

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
 Data File : BG044265.D
 Acq On : 31 Jan 2020 18:25
 Operator : CG/JU
 Sample : L1331-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 31 23:31:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	78934	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	359933	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	254544	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	527138	20.00	ng	0.00
76) Chrysene-d12	21.55	240	441437	20.00	ng	0.00
87) Perylene-d12	24.64	264	511080	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	589164	131.73	ng	0.00
7) Phenol-d6	7.09	99	823709	137.15	ng	0.00
23) Nitrobenzene-d5	9.07	82	491144	77.04	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	334049	111.79	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1120831	73.74	ng	0.00
79) Terphenyl-d14	19.91	244	1629867	75.94	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	86241	42.917	ng	99
3) Pyridine	3.77	79	218780	40.865	ng	98
4) n-Nitrosodimethylamine	3.69	42	107689	48.136	ng	97
6) Aniline	7.24	93	256476	34.403	ng	98
8) 2-Chlorophenol	7.48	128	307040	62.464	ng	99
9) Benzaldehyde	7.05	77	130784	38.234	ng	97
10) Phenol	7.11	94	408779	68.772	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	259040	50.975	ng	96
12) 1,3-Dichlorobenzene	7.81	146	283899	48.373	ng	99
13) 1,4-Dichlorobenzene	7.95	146	287456	49.453	ng	99
14) 1,2-Dichlorobenzene	8.27	146	276146	50.261	ng	100
15) Benzyl Alcohol	8.15	79	252416	59.363	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	351820	51.152	ng	99
17) 2-Methylphenol	8.36	107	268970	63.423	ng	98
18) Hexachloroethane	9.00	117	105516	48.374	ng	99
19) n-Nitroso-di-n-propylamine	8.72	70	220995	55.211	ng	98
20) 3+4-Methylphenols	8.69	107	370218	63.344	ng	98
22) Acetophenone	8.73	105	409673	46.787	ng	# 99
24) Nitrobenzene	9.12	77	310749	49.927	ng	98
25) Isophorone	9.64	82	613205	51.604	ng	100
26) 2-Nitrophenol	9.83	139	174829	54.134	ng	98
27) 2,4-Dimethylphenol	9.90	122	304819	66.863	ng	98
28) bis(2-Chloroethoxy)methane	10.13	93	391369	49.371	ng	98
29) 2,4-Dichlorophenol	10.37	162	318103	57.706	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	296638	46.930	ng	99
31) Naphthalene	10.77	128	879365	50.356	ng	99
32) Benzoic acid	10.06	122	113155	40.728	ng	91
33) 4-Chloroaniline	10.87	127	137191	17.274	ng	97
34) Hexachlorobutadiene	11.07	225	171593	44.119	ng	99
35) Caprolactam	11.64	113	68771	34.057	ng	96
36) 4-Chloro-3-methylphenol	12.01	107	345402	59.763	ng	99
37) 2-Methylnaphthalene	12.38	142	678304	52.315	ng	99
38) 1-Methylnaphthalene	12.59	142	652869	53.409	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	337493	44.324	ng	98

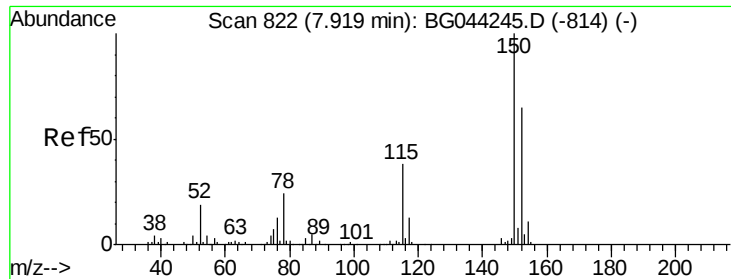
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
 Data File : BG044265.D
 Acq On : 31 Jan 2020 18:25
 Operator : CG/JU
 Sample : L1331-01MSD
 Misc :
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Quant Time: Jan 31 23:31:42 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	415733	113.789	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	257226	52.264	ng	100
44) 2,4,5-Trichlorophenol	13.06	196	275549	54.814	ng	98
46) 1,1'-Biphenyl	13.39	154	888119	48.371	ng	99
47) 2-Chloronaphthalene	13.43	162	694103	47.507	ng	100
48) 2-Nitroaniline	13.63	65	210418	48.800	ng	99
49) Acenaphthylene	14.27	152	1101738	51.412	ng	100
50) Dimethylphthalate	14.01	163	1039532	56.813	ng	100
51) 2,6-Dinitrotoluene	14.13	165	204884	50.220	ng	99
52) Acenaphthene	14.62	154	678617	48.856	ng	98
53) 3-Nitroaniline	14.45	138	110399	24.459	ng	100
54) 2,4-Dinitrophenol	14.66	184	210117	86.259	ng	99
55) Dibenzofuran	14.96	168	1055020	50.167	ng	100
56) 4-Nitrophenol	14.78	139	354648	107.267	ng	97
57) 2,4-Dinitrotoluene	14.91	165	281212	49.180	ng	99
58) Fluorene	15.60	166	829876	50.101	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	238965	52.628	ng	99
60) Diethylphthalate	15.38	149	895964	49.143	ng	100
61) 4-Chlorophenyl-phenylether	15.60	204	439429	48.928	ng	98
62) 4-Nitroaniline	15.62	138	204299	45.298	ng	98
63) Azobenzene	15.89	77	817191	51.141	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	163384	56.150	ng	98
66) n-Nitrosodiphenylamine	15.81	169	778327	52.687	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	288849	50.295	ng	99
68) Hexachlorobenzene	16.61	284	310461	48.252	ng	97
69) Atrazine	16.76	200	286751	56.632	ng	98
70) Pentachlorophenol	16.96	266	327717	99.908	ng	97
71) Phenanthrene	17.34	178	1274851	49.944	ng	99
72) Anthracene	17.44	178	1309690	51.897	ng	99
73) Carbazole	17.70	167	1160181	49.868	ng	99
74) Di-n-butylphthalate	18.27	149	1426305	49.611	ng	100
75) Fluoranthene	19.35	202	1450101	49.108	ng	98
77) Benzidine	19.53	184	439464	35.891	ng	98
78) Pyrene	19.71	202	1447983	51.077	ng	99
80) Butylbenzylphthalate	20.60	149	666038	51.555	ng	98
81) Benzo(a)anthracene	21.52	228	1394258	51.248	ng	100
82) 3,3'-Dichlorobenzidine	21.44	252	288257	27.300	ng	98
83) Chrysene	21.59	228	1333984	50.727	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	930134	52.308	ng	99
85) Di-n-octyl phthalate	22.62	149	1610342	52.340	ng	99
86) Indeno(1,2,3-cd)pyrene	28.15	276	1720793	50.156	ng	98
88) Benzo(b)fluoranthene	23.67	252	1490774	50.620	ng	99
89) Benzo(k)fluoranthene	23.73	252	1443146	50.278	ng	100
90) Benzo(a)pyrene	24.50	252	1379462	49.541	ng	98
91) Dibenzo(a,h)anthracene	28.21	278	1451246	52.663	ng	98
92) Benzo(g,h,i)perylene	29.25	276	1429128	51.805	ng	99

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

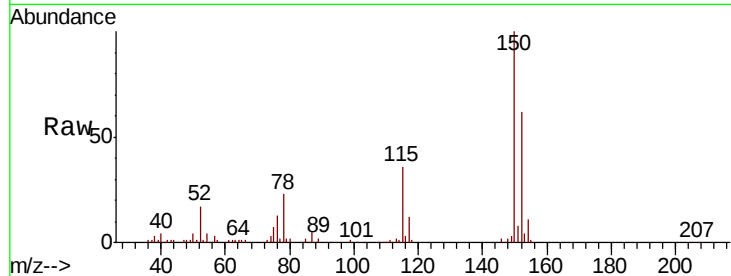


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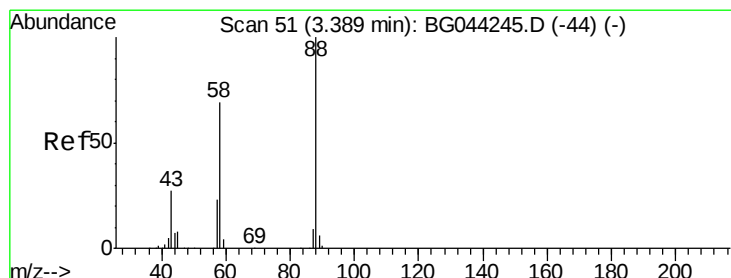
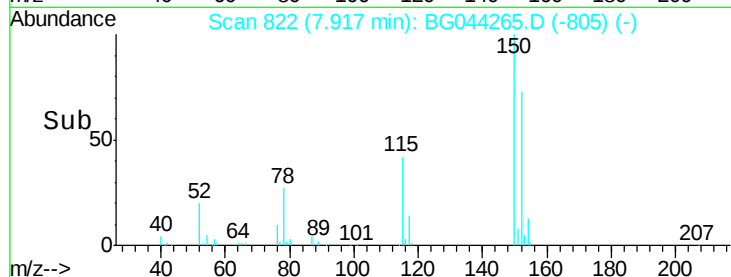
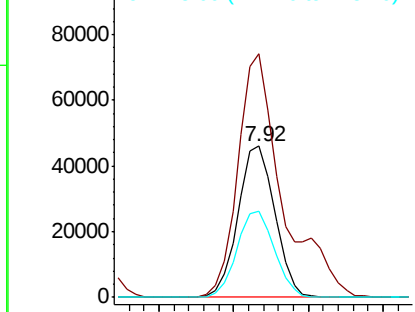
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 78934
Ion Ratio Lower Upper
152 100
150 161.1 122.6 183.8
115 57.4 46.0 69.0



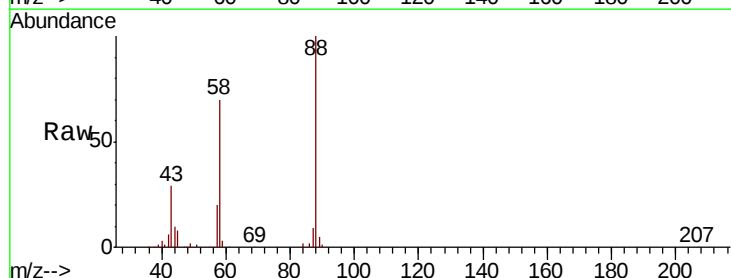
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



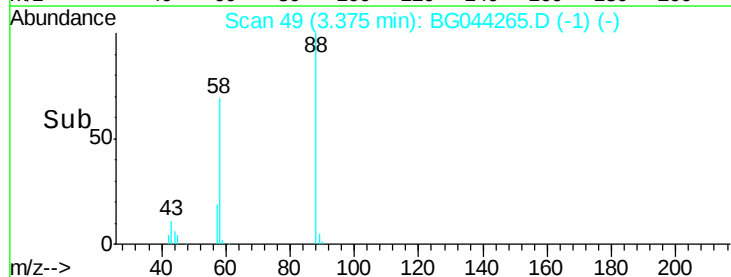
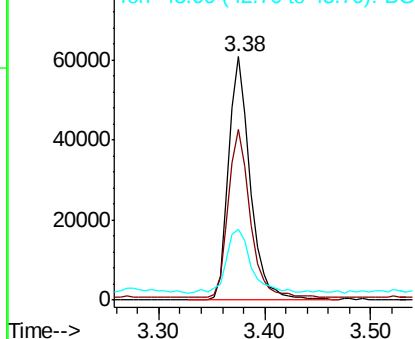
#2

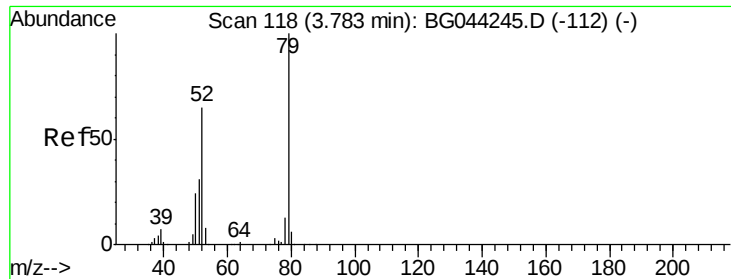
1,4-Dioxane
Concen: 42.917 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Tgt Ion: 88 Resp: 86241
Ion Ratio Lower Upper
88 100
58 69.9 55.8 83.6
43 29.3 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: 40.865 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

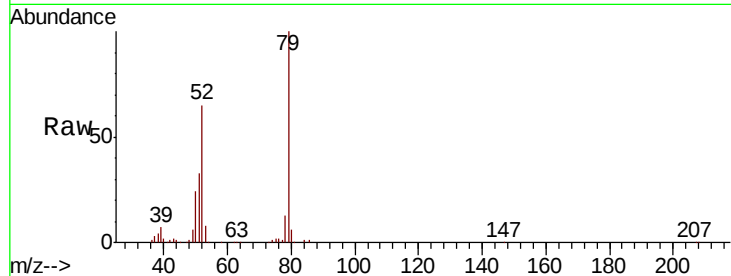
Tot Ion: 79 Resp: 218780

Ion Ratio Lower Upper

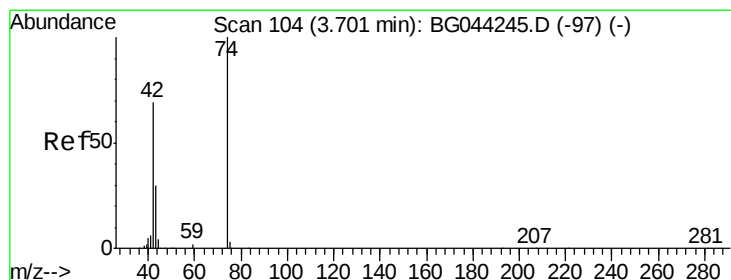
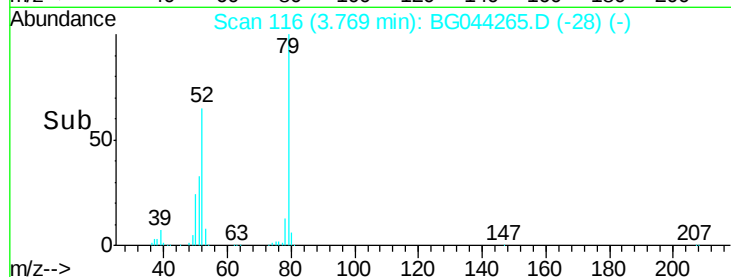
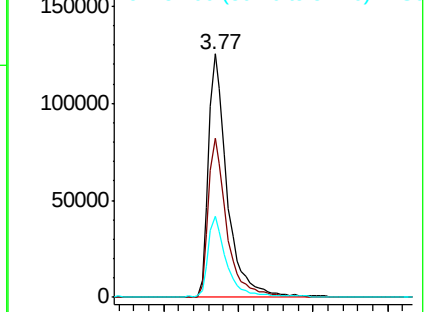
79 100

52 65.5 51.9 77.9

51 33.4 25.3 37.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 48.136 ng

RT: 3.69 min Scan# 102

Delta R.T. -0.01 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

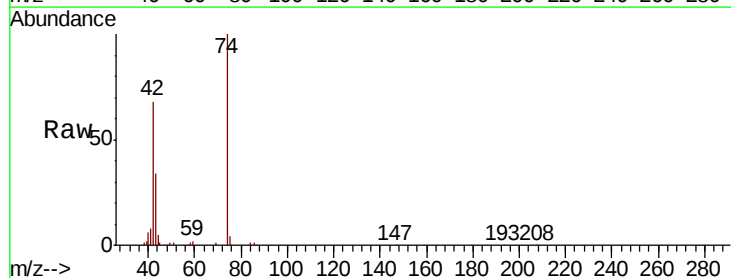
Tgt Ion: 42 Resp: 107689

Ion Ratio Lower Upper

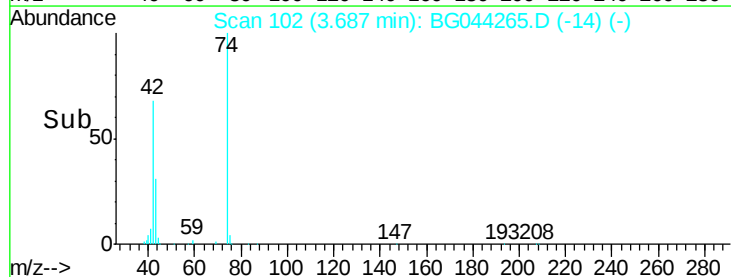
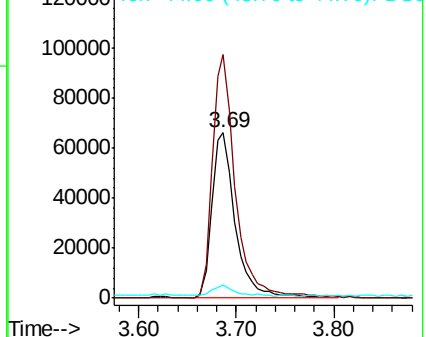
42 100

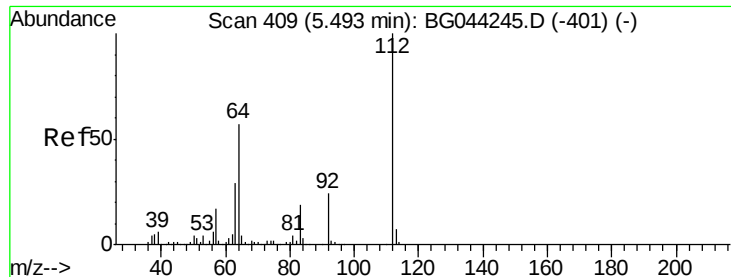
74 147.2 115.1 172.7

44 7.8 5.6 8.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 131.728 ng

RT: 5.50 min Scan# 410

Delta R.T. 0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

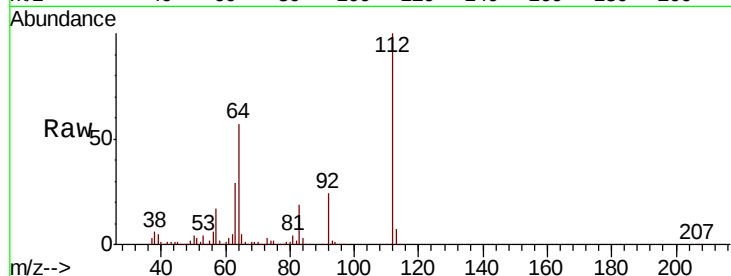
Tot Ion:112 Resp: 589164

Ion Ratio Lower Upper

112 100

64 57.0 45.4 68.2

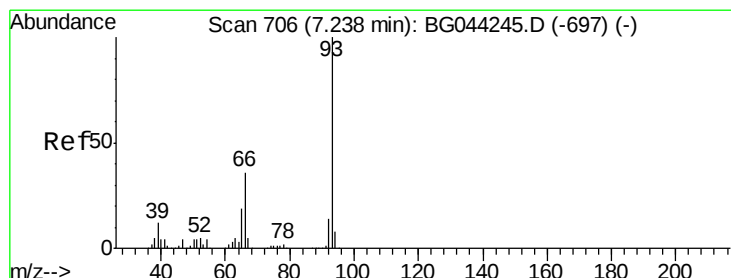
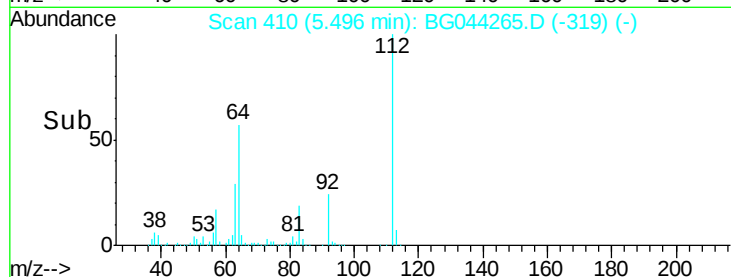
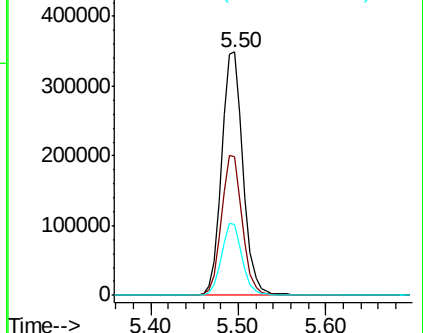
63 29.0 22.9 34.3



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: 34.403 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

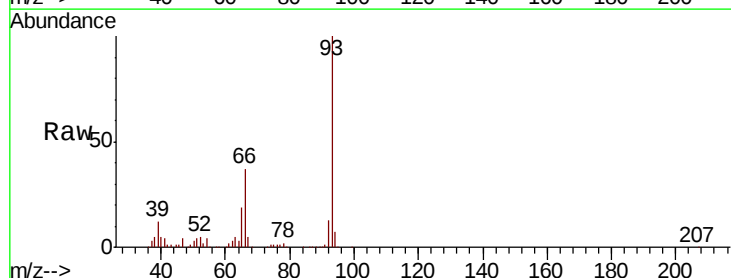
Tgt Ion: 93 Resp: 256476

Ion Ratio Lower Upper

93 100

66 37.4 28.7 43.1

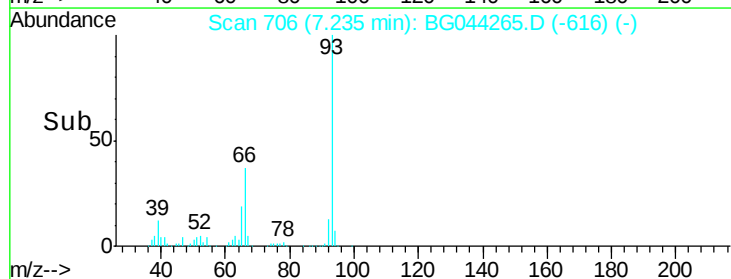
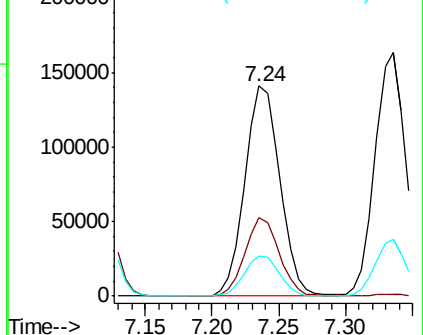
65 19.0 15.4 23.0

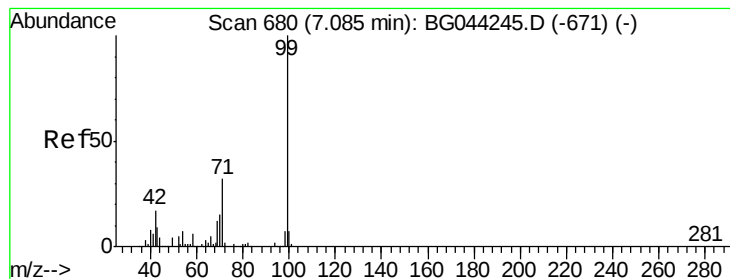


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.148 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

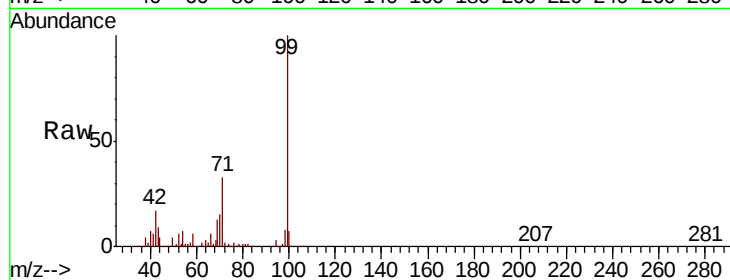
Tot Ion: 99 Resp: 823709

Ion Ratio Lower Upper

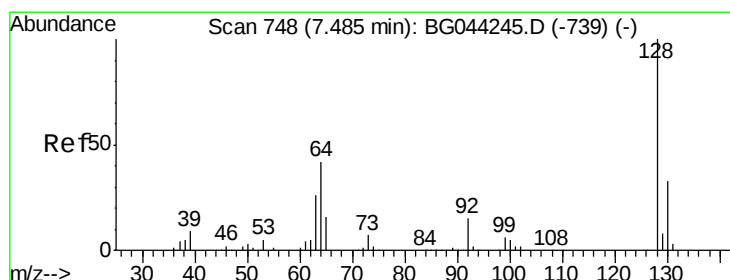
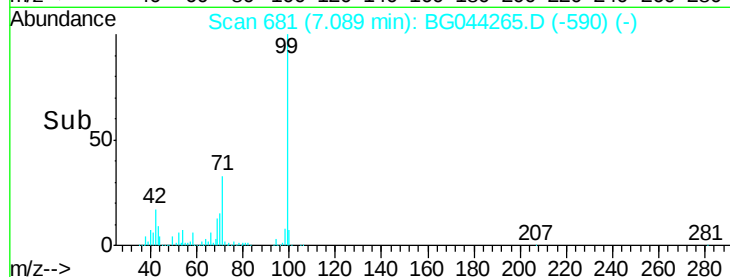
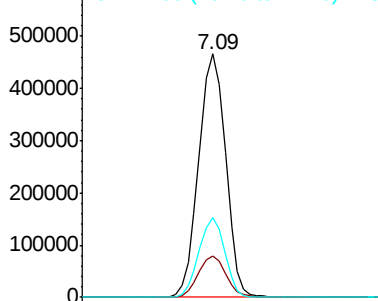
99 100

42 16.9 13.8 20.6

71 32.5 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



#8

2-Chlorophenol

Concen: 62.464 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

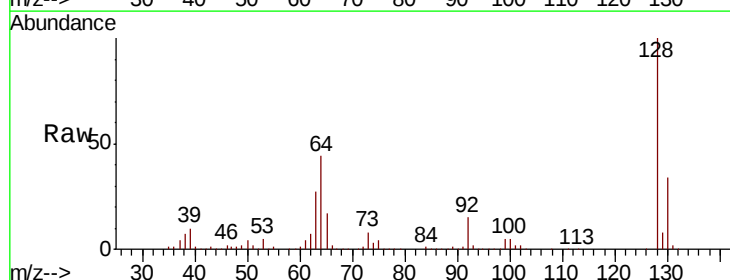
Tgt Ion: 128 Resp: 307040

Ion Ratio Lower Upper

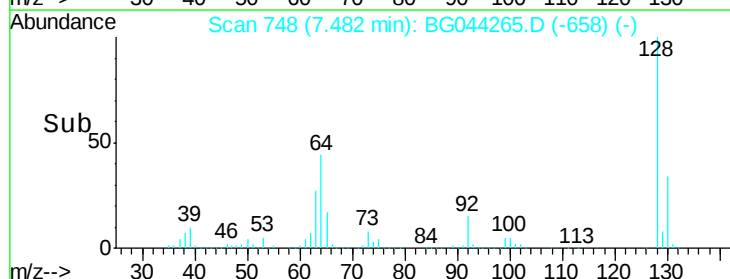
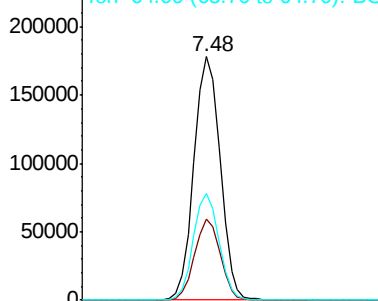
128 100

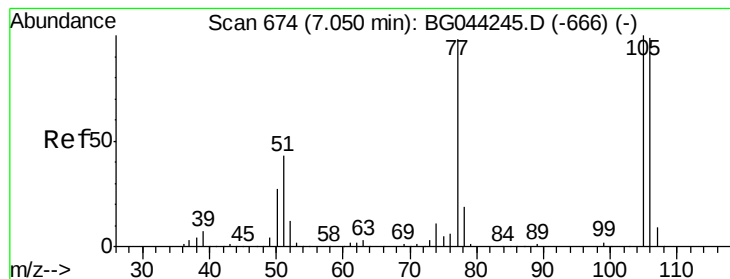
130 33.5 12.5 52.5

64 43.8 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





#9

Benzaldehyde

Concen: 38.234 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

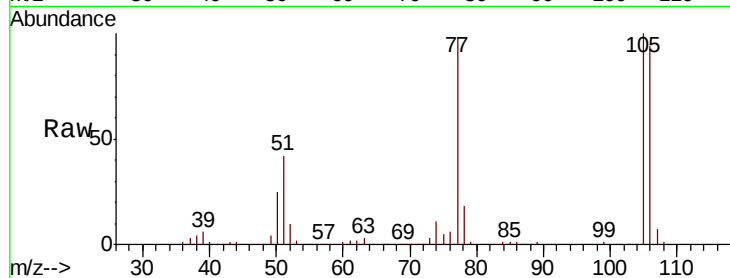
Tot Ion: 77 Resp: 130784

Ion Ratio Lower Upper

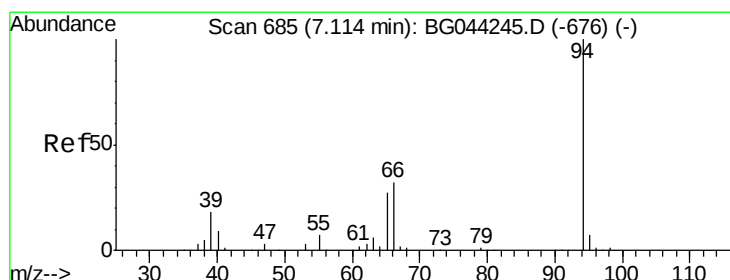
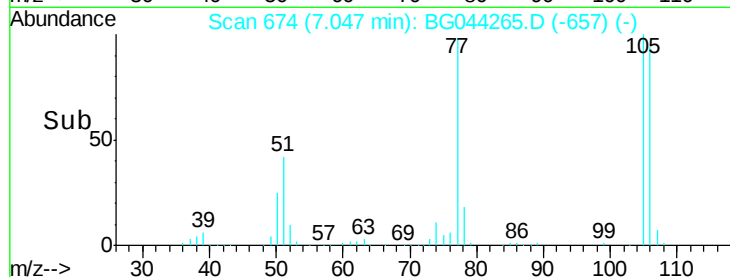
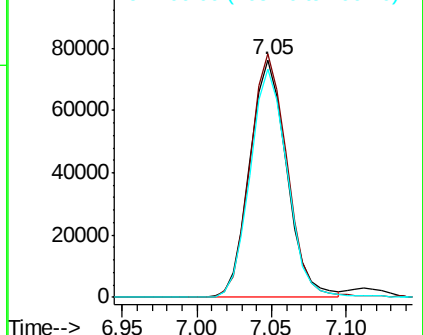
77 100

105 102.4 82.0 122.0

106 95.9 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: 68.772 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

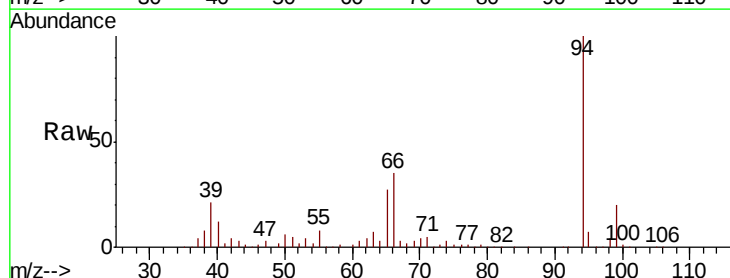
Tgt Ion: 94 Resp: 408779

Ion Ratio Lower Upper

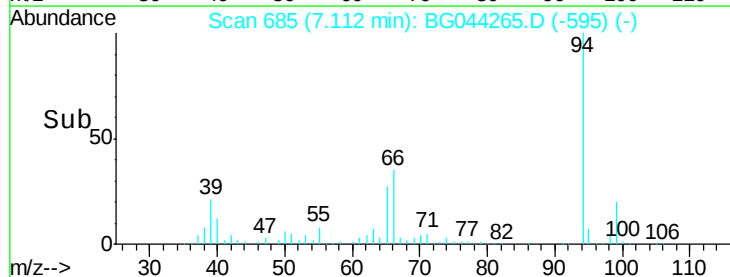
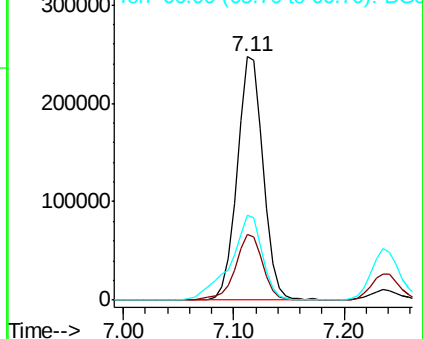
94 100

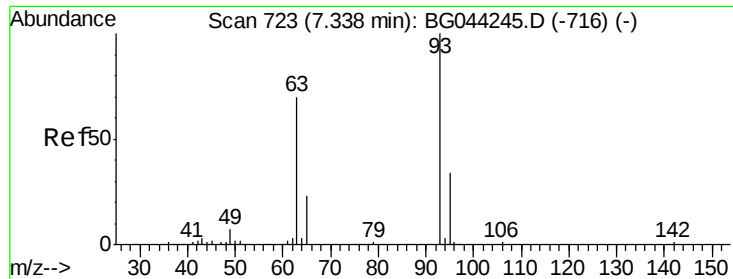
65 27.2 7.0 47.0

66 35.0 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: 50.975 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

Instrument :

BNA_G

ClientSampled :

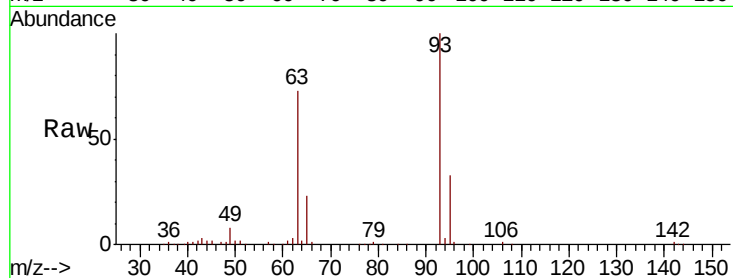
Tot Ion: 93 Resp: 259040

Ion Ratio Lower Upper

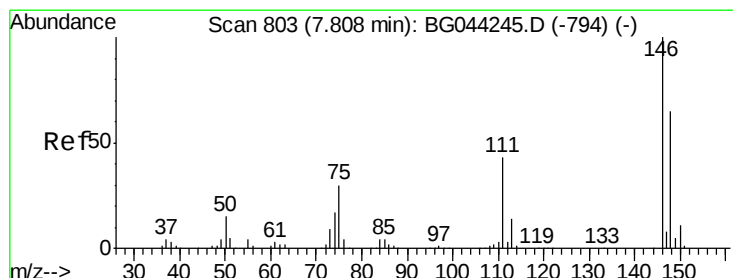
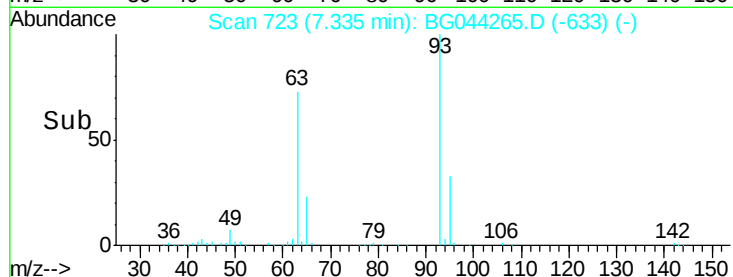
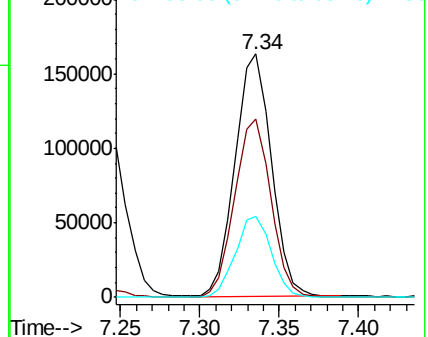
93 100

63 73.3 49.2 89.2

95 33.3 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 48.373 ng

RT: 7.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

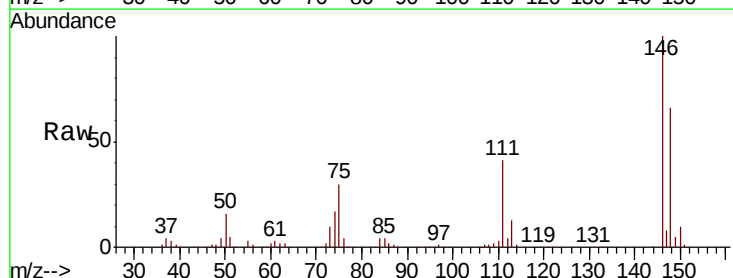
Tgt Ion: 146 Resp: 283899

Ion Ratio Lower Upper

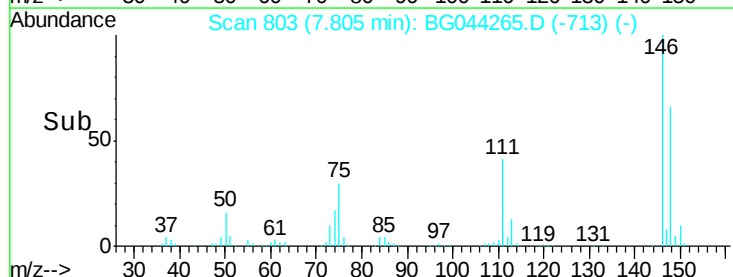
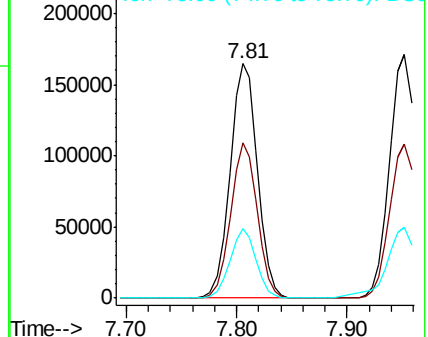
146 100

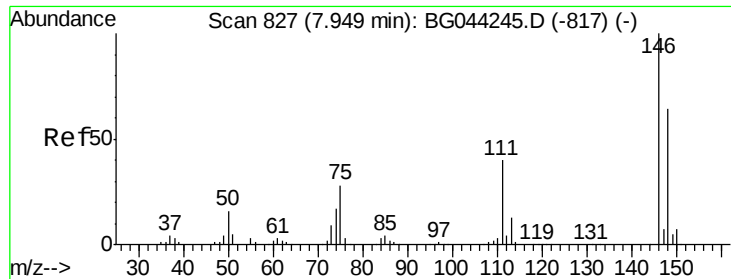
148 66.1 51.8 77.8

75 29.9 23.7 35.5



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

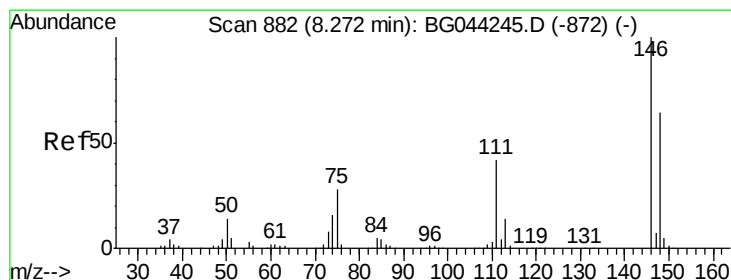
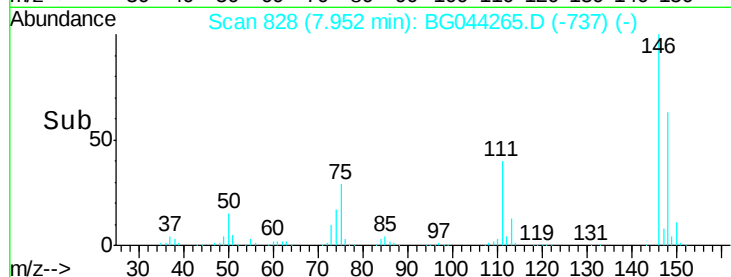
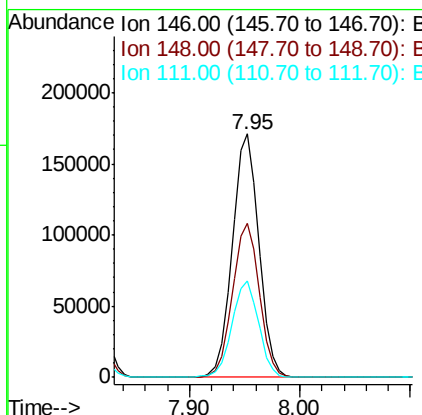
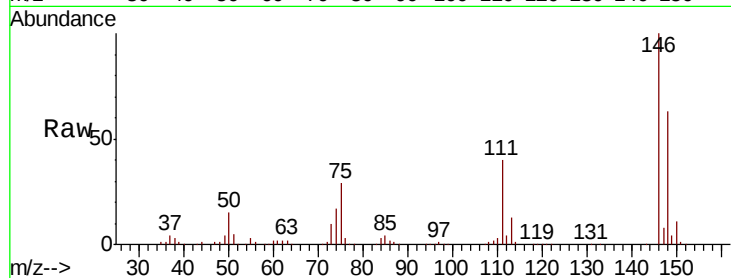




#13
 1,4-Dichlorobenzene
 Concen: 49.453 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG044265.D
 Acq: 31 Jan 2020 18:25

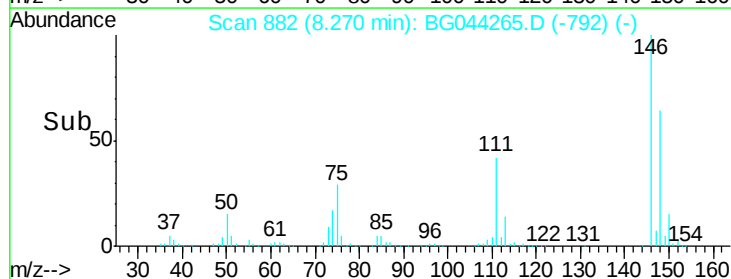
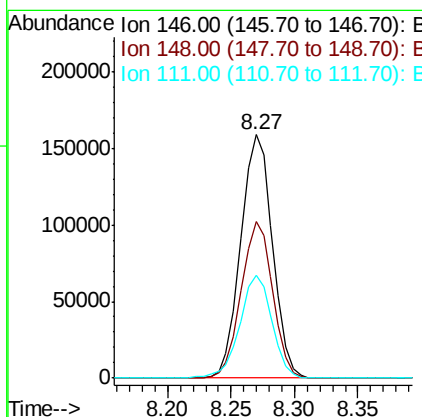
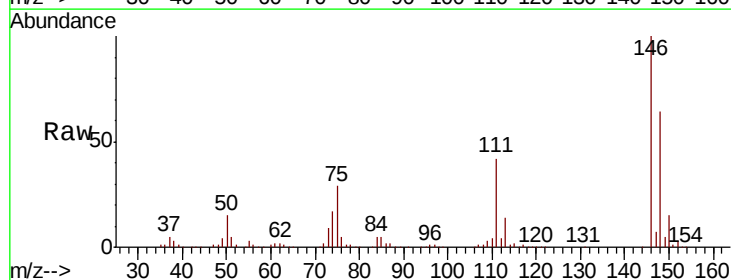
Instrument :
 BNA_G
 ClientSampleId :

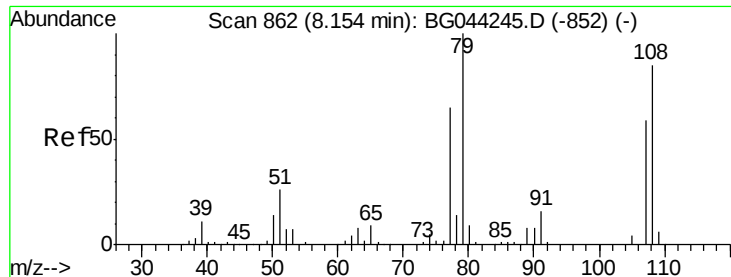
Tot Ion:146 Resp: 287456
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.4 77.0
 111 39.7 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 50.261 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG044265.D
 Acq: 31 Jan 2020 18:25

Tgt Ion:146 Resp: 276146
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.2 76.8
 111 42.4 34.0 51.0





#15

Benzyl Alcohol

Concen: 59.363 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

Instrument :

BNA_G

ClientSampled :

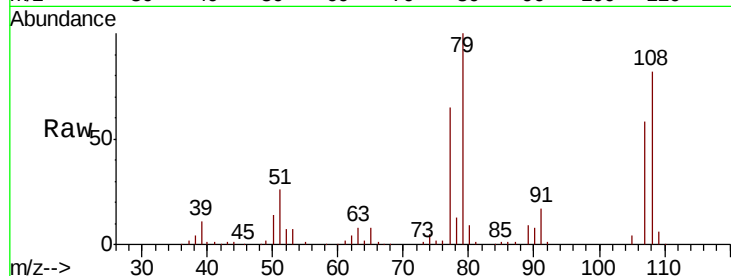
Tot Ion: 79 Resp: 252416

Ion Ratio Lower Upper

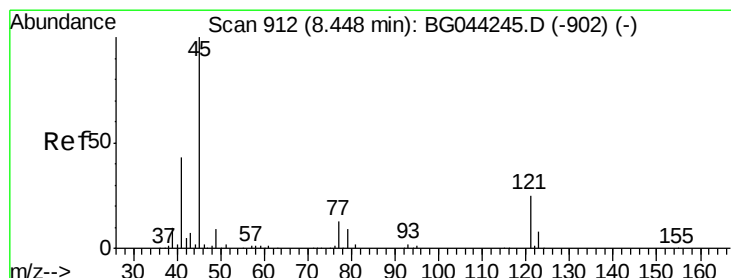
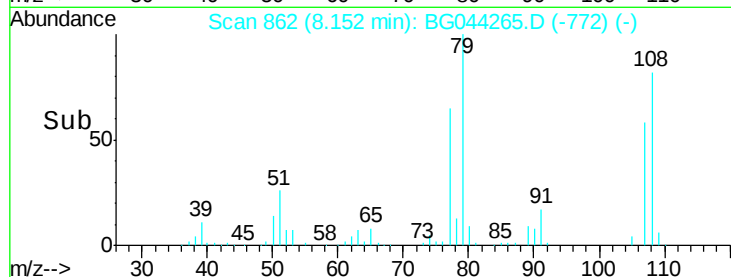
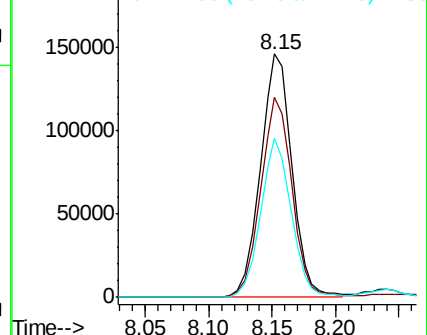
79 100

108 82.4 68.3 102.5

77 65.4 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: 51.152 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

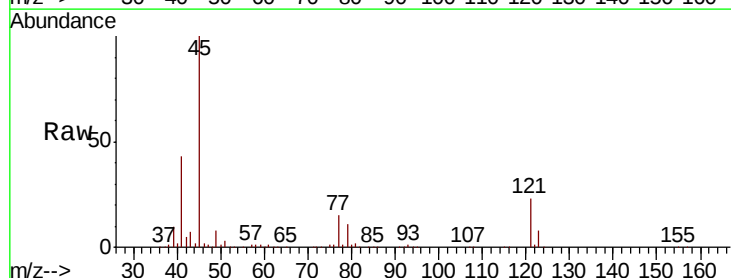
Tgt Ion: 45 Resp: 351820

Ion Ratio Lower Upper

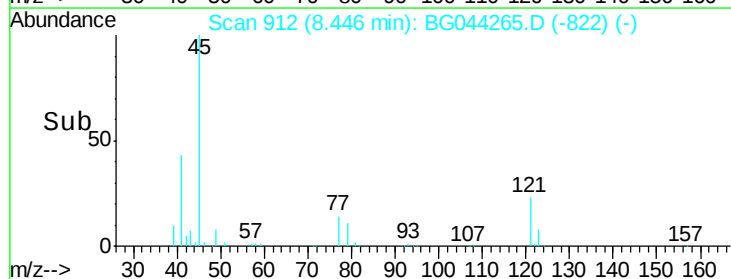
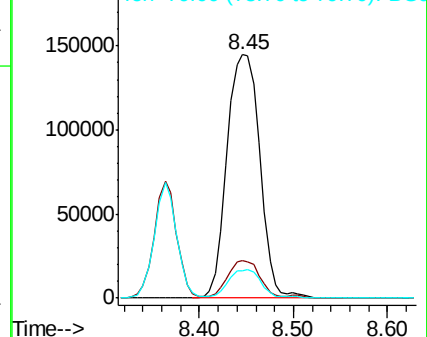
45 100

77 15.5 0.0 35.2

79 11.4 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

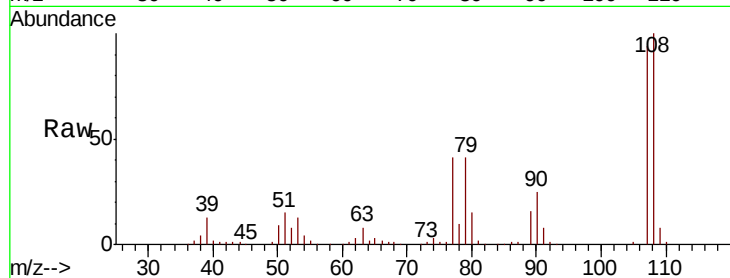




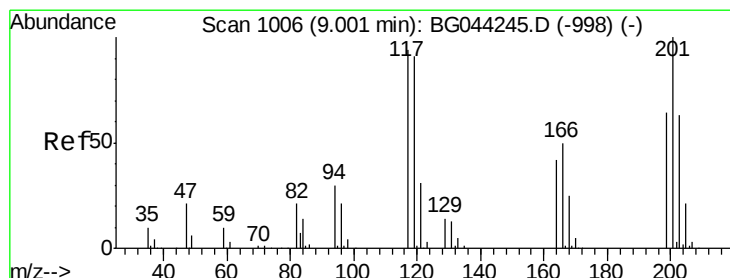
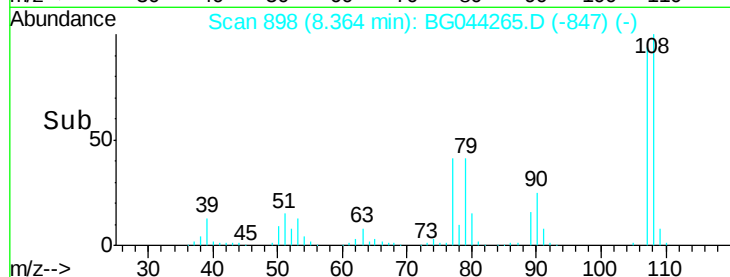
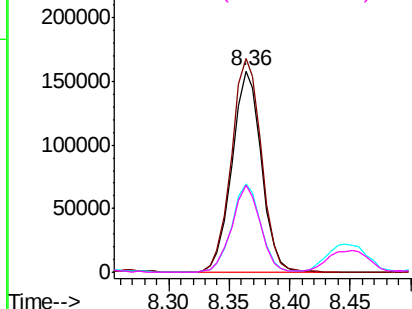
#17
2-Methylphenol
Concen: 63.423 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	268970
Ion	Ratio	Lower	Upper
107	100		
108	106.0	86.4	129.6
77	43.9	34.0	51.0
79	43.2	32.9	49.3

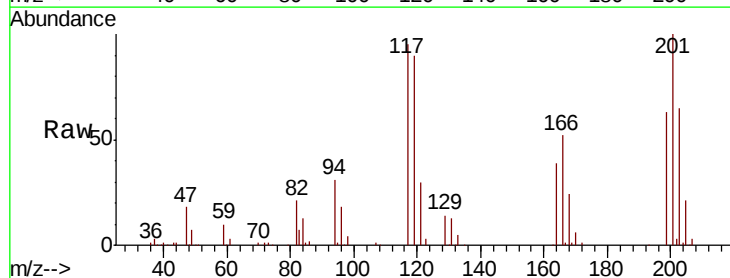


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

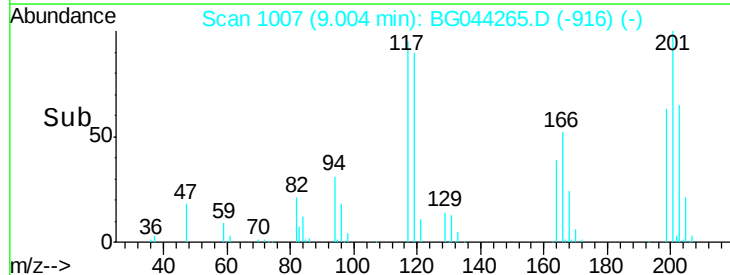
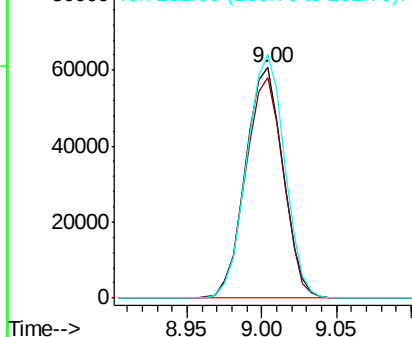


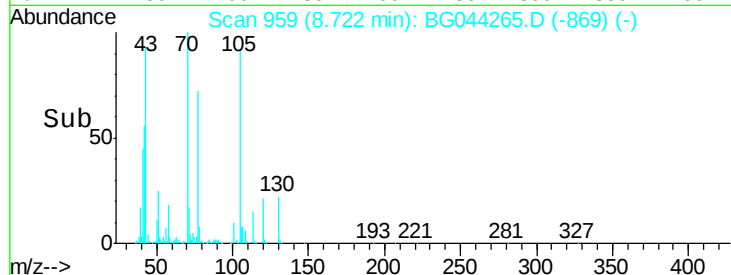
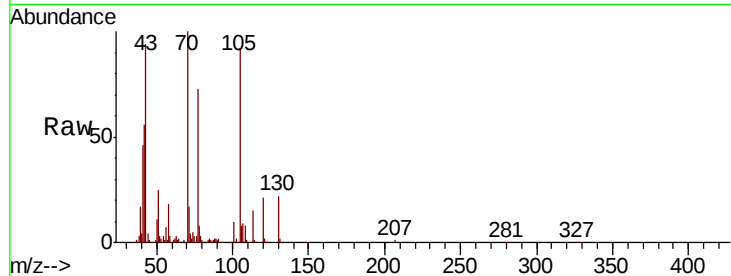
#18
Hexachloroethane
Concen: 48.374 ng
RT: 9.00 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Tgt Ion:	117	Resp:	105516
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.5	116.3
201	105.8	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

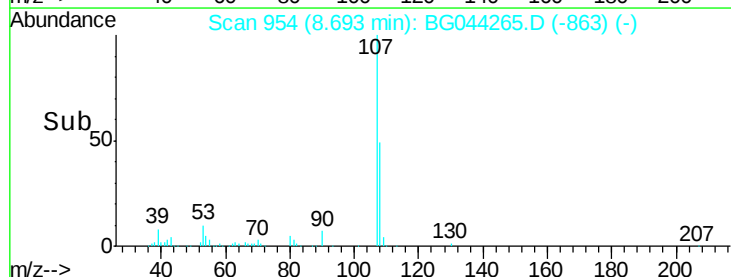
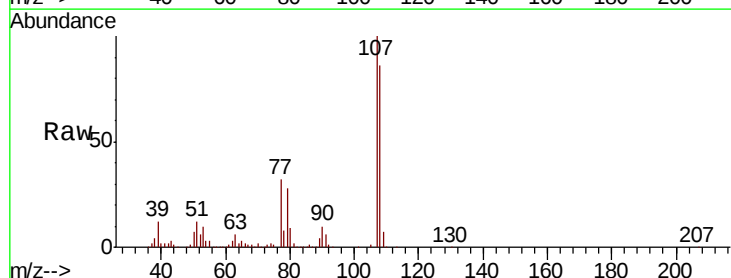
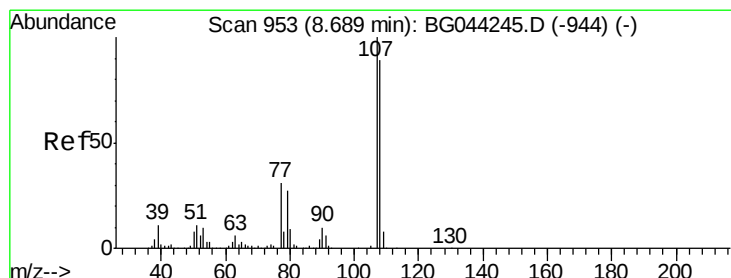
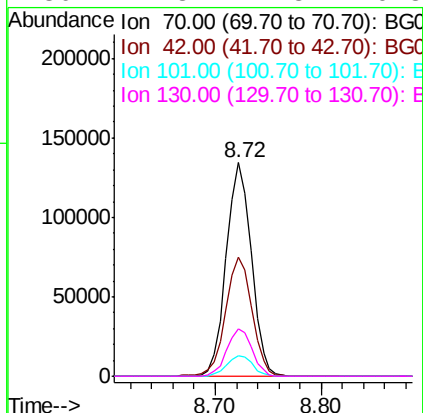




#19
n-Nitroso-di-n-propylamine
Concen: 55.211 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

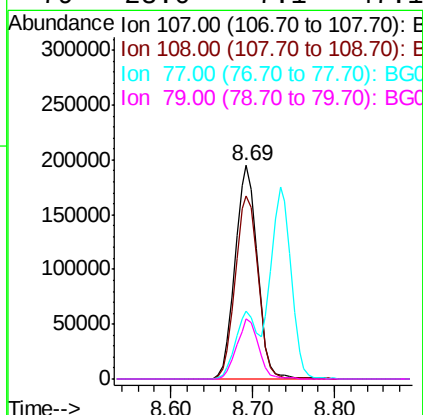
Instrument :
BNA_G
ClientSampleId :

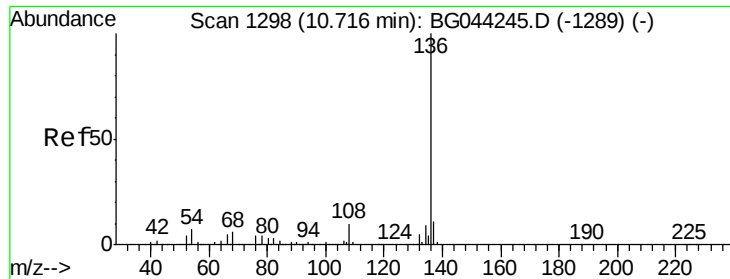
Tot Ion:	70	Resp:	220995
Ion	Ratio	Lower	Upper
70	100		
42	56.0	46.2	69.2
101	9.9	8.4	12.6
130	22.3	17.8	26.8



#20
3+4-Methylphenols
Concen: 63.344 ng
RT: 8.69 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Tgt Ion:	107	Resp:	370218
Ion	Ratio	Lower	Upper
107	100		
108	85.9	68.5	108.5
77	31.8	10.9	50.9
79	28.0	7.1	47.1

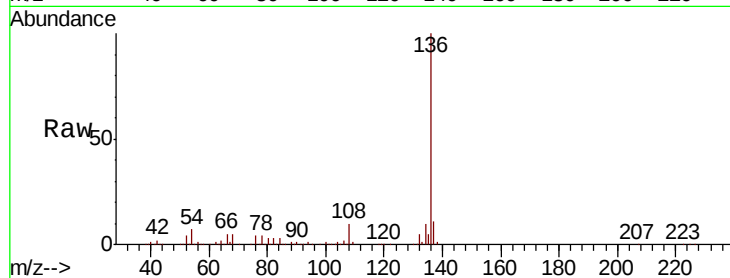




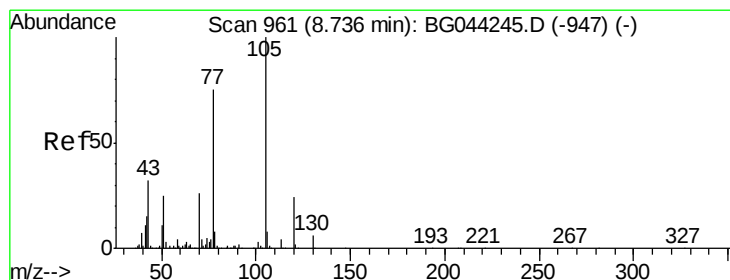
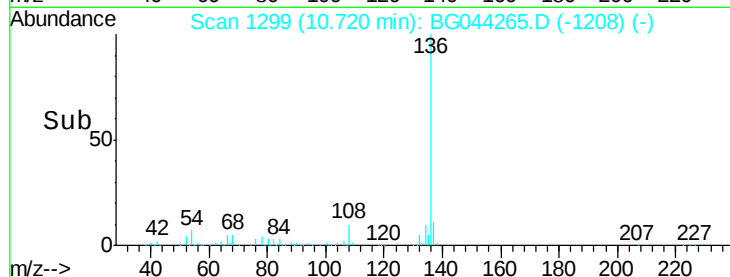
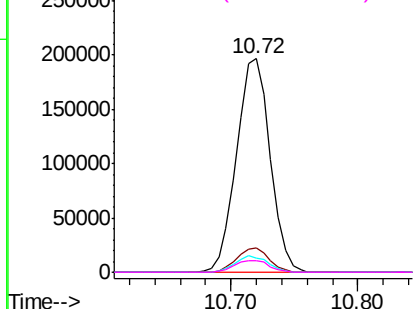
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	359933	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.8	13.2	
54 6.8	5.8	8.8	
68 5.5	4.6	6.8	

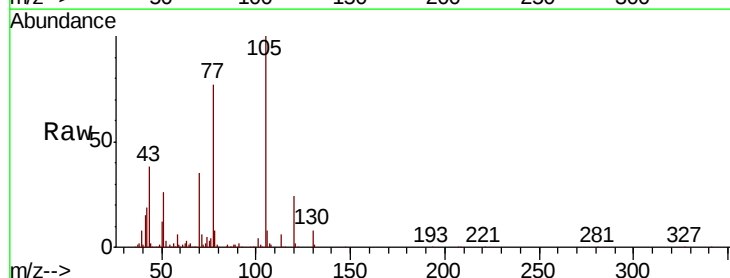


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

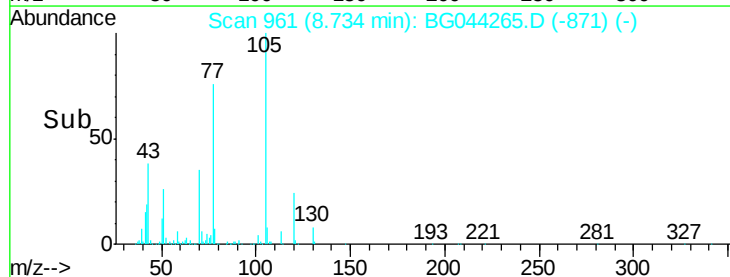
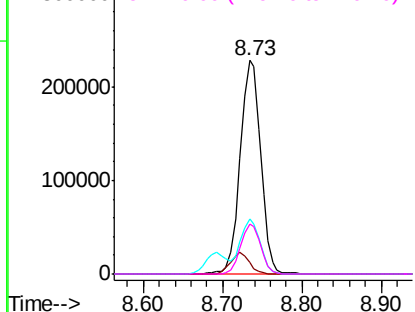


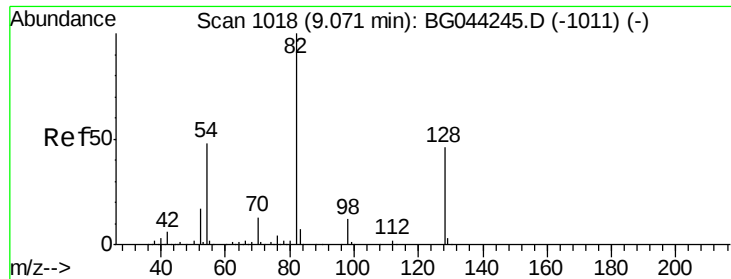
#22
Acetophenone
Concen: 46.787 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Tgt	Ion:105	Resp:	409673
Ion	Ratio	Lower	Upper
105	100		
71	5.7	3.4	5.0#
51	26.0	20.2	30.4
120	23.6	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

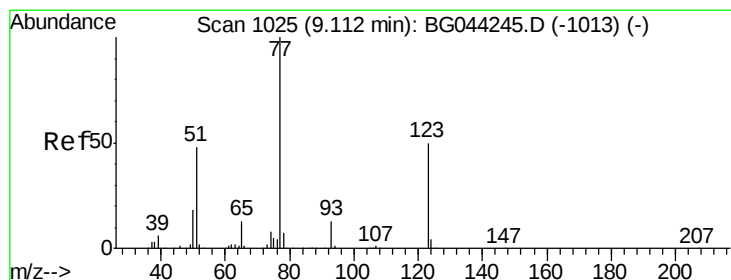
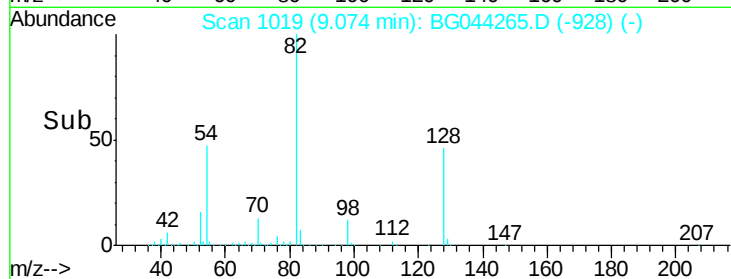
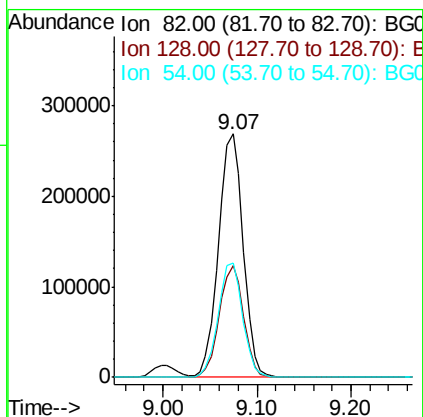
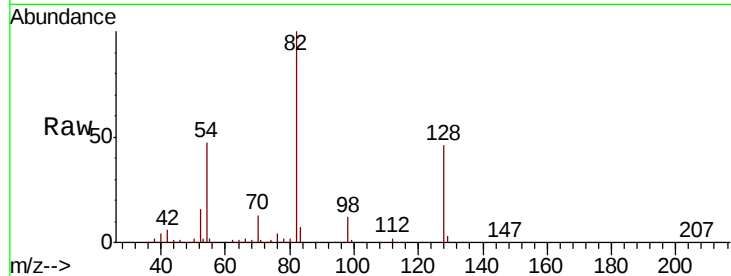




#23
Nitrobenzene-d5
Concen: 77.037 ng
RT: 9.07 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

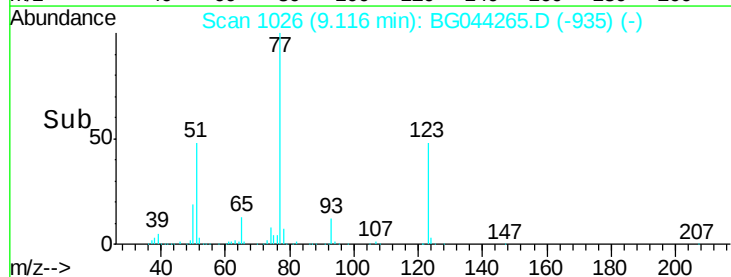
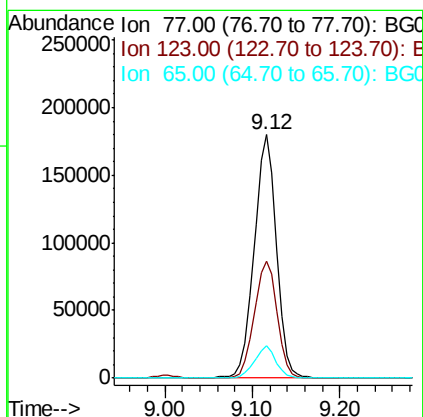
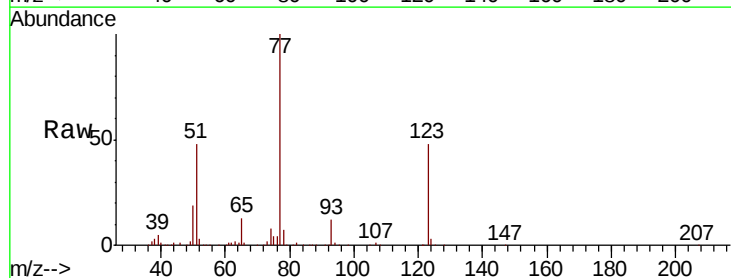
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.5	54.7
54	46.8	38.6	58.0



#24
Nitrobenzene
Concen: 49.927 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	39.9	59.9
65	13.1	10.4	15.6





#25

Isophorone

Concen: 51.604 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

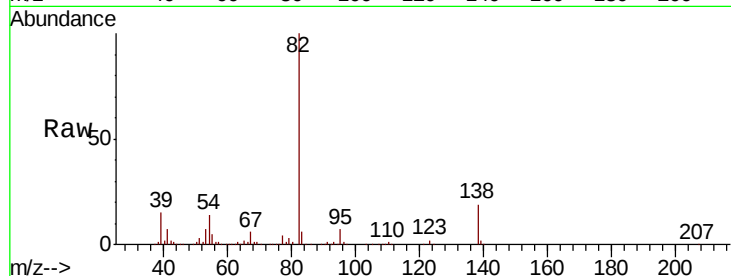
Tot Ion: 82 Resp: 613205

Ion Ratio Lower Upper

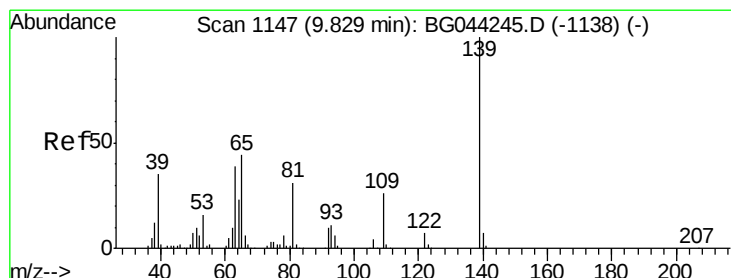
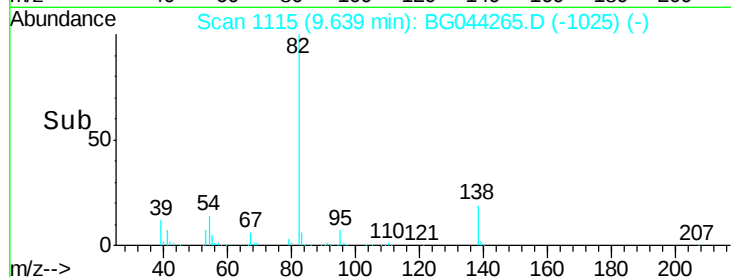
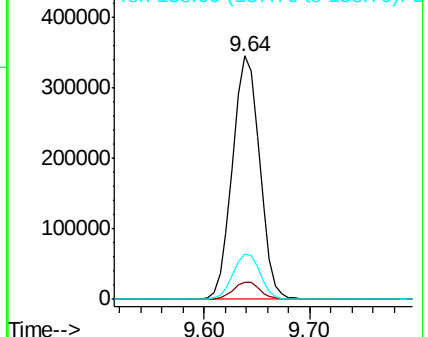
82 100

95 7.0 5.7 8.5

138 18.7 15.0 22.4



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



#26

2-Nitrophenol

Concen: 54.134 ng

RT: 9.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

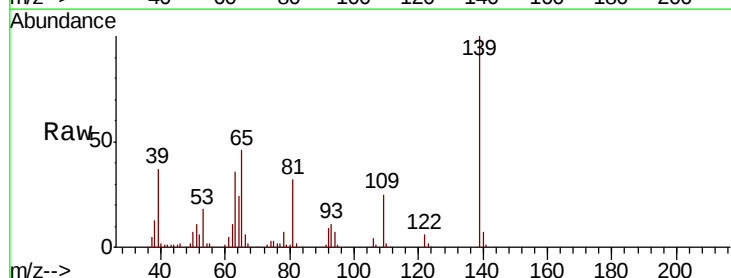
Tgt Ion: 139 Resp: 174829

Ion Ratio Lower Upper

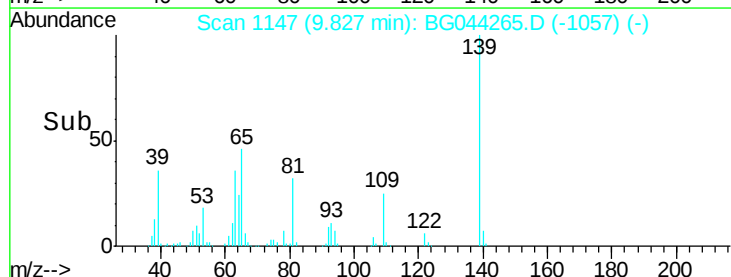
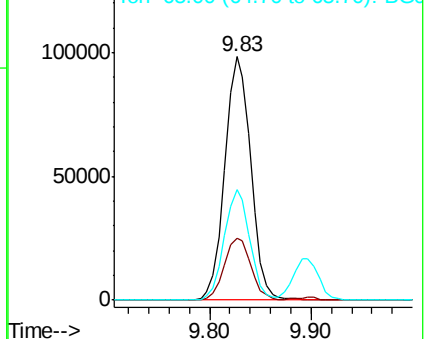
139 100

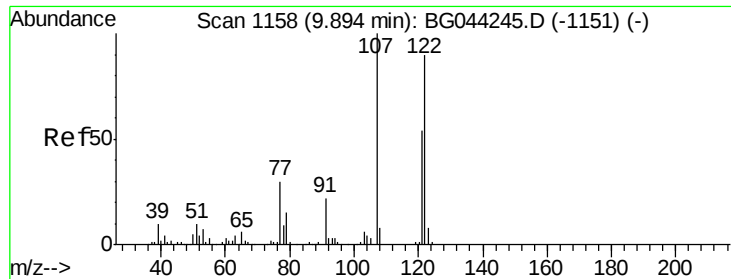
109 25.5 21.0 31.4

65 45.5 35.0 52.4



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

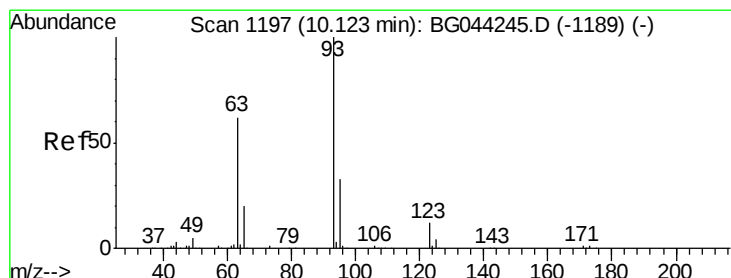
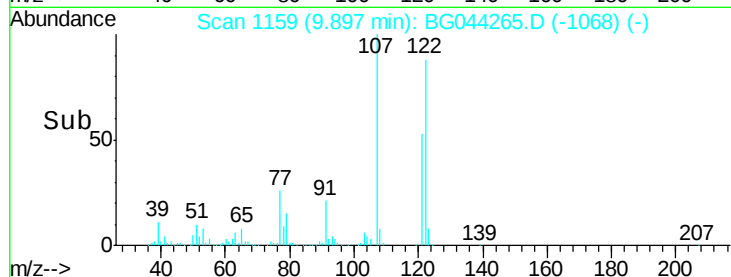
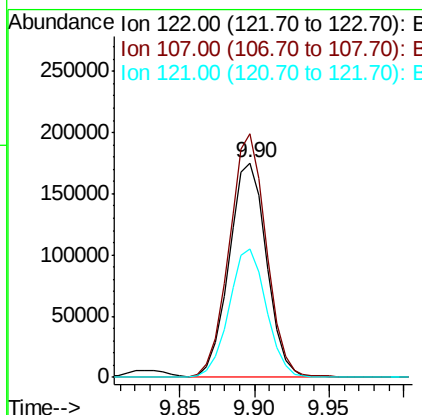
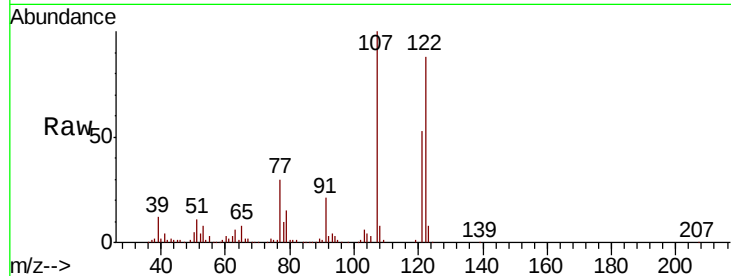




#27
 2,4-Dimethylphenol
 Concen: 66.863 ng
 RT: 9.90 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BG044265.D
 Acq: 31 Jan 2020 18:25

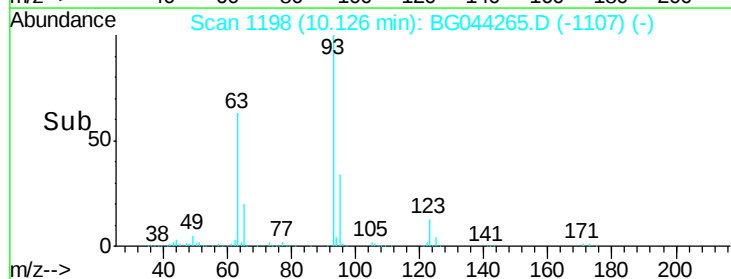
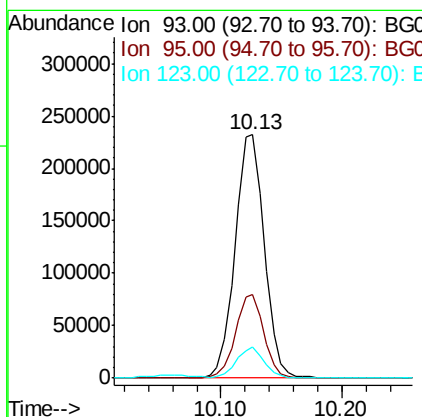
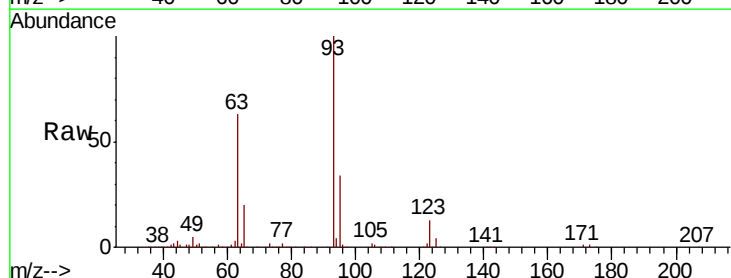
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.5	88.8	133.2
121	59.9	48.3	72.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.371 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BG044265.D
 Acq: 31 Jan 2020 18:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.3	26.6	40.0
123	13.0	10.0	15.0

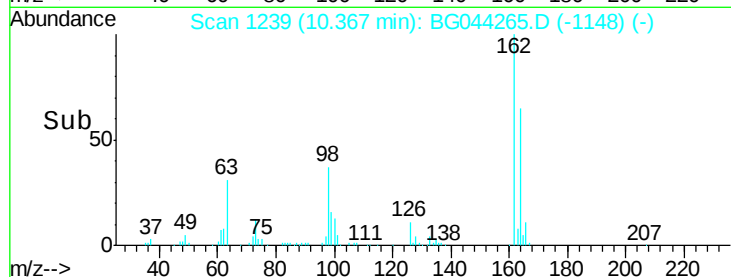
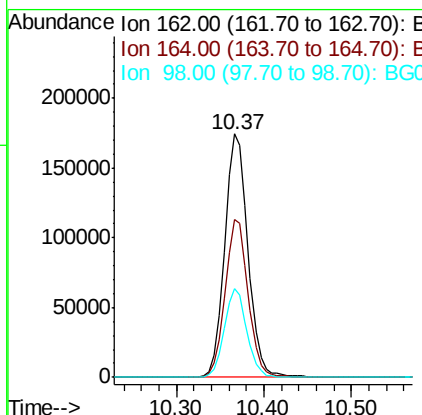
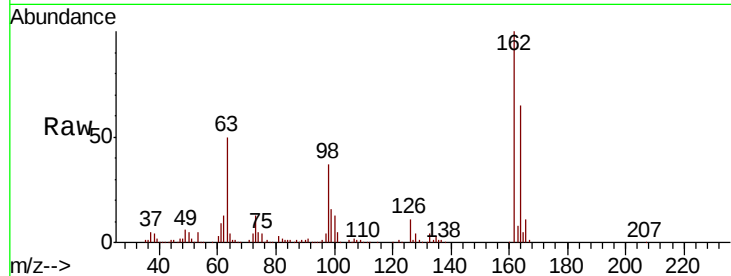




#29
2,4-Dichlorophenol
Concen: 57.706 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

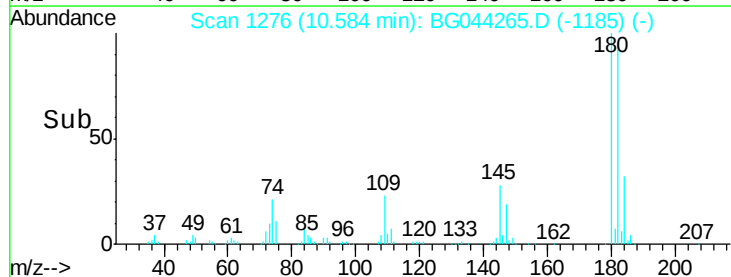
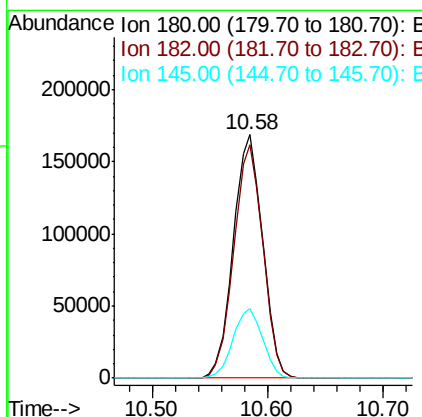
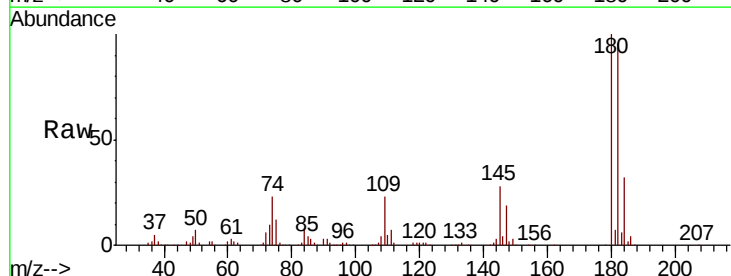
Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 318103
Ion Ratio Lower Upper
162 100
164 65.0 44.7 84.7
98 36.7 15.8 55.8



#30
1,2,4-Trichlorobenzene
Concen: 46.930 ng
RT: 10.58 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Tgt Ion:180 Resp: 296638
Ion Ratio Lower Upper
180 100
182 95.6 75.5 113.3
145 28.4 22.6 34.0

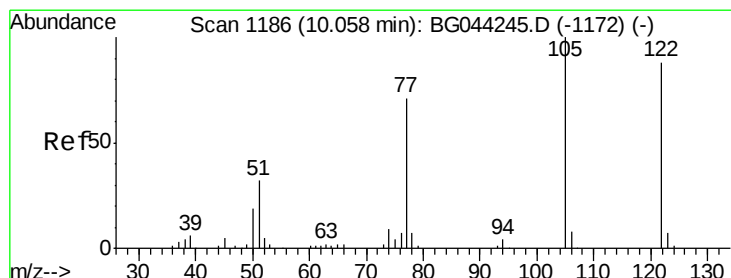
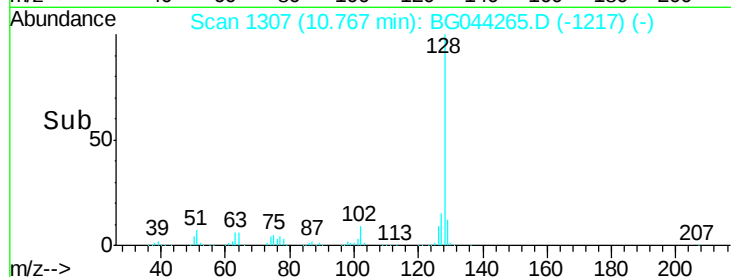
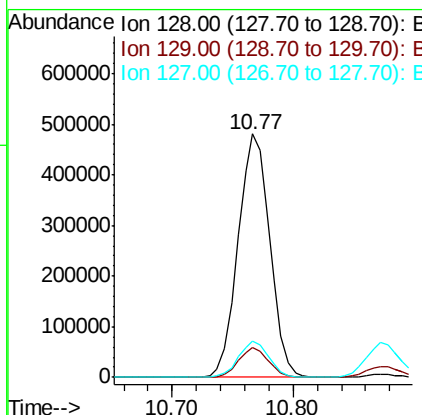
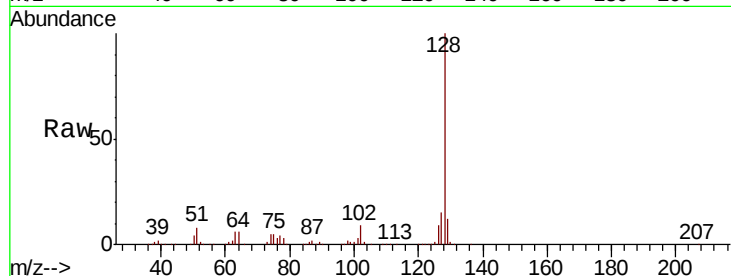




#31
Naphthalene
Concen: 50.356 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

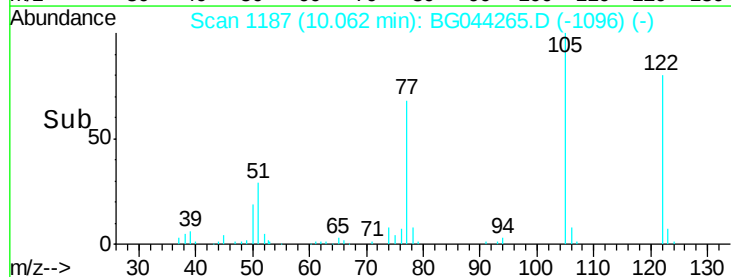
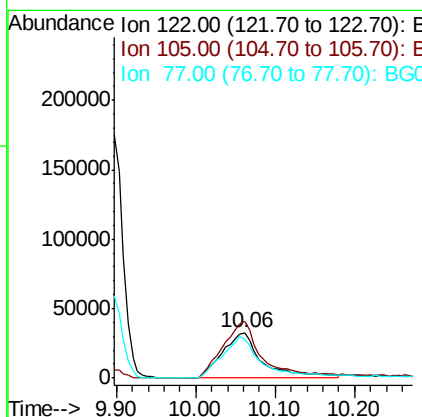
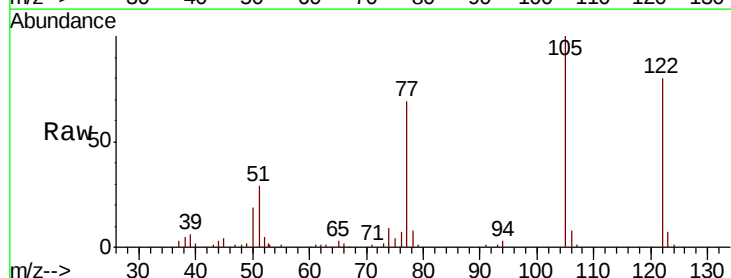
Instrument :
BNA_G
ClientSampleId :

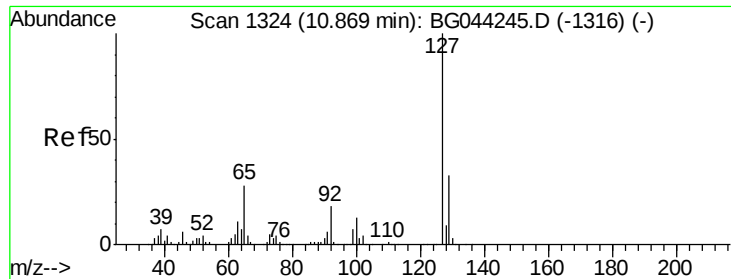
Tot Ion:128 Resp: 879365
Ion Ratio Lower Upper
128 100
129 12.1 9.3 13.9
127 14.7 11.6 17.4



#32
Benzoic acid
Concen: 40.728 ng
RT: 10.06 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Tgt Ion:122 Resp: 113155
Ion Ratio Lower Upper
122 100
105 125.5 93.5 133.5
77 86.0 61.0 101.0

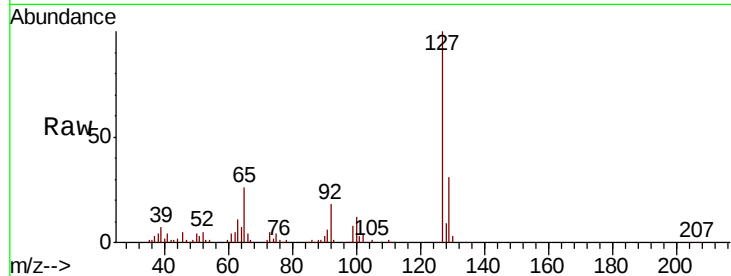




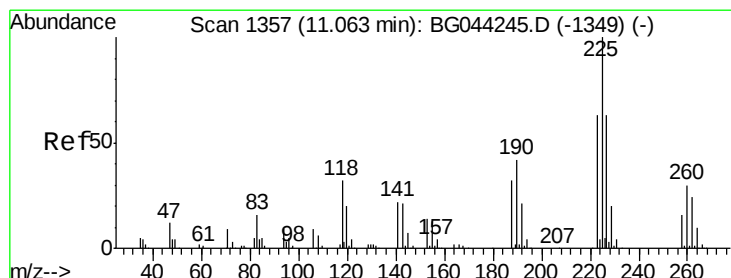
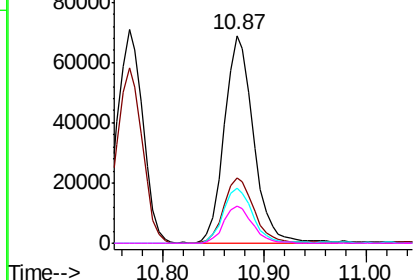
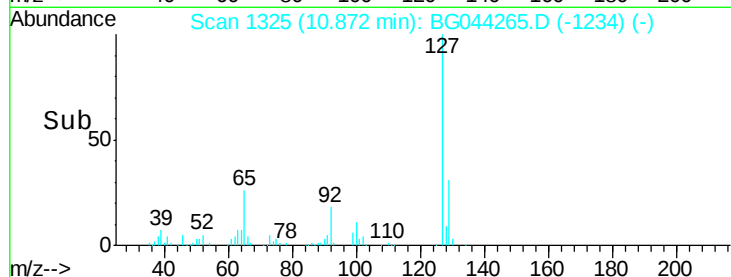
#33
4-Chloroaniline
Concen: 17.274 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	137191
Ion Ratio	Lower	Upper
127	100	
129	31.4	26.6 40.0
65	26.3	22.5 33.7
92	18.1	14.1 21.1

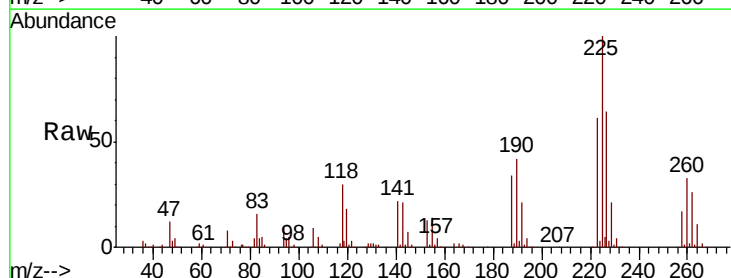


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

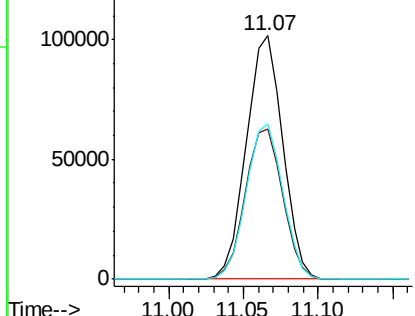
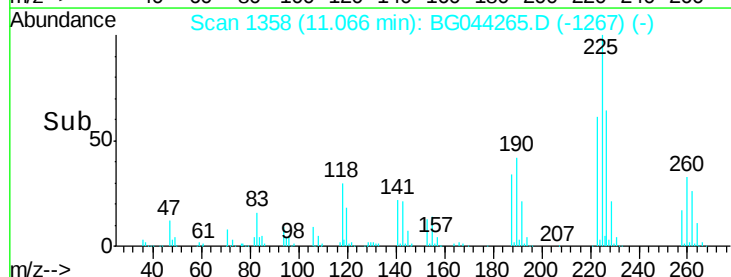


#34
Hexachlorobutadiene
Concen: 44.119 ng
RT: 11.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Tgt Ion:225	Resp:	171593
Ion Ratio	Lower	Upper
225	100	
223	61.5	50.2 75.4
227	63.9	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: 34.057 ng

RT: 11.64 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

Instrument :

BNA_G

ClientSampled :

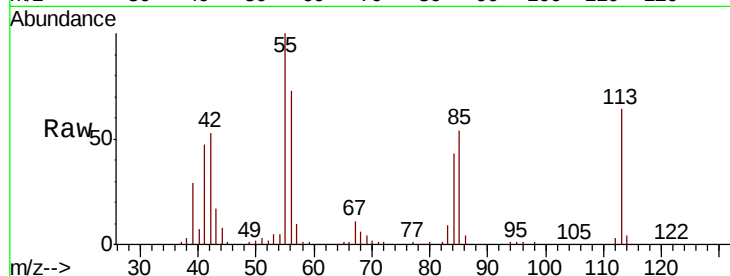
Tot Ion:113 Resp: 68771

Ion Ratio Lower Upper

113 100

55 157.2 129.9 169.9

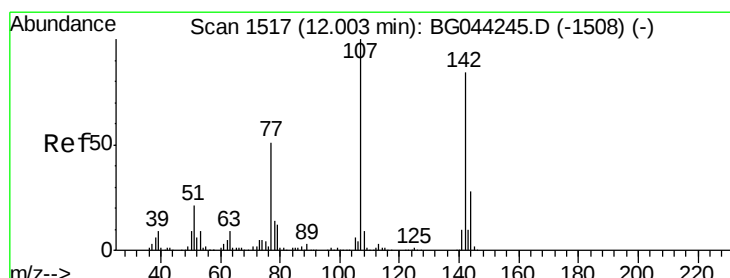
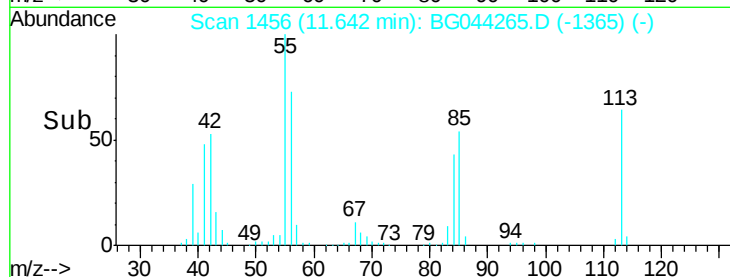
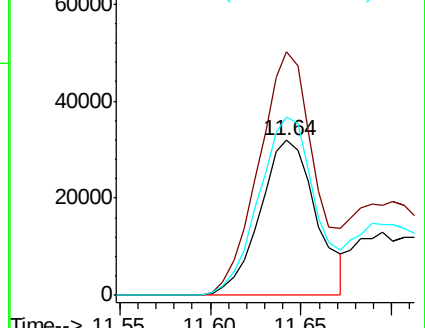
56 115.0 92.5 132.5



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: 59.763 ng

RT: 12.01 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

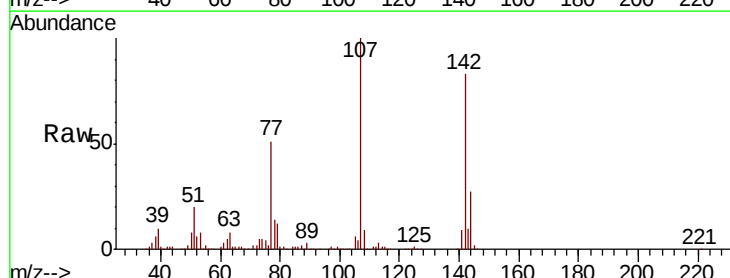
Tgt Ion:107 Resp: 345402

Ion Ratio Lower Upper

107 100

144 27.3 22.2 33.4

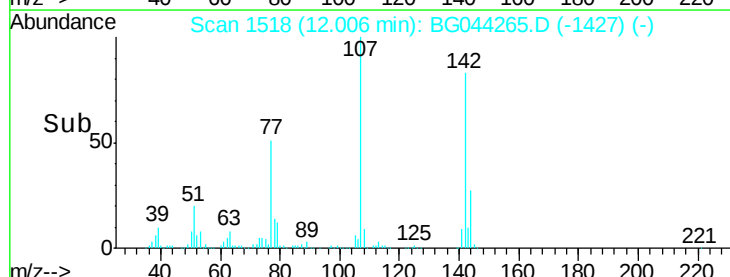
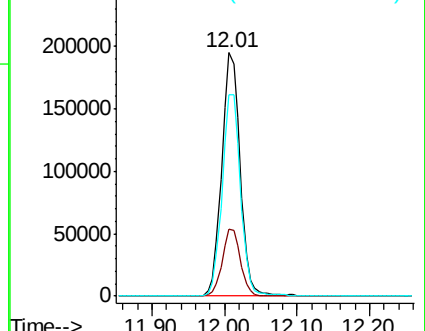
142 83.0 67.4 101.0

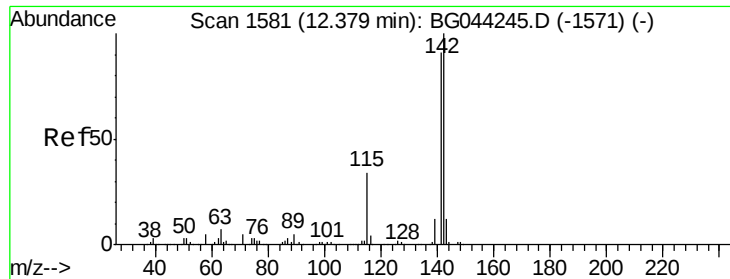


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

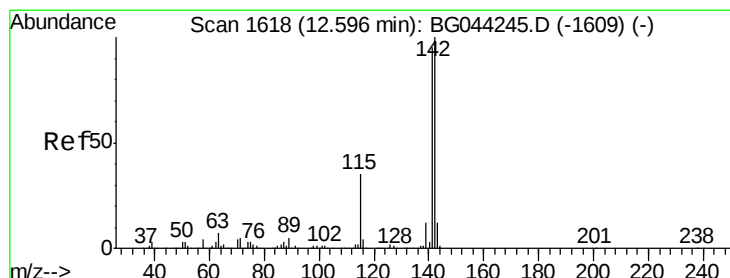
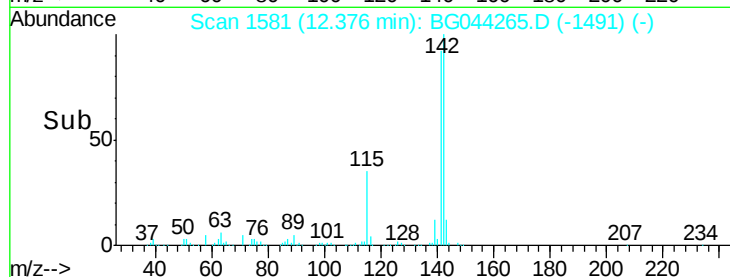
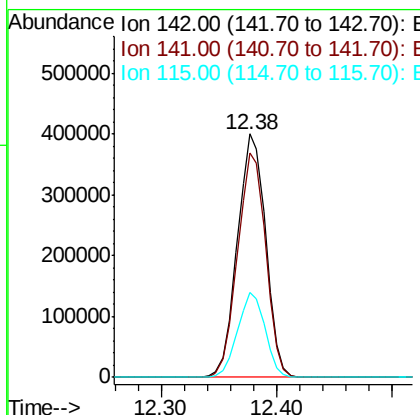
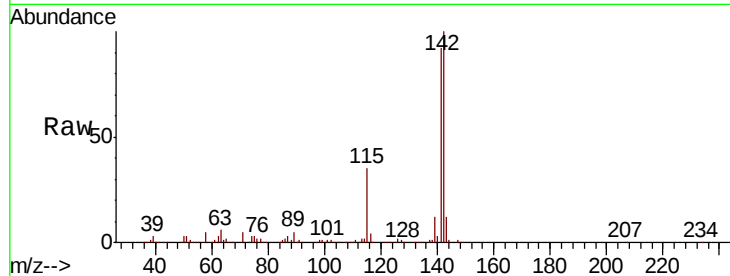




#37
 2-Methylnaphthalene
 Concen: 52.315 ng
 RT: 12.38 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BG044265.D
 Acq: 31 Jan 2020 18:25

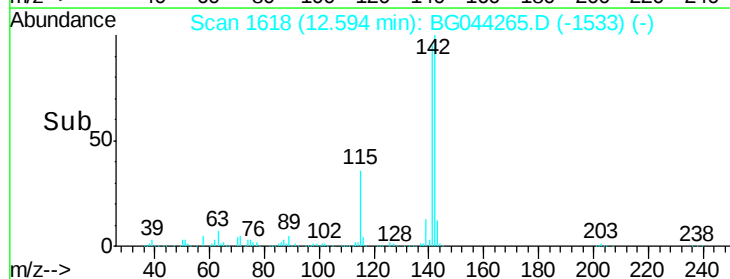
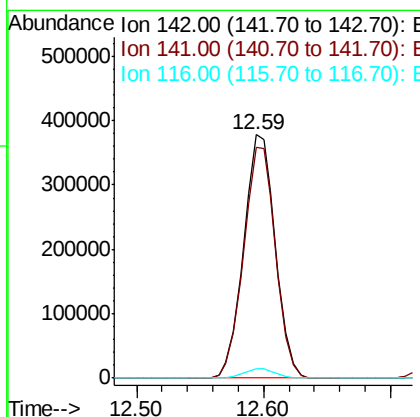
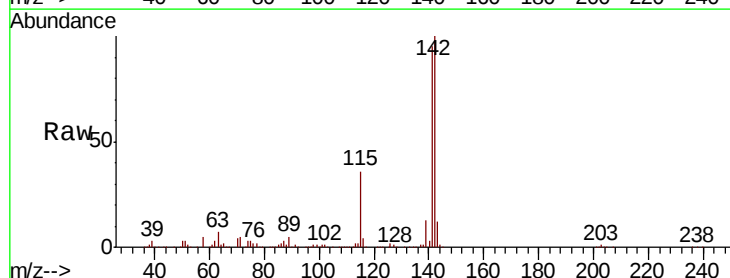
Instrument :
 BNA_G
 ClientSampleId :

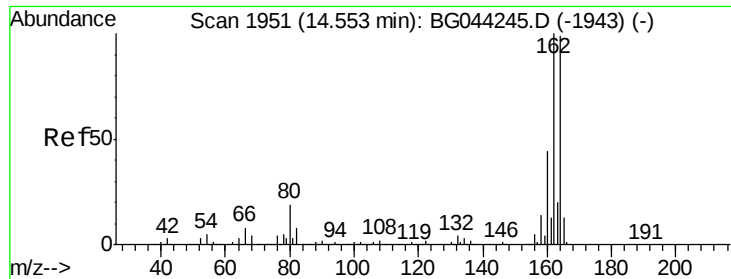
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.2	109.8
115	34.6	27.1	40.7



#38
 1-Methylnaphthalene
 Concen: 53.409 ng
 RT: 12.59 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BG044265.D
 Acq: 31 Jan 2020 18:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	75.8	113.6
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

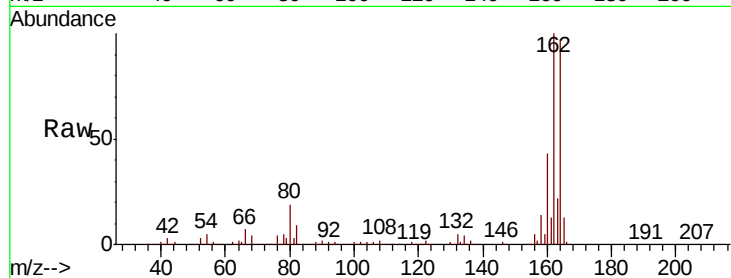
Tot Ion:164 Resp: 254544

Ion Ratio Lower Upper

164 100

162 103.0 80.7 121.1

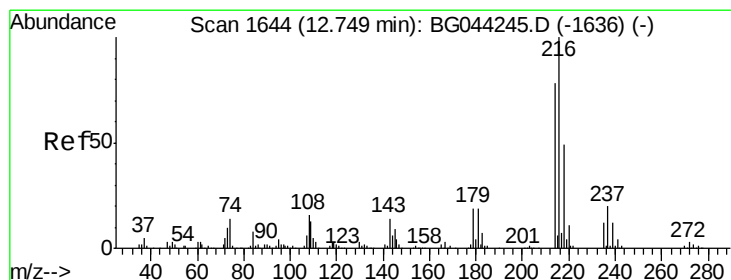
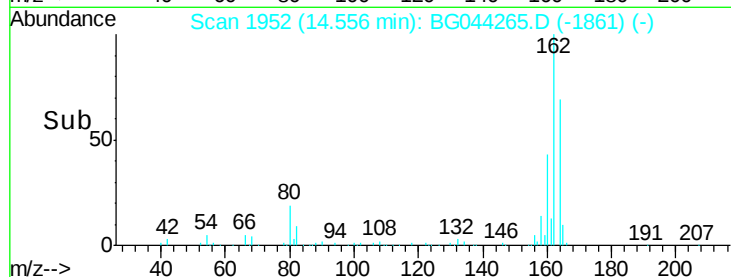
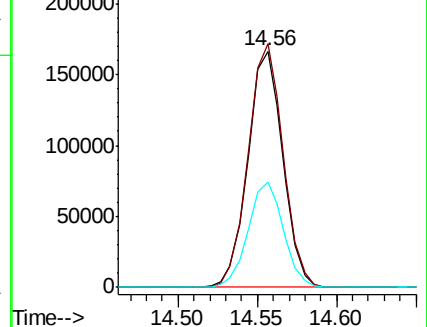
160 44.6 35.3 52.9



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: 44.324 ng

RT: 12.75 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

Tgt Ion:216 Resp: 337493

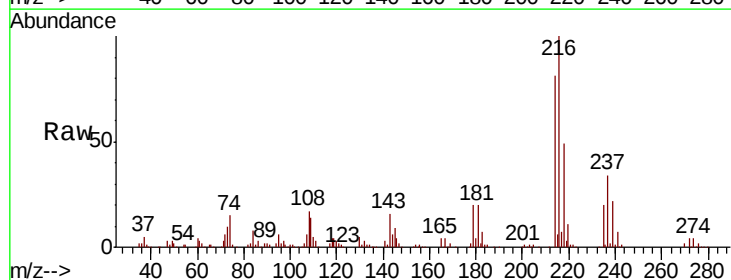
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.6

179 20.8 16.2 24.4

108 19.7 13.5 20.3

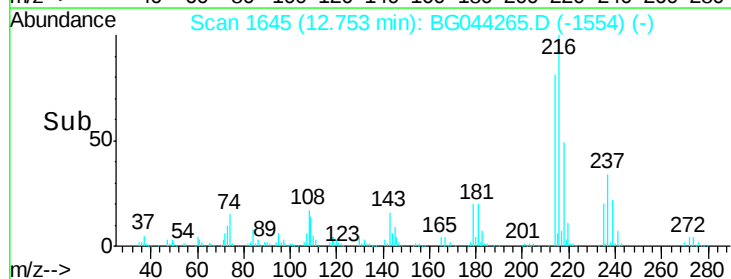
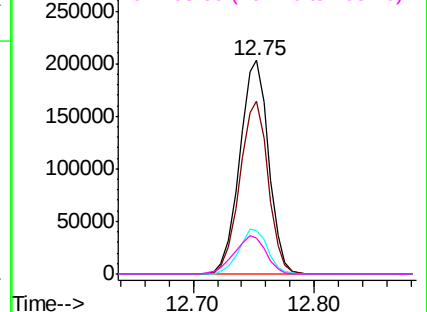


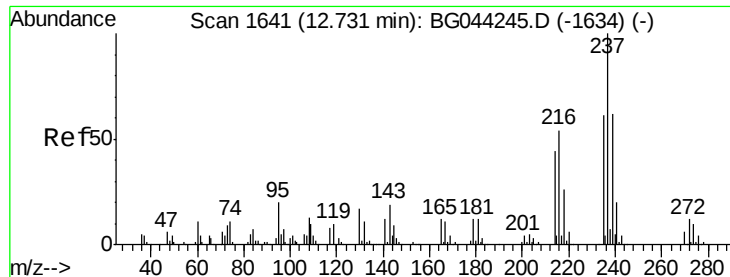
Abundance Ion 216.00 (215.70 to 216.70): E

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: 113.789 ng

RT: 12.73 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

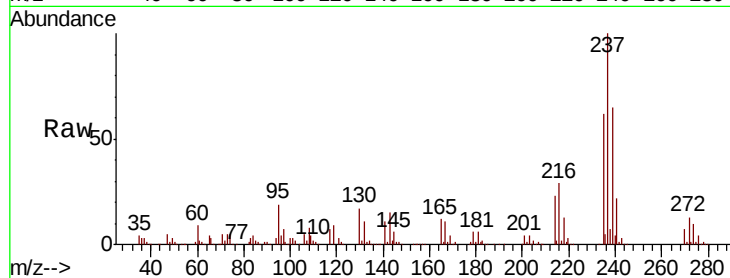
Tot Ion:237 Resp: 415733

Ion Ratio Lower Upper

237 100

235 61.9 41.2 81.2

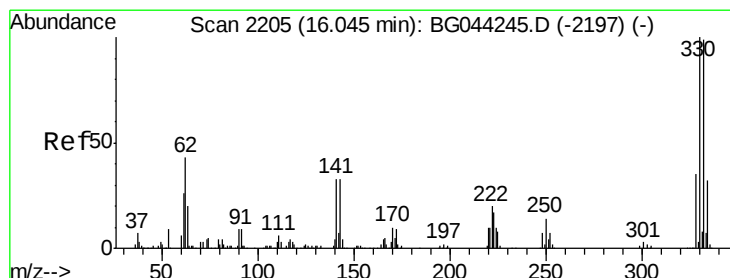
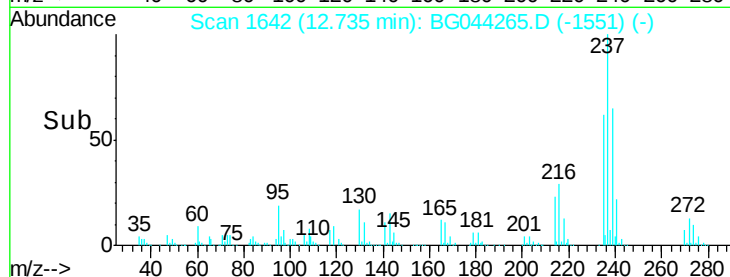
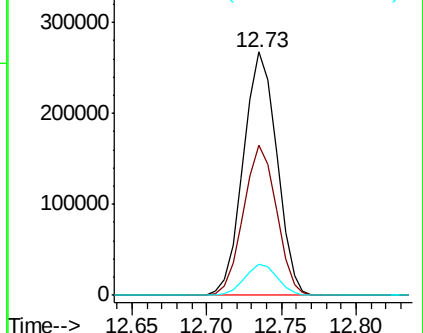
272 13.0 0.0 32.4



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: 111.789 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

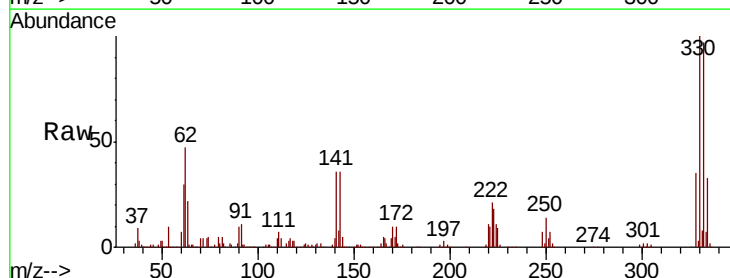
Tgt Ion:330 Resp: 334049

Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

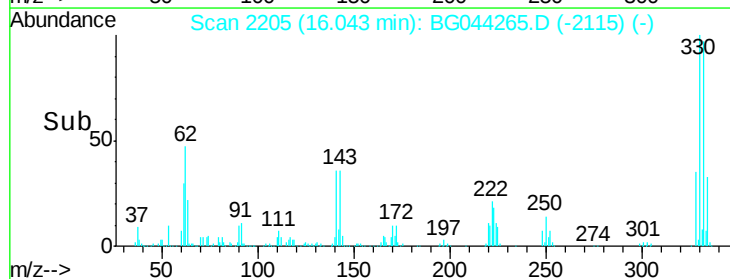
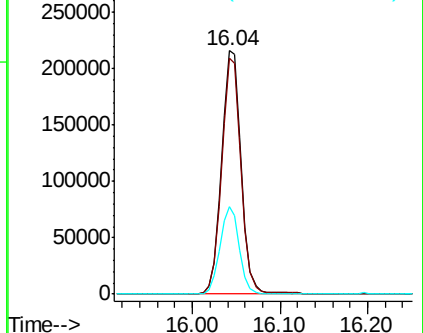
141 35.5 28.3 42.5

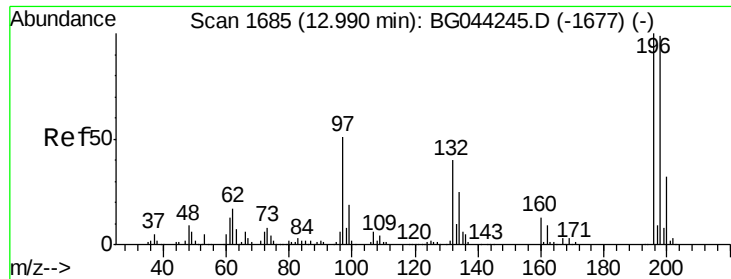


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

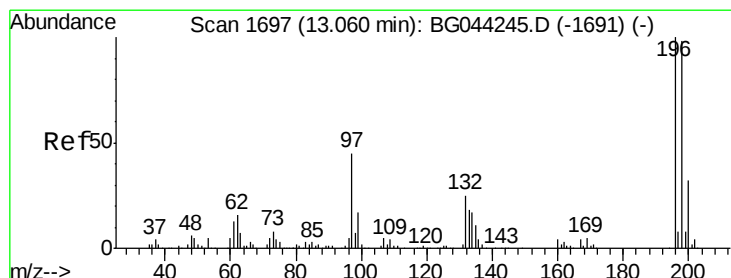
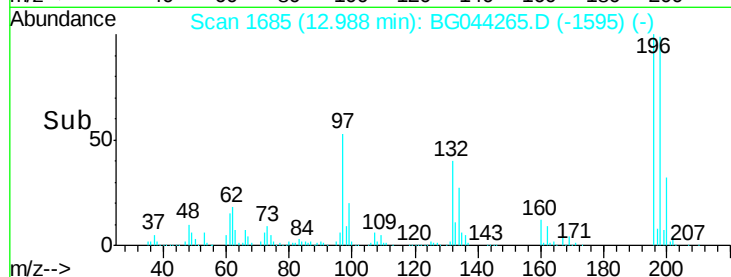
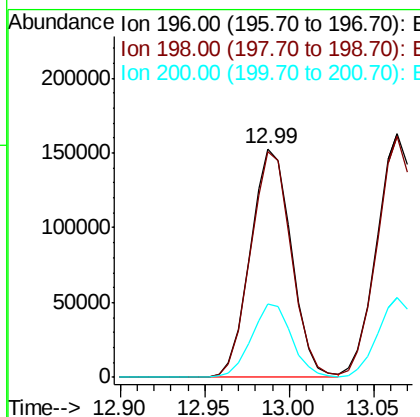
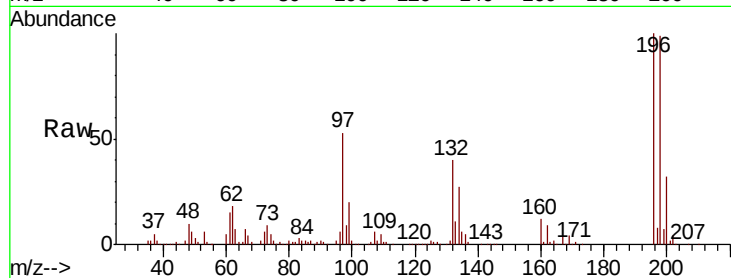




#43
 2,4,6-Trichlorophenol
 Concen: 52.264 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG044265.D
 Acq: 31 Jan 2020 18:25

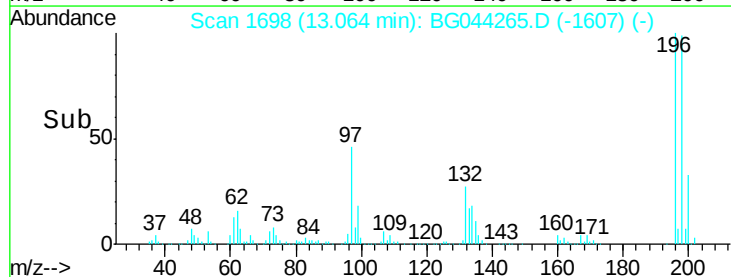
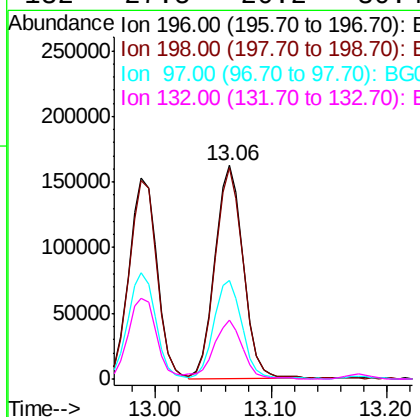
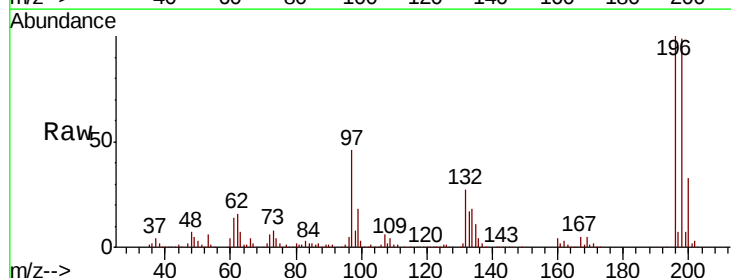
Instrument :
 BNA_G
 ClientSampleId :

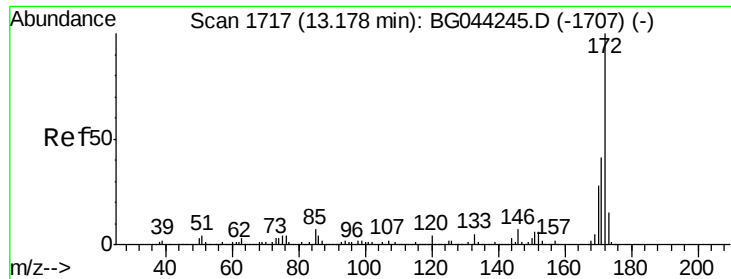
Tot Ion:196 Resp: 257226
 Ion Ratio Lower Upper
 196 100
 198 98.6 79.3 118.9
 200 32.2 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 54.814 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG044265.D
 Acq: 31 Jan 2020 18:25

Tgt Ion:196 Resp: 275549
 Ion Ratio Lower Upper
 196 100
 198 98.9 78.2 117.2
 97 46.2 36.2 54.4
 132 27.5 20.2 30.4



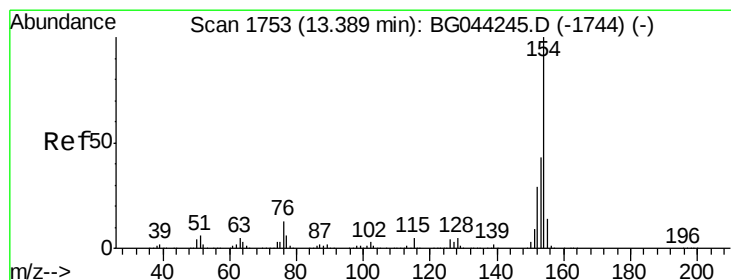
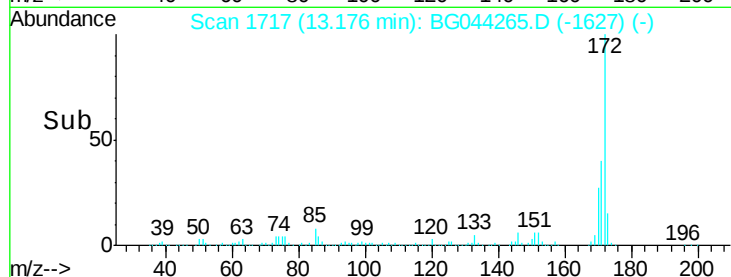
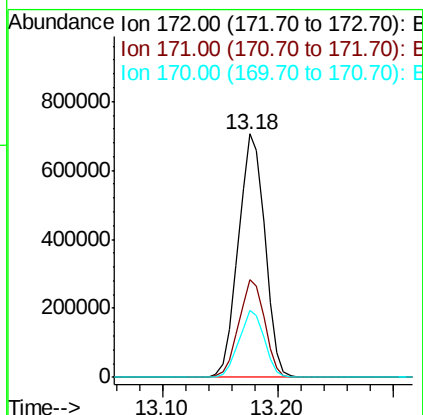
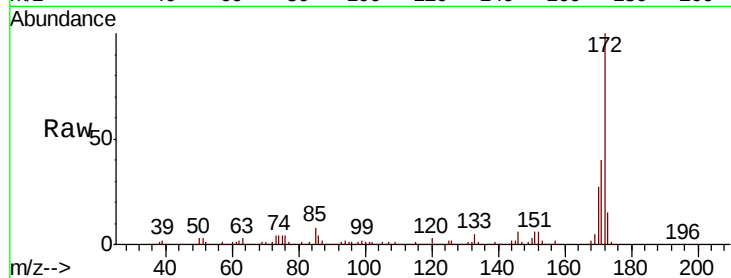


#45
 2-Fluorobiphenyl
 Concen: 73.735 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG044265.D
 Acq: 31 Jan 2020 18:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1120831

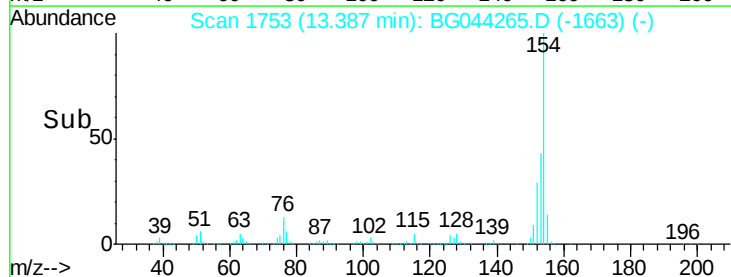
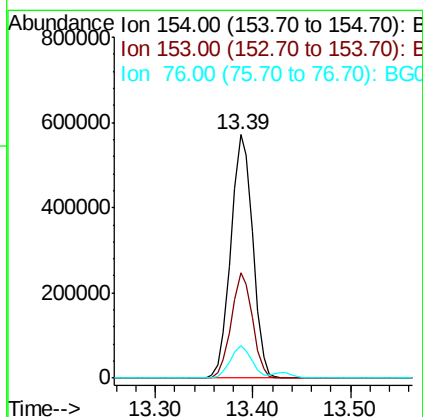
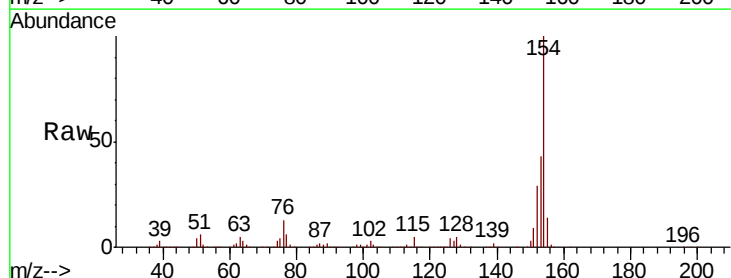
Ion	Ratio	Lower	Upper
172	100		
171	40.1	32.9	49.3
170	27.3	22.0	33.0

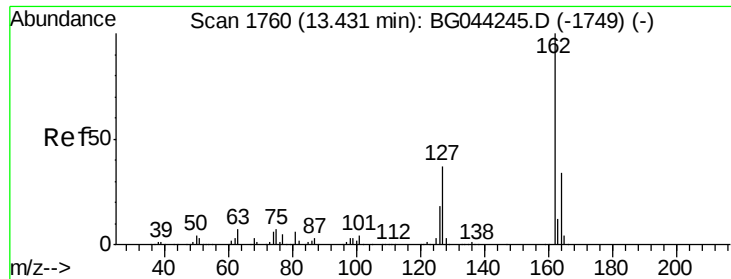


#46
 1,1'-Biphenyl
 Concen: 48.371 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG044265.D
 Acq: 31 Jan 2020 18:25

Tgt Ion:154 Resp: 888119

Ion	Ratio	Lower	Upper
154	100		
153	43.4	22.7	62.7
76	13.1	0.0	32.9

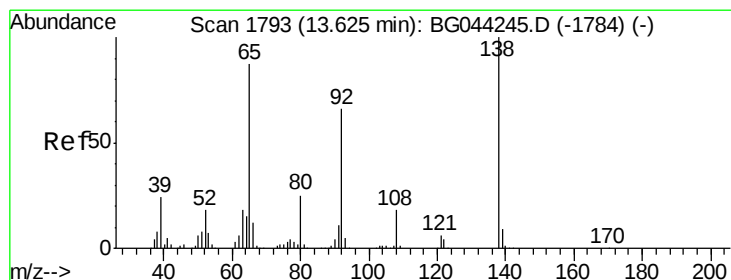
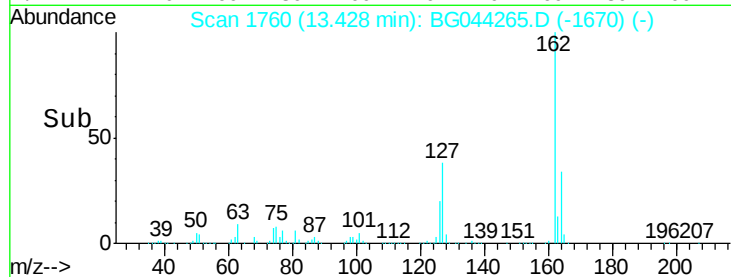
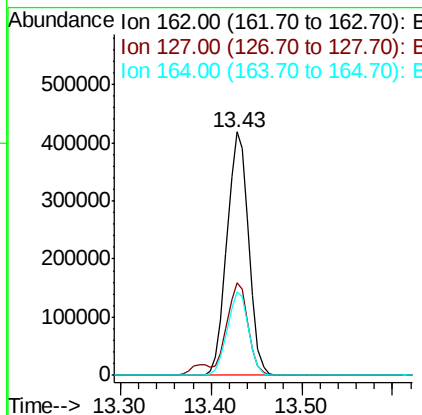
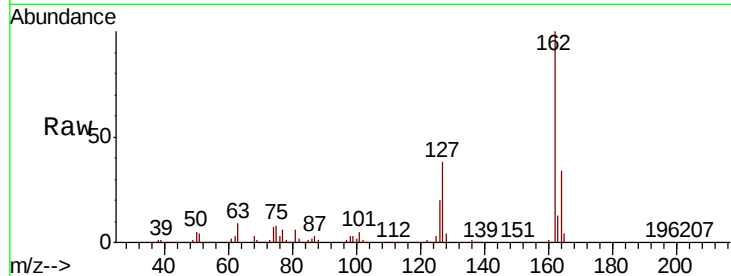




#47
2-Chloronaphthalene
Concen: 47.507 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

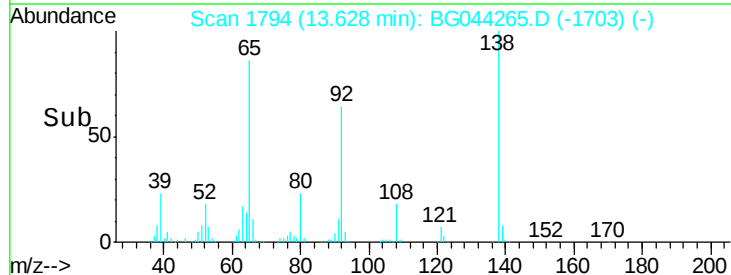
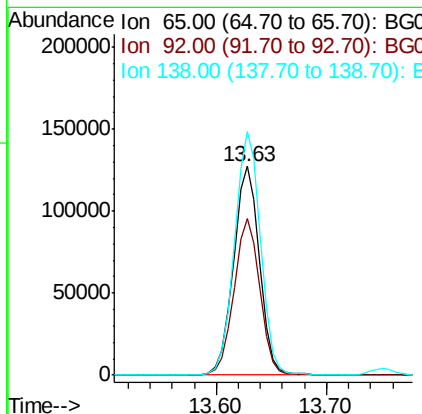
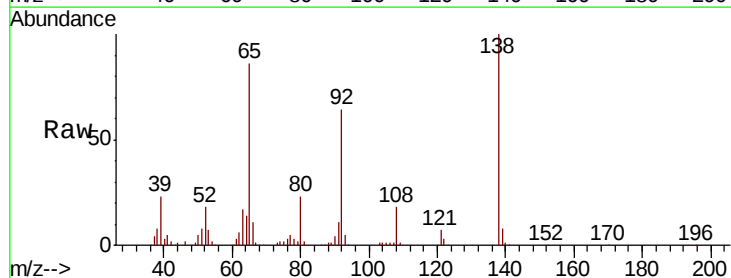
Instrument :
BNA_G
ClientSampleId :

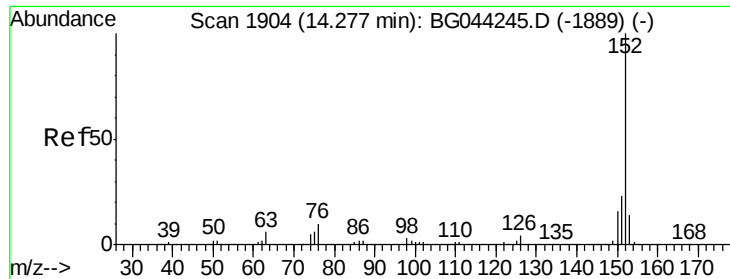
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.0	45.0
164	34.3	27.2	40.8



#48
2-Nitroaniline
Concen: 48.800 ng
RT: 13.63 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.0	60.3	90.5
138	116.7	91.9	137.9





#49

Acenaphthylene

Concen: 51.412 ng

RT: 14.27 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

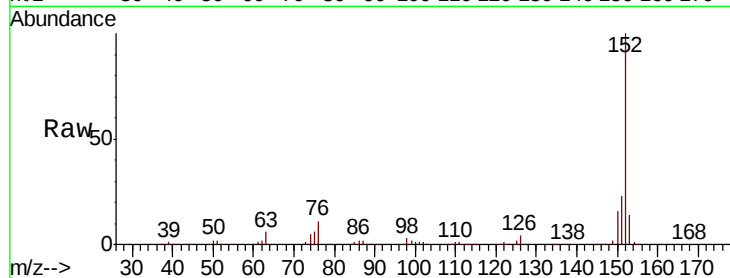
Tot Ion:152 Resp: 1101738

Ion Ratio Lower Upper

152 100

151 22.9 18.1 27.1

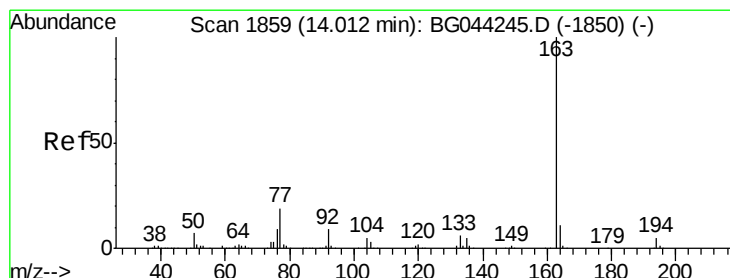
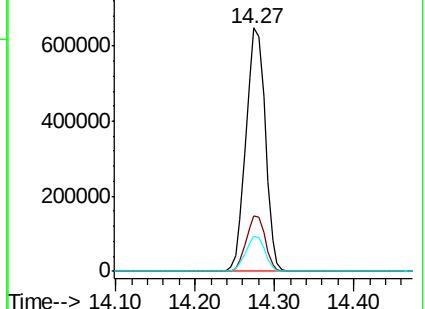
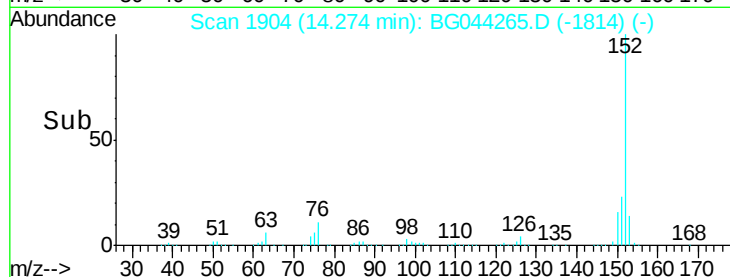
153 14.4 11.5 17.3



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: 56.813 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

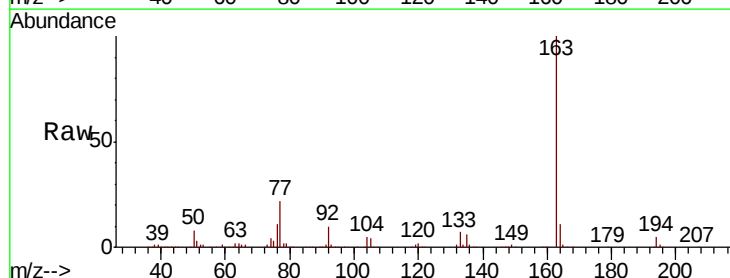
Tgt Ion:163 Resp: 1039532

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

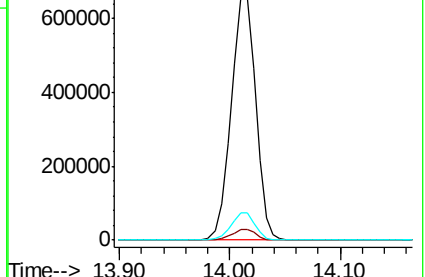
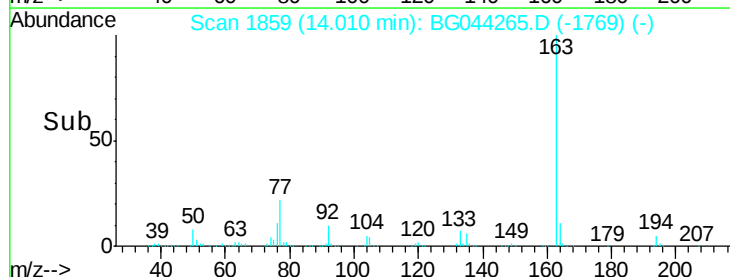
164 11.1 8.7 13.1

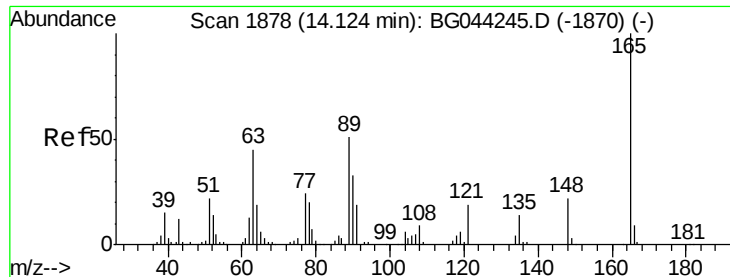


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

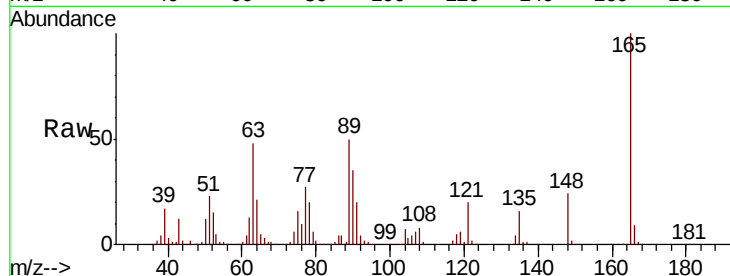




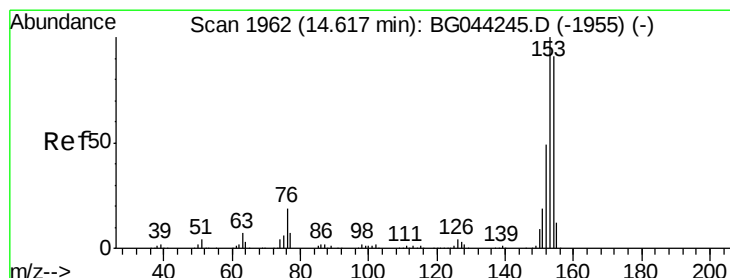
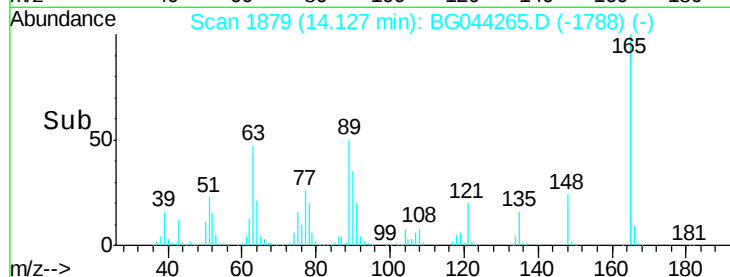
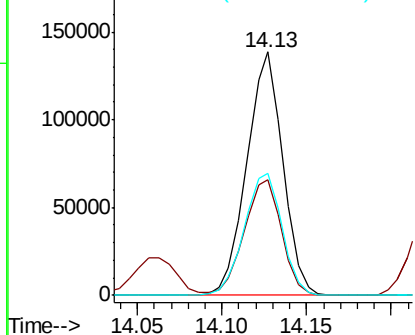
#51
2,6-Dinitrotoluene
Concen: 50.220 ng
RT: 14.13 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 204884
Ion Ratio Lower Upper
165 100
63 47.7 38.7 58.1
89 50.1 40.4 60.6

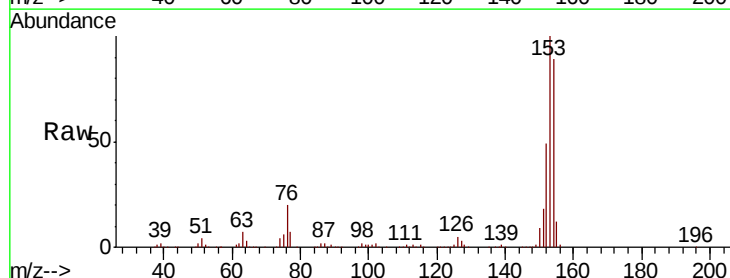


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

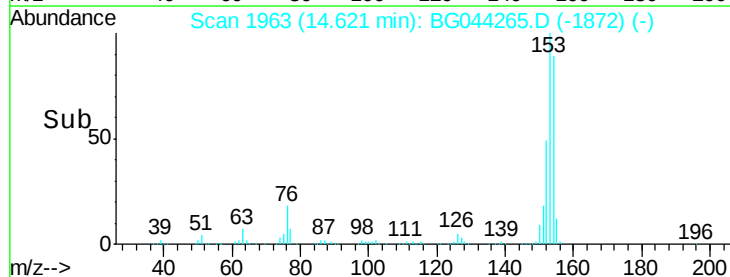
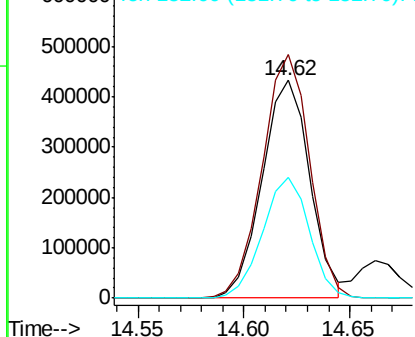


#52
Acenaphthene
Concen: 48.856 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Tgt Ion:154 Resp: 678617
Ion Ratio Lower Upper
154 100
153 111.8 87.9 131.9
152 55.2 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

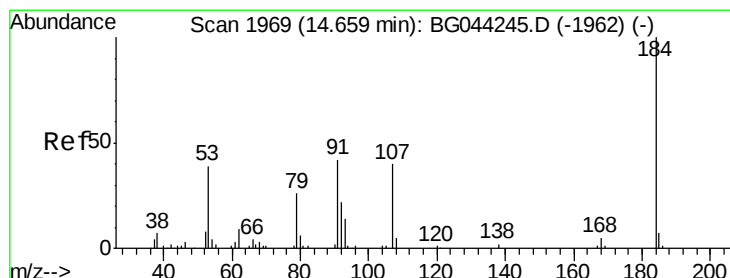
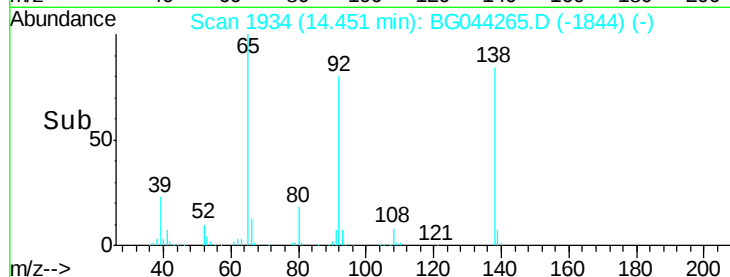
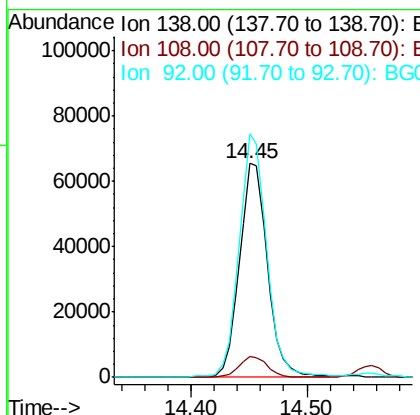
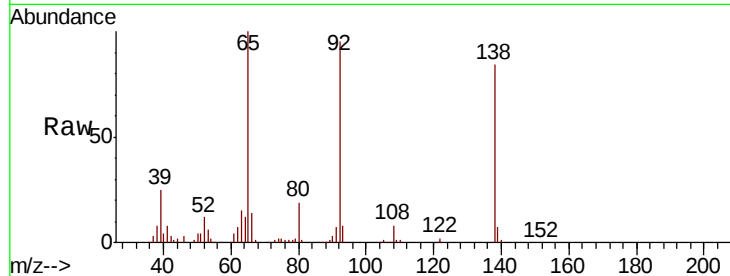




#53
3-Nitroaniline
Concen: 24.459 ng
RT: 14.45 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

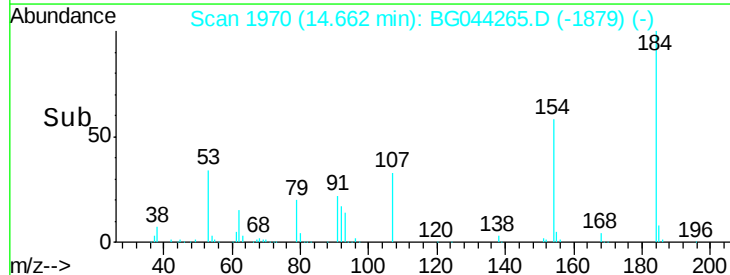
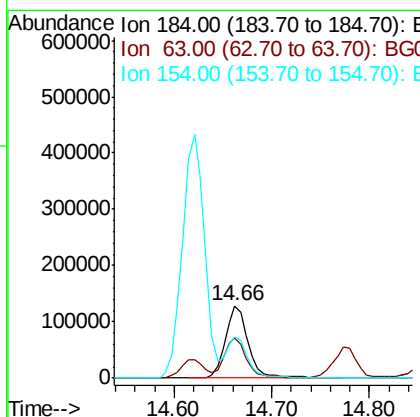
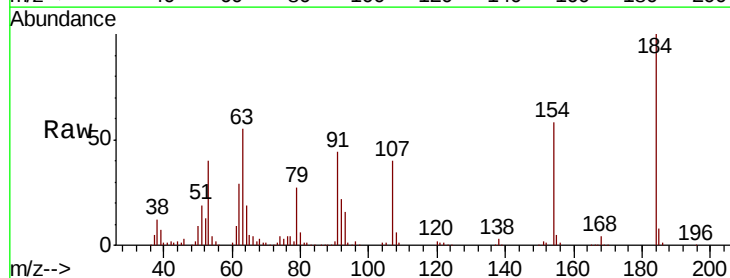
Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 110399
Ion Ratio Lower Upper
138 100
108 10.1 7.9 11.9
92 114.0 91.0 136.4



#54
2,4-Dinitrophenol
Concen: 86.259 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Tgt Ion:184 Resp: 210117
Ion Ratio Lower Upper
184 100
63 55.0 44.1 66.1
154 58.1 45.4 68.0

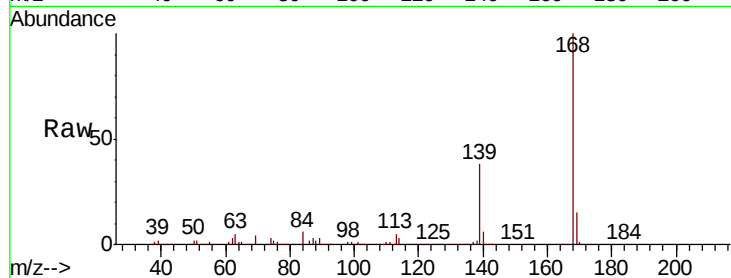




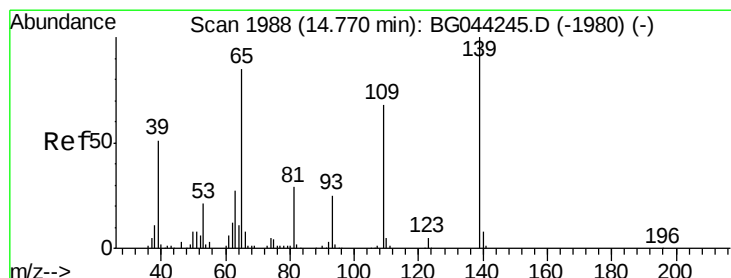
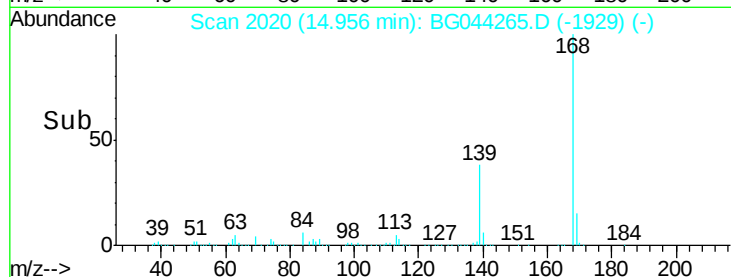
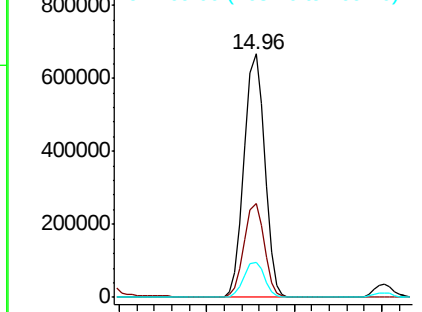
#55
Dibenzofuran
Concen: 50.167 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 1055020
Ion Ratio Lower Upper
168 100
139 38.4 30.5 45.7
169 14.5 11.7 17.5

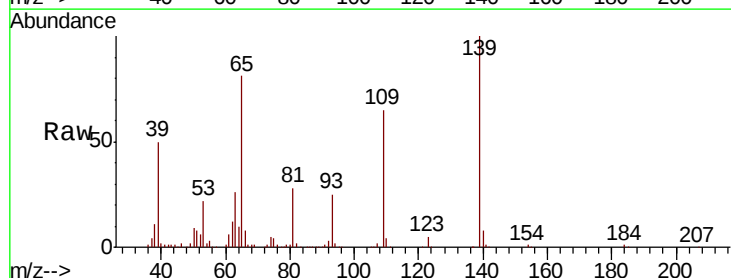


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

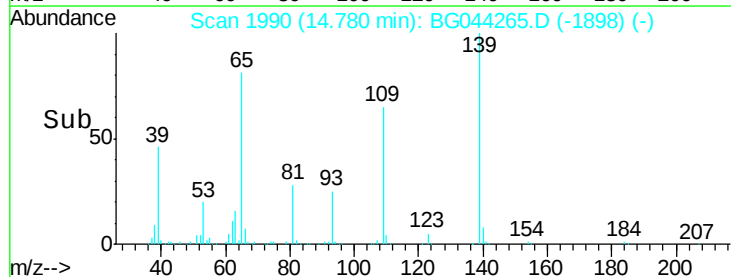
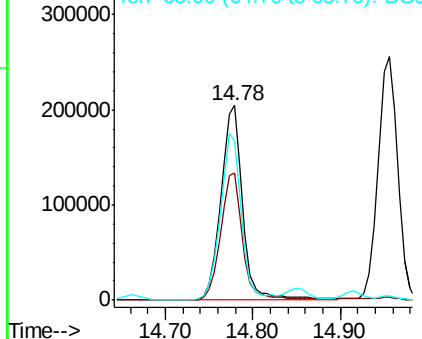


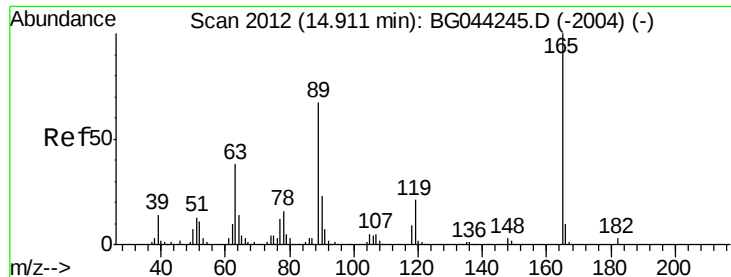
#56
4-Nitrophenol
Concen: 107.267 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Tgt Ion:139 Resp: 354648
Ion Ratio Lower Upper
139 100
109 65.3 47.5 87.5
65 81.4 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): BGC

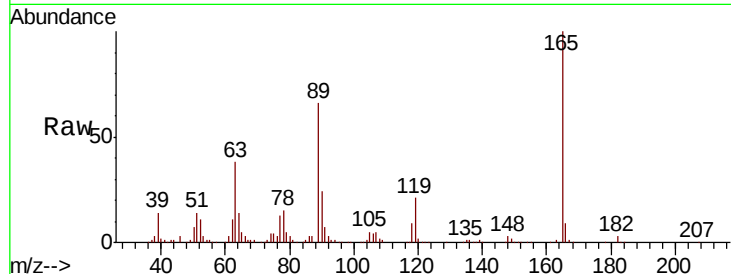




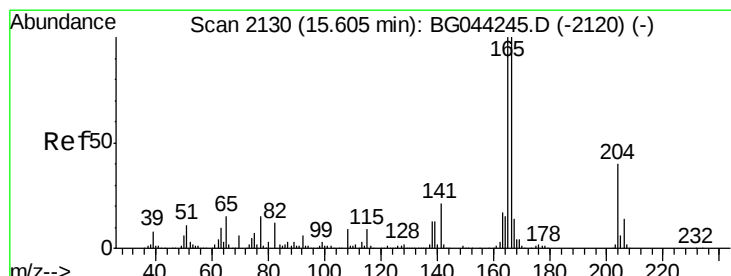
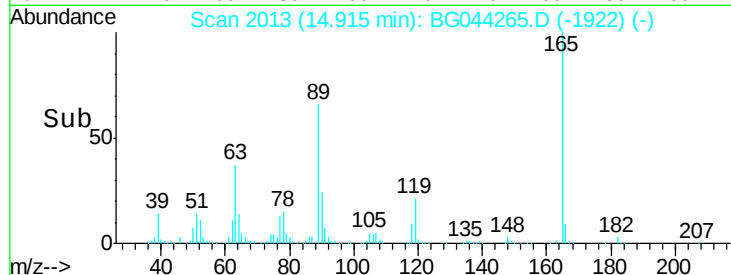
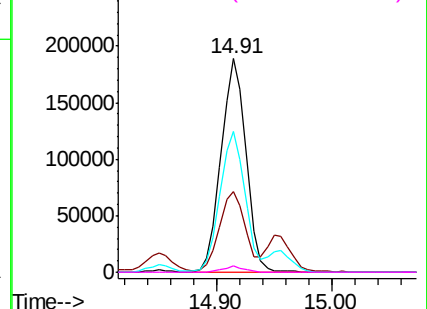
#57
2,4-Dinitrotoluene
Concen: 49.180 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.5	30.3	45.5
89	66.1	53.4	80.2
182	2.8	2.1	3.1

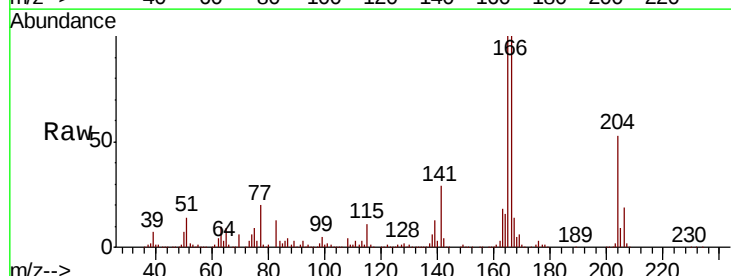


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

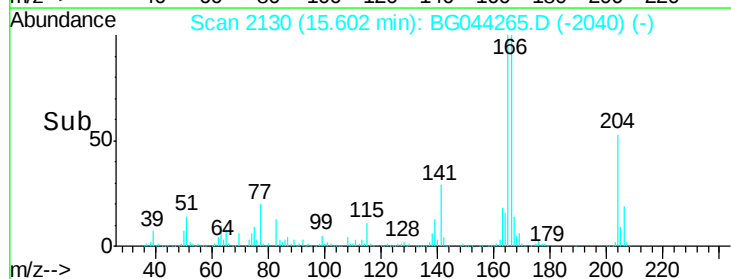
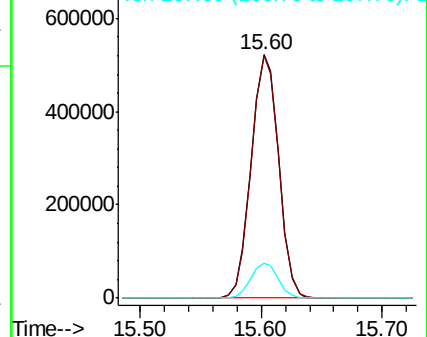


#58
Fluorene
Concen: 50.101 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.9	119.9
167	14.5	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

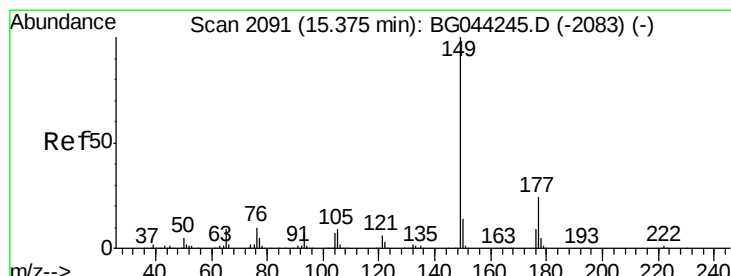
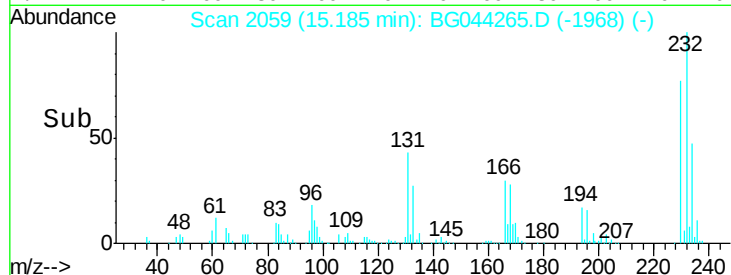
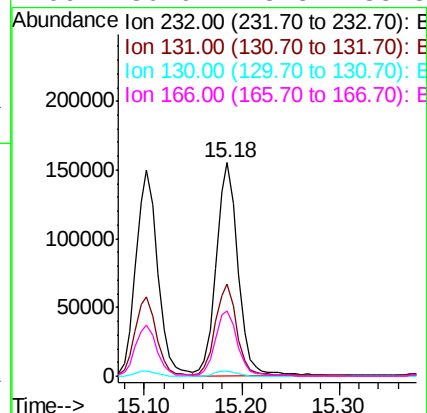
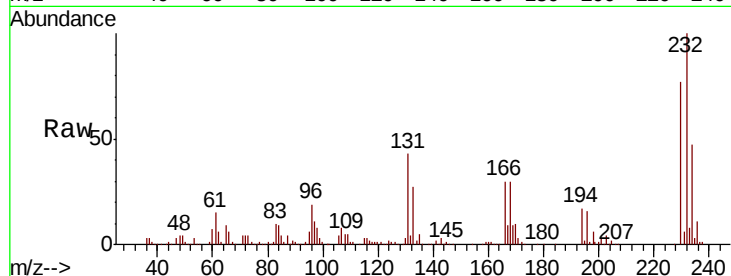




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.628 ng
 RT: 15.18 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BG044265.D
 Acq: 31 Jan 2020 18:25

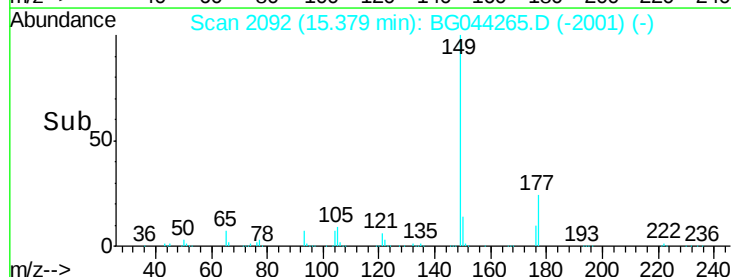
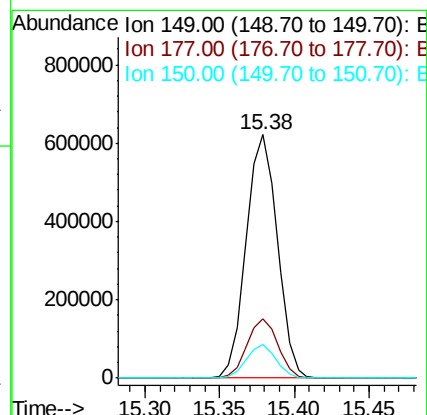
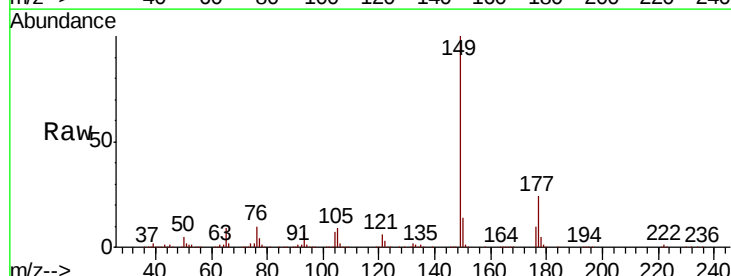
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.6	34.2	51.4
130	2.5	1.8	2.8
166	30.9	23.8	35.8



#60
 Diethylphthalate
 Concen: 49.143 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BG044265.D
 Acq: 31 Jan 2020 18:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.4	29.0
150	13.6	10.9	16.3

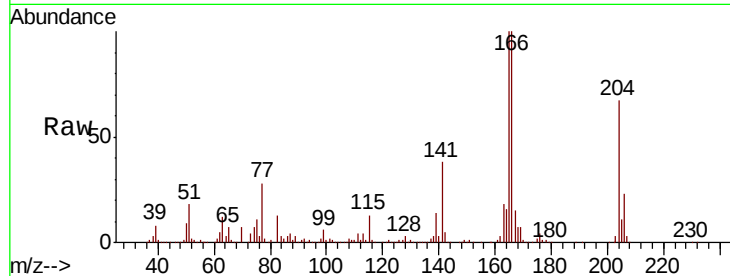




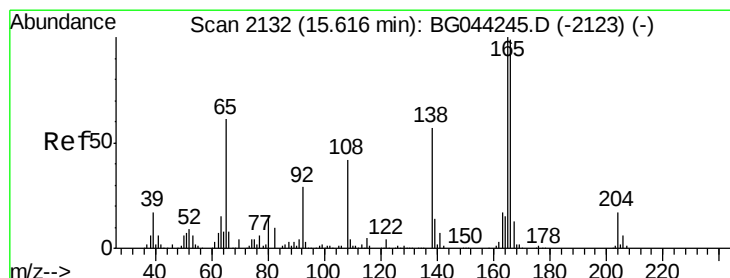
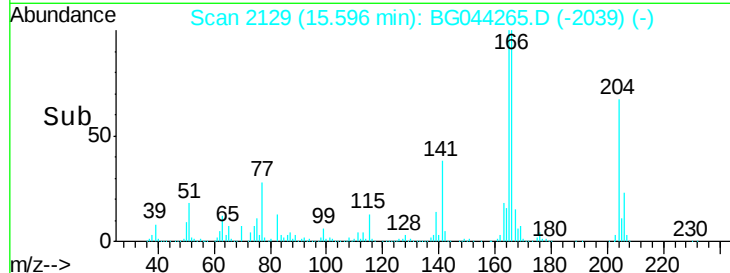
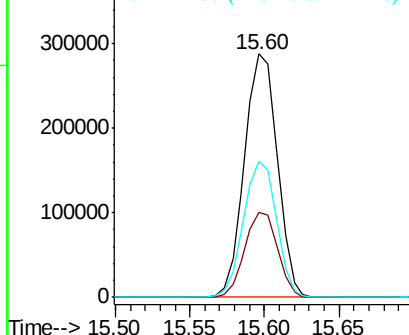
#61
4-Chlorophenyl-phenylether
Concen: 48.928 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 439429
Ion Ratio Lower Upper
204 100
206 34.8 27.6 41.4
141 55.8 43.4 65.0

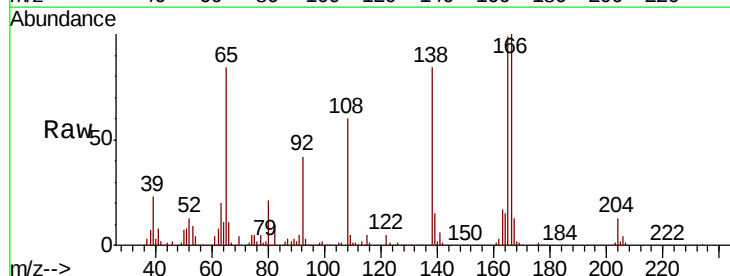


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

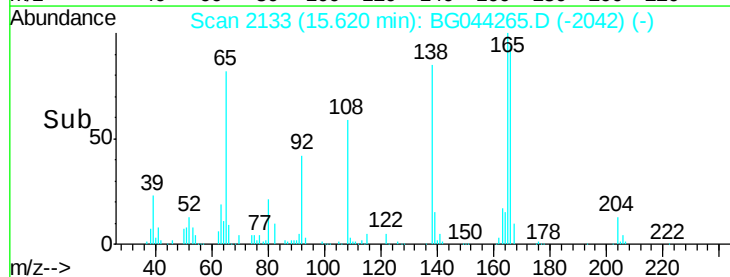
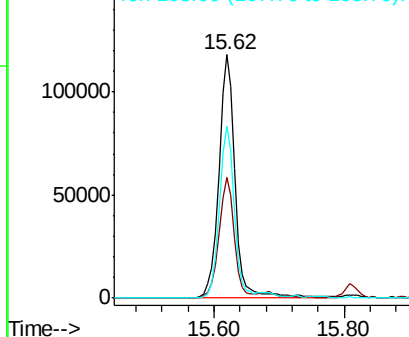


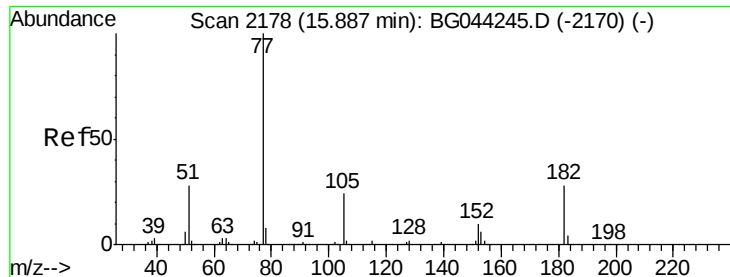
#62
4-Nitroaniline
Concen: 45.298 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Tgt Ion:138 Resp: 204299
Ion Ratio Lower Upper
138 100
92 49.9 31.3 71.3
108 70.9 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 51.141 ng

RT: 15.89 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 817191

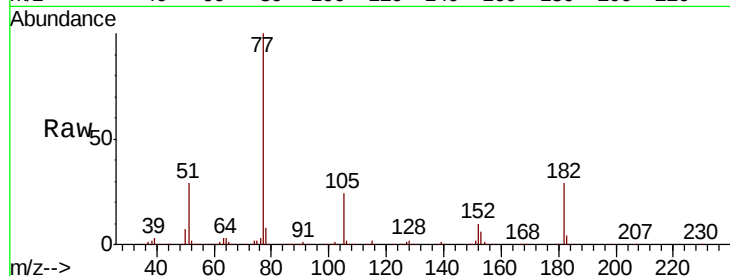
Ion Ratio Lower Upper

77 100

182 29.1 8.2 48.2

105 24.2 3.6 43.6

51 28.7 8.3 48.3

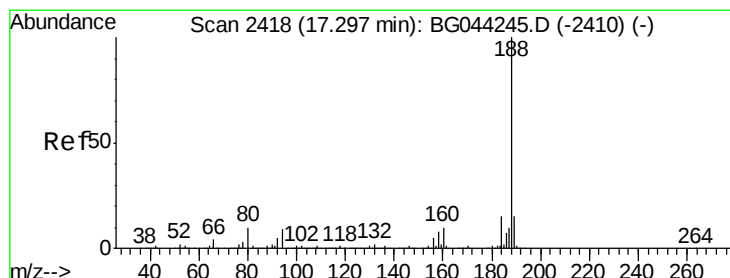
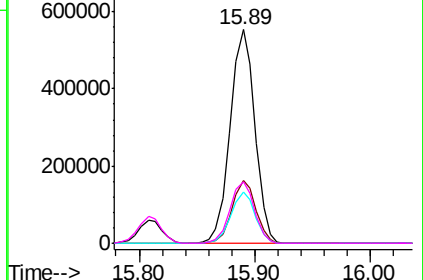
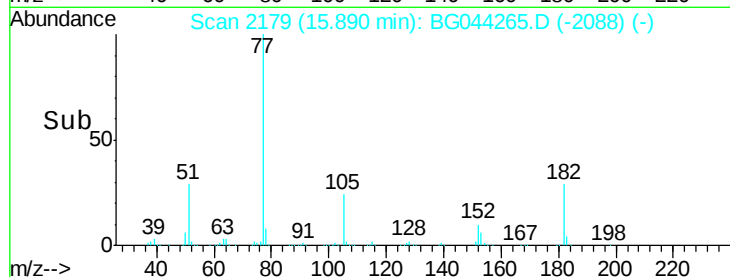


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.30 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

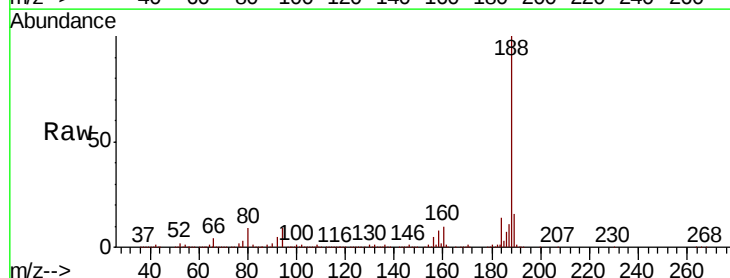
Tgt Ion: 188 Resp: 527138

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

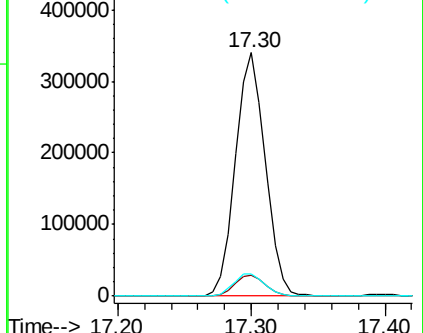
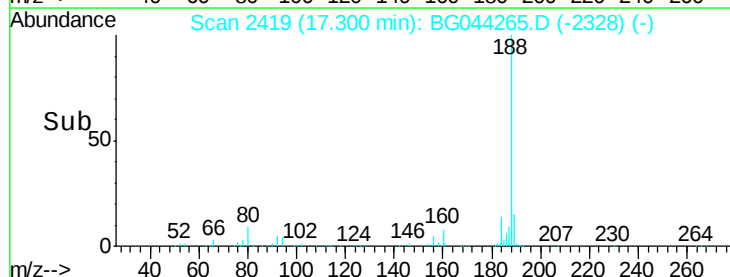
80 9.0 7.7 11.5

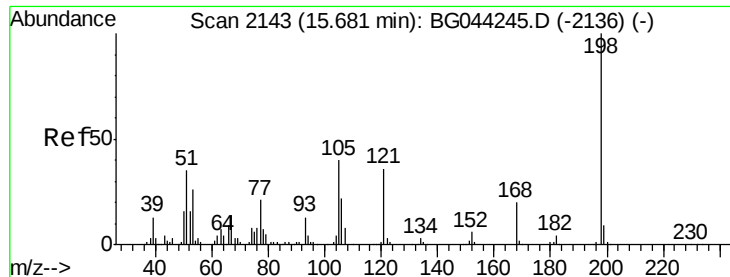


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

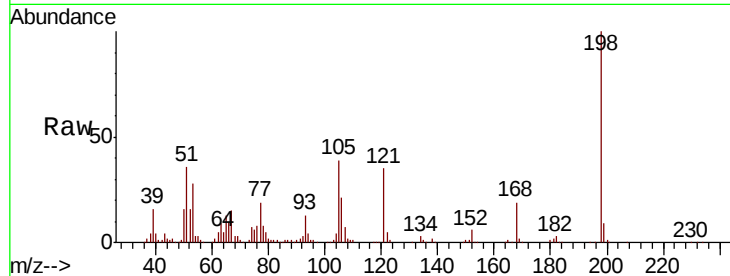




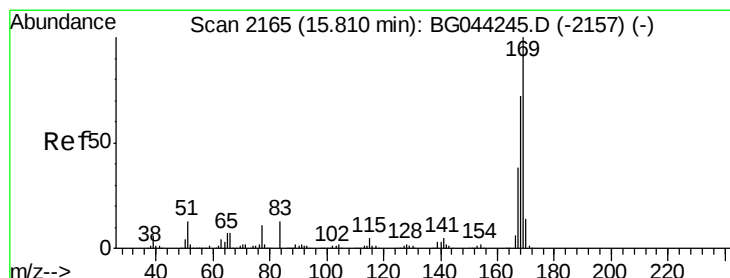
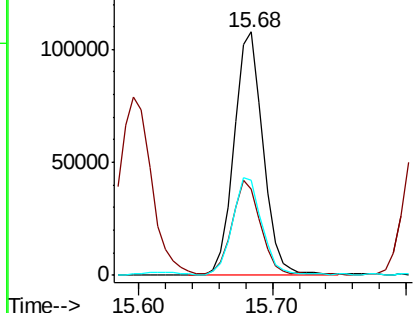
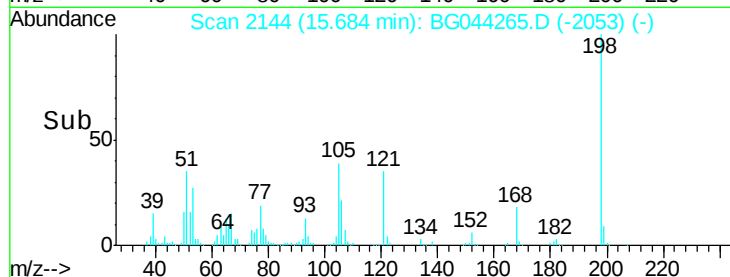
#65
 4,6-Dinitro-2-methylphenol
 Concen: 56.150 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG044265.D
 Acq: 31 Jan 2020 18:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	198	Resp	163384
Ion Ratio	100	Lower	Upper
51	35.5	16.6	56.6
105	39.3	20.6	60.6

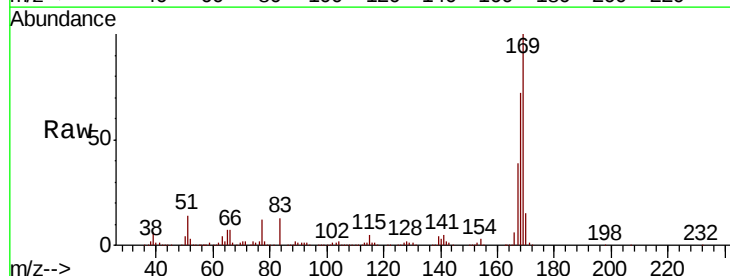


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

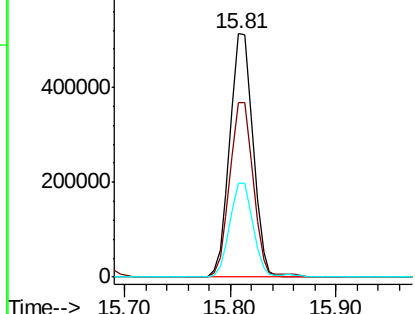
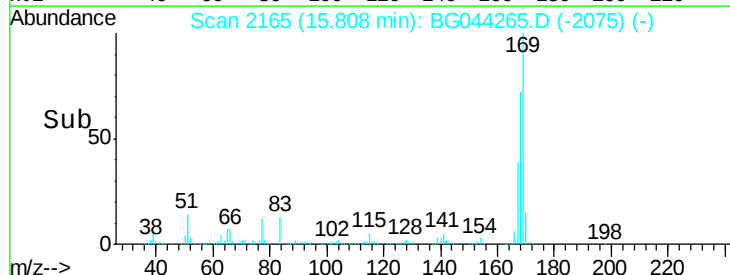


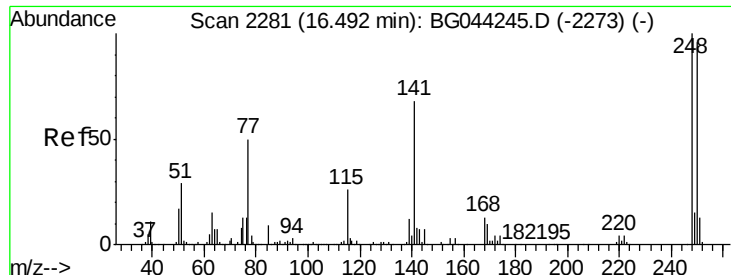
#66
 n-Nitrosodiphenylamine
 Concen: 52.687 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BG044265.D
 Acq: 31 Jan 2020 18:25

Tgt Ion	169	Resp	778327
Ion Ratio	100	Lower	Upper
168	71.8	57.9	86.9
167	38.5	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

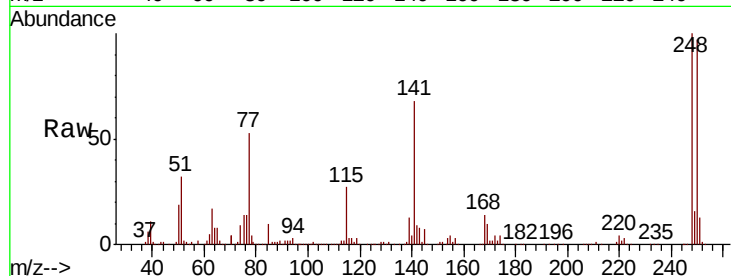




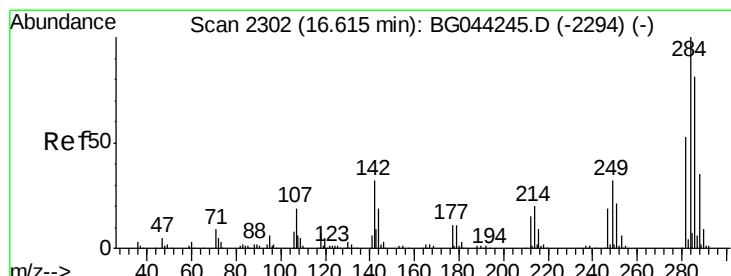
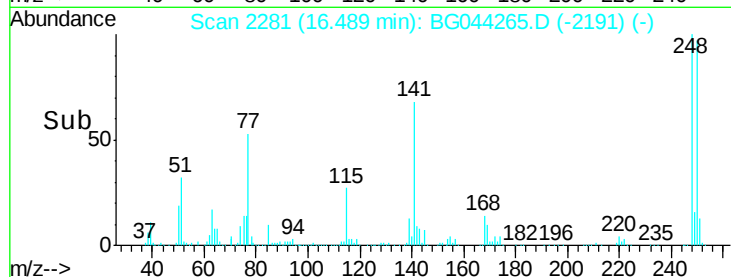
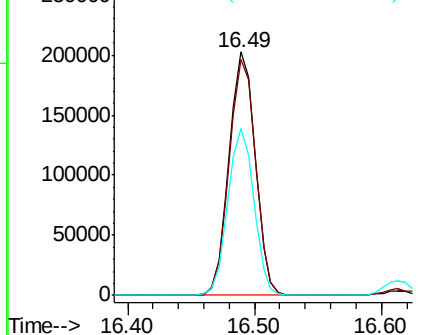
#67
4-Bromophenyl-phenylether
Concen: 50.295 ng
RT: 16.49 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 288849
Ion Ratio Lower Upper
248 100
250 97.0 76.6 114.8
141 68.4 54.7 82.1

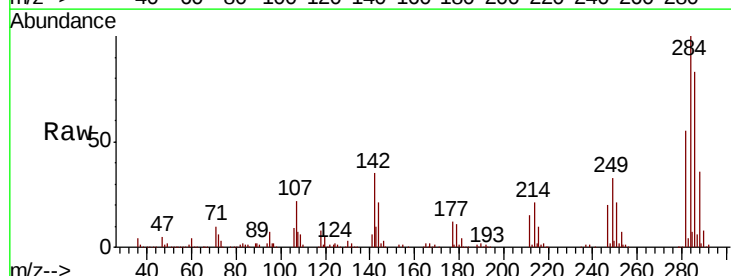


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

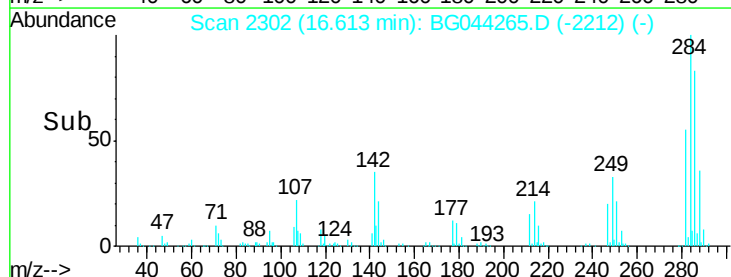
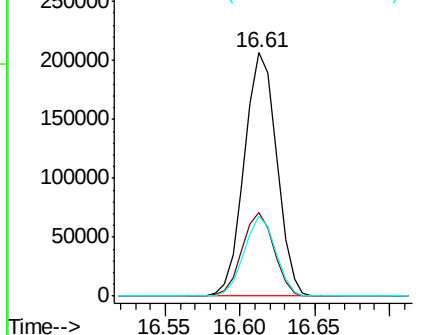


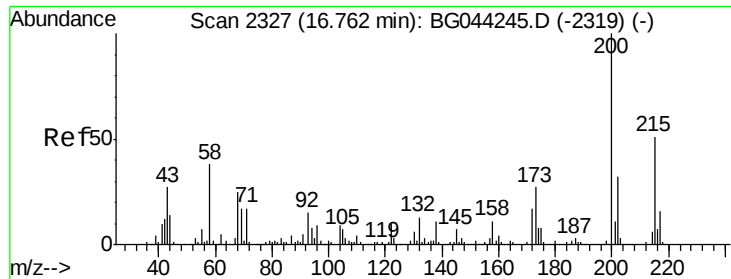
#68
Hexachlorobenzene
Concen: 48.252 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Tgt Ion:284 Resp: 310461
Ion Ratio Lower Upper
284 100
142 34.6 25.3 37.9
249 32.5 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: 56.632 ng

RT: 16.76 min Scan# 2327

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

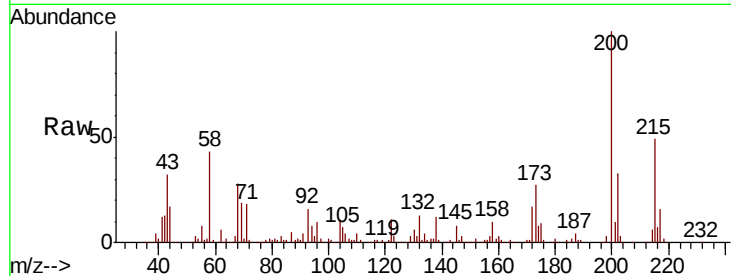
Tot Ion:200 Resp: 286751

Ion Ratio Lower Upper

200 100

173 26.8 6.6 46.6

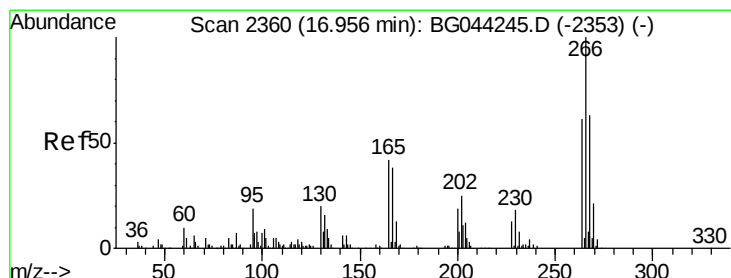
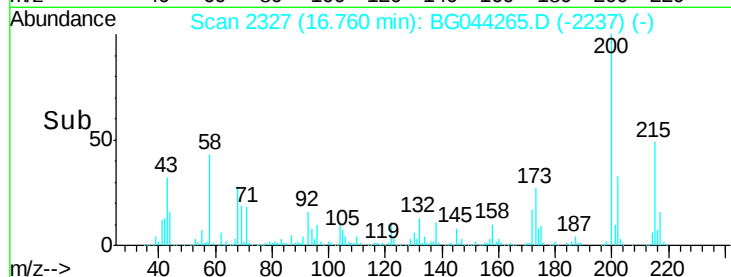
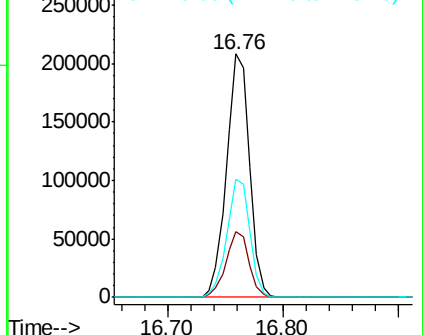
215 48.7 31.0 71.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 99.908 ng

RT: 16.96 min Scan# 2361

Delta R.T. 0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

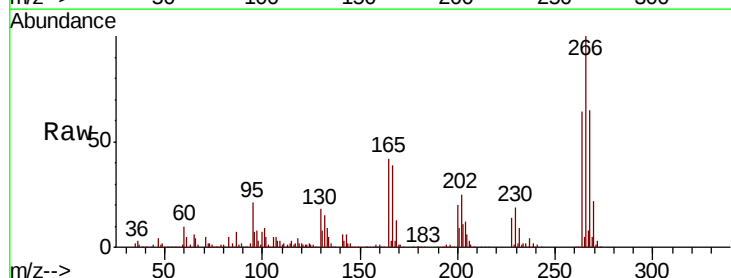
Tgt Ion:266 Resp: 327717

Ion Ratio Lower Upper

266 100

268 64.5 50.6 75.8

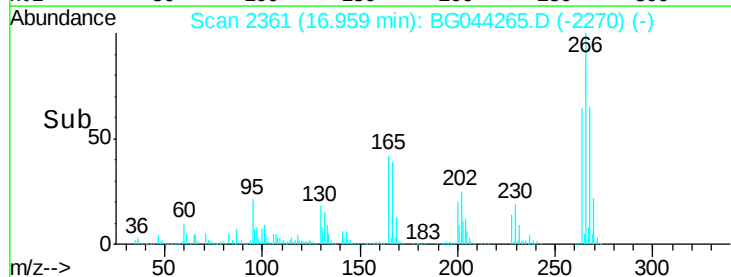
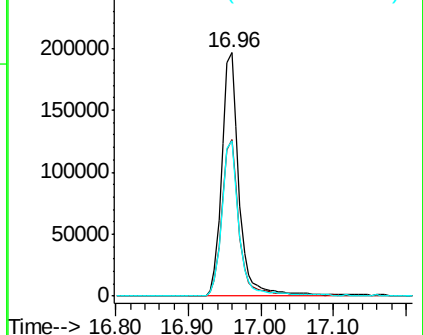
264 63.6 48.7 73.1

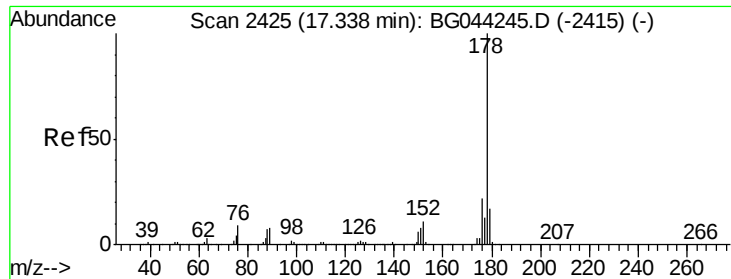


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

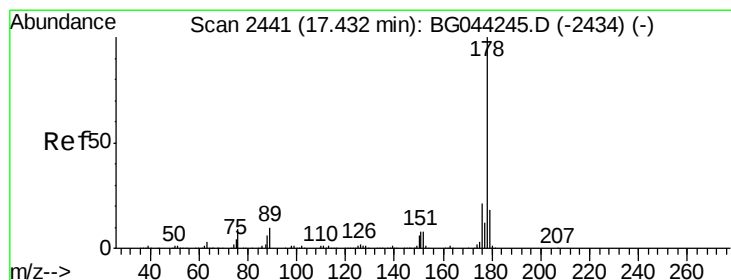
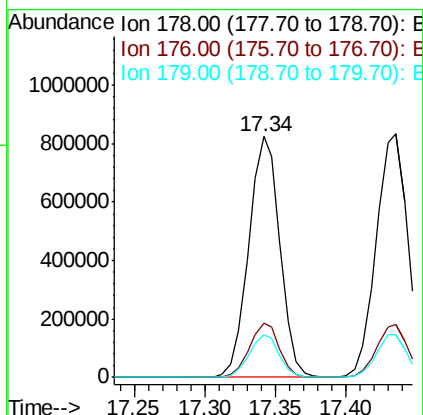
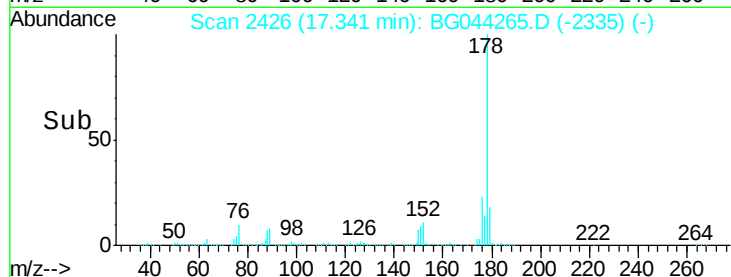
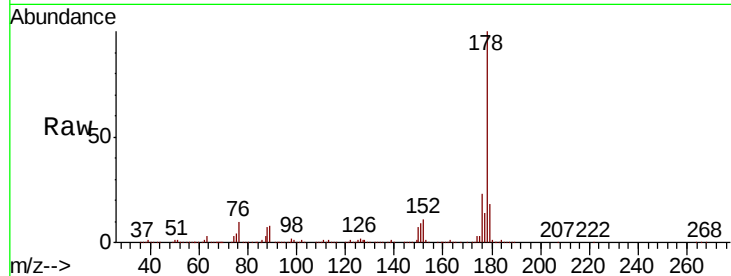




#71
Phenanthrene
Concen: 49.944 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

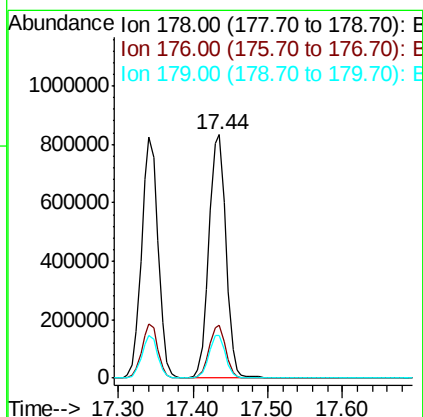
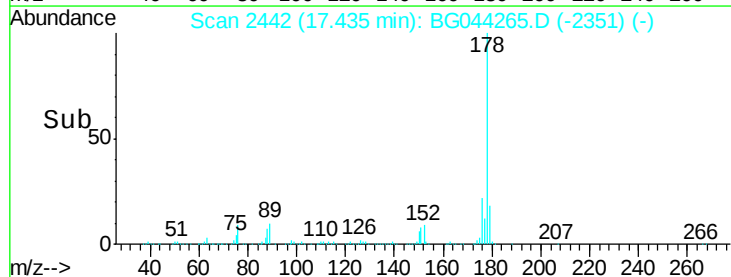
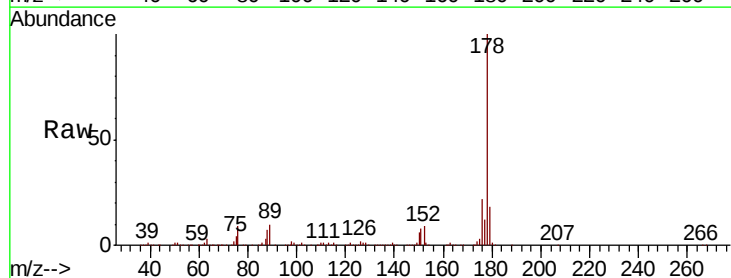
Instrument :
BNA_G
ClientSampleId :

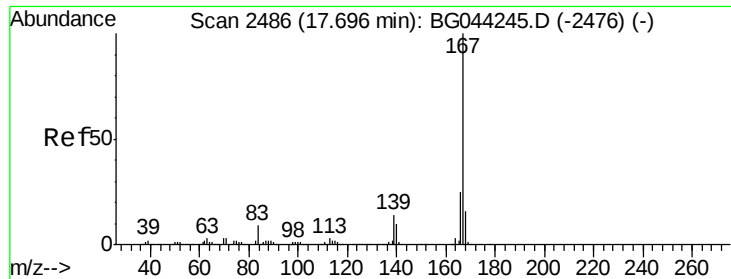
Tot Ion:178 Resp: 1274851
Ion Ratio Lower Upper
178 100
176 22.7 17.7 26.5
179 17.8 13.7 20.5



#72
Anthracene
Concen: 51.897 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Tgt Ion:178 Resp: 1309690
Ion Ratio Lower Upper
178 100
176 21.8 17.0 25.4
179 17.6 14.4 21.6





#73

Carbazole

Concen: 49.868 ng

RT: 17.70 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

Instrument :

BNA_G

ClientSampled :

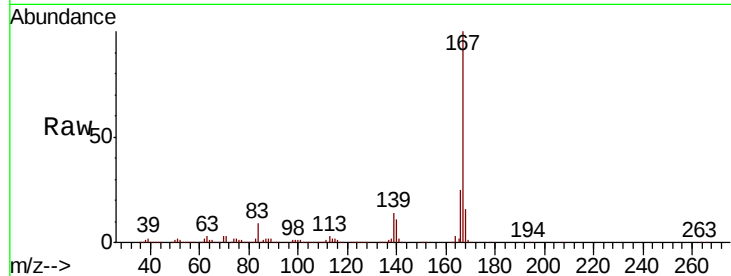
Tot Ion:167 Resp: 1160181

Ion Ratio Lower Upper

167 100

166 25.1 19.8 29.6

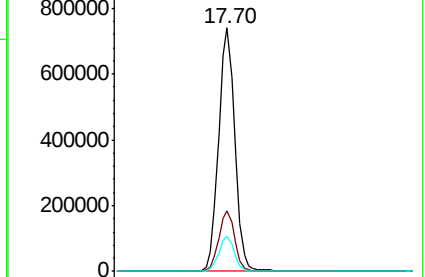
139 14.2 11.1 16.7



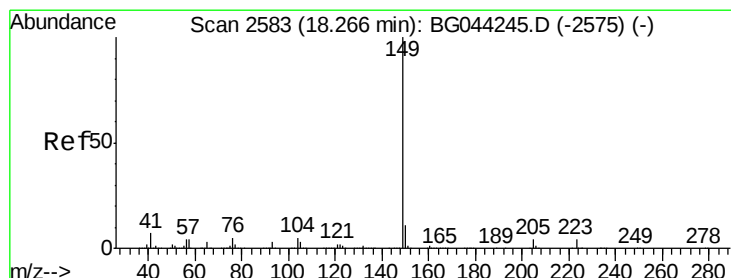
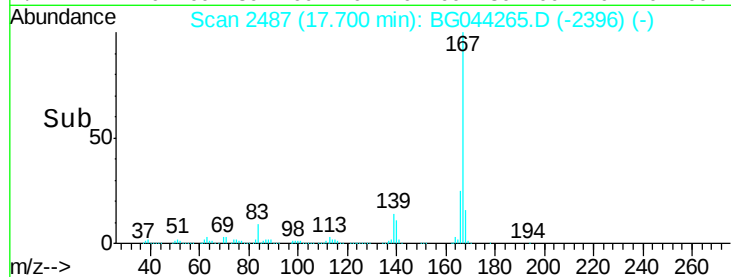
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 49.611 ng

RT: 18.27 min Scan# 2584

Delta R.T. 0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

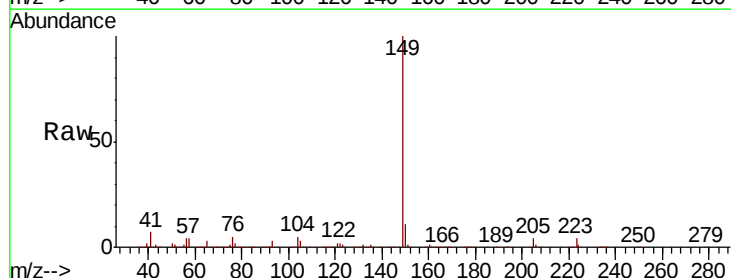
Tgt Ion:149 Resp: 1426305

Ion Ratio Lower Upper

149 100

150 11.1 8.7 13.1

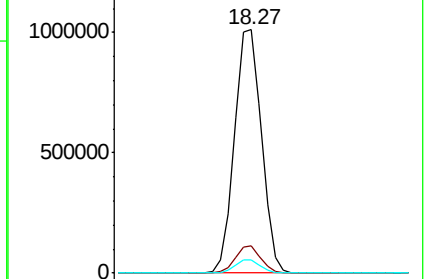
104 5.5 4.3 6.5



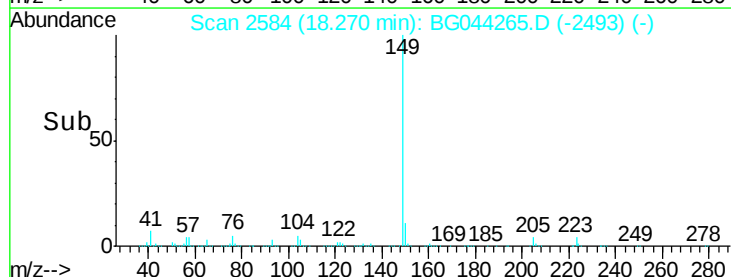
Abundance Ion 149.00 (148.70 to 149.70): E

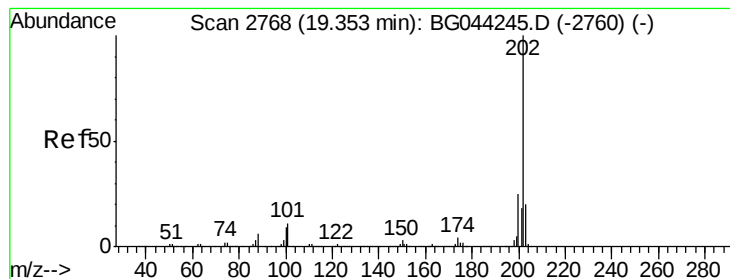
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 49.108 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

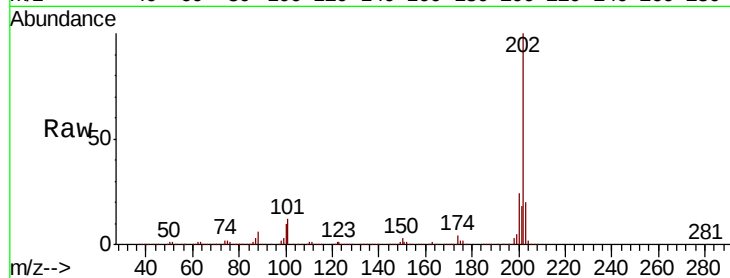
Tot Ion:202 Resp: 1450101

Ion Ratio Lower Upper

202 100

101 12.3 0.0 31.3

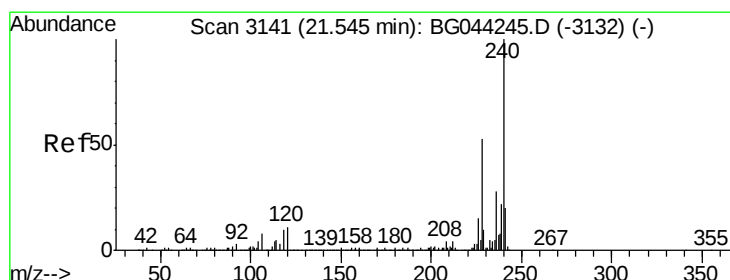
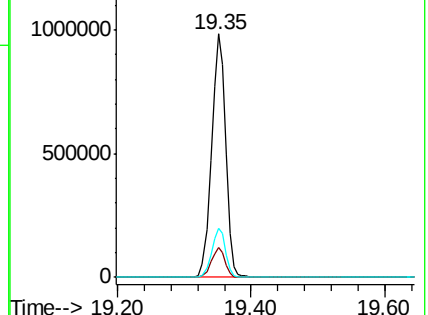
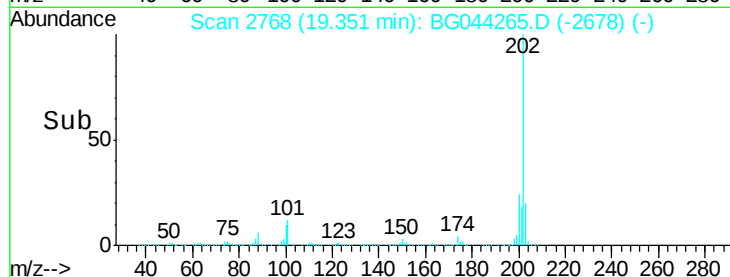
203 20.4 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

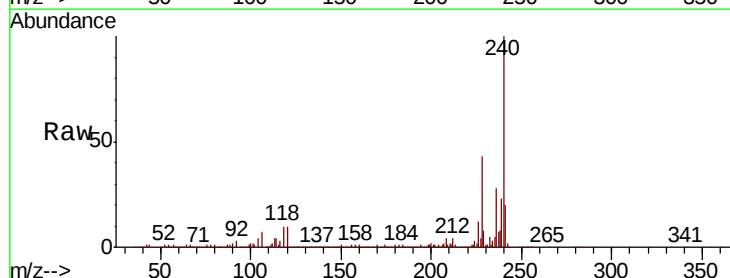
Tgt Ion:240 Resp: 441437

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

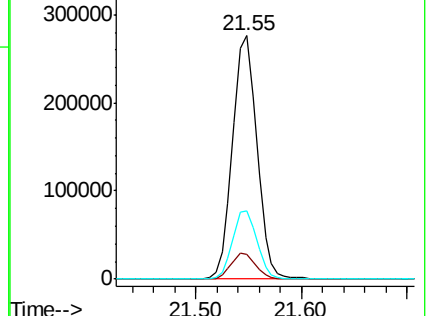
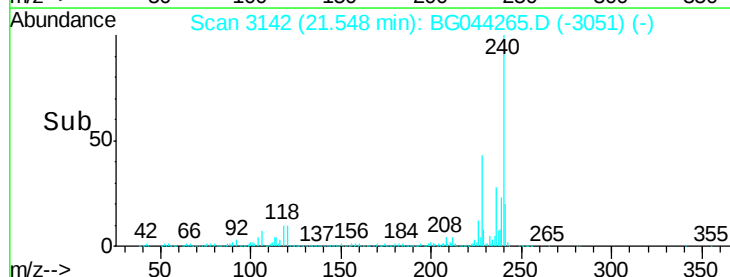
236 28.3 22.1 33.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.891 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

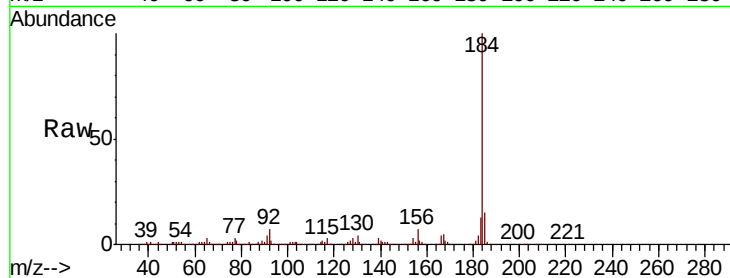
Tot Ion:184 Resp: 439464

Ion Ratio Lower Upper

184 100

185 15.4 12.9 19.3

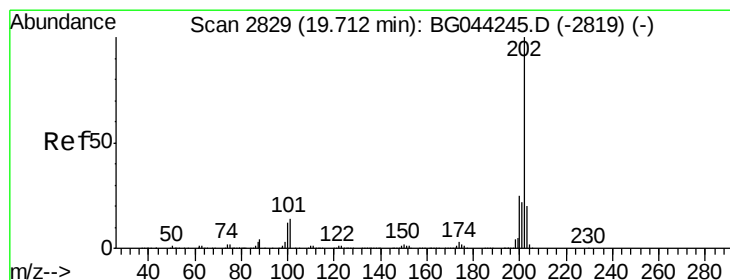
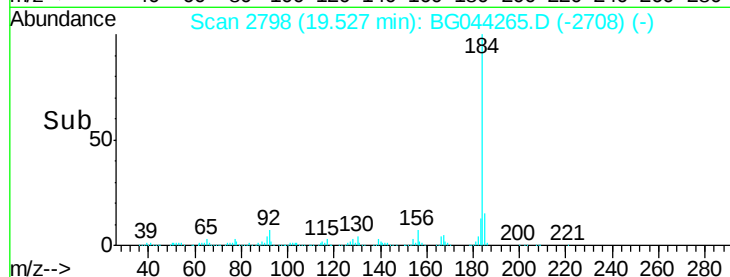
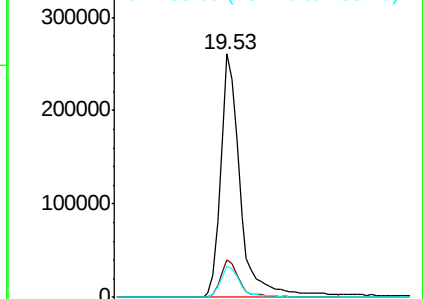
183 12.8 10.8 16.2



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: 51.077 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

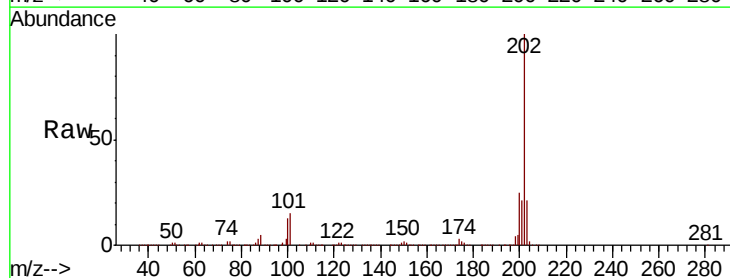
Tgt Ion:202 Resp: 1447983

Ion Ratio Lower Upper

202 100

200 25.4 20.0 30.0

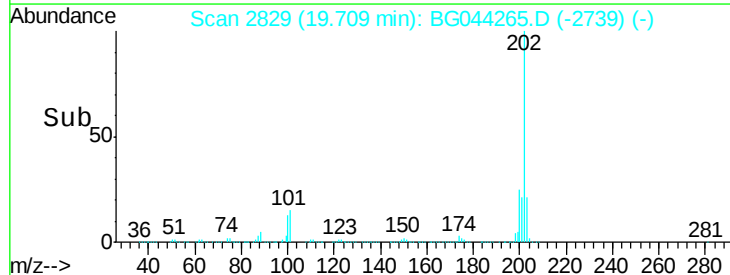
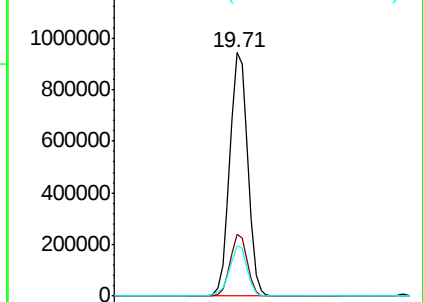
203 20.9 16.2 24.2

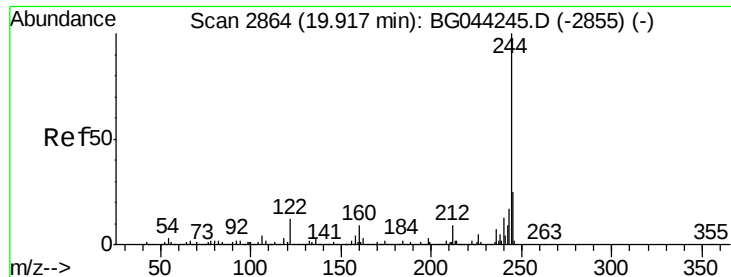


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.943 ng

RT: 19.91 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

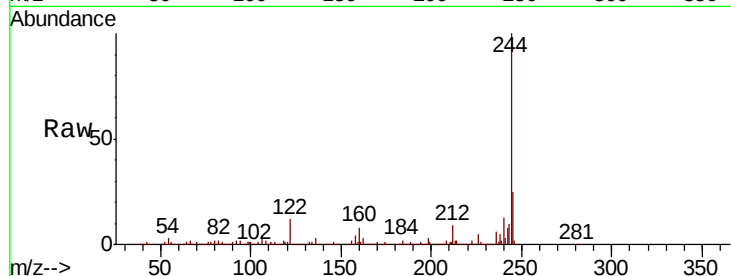
Tot Ion:244 Resp: 1629867

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.4	11.2
122	12.2	9.8	14.6

244 100

212 8.7 7.4 11.2

122 12.2 9.8 14.6

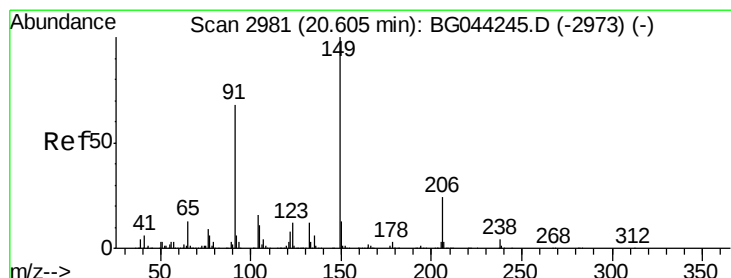
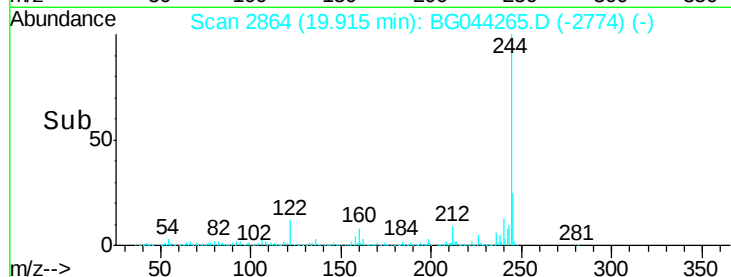
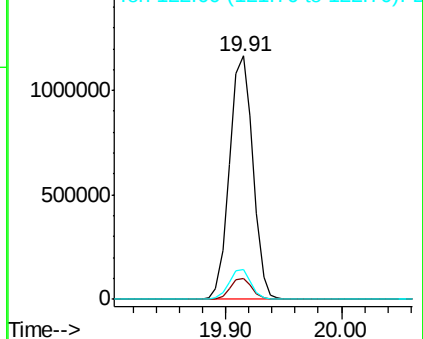


Abundance

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: 51.555 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

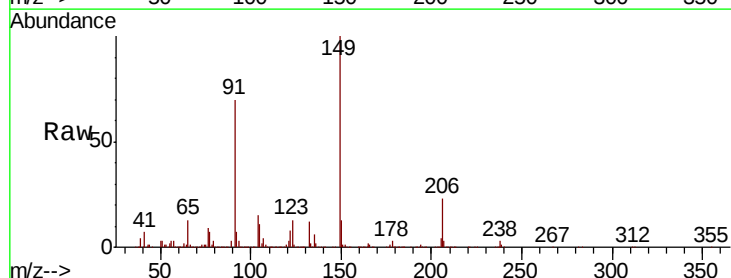
Tgt Ion:149 Resp: 666038

Ion	Ratio	Lower	Upper
149	100		
91	69.8	54.5	81.7
206	22.6	19.1	28.7

149 100

91 69.8 54.5 81.7

206 22.6 19.1 28.7

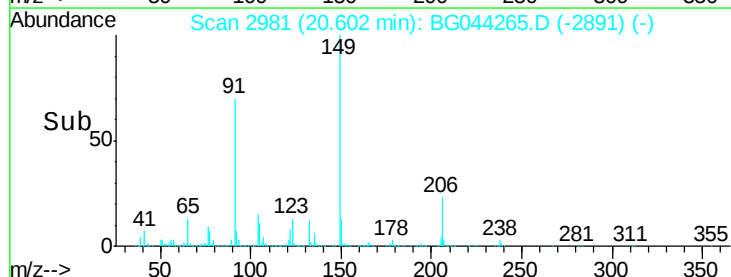
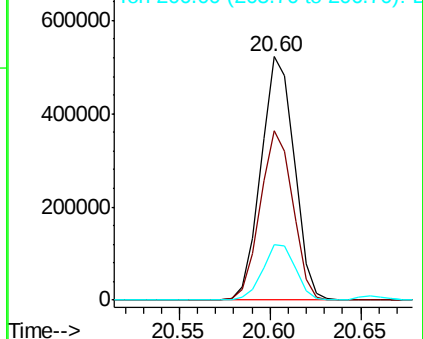


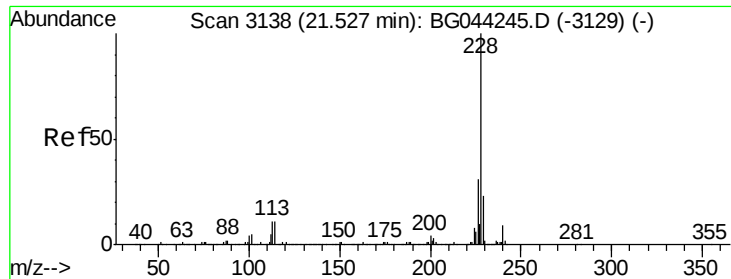
Abundance

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

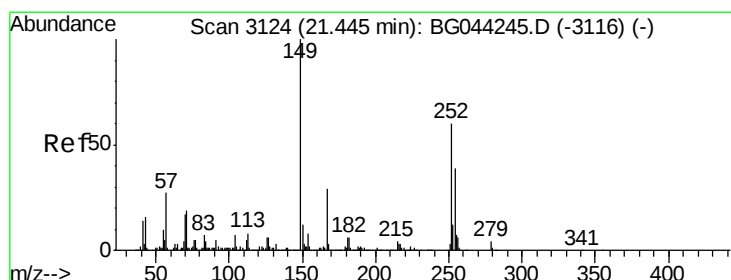
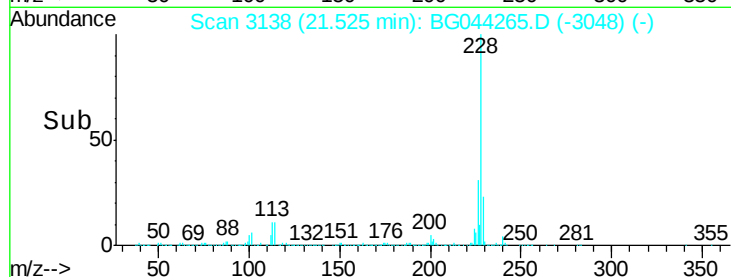
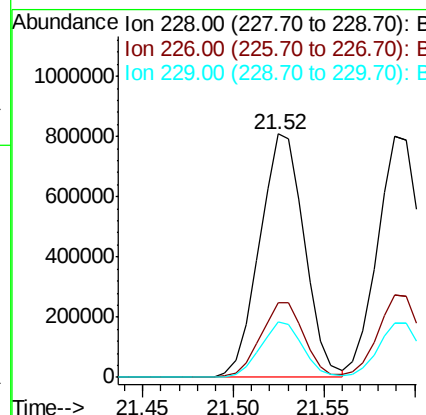
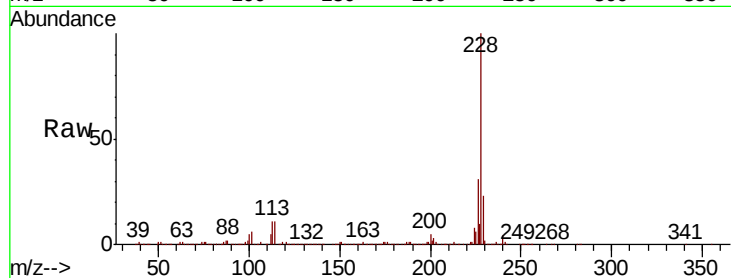




#81
Benzo(a)anthracene
Concen: 51.248 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

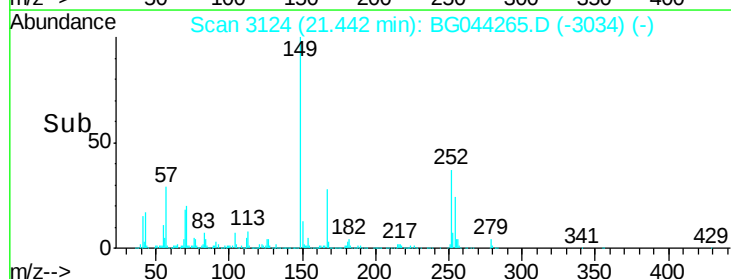
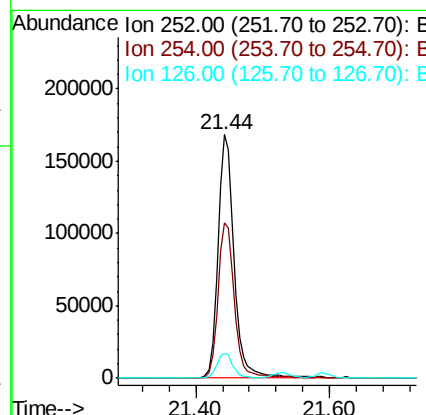
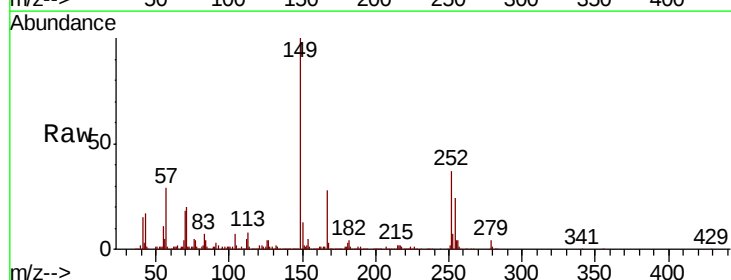
Instrument :
BNA_G
ClientSampleId :

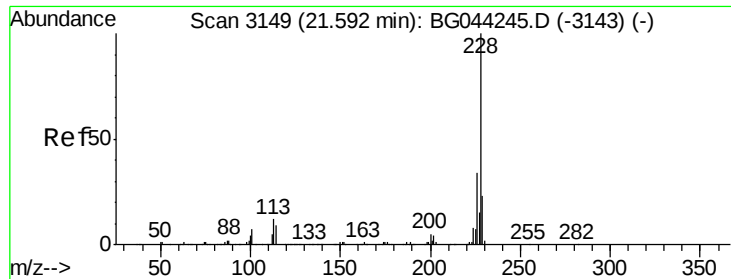
Tot Ion:228 Resp: 1394258
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 22.8 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 27.300 ng
RT: 21.44 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Tgt Ion:252 Resp: 288257
Ion Ratio Lower Upper
252 100
254 63.6 52.6 78.8
126 10.4 8.2 12.4





#83

Chrysene

Concen: 50.727 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

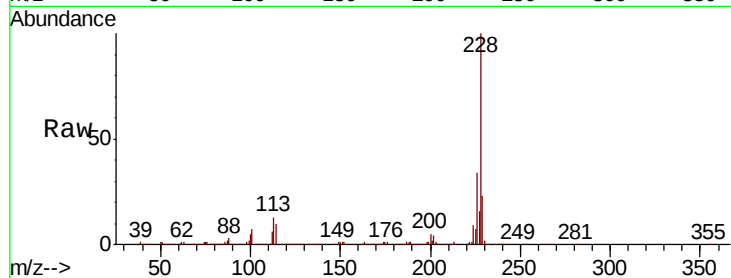
Tot Ion:228 Resp: 1333984

Ion Ratio Lower Upper

228 100

226 34.3 27.1 40.7

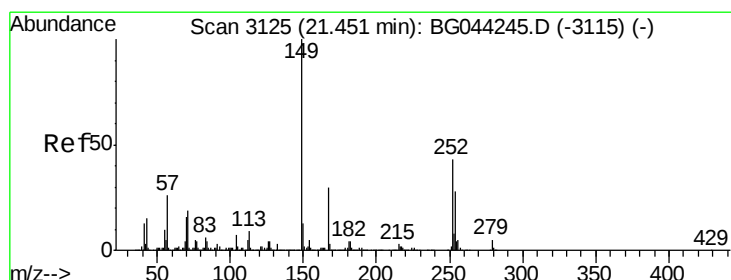
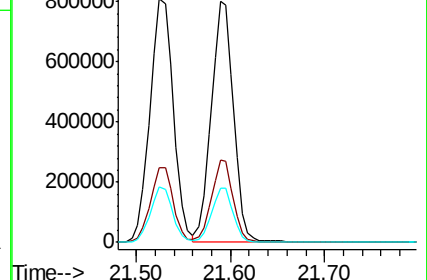
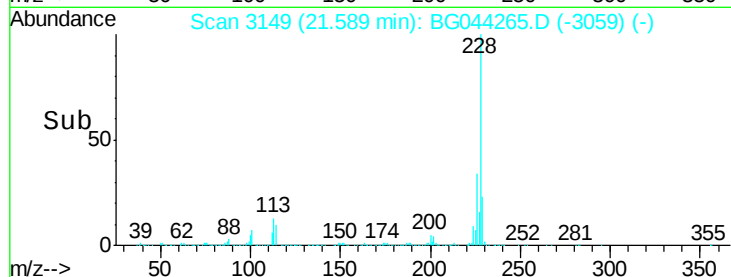
229 22.6 17.9 26.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.308 ng

RT: 21.45 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

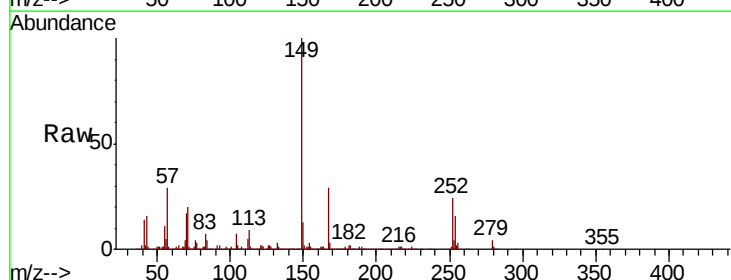
Tgt Ion:149 Resp: 930134

Ion Ratio Lower Upper

149 100

167 29.3 24.0 36.0

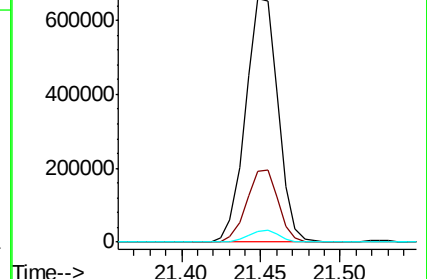
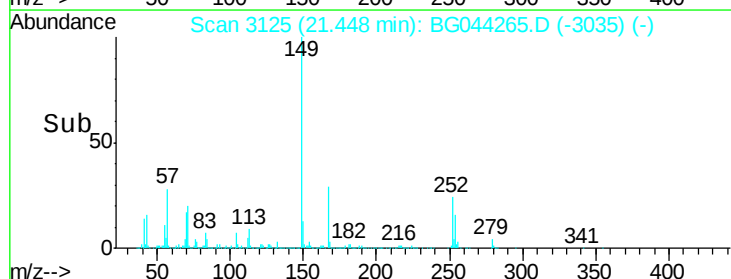
279 4.4 3.8 5.8

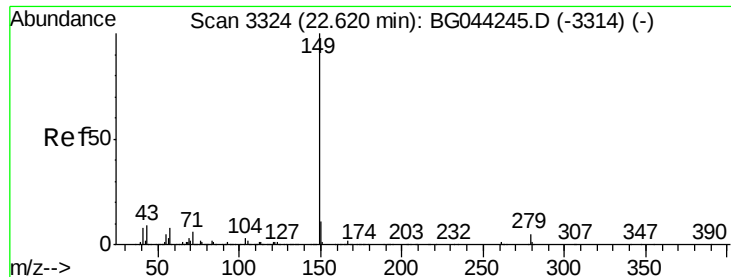


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.340 ng

RT: 22.62 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

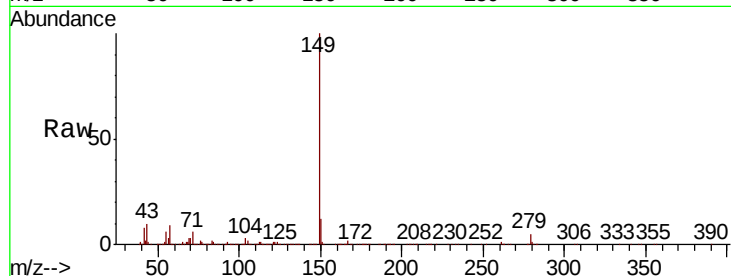
Tot Ion:149 Resp: 1610342

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

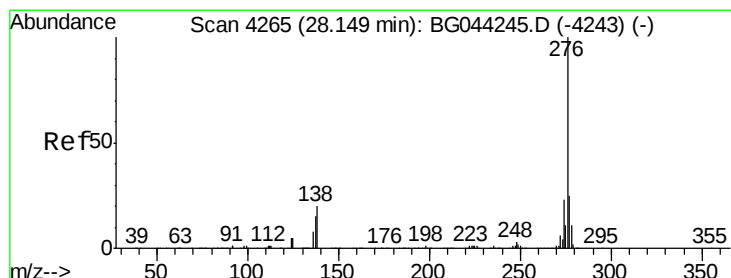
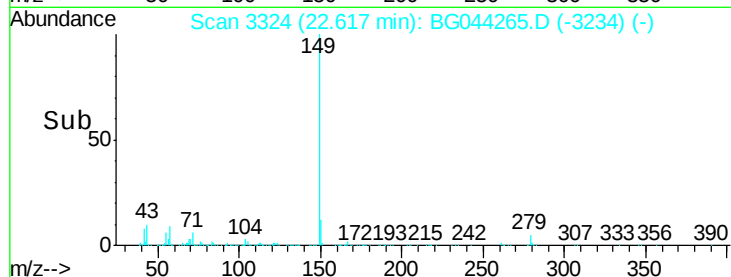
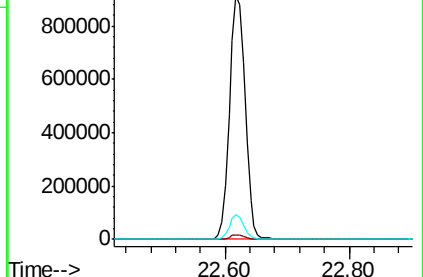
43 9.4 7.4 11.0



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.156 ng

RT: 28.15 min Scan# 4266

Delta R.T. 0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

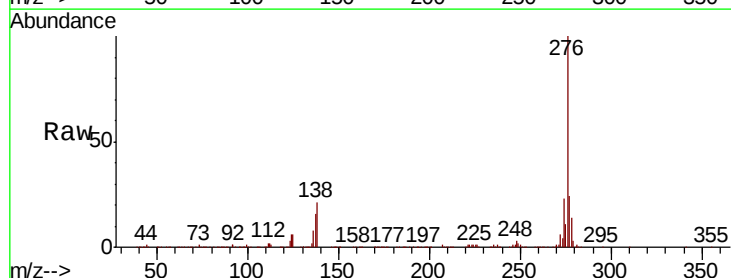
Tgt Ion:276 Resp: 1720793

Ion Ratio Lower Upper

276 100

138 24.9 19.4 29.0

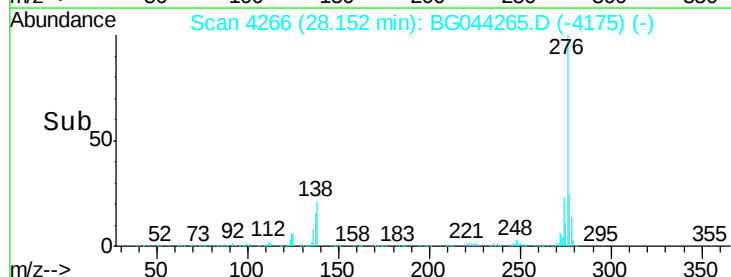
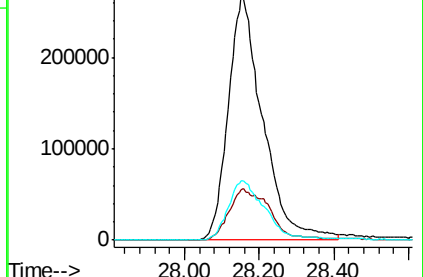
277 25.4 21.0 31.6

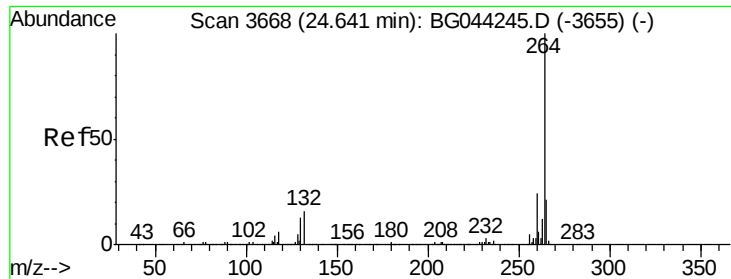


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3668

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

Instrument :

BNA_G

ClientSampled :

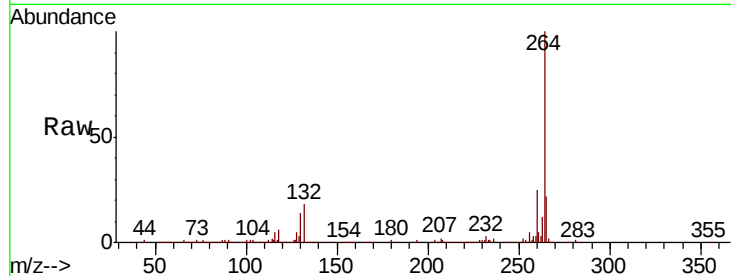
Tot Ion:264 Resp: 511080

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 22.0 16.7 25.1

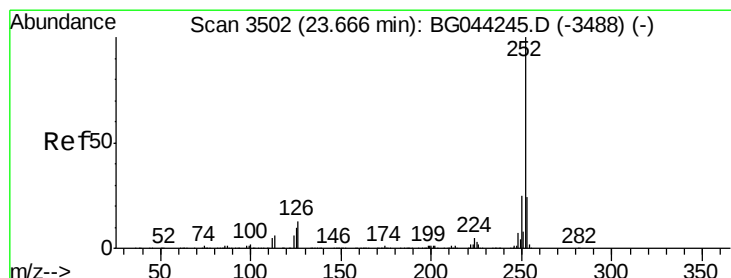
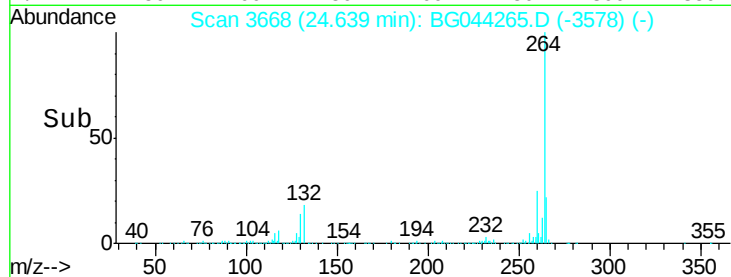
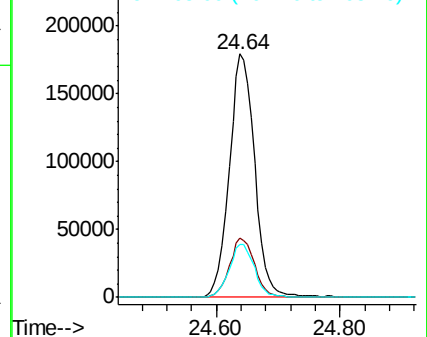


Abundance

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: 50.620 ng

RT: 23.67 min Scan# 3503

Delta R.T. 0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

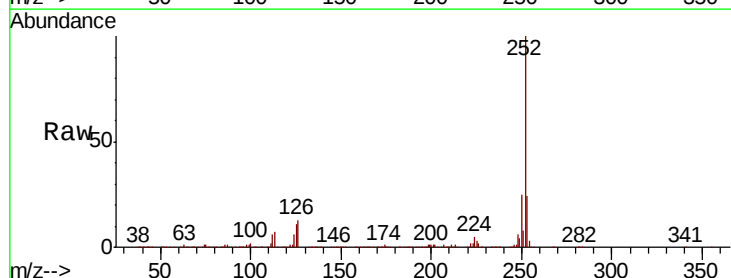
Tgt Ion:252 Resp: 1490774

Ion Ratio Lower Upper

252 100

253 24.5 19.2 28.8

125 10.7 8.4 12.6

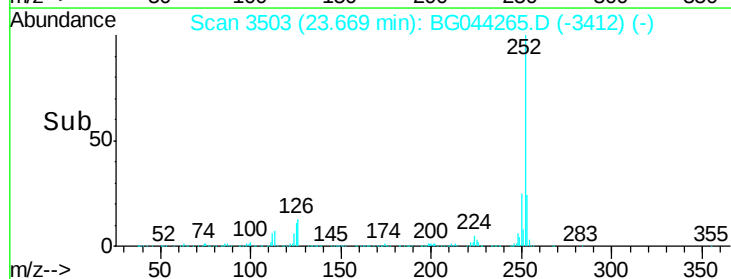
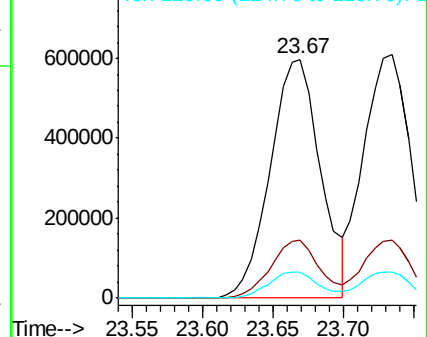


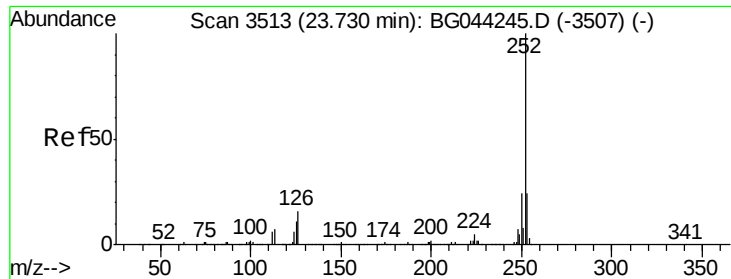
Abundance

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

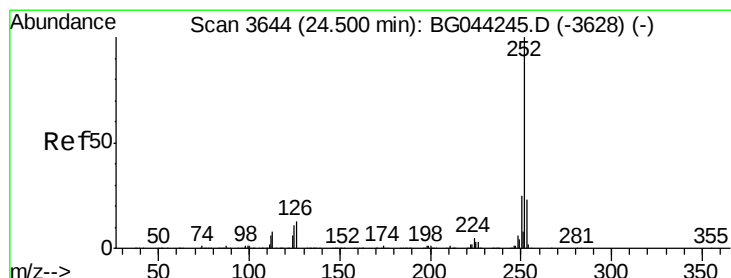
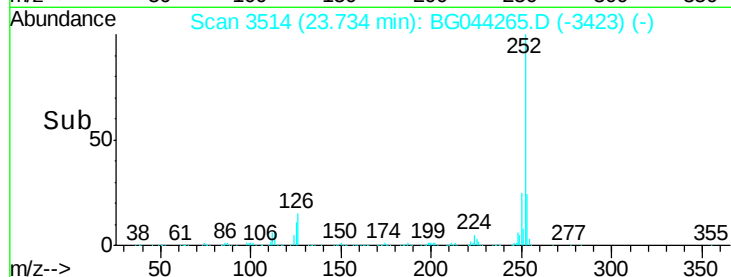
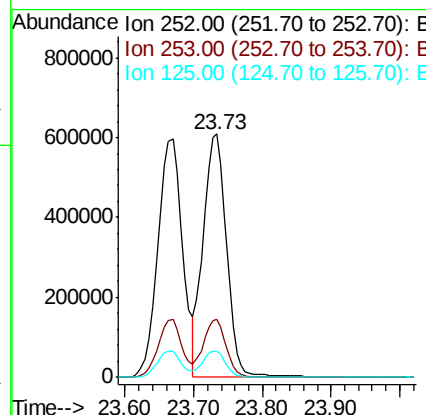
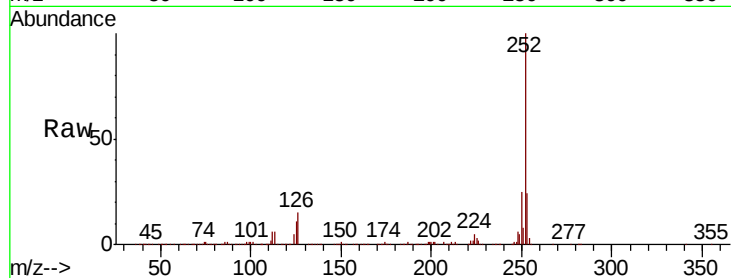




#89
Benzo(k)fluoranthene
Concen: 50.278 ng
RT: 23.73 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

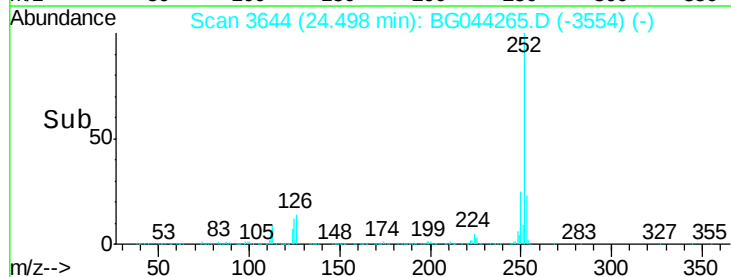
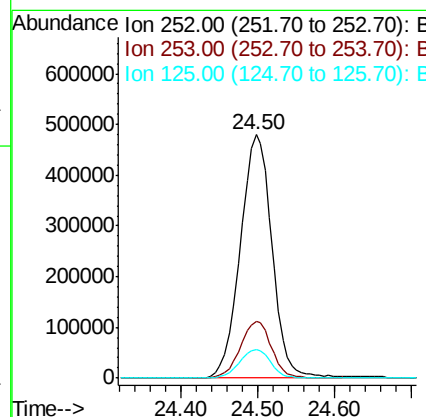
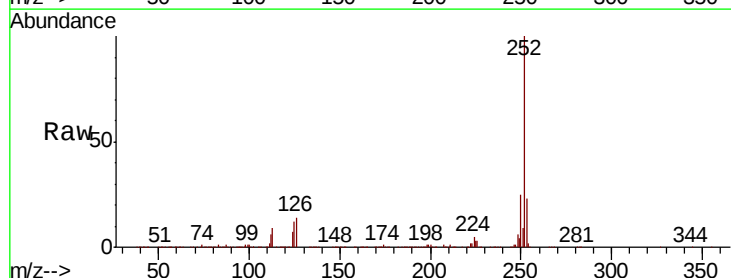
Instrument :
BNA_G
ClientSampleId :

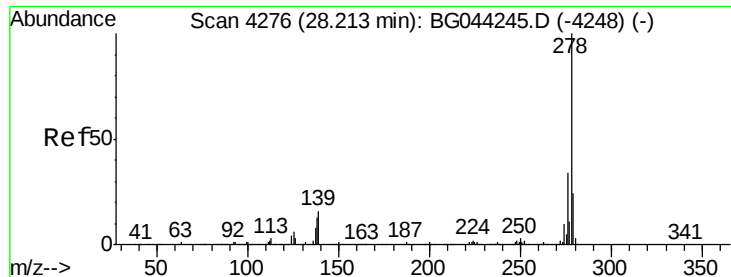
Tot Ion:252 Resp: 1443146
Ion Ratio Lower Upper
252 100
253 23.6 19.1 28.7
125 10.8 8.6 12.8



#90
Benzo(a)pyrene
Concen: 49.541 ng
RT: 24.50 min Scan# 3644
Delta R.T. -0.00 min
Lab File: BG044265.D
Acq: 31 Jan 2020 18:25

Tgt Ion:252 Resp: 1379462
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 11.7 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 52.663 ng

RT: 28.21 min Scan# 4276

Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

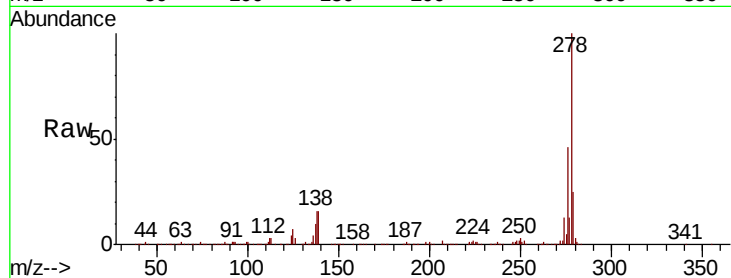
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1451246

Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.7	19.1
279	25.1	19.3	28.9

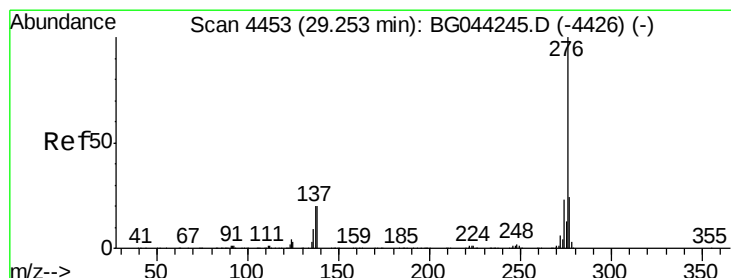
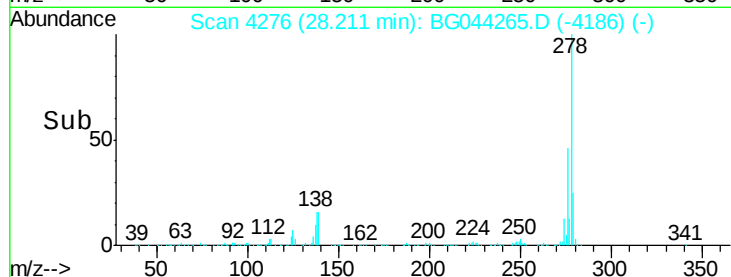
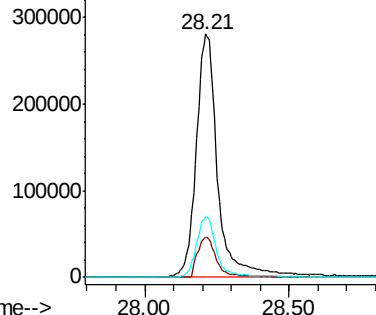


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.805 ng

RT: 29.25 min Scan# 4453

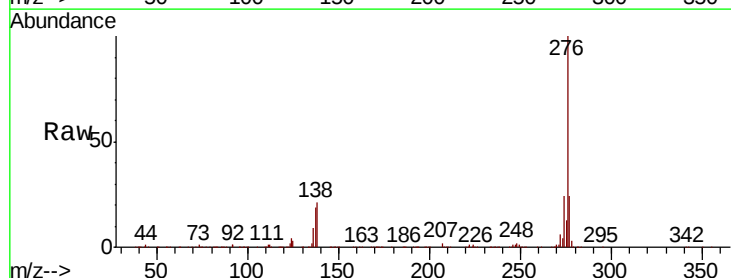
Delta R.T. -0.00 min

Lab File: BG044265.D

Acq: 31 Jan 2020 18:25

Tgt Ion:276 Resp: 1429128

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	20.8	16.2	24.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

