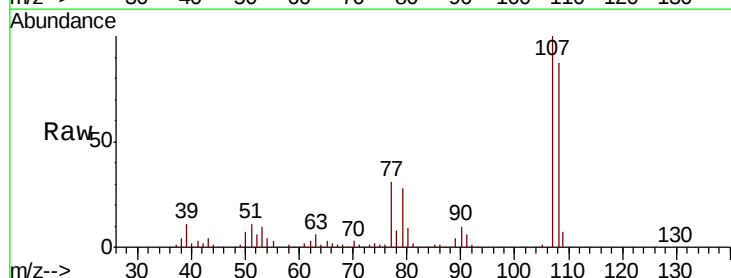
Instrument :
BNA_G
ClientSampled :

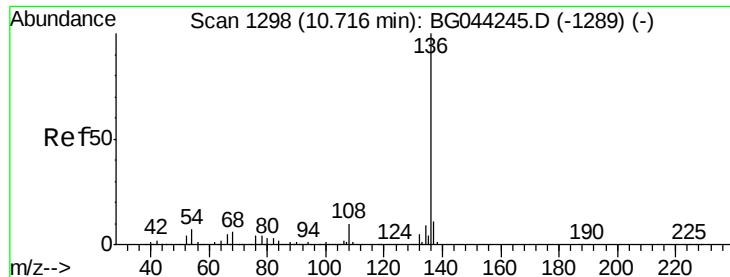
Tot Ion:	70	Resp:	160058
Ion	Ratio	Lower	Upper
70	100		
42	55.1	46.2	69.2
101	10.3	8.4	12.6
130	22.8	17.8	26.8



#20
3+4-Methylphenols
Concen: 58.701 ng
RT: 8.68 min Scan# 952
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion:	107	Resp:	263980
Ion	Ratio	Lower	Upper
107	100		
108	87.2	68.5	108.5
77	31.1	10.9	50.9
79	28.0	7.1	47.1

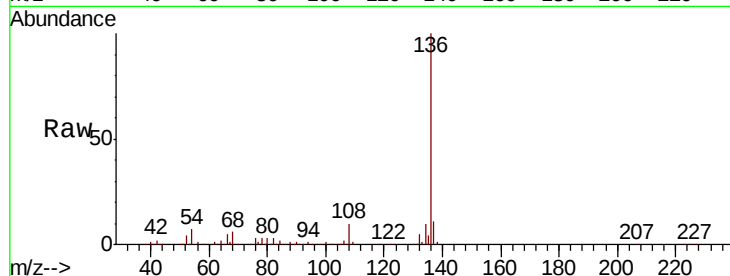




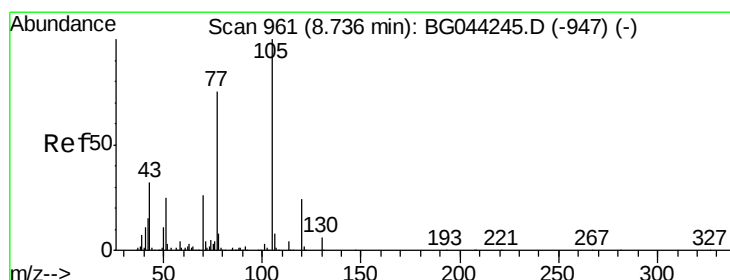
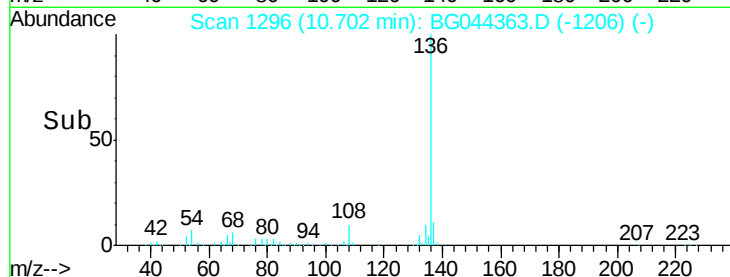
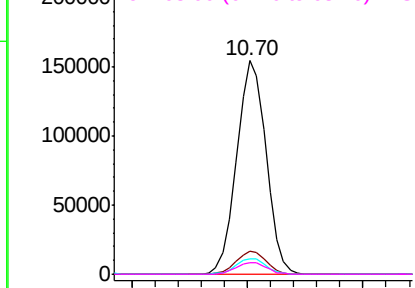
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	272720
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.8	13.2
54 7.3	5.8	8.8
68 5.7	4.6	6.8

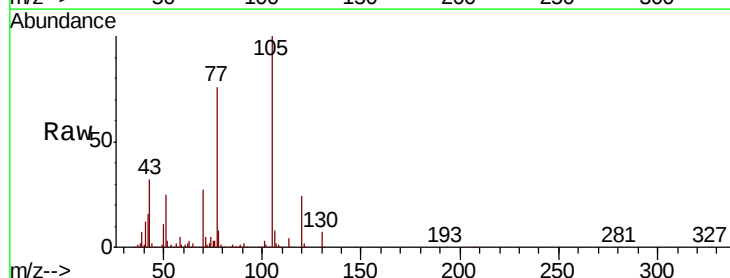


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

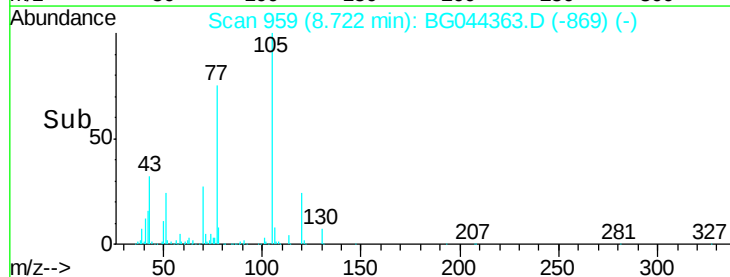
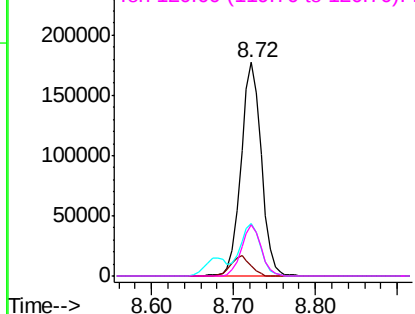


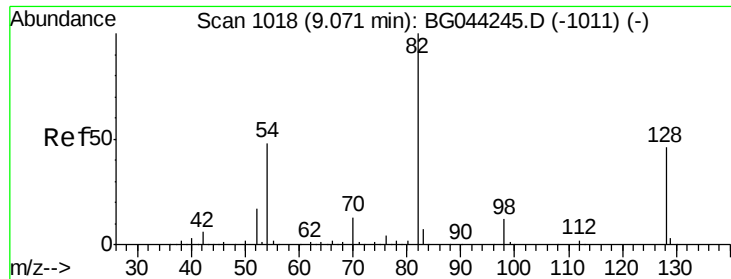
#22
Acetophenone
Concen: 46.058 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt	Ion:105	Resp:	305567
Ion	Ratio	Lower	Upper
105	100		
71	4.6	3.4	5.0
51	24.7	20.2	30.4
120	24.3	19.1	28.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

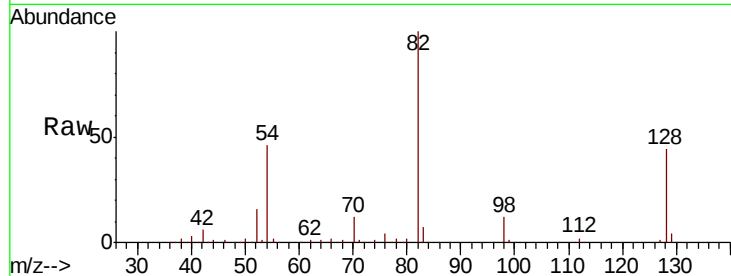




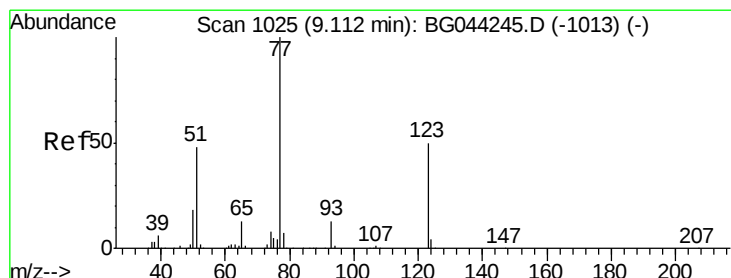
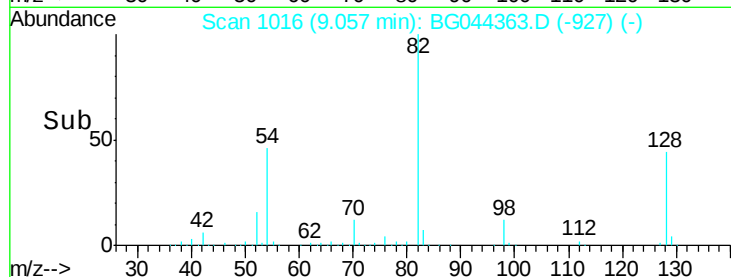
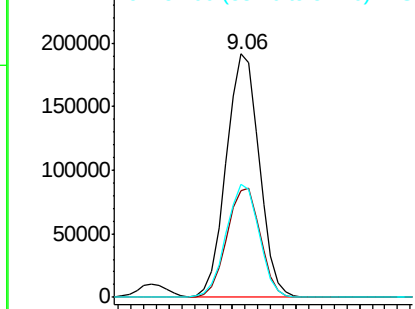
#23
Nitrobenzene-d5
Concen: 71.119 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.5	54.7
54	46.4	38.6	58.0

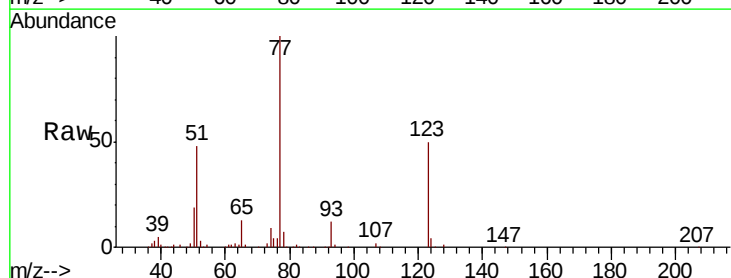


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

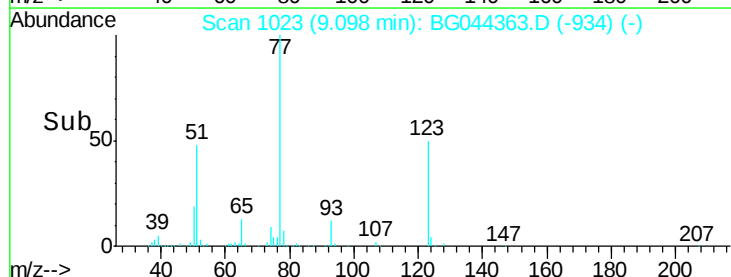
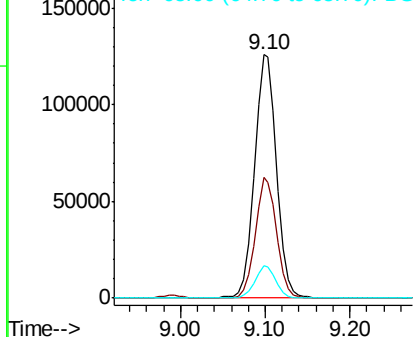


#24
Nitrobenzene
Concen: 48.634 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	39.9	59.9
65	13.5	10.4	15.6



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





#25

Isophorone

Concen: 50.690 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

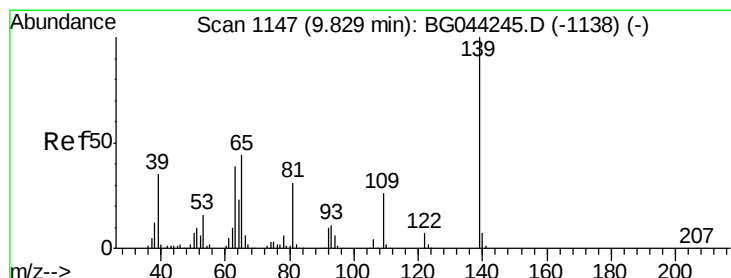
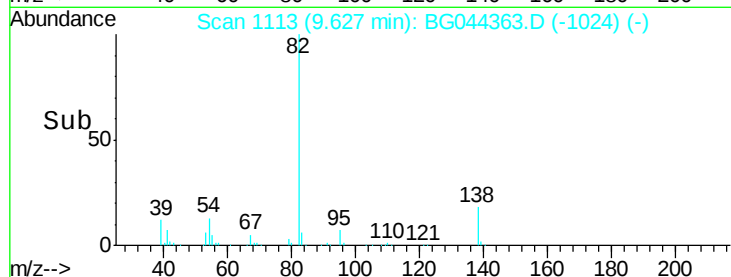
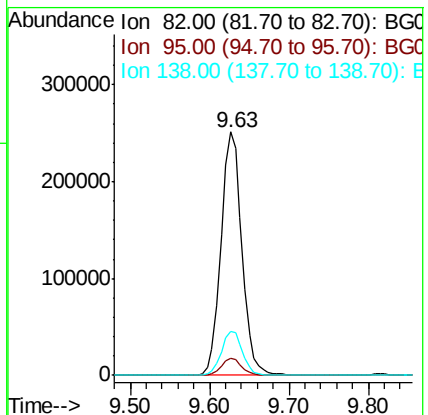
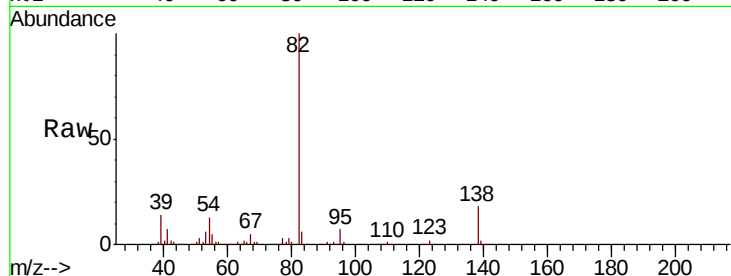
Tot Ion: 82 Resp: 456399

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

138 17.8 15.0 22.4



#26

2-Nitrophenol

Concen: 51.386 ng

RT: 9.81 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

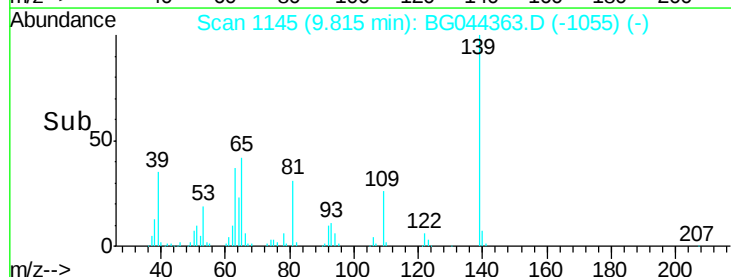
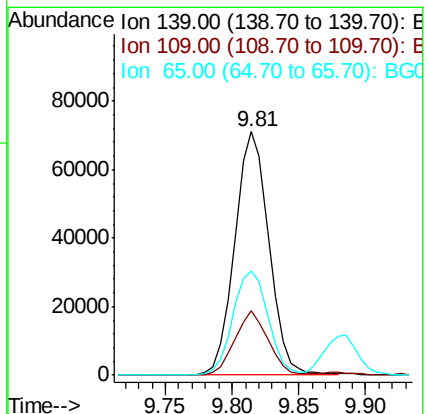
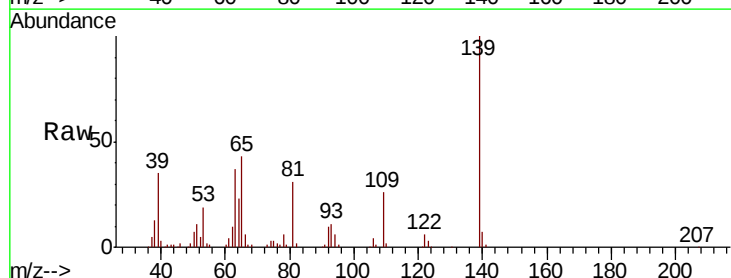
Tgt Ion: 139 Resp: 125743

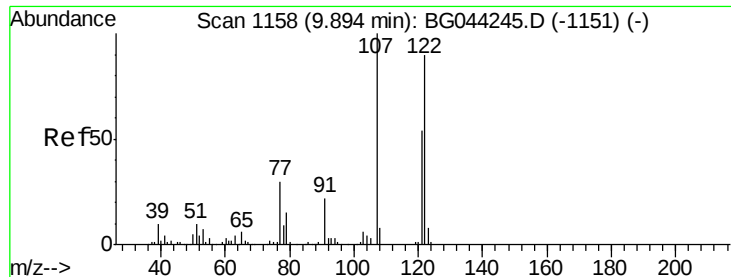
Ion Ratio Lower Upper

139 100

109 26.2 21.0 31.4

65 42.6 35.0 52.4

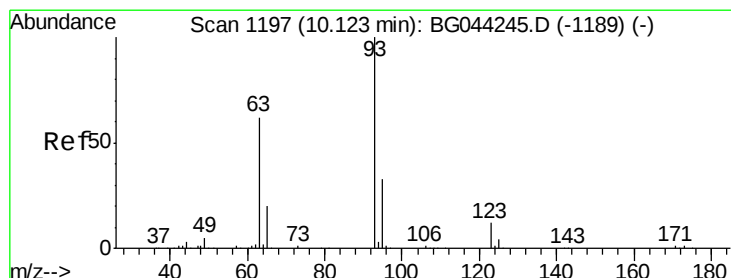
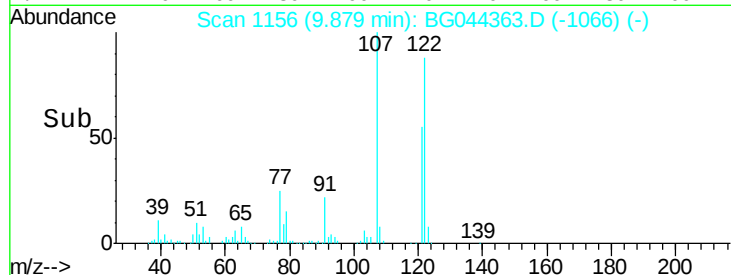
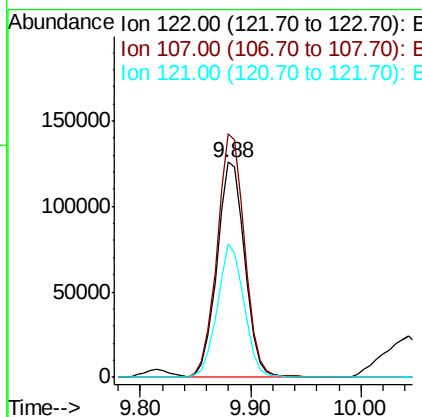
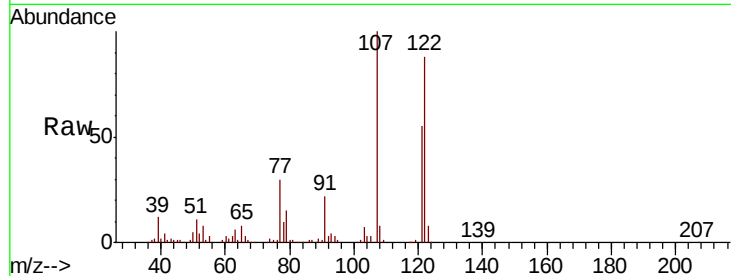




#27
2,4-Dimethylphenol
Concen: 63.376 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

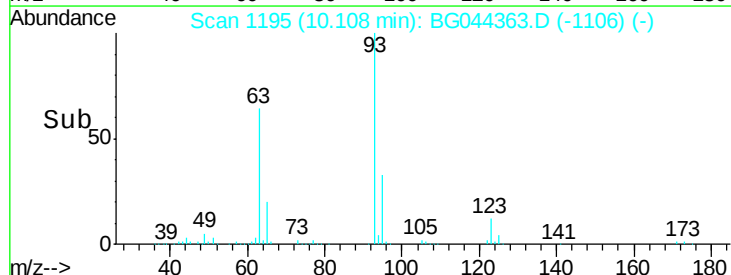
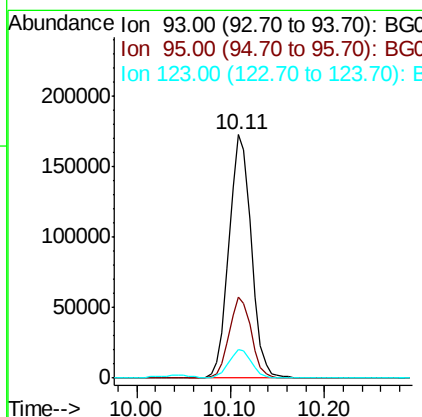
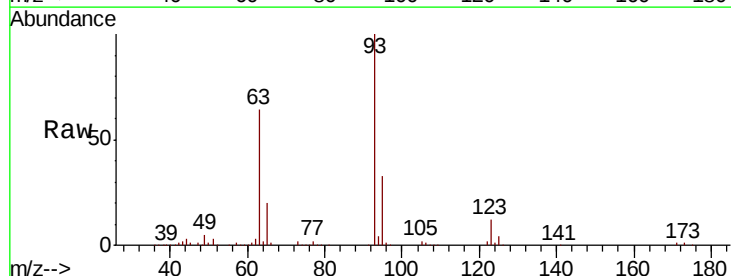
Instrument :
BNA_G
ClientSampleId :

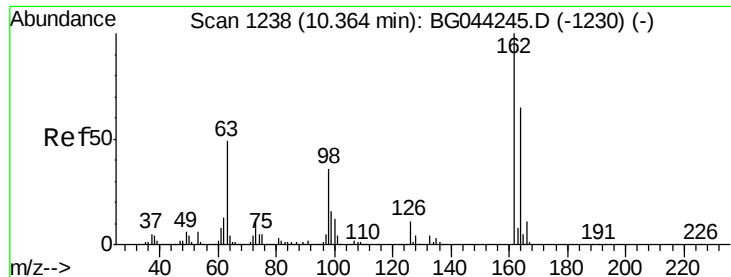
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.1	88.8	133.2
121	61.9	48.3	72.5



#28
bis(2-Chloroethoxy)methane
Concen: 47.504 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	40.0
123	11.9	10.0	15.0

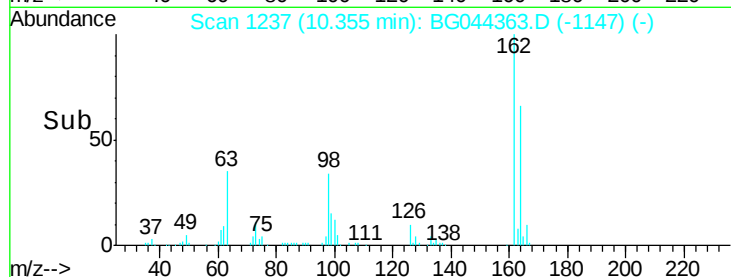
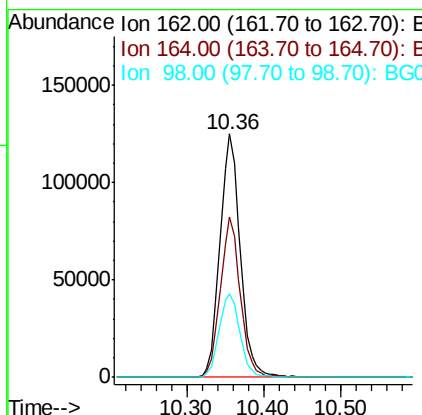
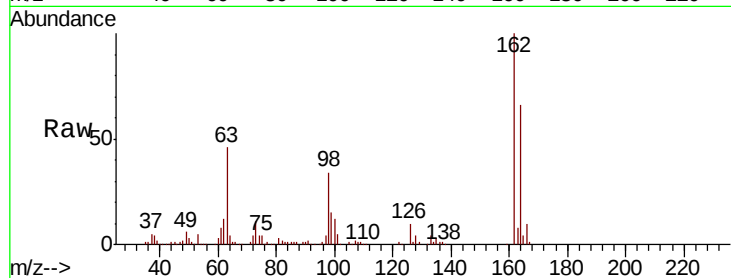




#29
 2,4-Dichlorophenol
 Concen: 54.595 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

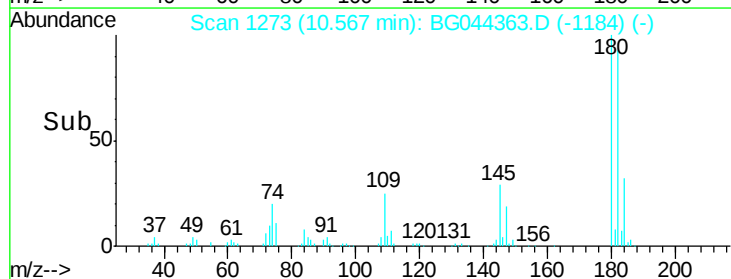
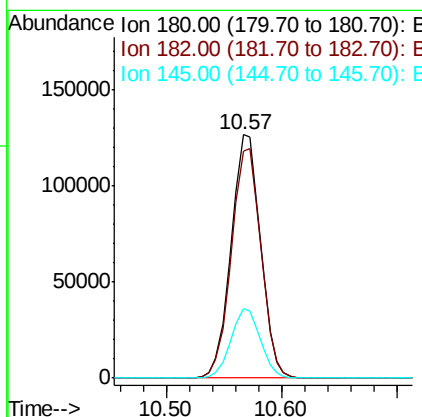
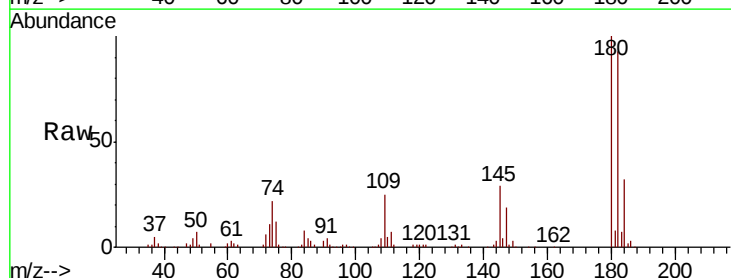
Instrument :
 BNA_G
 ClientSampleId :

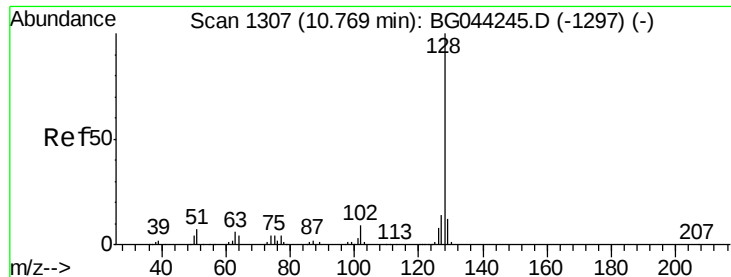
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	44.7	84.7
98	34.4	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 46.610 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.5	113.3
145	28.6	22.6	34.0

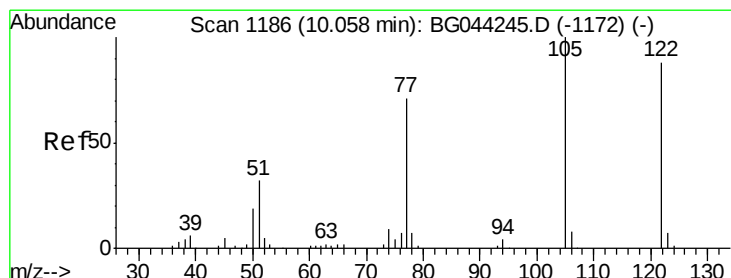
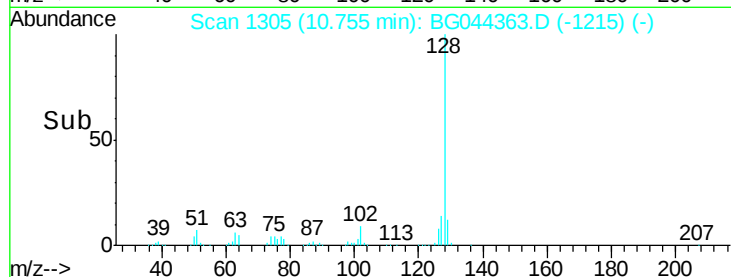
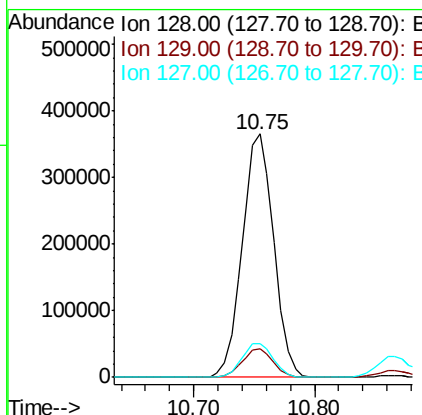
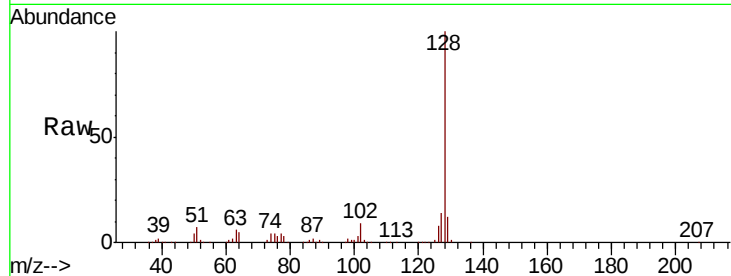




#31
Naphthalene
Concen: 49.902 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

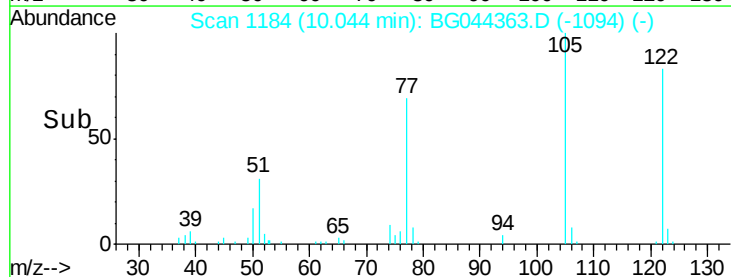
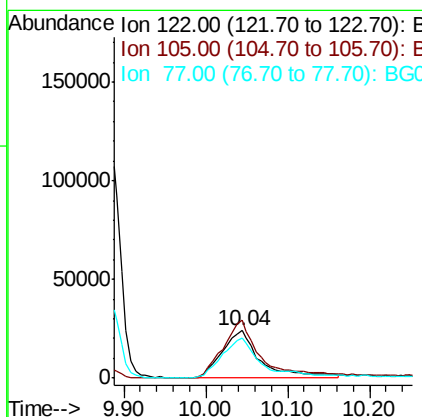
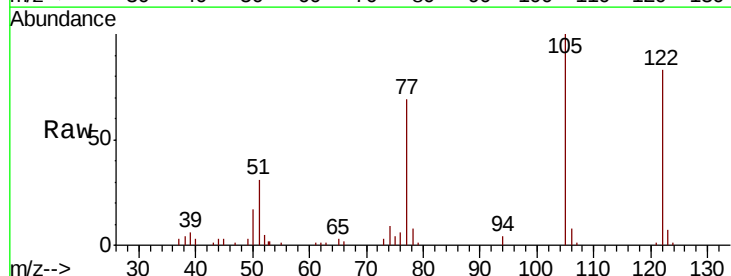
Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 660276
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.9 11.6 17.4



#32
Benzoic acid
Concen: 37.872 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion:122 Resp: 76515
Ion Ratio Lower Upper
122 100
105 120.9 93.5 133.5
77 83.8 61.0 101.0

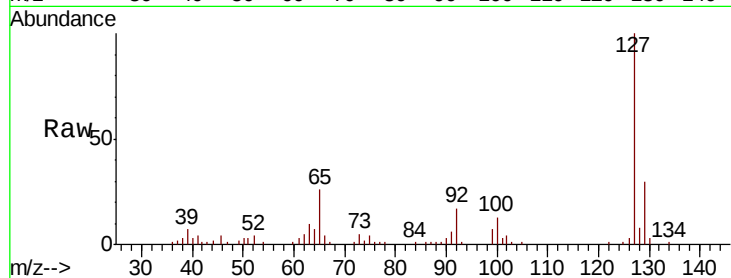




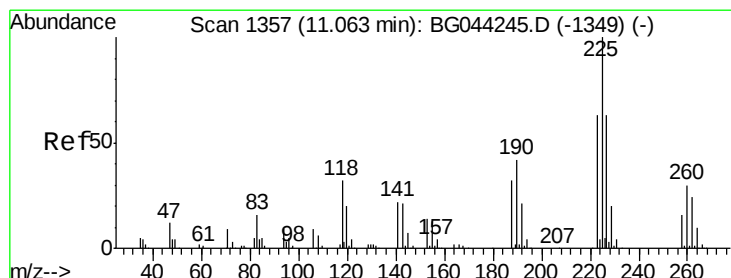
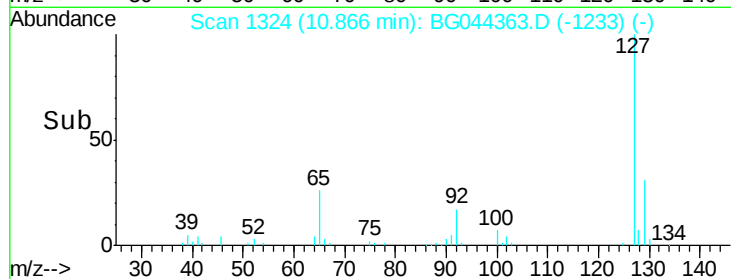
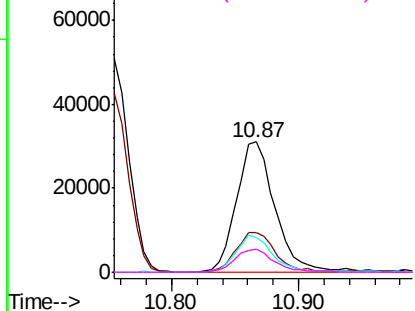
#33
4-Chloroaniline
Concen: 10.786 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	64910	
Ion Ratio	Lower	Upper	
127 100			
129 30.3	26.6	40.0	
65 26.2	22.5	33.7	
92 17.3	14.1	21.1	

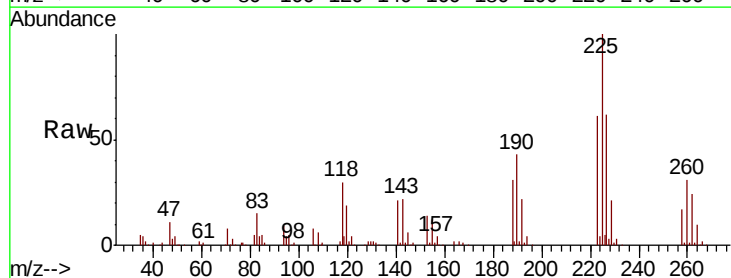


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

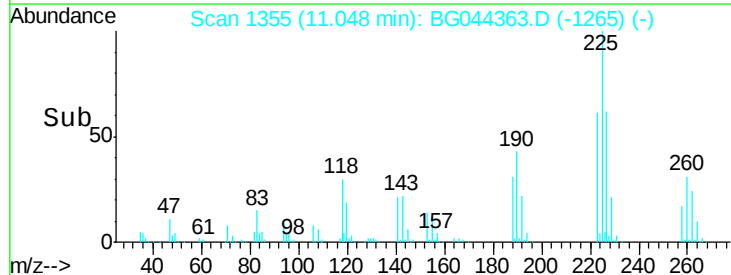
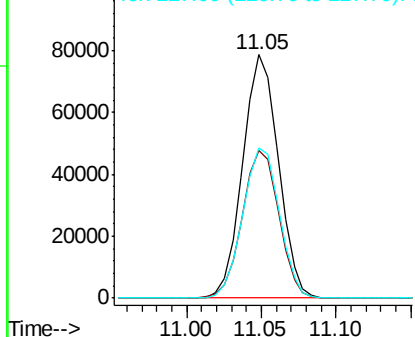


#34
Hexachlorobutadiene
Concen: 44.144 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt	Ion:225	Resp:	130090
Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.2	75.4
227	61.7	50.8	76.2



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: 29.855 ng

RT: 11.63 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

ClientSampled :

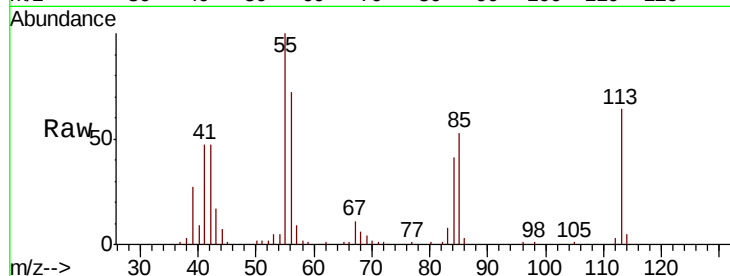
Tot Ion:113 Resp: 45679

Ion Ratio Lower Upper

113 100

55 155.5 129.9 169.9

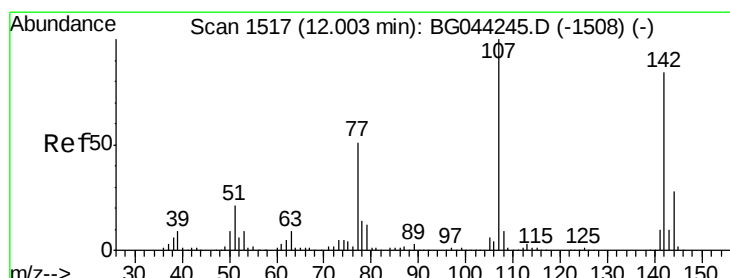
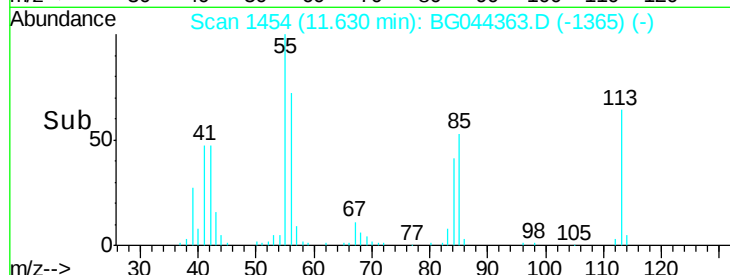
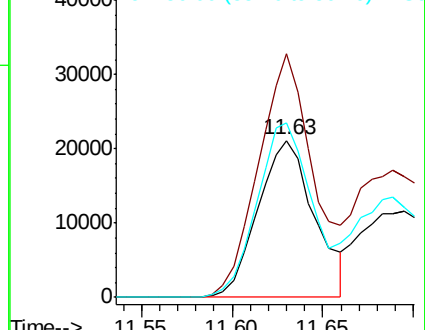
56 111.4 92.5 132.5



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: 56.883 ng

RT: 11.99 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

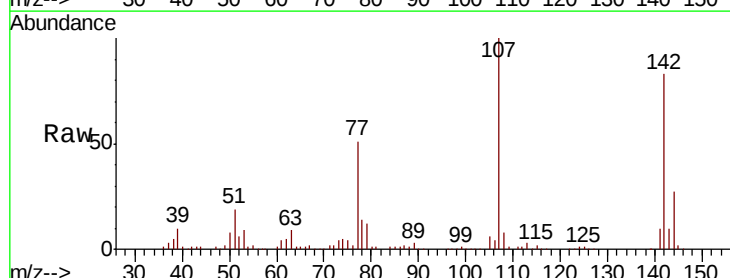
Tgt Ion:107 Resp: 249099

Ion Ratio Lower Upper

107 100

144 27.0 22.2 33.4

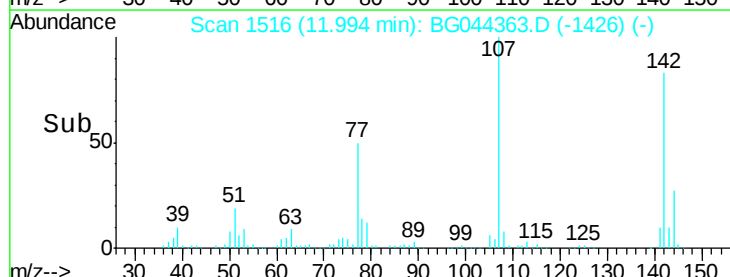
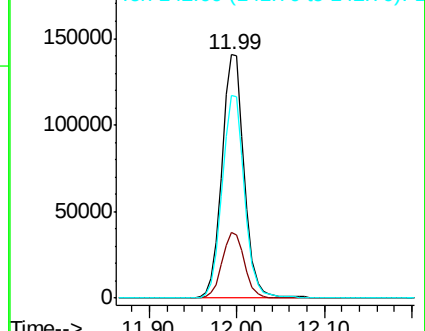
142 83.1 67.4 101.0

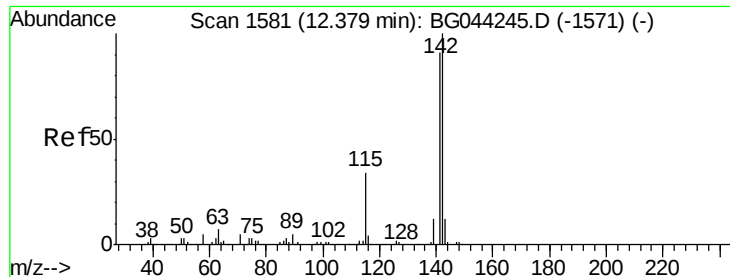


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

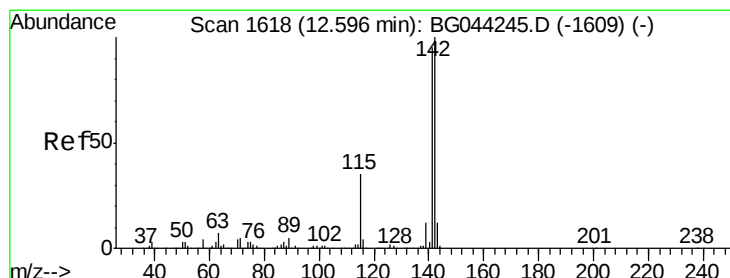
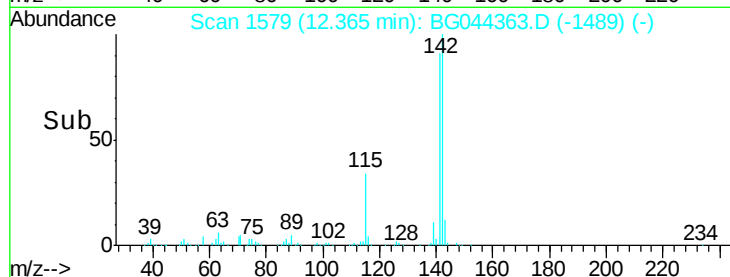
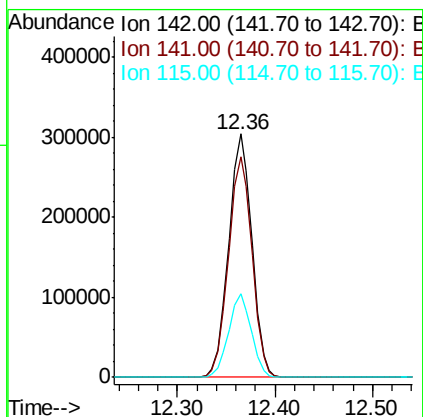
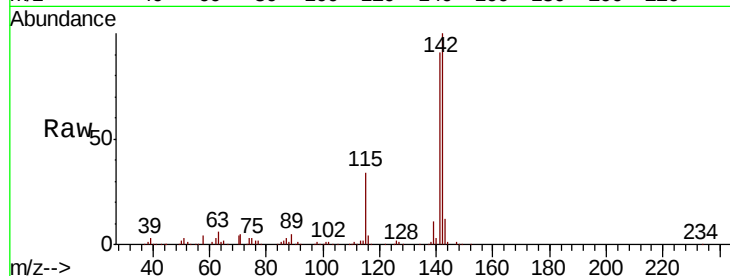




#37
2-Methylnaphthalene
Concen: 51.052 ng
RT: 12.36 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

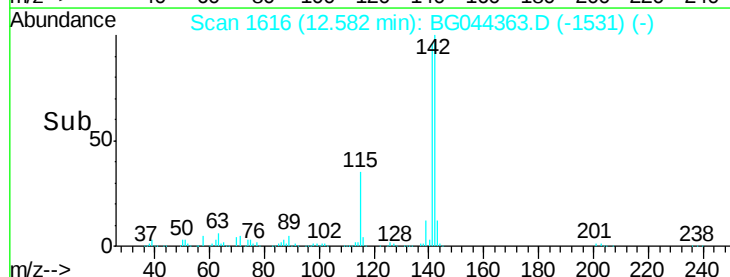
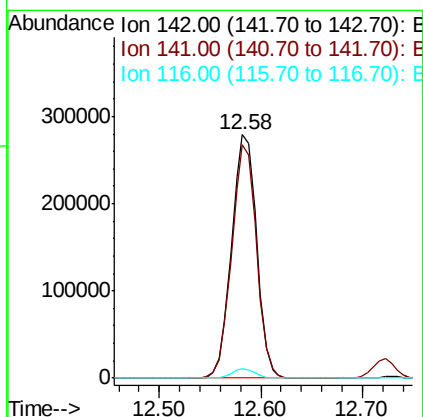
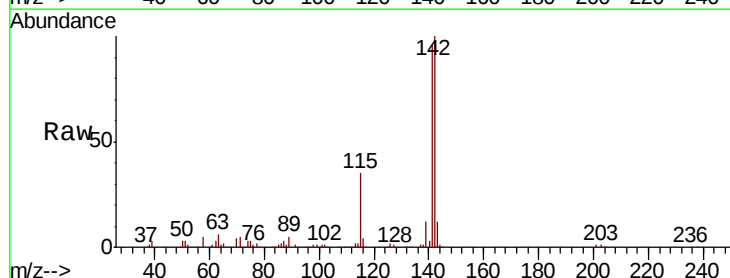
Instrument :
BNA_G
ClientSampleId :

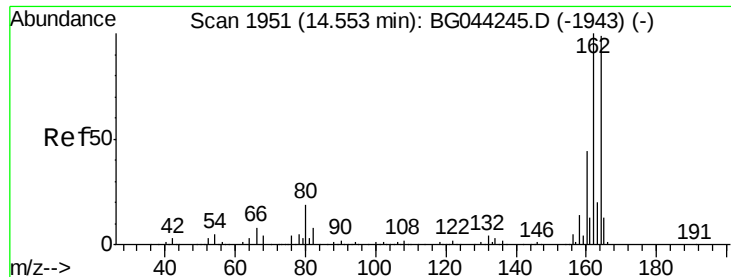
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.2	109.8
115	34.4	27.1	40.7



#38
1-Methylnaphthalene
Concen: 51.540 ng
RT: 12.58 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.1	75.8	113.6
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

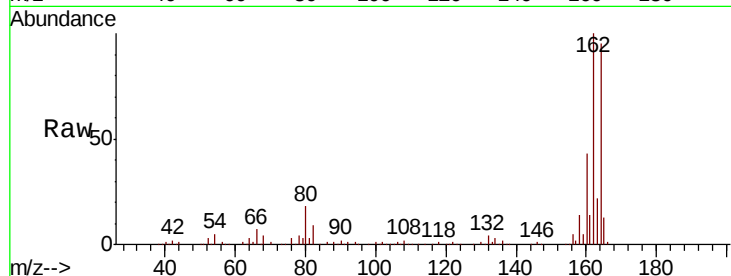
Tot Ion:164 Resp: 191275

Ion Ratio Lower Upper

164 100

162 105.0 80.7 121.1

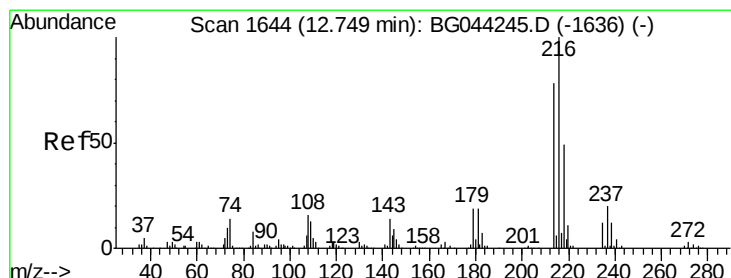
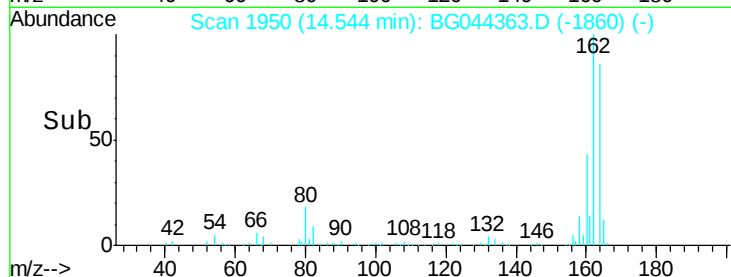
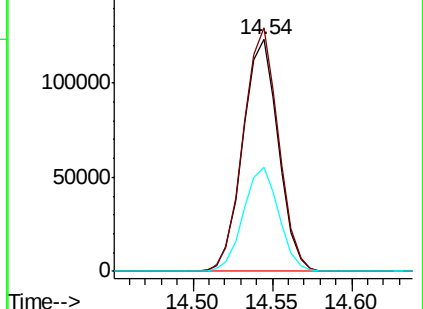
160 44.9 35.3 52.9



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: 43.560 ng

RT: 12.73 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Tgt Ion:216 Resp: 249238

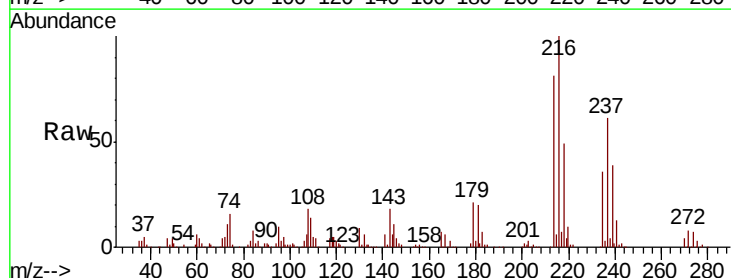
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.6

179 20.5 16.2 24.4

108 18.9 13.5 20.3

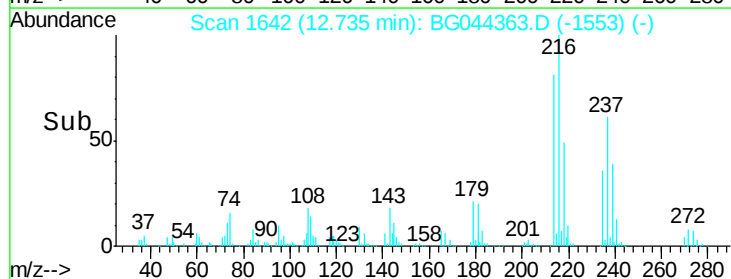
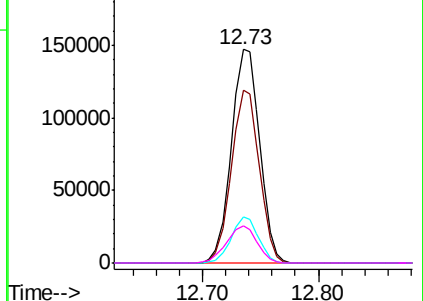


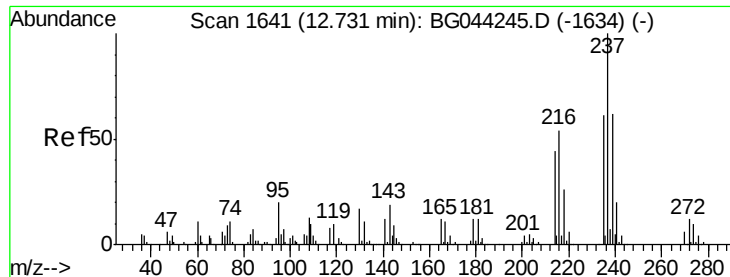
Abundance Ion 216.00 (215.70 to 216.70): E

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: 107.650 ng

RT: 12.72 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

ClientSampled :

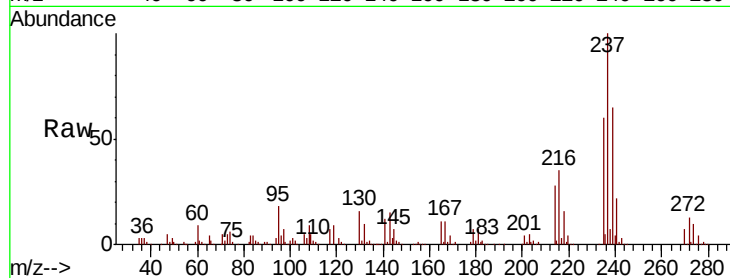
Tot Ion:237 Resp: 295544

Ion Ratio Lower Upper

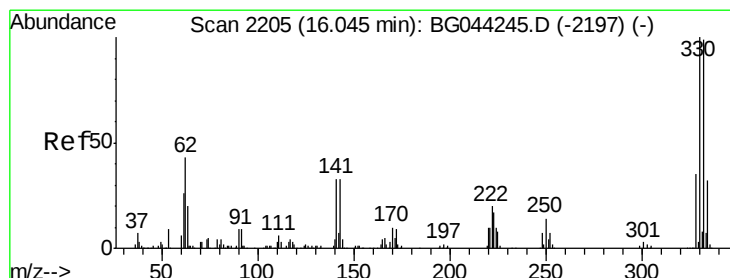
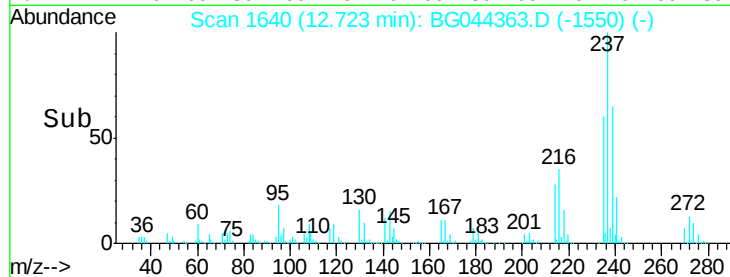
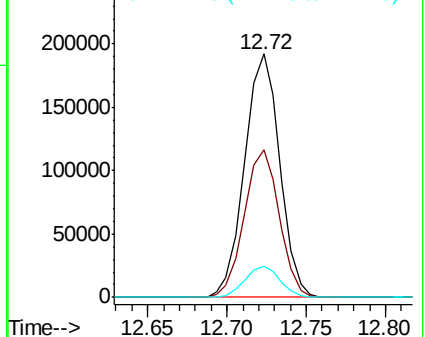
237 100

235 60.4 41.2 81.2

272 12.8 0.0 32.4



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: 122.321 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

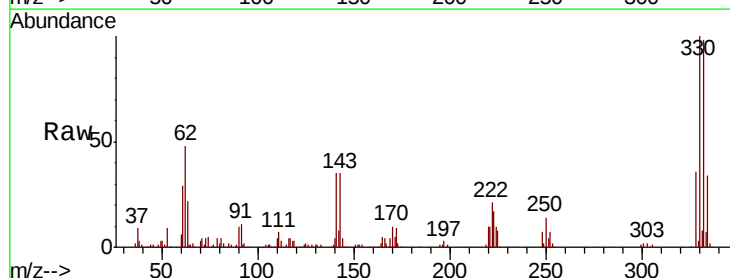
Tgt Ion:330 Resp: 274667

Ion Ratio Lower Upper

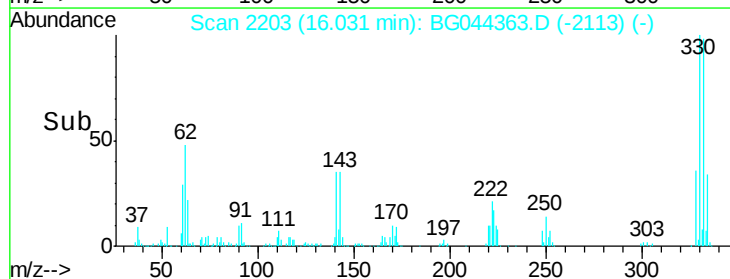
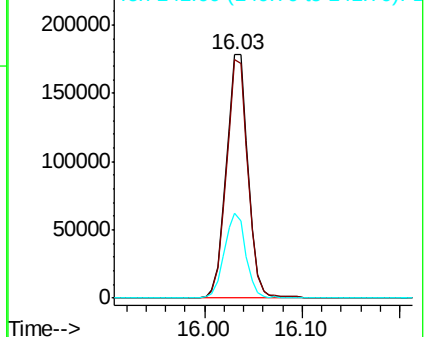
330 100

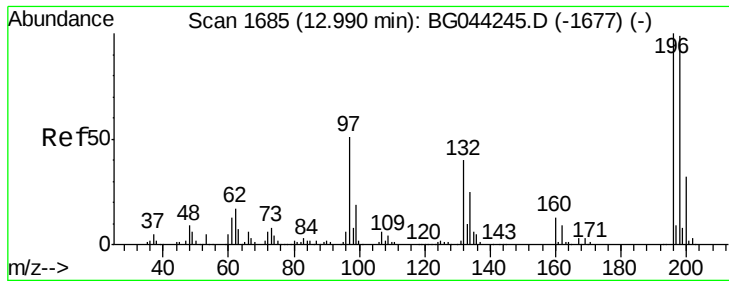
332 97.0 77.2 115.8

141 34.6 28.3 42.5



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

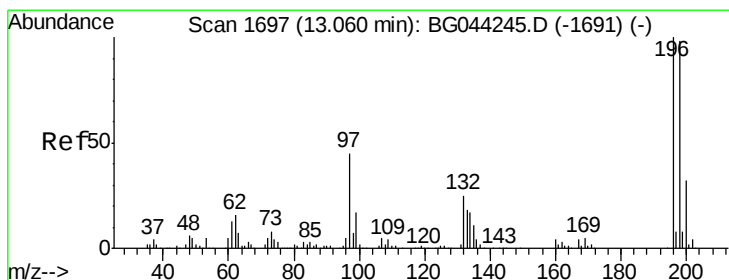
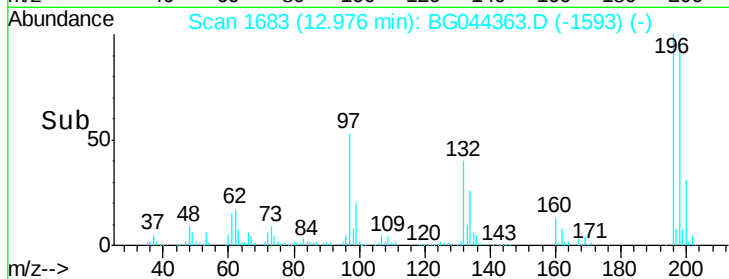
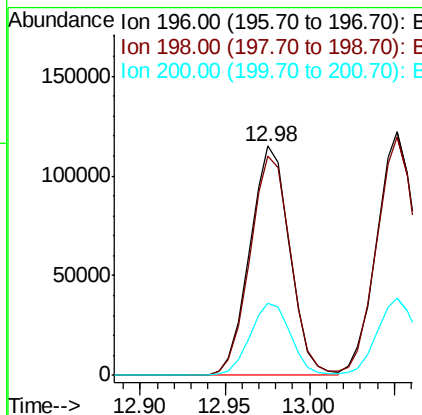
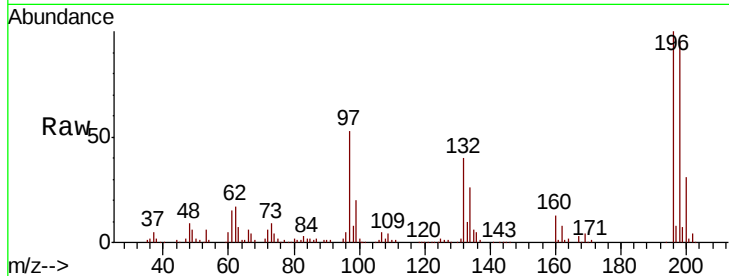




#43
 2,4,6-Trichlorophenol
 Concen: 50.989 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

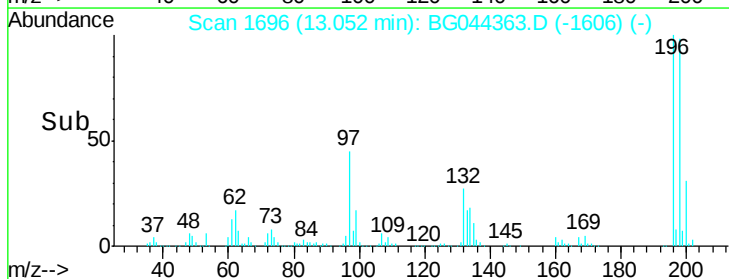
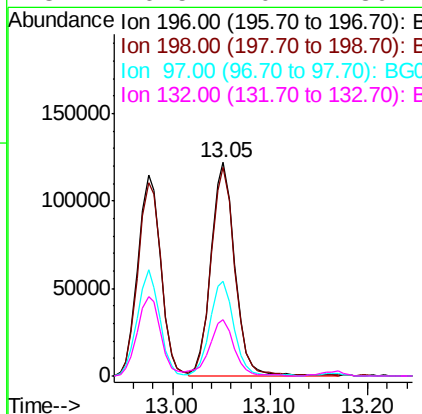
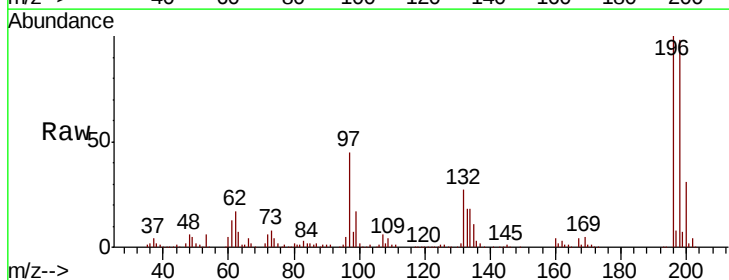
Instrument :
 BNA_G
 ClientSampleId :

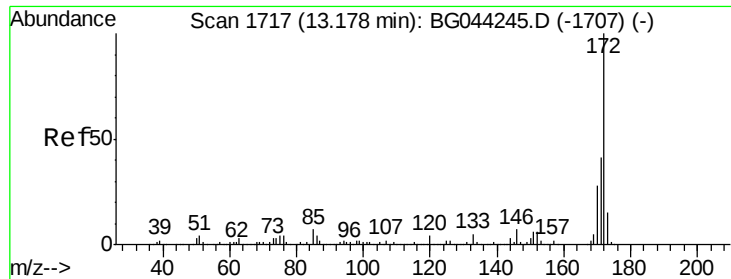
Tot Ion	196	Resp	188576
Ion Ratio	Lower	Upper	
196	100		
198	96.0	79.3	118.9
200	31.2	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 54.323 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Tgt Ion	196	Resp	205203
Ion Ratio	Lower	Upper	
196	100		
198	97.8	78.2	117.2
97	44.6	36.2	54.4
132	26.5	20.2	30.4

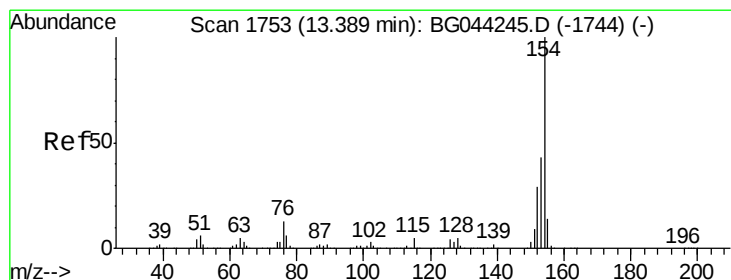
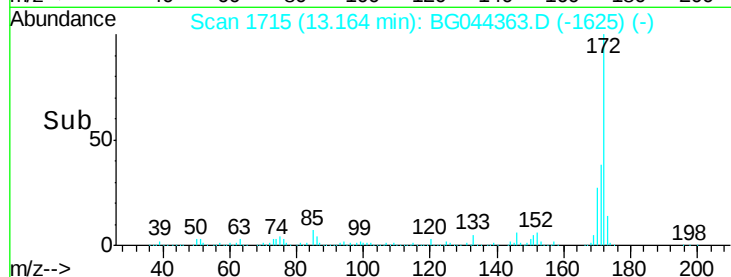
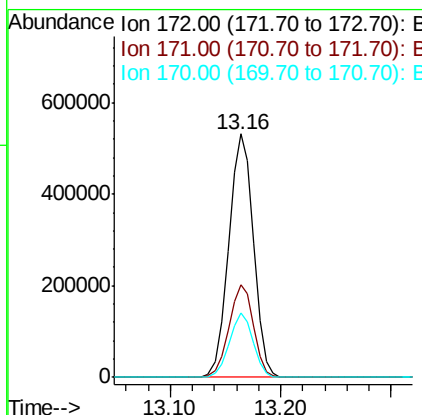
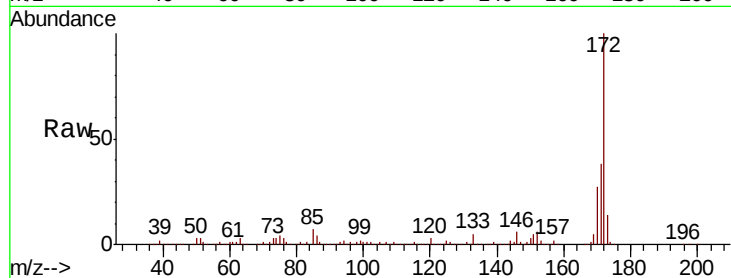




#45
 2-Fluorobiphenyl
 Concen: 72.733 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

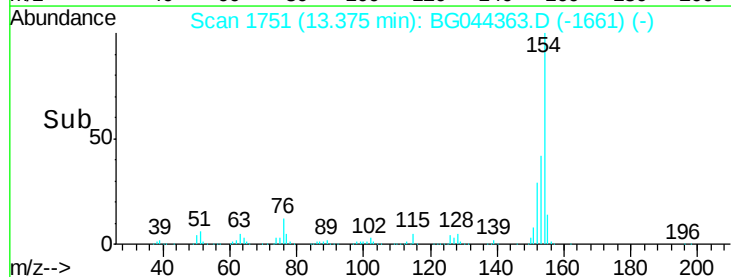
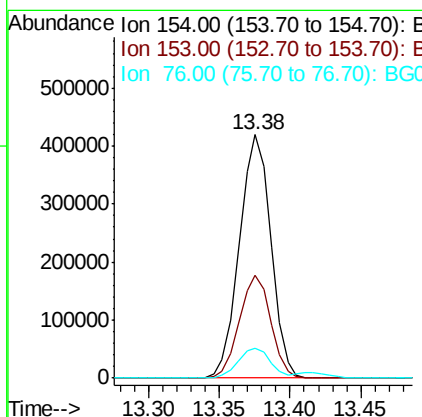
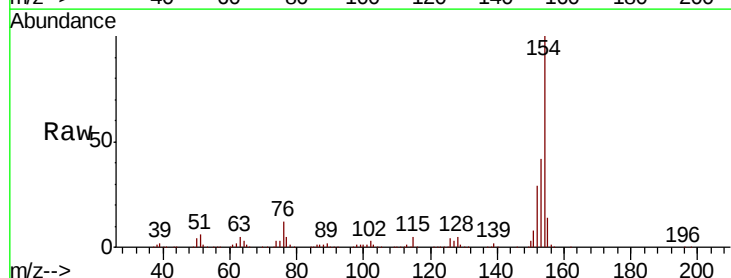
Instrument :
 BNA_G
 ClientSampleId :

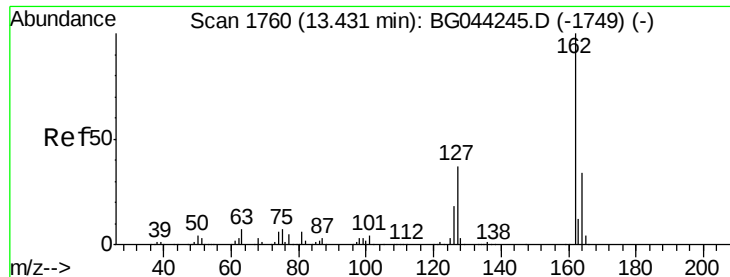
Tot Ion:	172	Resp:	830792
Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.9	49.3
170	26.5	22.0	33.0



#46
 1,1'-Biphenyl
 Concen: 47.432 ng
 RT: 13.38 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Tgt Ion:	154	Resp:	654416
Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.7	62.7
76	12.3	0.0	32.9

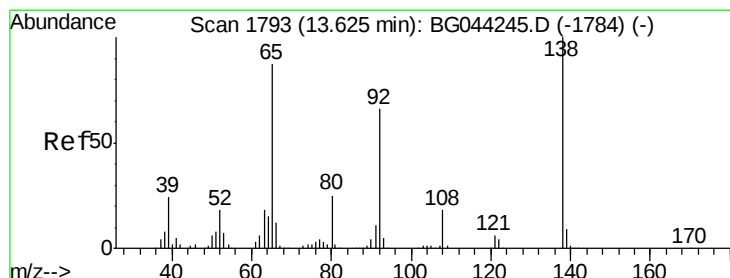
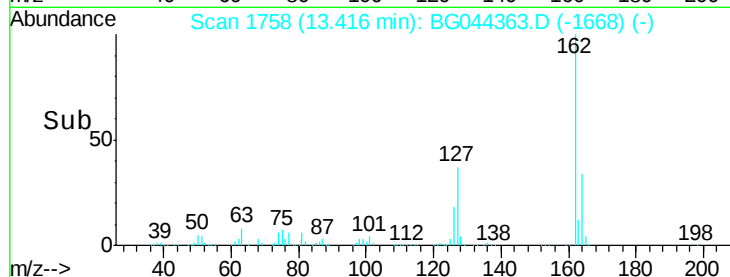
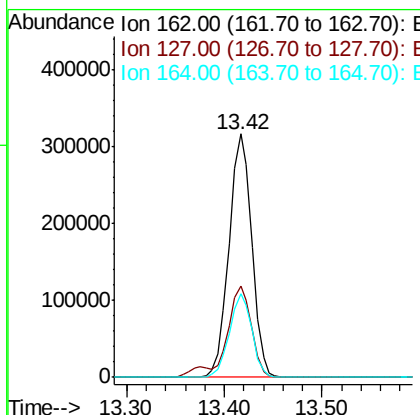
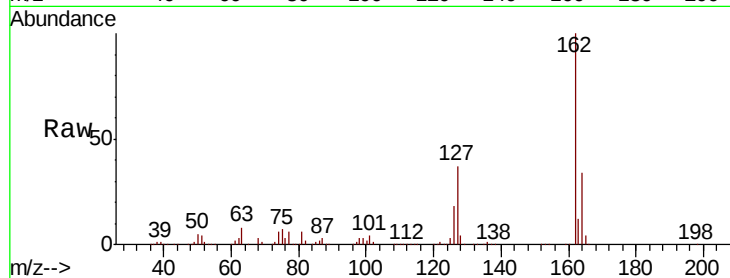




#47
 2-Chloronaphthalene
 Concen: 46.408 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

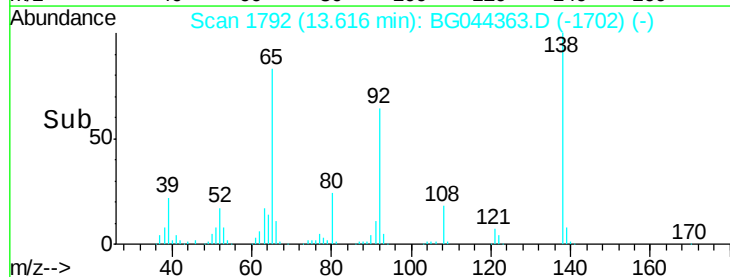
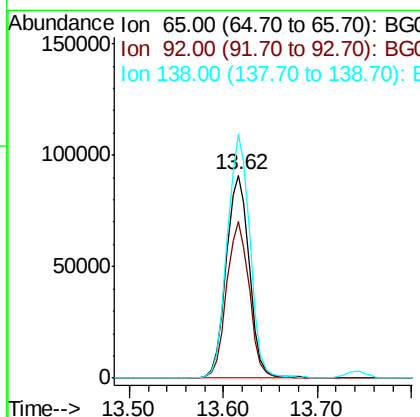
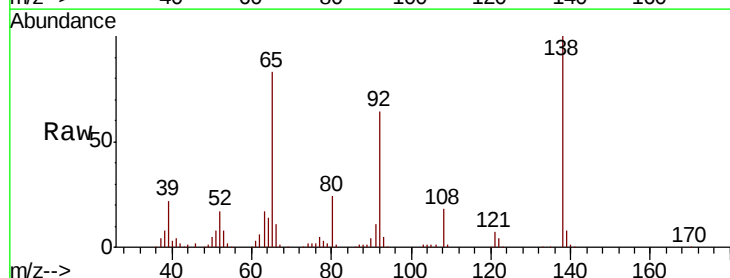
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.0	45.0
164	34.3	27.2	40.8



#48
 2-Nitroaniline
 Concen: 48.021 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.9	60.3	90.5
138	119.9	91.9	137.9





#49

Acenaphthylene

Concen: 51.765 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

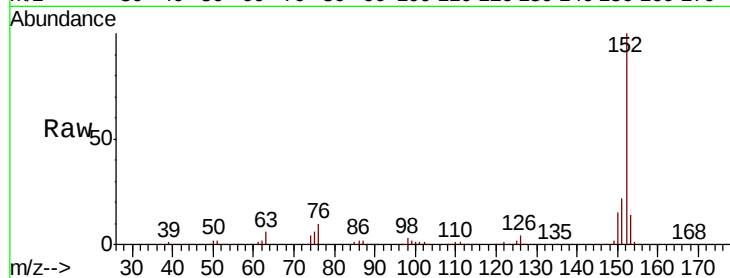
Tot Ion:152 Resp: 833581

Ion Ratio Lower Upper

152 100

151 21.7 18.1 27.1

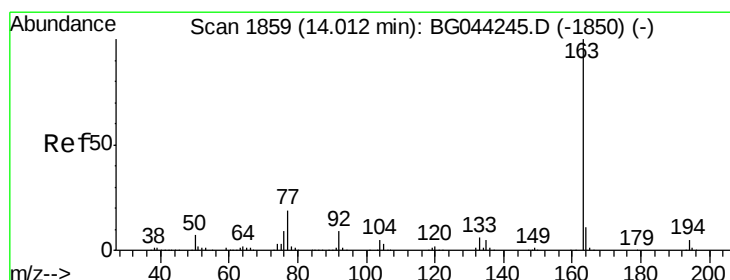
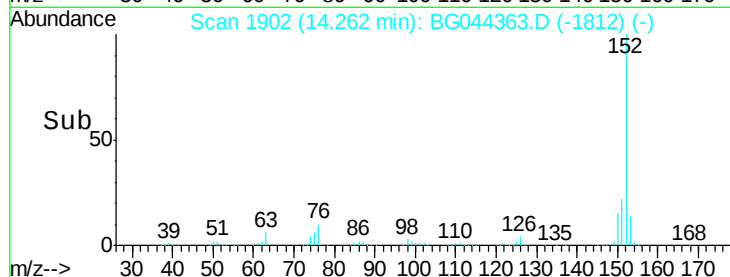
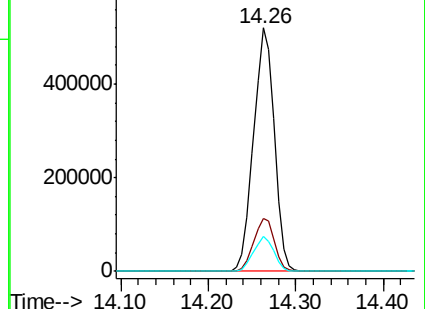
153 14.5 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 53.121 ng

RT: 14.00 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

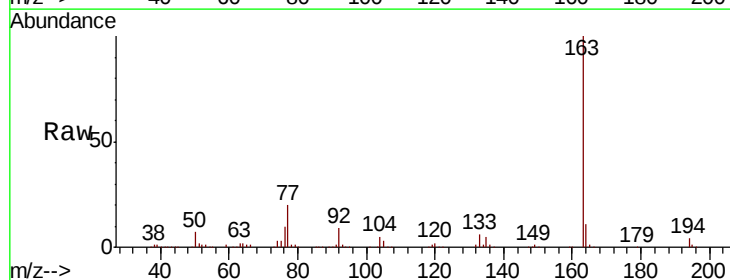
Tgt Ion:163 Resp: 730379

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

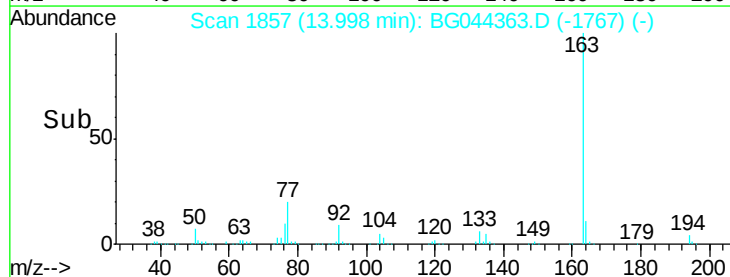
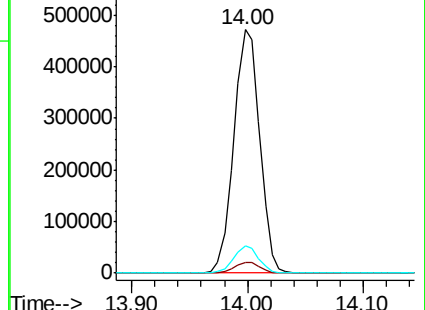
164 11.1 8.7 13.1

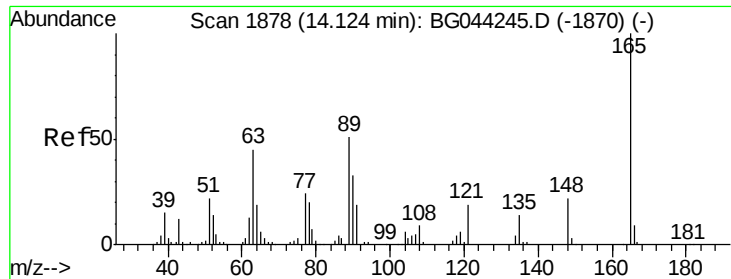


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 51.869 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

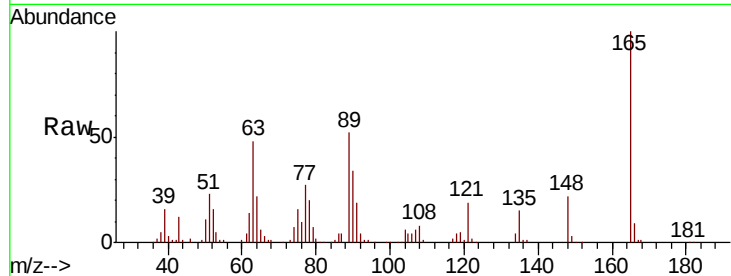
Tot Ion:165 Resp: 159012

Ion Ratio Lower Upper

165 100

63 48.0 38.7 58.1

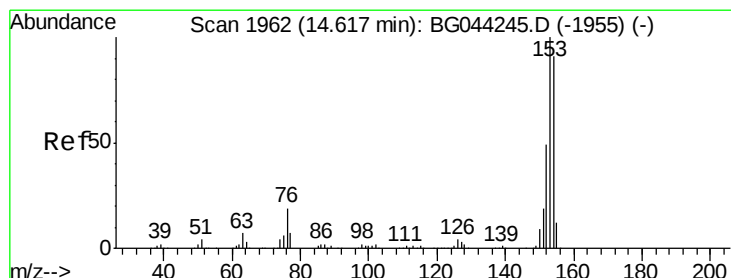
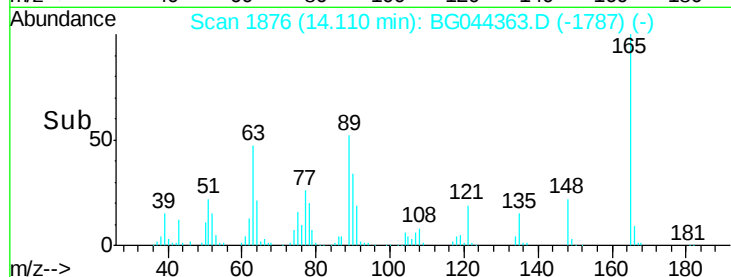
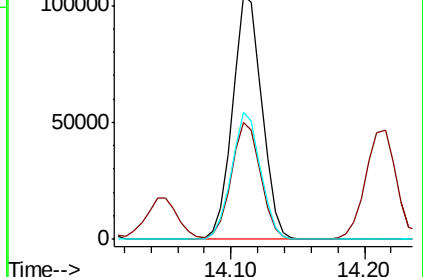
89 52.0 40.4 60.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 48.745 ng

RT: 14.61 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

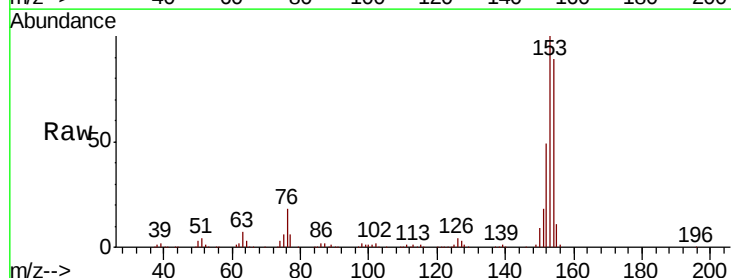
Tgt Ion:154 Resp: 508778

Ion Ratio Lower Upper

154 100

153 112.8 87.9 131.9

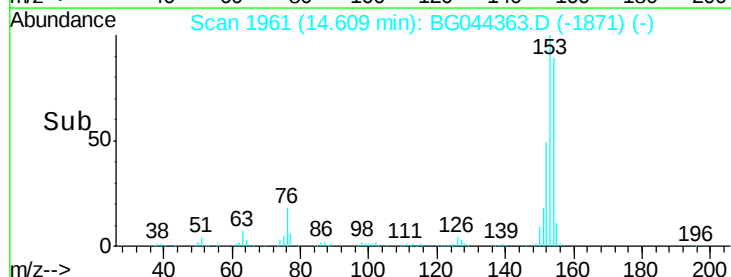
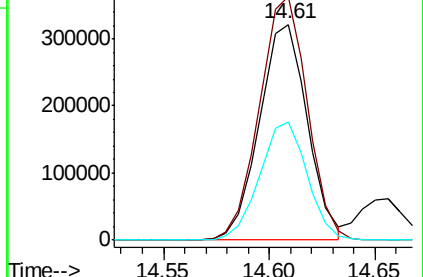
152 55.0 43.1 64.7



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: 18.969 ng

RT: 14.44 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

ClientSampled :

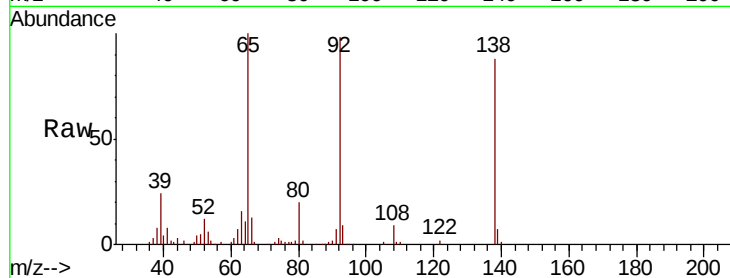
Tot Ion:138 Resp: 64338

Ion Ratio Lower Upper

138 100

108 10.0 7.9 11.9

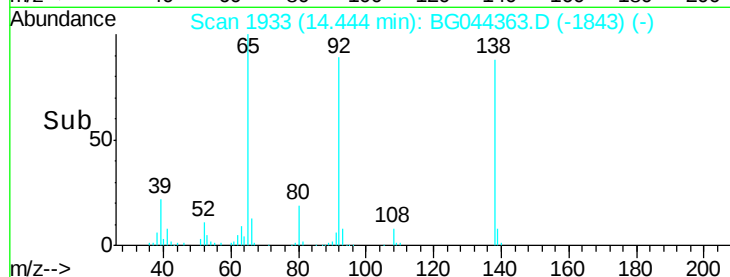
92 111.1 91.0 136.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



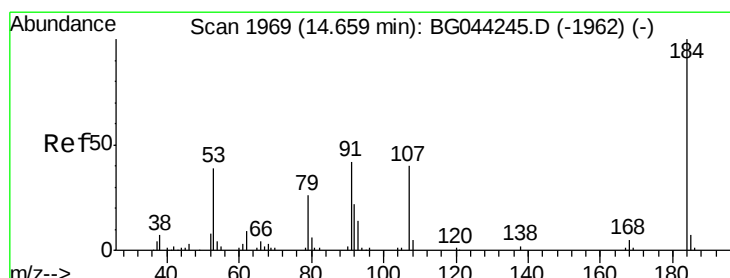
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

Time-->



#54

2,4-Dinitrophenol

Concen: 99.234 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

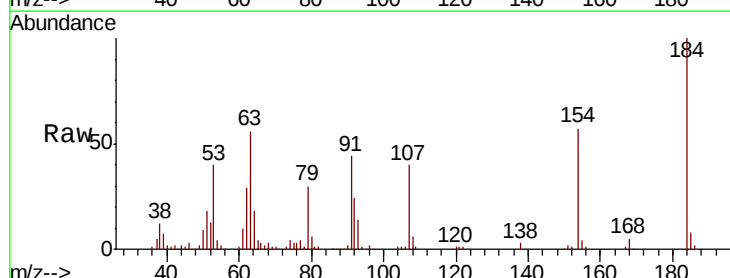
Tgt Ion:184 Resp: 183943

Ion Ratio Lower Upper

184 100

63 56.0 44.1 66.1

154 56.9 45.4 68.0

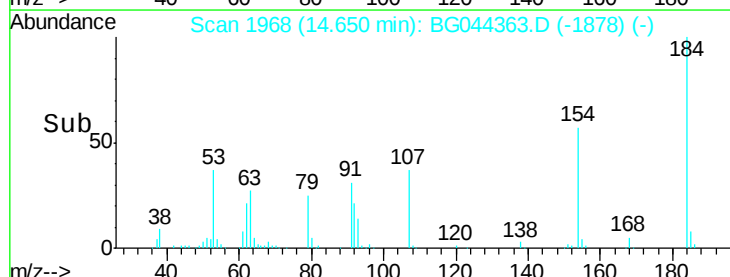


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

Time-->



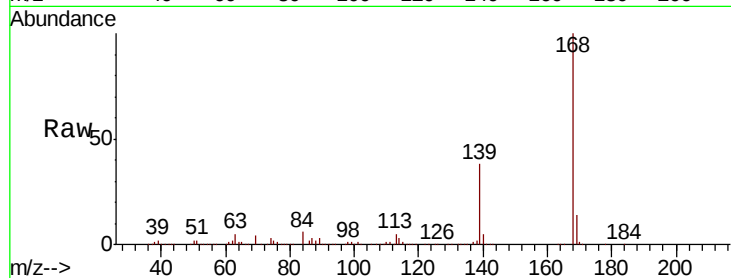
Time-->



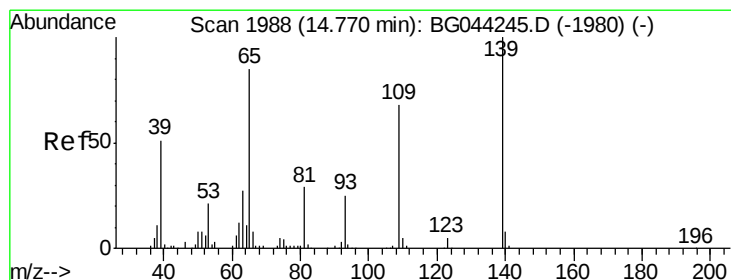
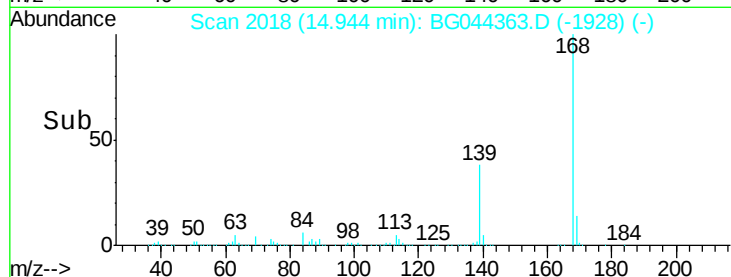
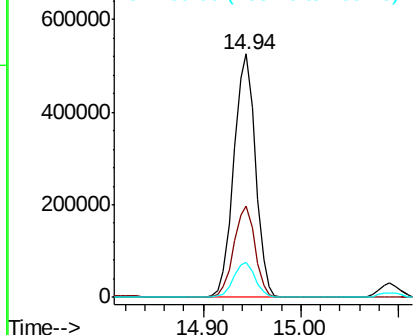
#55
Dibenzofuran
Concen: 51.136 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 808099
Ion Ratio Lower Upper
168 100
139 37.6 30.5 45.7
169 14.2 11.7 17.5

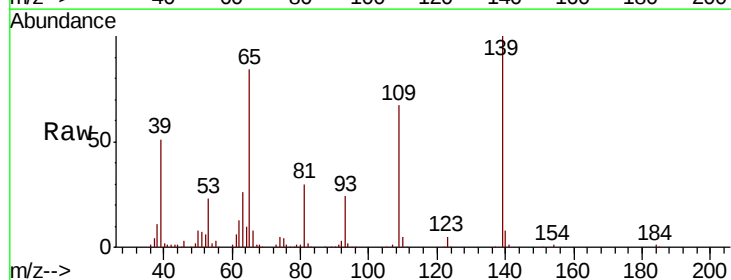


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

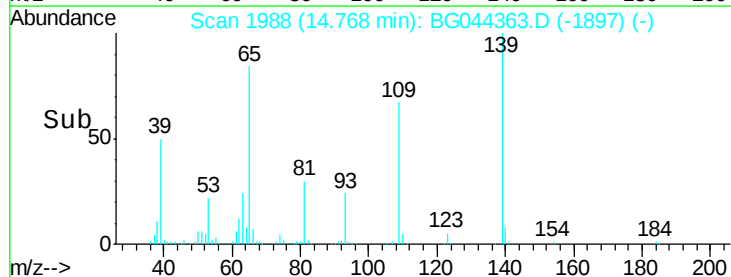
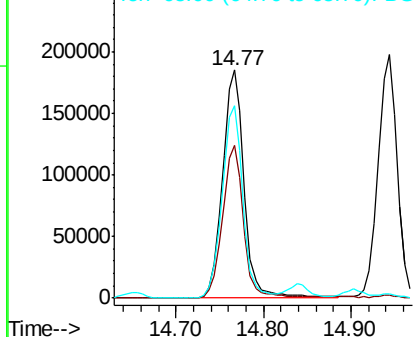


#56
4-Nitrophenol
Concen: 127.151 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion:139 Resp: 315896
Ion Ratio Lower Upper
139 100
109 67.1 47.5 87.5
65 84.2 64.9 104.9



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): BG

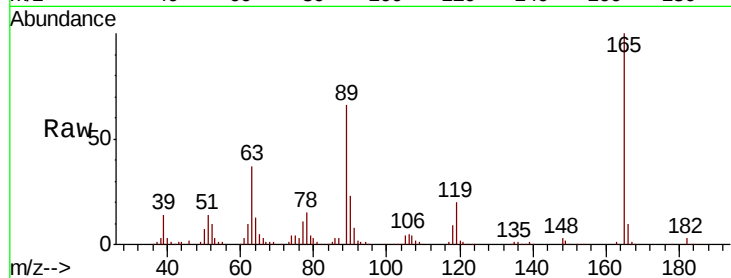




#57
2,4-Dinitrotoluene
Concen: 53.189 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.5	30.3	45.5
89	65.5	53.4	80.2
182	2.7	2.1	3.1

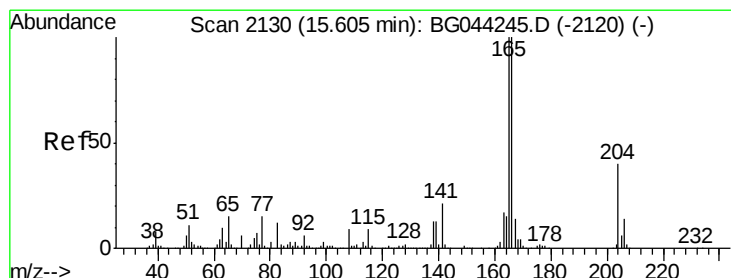
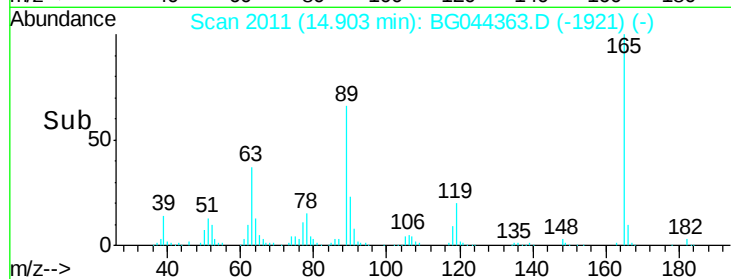
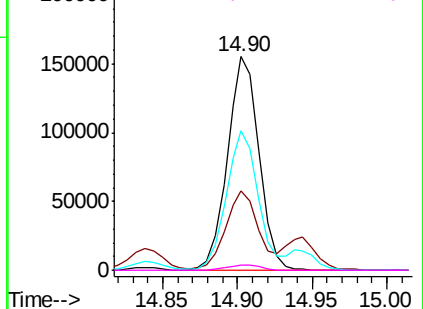


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

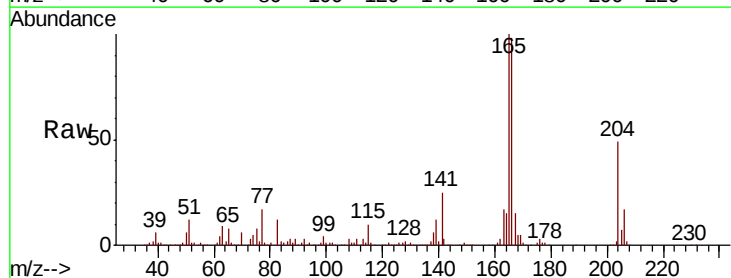
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 52.098 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

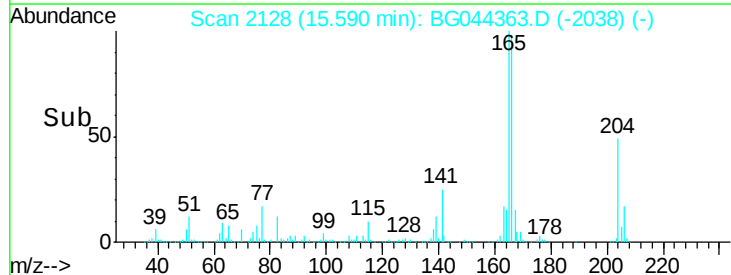
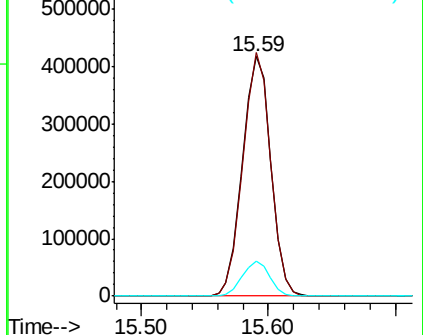
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.6	79.9	119.9
167	14.7	11.4	17.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 56.584 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 193069

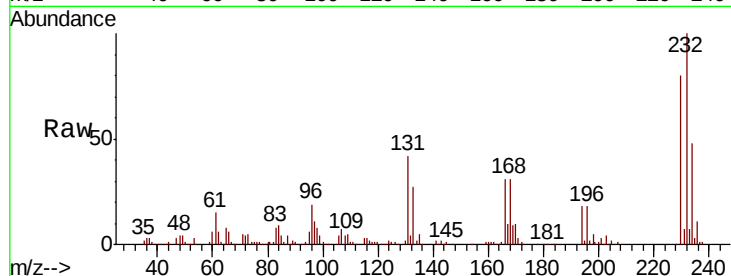
Ion Ratio Lower Upper

232 100

131 41.9 34.2 51.4

130 2.3 1.8 2.8

166 29.6 23.8 35.8

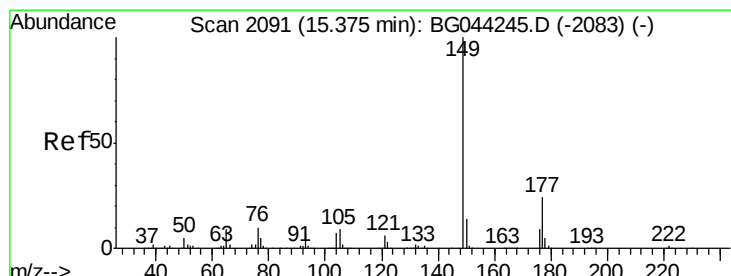
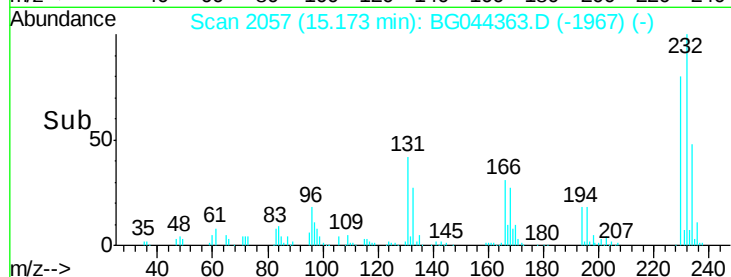
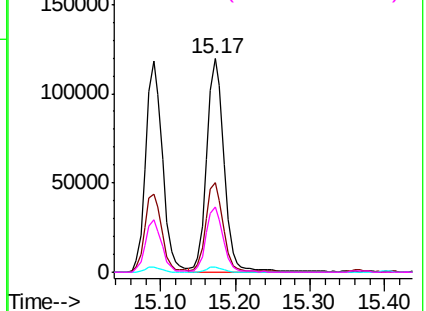


Abundance Ion 232.00 (231.70 to 232.70): E

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: 52.646 ng

RT: 15.37 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

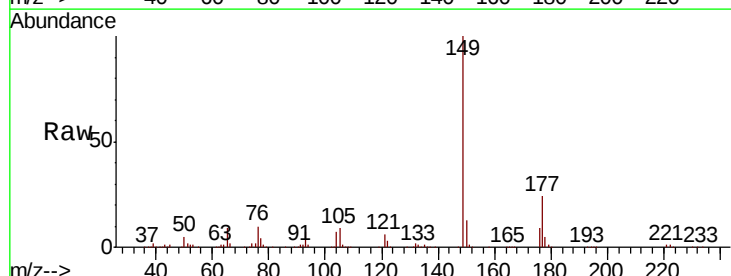
Tgt Ion:149 Resp: 721266

Ion Ratio Lower Upper

149 100

177 24.4 19.4 29.0

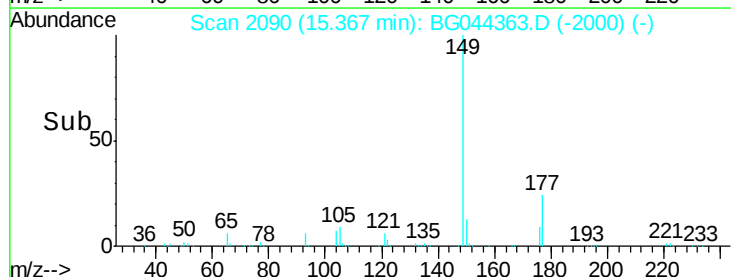
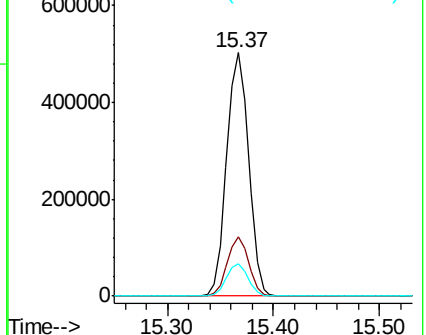
150 13.2 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

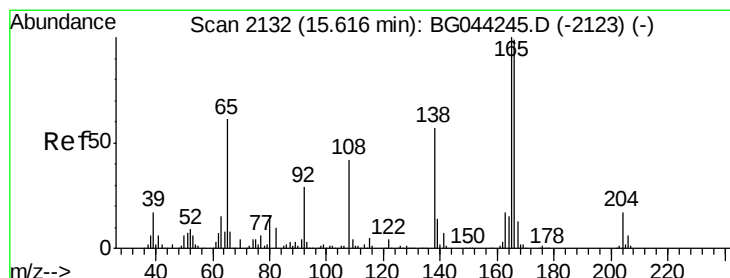
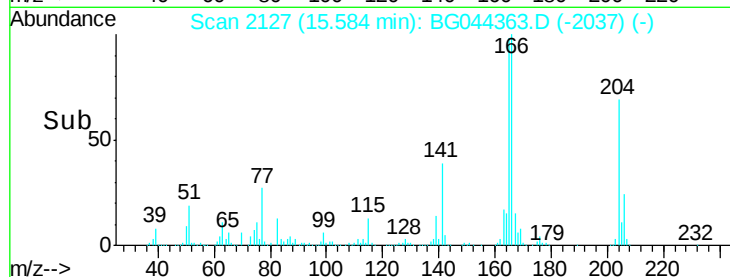
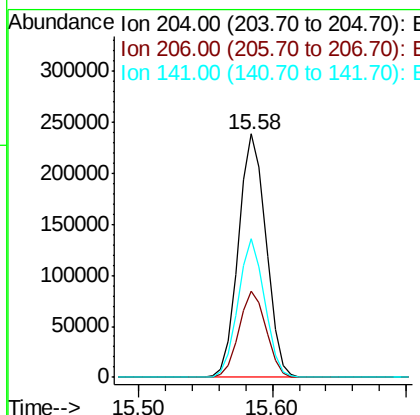
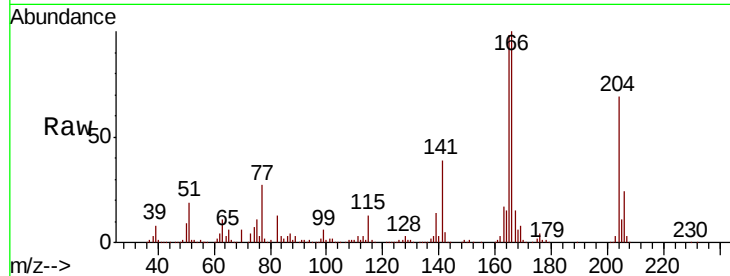




#61
 4-Chlorophenyl-phenylether
 Concen: 50.530 ng
 RT: 15.58 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

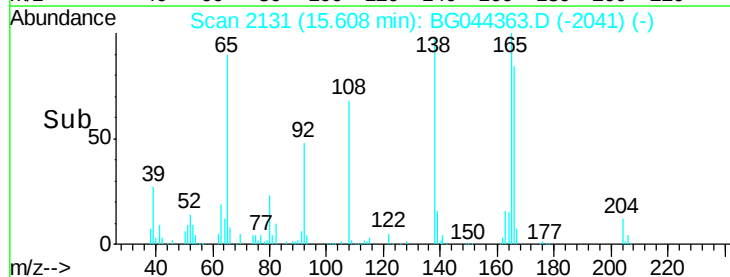
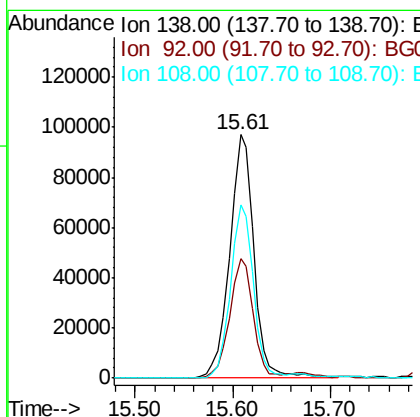
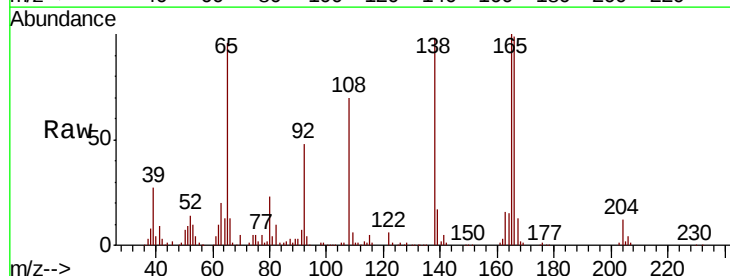
Instrument :
 BNA_G
 ClientSampleId :

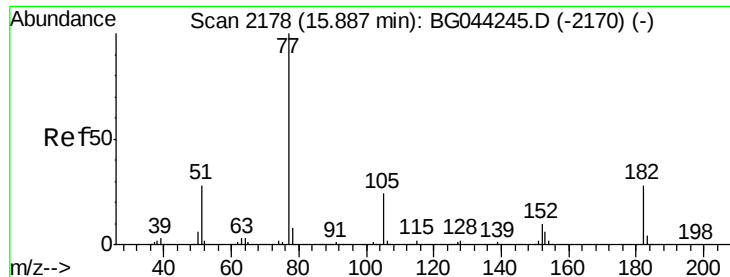
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.3	27.6	41.4
141	56.9	43.4	65.0



#62
 4-Nitroaniline
 Concen: 49.263 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	31.3	71.3
108	71.4	52.6	92.6

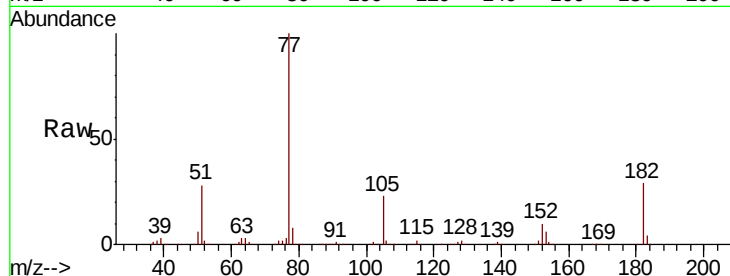




#63
Azobenzene
Concen: 52.780 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.0	8.2	48.2
105	23.2	3.6	43.6
51	28.1	8.3	48.3



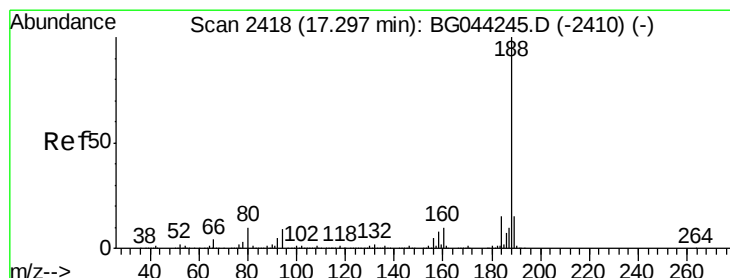
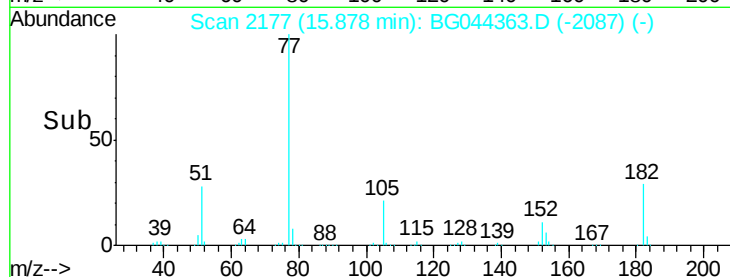
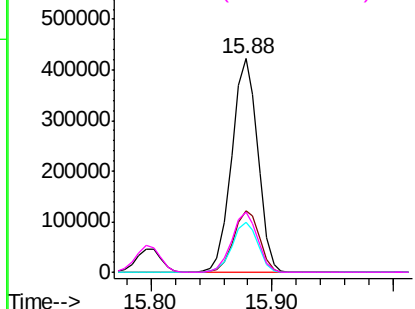
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

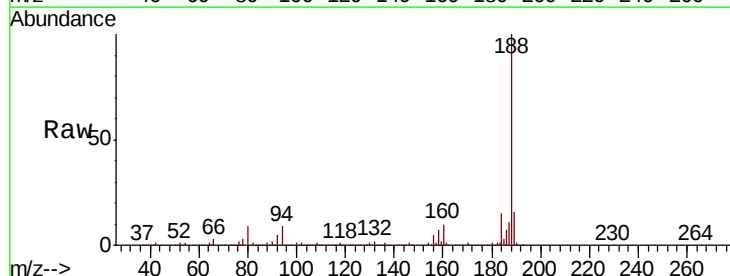
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.4	11.2
80	9.3	7.7	11.5

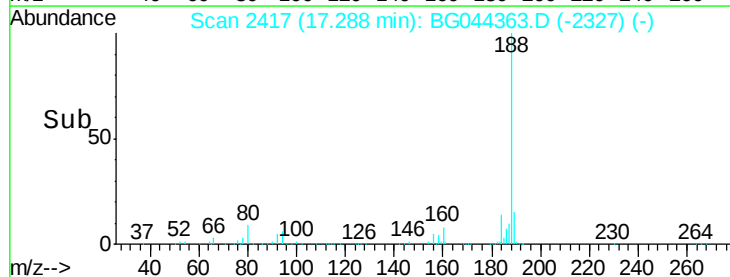
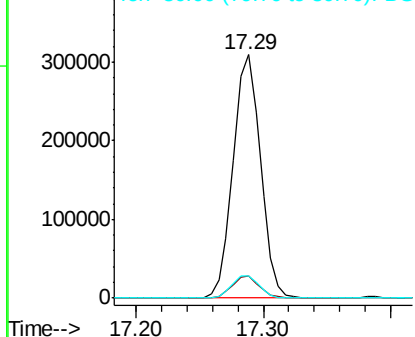


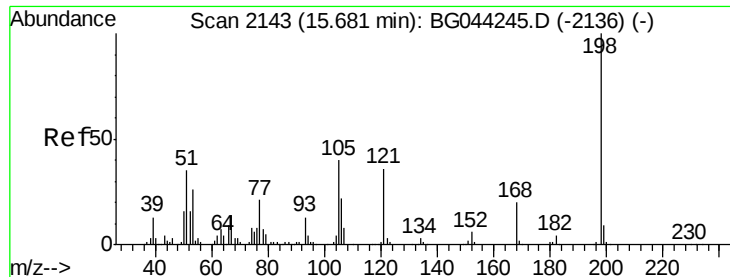
Abundance

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: 56.124 ng

RT: 15.67 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

ClientSampled :

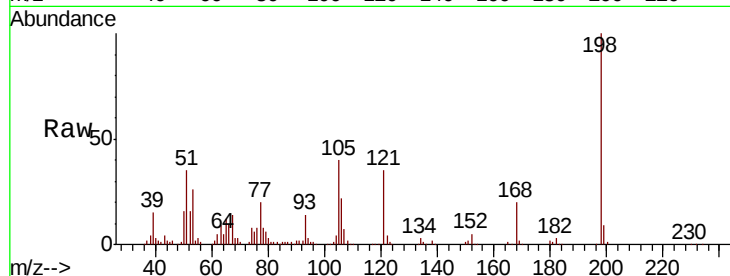
Tot Ion:198 Resp: 143431

Ion Ratio Lower Upper

198 100

51 34.5 16.6 56.6

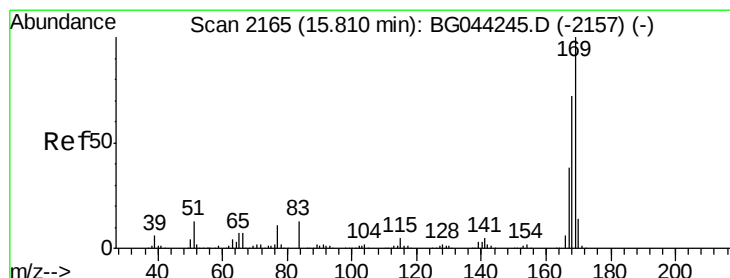
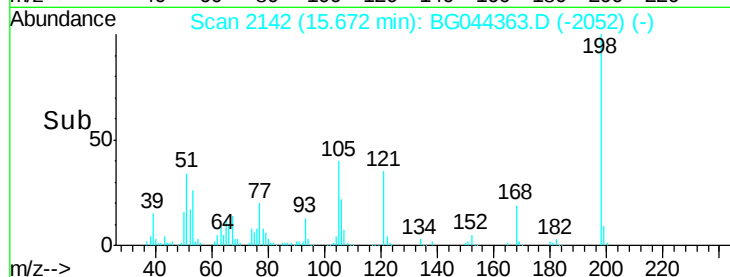
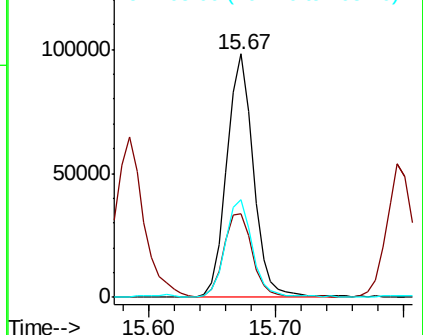
105 40.4 20.6 60.6



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: 47.880 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

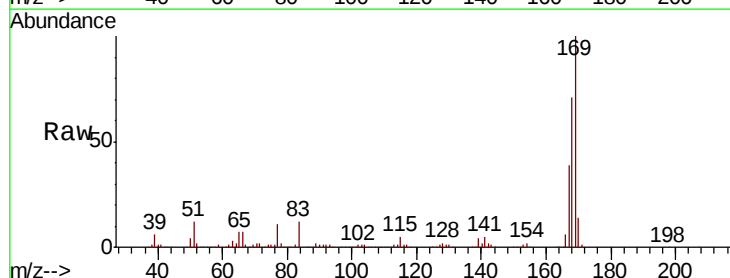
Tgt Ion:169 Resp: 621219

Ion Ratio Lower Upper

169 100

168 70.9 57.9 86.9

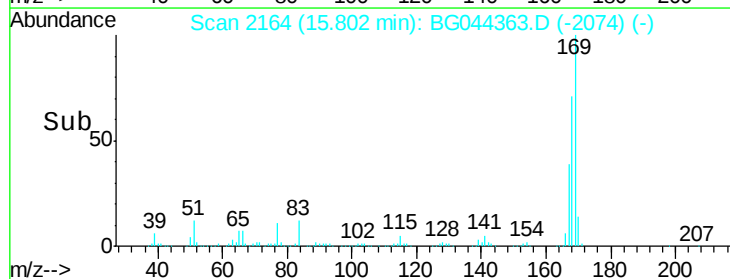
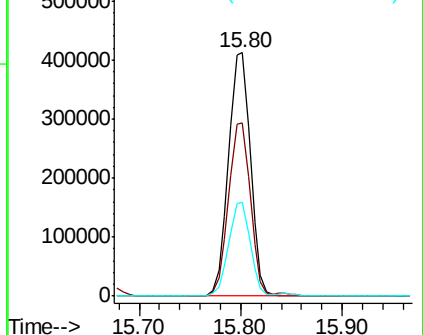
167 38.6 30.7 46.1

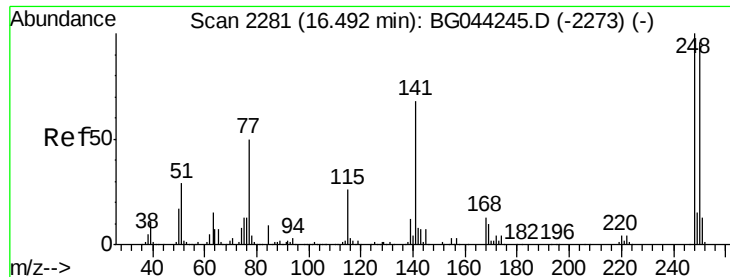


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

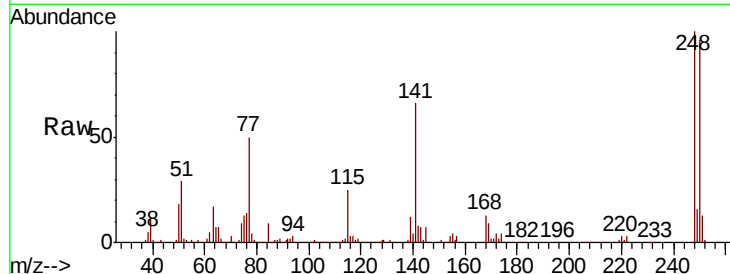




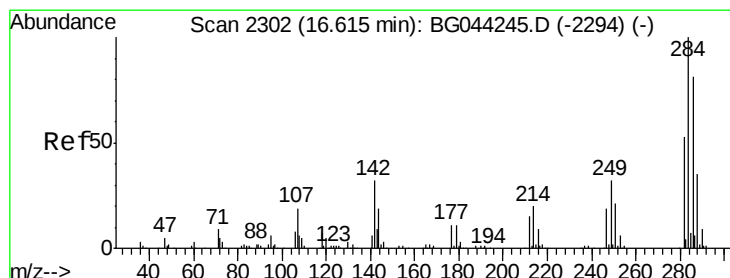
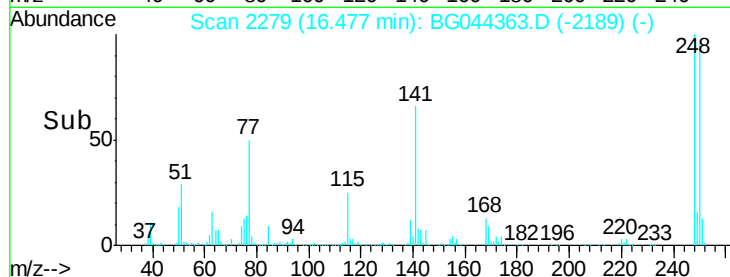
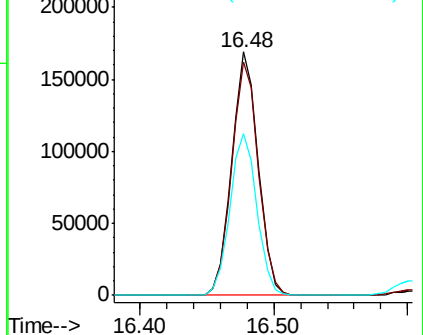
#67
 4-Bromophenyl-phenylether
 Concen: 46.253 ng
 RT: 16.48 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 233300
 Ion Ratio Lower Upper
 248 100
 250 95.8 76.6 114.8
 141 66.2 54.7 82.1

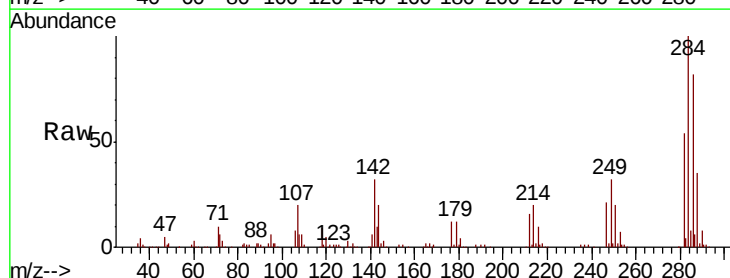


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

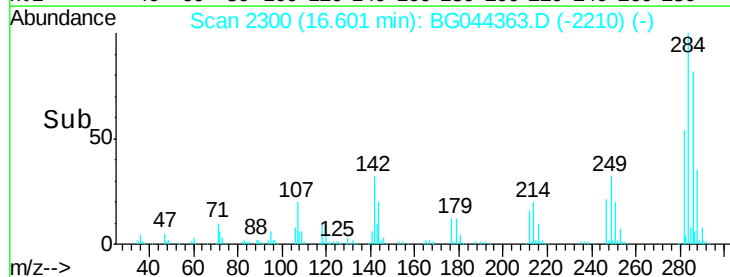
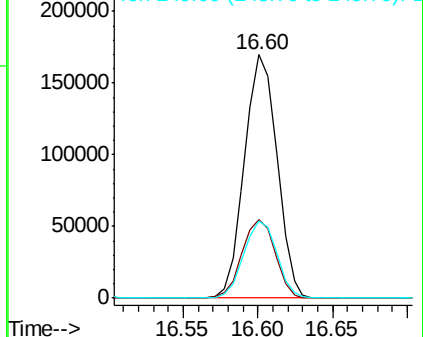


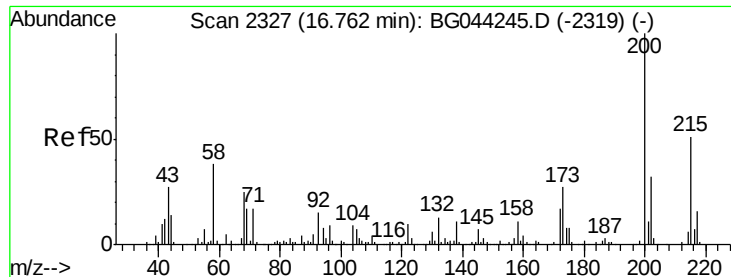
#68
 Hexachlorobenzene
 Concen: 45.465 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Tgt Ion:284 Resp: 256922
 Ion Ratio Lower Upper
 284 100
 142 32.1 25.3 37.9
 249 31.8 25.5 38.3



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

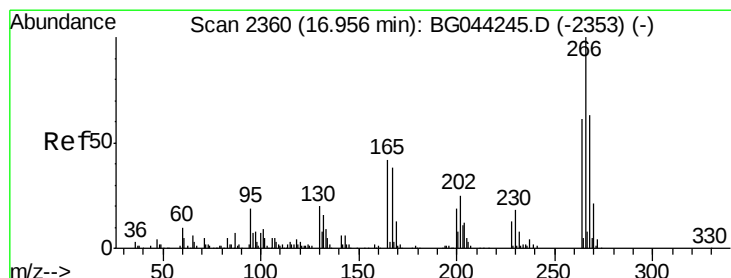
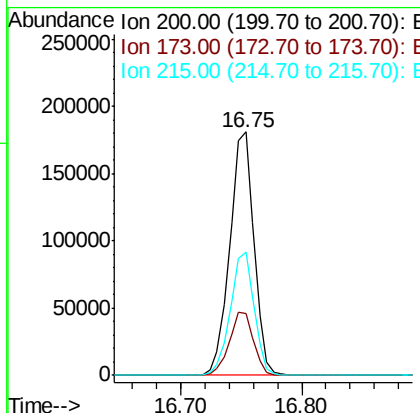
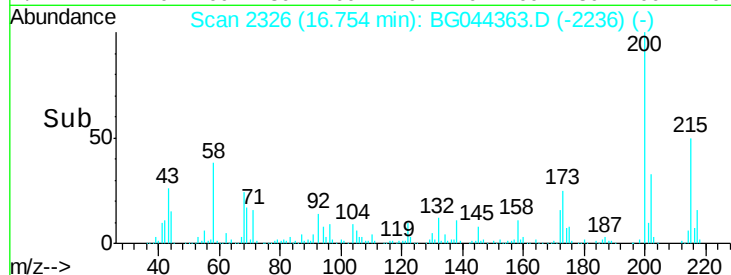
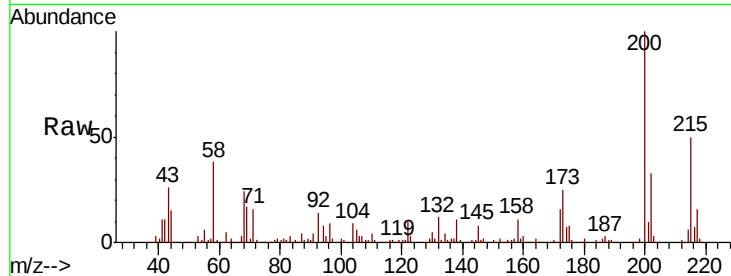




#69
 Atrazine
 Concen: 56.882 ng
 RT: 16.75 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

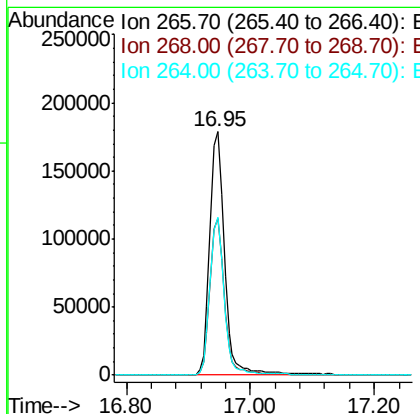
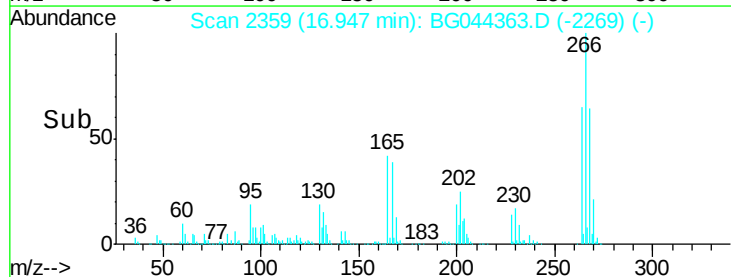
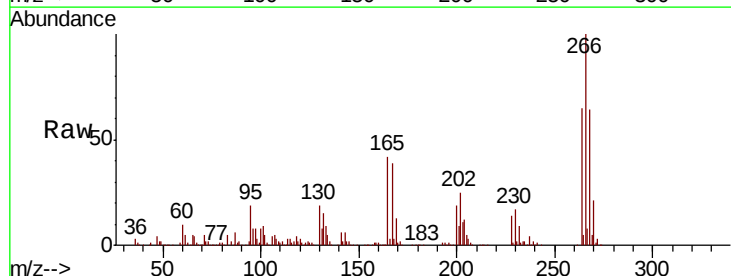
Instrument :
 BNA_G
 ClientSampled :

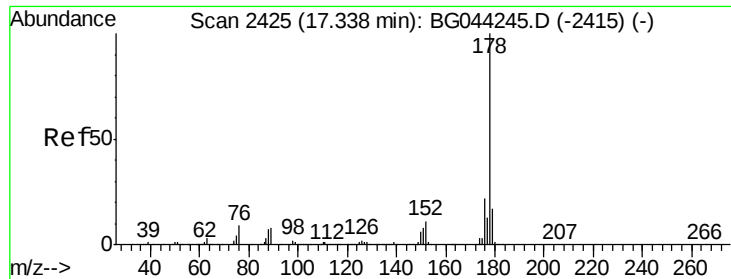
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	6.6	46.6
215	50.5	31.0	71.0



#70
 Pentachlorophenol
 Concen: 102.965 ng
 RT: 16.95 min Scan# 2359
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	50.6	75.8
264	64.7	48.7	73.1

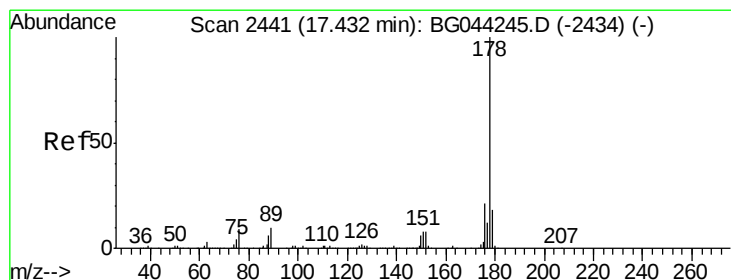
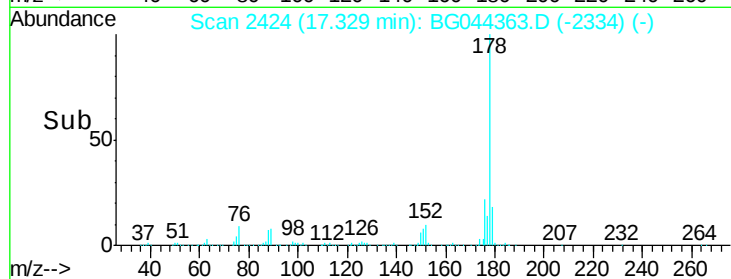
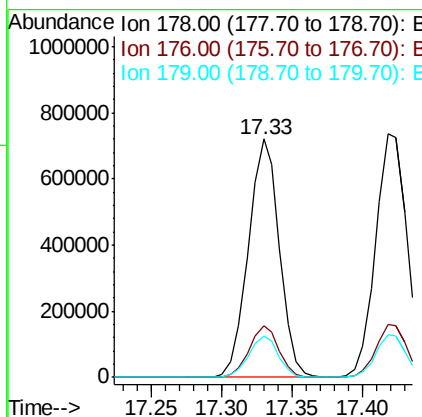
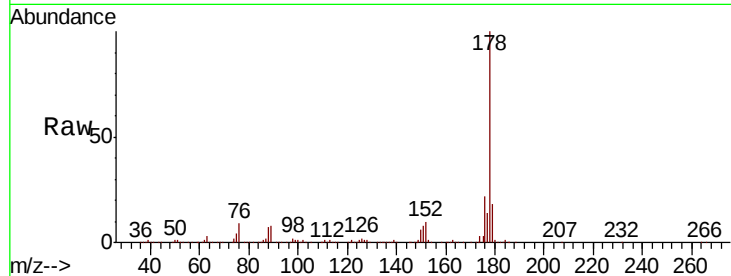




#71
 Phenanthrene
 Concen: 49.563 ng
 RT: 17.33 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

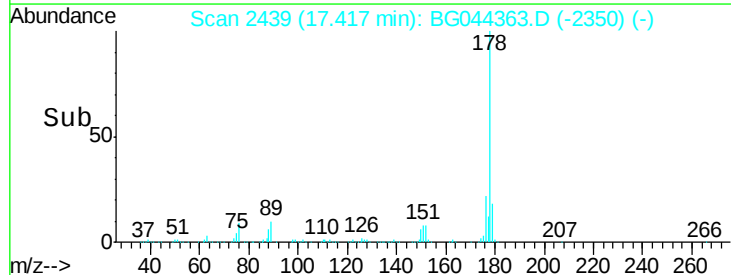
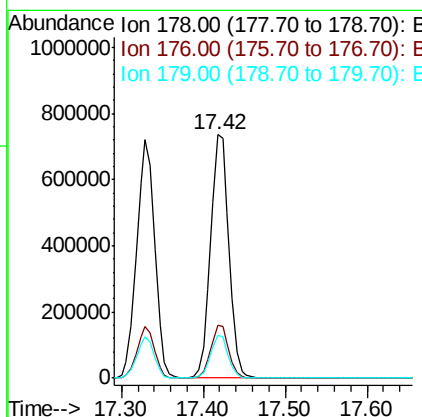
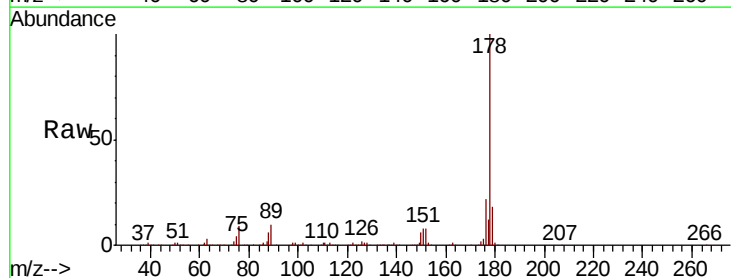
Instrument :
 BNA_G
 ClientSampled :

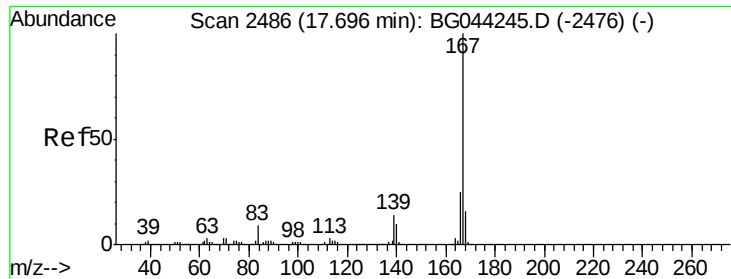
Tot Ion:178 Resp: 1111141
 Ion Ratio Lower Upper
 178 100
 176 21.5 17.7 26.5
 179 17.6 13.7 20.5



#72
 Anthracene
 Concen: 51.729 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Tgt Ion:178 Resp: 1146541
 Ion Ratio Lower Upper
 178 100
 176 21.6 17.0 25.4
 179 17.6 14.4 21.6





#73

Carbazole

Concen: 51.793 ng

RT: 17.69 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

ClientSampled :

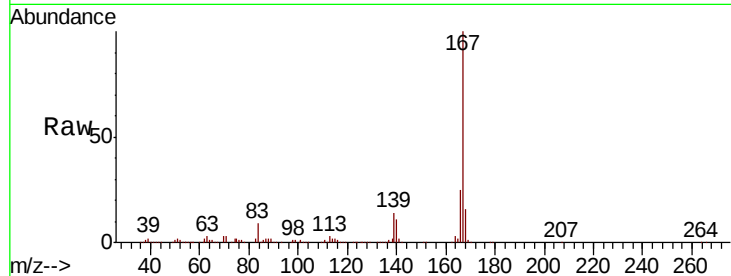
Tot Ion:167 Resp: 1058284

Ion Ratio Lower Upper

167 100

166 25.0 19.8 29.6

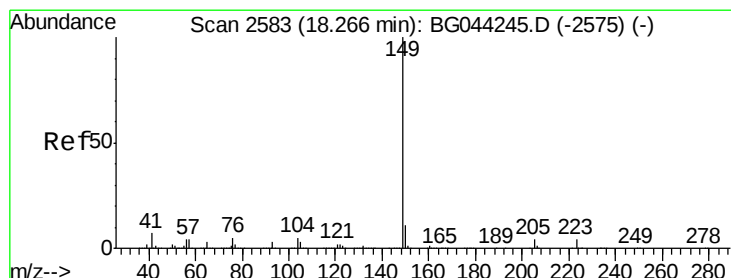
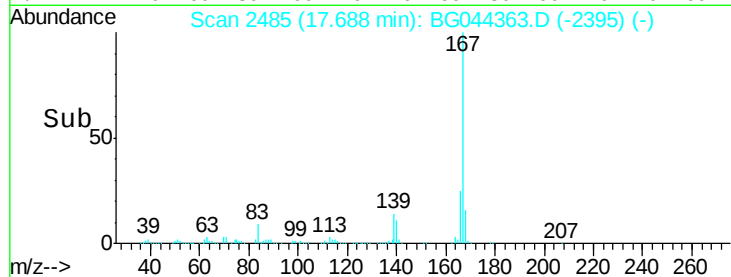
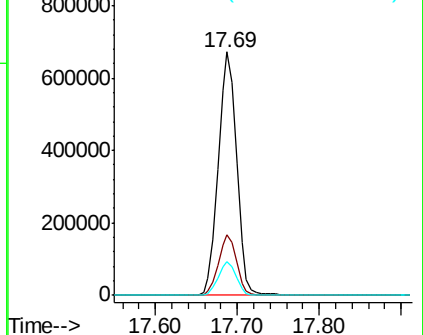
139 13.7 11.1 16.7



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: 51.177 ng

RT: 18.26 min Scan# 2582

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

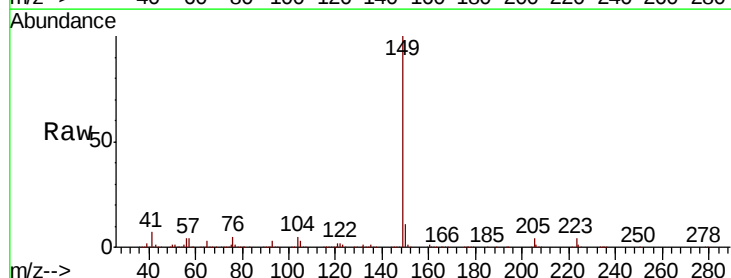
Tgt Ion:149 Resp: 1292237

Ion Ratio Lower Upper

149 100

150 10.8 8.7 13.1

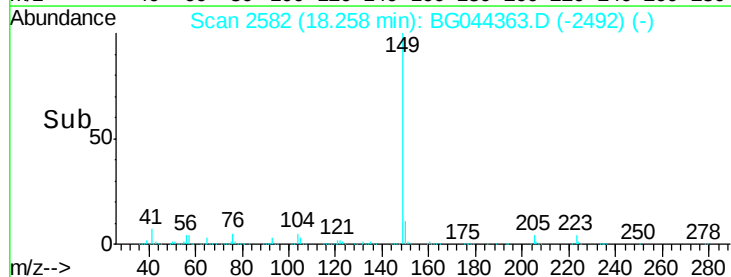
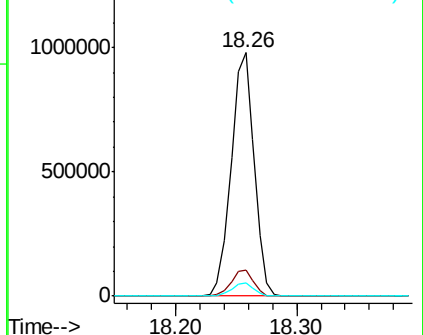
104 5.4 4.3 6.5

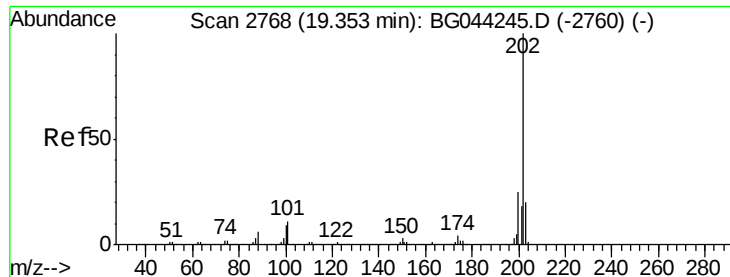


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 52.321 ng

RT: 19.34 min Scan# 2766

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

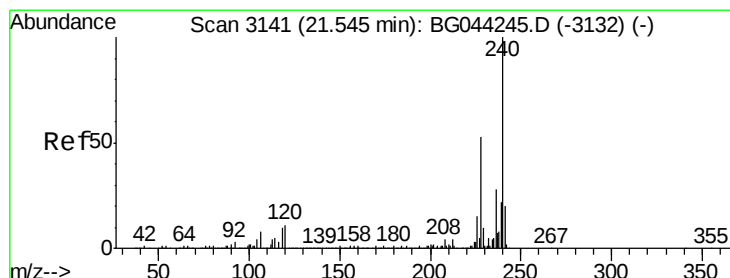
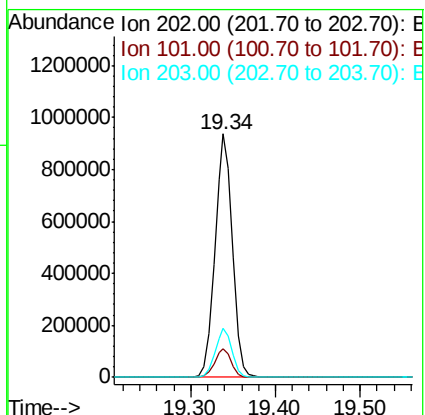
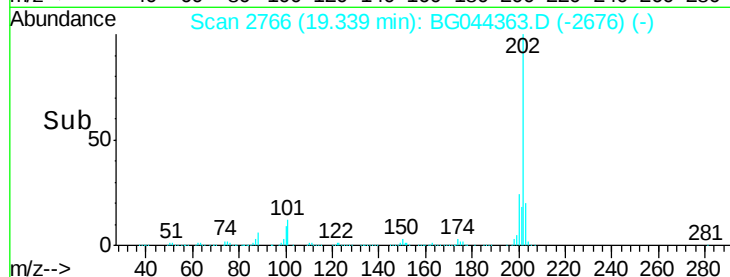
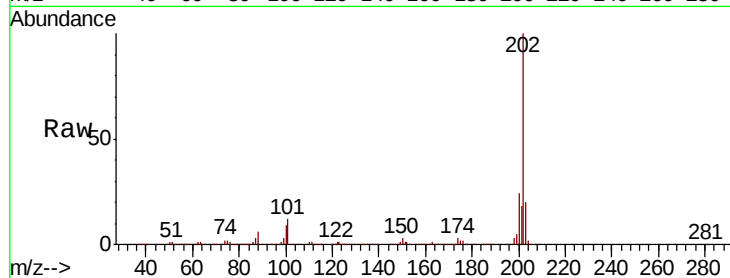
Tot Ion:202 Resp: 1356910

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.3

203 20.0 0.0 39.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

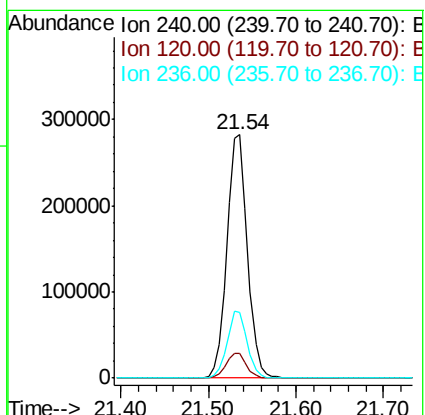
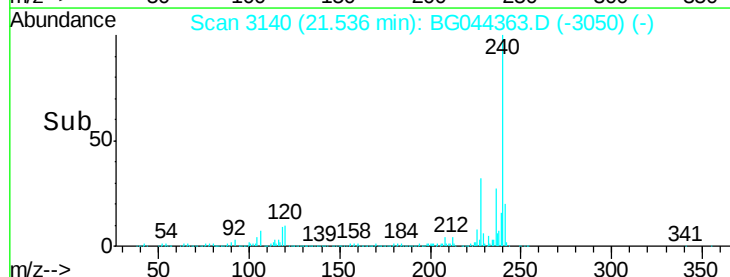
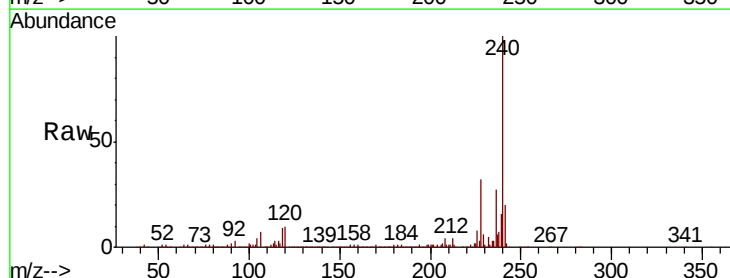
Tgt Ion:240 Resp: 452724

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

236 27.1 22.1 33.1





#77

Benzidine

Concen: 36.704 ng

RT: 19.51 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

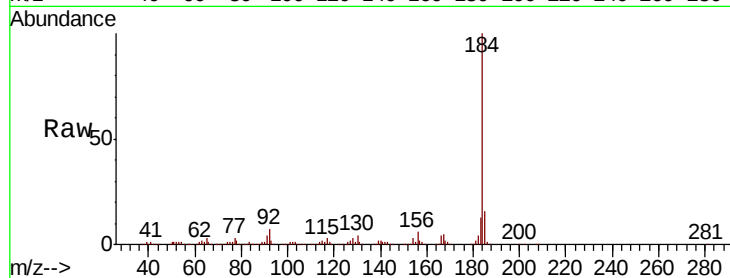
Tot Ion:184 Resp: 460908

Ion Ratio Lower Upper

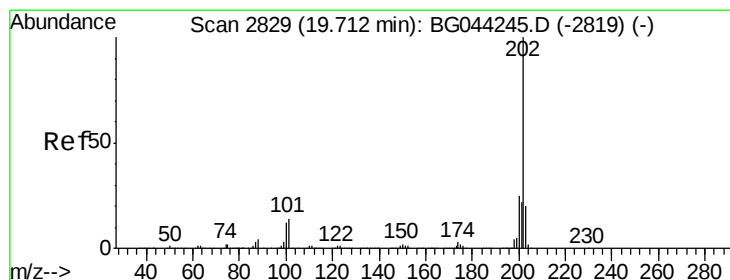
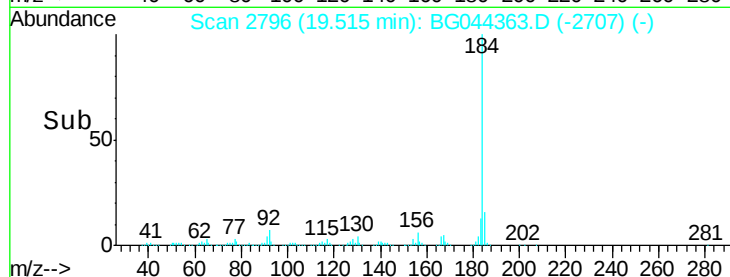
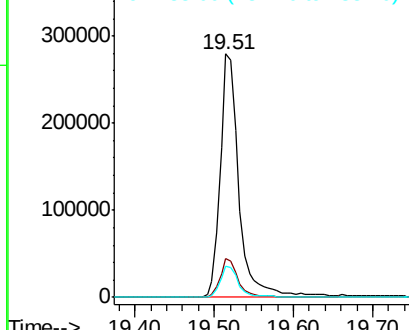
184 100

185 15.9 12.9 19.3

183 13.0 10.8 16.2



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: 46.775 ng

RT: 19.70 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

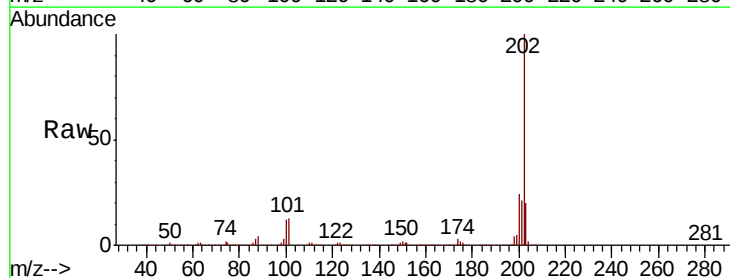
Tgt Ion:202 Resp: 1359948

Ion Ratio Lower Upper

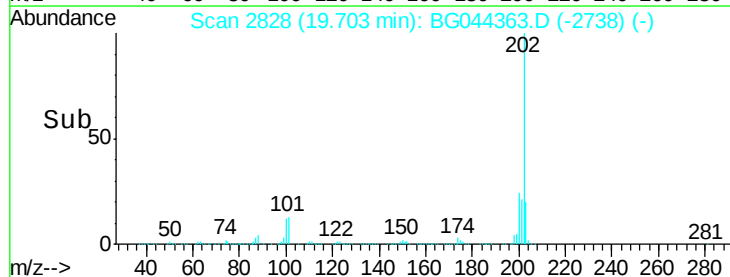
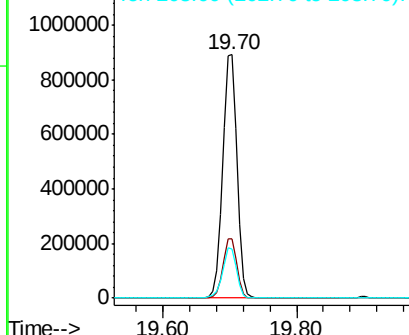
202 100

200 24.3 20.0 30.0

203 20.0 16.2 24.2



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: 67.653 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

ClientSampled :

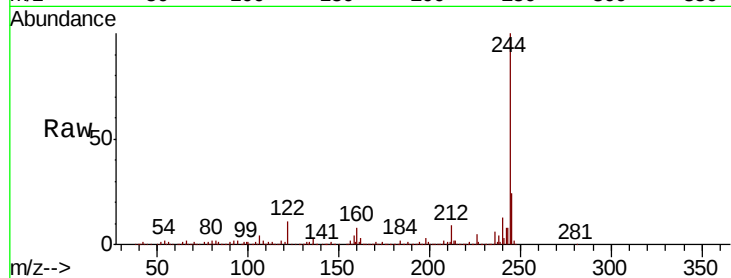
Tot Ion:244 Resp: 1489071

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.2

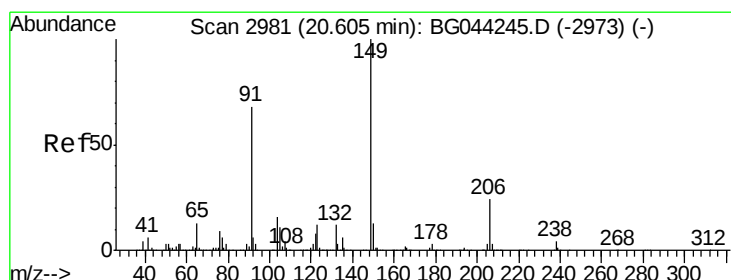
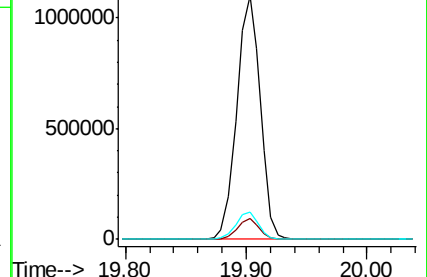
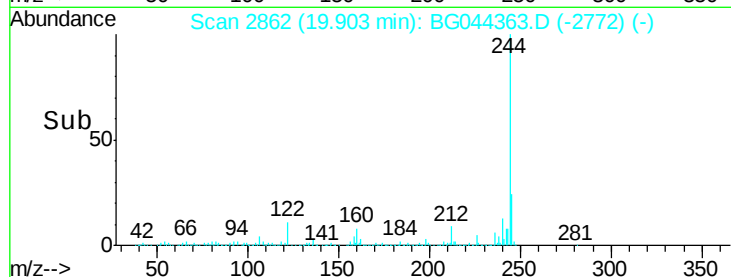
122 11.4 9.8 14.6



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: 44.893 ng

RT: 20.59 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

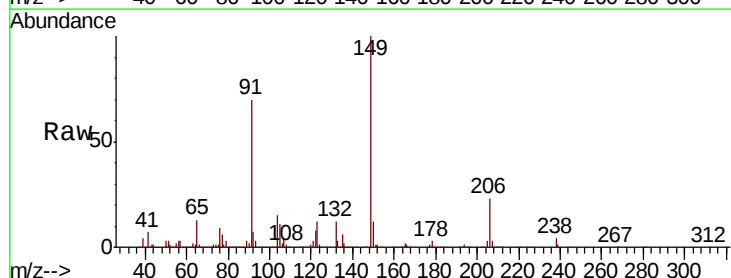
Tgt Ion:149 Resp: 594802

Ion Ratio Lower Upper

149 100

91 70.5 54.5 81.7

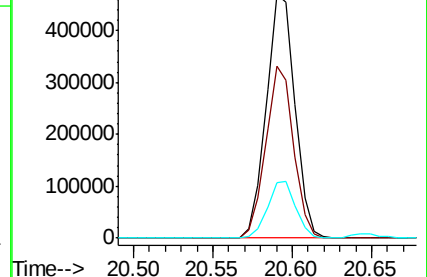
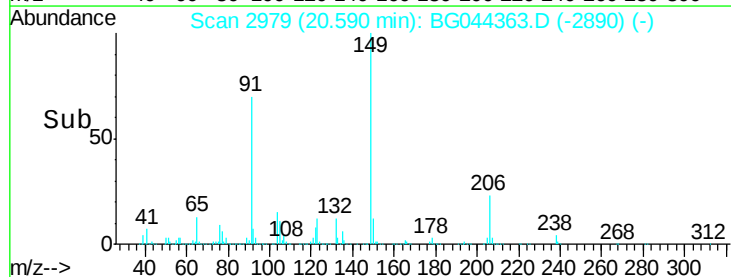
206 22.6 19.1 28.7

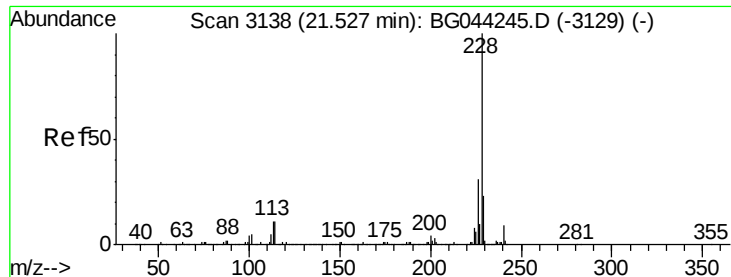


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

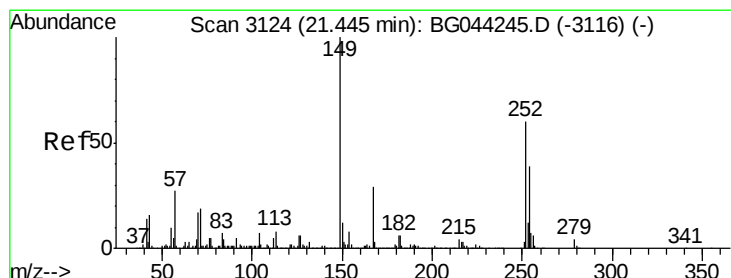
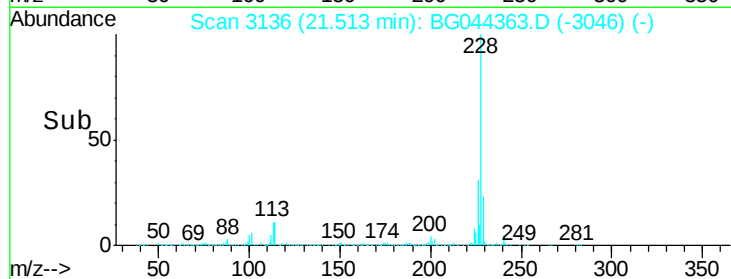
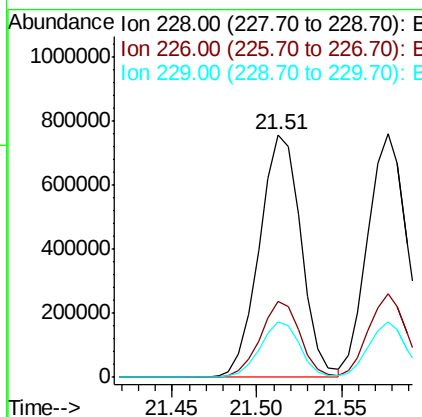
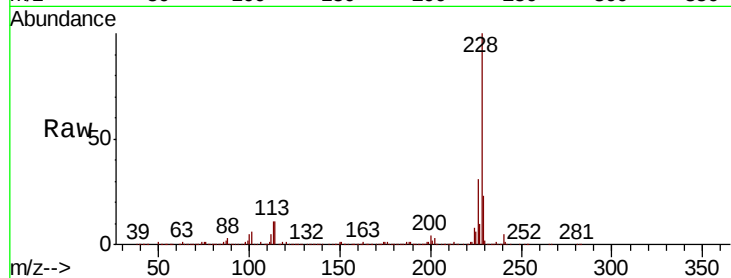




#81
Benzo(a)anthracene
Concen: 46.706 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

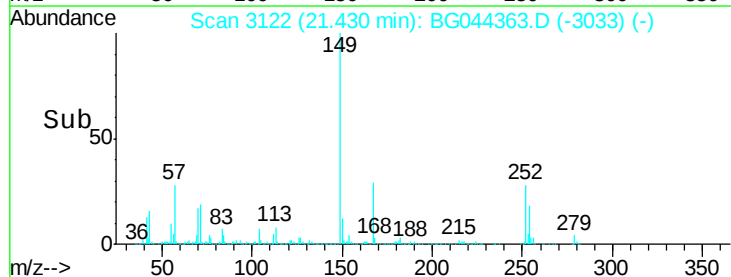
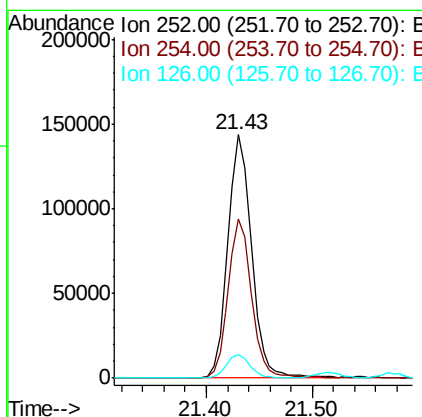
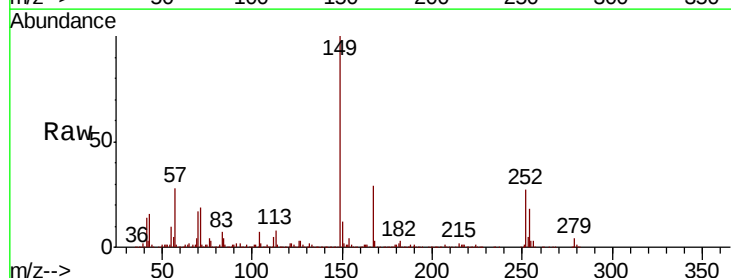
Instrument :
BNA_G
ClientSampleId :

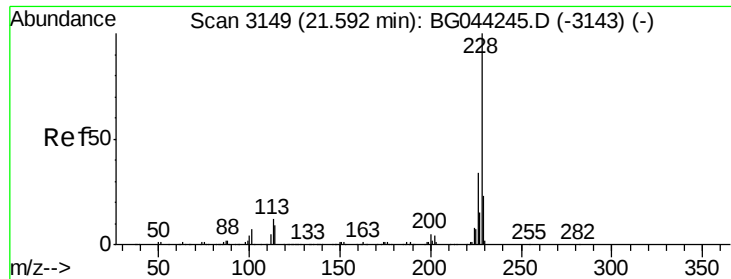
Tot Ion:228 Resp: 1303169
Ion Ratio Lower Upper
228 100
226 31.1 24.7 37.1
229 22.6 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 20.665 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion:252 Resp: 223786
Ion Ratio Lower Upper
252 100
254 65.4 52.6 78.8
126 9.7 8.2 12.4

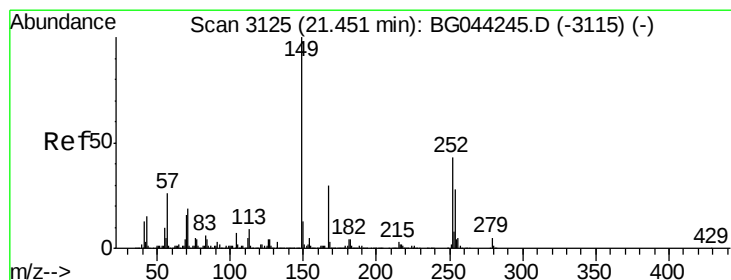
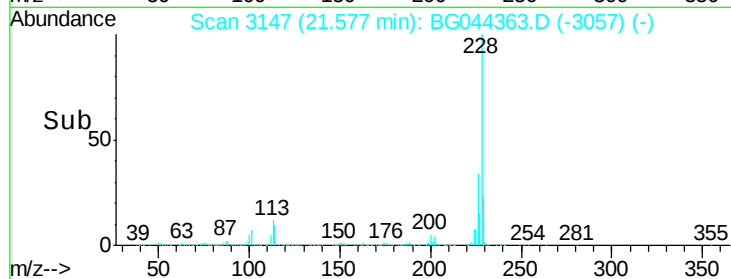
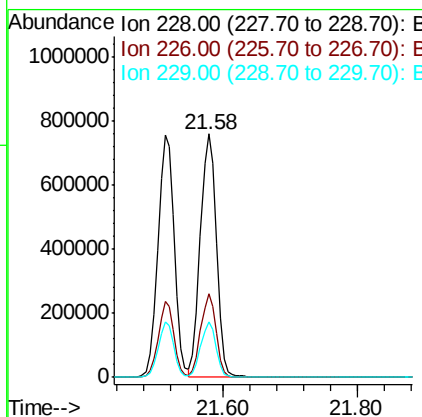
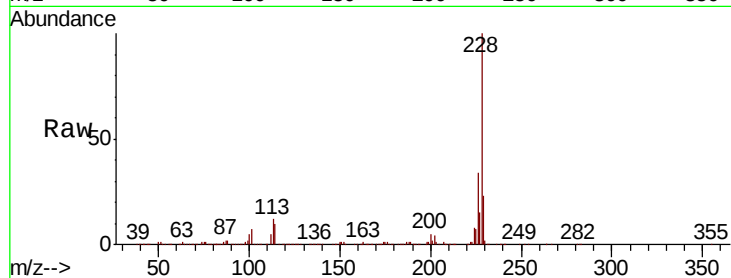




#83
 Chrvsene
 Concen: 46.060 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

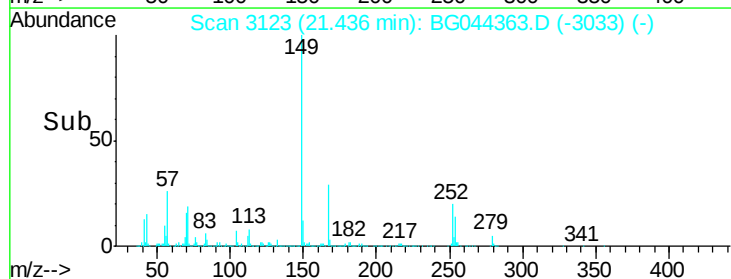
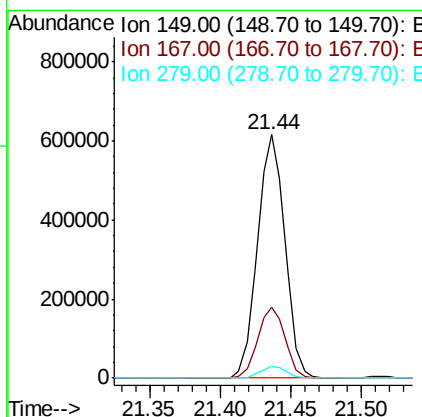
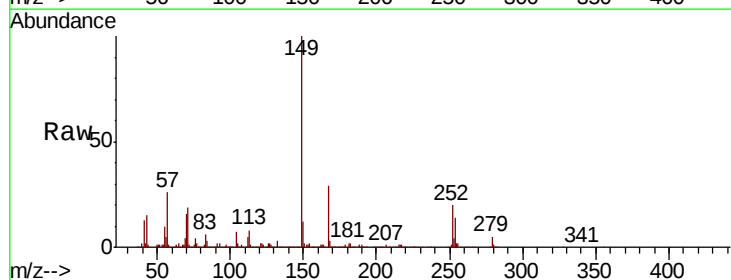
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1242228
 Ion Ratio Lower Upper
 228 100
 226 34.3 27.1 40.7
 229 22.9 17.9 26.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.310 ng
 RT: 21.44 min Scan# 3123
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Tgt Ion:149 Resp: 844545
 Ion Ratio Lower Upper
 149 100
 167 29.3 24.0 36.0
 279 4.8 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 46.215 ng

RT: 22.60 min Scan# 3321

Delta R.T. -0.01 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

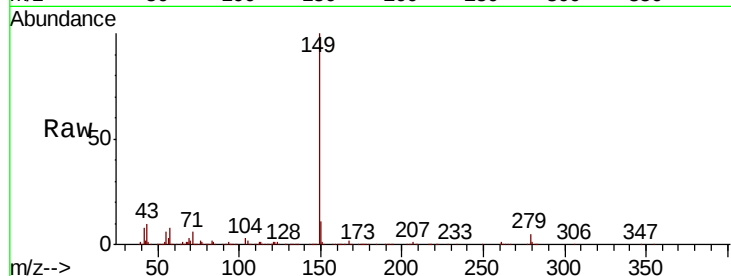
Tot Ion:149 Resp: 1458250

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.1 7.4 11.0

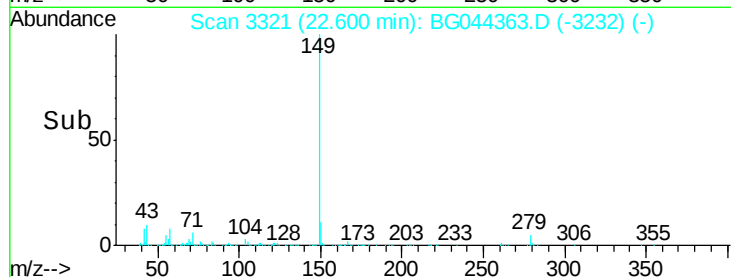


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

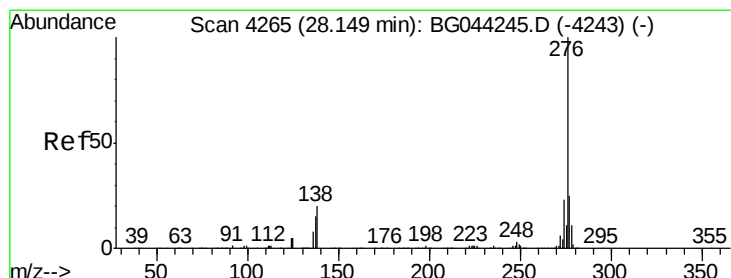
Ion 43.00 (42.70 to 43.70): B

Time-->



22.60

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.455 ng

RT: 28.12 min Scan# 4260

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

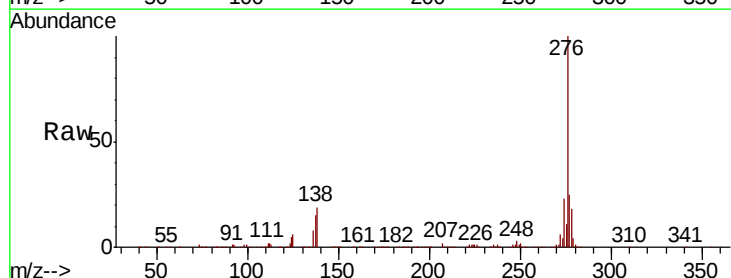
Tgt Ion:276 Resp: 1634564

Ion Ratio Lower Upper

276 100

138 23.8 19.4 29.0

277 26.2 21.0 31.6

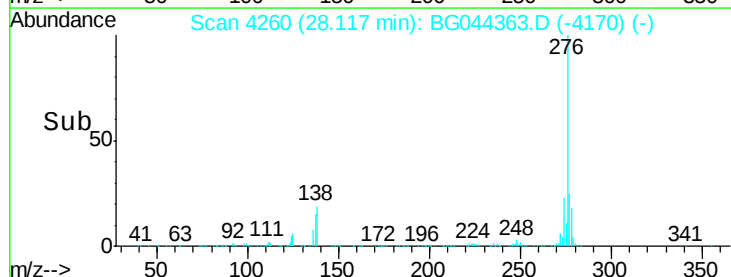


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

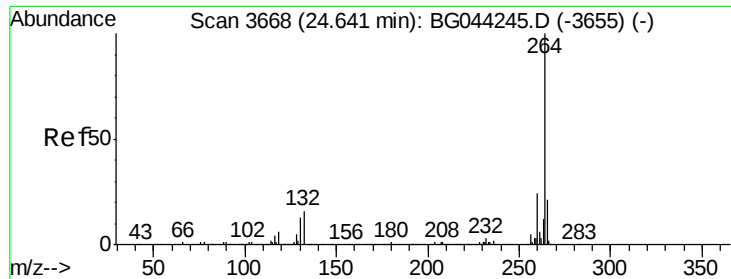
Ion 277.00 (276.70 to 277.70): E

Time-->



28.12

Time-->



#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.61 min Scan# 3664

Delta R.T. -0.01 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

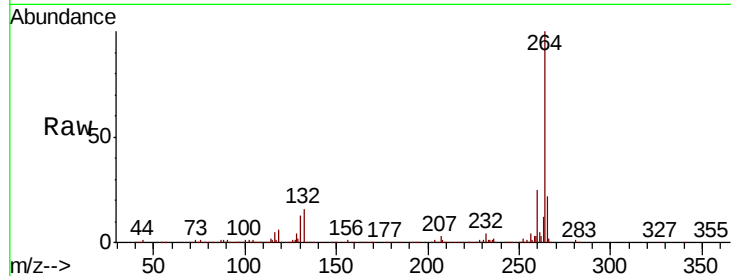
Tot Ion:264 Resp: 490142

Ion Ratio Lower Upper

264 100

260 25.0 19.4 29.2

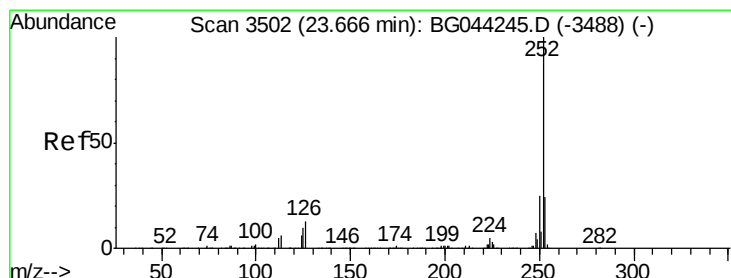
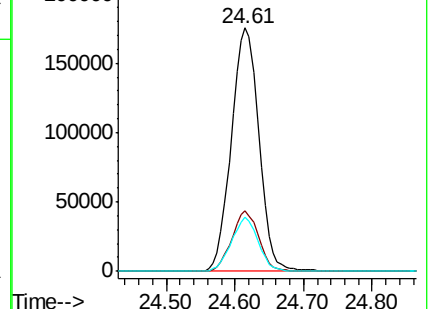
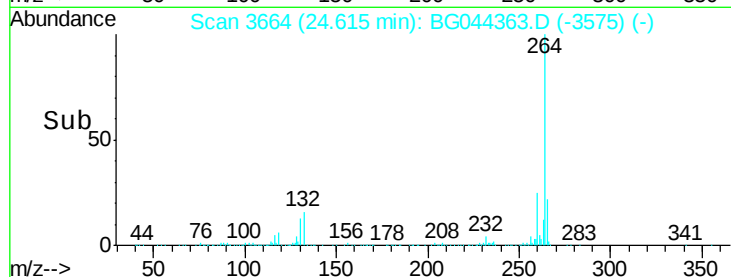
265 22.2 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.252 ng

RT: 23.65 min Scan# 3499

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

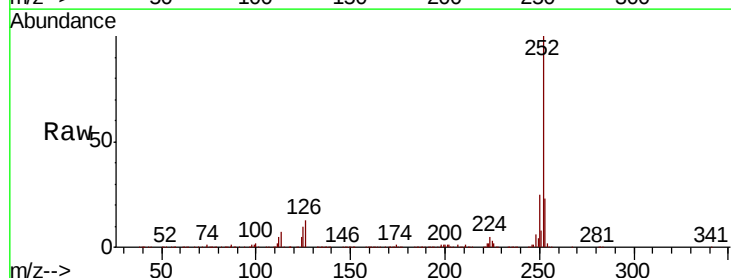
Tgt Ion:252 Resp: 1391057

Ion Ratio Lower Upper

252 100

253 23.4 19.2 28.8

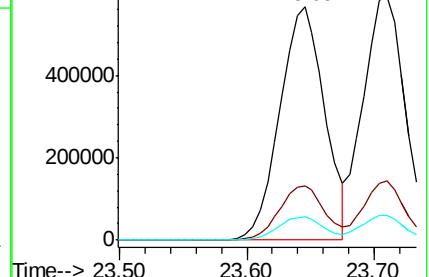
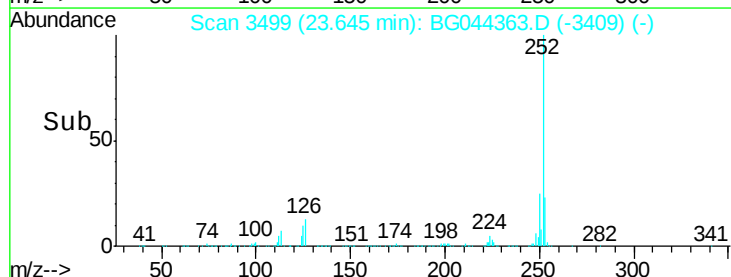
125 9.9 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

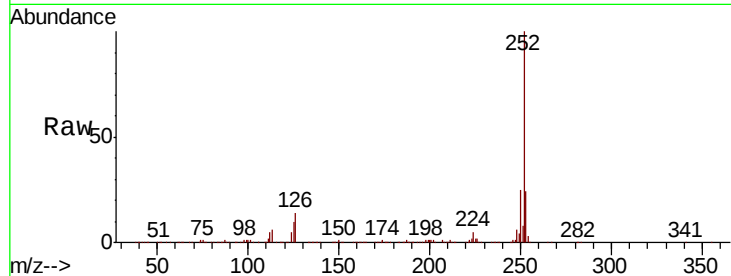




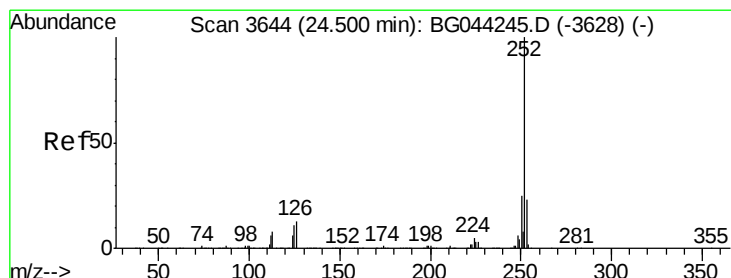
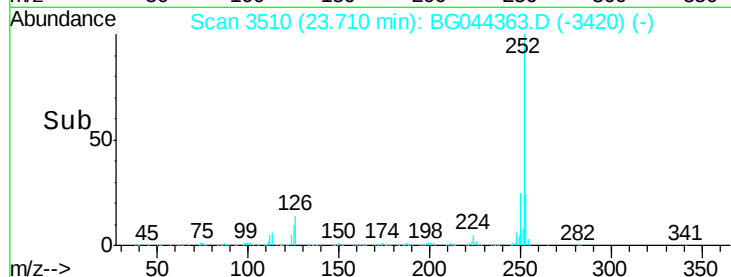
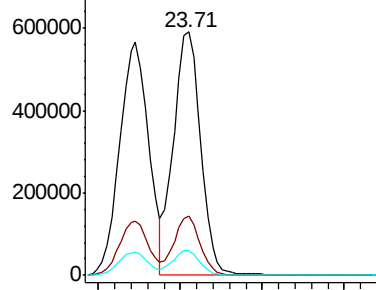
#89
Benzo(k)fluoranthene
Concen: 49.747 ng
RT: 23.71 min Scan# 3510
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1369406
Ion Ratio Lower Upper
252 100
253 24.4 19.1 28.7
125 10.3 8.6 12.8

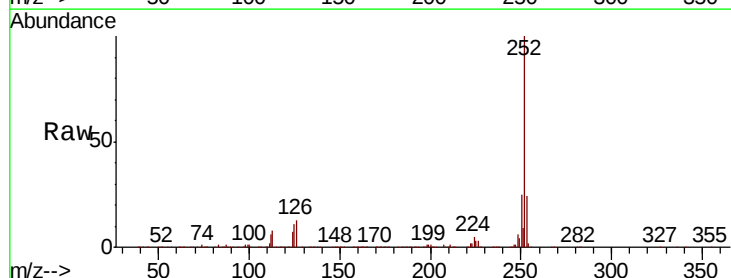


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

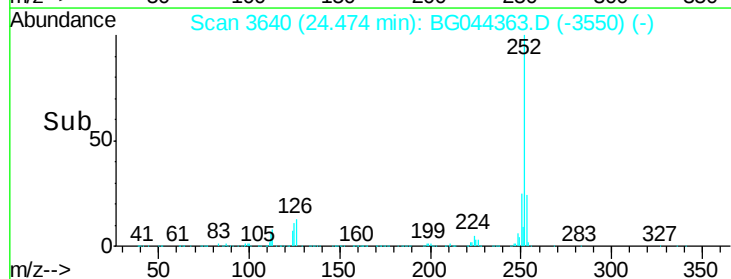
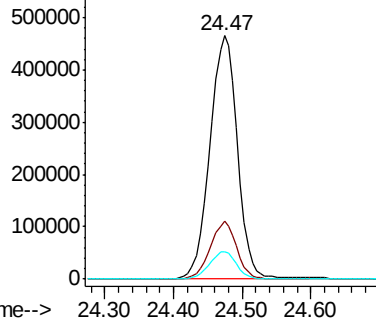


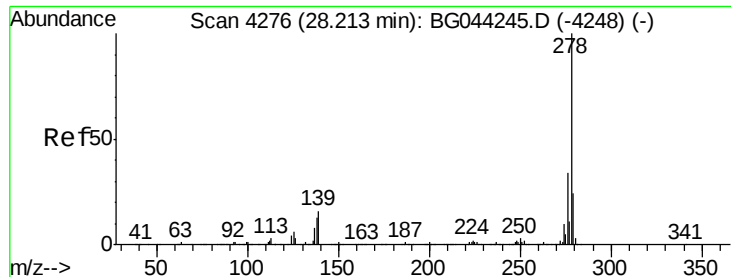
#90
Benzo(a)pyrene
Concen: 48.558 ng
RT: 24.47 min Scan# 3640
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion:252 Resp: 1296703
Ion Ratio Lower Upper
252 100
253 23.6 18.1 27.1
125 11.3 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

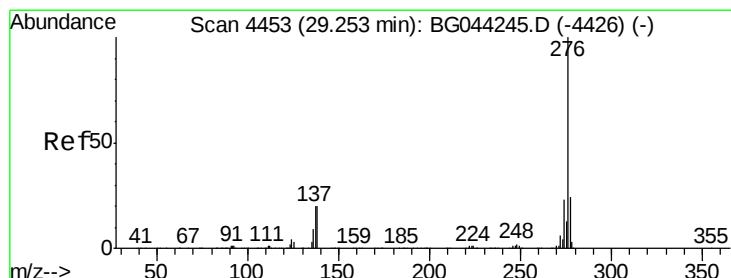
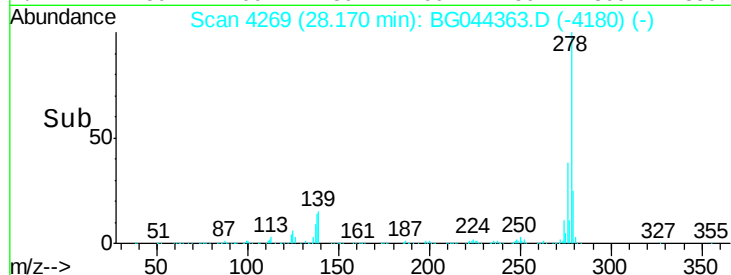
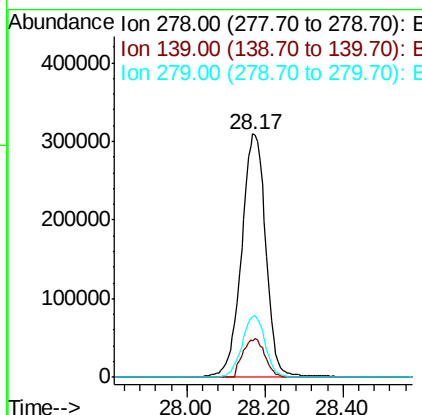
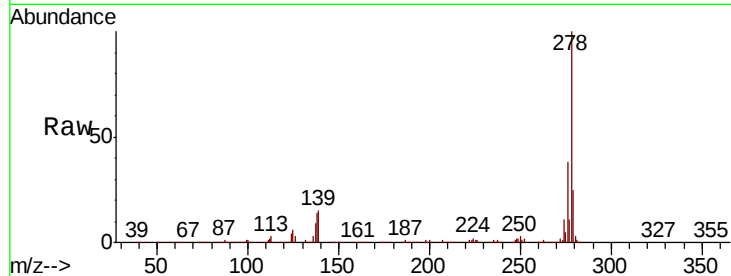




#91
Dibenzo(a,h)anthracene
Concen: 50.844 ng
RT: 28.17 min Scan# 4269
Delta R.T. -0.01 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1343720
Ion Ratio Lower Upper
278 100
139 15.1 12.7 19.1
279 25.1 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 51.748 ng
RT: 29.20 min Scan# 4445
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion:276 Resp: 1369060
Ion Ratio Lower Upper
276 100
277 24.4 18.8 28.2
138 20.3 16.2 24.2

