

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044304.D
 Acq On : 5 Feb 2020 14:49
 Operator : CG/JU
 Sample : PB126601BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 01:09:54 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	7.91	152	84644	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	380694	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	264142	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	608146	20.00	ng	0.00
76) Chrysene-d12	21.54	240	544142	20.00	ng	0.00
87) Perylene-d12	24.64	264	500371	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	608831	126.94	ng	0.00
7) Phenol-d6	7.09	99	825398	128.16	ng	0.00
23) Nitrobenzene-d5	9.07	82	499653	74.10	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	364026	117.39	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1164821	73.84	ng	0.00
79) Terphenyl-d14	19.91	244	1856813	70.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	77894	36.148	ng	99
3) Pyridine	3.77	79	188313	32.801	ng	98
4) n-Nitrosodimethylamine	3.68	42	99999	41.683	ng	99
6) Aniline	7.24	93	254664	31.856	ng	98
8) 2-Chlorophenol	7.48	128	265278	50.327	ng	98
9) Benzaldehyde	7.04	77	79496	21.672	ng	99
10) Phenol	7.11	94	329759	51.736	ng	99
11) bis(2-Chloroethyl)ether	7.33	93	237340	43.555	ng	98
12) 1,3-Dichlorobenzene	7.80	146	257751	40.955	ng	97
13) 1,4-Dichlorobenzene	7.95	146	261384	41.934	ng	99
14) 1,2-Dichlorobenzene	8.27	146	246551	41.847	ng	99
15) Benzyl Alcohol	8.15	79	220752	48.414	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	304991	41.352	ng	99
17) 2-Methylphenol	8.37	107	231225	50.845	ng	98
18) Hexachloroethane	9.00	117	95684	40.907	ng	100
19) n-Nitroso-di-n-propylamine	8.72	70	188461	43.907	ng	97
20) 3+4-Methylphenols	8.69	107	319520	50.981	ng	98
22) Acetophenone	8.74	105	356967	38.545	ng	# 98
24) Nitrobenzene	9.11	77	272424	41.383	ng	99
25) Isophorone	9.64	82	525295	41.795	ng	99
26) 2-Nitrophenol	9.83	139	152936	44.773	ng	99
27) 2,4-Dimethylphenol	9.89	122	256857	53.270	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	333373	39.761	ng	99
29) 2,4-Dichlorophenol	10.37	162	273957	46.988	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	262477	39.261	ng	98
31) Naphthalene	10.77	128	766838	41.518	ng	99
32) Benzoic acid	10.05	122	123710	41.622	ng	91
33) 4-Chloroaniline	10.87	127	201225	23.955	ng	99
34) Hexachlorobutadiene	11.06	225	147905	35.954	ng	99
35) Caprolactam	11.64	113	69454	32.519	ng	93
36) 4-Chloro-3-methylphenol	12.01	107	295761	48.383	ng	99
37) 2-Methylnaphthalene	12.38	142	587698	42.855	ng	99
38) 1-Methylnaphthalene	12.60	142	557551	43.124	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	289284	36.612	ng	99

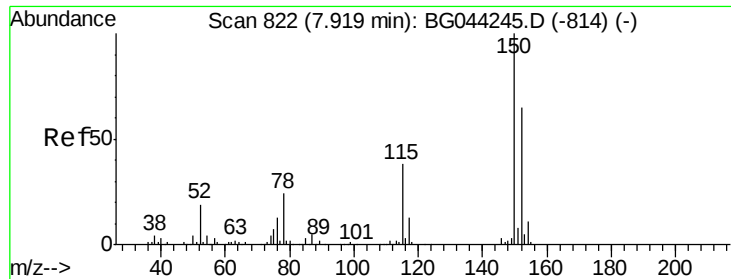
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044304.D
 Acq On : 5 Feb 2020 14:49
 Operator : CG/JU
 Sample : PB126601BSD
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Instrument :
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Quant Time: Feb 06 01:09:54 2020
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 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	12.74	237	266663	70.335	ng	100
43) 2,4,6-Trichlorophenol	12.99	196	223850	43.830	ng	99
44) 2,4,5-Trichlorophenol	13.06	196	241696	46.333	ng	100
46) 1,1'-Biphenyl	13.39	154	753224	39.533	ng	98
47) 2-Chloronaphthalene	13.43	162	588556	38.820	ng	99
48) 2-Nitroaniline	13.62	65	188353	42.096	ng	98
49) Acenaphthylene	14.28	152	946577	42.567	ng	100
50) Dimethylphthalate	14.01	163	781839	41.177	ng	99
51) 2,6-Dinitrotoluene	14.12	165	182470	43.101	ng	98
52) Acenaphthene	14.62	154	592882	41.133	ng	98
53) 3-Nitroaniline	14.45	138	140402	29.976	ng	99
54) 2,4-Dinitrophenol	14.66	184	219627	86.832	ng	98
55) Dibenzofuran	14.95	168	923364	42.311	ng	100
56) 4-Nitrophenol	14.78	139	346664	101.042	ng	100
57) 2,4-Dinitrotoluene	14.92	165	258697	43.599	ng	97
58) Fluorene	15.60	166	737183	42.888	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	220628	46.824	ng	100
60) Diethylphthalate	15.38	149	791673	41.845	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	384797	41.288	ng	99
62) 4-Nitroaniline	15.62	138	190089	40.616	ng	97
63) Azobenzene	15.89	77	711787	42.926	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	161296	48.048	ng	98
66) n-Nitrosodiphenylamine	15.81	169	703222	41.262	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	259296	39.135	ng	99
68) Hexachlorobenzene	16.62	284	283544	38.198	ng	99
69) Atrazine	16.76	200	265053	45.374	ng	99
70) Pentachlorophenol	16.96	266	321492	85.425	ng	98
71) Phenanthrene	17.34	178	1200856	40.778	ng	99
72) Anthracene	17.43	178	1225829	42.104	ng	99
73) Carbazole	17.70	167	1129855	42.096	ng	100
74) Di-n-butylphthalate	18.27	149	1362628	41.082	ng	99
75) Fluoranthene	19.35	202	1407963	41.330	ng	98
77) Benzidine	19.53	184	293556	19.450	ng	97
78) Pyrene	19.71	202	1425072	40.780	ng	99
80) Butylbenzylphthalate	20.60	149	642279	40.332	ng	99
81) Benzo(a)anthracene	21.53	228	1377502	41.075	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	441781	33.942	ng	99
83) Chrysene	21.59	228	1315942	40.596	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	893552	40.766	ng	100
85) Di-n-octyl phthalate	22.62	149	1572432	41.461	ng	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1701663	40.237	ng	100
88) Benzo(b)fluoranthene	23.67	252	1498853	51.984	ng	100
89) Benzo(k)fluoranthene	23.73	252	1411245	50.219	ng	99
90) Benzo(a)pyrene	24.50	252	1343799	49.293	ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1418801	52.588	ng	99
92) Benzo(g,h,i)perylene	29.25	276	1430753	52.974	ng	99

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

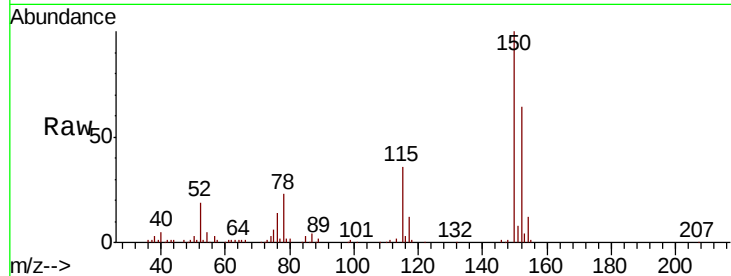


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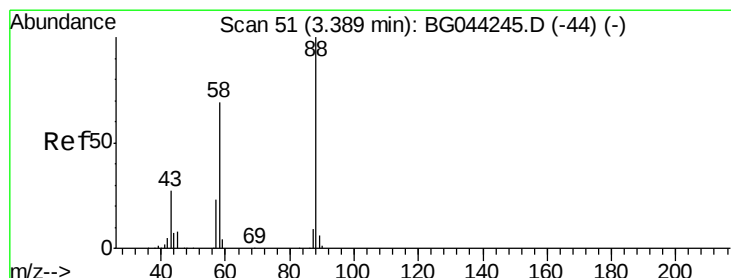
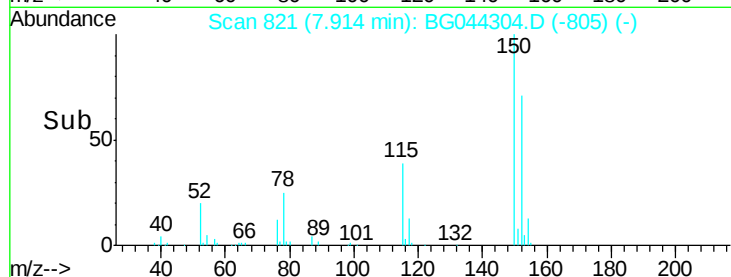
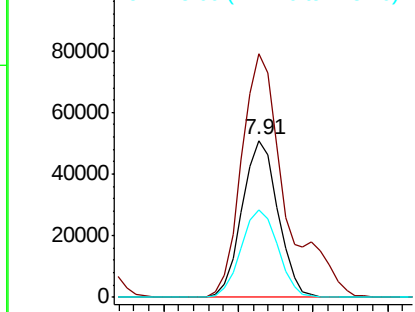
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 84644
Ion Ratio Lower Upper
152 100
150 155.1 122.6 183.8
115 55.8 46.0 69.0



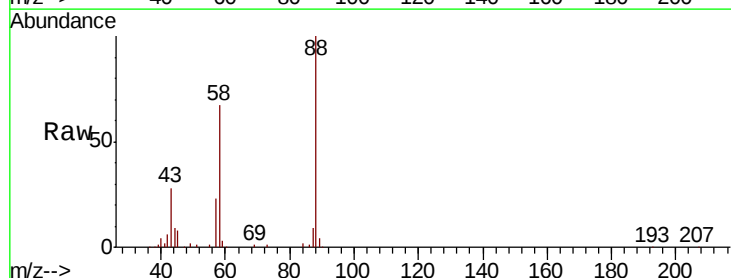
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



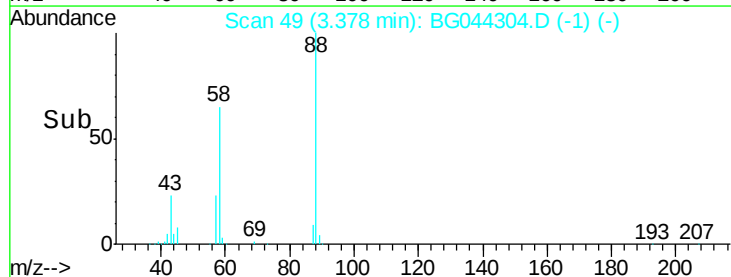
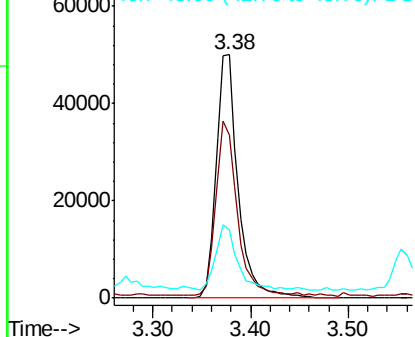
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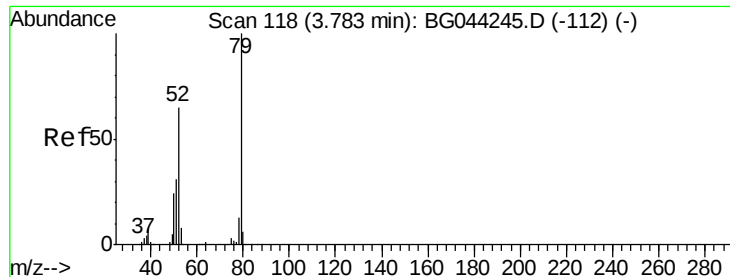
1,4-Dioxane
Concen: 36.148 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion: 88 Resp: 77894
Ion Ratio Lower Upper
88 100
58 70.2 55.8 83.6
43 26.3 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: 32.801 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

ClientSampleId :

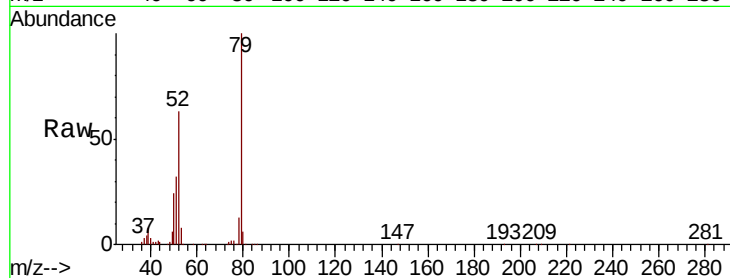
Tot Ion: 79 Resp: 188313

Ion Ratio Lower Upper

79 100

52 63.1 51.9 77.9

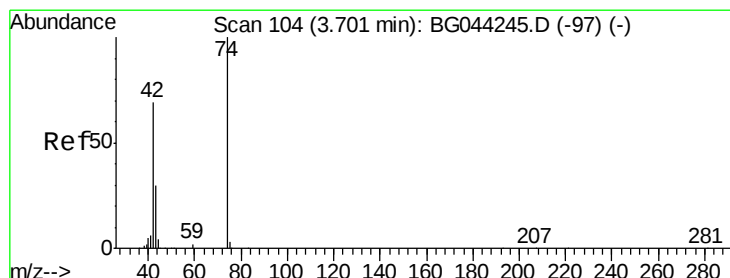
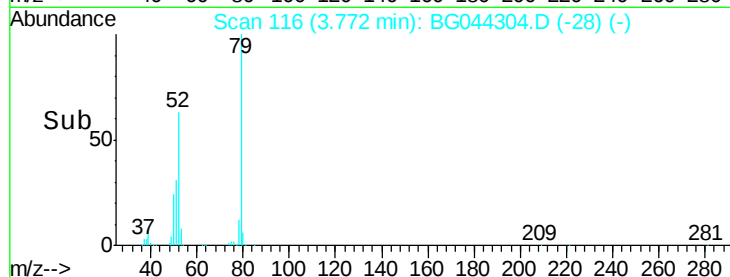
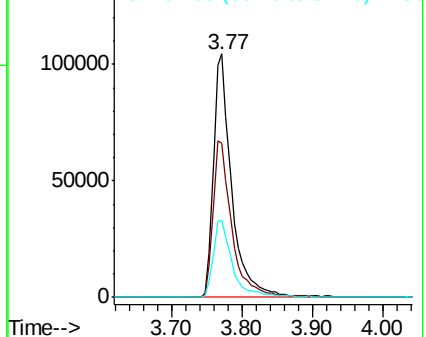
51 31.7 25.3 37.9



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: 41.683 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

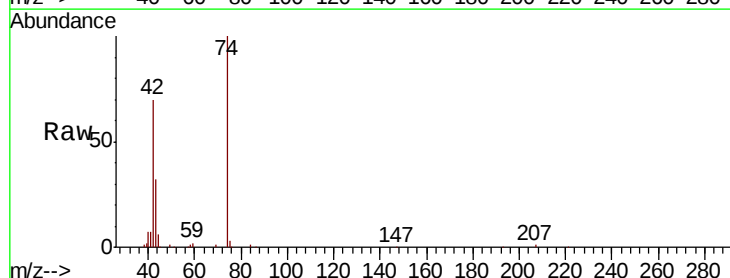
Tgt Ion: 42 Resp: 99999

Ion Ratio Lower Upper

42 100

74 143.0 115.1 172.7

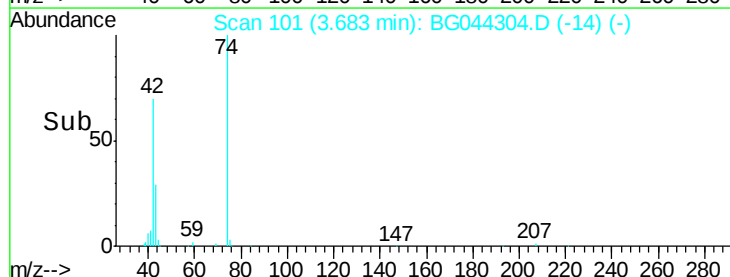
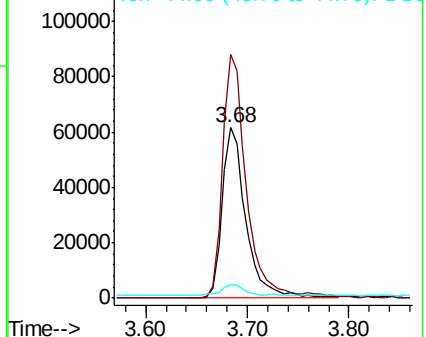
44 8.1 5.6 8.4

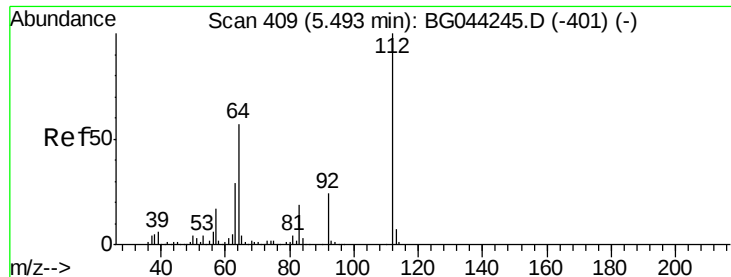


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 126.942 ng

RT: 5.49 min Scan# 409

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

ClientSampleId :

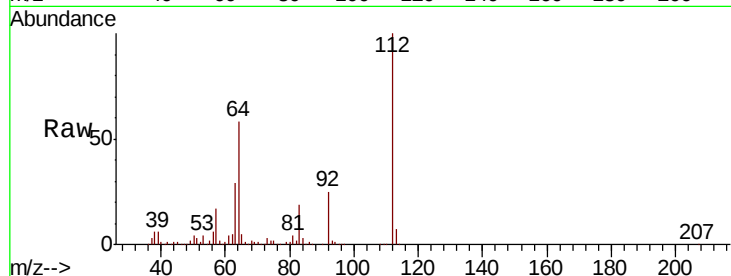
Tot Ion:112 Resp: 608831

Ion Ratio Lower Upper

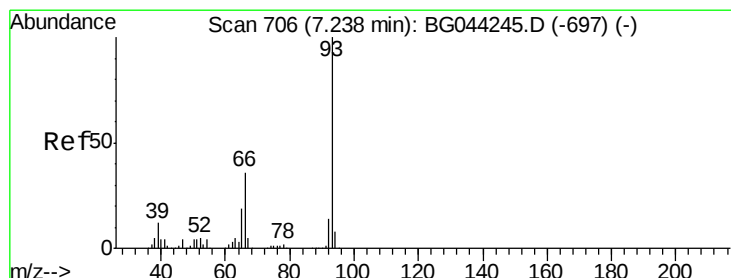
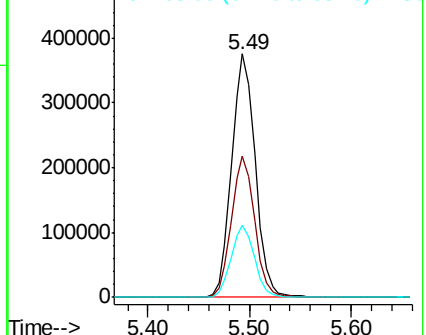
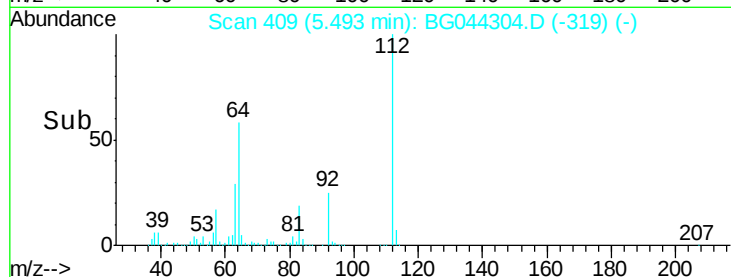
112 100

64 57.8 45.4 68.2

63 29.5 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: 31.856 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

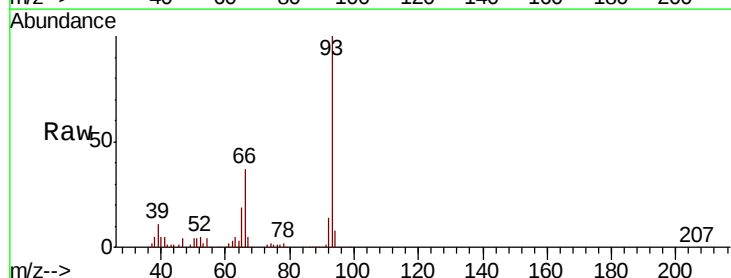
Tgt Ion: 93 Resp: 254664

Ion Ratio Lower Upper

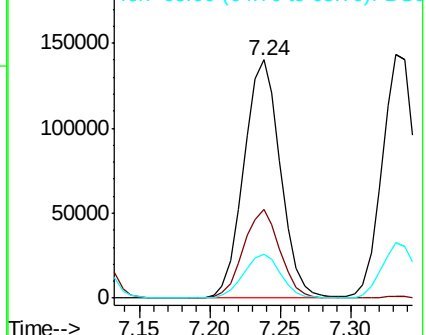
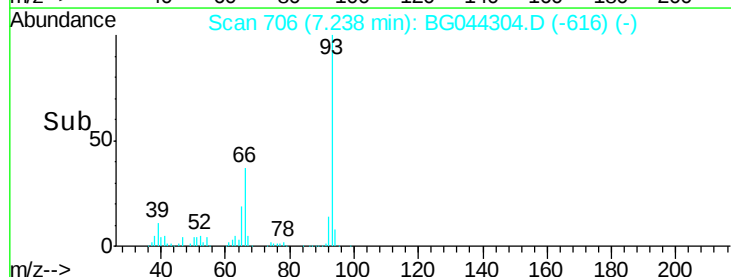
93 100

66 37.3 28.7 43.1

65 18.6 15.4 23.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.158 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.01 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

ClientSampleId :

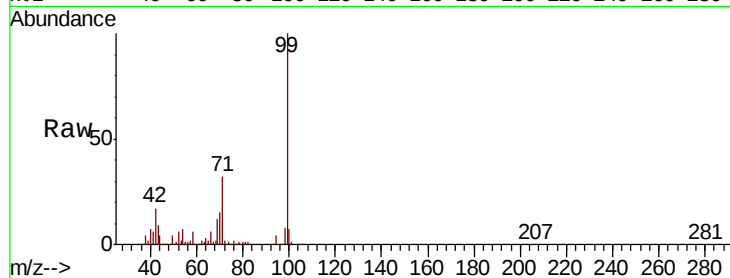
Tot Ion: 99 Resp: 825398

Ion Ratio Lower Upper

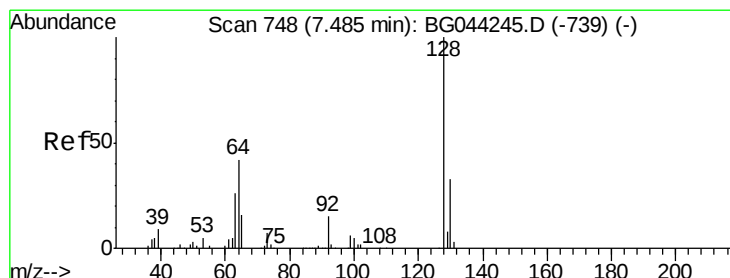
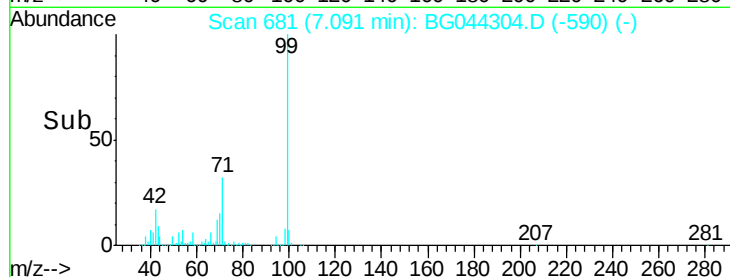
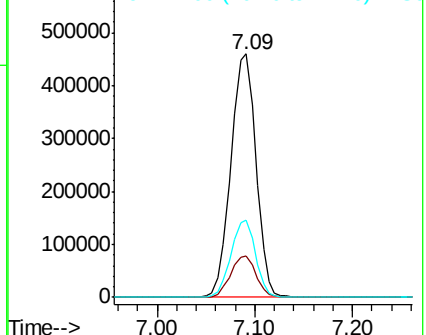
99 100

42 17.0 13.8 20.6

71 31.6 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: 50.327 ng

RT: 7.48 min Scan# 748

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

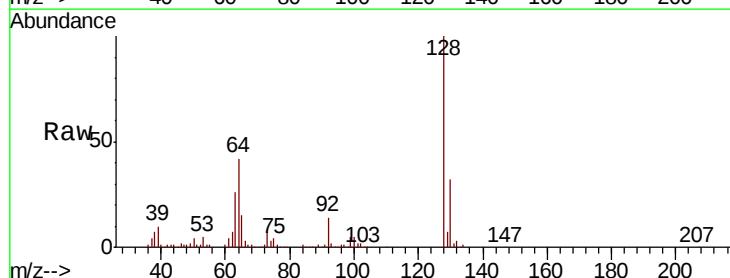
Tgt Ion: 128 Resp: 265278

Ion Ratio Lower Upper

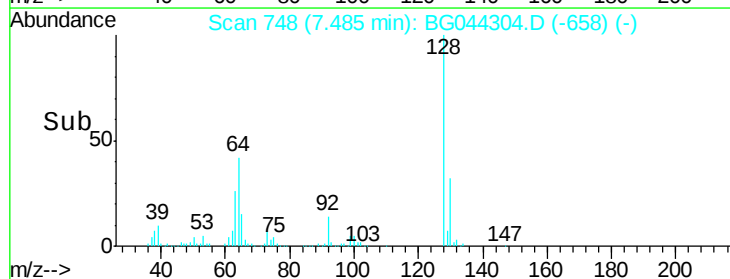
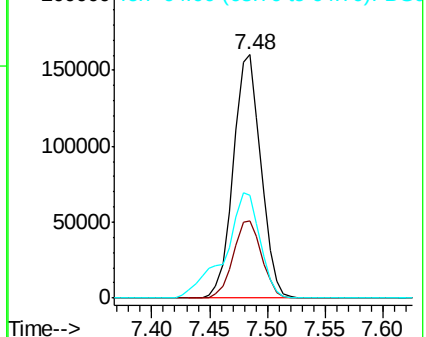
128 100

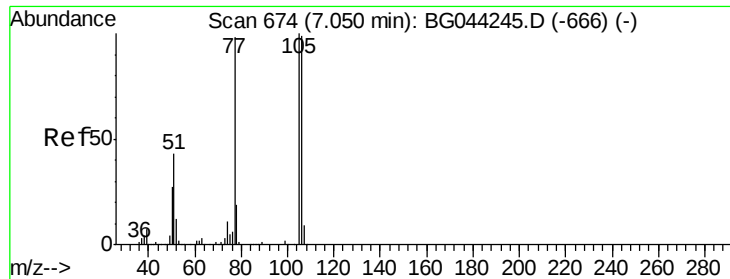
130 31.9 12.5 52.5

64 42.2 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: 21.672 ng

RT: 7.04 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

ClientSampleId :

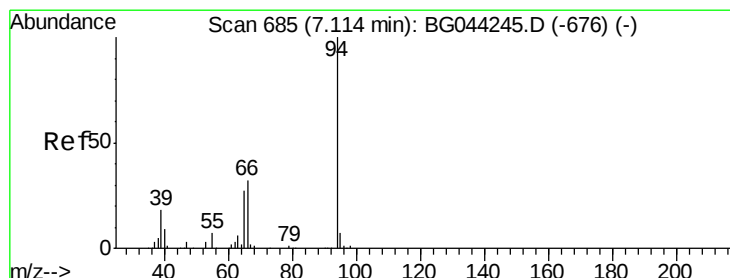
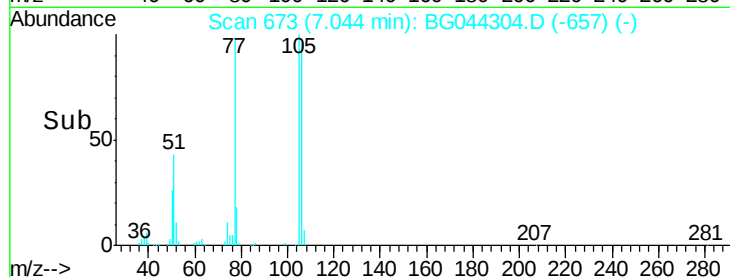
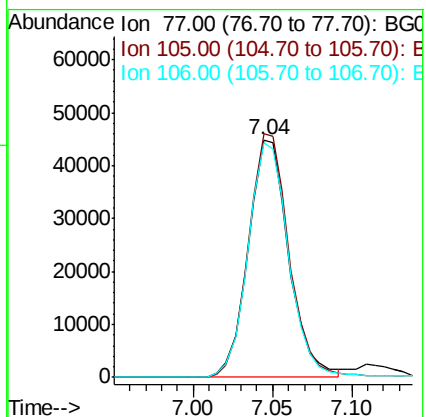
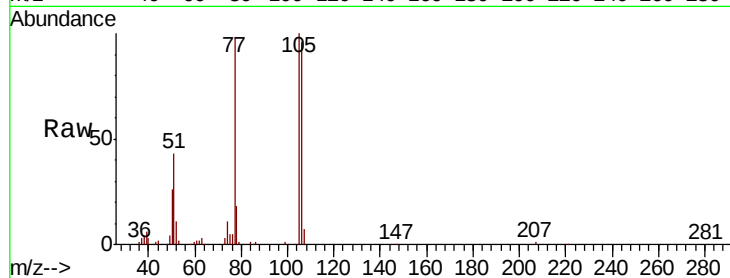
Tot Ion: 77 Resp: 79496

Ion Ratio Lower Upper

77 100

105 102.5 82.0 122.0

106 98.8 80.7 120.7



#10

Phenol

Concen: 51.736 ng

RT: 7.11 min Scan# 685

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

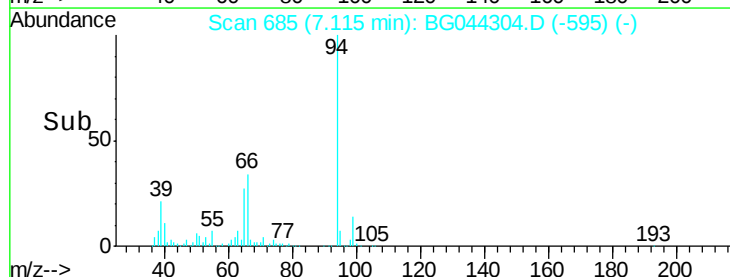
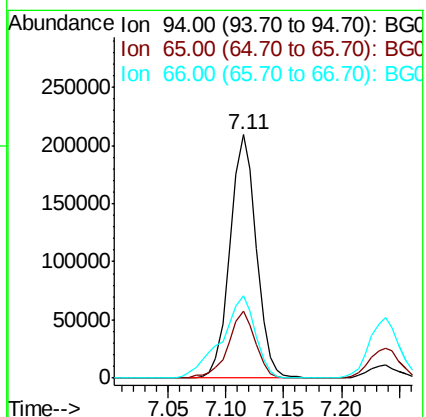
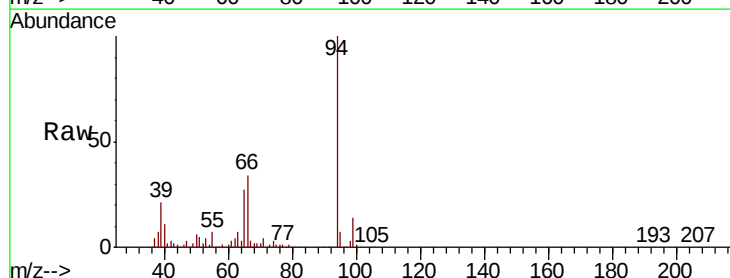
Tgt Ion: 94 Resp: 329759

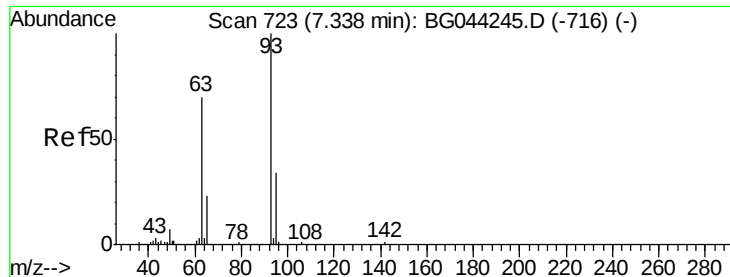
Ion Ratio Lower Upper

94 100

65 27.5 7.0 47.0

66 33.6 12.7 52.7





#11

bis(2-Chloroethyl)ether

Concen: 43.555 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

ClientSampleId :

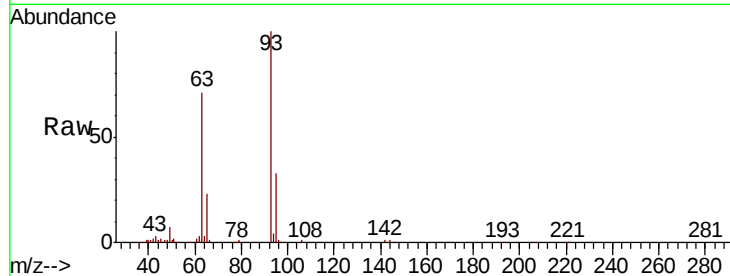
Tot Ion: 93 Resp: 237340

Ion Ratio Lower Upper

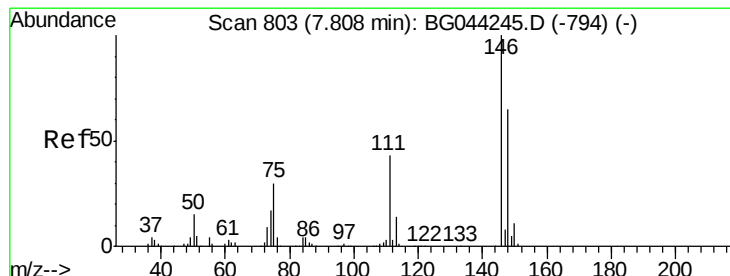
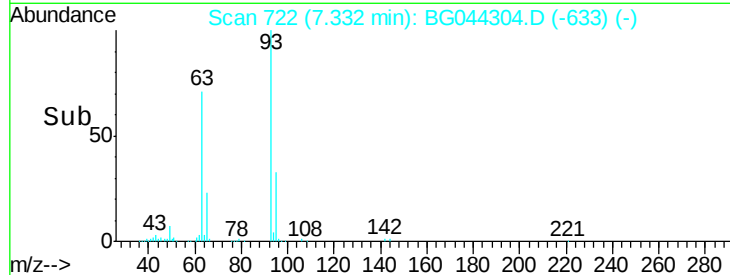
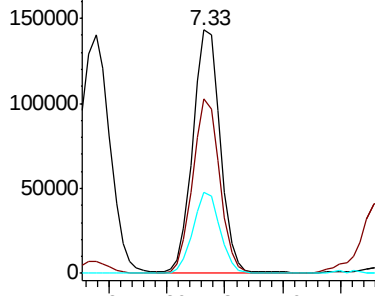
93 100

63 71.4 49.2 89.2

95 33.4 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: 40.955 ng

RT: 7.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

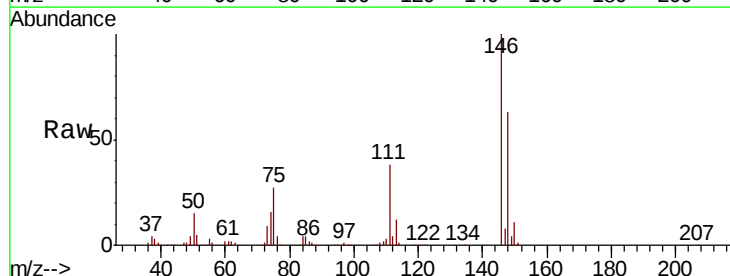
Tgt Ion: 146 Resp: 257751

Ion Ratio Lower Upper

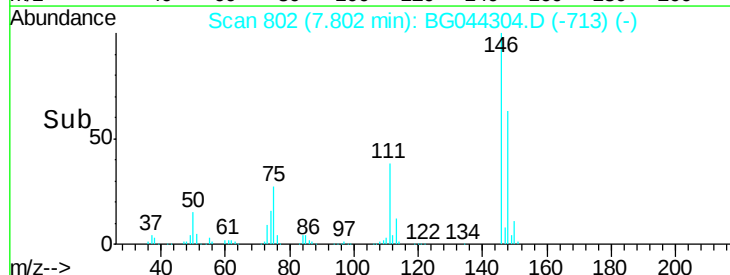
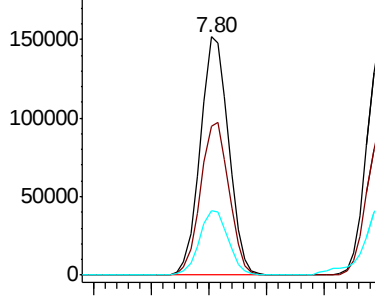
146 100

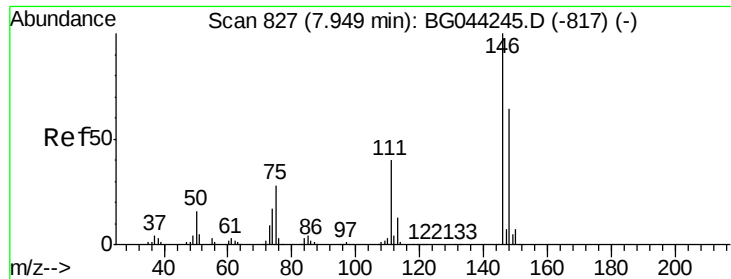
148 62.7 51.8 77.8

75 27.2 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

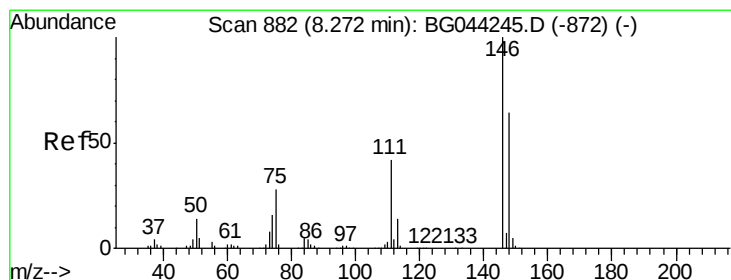
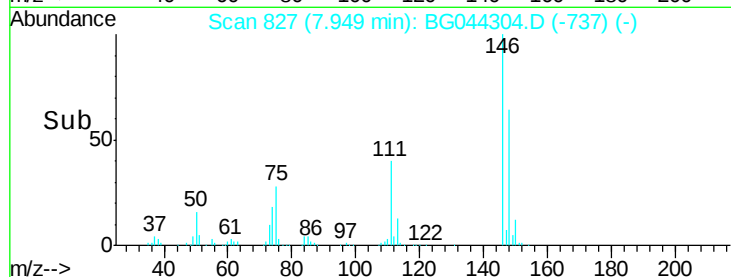
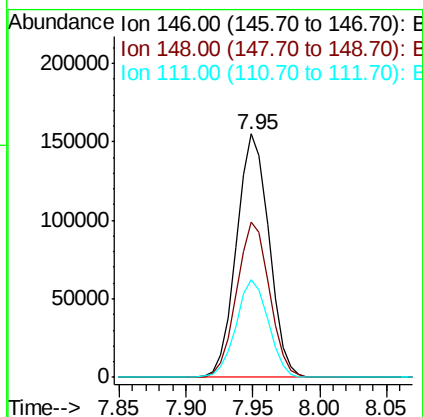
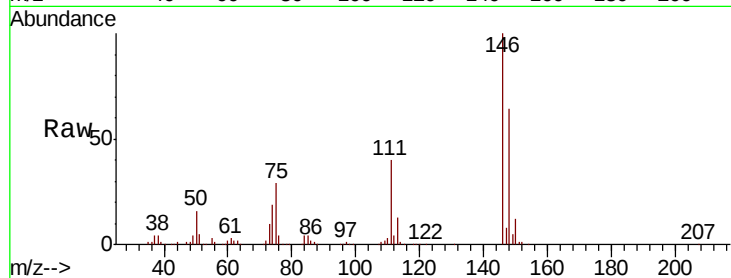




#13
 1,4-Dichlorobenzene
 Concen: 41.934 ng
 RT: 7.95 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

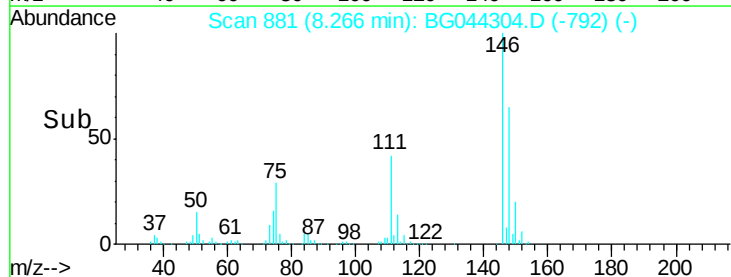
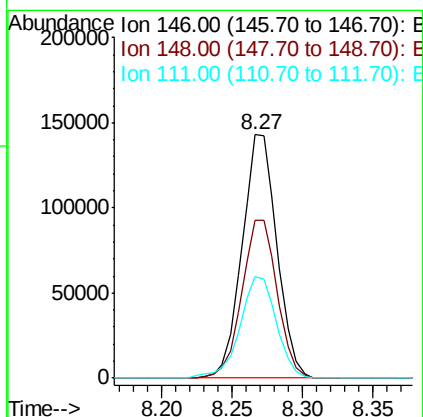
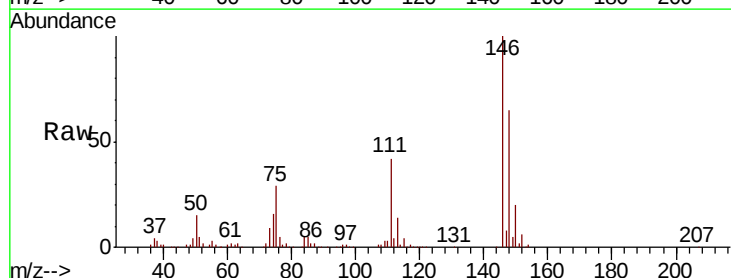
Instrument :
 BNA_G
 ClientSampleId :

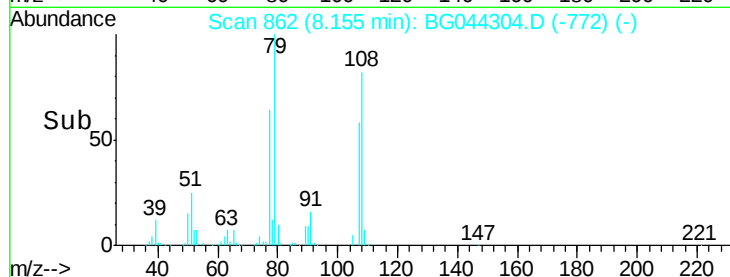
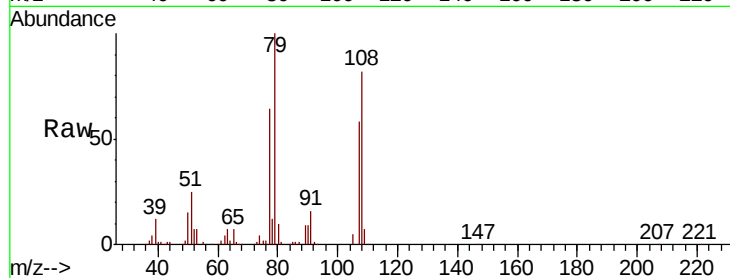
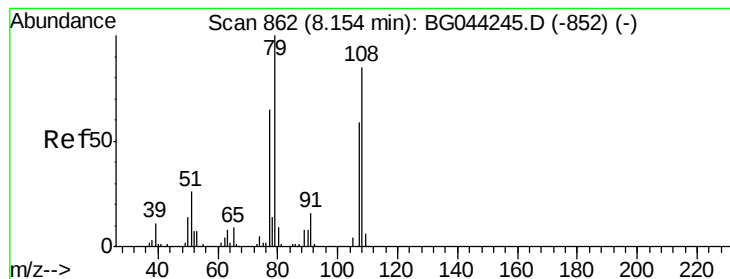
Tot Ion:146 Resp: 261384
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.4 77.0
 111 40.4 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 41.847 ng
 RT: 8.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Tgt Ion:146 Resp: 246551
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.2 76.8
 111 41.6 34.0 51.0





#15

Benzyl Alcohol

Concen: 48.414 ng

RT: 8.15 min Scan# 862

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

ClientSampled :

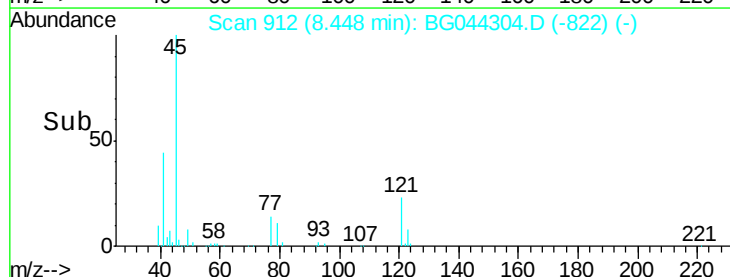
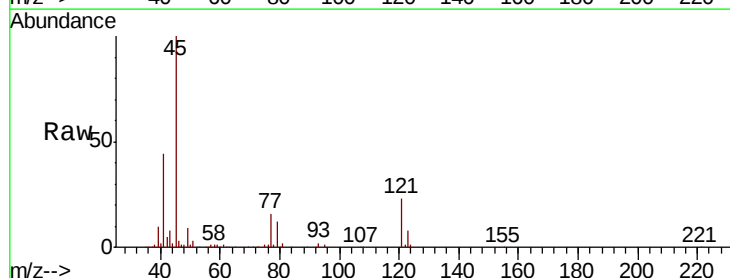
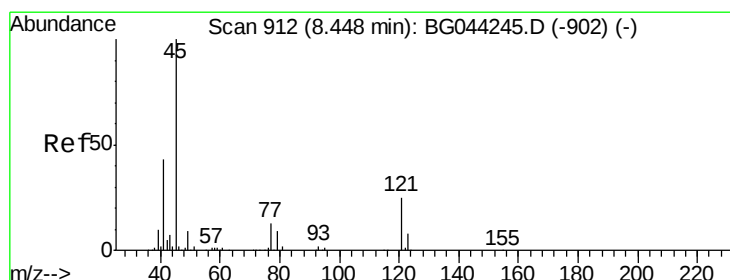
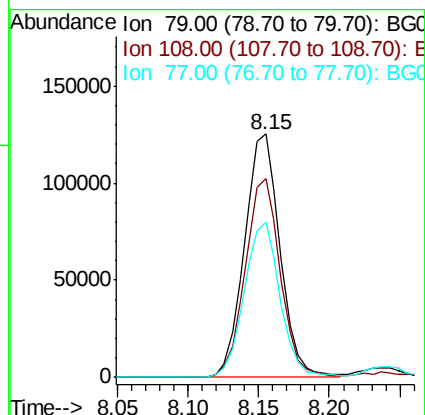
Tot Ion: 79 Resp: 220752

Ion Ratio Lower Upper

79 100

108 81.6 68.3 102.5

77 63.7 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.352 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

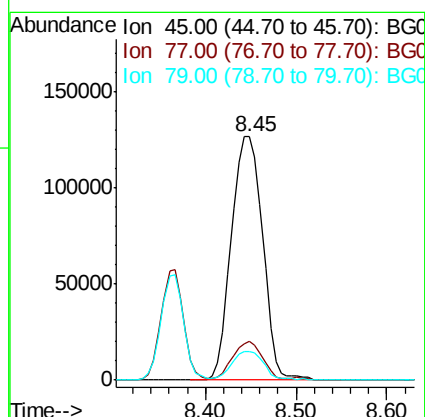
Tgt Ion: 45 Resp: 304991

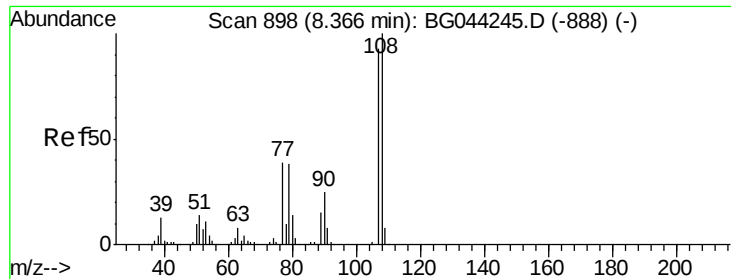
Ion Ratio Lower Upper

45 100

77 15.7 0.0 35.2

79 11.8 0.0 31.1

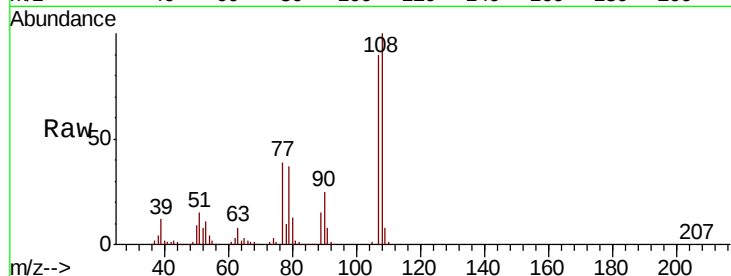




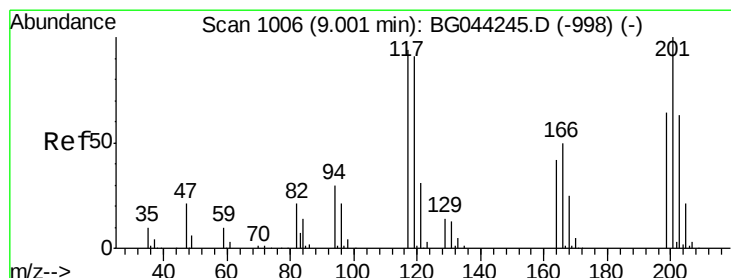
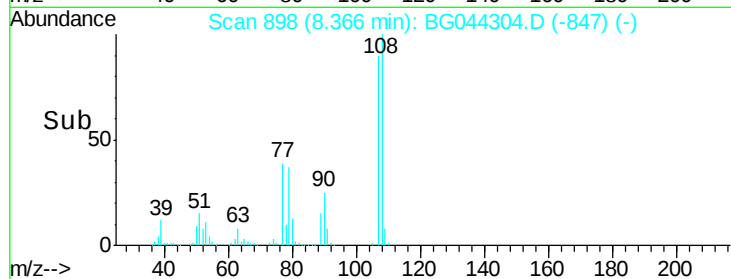
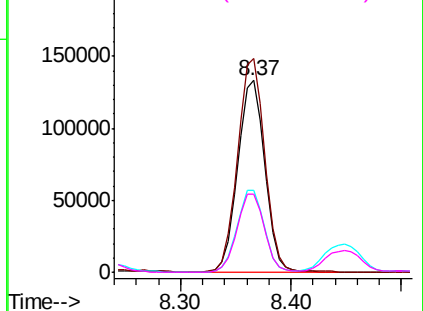
#17
2-Methylphenol
Concen: 50.845 ng
RT: 8.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	231225
Ion	Ratio	Lower	Upper
107	100		
108	111.6	86.4	129.6
77	43.1	34.0	51.0
79	41.0	32.9	49.3

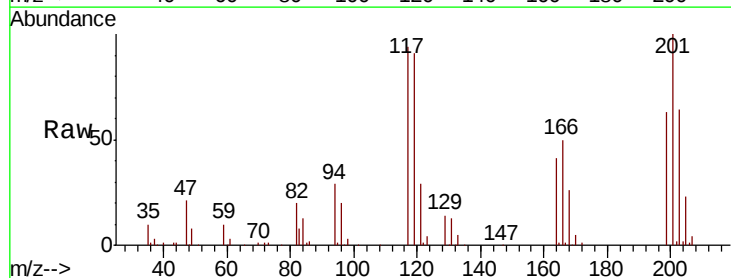


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

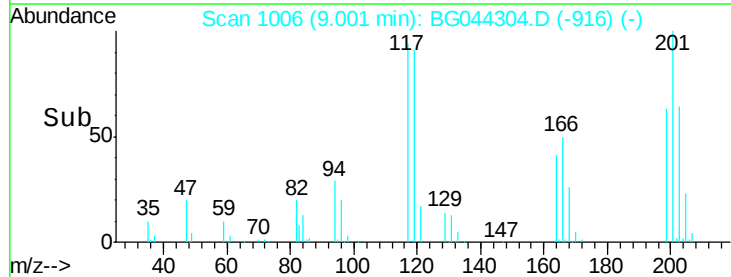
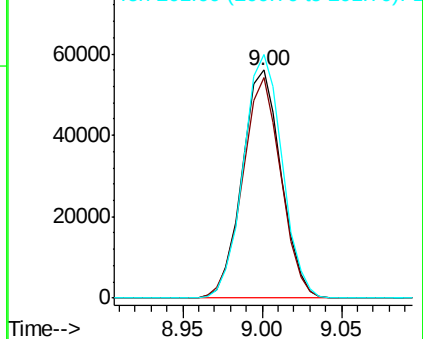


#18
Hexachloroethane
Concen: 40.907 ng
RT: 9.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion:	117	Resp:	95684
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.5	116.3
201	106.8	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

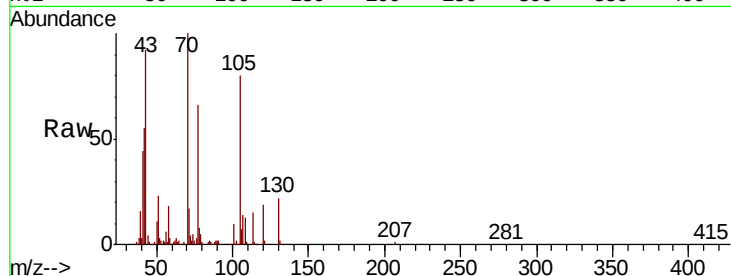




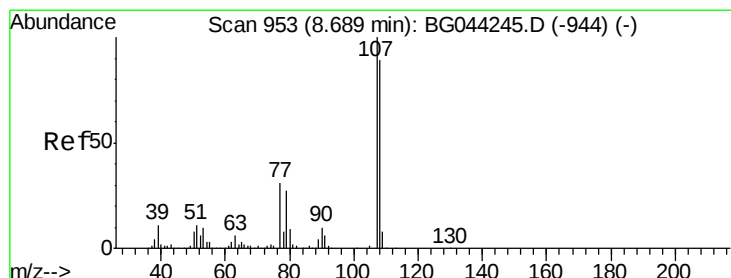
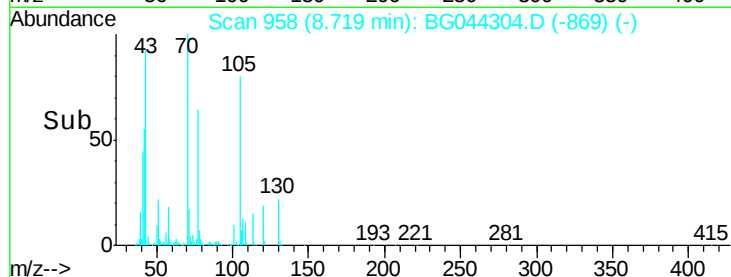
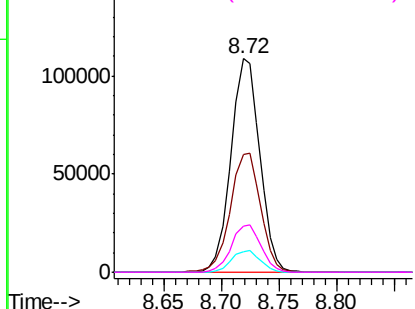
#19
n-Nitroso-di-n-propylamine
Concen: 43.907 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	188461
Ion	Ratio	Lower	Upper
70	100		
42	54.9	46.2	69.2
101	9.5	8.4	12.6
130	21.6	17.8	26.8

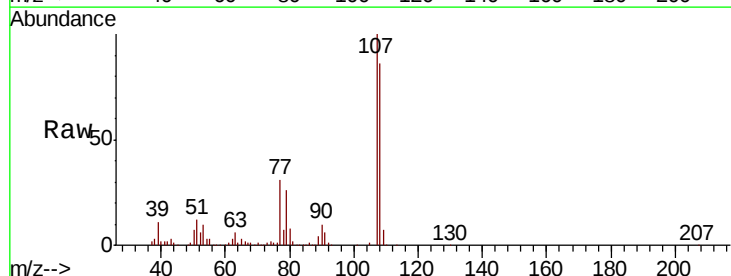


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

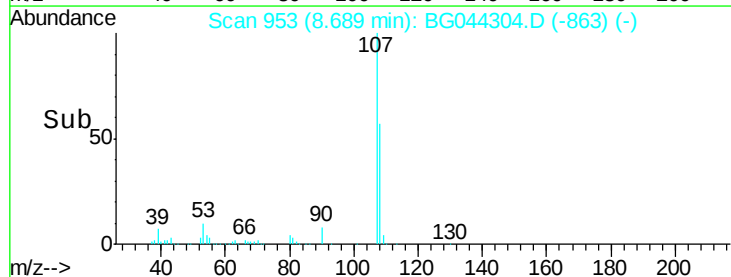
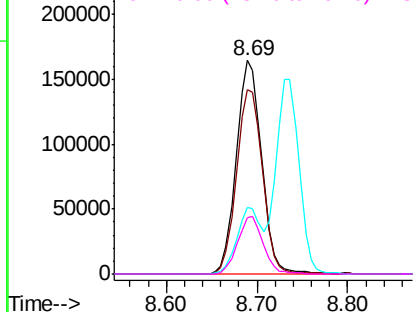


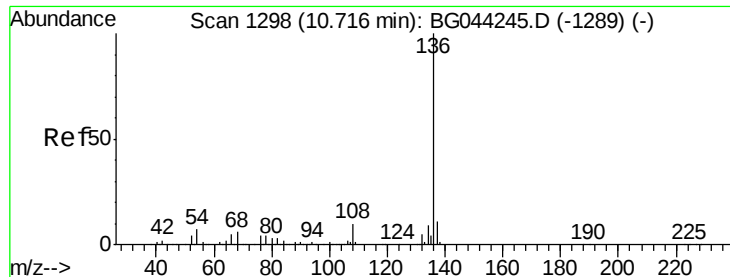
#20
3+4-Methylphenols
Concen: 50.981 ng
RT: 8.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion:	107	Resp:	319520
Ion	Ratio	Lower	Upper
107	100		
108	86.4	68.5	108.5
77	31.0	10.9	50.9
79	26.3	7.1	47.1



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 380694

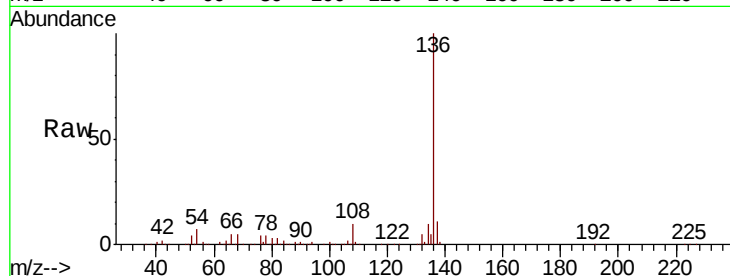
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.3 5.8 8.8

68 5.4 4.6 6.8

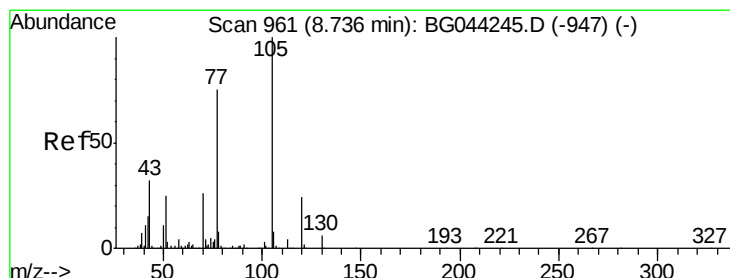
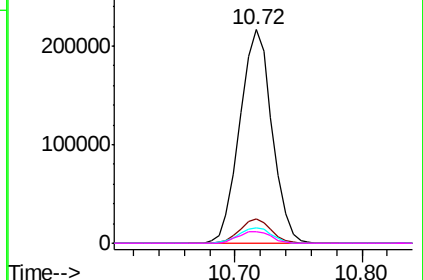
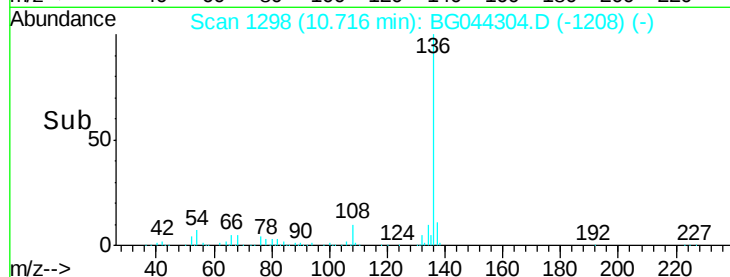


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.545 ng

RT: 8.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Tgt Ion:105 Resp: 356967

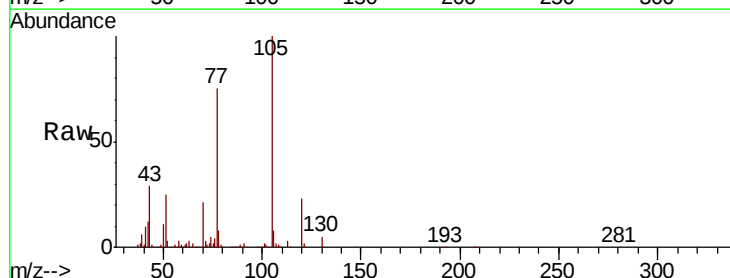
Ion Ratio Lower Upper

105 100

71 3.3 3.4 5.0#

51 24.5 20.2 30.4

120 23.0 19.1 28.7

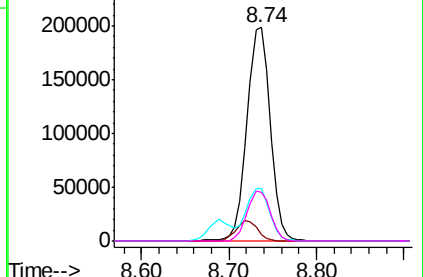
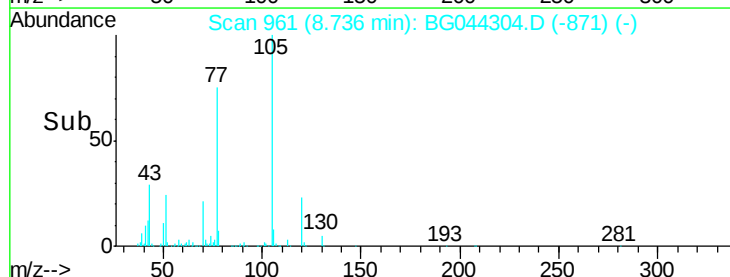


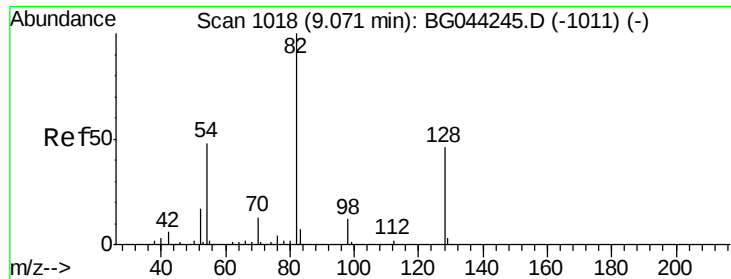
Abundance Ion 105.00 (104.70 to 105.70): E

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

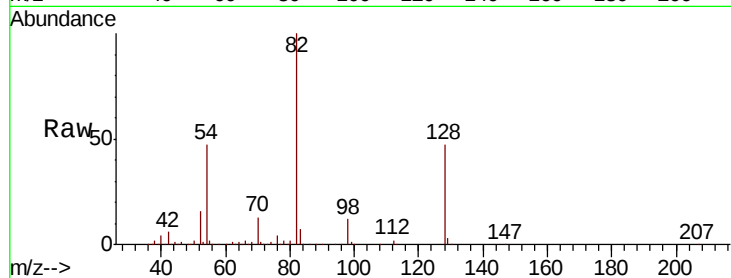




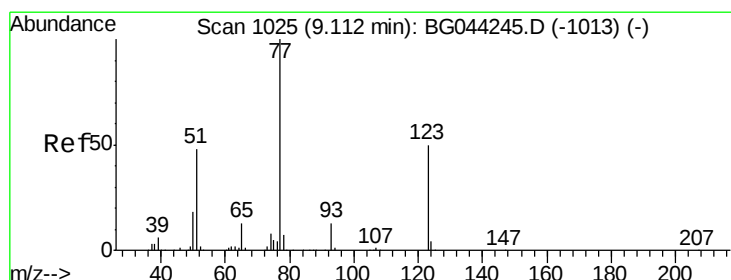
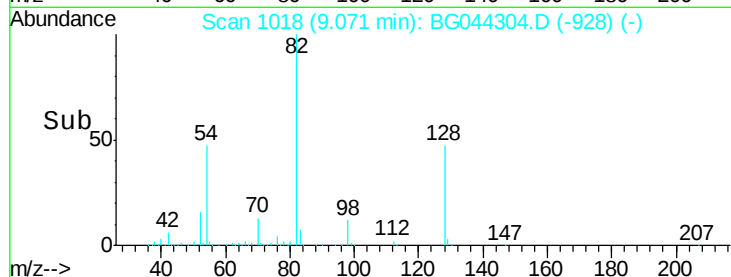
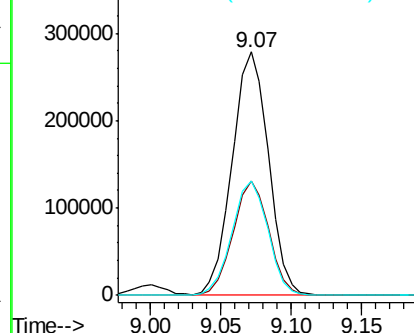
#23
 Nitrobenzene-d5
 Concen: 74.098 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	499653
Ion Ratio	Lower	Upper	
82	100		
128	47.2	36.5	54.7
54	47.1	38.6	58.0

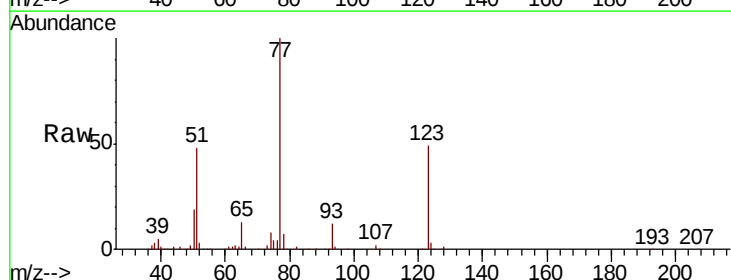


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

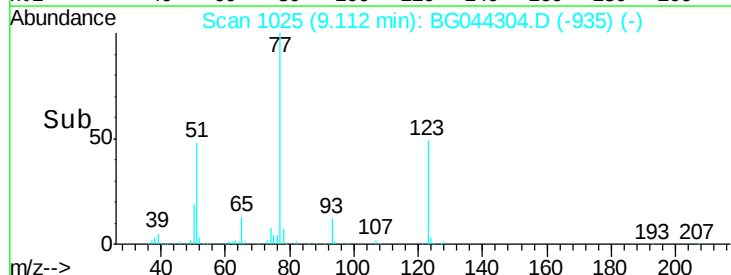
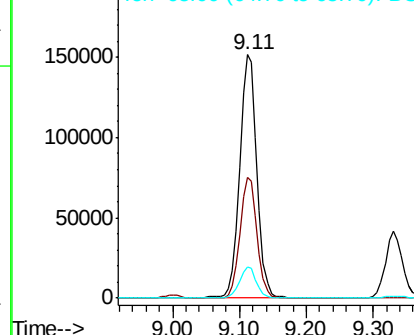


#24
 Nitrobenzene
 Concen: 41.383 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Tgt Ion	77	Resp	272424
Ion Ratio	Lower	Upper	
77	100		
123	49.4	39.9	59.9
65	12.8	10.4	15.6



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





#25

Isophorone

Concen: 41.795 ng

RT: 9.64 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

ClientSampleId :

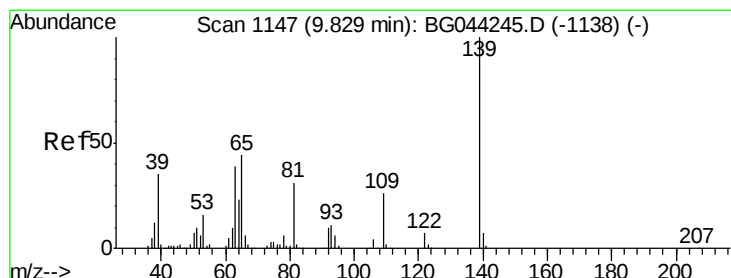
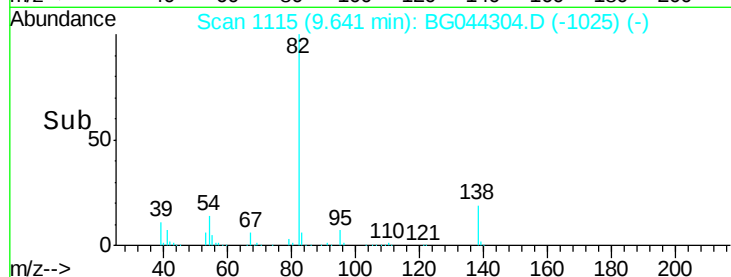
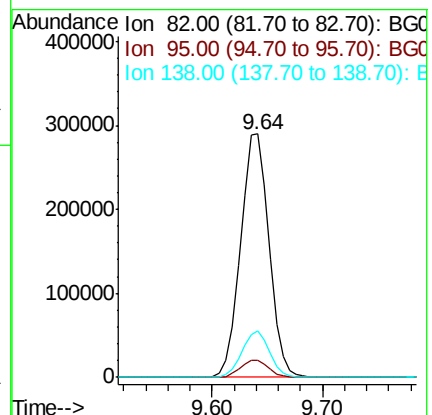
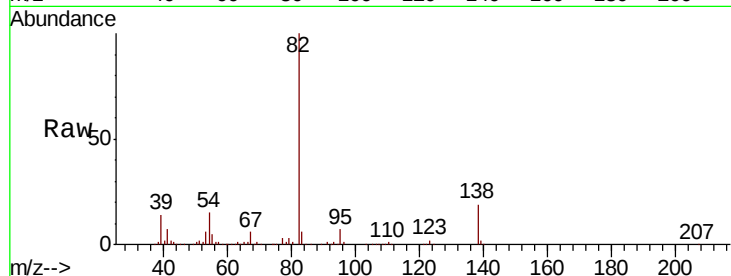
Tot Ion: 82 Resp: 525295

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

138 19.1 15.0 22.4



#26

2-Nitrophenol

Concen: 44.773 ng

RT: 9.83 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

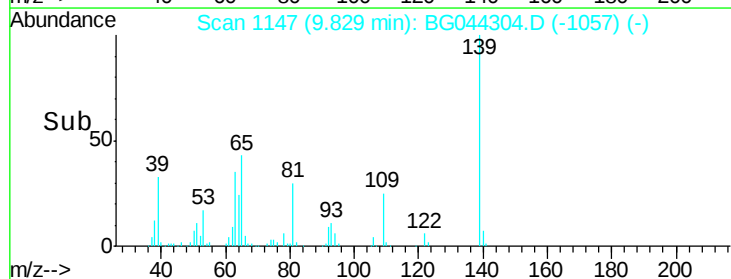
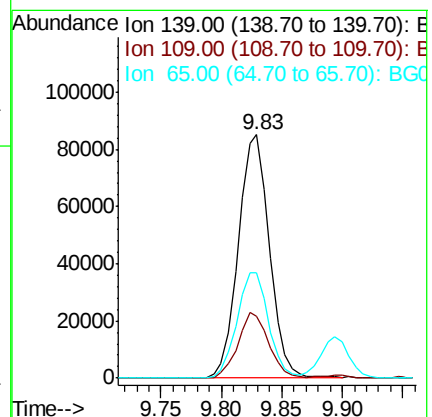
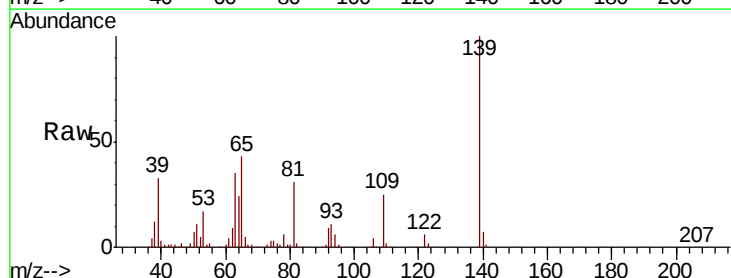
Tgt Ion: 139 Resp: 152936

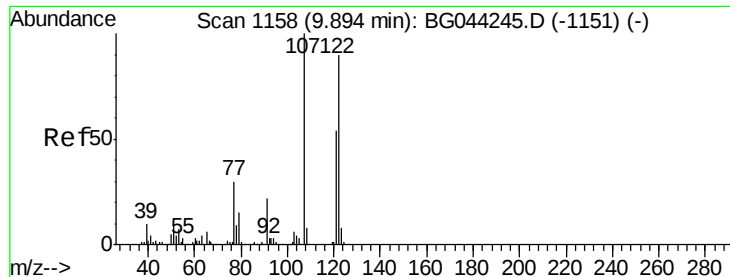
Ion Ratio Lower Upper

139 100

109 25.5 21.0 31.4

65 43.3 35.0 52.4

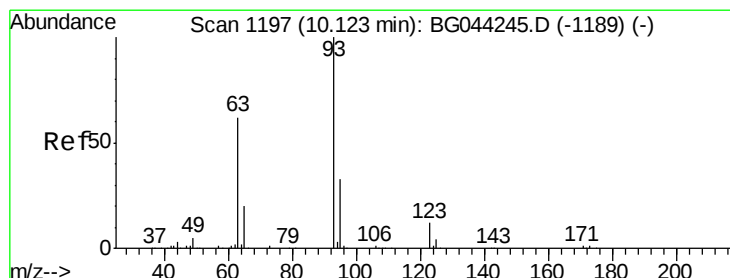
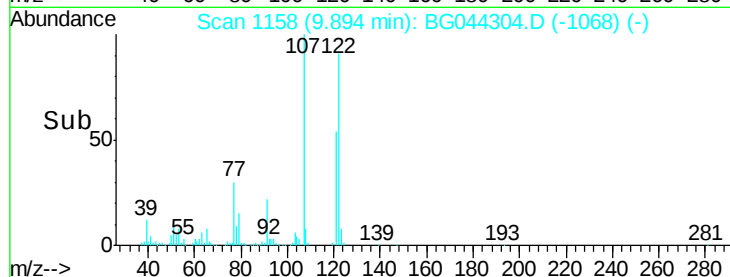
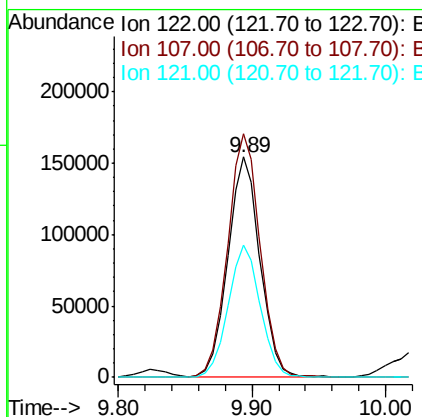
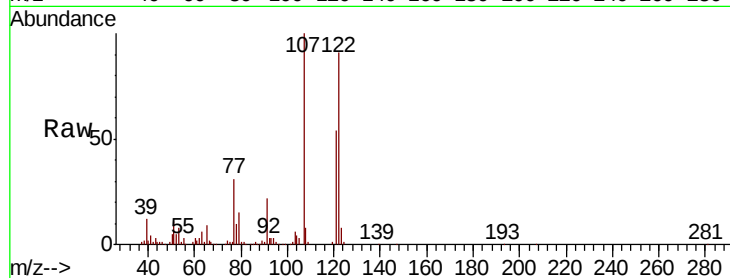




#27
 2,4-Dimethylphenol
 Concen: 53.270 ng
 RT: 9.89 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

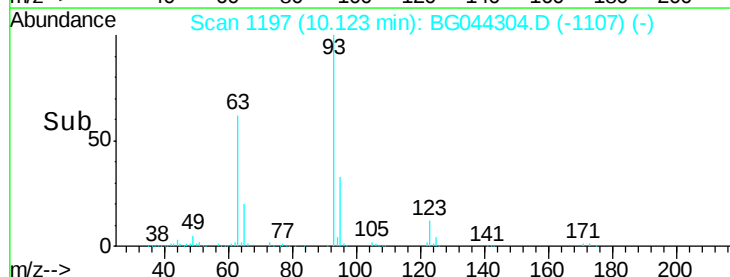
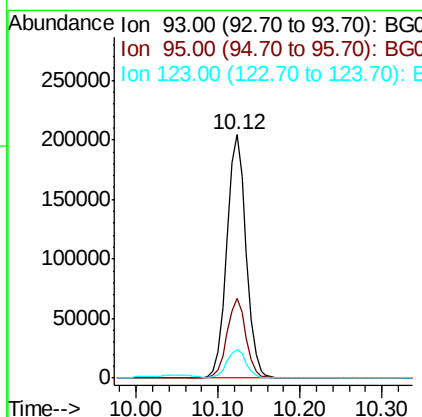
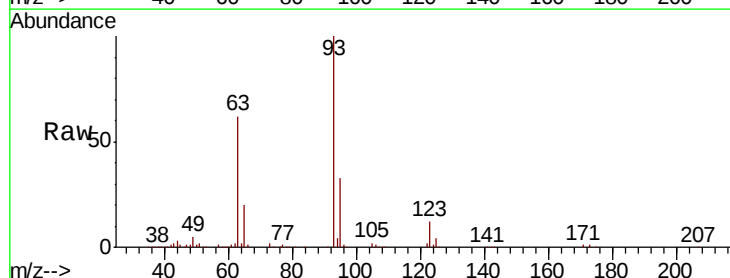
Instrument :
 BNA_G
 ClientSampleId :

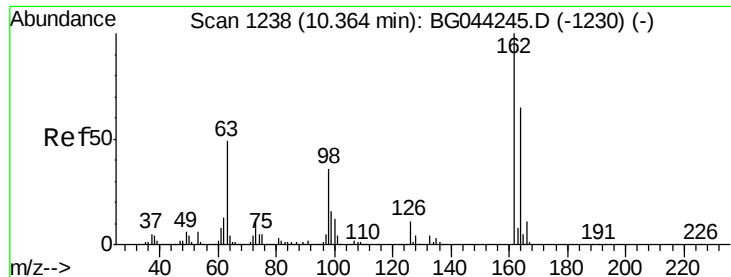
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.4	88.8	133.2
121	59.8	48.3	72.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.761 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.6	40.0
123	12.0	10.0	15.0

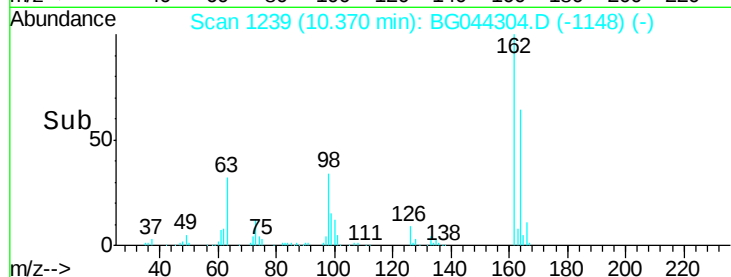
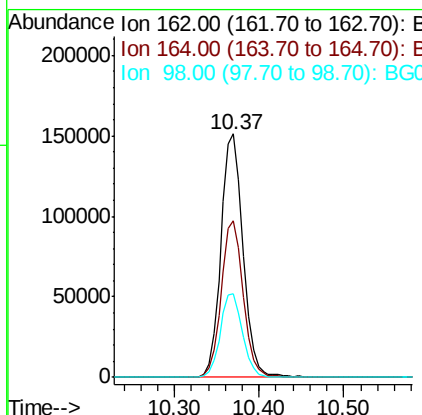
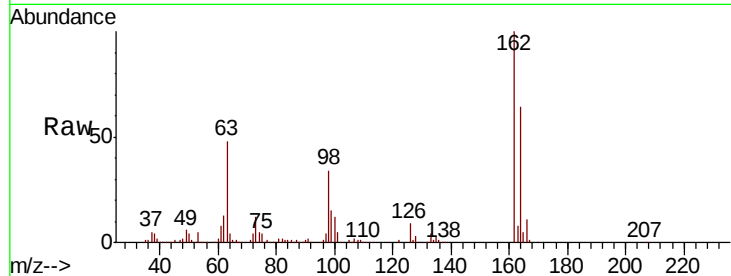




#29
2,4-Dichlorophenol
Concen: 46.988 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.01 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

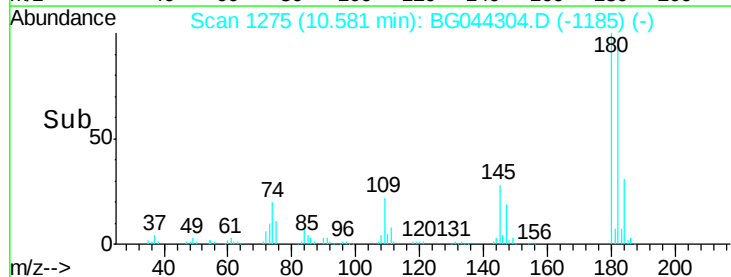
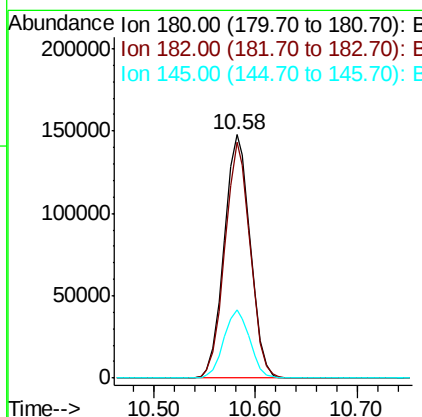
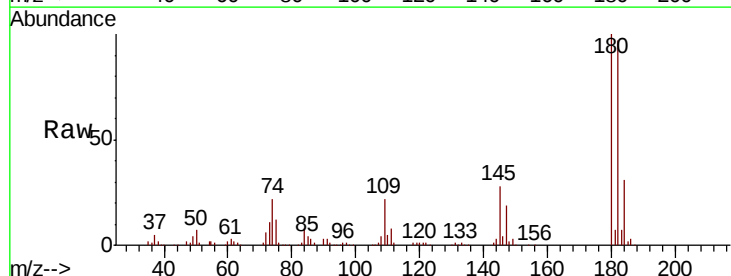
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.7	84.7
98	34.3	15.8	55.8



#30
1,2,4-Trichlorobenzene
Concen: 39.261 ng
RT: 10.58 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.5	113.3
145	28.2	22.6	34.0

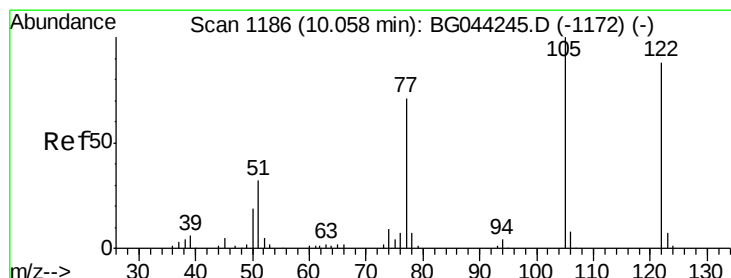
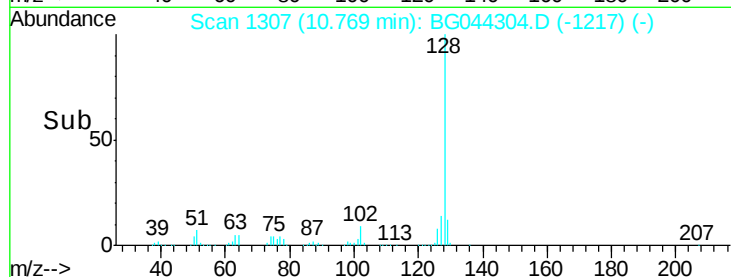
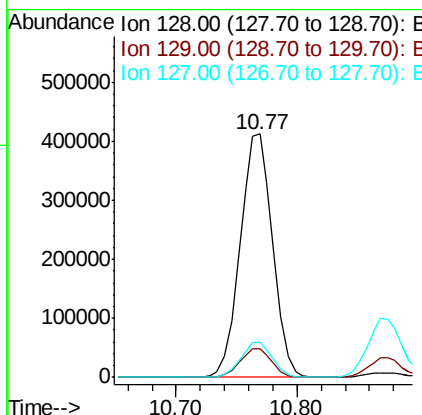
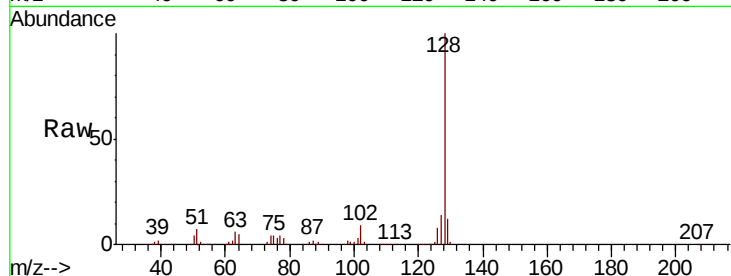




#31
Naphthalene
Concen: 41.518 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

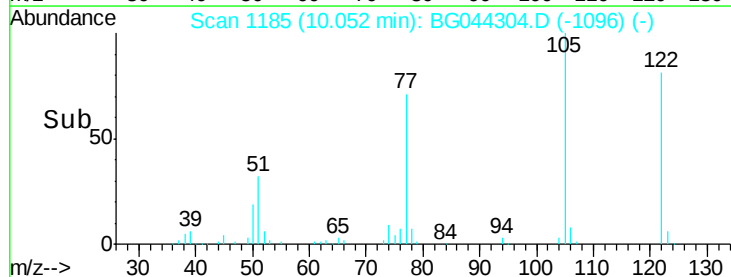
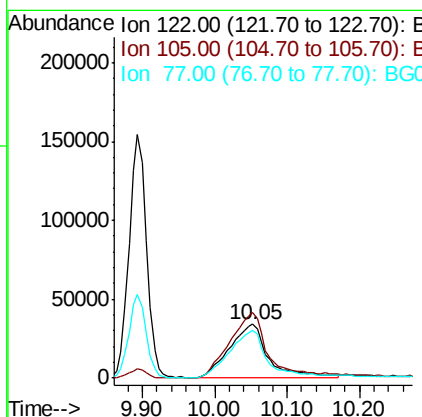
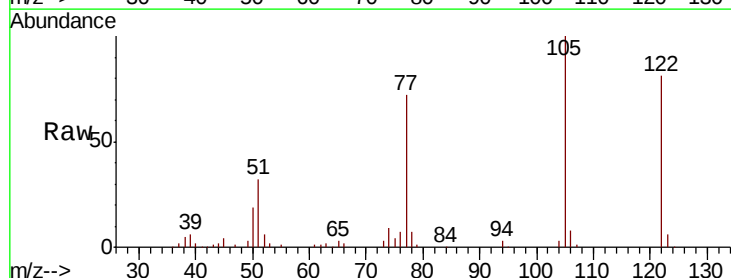
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 766838
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 14.3 11.6 17.4



#32
Benzoic acid
Concen: 41.622 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion:122 Resp: 123710
Ion Ratio Lower Upper
122 100
105 123.5 93.5 133.5
77 88.5 61.0 101.0

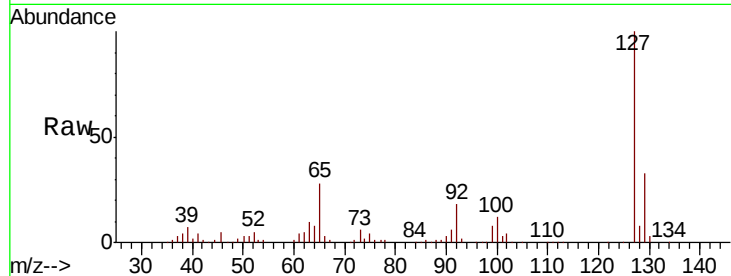




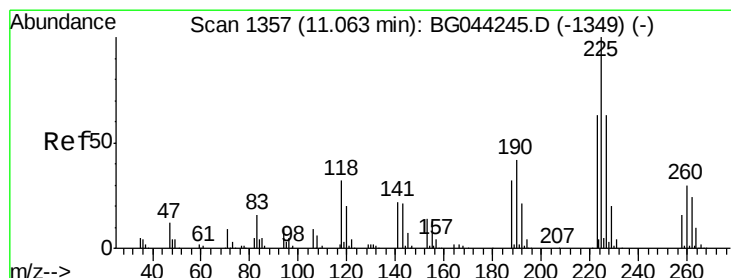
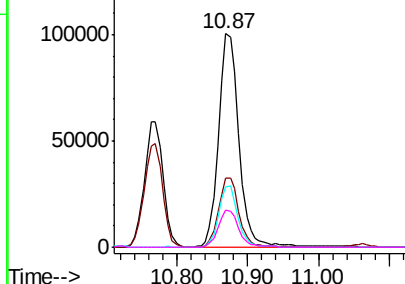
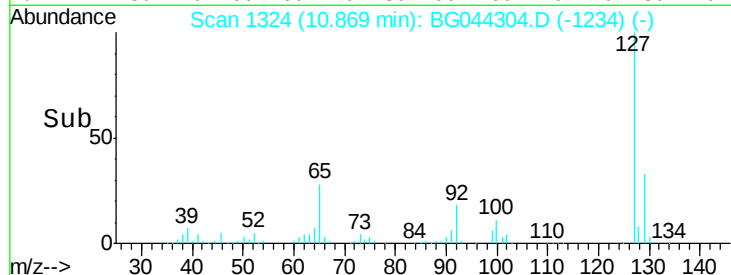
#33
4-Chloroaniline
Concen: 23.955 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	201225
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	40.0
65	28.1	22.5	33.7
92	17.7	14.1	21.1

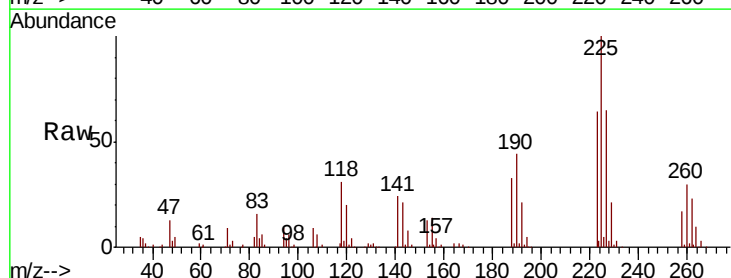


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

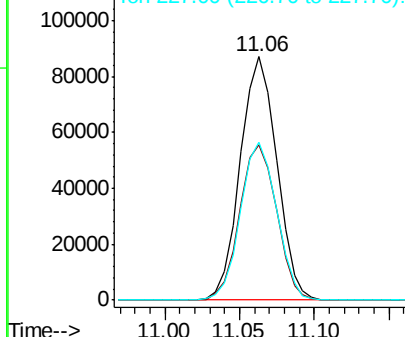
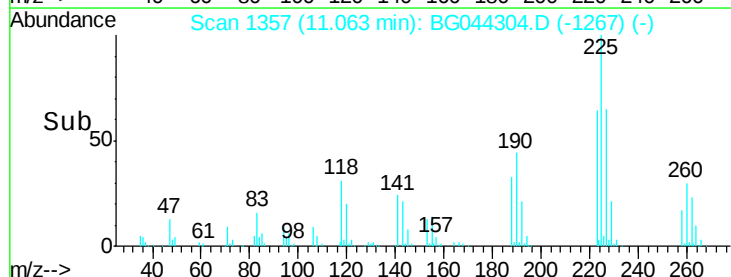


#34
Hexachlorobutadiene
Concen: 35.954 ng
RT: 11.06 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion:	225	Resp:	147905
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.2	75.4
227	64.7	50.8	76.2



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

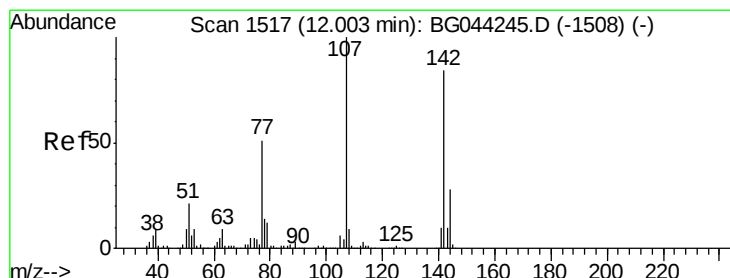
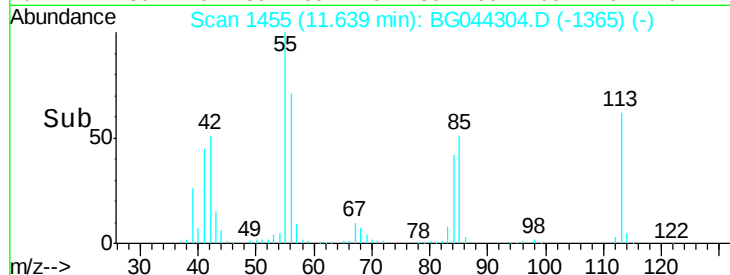
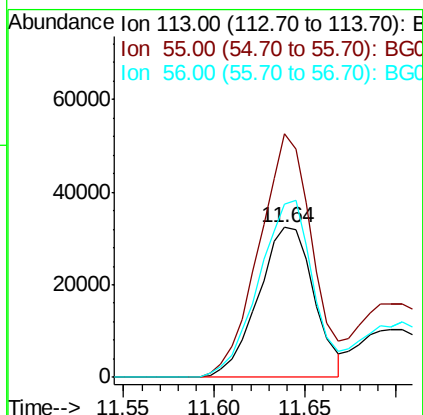
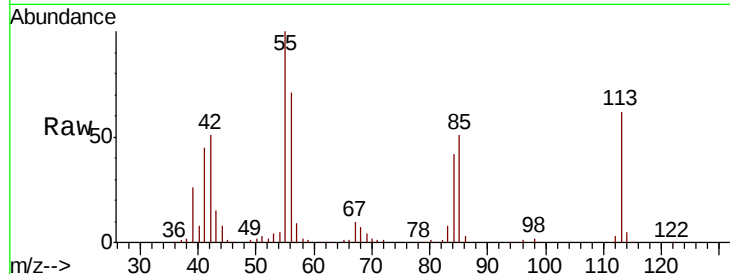




#35
 Caprolactam
 Concen: 32.519 ng
 RT: 11.64 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

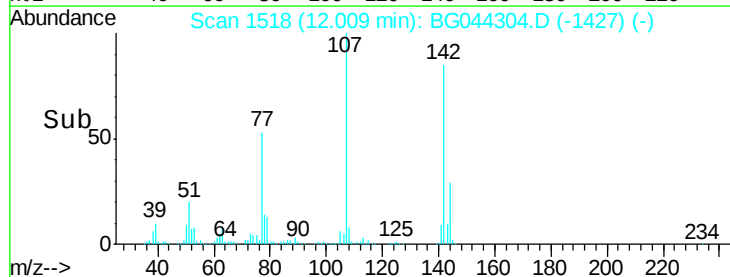
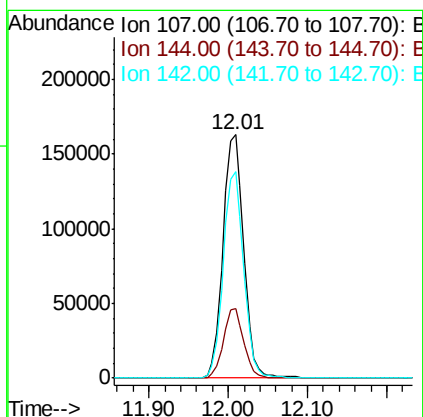
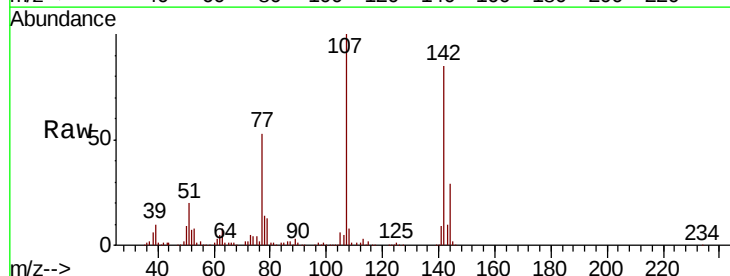
Instrument :
 BNA_G
 ClientSampleId :

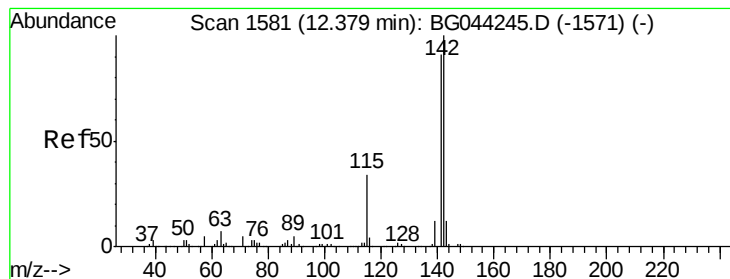
Tot Ion:113 Resp: 69454
 Ion Ratio Lower Upper
 113 100
 55 162.3 129.9 169.9
 56 115.8 92.5 132.5



#36
 4-Chloro-3-methylphenol
 Concen: 48.383 ng
 RT: 12.01 min Scan# 1518
 Delta R.T. 0.01 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Tgt Ion:107 Resp: 295761
 Ion Ratio Lower Upper
 107 100
 144 28.8 22.2 33.4
 142 84.7 67.4 101.0





#37

2-Methylnaphthalene

Concen: 42.855 ng

RT: 12.38 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

ClientSampleId :

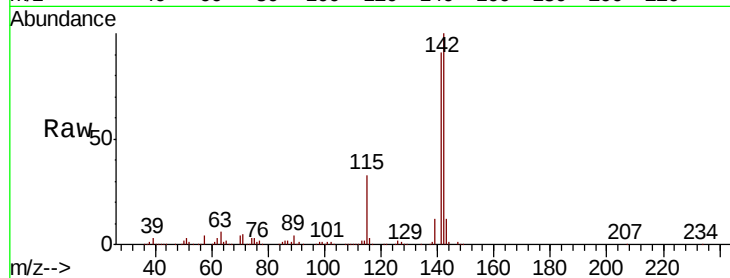
Tot Ion:142 Resp: 587698

Ion Ratio Lower Upper

142 100

141 90.5 73.2 109.8

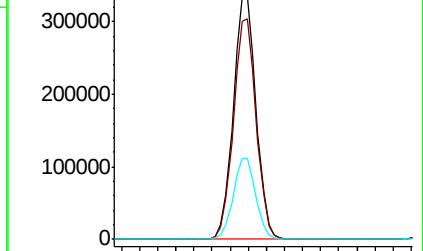
115 33.3 27.1 40.7



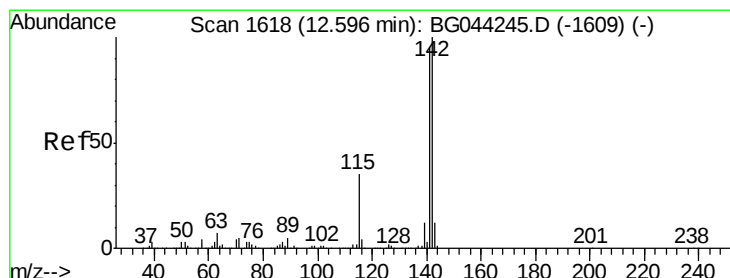
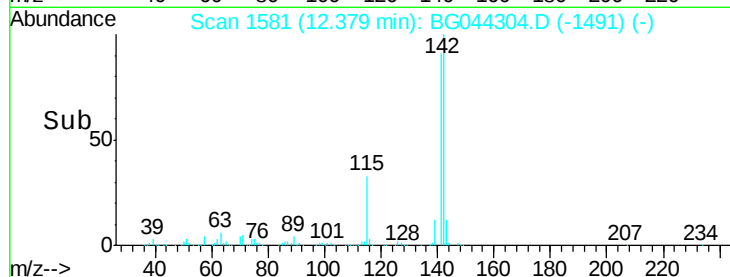
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#38

1-Methylnaphthalene

Concen: 43.124 ng

RT: 12.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

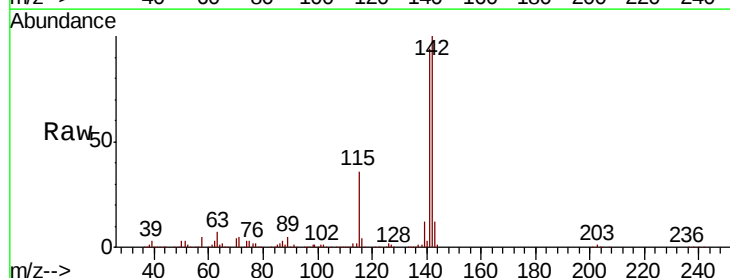
Tgt Ion:142 Resp: 557551

Ion Ratio Lower Upper

142 100

141 93.7 75.8 113.6

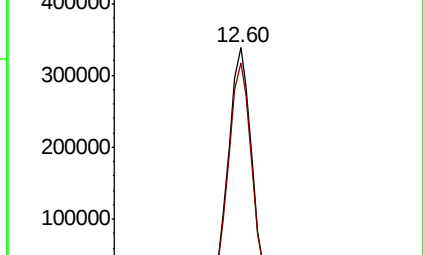
116 3.6 3.1 4.7



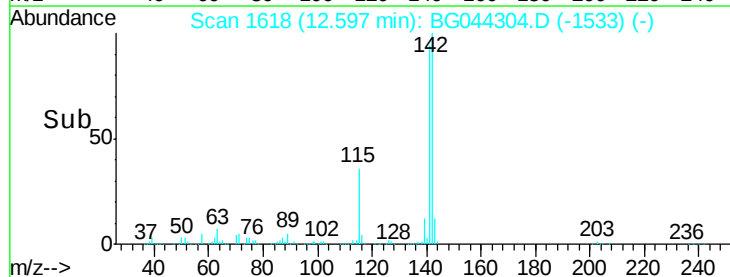
Abundance Ion 142.00 (141.70 to 142.70): E

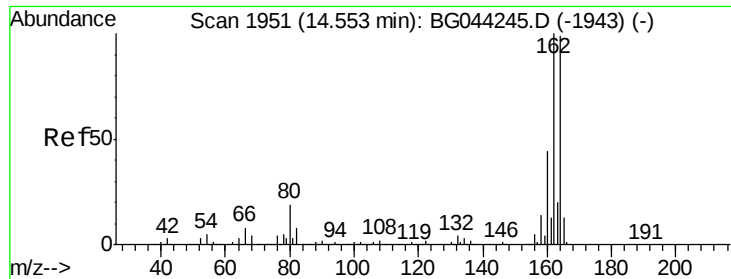
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

ClientSampleId :

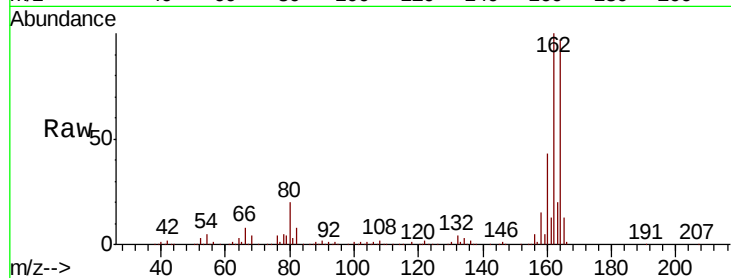
Tot Ion:164 Resp: 264142

Ion Ratio Lower Upper

164 100

162 103.3 80.7 121.1

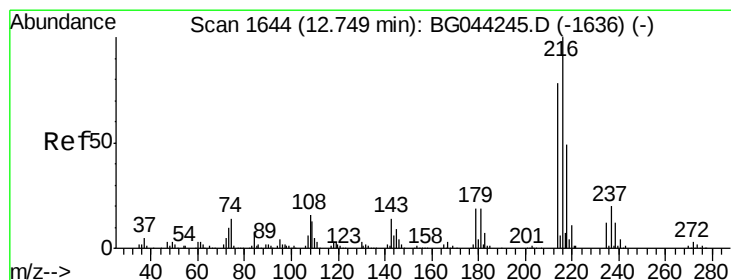
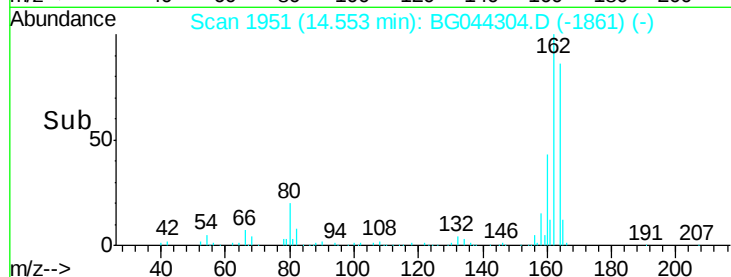
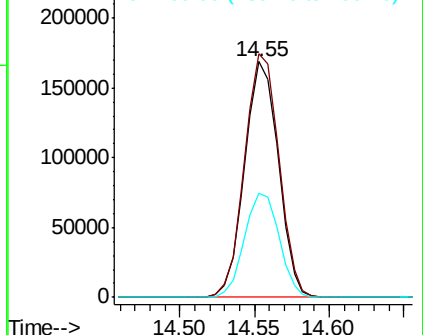
160 44.3 35.3 52.9



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: 36.612 ng

RT: 12.75 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Tgt Ion:216 Resp: 289284

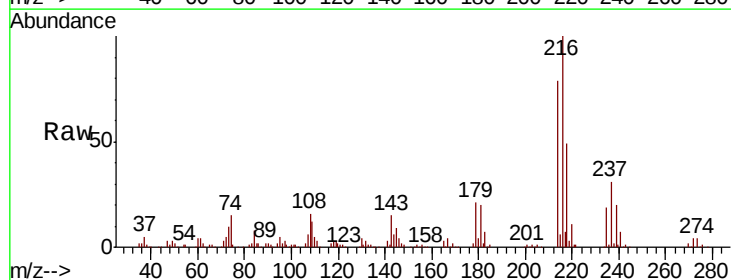
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.6

179 20.9 16.2 24.4

108 18.1 13.5 20.3

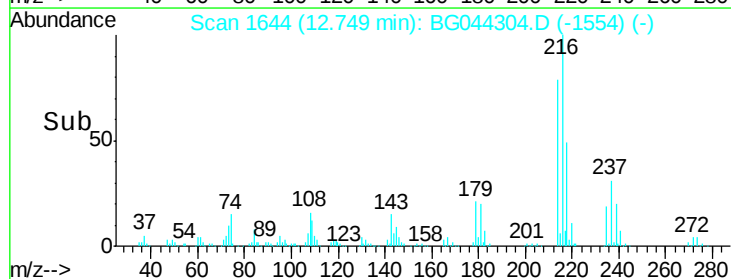
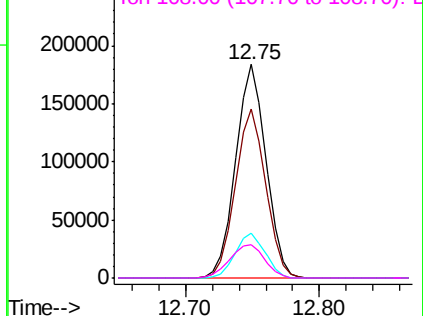


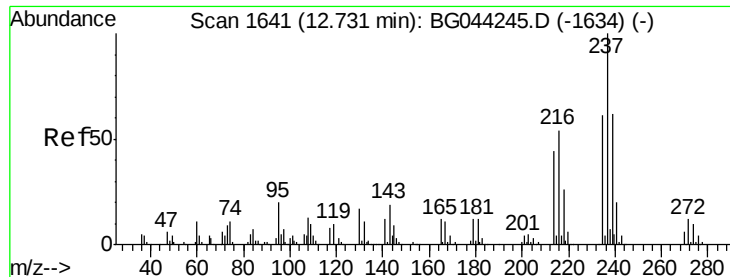
Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.335 ng

RT: 12.74 min Scan# 1642

Delta R.T. 0.01 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

ClientSampleId :

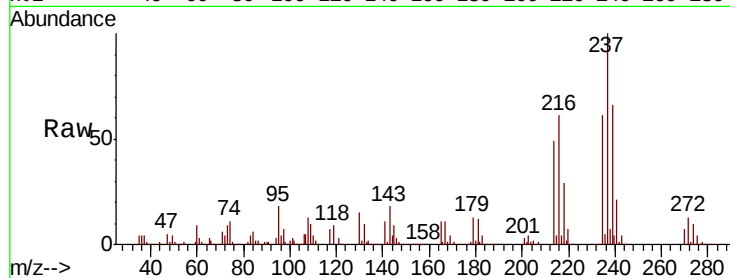
Tot Ion:237 Resp: 266663

Ion Ratio Lower Upper

237 100

235 60.9 41.2 81.2

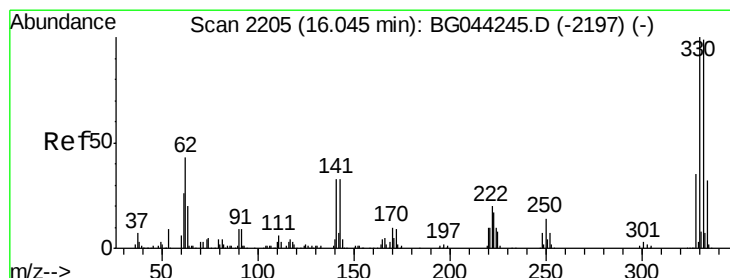
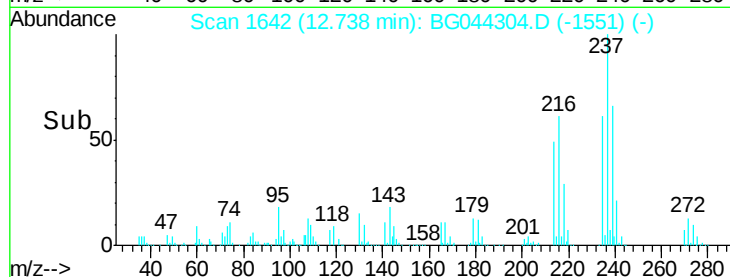
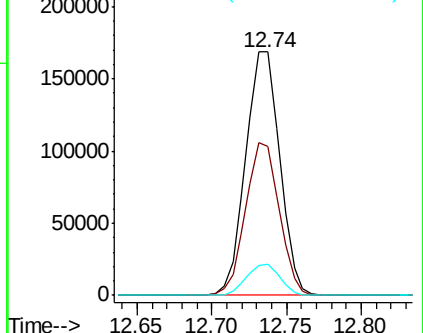
272 12.9 0.0 32.4



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: 117.395 ng

RT: 16.05 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

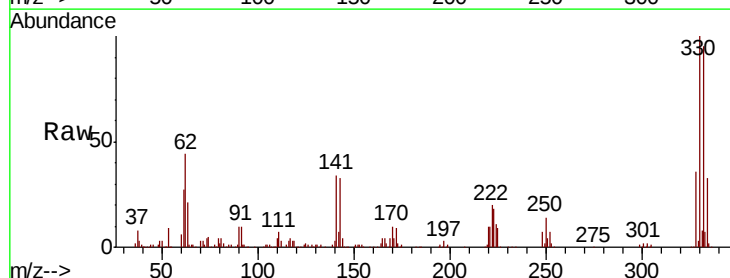
Tgt Ion:330 Resp: 364026

Ion Ratio Lower Upper

330 100

332 95.8 77.2 115.8

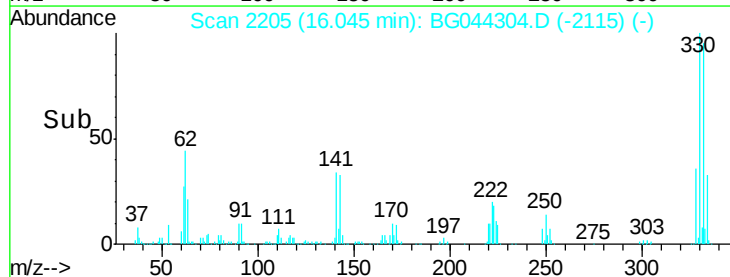
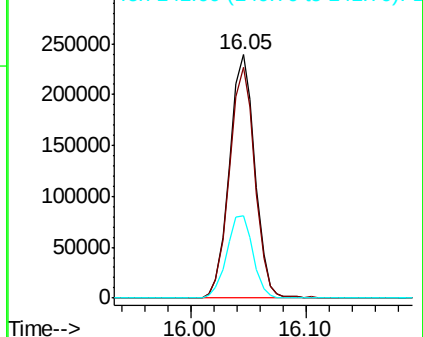
141 35.1 28.3 42.5



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

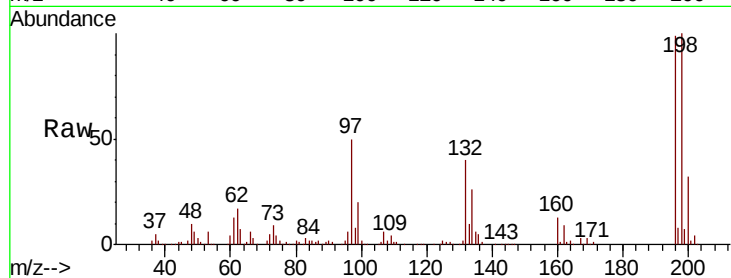




#43
 2,4,6-Trichlorophenol
 Concen: 43.830 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	223850
Ion Ratio	Lower	Upper	
196	100		
198	100.8	79.3	118.9
200	31.9	25.7	38.5

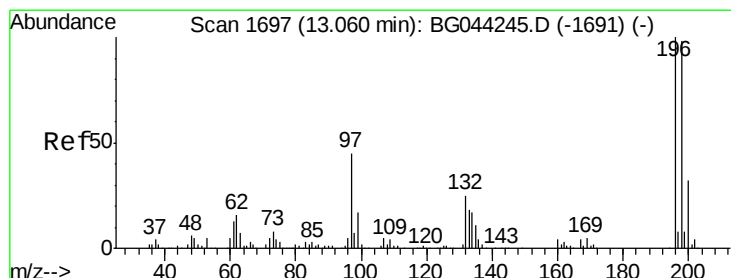
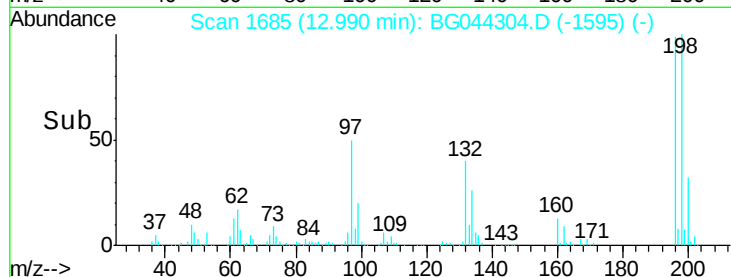
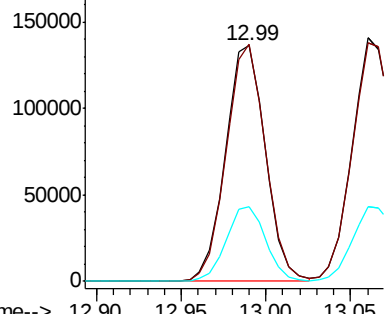


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 46.333 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Tgt Ion	196	Resp	241696
Ion Ratio	Lower	Upper	
196	100		
198	97.7	78.2	117.2
97	45.9	36.2	54.4
132	26.0	20.2	30.4

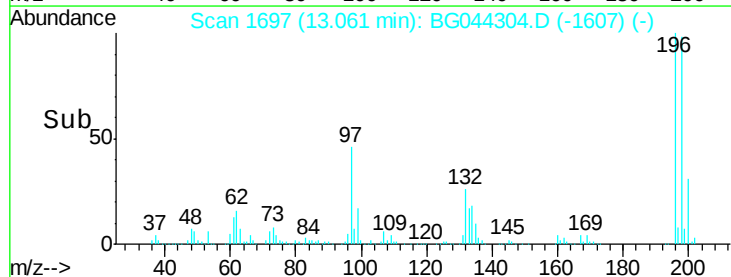
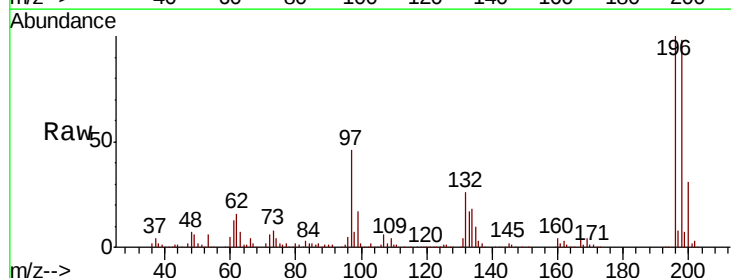
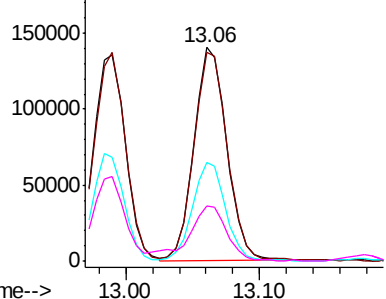
Abundance

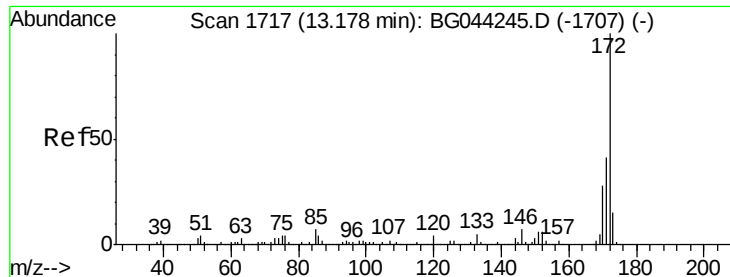
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



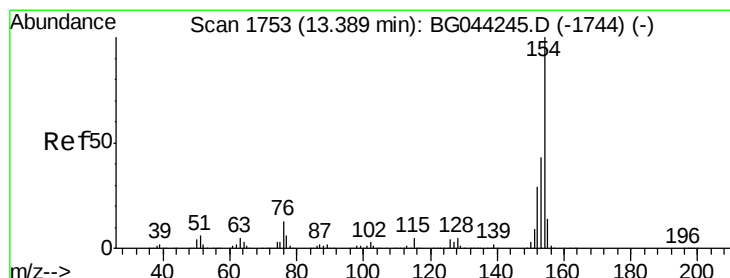
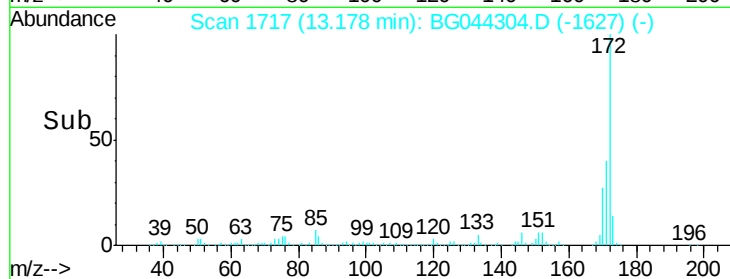
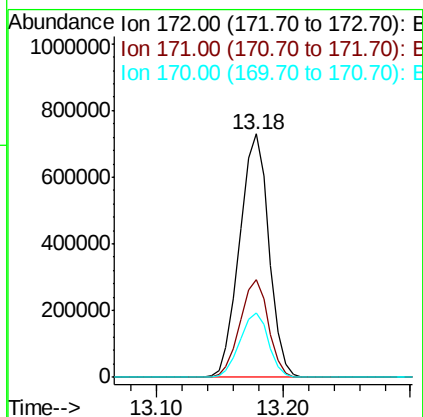
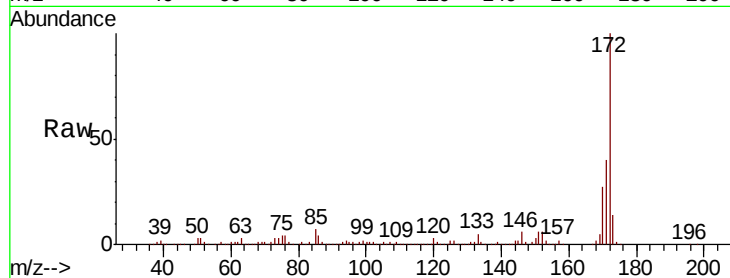


#45
 2-Fluorobiphenyl
 Concen: 73.845 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1164821

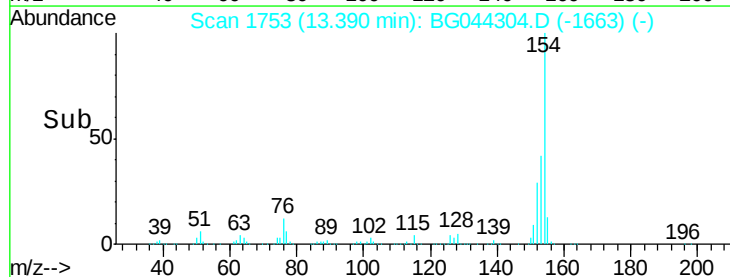
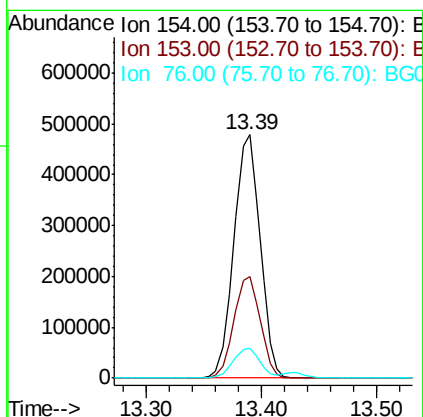
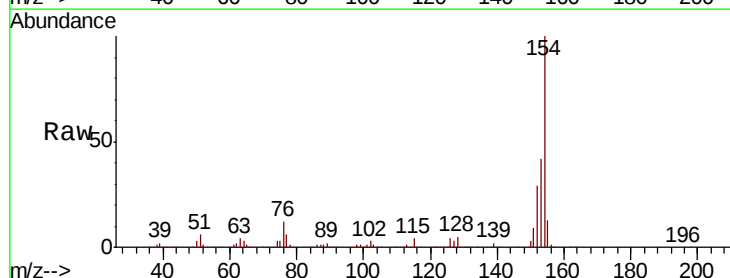
Ion	Ratio	Lower	Upper
172	100		
171	40.0	32.9	49.3
170	26.7	22.0	33.0

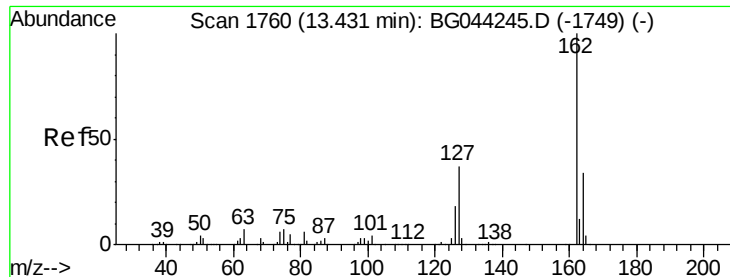


#46
 1,1'-Biphenyl
 Concen: 39.533 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Tgt Ion:154 Resp: 753224

Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.7	62.7
76	12.3	0.0	32.9

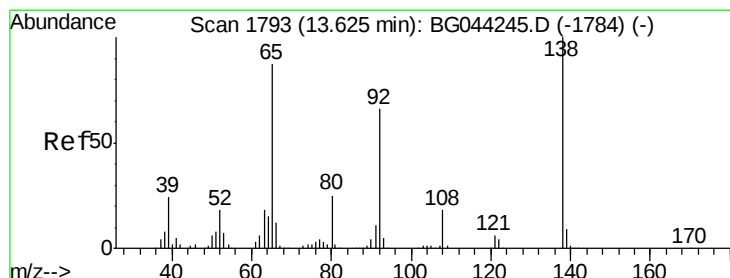
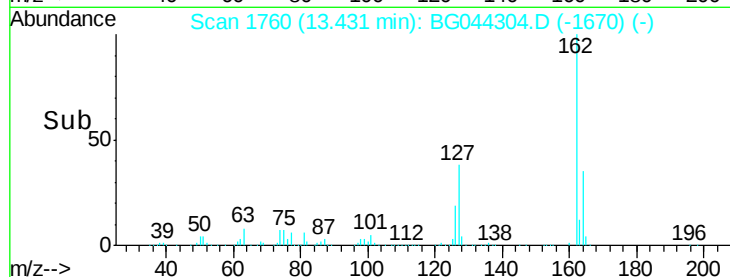
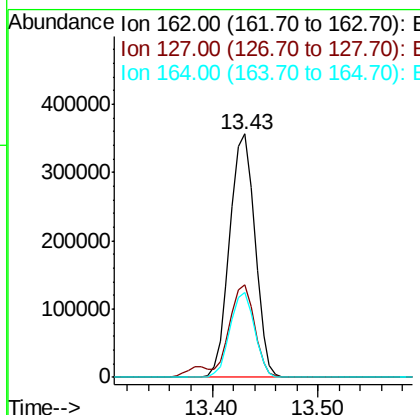
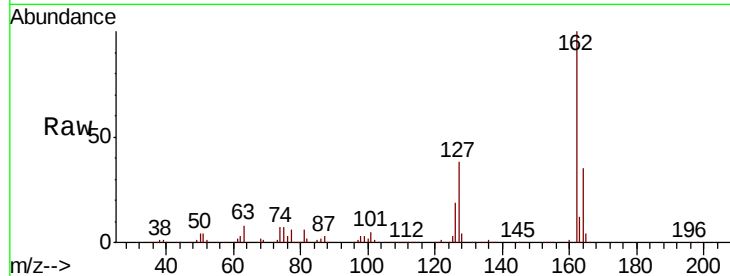




#47
2-Chloronaphthalene
Concen: 38.820 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

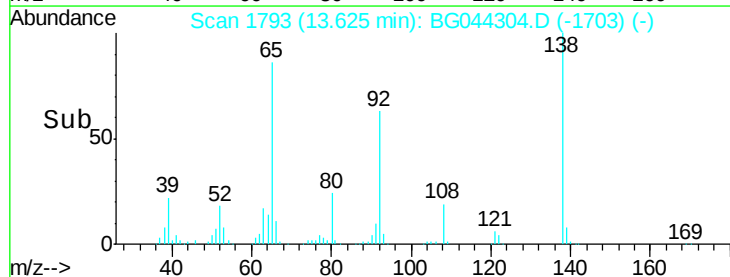
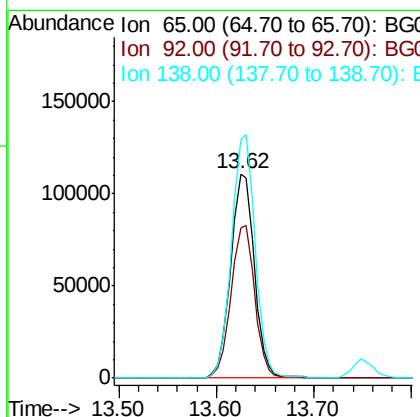
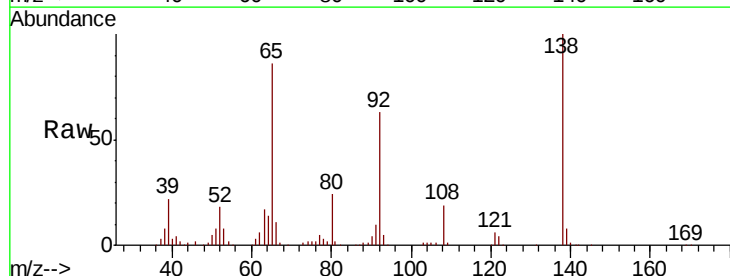
Instrument :
BNA_G
ClientSampleId :

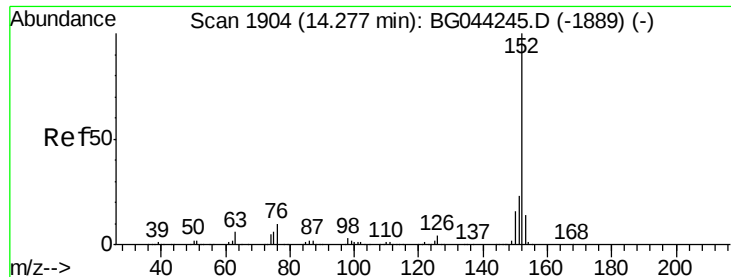
Tot Ion:162 Resp: 588556
Ion Ratio Lower Upper
162 100
127 38.2 30.0 45.0
164 35.0 27.2 40.8



#48
2-Nitroaniline
Concen: 42.096 ng
RT: 13.62 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion: 65 Resp: 188353
Ion Ratio Lower Upper
65 100
92 73.6 60.3 90.5
138 116.7 91.9 137.9





#49

Acenaphthylene

Concen: 42.567 ng

RT: 14.28 min Scan# 1904

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

ClientSampleId :

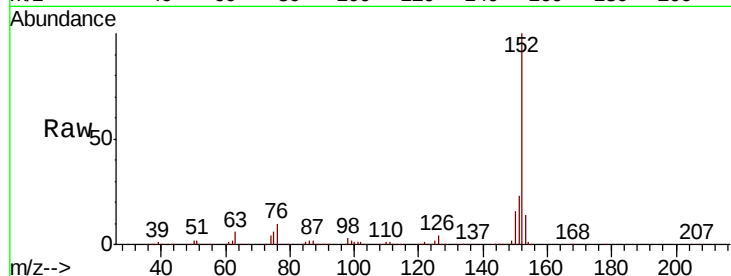
Tot Ion:152 Resp: 946577

Ion Ratio Lower Upper

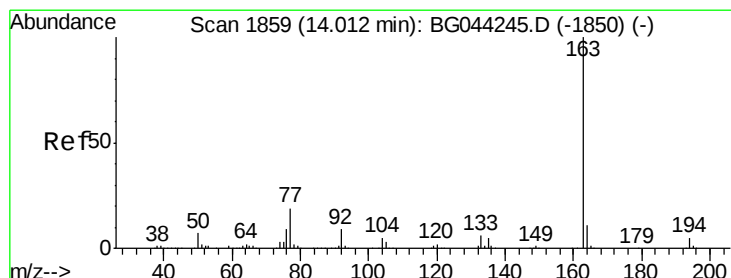
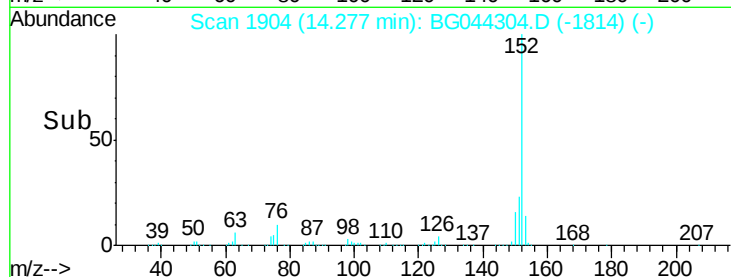
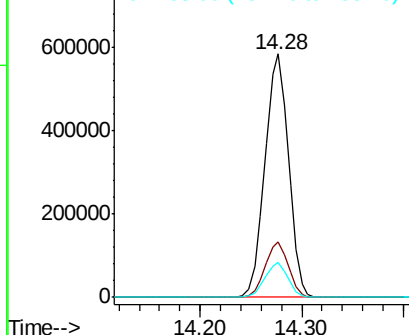
152 100

151 22.6 18.1 27.1

153 14.3 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: 41.177 ng

RT: 14.01 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

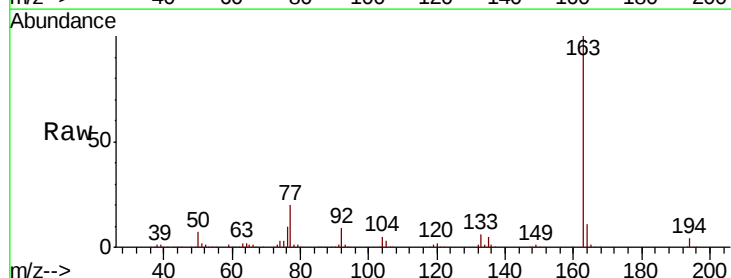
Tgt Ion:163 Resp: 781839

Ion Ratio Lower Upper

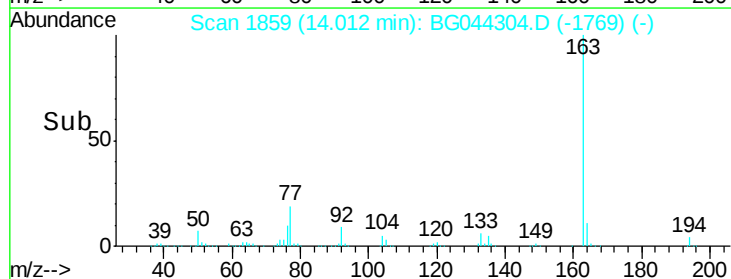
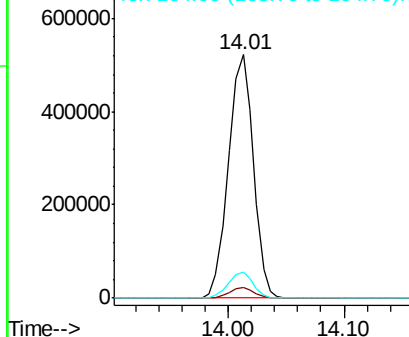
163 100

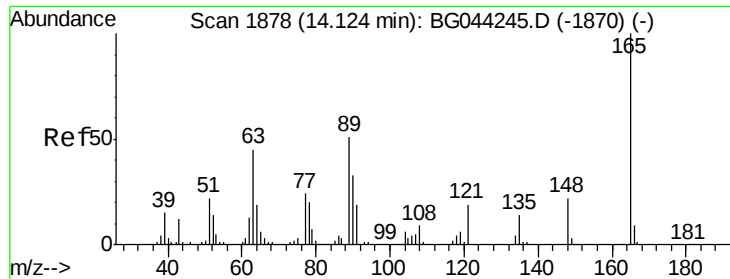
194 4.3 3.6 5.4

164 10.7 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

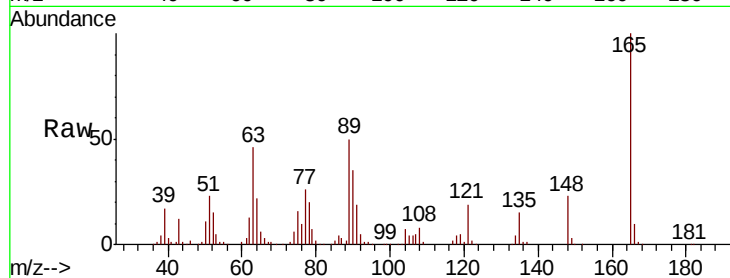




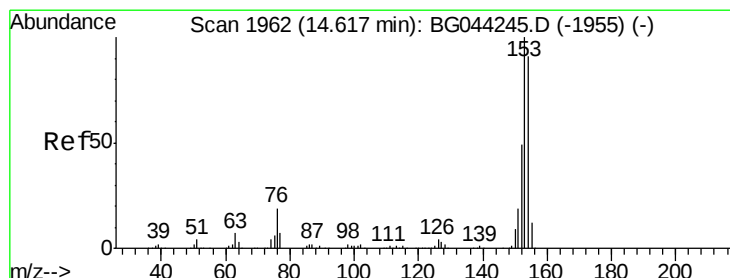
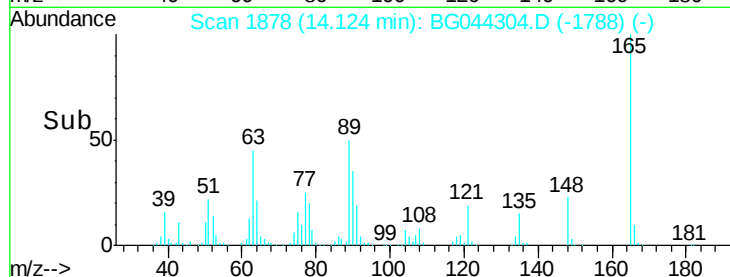
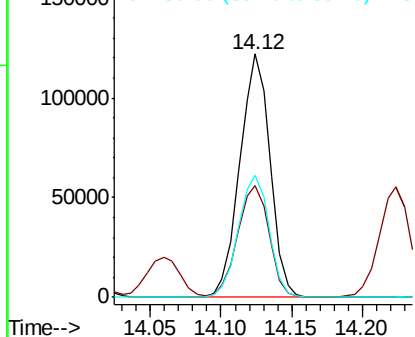
#51
2,6-Dinitrotoluene
Concen: 43.101 ng
RT: 14.12 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 182470
Ion Ratio Lower Upper
165 100
63 45.9 38.7 58.1
89 50.2 40.4 60.6

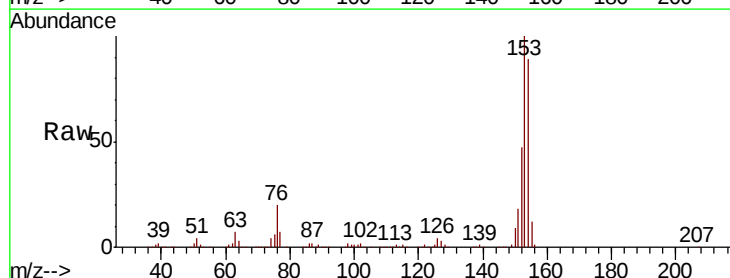


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

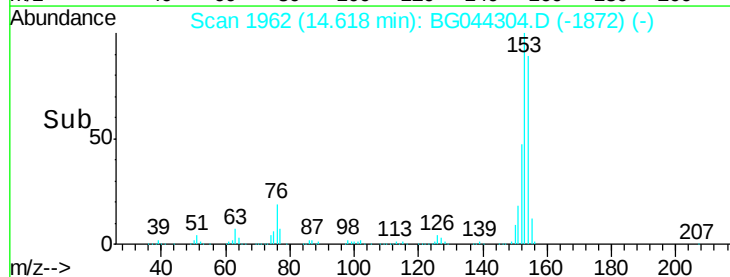
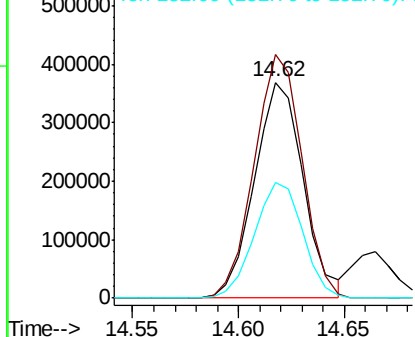


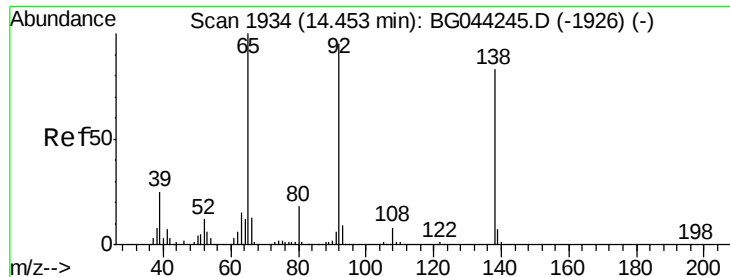
#52
Acenaphthene
Concen: 41.133 ng
RT: 14.62 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion:154 Resp: 592882
Ion Ratio Lower Upper
154 100
153 112.9 87.9 131.9
152 53.6 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: 29.976 ng

RT: 14.45 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

ClientSampleId :

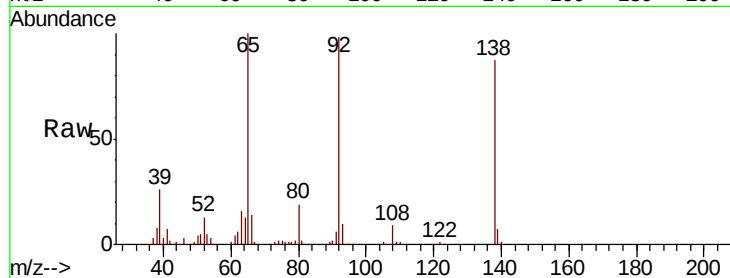
Tot Ion:138 Resp: 140402

Ion Ratio Lower Upper

138 100

108 9.9 7.9 11.9

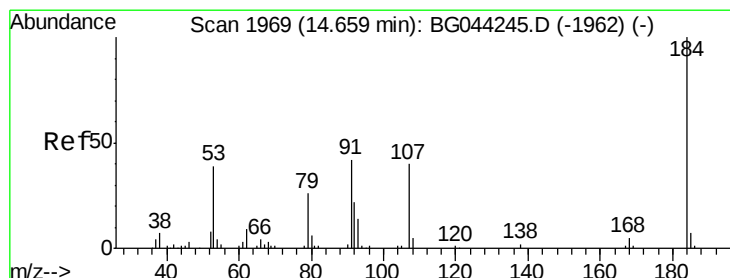
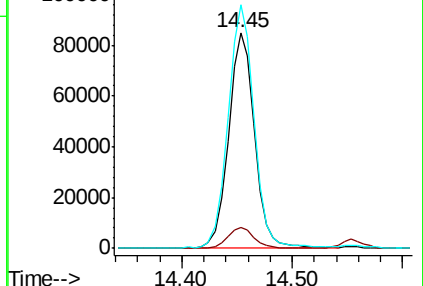
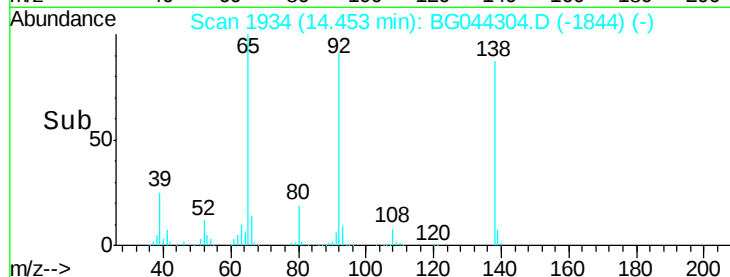
92 113.0 91.0 136.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 86.832 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.01 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

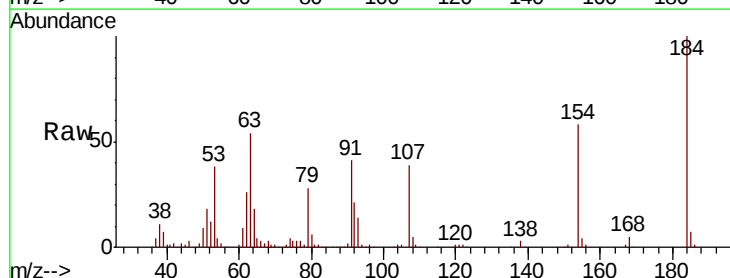
Tgt Ion:184 Resp: 219627

Ion Ratio Lower Upper

184 100

63 54.3 44.1 66.1

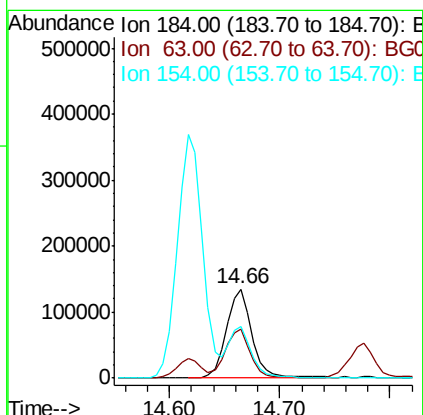
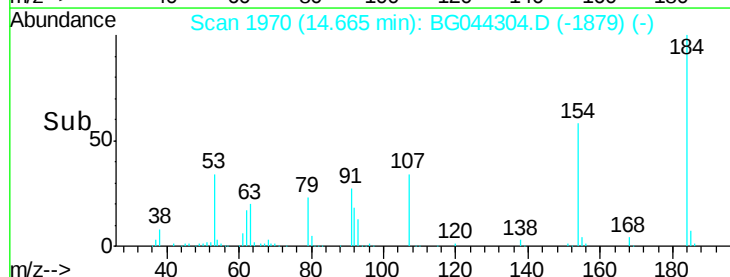
154 58.1 45.4 68.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

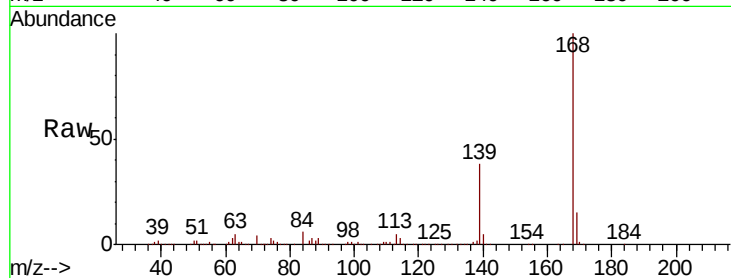




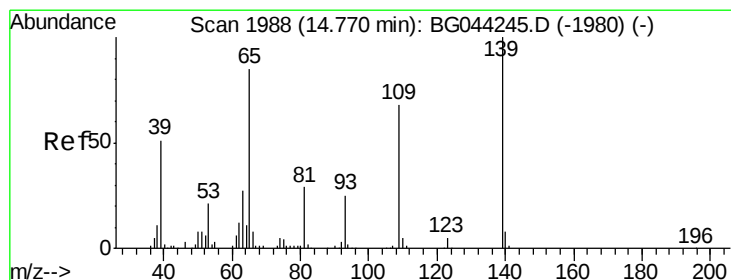
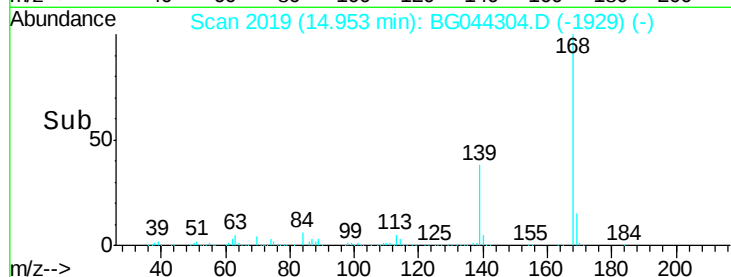
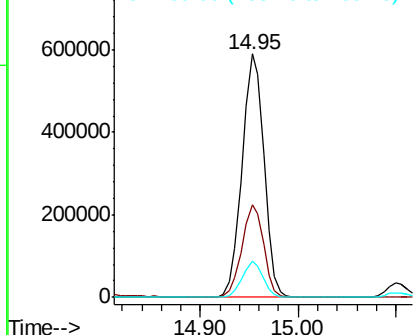
#55
Dibenzenofuran
Concen: 42.311 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.5	45.7
169	14.8	11.7	17.5

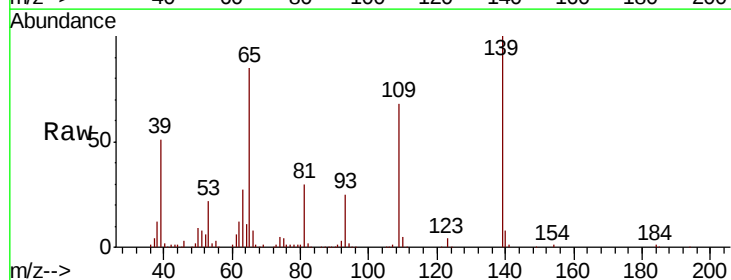


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

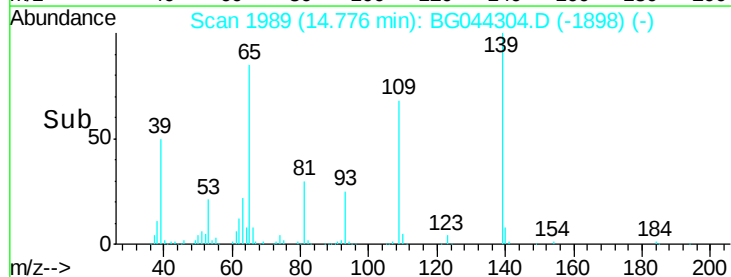
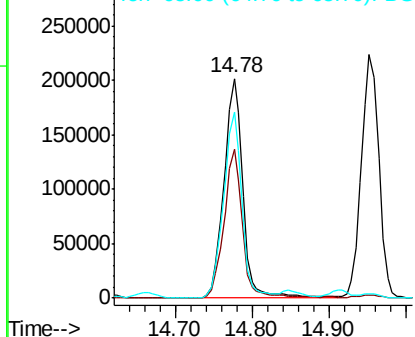


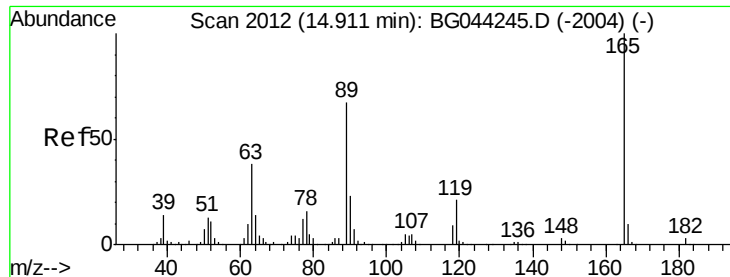
#56
4-Nitrophenol
Concen: 101.042 ng
RT: 14.78 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.6	47.5	87.5
65	85.0	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): BGO

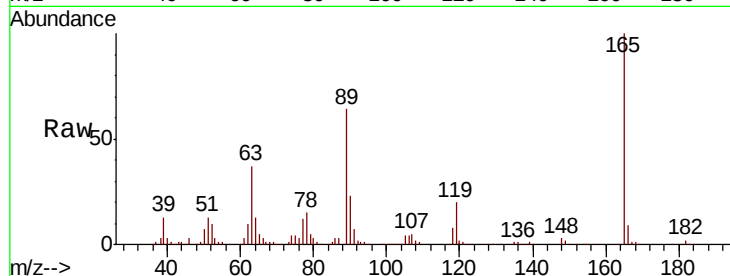




#57
2,4-Dinitrotoluene
Concen: 43.599 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.9	30.3	45.5
89	64.3	53.4	80.2
182	2.4	2.1	3.1



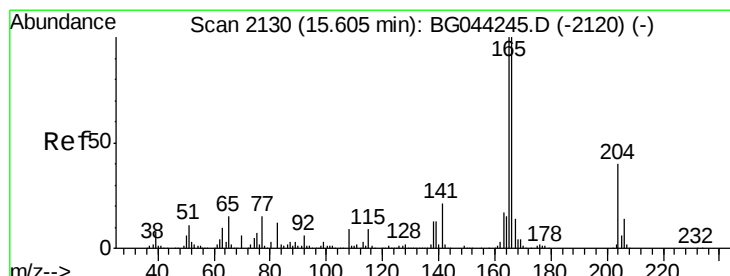
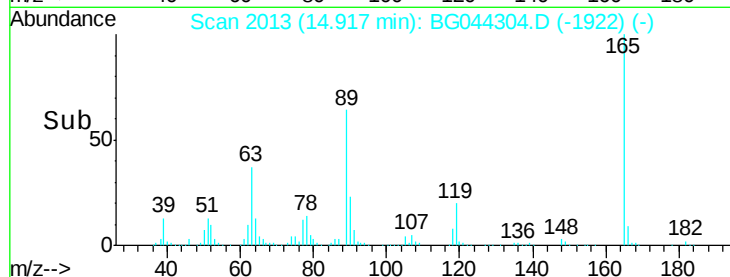
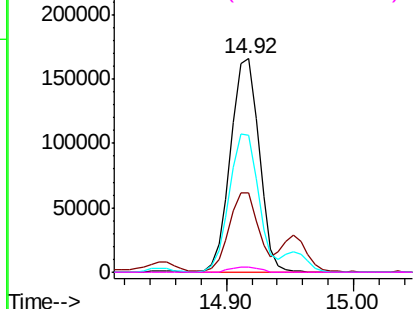
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

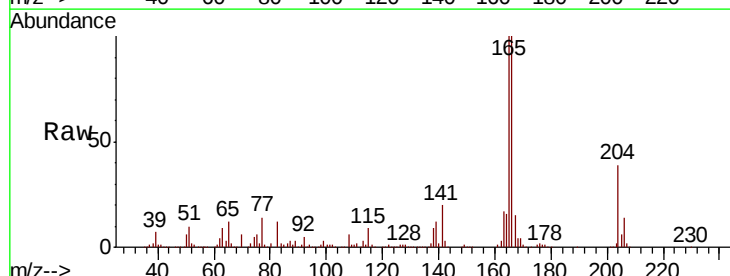
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.888 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.9	119.9
167	14.6	11.4	17.0

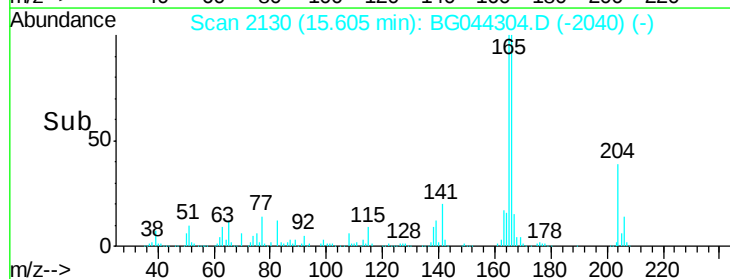
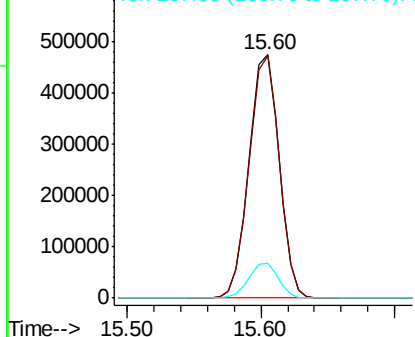


Abundance

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

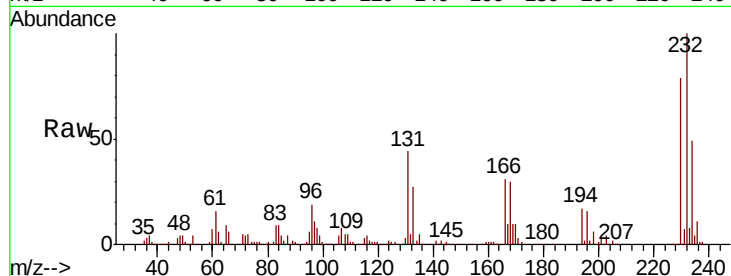




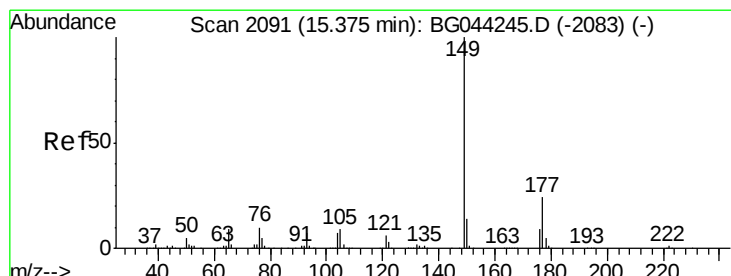
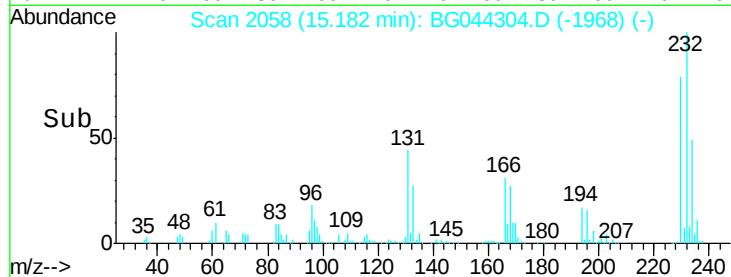
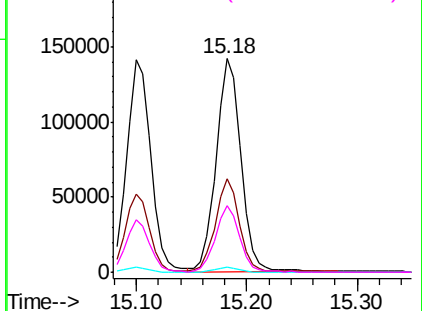
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.824 ng
 RT: 15.18 min Scan# 2058
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 220628
 Ion Ratio Lower Upper
 232 100
 131 42.6 34.2 51.4
 130 2.4 1.8 2.8
 166 30.1 23.8 35.8

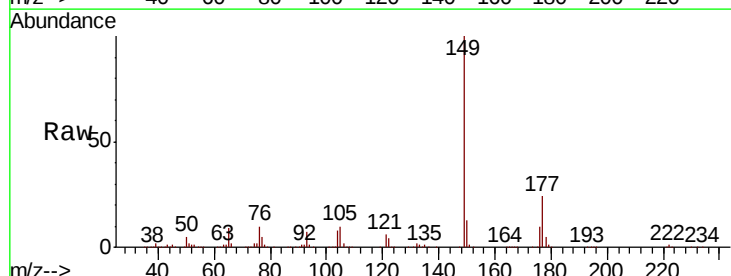


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

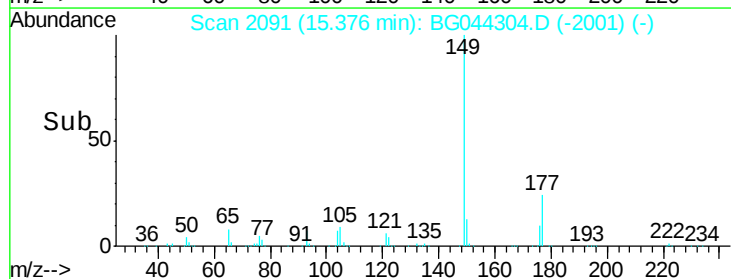
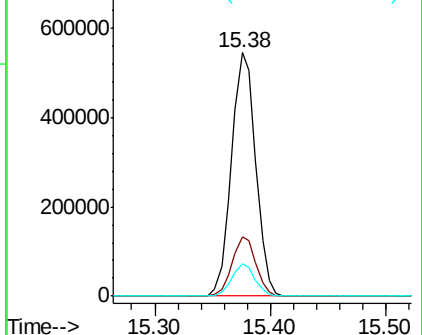


#60
 Diethylphthalate
 Concen: 41.845 ng
 RT: 15.38 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Tgt Ion:149 Resp: 791673
 Ion Ratio Lower Upper
 149 100
 177 24.4 19.4 29.0
 150 13.3 10.9 16.3



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

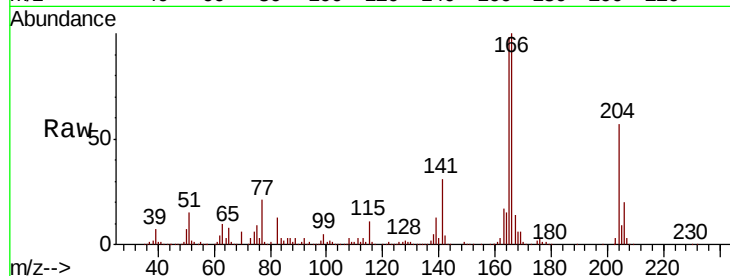




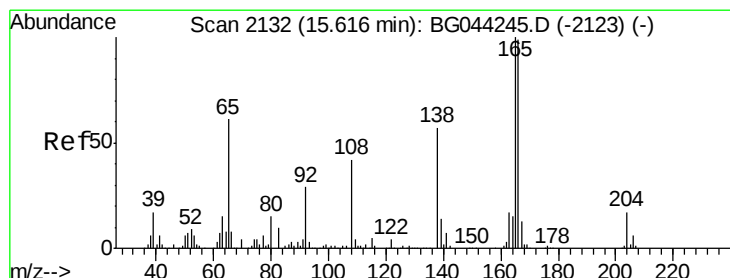
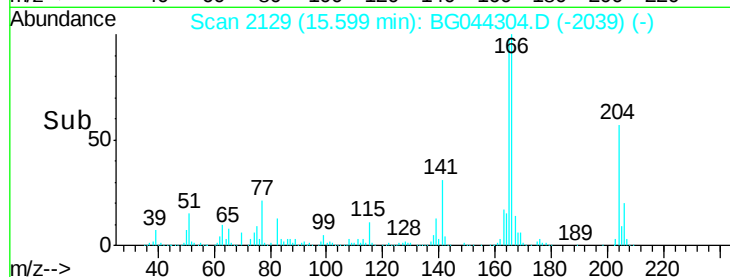
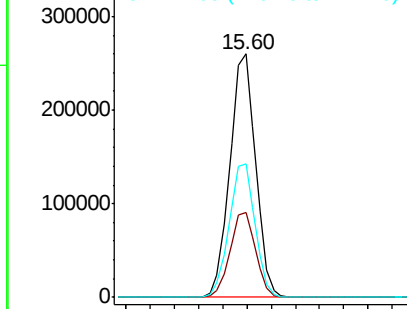
#61
4-Chlorophenyl-phenylether
Concen: 41.288 ng
RT: 15.60 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 384797
Ion Ratio Lower Upper
204 100
206 35.0 27.6 41.4
141 54.7 43.4 65.0

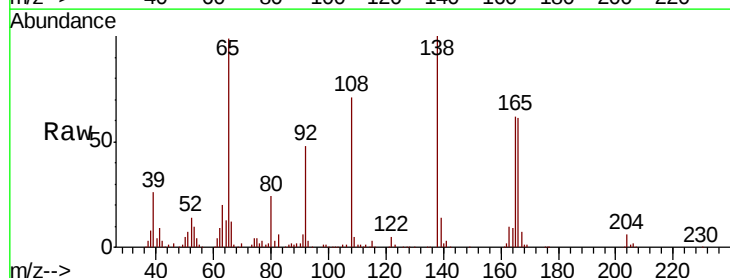


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

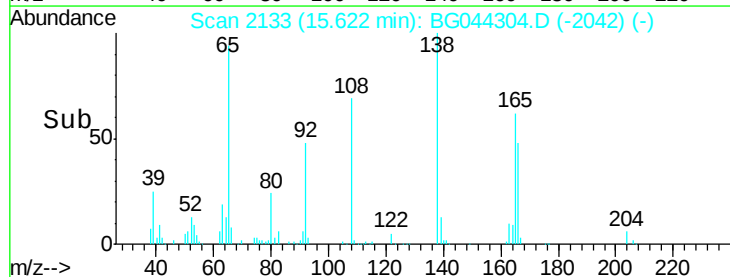
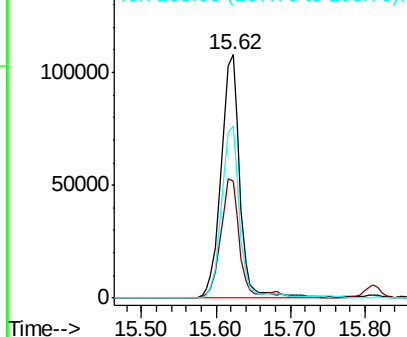


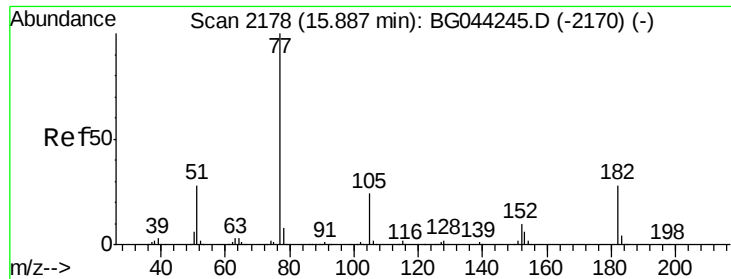
#62
4-Nitroaniline
Concen: 40.616 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion:138 Resp: 190089
Ion Ratio Lower Upper
138 100
92 48.2 31.3 71.3
108 70.6 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

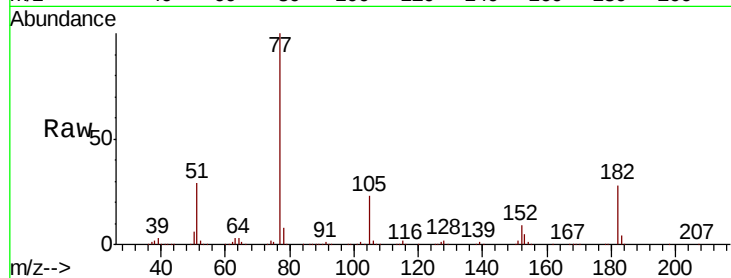




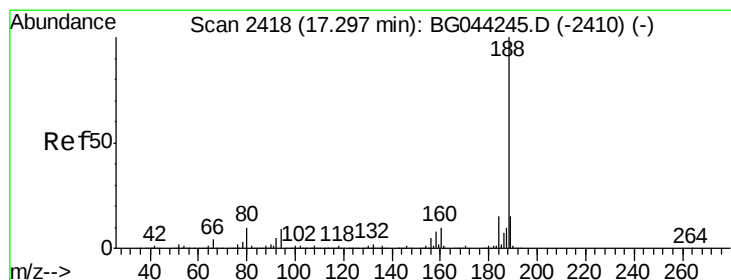
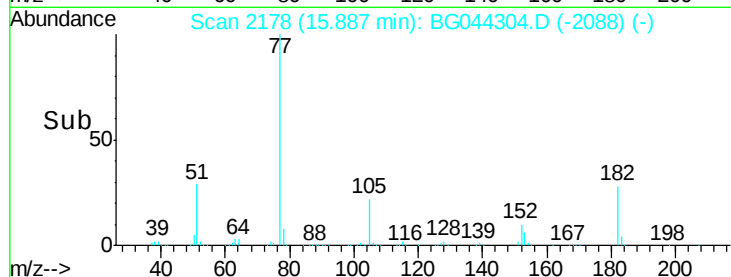
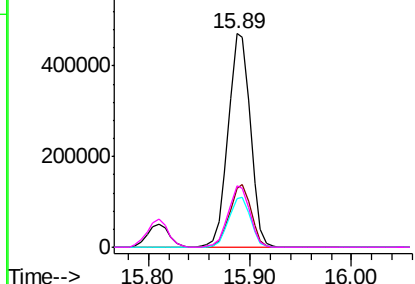
#63
Azobenzene
Concen: 42.926 ng
RT: 15.89 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	711787
Ion	Ratio	Lower	Upper
77	100		
182	27.8	8.2	48.2
105	23.1	3.6	43.6
51	28.8	8.3	48.3

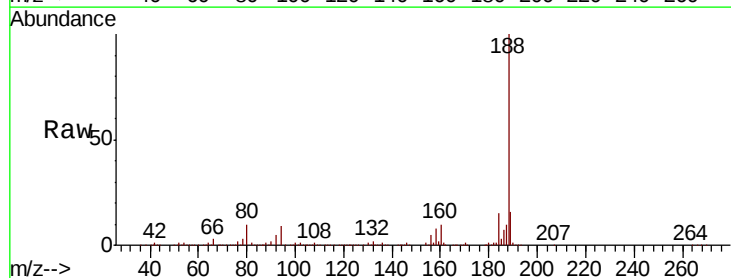


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

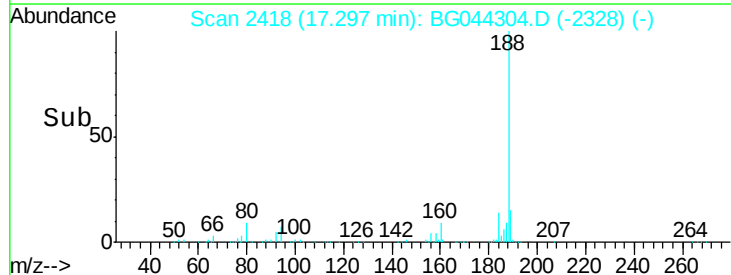
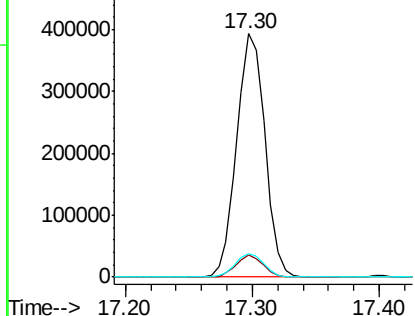


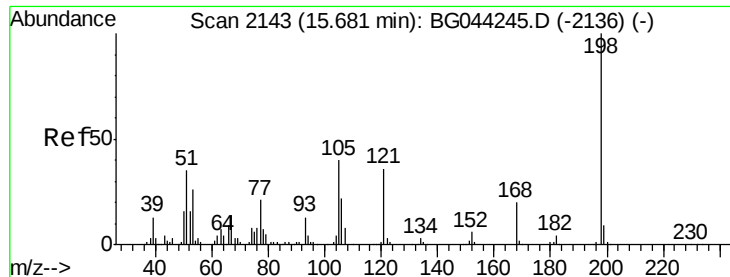
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion:	188	Resp:	608146
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	9.8	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

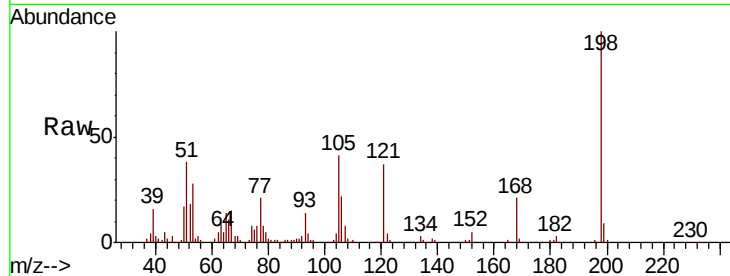




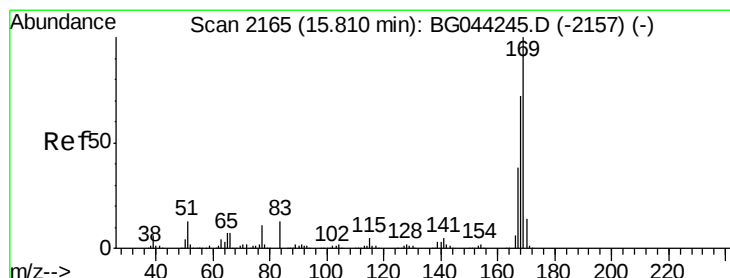
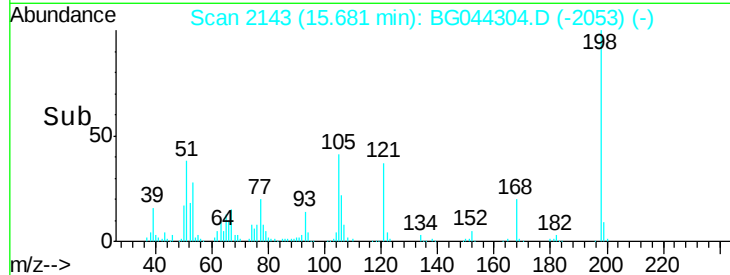
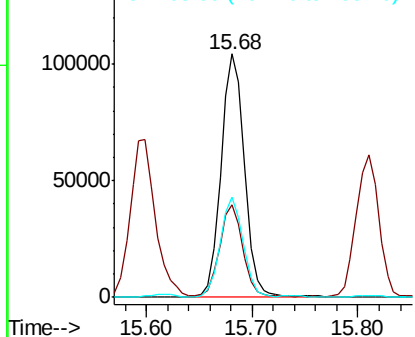
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.048 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.0	16.6	56.6
105	41.3	20.6	60.6

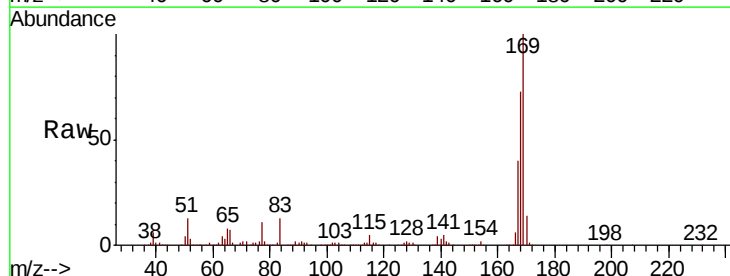


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

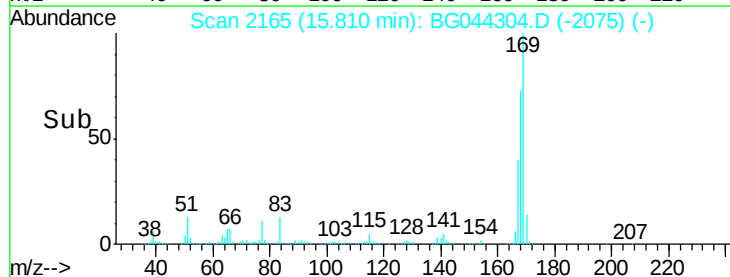
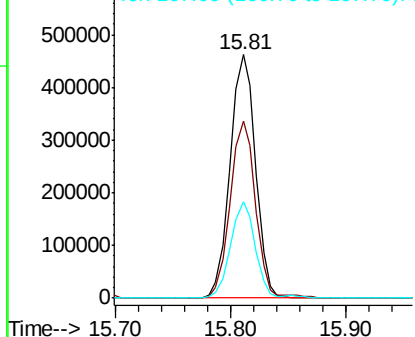


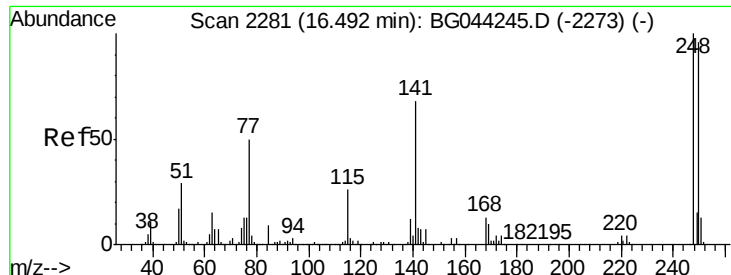
#66
 n-Nitrosodiphenylamine
 Concen: 41.262 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
169	100		
168	73.0	57.9	86.9
167	39.7	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: 39.135 ng

RT: 16.49 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

ClientSampled :

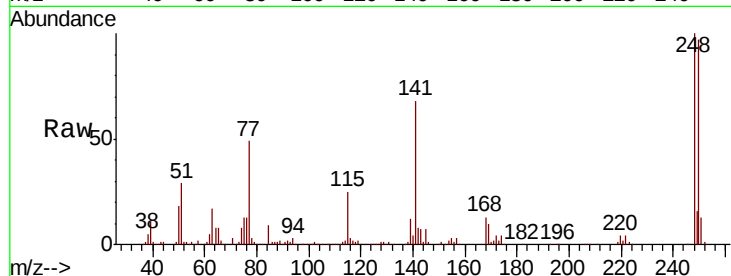
Tot Ion:248 Resp: 259296

Ion Ratio Lower Upper

248 100

250 96.9 76.6 114.8

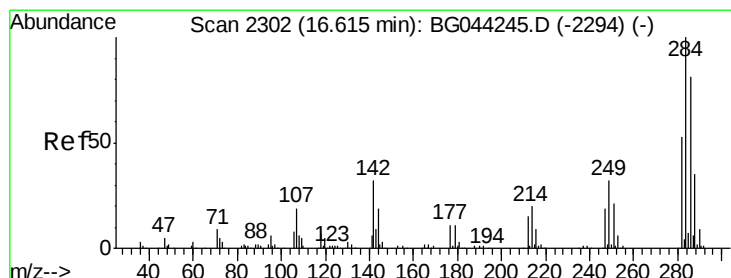
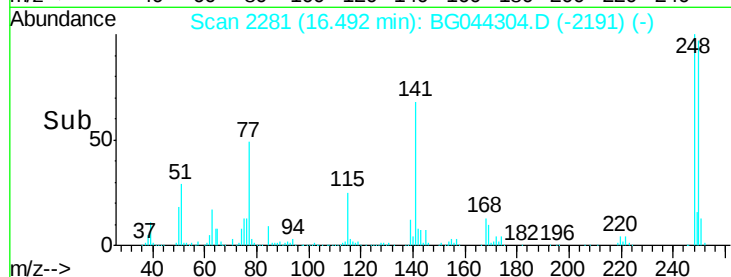
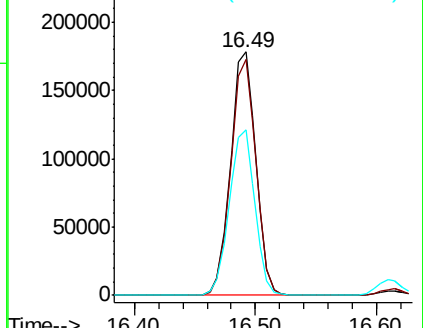
141 68.1 54.7 82.1



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: 38.198 ng

RT: 16.62 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

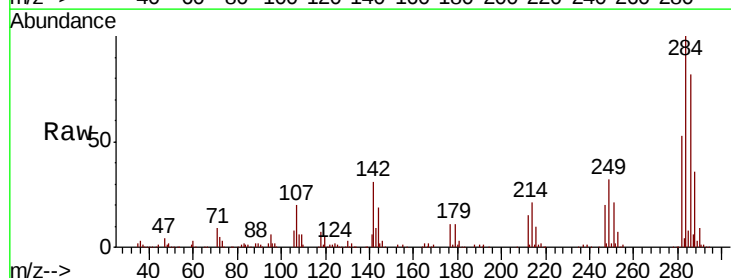
Tgt Ion:284 Resp: 283544

Ion Ratio Lower Upper

284 100

142 31.1 25.3 37.9

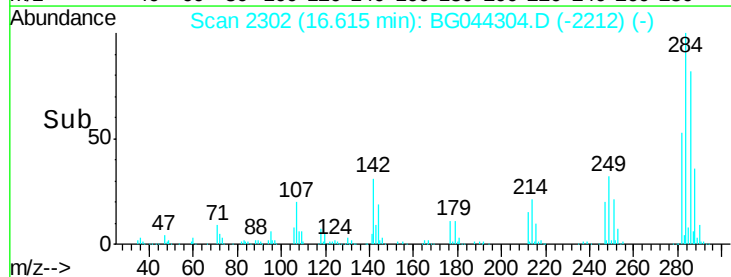
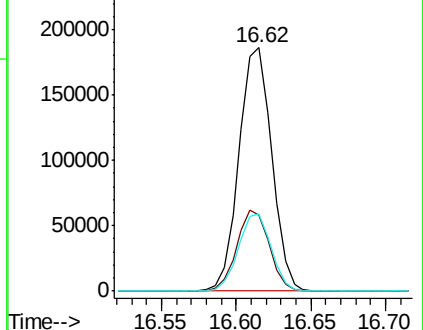
249 31.8 25.5 38.3

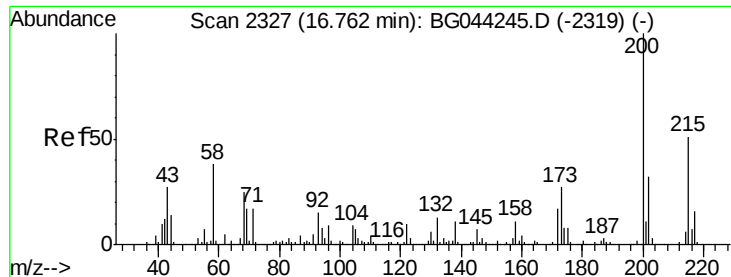


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

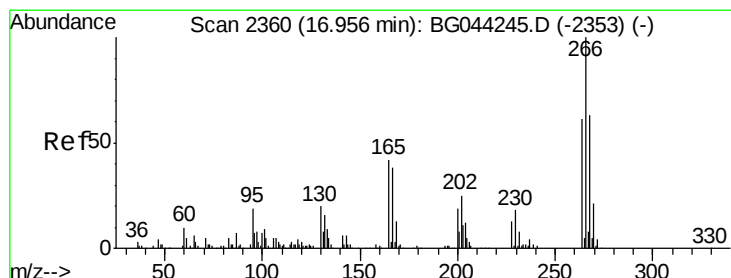
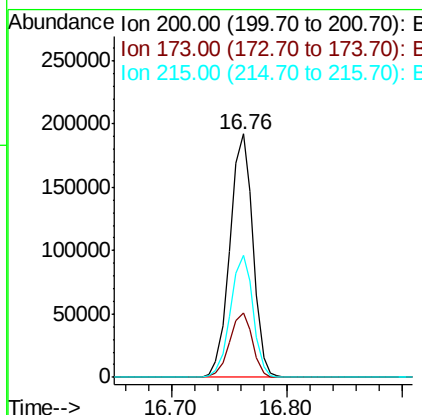
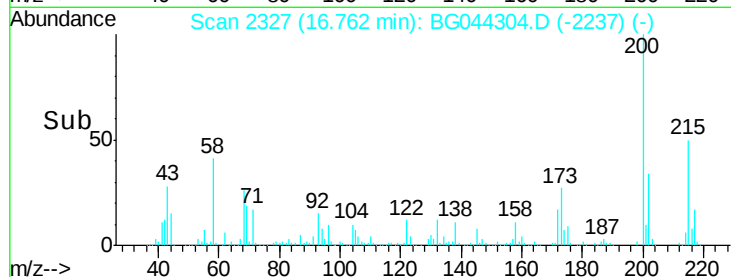
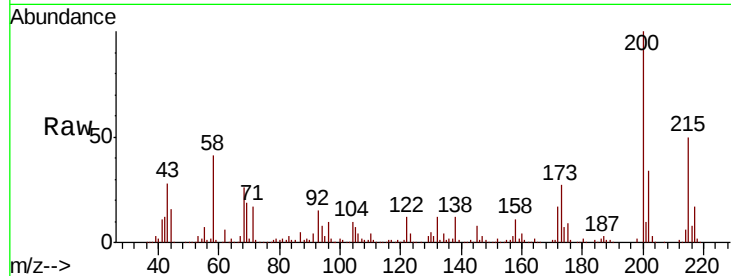




#69
 Atrazine
 Concen: 45.374 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

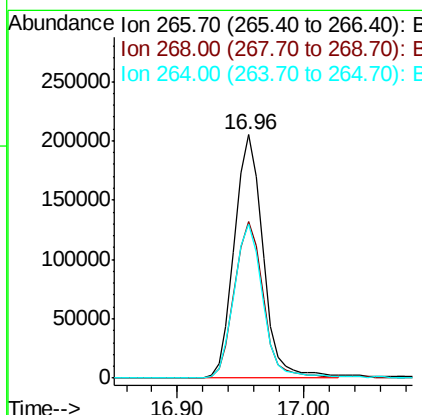
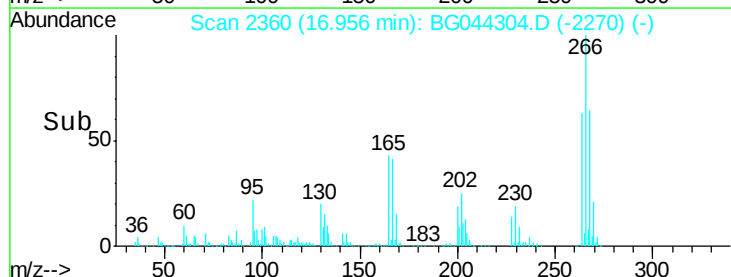
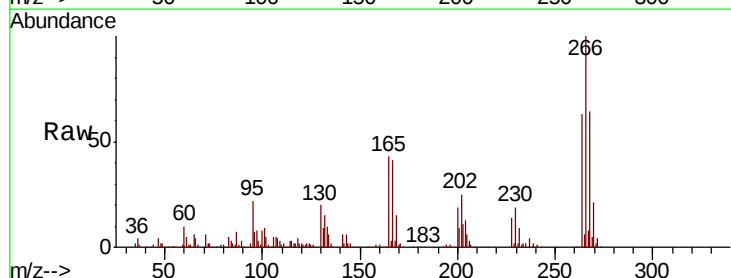
Instrument :
 BNA_G
 ClientSampleId :

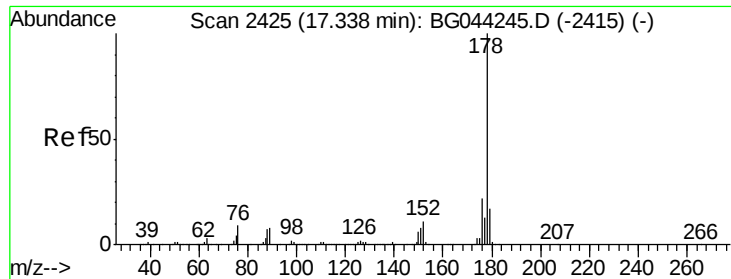
Tot Ion:200 Resp: 265053
 Ion Ratio Lower Upper
 200 100
 173 26.5 6.6 46.6
 215 50.3 31.0 71.0



#70
 Pentachlorophenol
 Concen: 85.425 ng
 RT: 16.96 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Tgt Ion:266 Resp: 321492
 Ion Ratio Lower Upper
 266 100
 268 64.3 50.6 75.8
 264 63.2 48.7 73.1

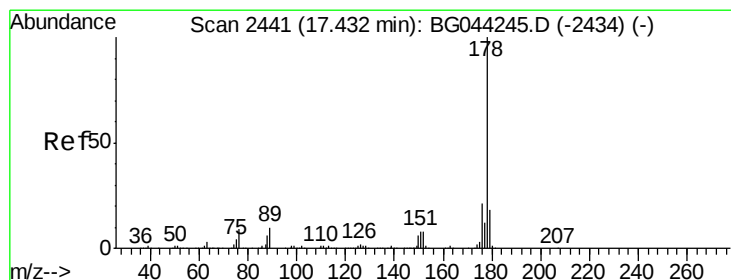
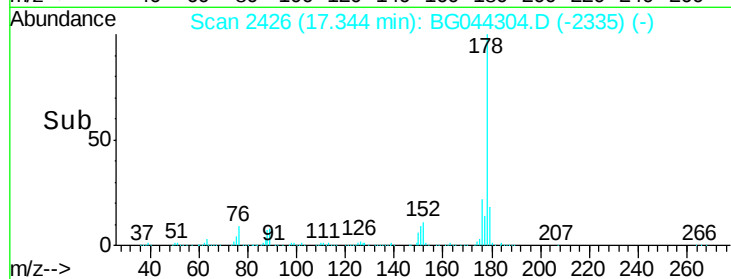
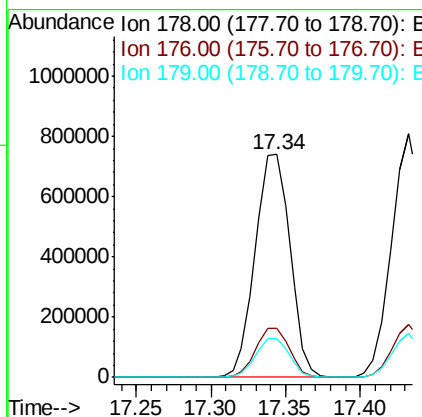
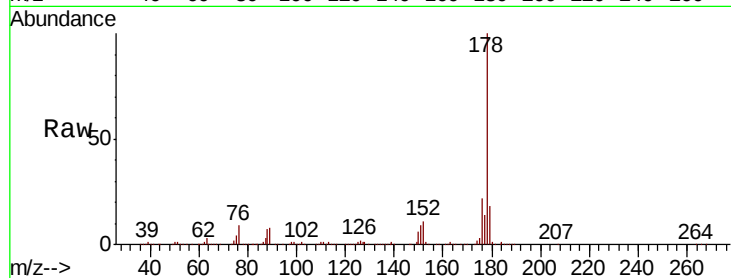




#71
Phenanthrene
Concen: 40.778 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.01 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

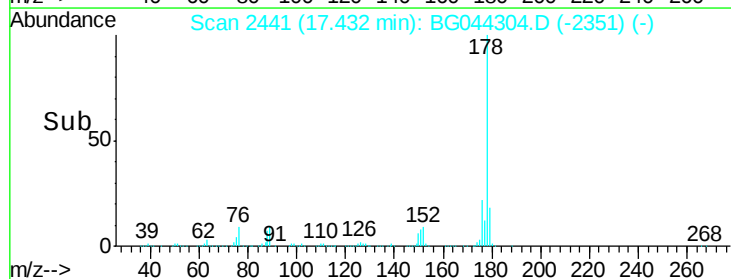
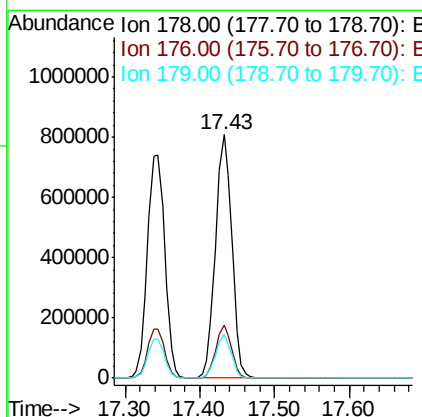
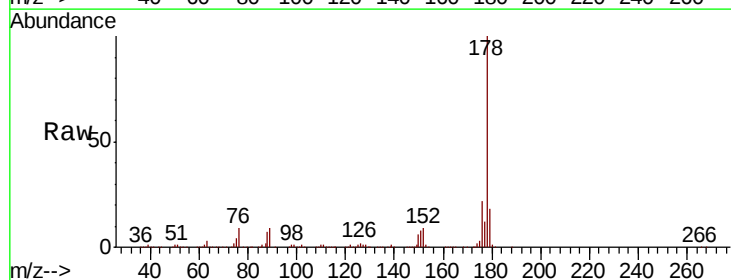
Instrument :
BNA_G
ClientSampleId :

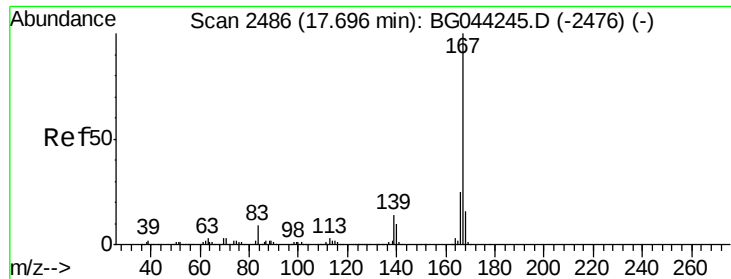
Tot Ion:178 Resp: 1200856
Ion Ratio Lower Upper
178 100
176 22.3 17.7 26.5
179 17.6 13.7 20.5



#72
Anthracene
Concen: 42.104 ng
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion:178 Resp: 1225829
Ion Ratio Lower Upper
178 100
176 21.8 17.0 25.4
179 17.9 14.4 21.6





#73

Carbazole

Concen: 42.096 ng

RT: 17.70 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

ClientSampleId :

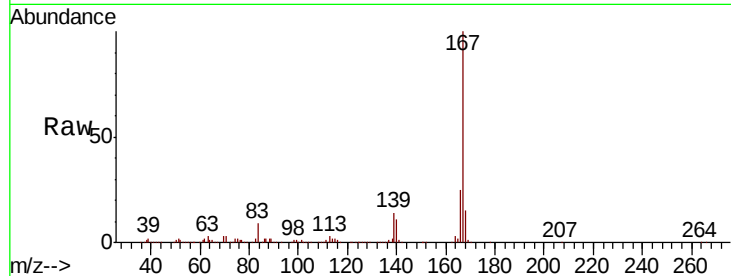
Tot Ion:167 Resp: 1129855

Ion Ratio Lower Upper

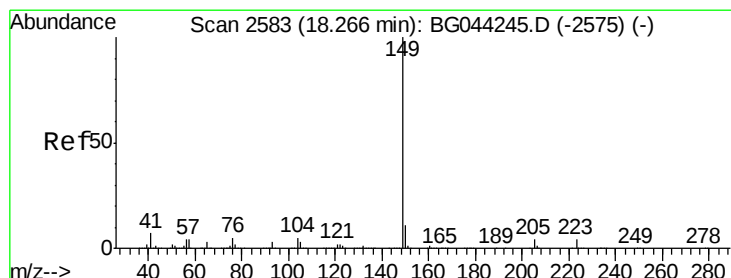
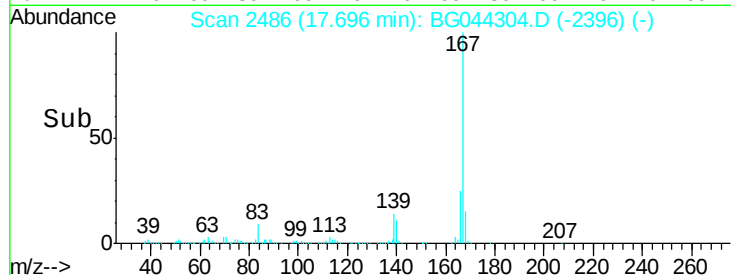
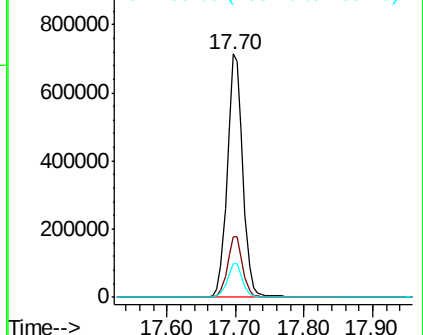
167 100

166 24.8 19.8 29.6

139 13.9 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.082 ng

RT: 18.27 min Scan# 2583

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

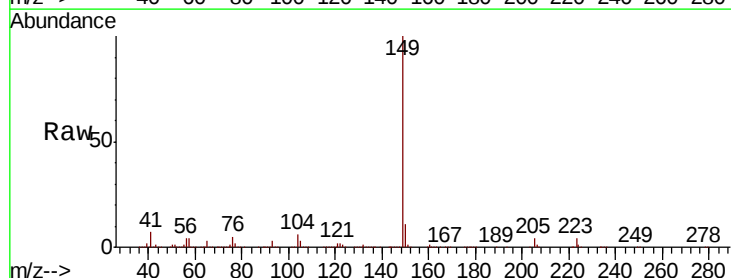
Tgt Ion:149 Resp: 1362628

Ion Ratio Lower Upper

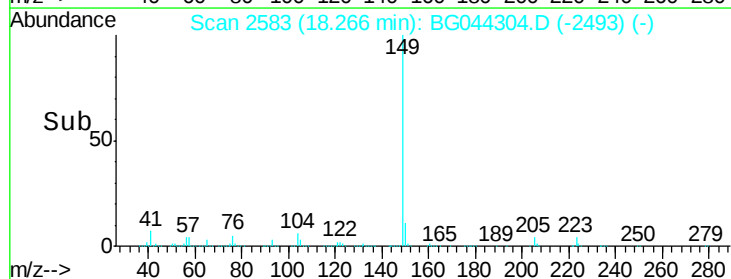
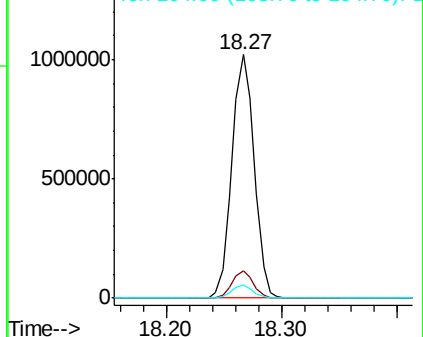
149 100

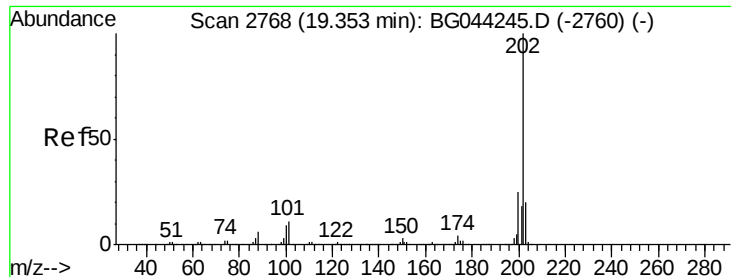
150 11.1 8.7 13.1

104 5.6 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.330 ng

RT: 19.35 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

ClientSampleId :

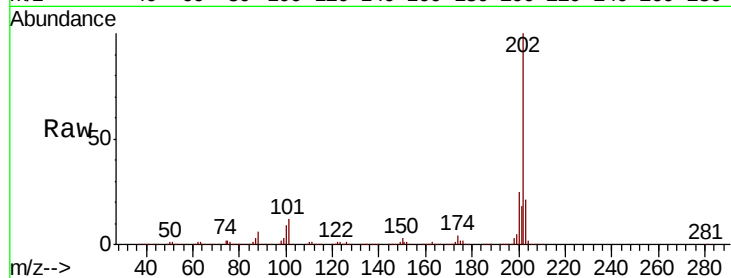
Tot Ion:202 Resp: 1407963

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.3

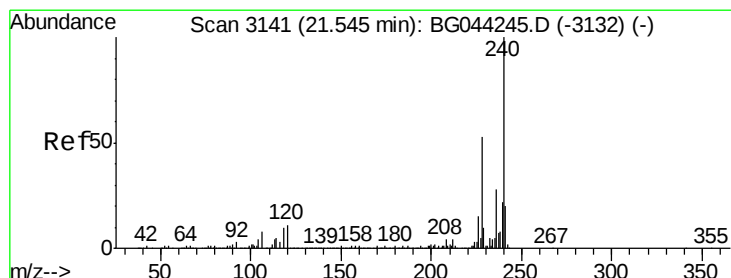
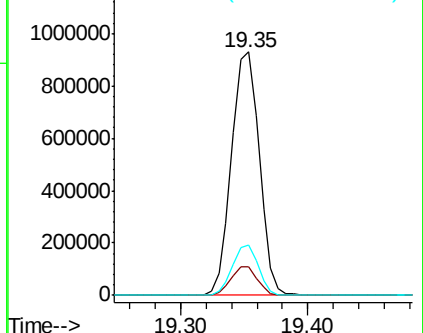
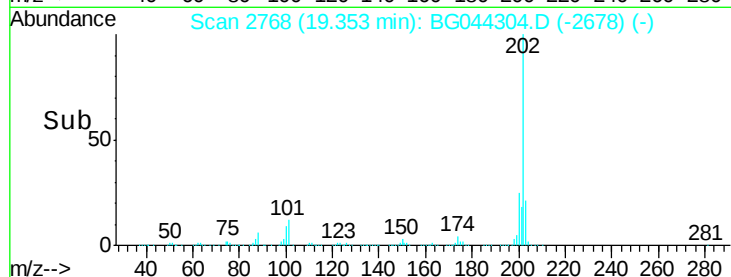
203 20.8 0.0 39.9



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: 21.54 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

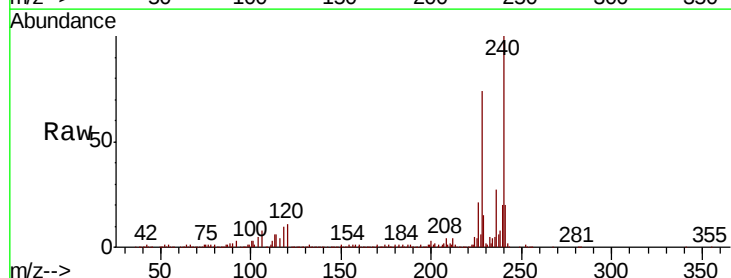
Tgt Ion:240 Resp: 544142

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

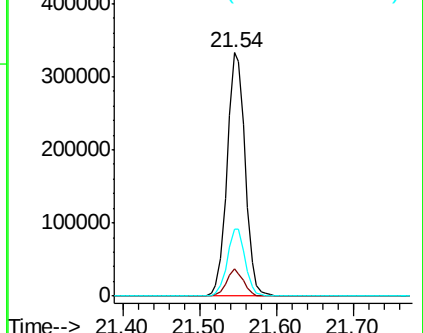
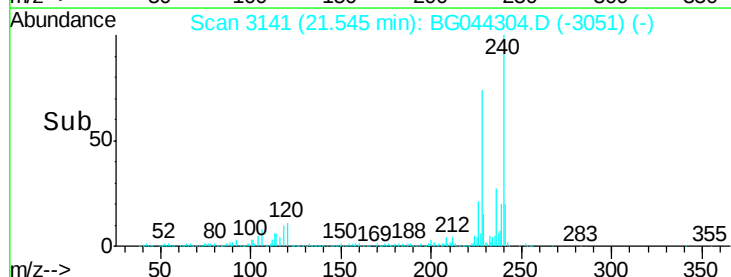
236 27.5 22.1 33.1

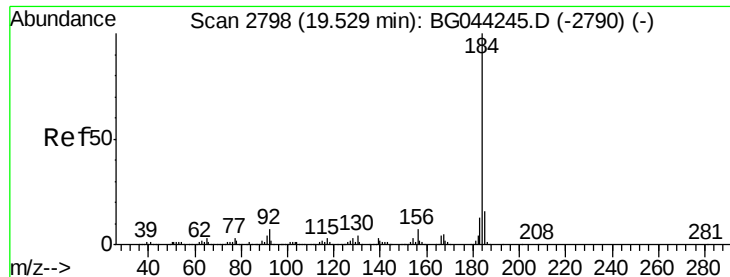


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.450 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

ClientSampleId :

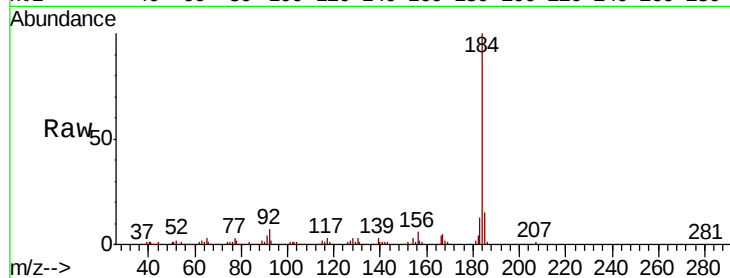
Tot Ion:184 Resp: 293556

Ion Ratio Lower Upper

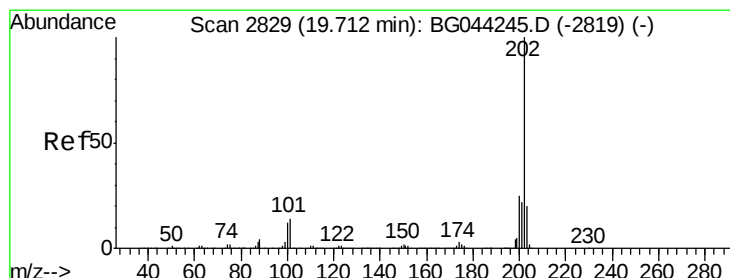
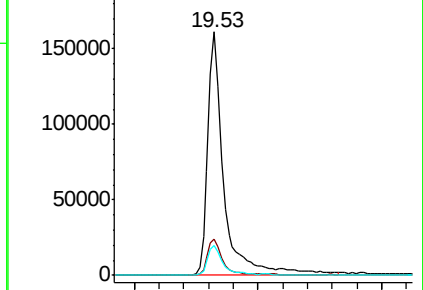
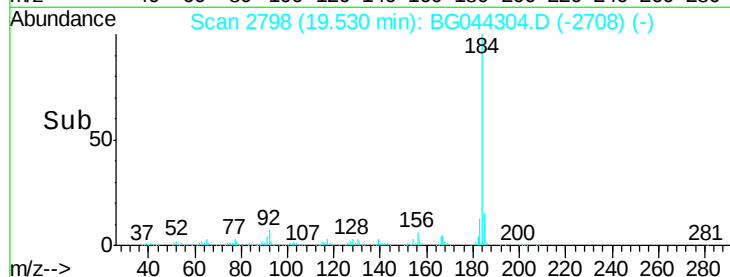
184 100

185 15.0 12.9 19.3

183 12.5 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: 40.780 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

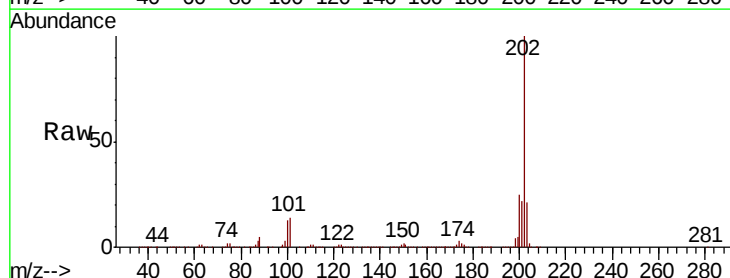
Tgt Ion:202 Resp: 1425072

Ion Ratio Lower Upper

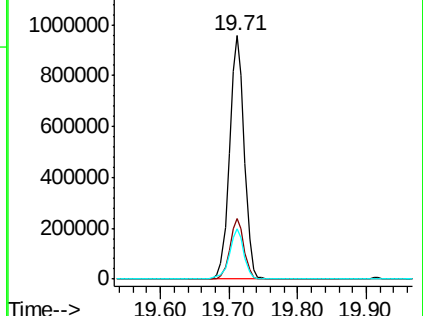
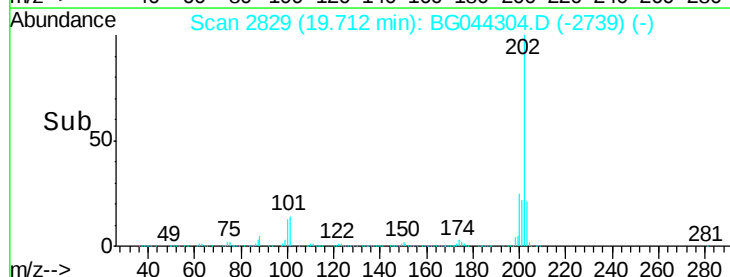
202 100

200 24.8 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



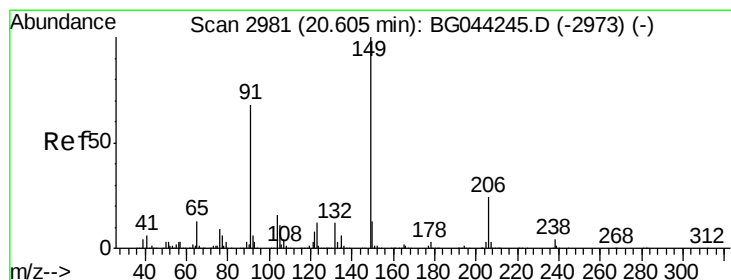
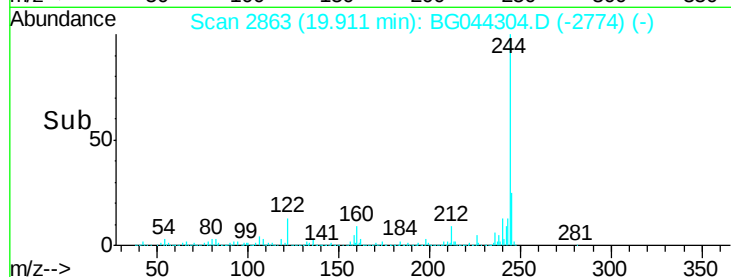
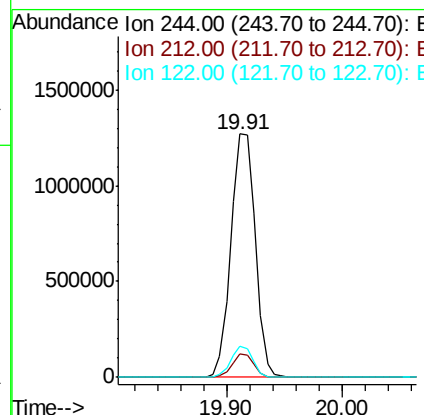
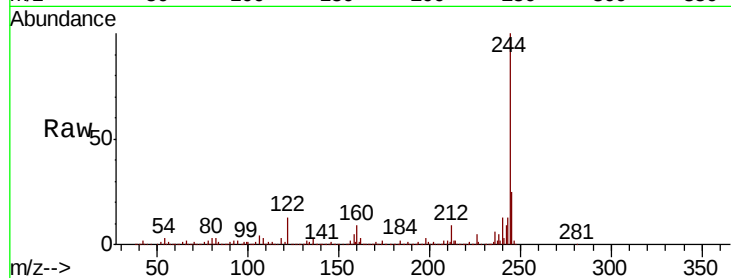


#79
 Terphenyl-d14
 Concen: 70.188 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1856813

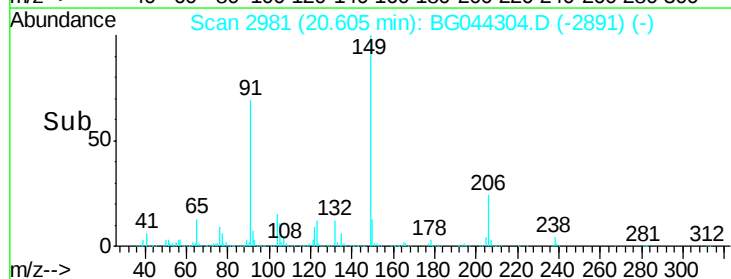
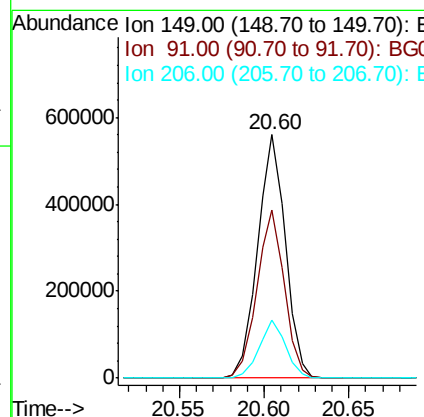
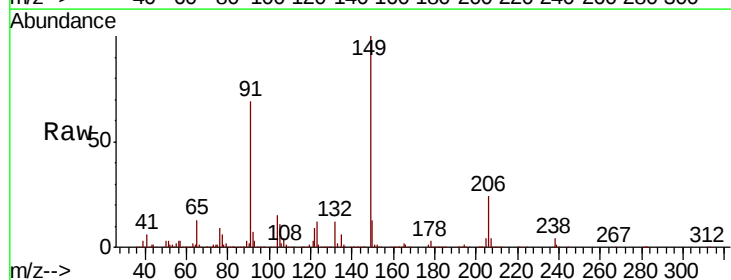
Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.4	11.2
122	12.8	9.8	14.6

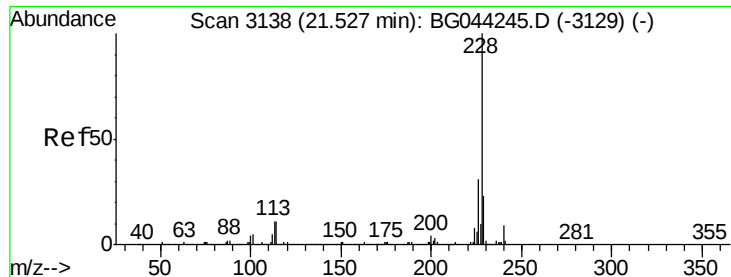


#80
 Butylbenzylphthalate
 Concen: 40.332 ng
 RT: 20.60 min Scan# 2981
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Tgt Ion:149 Resp: 642279

Ion	Ratio	Lower	Upper
149	100		
91	68.8	54.5	81.7
206	24.0	19.1	28.7

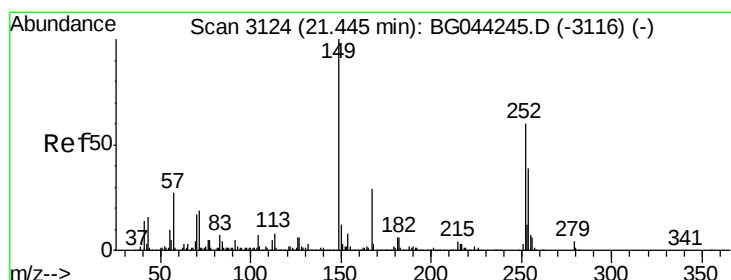
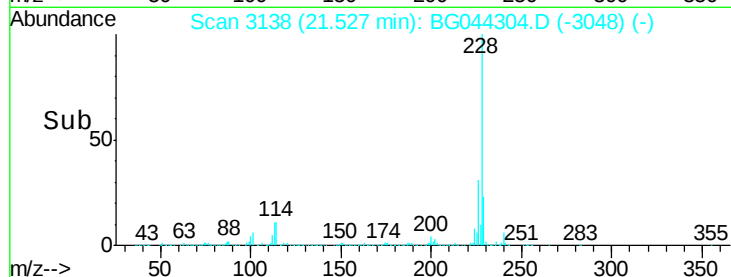
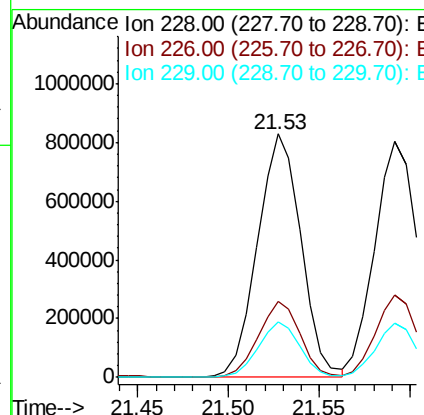
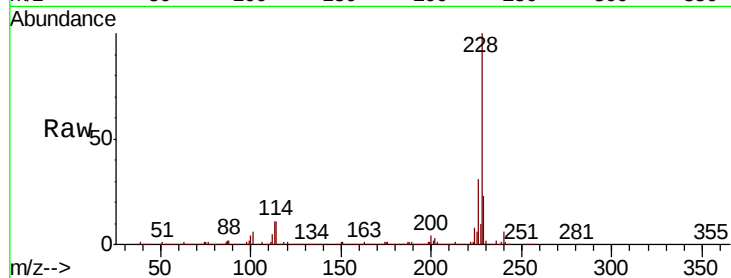




#81
Benzo(a)anthracene
Concen: 41.075 ng
RT: 21.53 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

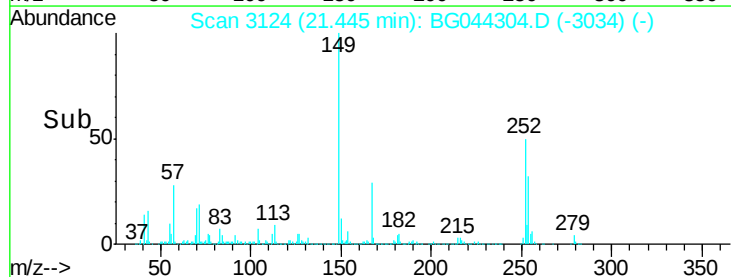
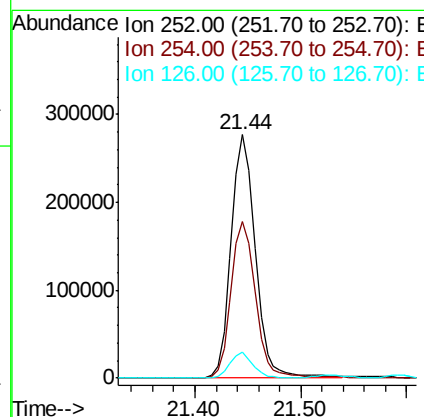
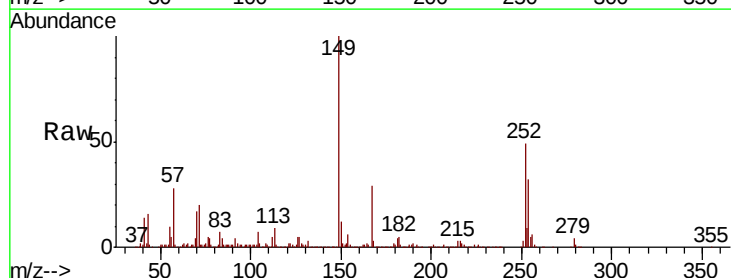
Instrument :
BNA_G
ClientSampleId :

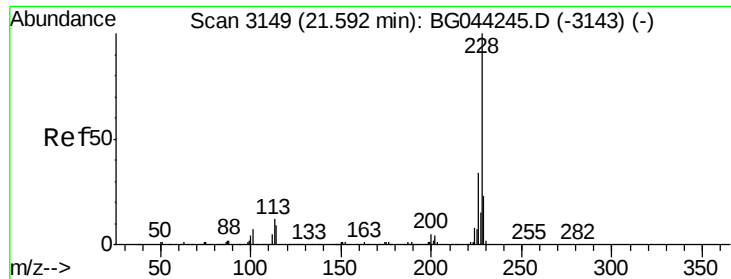
Tot Ion:228 Resp: 1377502
Ion Ratio Lower Upper
228 100
226 31.3 24.7 37.1
229 23.0 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 33.942 ng
RT: 21.44 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion:252 Resp: 441781
Ion Ratio Lower Upper
252 100
254 64.5 52.6 78.8
126 10.5 8.2 12.4

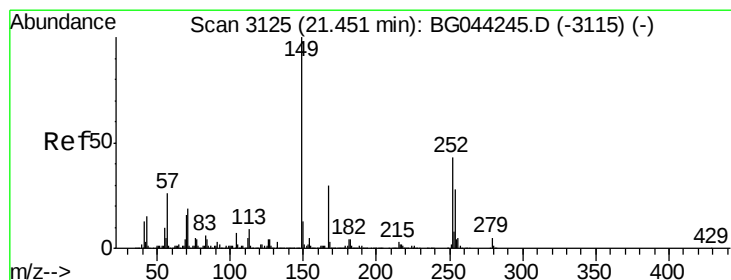
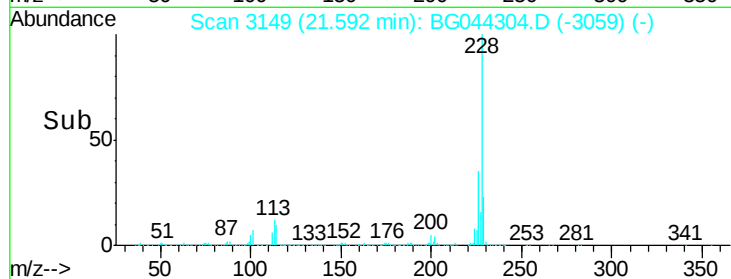
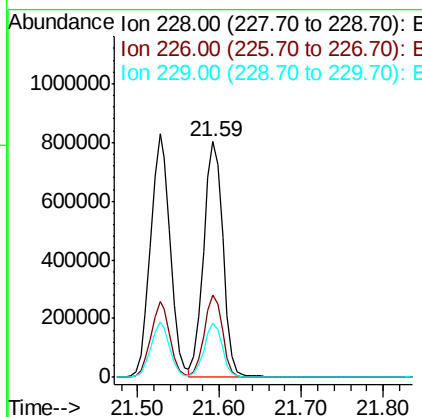
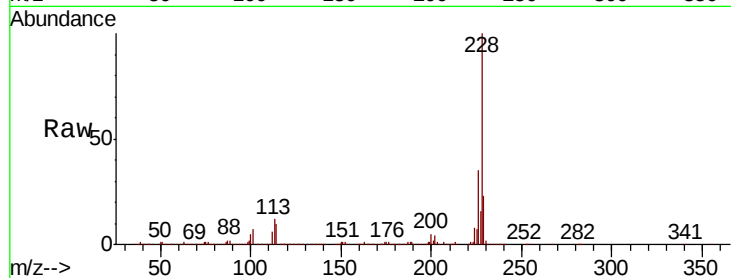




#83
 Chrvsene
 Concen: 40.596 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

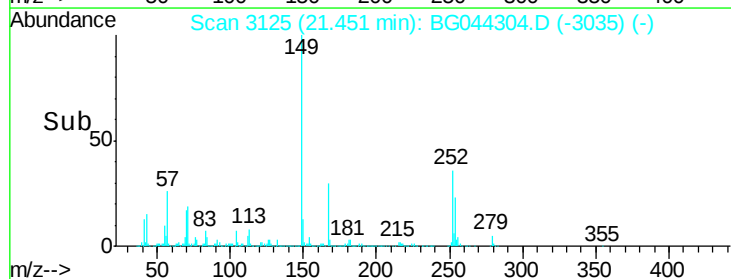
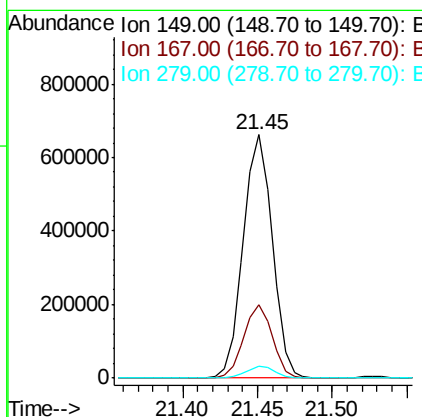
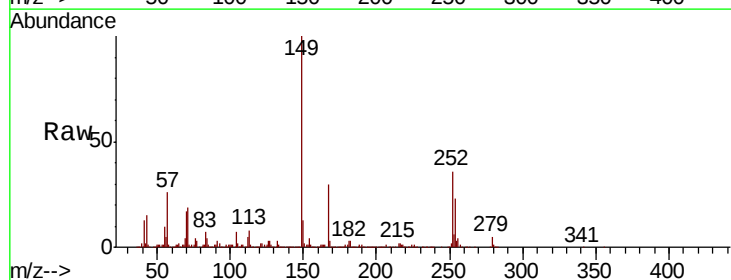
Instrument :
 BNA_G
 ClientSampleId :

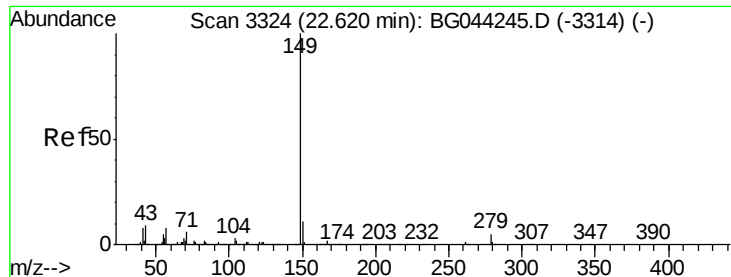
Tot Ion:228 Resp: 1315942
 Ion Ratio Lower Upper
 228 100
 226 34.7 27.1 40.7
 229 22.9 17.9 26.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.766 ng
 RT: 21.45 min Scan# 3125
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Tgt Ion:149 Resp: 893552
 Ion Ratio Lower Upper
 149 100
 167 30.1 24.0 36.0
 279 4.8 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 41.461 ng

RT: 22.62 min Scan# 3324

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

ClientSampleId :

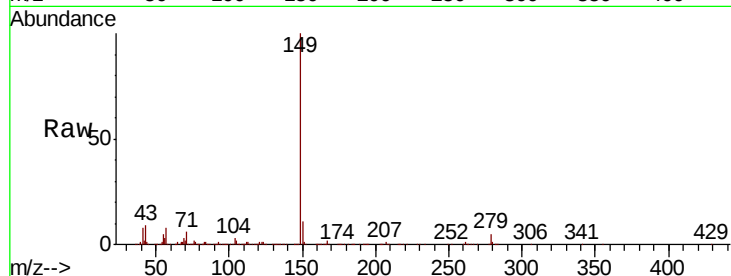
Tot Ion:149 Resp: 1572432

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

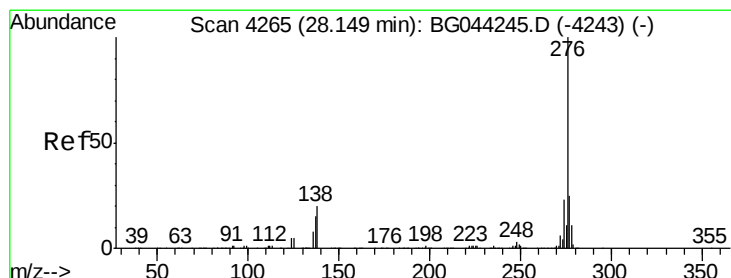
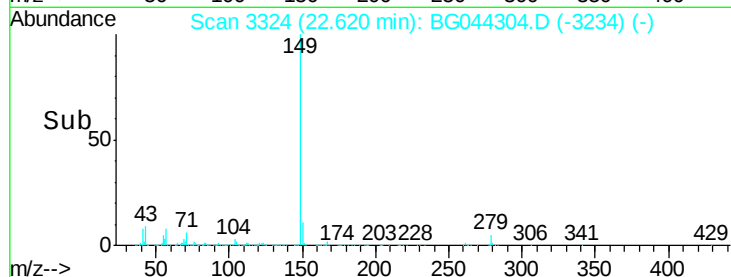
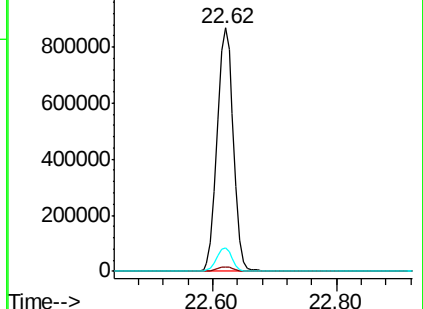
43 9.1 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.237 ng

RT: 28.15 min Scan# 4266

Delta R.T. 0.01 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

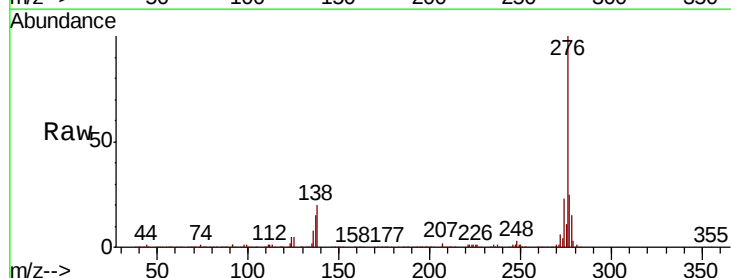
Tgt Ion:276 Resp: 1701663

Ion Ratio Lower Upper

276 100

138 24.0 19.4 29.0

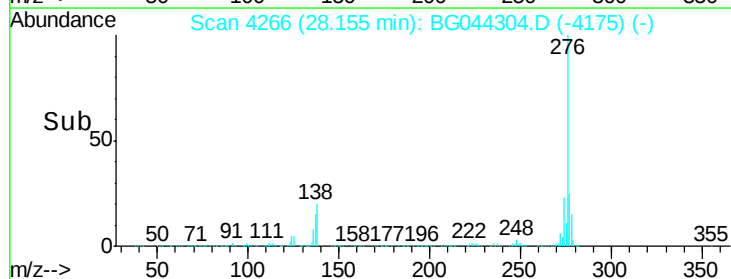
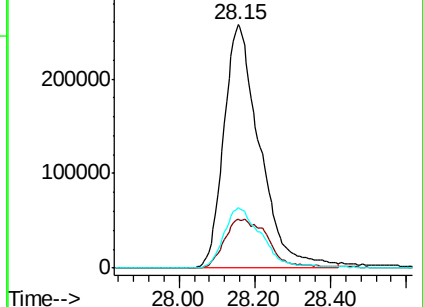
277 26.0 21.0 31.6

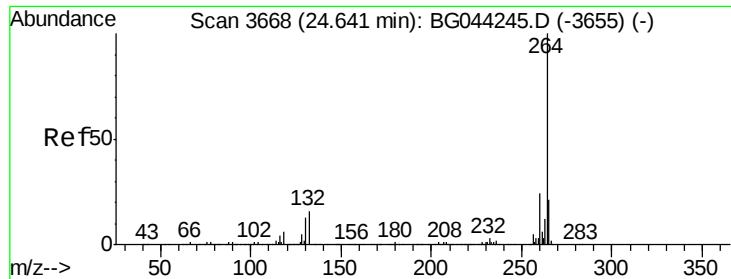


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



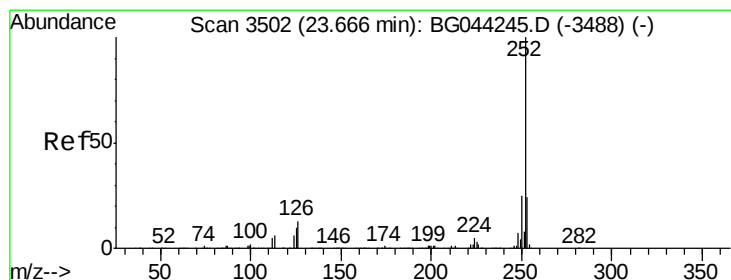
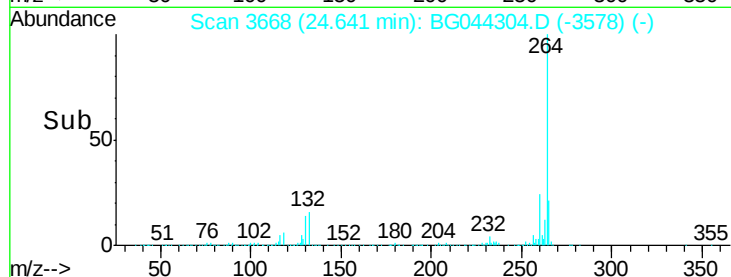
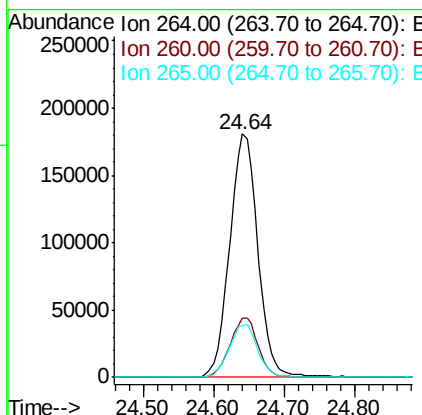
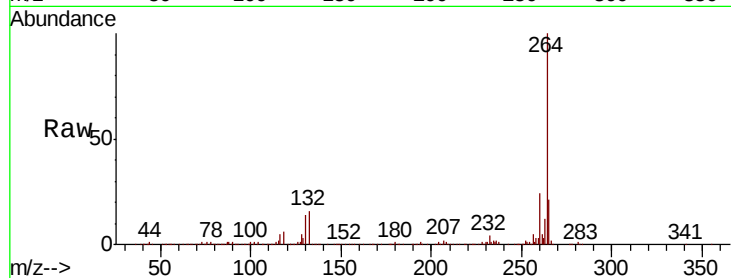


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3668
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 500371

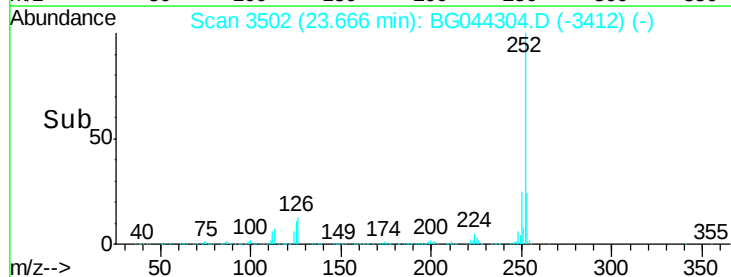
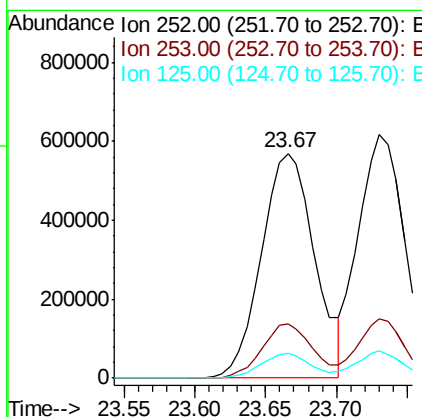
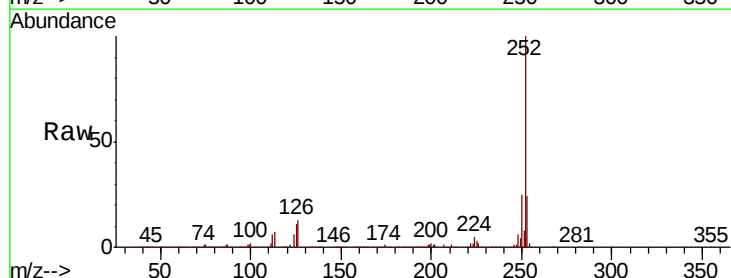
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.4	16.7	25.1

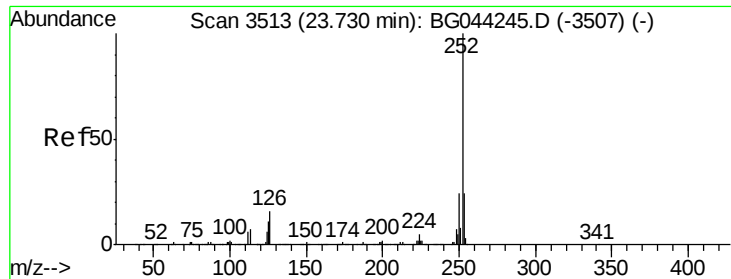


#88
Benzo(b)fluoranthene
Concen: 51.984 ng
RT: 23.67 min Scan# 3502
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion:252 Resp: 1498853

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.2	28.8
125	10.9	8.4	12.6

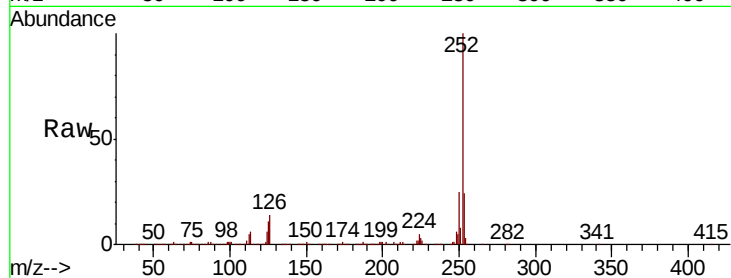




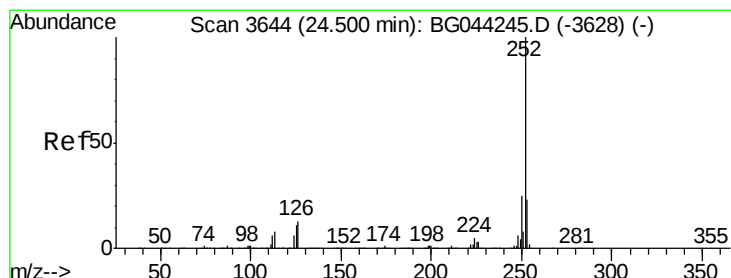
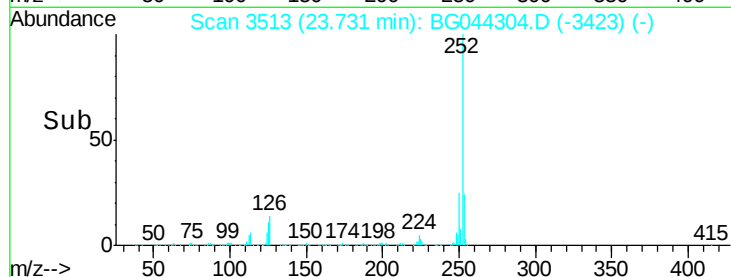
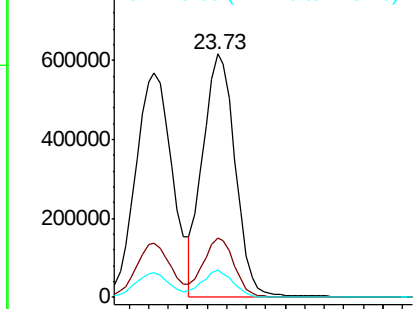
#89
Benzo(k)fluoranthene
Concen: 50.219 ng
RT: 23.73 min Scan# 3513
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1411245
Ion Ratio Lower Upper
252 100
253 24.2 19.1 28.7
125 11.2 8.6 12.8

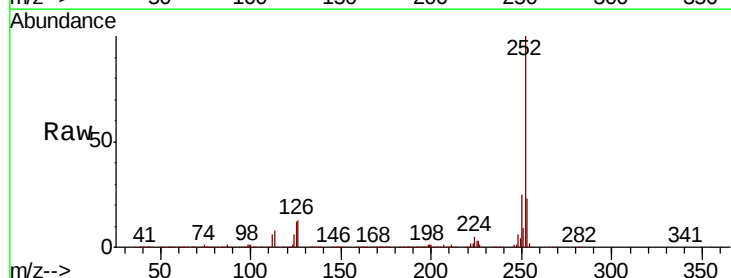


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

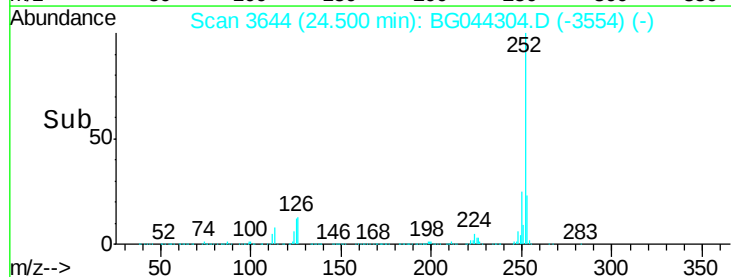
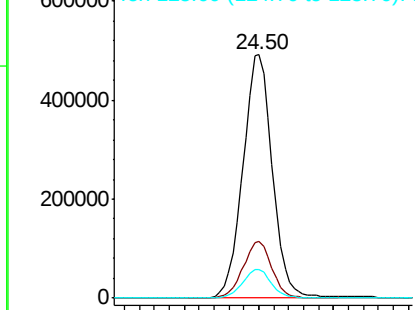


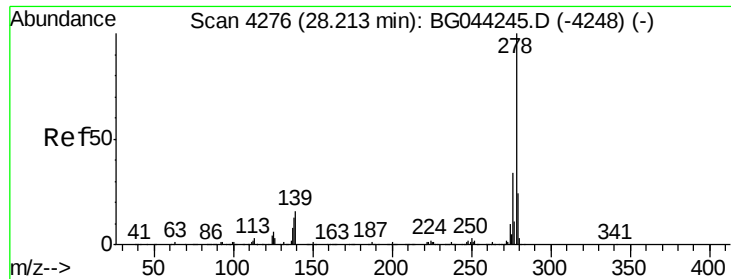
#90
Benzo(a)pyrene
Concen: 49.293 ng
RT: 24.50 min Scan# 3644
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion:252 Resp: 1343799
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 11.6 8.6 13.0



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

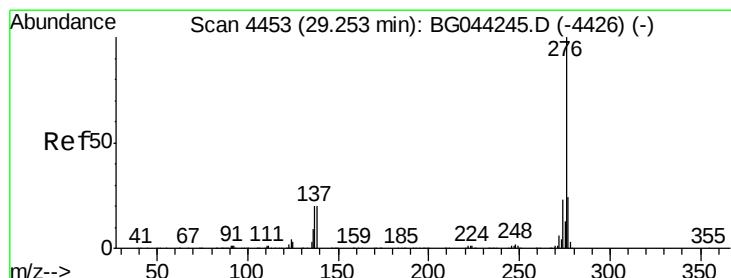
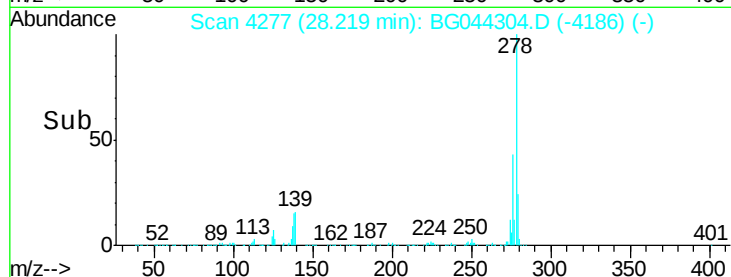
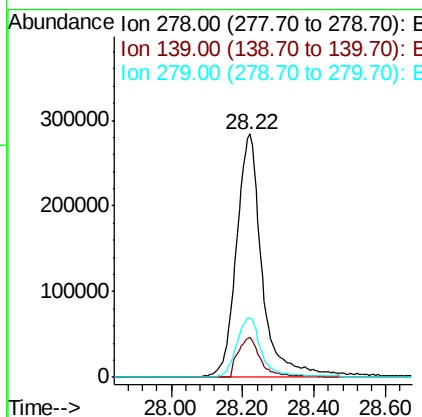
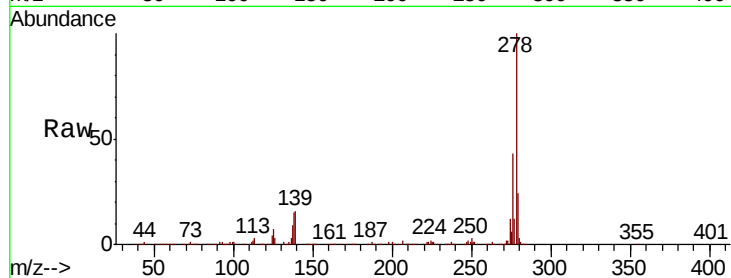




#91
Dibenzo(a,h)anthracene
Concen: 52.588 ng
RT: 28.22 min Scan# 4277
Delta R.T. 0.01 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1418801
Ion Ratio Lower Upper
278 100
139 16.5 12.7 19.1
279 24.5 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 52.974 ng
RT: 29.25 min Scan# 4453
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion:276 Resp: 1430753
Ion Ratio Lower Upper
276 100
277 24.1 18.8 28.2
138 20.8 16.2 24.2

