

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
 Data File : BG044282.D
 Acq On : 4 Feb 2020 15:39
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 05 04:36:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	109116	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	440722	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	285414	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	610974	20.00	ng	0.00
76) Chrysene-d12	21.55	240	532245	20.00	ng	0.00
87) Perylene-d12	24.65	264	617531	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	500285	80.92	ng	0.00
7) Phenol-d6	7.09	99	664477	80.03	ng	0.00
23) Nitrobenzene-d5	9.08	82	619988	79.42	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	266456	79.52	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1354885	79.49	ng	0.00
79) Terphenyl-d14	19.92	244	1933844	74.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	115149	41.452	ng	97
3) Pyridine	3.78	79	314591	42.507	ng	96
4) n-Nitrosodimethylamine	3.69	42	122922	39.747	ng	98
6) Aniline	7.24	93	411029	39.884	ng	98
8) 2-Chlorophenol	7.48	128	269967	39.730	ng	99
9) Benzaldehyde	7.05	77	184143	38.943	ng	97
10) Phenol	7.11	94	327979	39.916	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	274259	39.042	ng	97
12) 1,3-Dichlorobenzene	7.81	146	323052	39.819	ng	99
13) 1,4-Dichlorobenzene	7.95	146	321115	39.963	ng	97
14) 1,2-Dichlorobenzene	8.27	146	303762	39.995	ng	99
15) Benzyl Alcohol	8.15	79	236027	40.154	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	385576	40.553	ng	99
17) 2-Methylphenol	8.36	107	232080	39.587	ng	99
18) Hexachloroethane	9.01	117	120507	39.965	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	218165	39.428	ng	98
20) 3+4-Methylphenols	8.69	107	323334	40.020	ng	98
22) Acetophenone	8.73	105	425791	39.714	ng	# 99
24) Nitrobenzene	9.12	77	301435	39.553	ng	99
25) Isophorone	9.64	82	580458	39.894	ng	99
26) 2-Nitrophenol	9.83	139	160101	40.486	ng	97
27) 2,4-Dimethylphenol	9.89	122	224690	40.252	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	388598	40.035	ng	100
29) 2,4-Dichlorophenol	10.37	162	271243	40.186	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	310305	40.093	ng	99
31) Naphthalene	10.77	128	857161	40.087	ng	99
32) Benzoic acid	10.05	122	99260	33.197	ng	99
33) 4-Chloroaniline	10.87	127	387770	39.874	ng	99
34) Hexachlorobutadiene	11.07	225	187872	39.449	ng	97
35) Caprolactam	11.64	113	101846	41.191	ng	99
36) 4-Chloro-3-methylphenol	12.01	107	284118	40.148	ng	98
37) 2-Methylnaphthalene	12.38	142	629829	39.672	ng	100
38) 1-Methylnaphthalene	12.60	142	597690	39.932	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	337399	39.519	ng	99

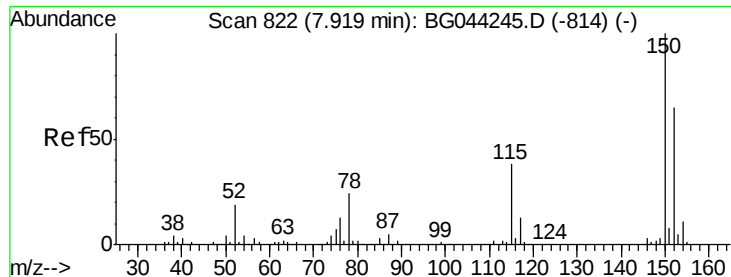
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
 Data File : BG044282.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	162546	39.678	nq	100
43) 2,4,6-Trichlorophenol	12.99	196	220664	39.986	nq	100
44) 2,4,5-Trichlorophenol	13.07	196	226407	40.167	nq	99
46) 1,1'-Biphenyl	13.39	154	815726	39.623	nq	100
47) 2-Chloronaphthalene	13.43	162	647162	39.504	nq	99
48) 2-Nitroaniline	13.63	65	193800	40.085	nq	96
49) Acenaphthylene	14.28	152	960436	39.971	nq	99
50) Dimethylphthalate	14.01	163	819617	39.949	nq	100
51) 2,6-Dinitrotoluene	14.12	165	181198	39.611	nq	98
52) Acenaphthene	14.62	154	614405	39.449	nq	97
53) 3-Nitroaniline	14.46	138	203544	40.219	nq	98
54) 2,4-Dinitrophenol	14.66	184	94991	39.329	nq	99
55) Dibenzofuran	14.96	168	938901	39.817	nq	99
56) 4-Nitrophenol	14.77	139	153004	41.272	nq	98
57) 2,4-Dinitrotoluene	14.92	165	256541	40.013	nq	97
58) Fluorene	15.60	166	741409	39.919	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	205324	40.328	nq	99
60) Diethylphthalate	15.38	149	827810	40.494	nq	99
61) 4-Chlorophenyl-phenylether	15.60	204	397619	39.484	nq	99
62) 4-Nitroaniline	15.62	138	205555	40.647	nq	98
63) Azobenzene	15.89	77	723907	40.404	nq	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	138526	41.074	nq	98
66) n-Nitrosodiphenylamine	15.81	169	687504	40.153	nq	99
67) 4-Bromophenyl-phenylether	16.49	248	266691	40.065	nq	99
68) Hexachlorobenzene	16.61	284	293673	39.380	nq	97
69) Atrazine	16.76	200	240635	41.003	nq	99
70) Pentachlorophenol	16.96	266	143660	39.740	nq	98
71) Phenanthrene	17.34	178	1188981	40.188	nq	99
72) Anthracene	17.44	178	1183990	40.478	nq	99
73) Carbazole	17.70	167	1097156	40.688	nq	100
74) Di-n-butylphthalate	18.27	149	1408905	42.281	nq	100
75) Fluoranthene	19.35	202	1390095	40.617	nq	99
77) Benzidine	19.53	184	640886	43.411	nq	100
78) Pyrene	19.72	202	1387760	40.600	nq	99
80) Butylbenzylphthalate	20.60	149	651215	41.807	nq	97
81) Benzo(a)anthracene	21.53	228	1325909	40.421	nq	99
82) 3,3'-Dichlorobenzidine	21.45	252	534252	41.964	nq	99
83) Chrysene	21.60	228	1278724	40.329	nq	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	895394	41.763	nq	100
85) Di-n-octyl phthalate	22.62	149	1573406	42.414	nq	100
86) Indeno(1,2,3-cd)pyrene	28.17	276	1642982	39.718	nq	100
88) Benzo(b)fluoranthene	23.67	252	1433347	40.280	nq	99
89) Benzo(k)fluoranthene	23.73	252	1417201	40.863	nq	100
90) Benzo(a)pyrene	24.50	252	1362983	40.511	nq	98
91) Dibenzo(a,h)anthracene	28.22	278	1326430	39.836	nq	98
92) Benzo(g,h,i)perylene	29.25	276	1319221	39.578	nq	99

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

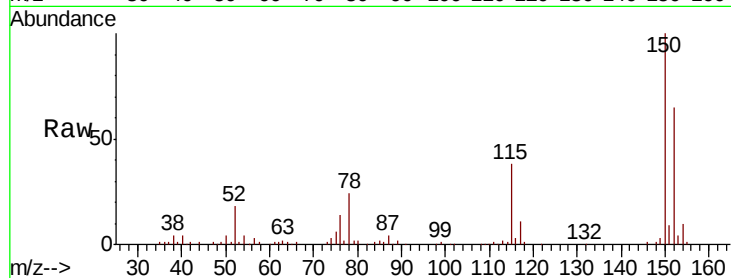


#1

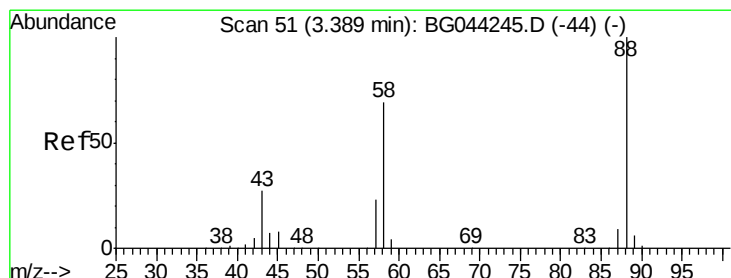
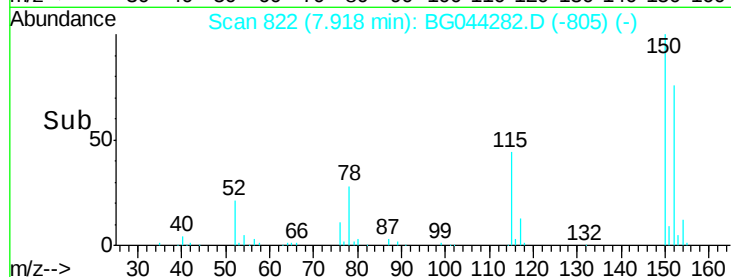
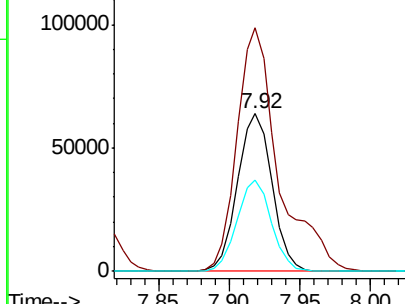
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG044282.D
 Acq: 4 Feb 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.6	183.8
115	58.2	46.0	69.0



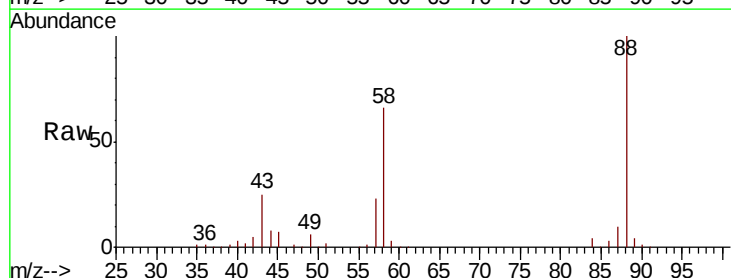
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



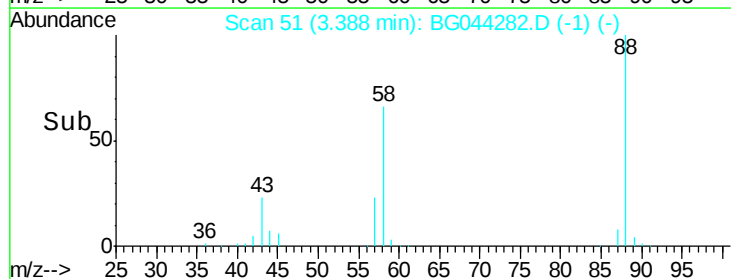
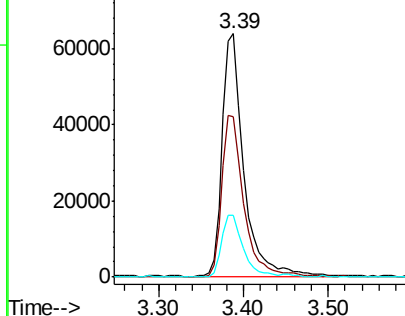
#2

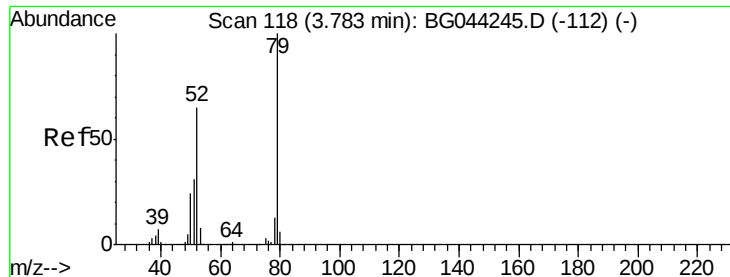
1,4-Dioxane
 Concen: 41.452 ng
 RT: 3.39 min Scan# 51
 Delta R.T. -0.00 min
 Lab File: BG044282.D
 Acq: 4 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.6	55.8	83.6
43	25.2	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: 42.507 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

Instrument :

BNA_G

ClientSampleId :

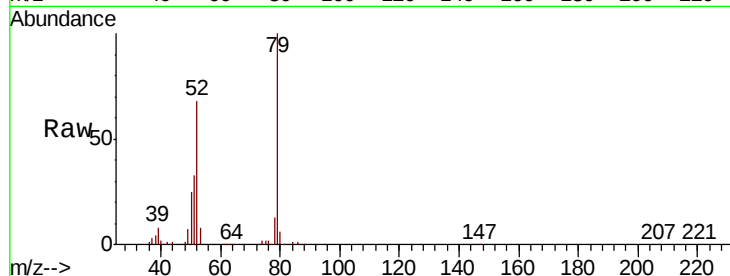
Tot Ion: 79 Resp: 314591

Ion Ratio Lower Upper

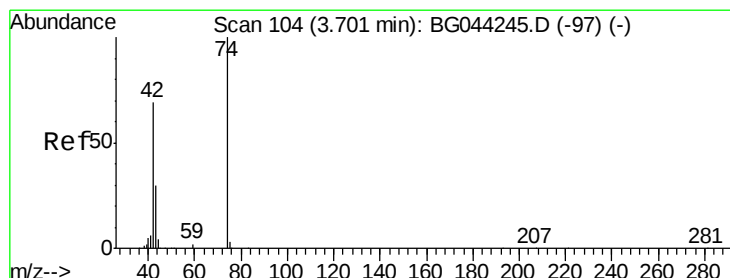
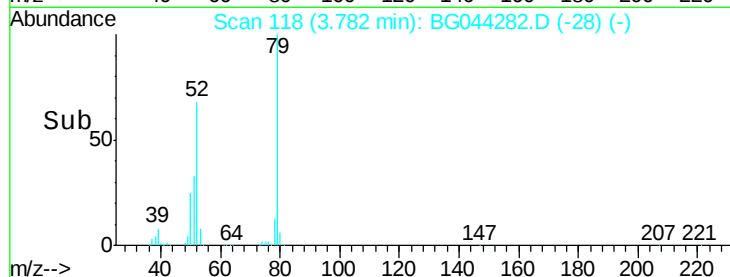
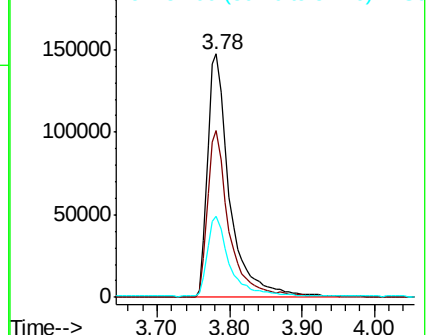
79 100

52 68.4 51.9 77.9

51 33.5 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: 39.747 ng

RT: 3.69 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

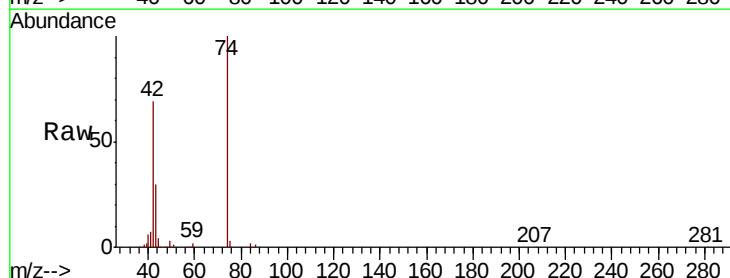
Tgt Ion: 42 Resp: 122922

Ion Ratio Lower Upper

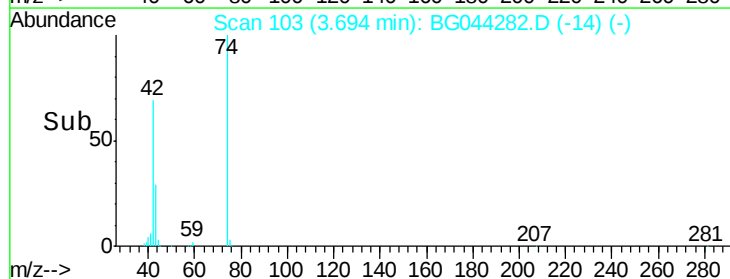
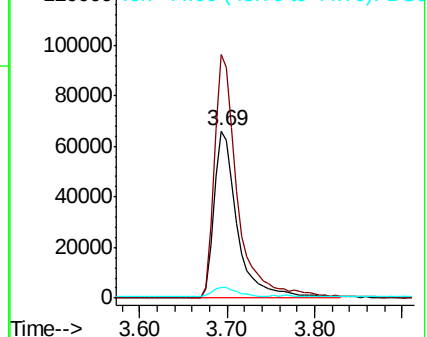
42 100

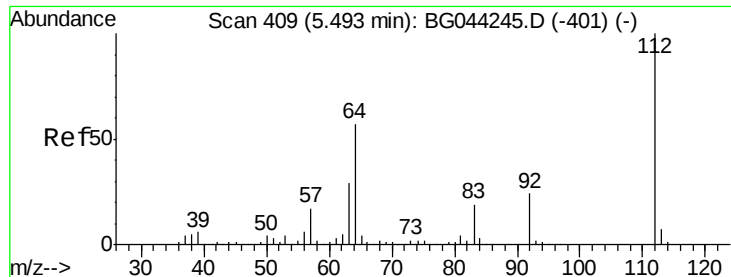
74 145.9 115.1 172.7

44 6.5 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: 80.916 ng

RT: 5.49 min Scan# 409

Delta R.T. -0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

Instrument :

BNA_G

ClientSampleId :

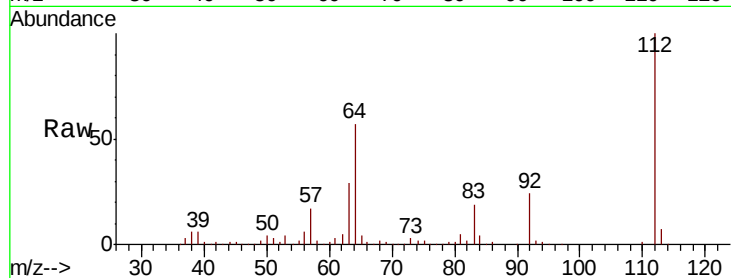
Tot Ion:112 Resp: 500285

Ion Ratio Lower Upper

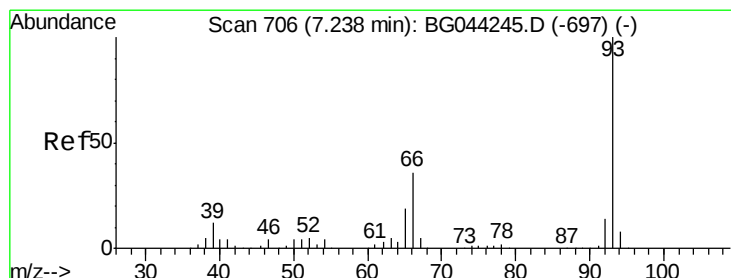
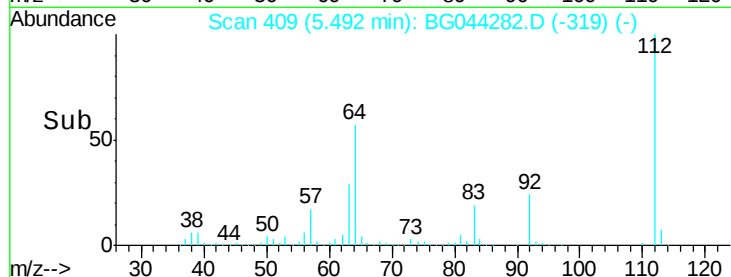
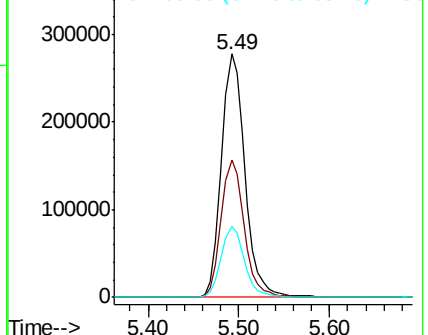
112 100

64 56.6 45.4 68.2

63 29.2 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: 39.884 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

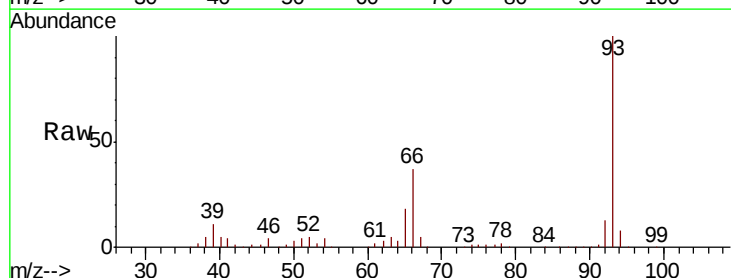
Tgt Ion: 93 Resp: 411029

Ion Ratio Lower Upper

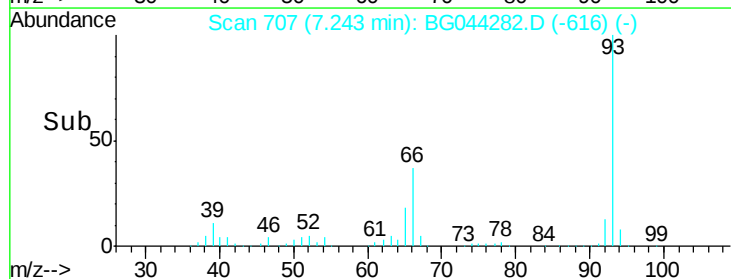
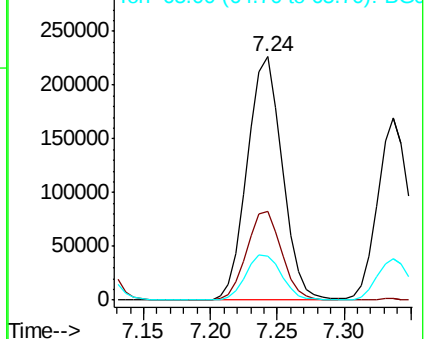
93 100

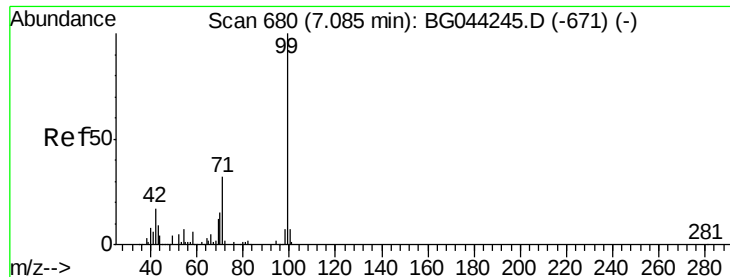
66 36.5 28.7 43.1

65 18.1 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: 80.033 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

Instrument :

BNA_G

ClientSampleId :

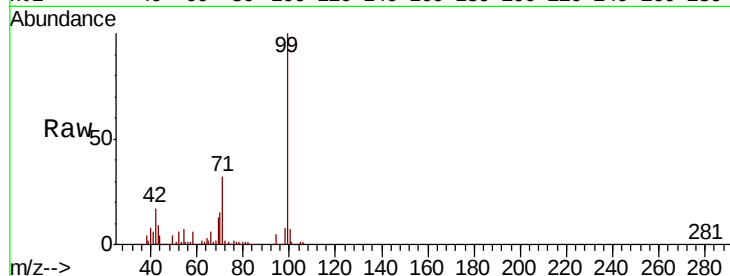
Tot Ion: 99 Resp: 664477

Ion Ratio Lower Upper

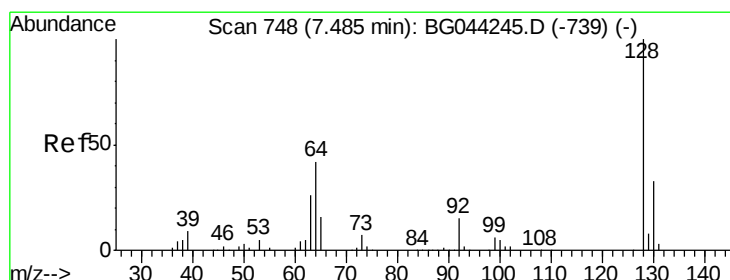
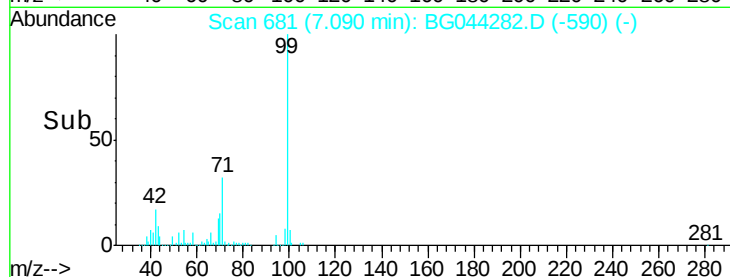
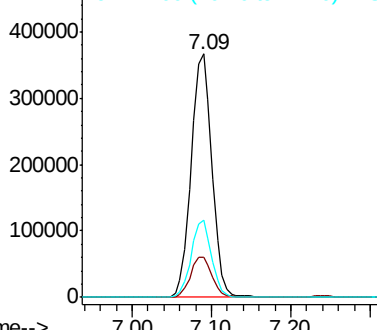
99 100

42 16.6 13.8 20.6

71 31.8 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: 39.730 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

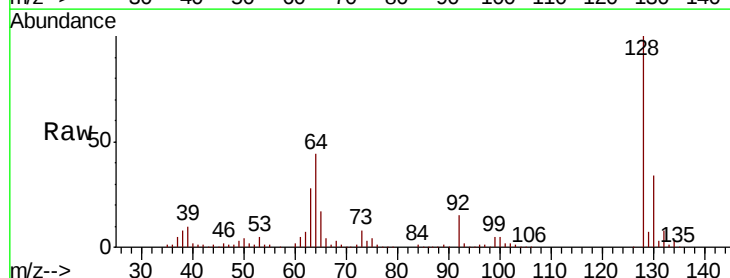
Tgt Ion: 128 Resp: 269967

Ion Ratio Lower Upper

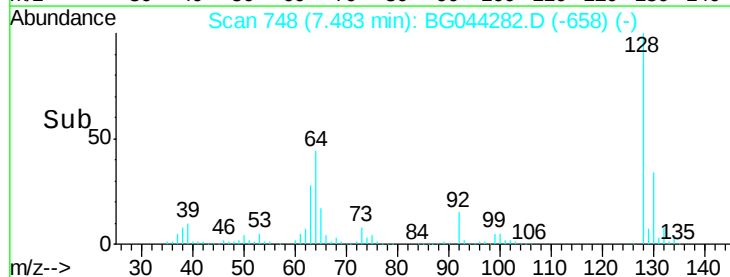
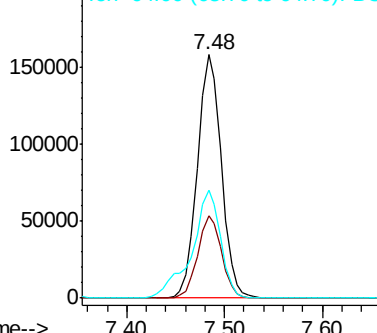
128 100

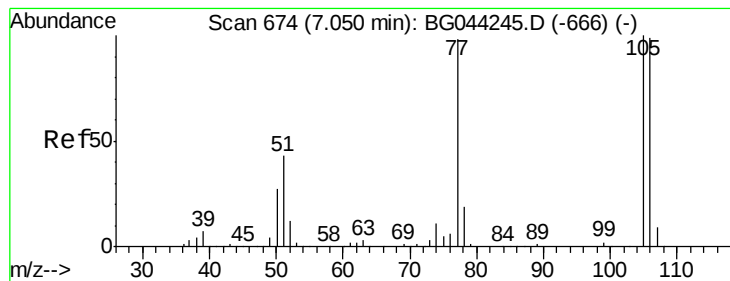
130 33.7 12.5 52.5

64 44.3 24.2 64.2



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





#9

Benzaldehyde

Concen: 38.943 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

Instrument :

BNA_G

ClientSampleId :

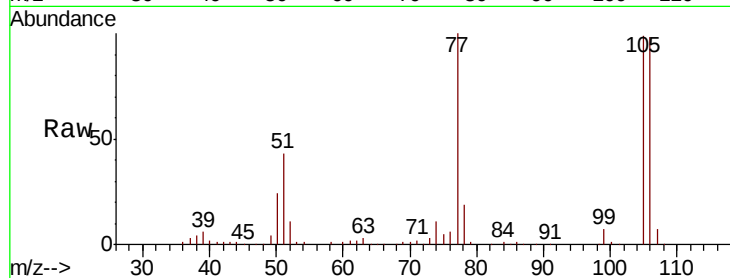
Tot Ion: 77 Resp: 184143

Ion Ratio Lower Upper

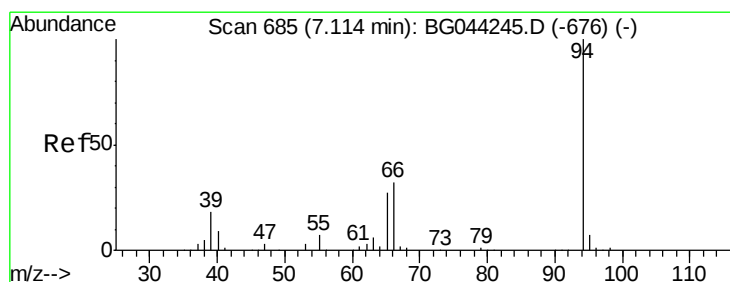
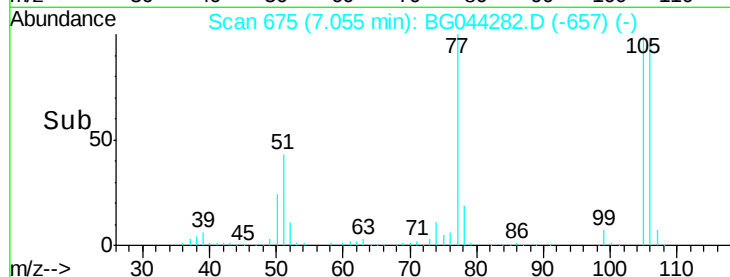
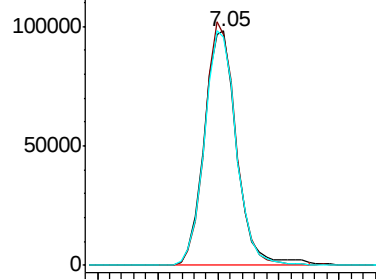
77 100

105 98.6 82.0 122.0

106 97.7 80.7 120.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.916 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

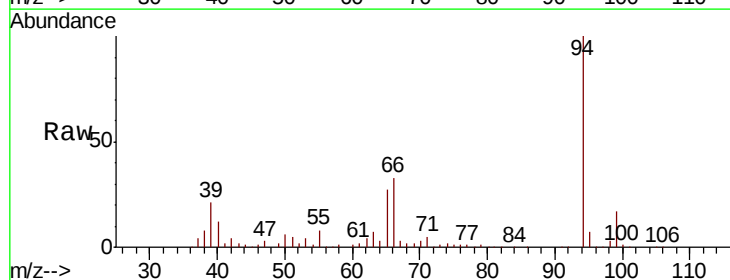
Tgt Ion: 94 Resp: 327979

Ion Ratio Lower Upper

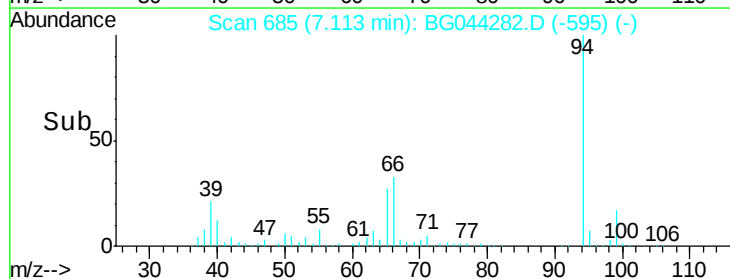
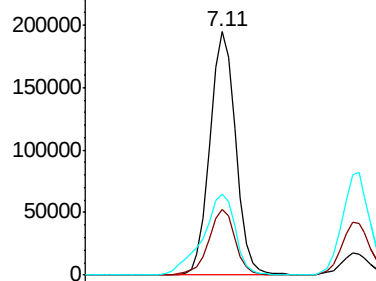
94 100

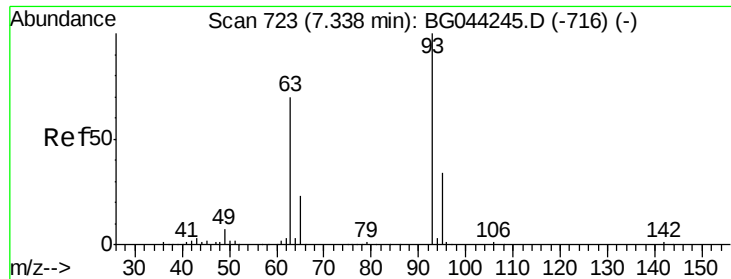
65 27.1 7.0 47.0

66 33.3 12.7 52.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

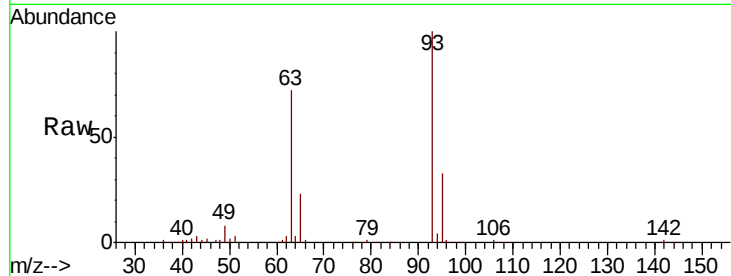




#11
bis(2-Chloroethyl)ether
Concen: 39.042 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	93	Ratio	Lower	Upper
93	100			
63	72.1	49.2	89.2	
95	32.6	13.6	53.6	

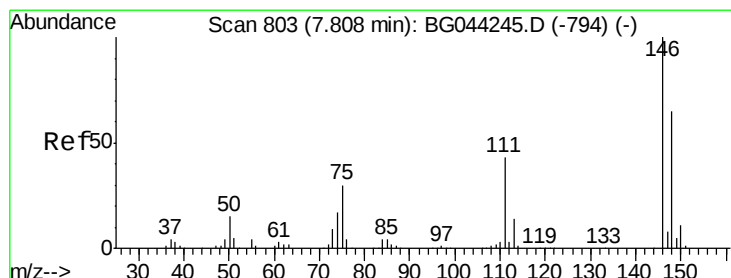
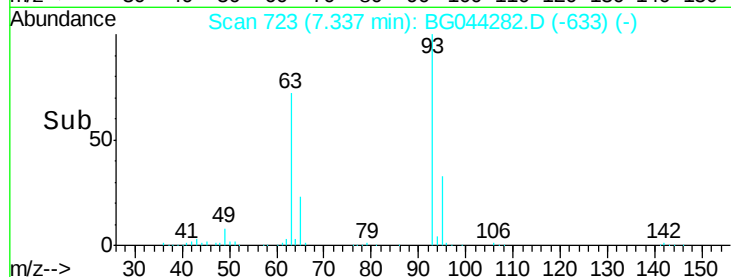
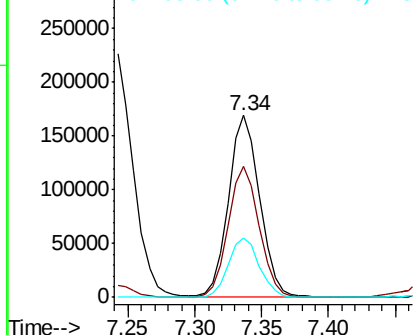


Abundance

Ion 93.00 (92.70 to 93.70): BGC

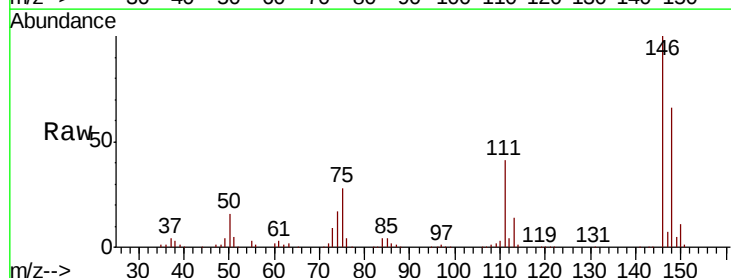
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
1,3-Dichlorobenzene
Concen: 39.819 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Tgt Ion	146	Ratio	Lower	Upper
146	100			
148	65.5	51.8	77.8	
75	28.2	23.7	35.5	

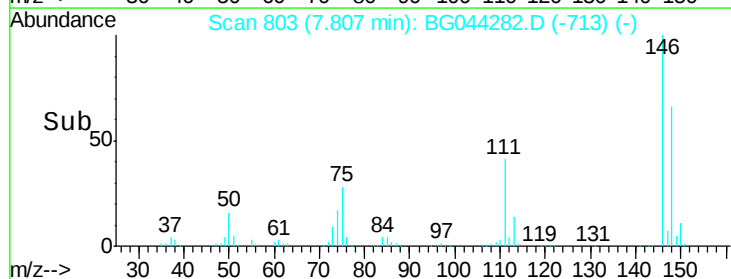
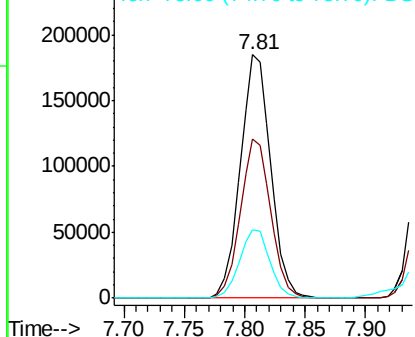


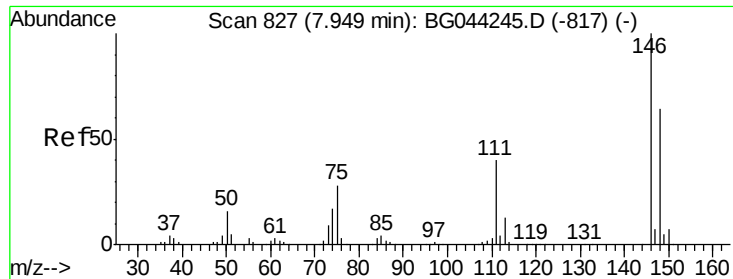
Abundance

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

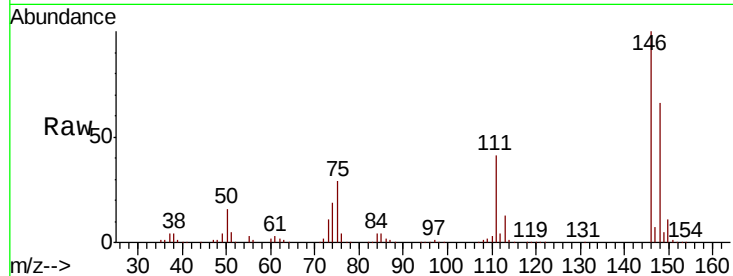




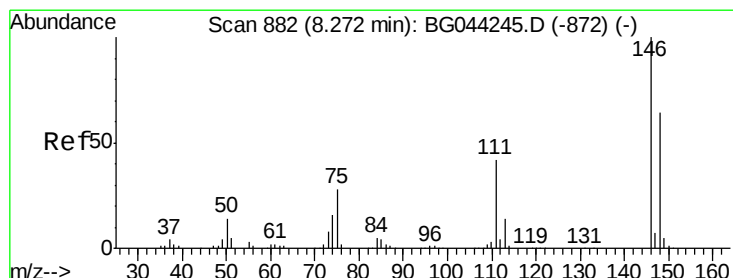
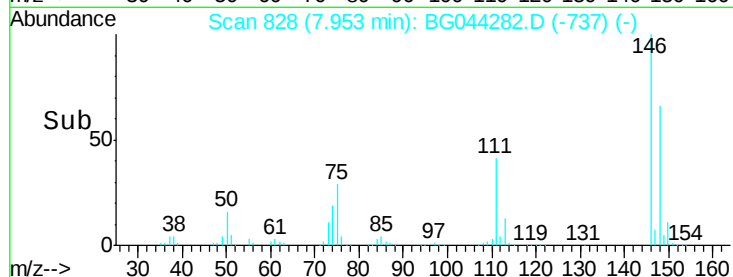
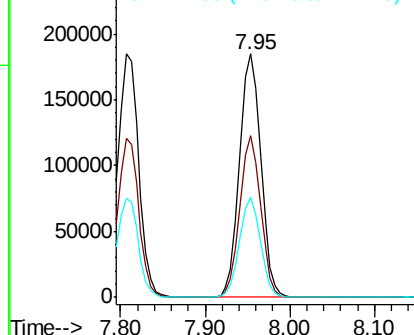
#13
 1,4-Dichlorobenzene
 Concen: 39.963 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG044282.D
 Acq: 4 Feb 2020 15:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 321115
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.4 77.0
 111 41.4 31.8 47.8

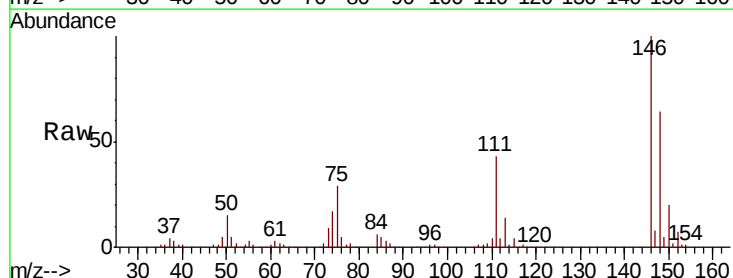


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

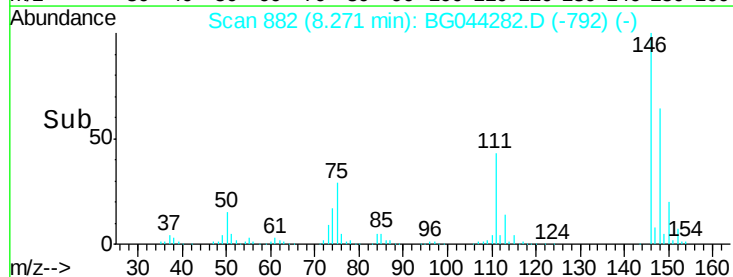
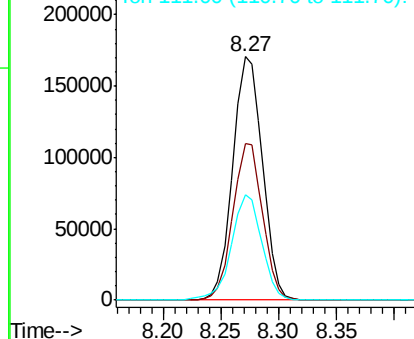


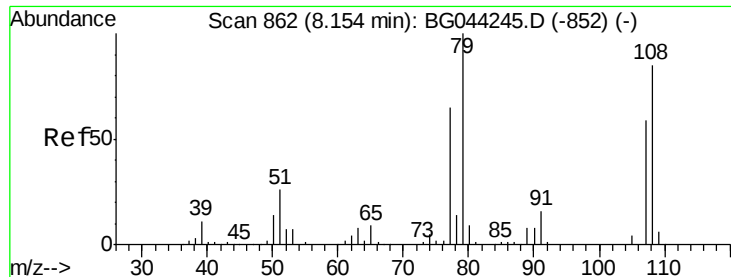
#14
 1,2-Dichlorobenzene
 Concen: 39.995 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG044282.D
 Acq: 4 Feb 2020 15:39

Tgt Ion:146 Resp: 303762
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.2 76.8
 111 43.1 34.0 51.0



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





#15

Benzyl Alcohol

Concen: 40.154 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

Instrument :

BNA_G

ClientSampleId :

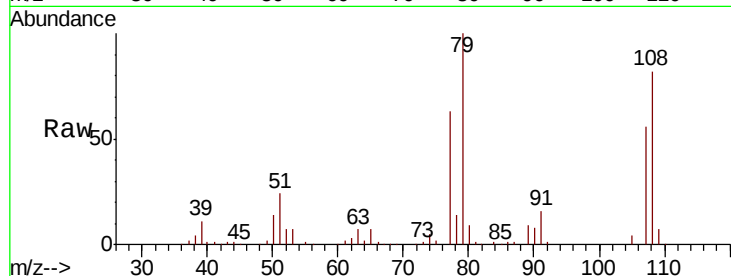
Tot Ion: 79 Resp: 236027

Ion Ratio Lower Upper

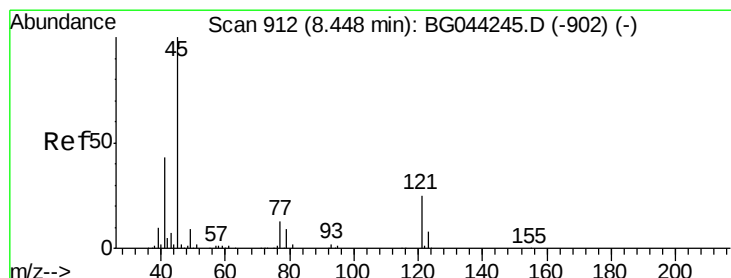
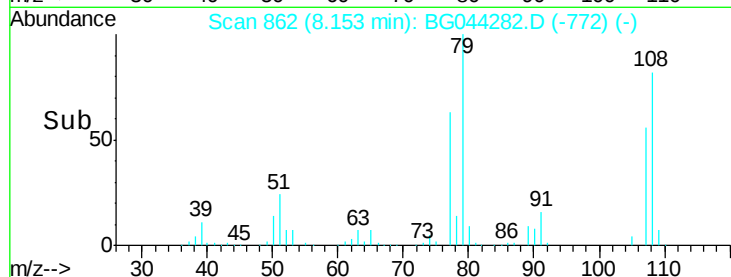
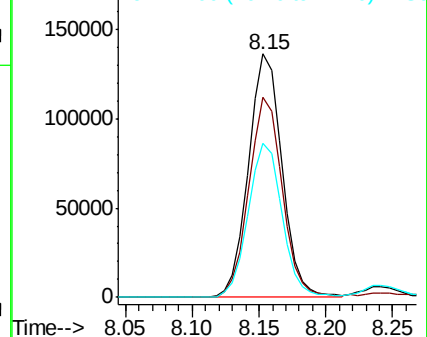
79 100

108 82.3 68.3 102.5

77 63.4 51.8 77.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.553 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

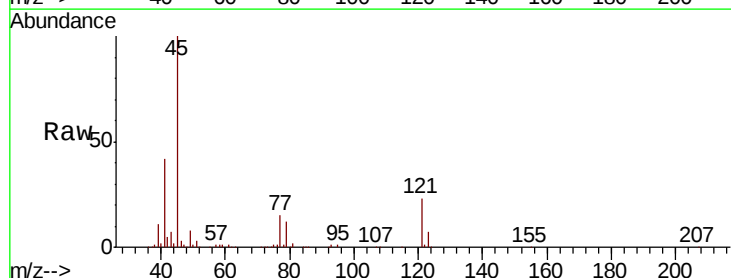
Tgt Ion: 45 Resp: 385576

Ion Ratio Lower Upper

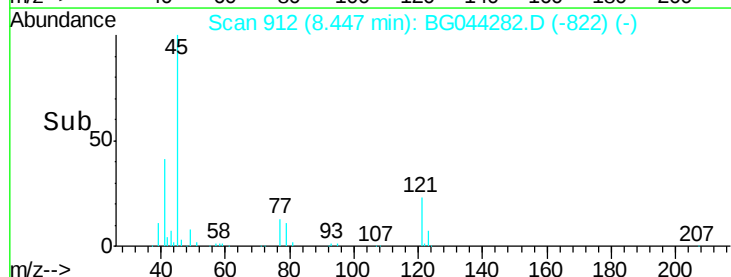
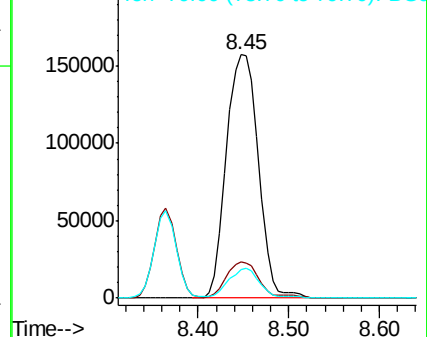
45 100

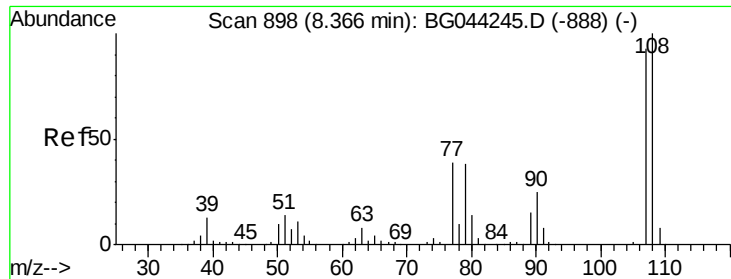
77 14.8 0.0 35.2

79 11.7 0.0 31.1



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

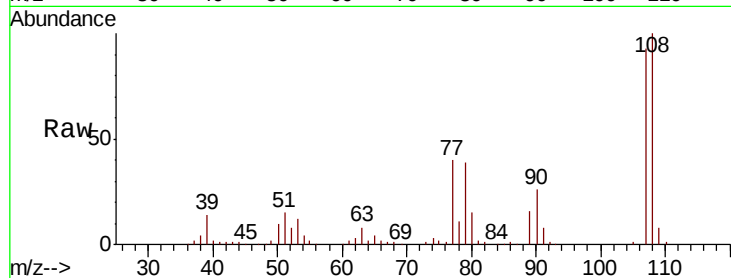




#17
2-Methylphenol
Concen: 39.587 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.3	86.4	129.6
77	43.4	34.0	51.0
79	42.3	32.9	49.3



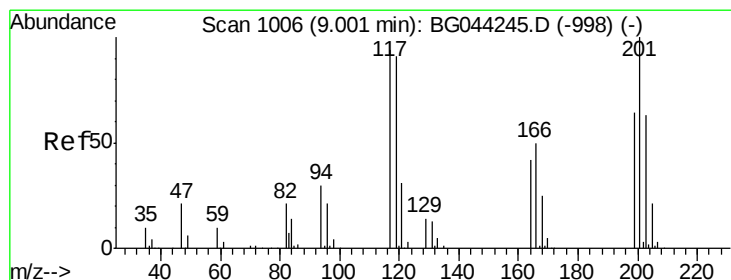
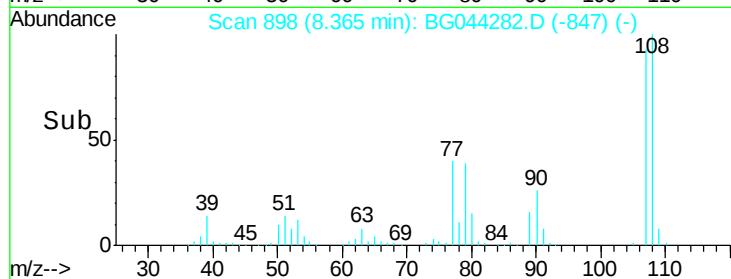
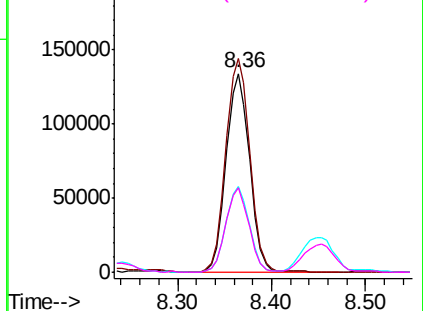
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

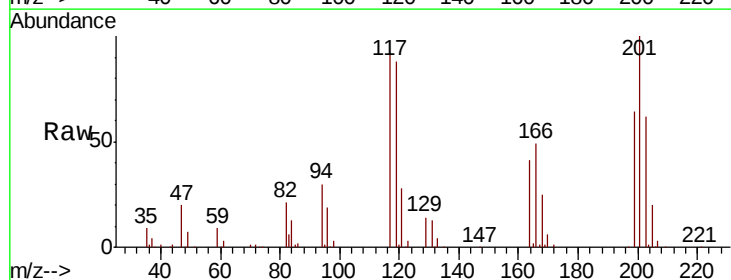
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.965 ng
RT: 9.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.5	116.3
201	108.5	84.9	127.3

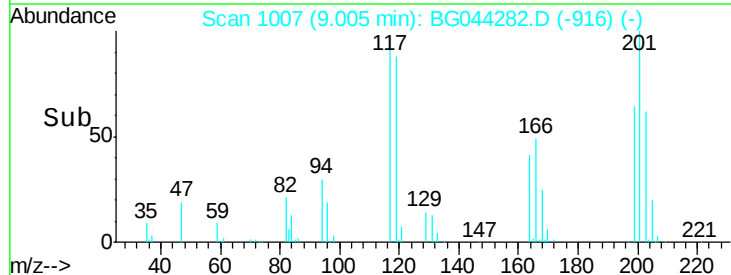
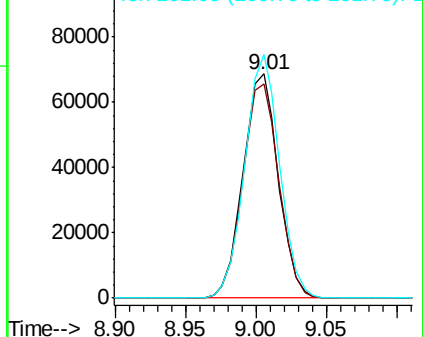


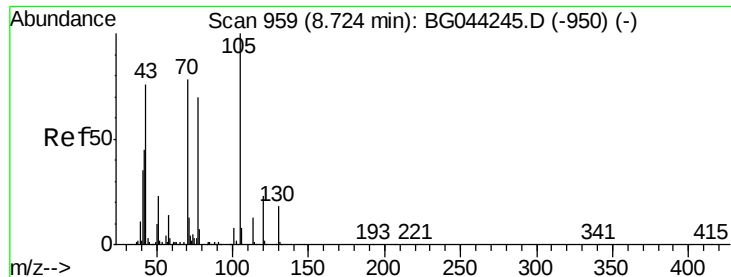
Abundance

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

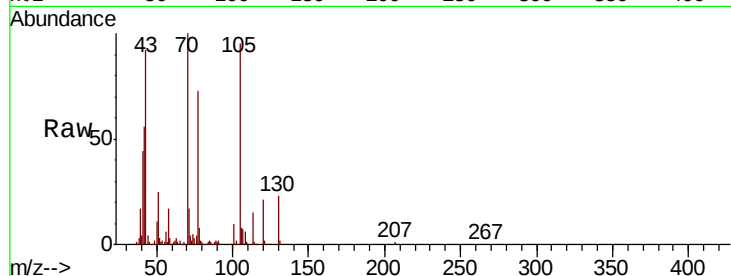




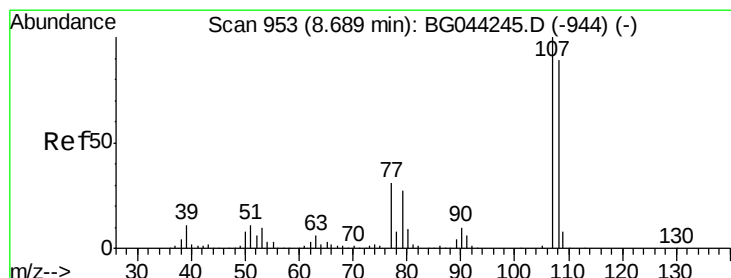
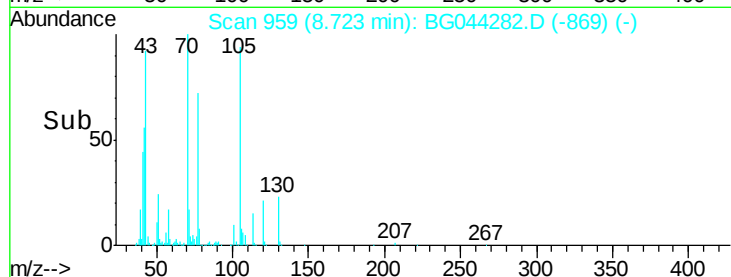
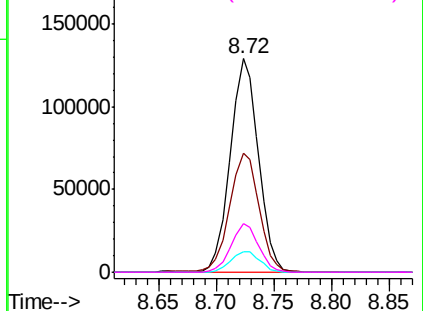
#19
n-Nitroso-di-n-propylamine
Concen: 39.428 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	218165
Ion	Ratio	Lower	Upper
70	100		
42	55.9	46.2	69.2
101	9.7	8.4	12.6
130	23.1	17.8	26.8

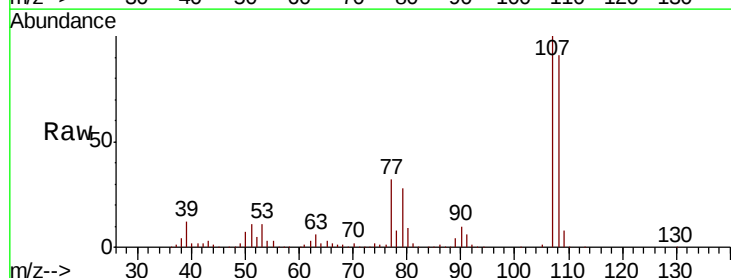


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

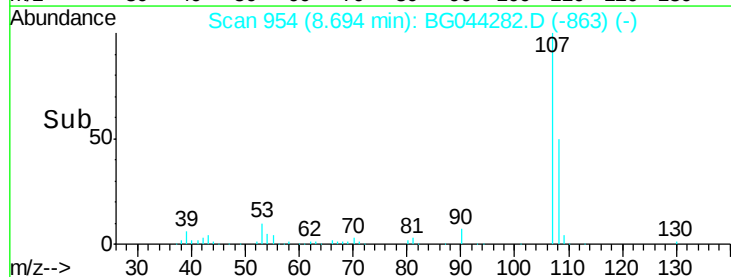
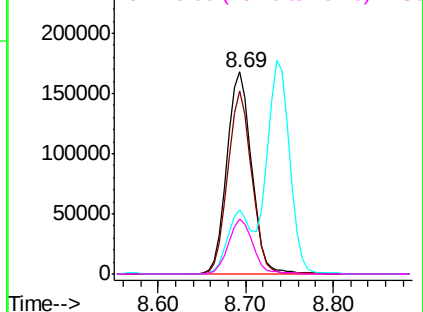


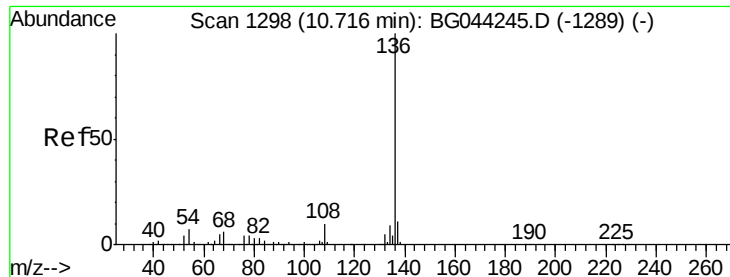
#20
3+4-Methylphenols
Concen: 40.020 ng
RT: 8.69 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Tgt Ion:	107	Resp:	323334
Ion	Ratio	Lower	Upper
107	100		
108	90.8	68.5	108.5
77	31.7	10.9	50.9
79	27.5	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

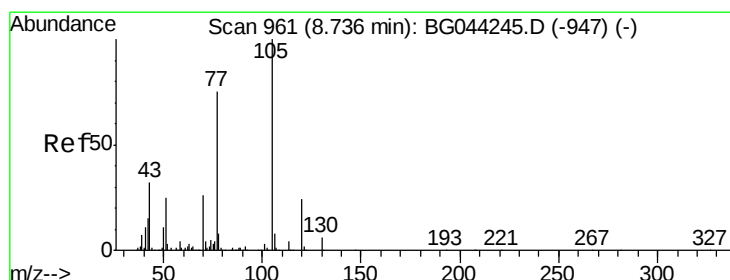
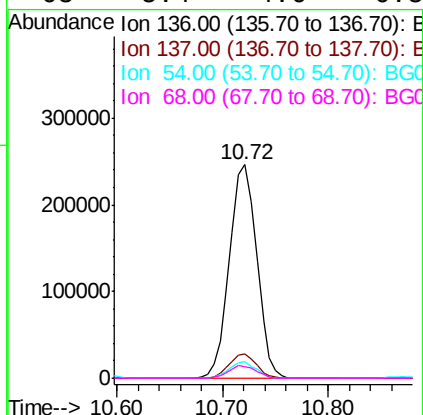
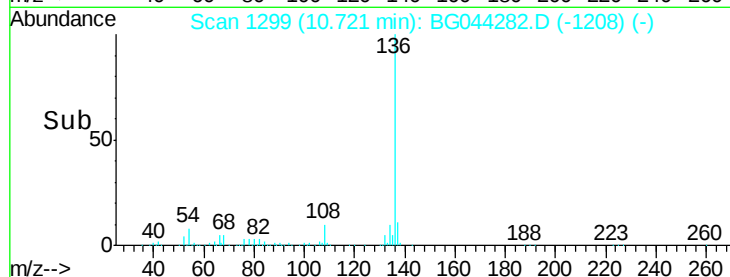
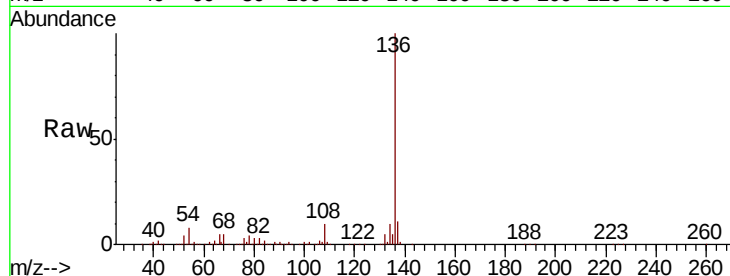




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

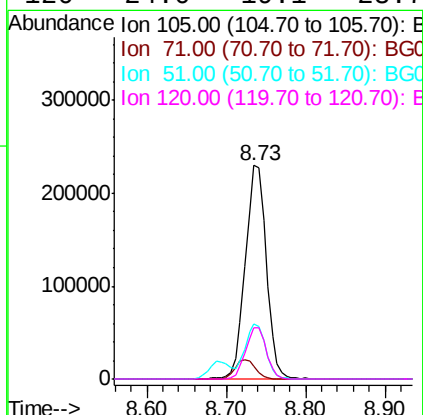
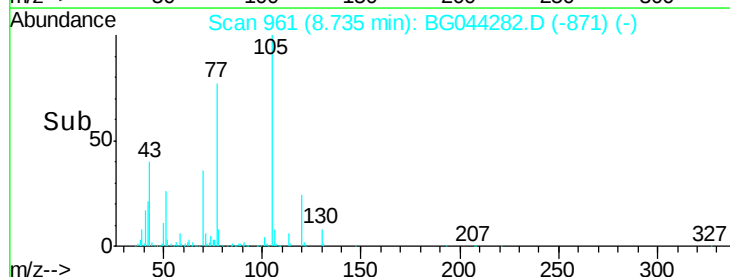
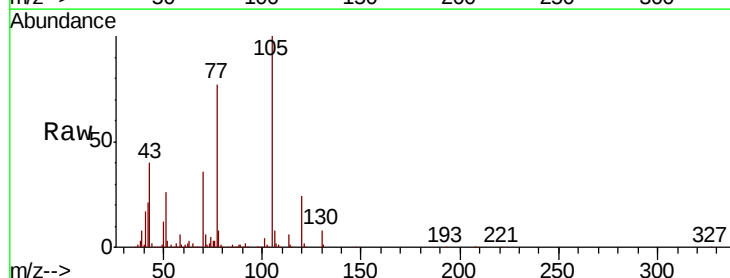
Instrument :
BNA_G
ClientSampleId :

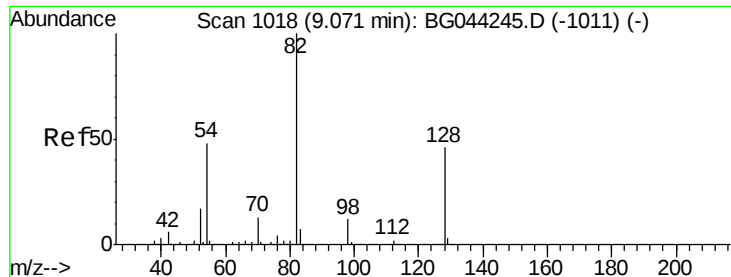
Tot Ion:136	Resp:	440722
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.8	13.2
54 7.5	5.8	8.8
68 5.4	4.6	6.8



#22
Acetophenone
Concen: 39.714 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Tgt	Ion:105	Resp:	425791
Ion	Ratio	Lower	Upper
105	100		
71	5.9	3.4	5.0#
51	26.0	20.2	30.4
120	24.0	19.1	28.7

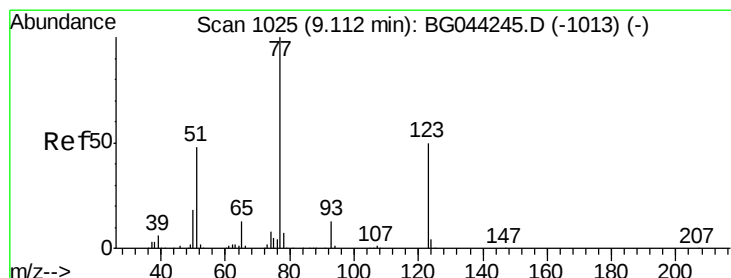
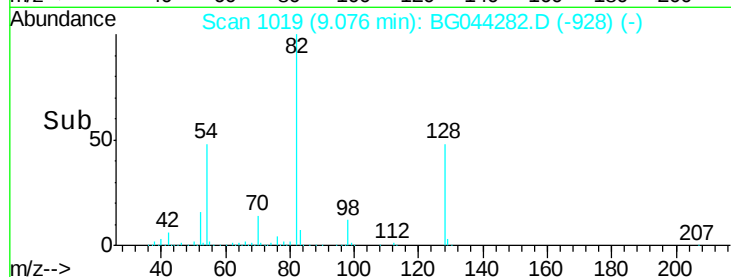
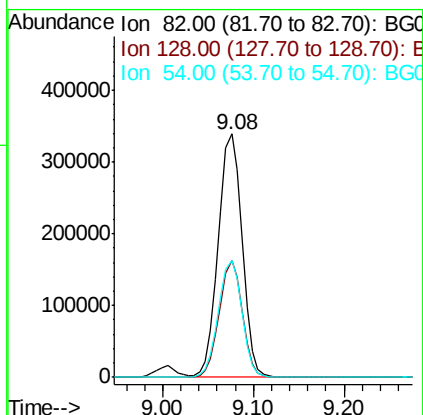
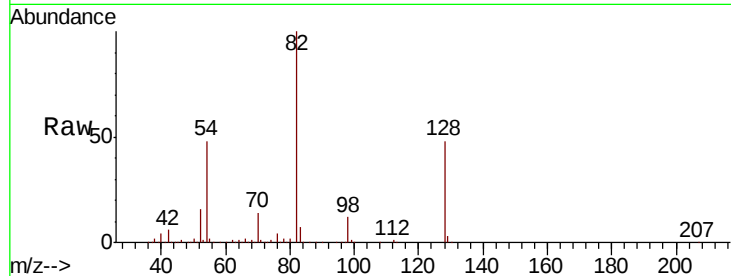




#23
Nitrobenzene-d5
Concen: 79.420 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

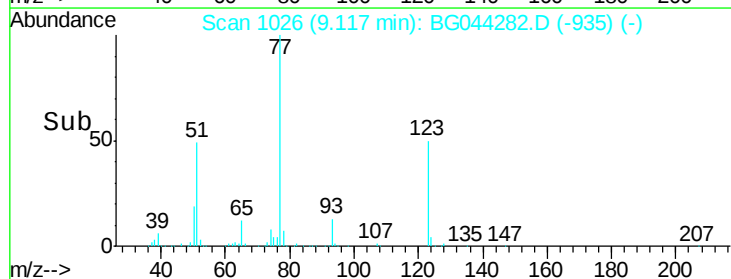
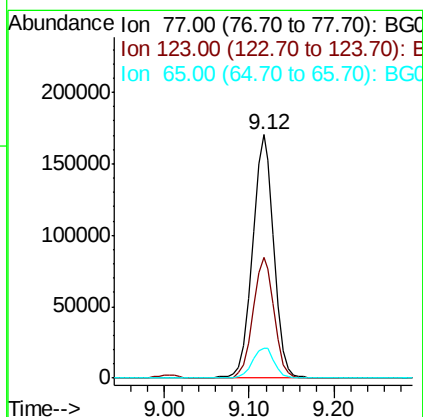
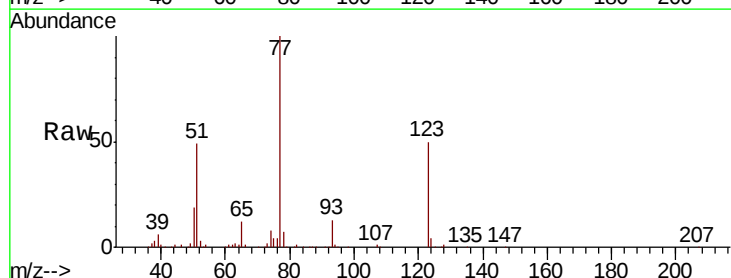
Instrument :
BNA_G
ClientSampleId :

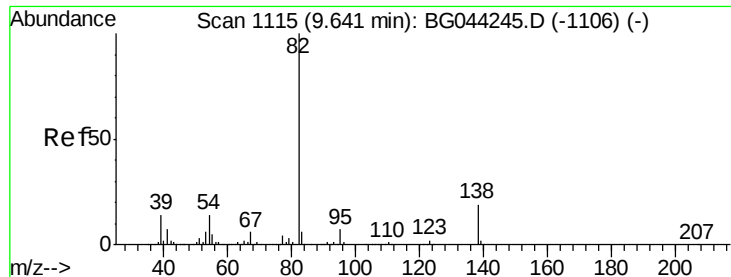
Tot Ion	82	Resp	619988
Ion Ratio	Lower	Upper	
82	100		
128	48.0	36.5	54.7
54	48.2	38.6	58.0



#24
Nitrobenzene
Concen: 39.553 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Tgt Ion	77	Resp	301435
Ion Ratio	Lower	Upper	
77	100		
123	49.6	39.9	59.9
65	12.3	10.4	15.6





#25

Isophorone

Concen: 39.894 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

Instrument :

BNA_G

ClientSampleId :

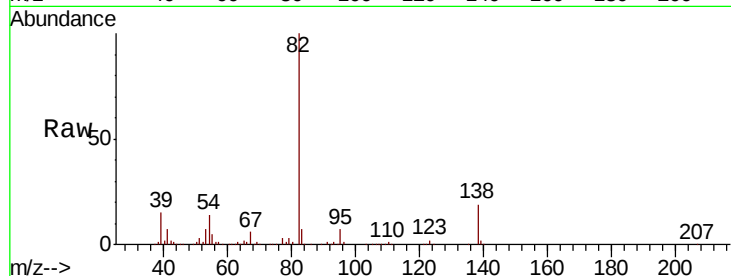
Tot Ion: 82 Resp: 580458

Ion Ratio Lower Upper

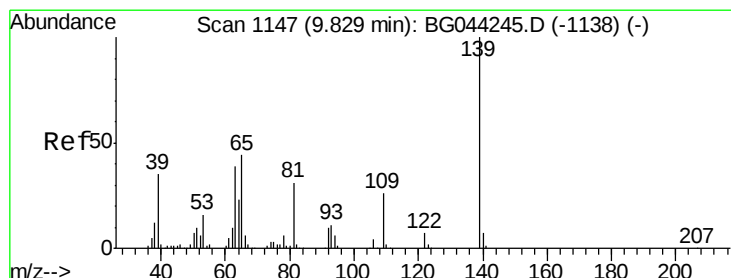
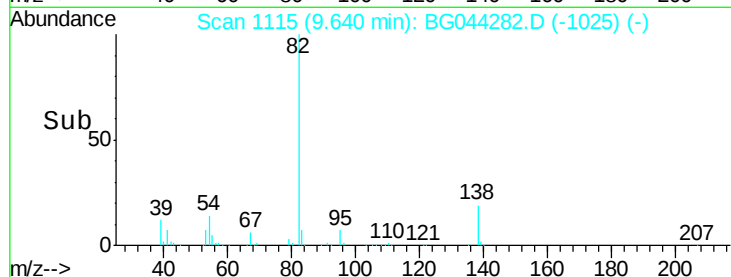
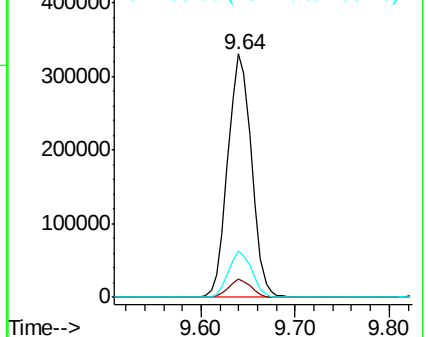
82 100

95 7.3 5.7 8.5

138 19.1 15.0 22.4



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



#26

2-Nitrophenol

Concen: 40.486 ng

RT: 9.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

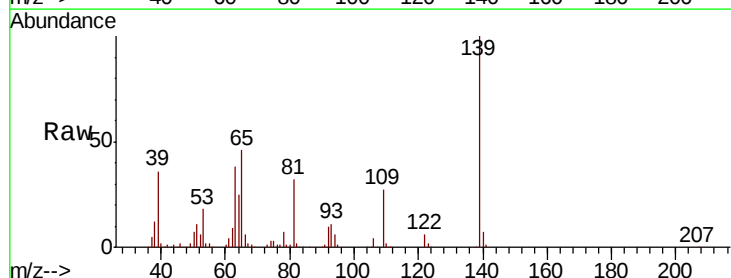
Tgt Ion: 139 Resp: 160101

Ion Ratio Lower Upper

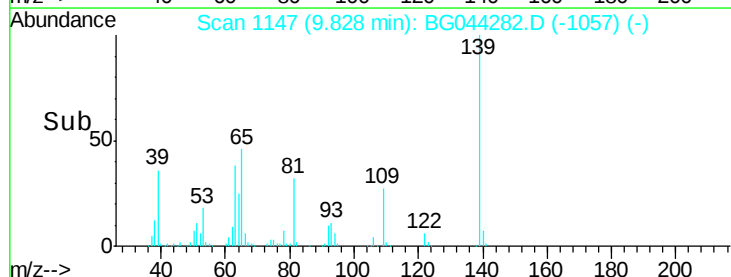
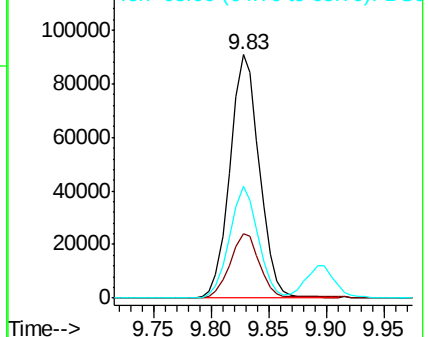
139 100

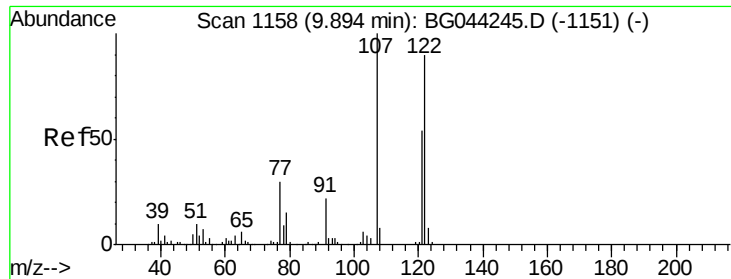
109 26.7 21.0 31.4

65 46.0 35.0 52.4



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

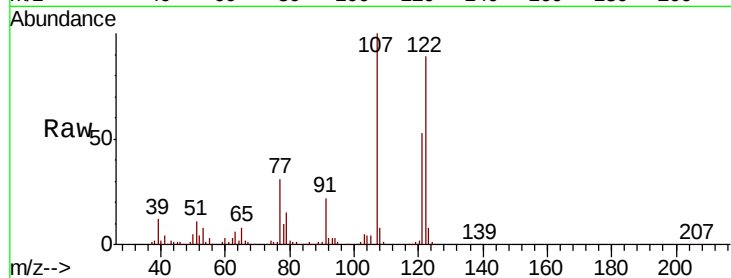




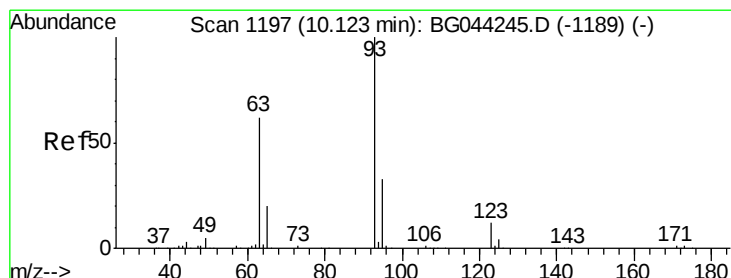
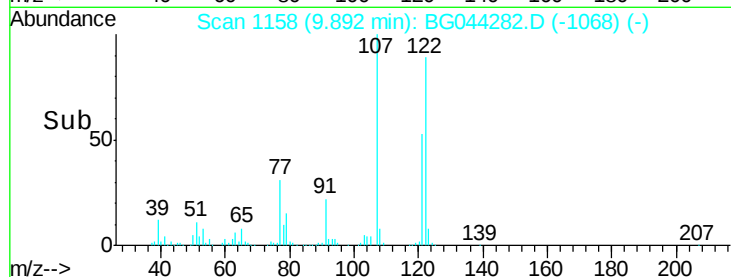
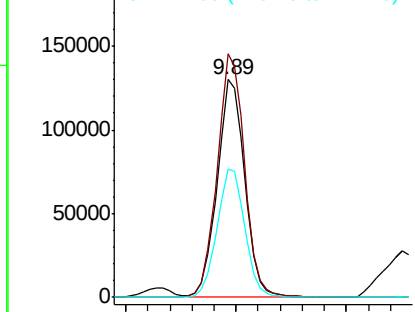
#27
2,4-Dimethylphenol
Concen: 40.252 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.0	88.8	133.2
121	59.1	48.3	72.5

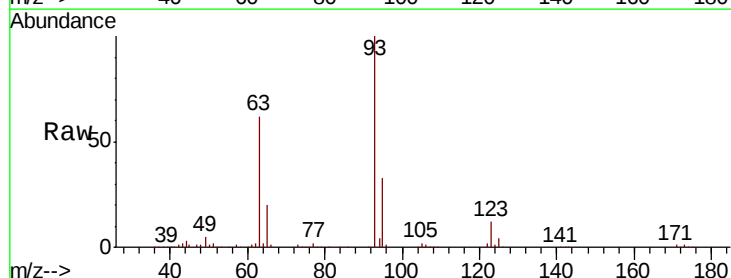


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

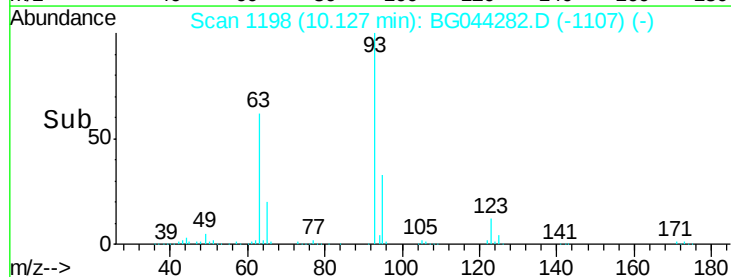
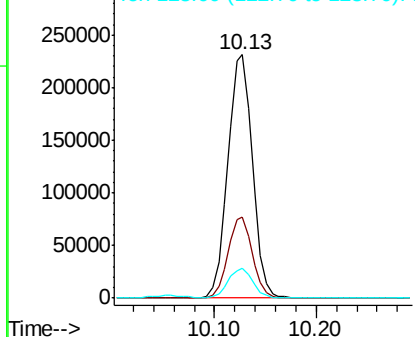


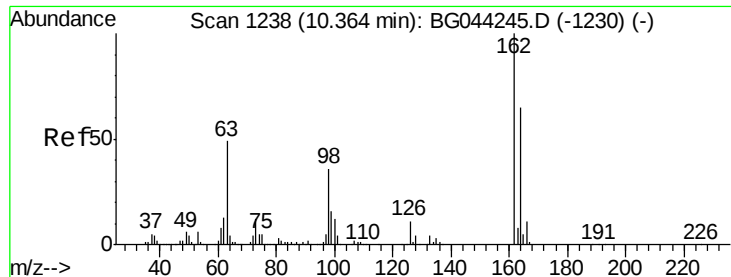
#28
bis(2-Chloroethoxy)methane
Concen: 40.035 ng
RT: 10.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.6	40.0
123	12.4	10.0	15.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

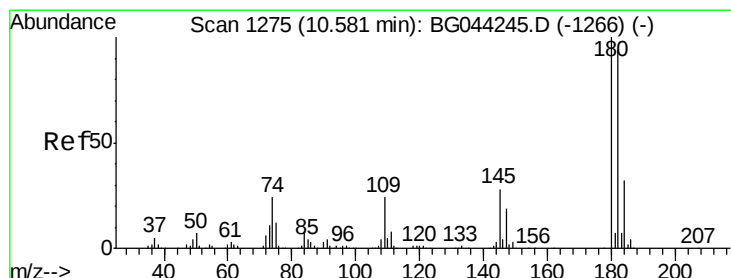
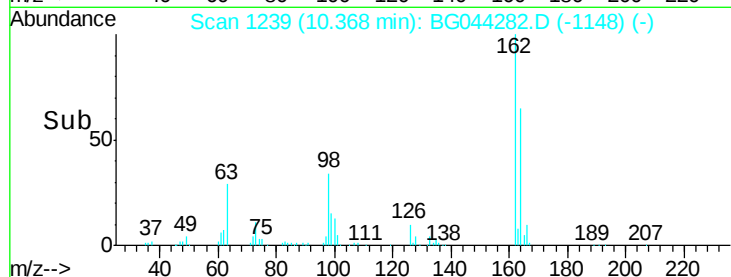
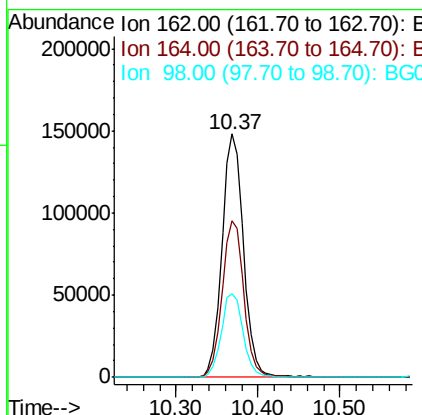
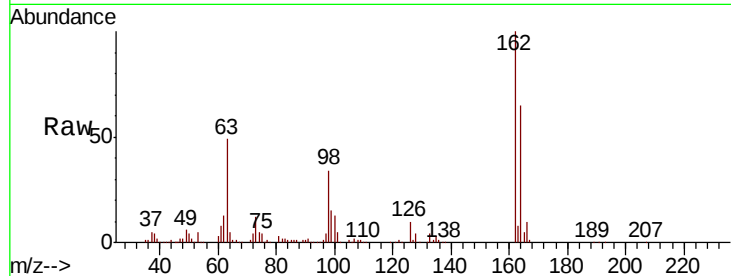




#29
 2,4-Dichlorophenol
 Concen: 40.186 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG044282.D
 Acq: 4 Feb 2020 15:39

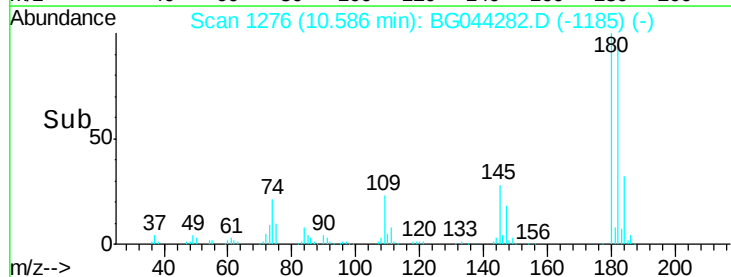
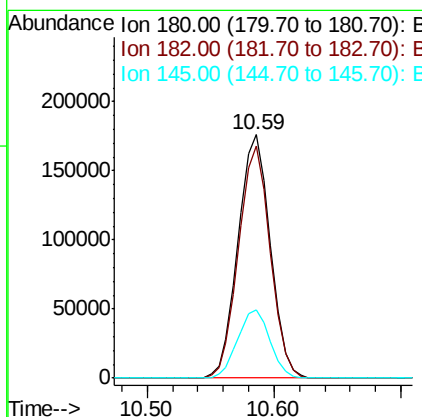
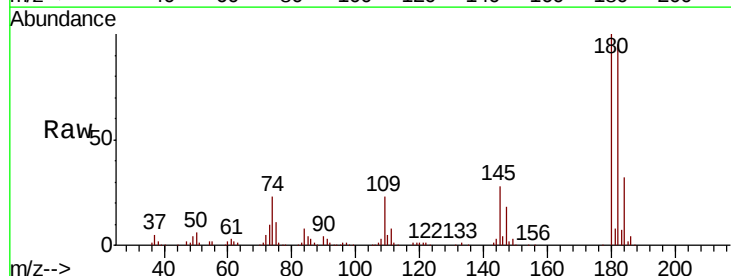
Instrument :
 BNA_G
 ClientSampleId :

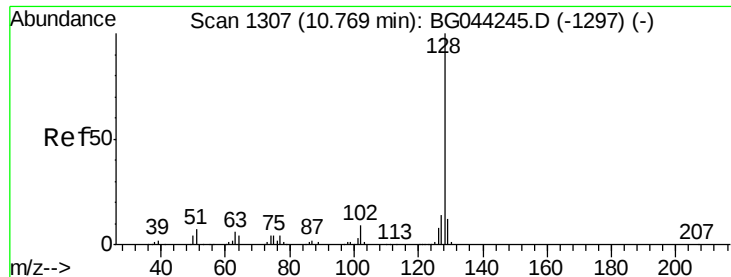
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.7	84.7
98	34.2	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 40.093 ng
 RT: 10.59 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BG044282.D
 Acq: 4 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.5	113.3
145	28.1	22.6	34.0

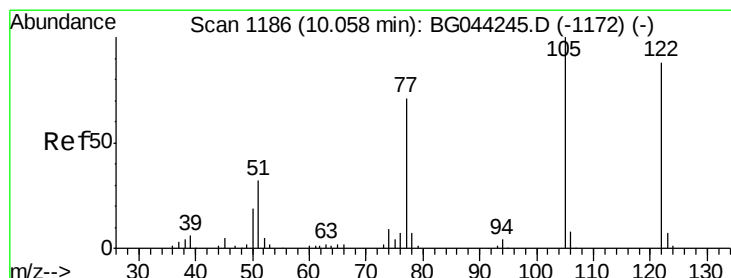
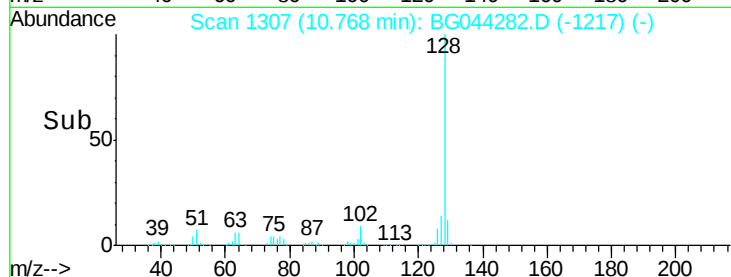
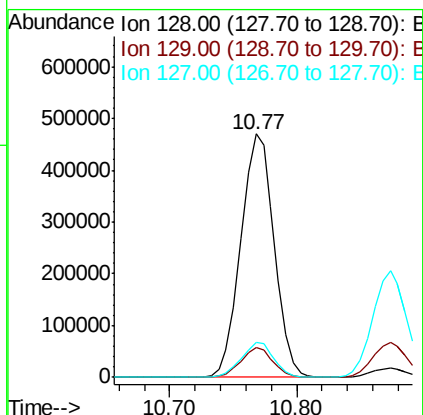
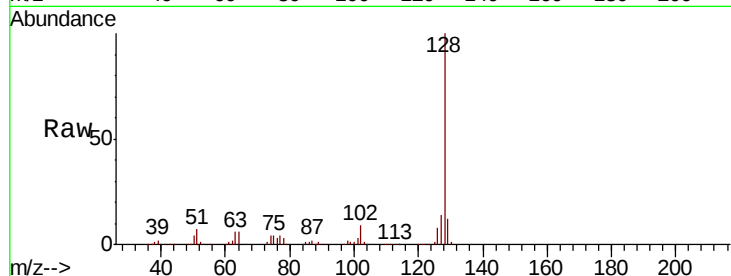




#31
Naphthalene
Concen: 40.087 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

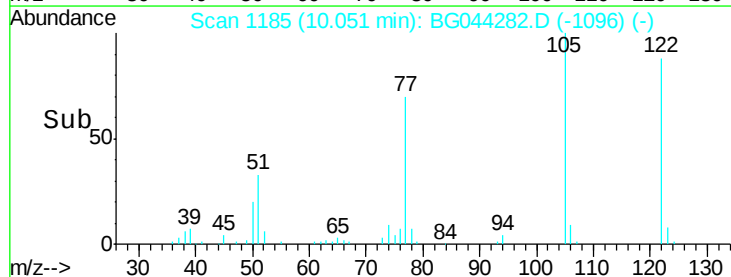
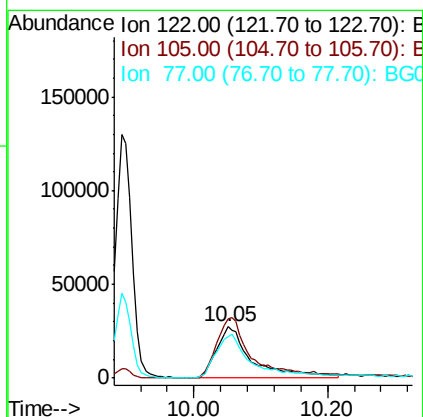
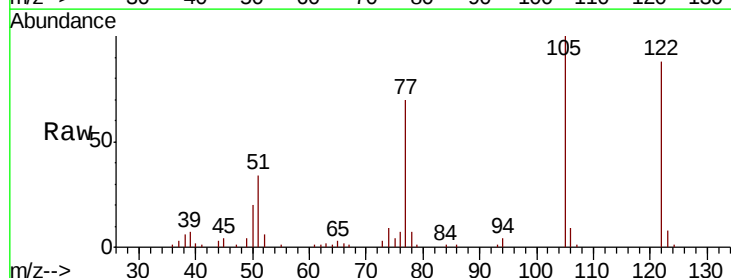
Instrument :
BNA_G
ClientSampleId :

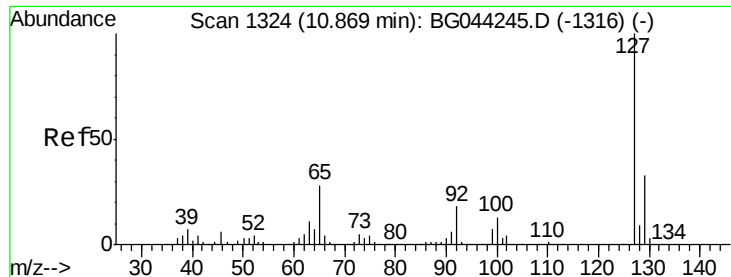
Tot Ion:128 Resp: 857161
Ion Ratio Lower Upper
128 100
129 12.1 9.3 13.9
127 14.5 11.6 17.4



#32
Benzoic acid
Concen: 33.197 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Tgt Ion:122 Resp: 99260
Ion Ratio Lower Upper
122 100
105 114.1 93.5 133.5
77 80.4 61.0 101.0

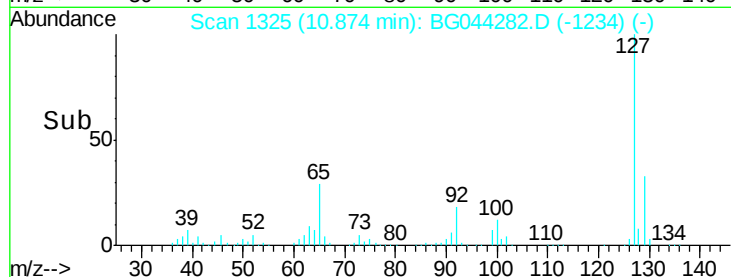
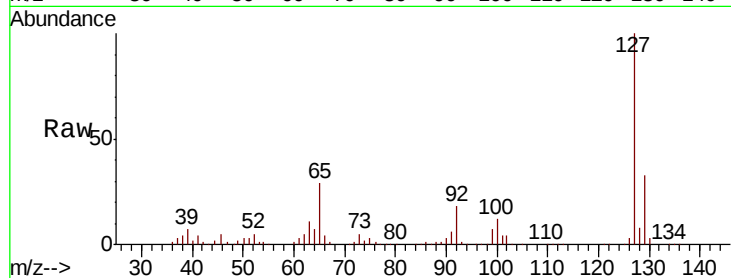




#33
4-Chloroaniline
Concen: 39.874 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	33.3	26.6	40.0	
65	28.7	22.5	33.7	
92	18.1	14.1	21.1	



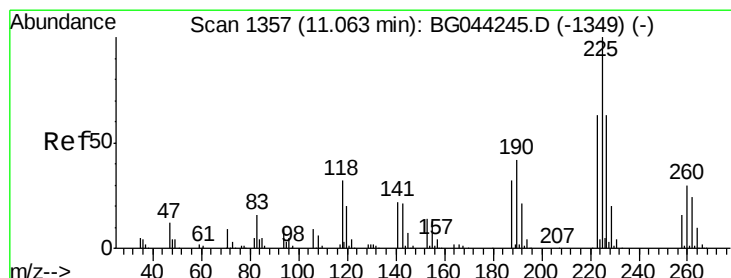
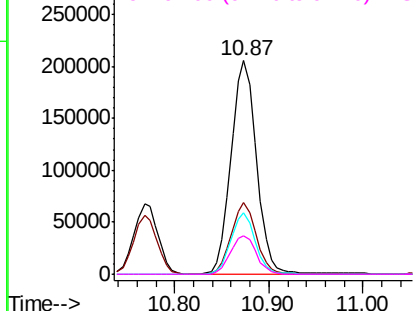
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

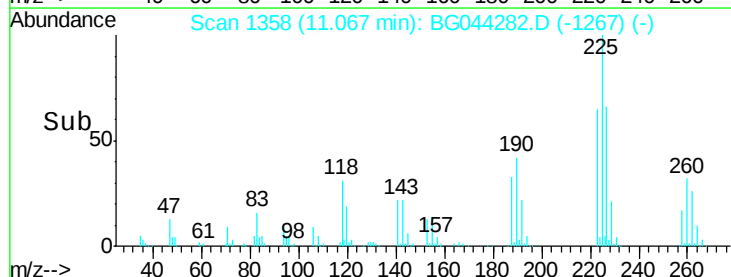
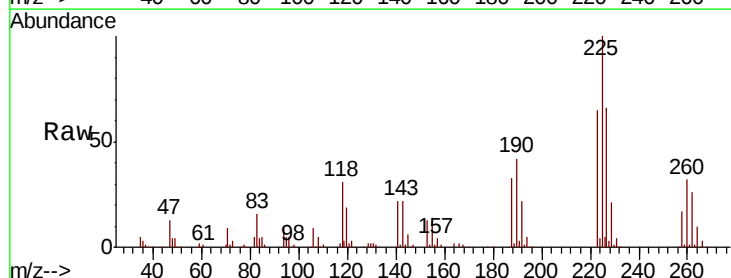
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 39.449 ng
RT: 11.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	65.0	50.2	75.4	
227	66.0	50.8	76.2	

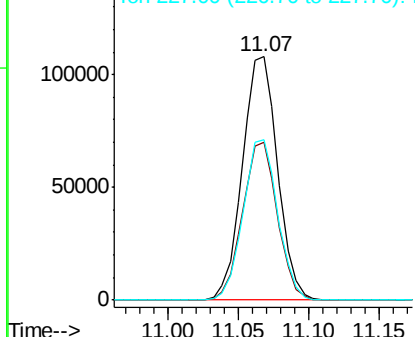


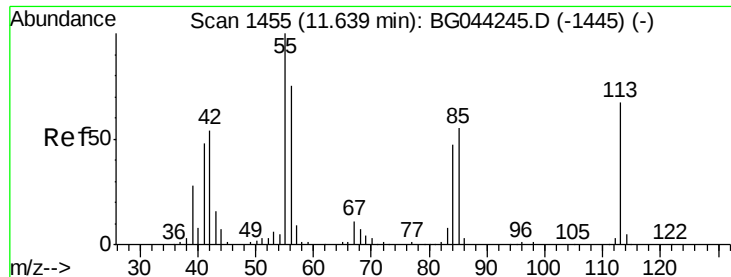
Abundance

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

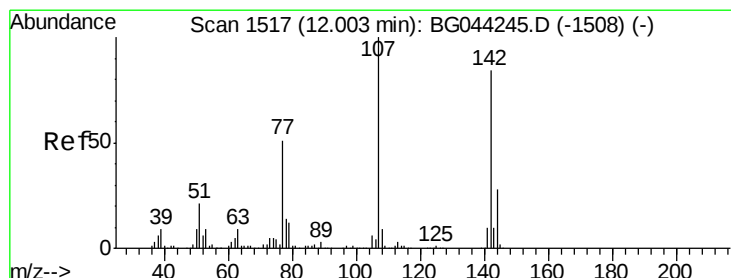
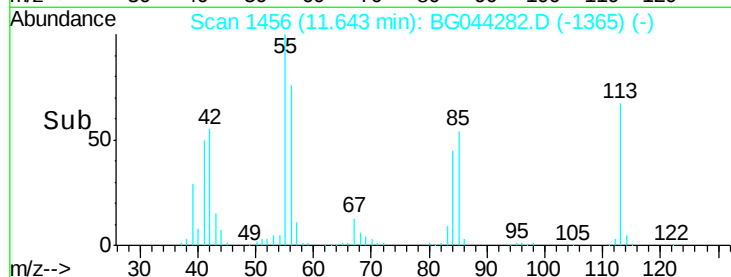
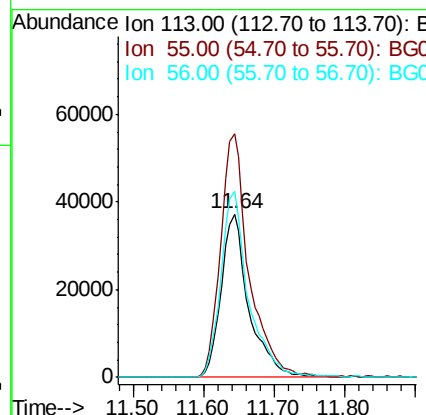
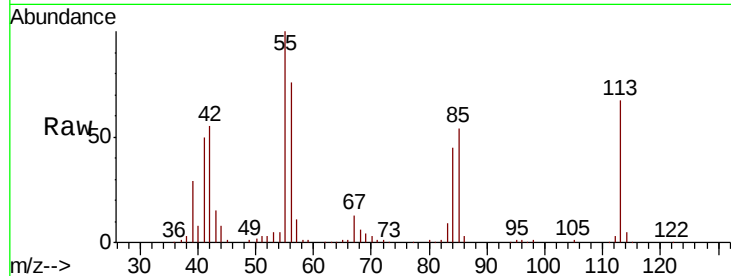




#35
Caprolactam
Concen: 41.191 ng
RT: 11.64 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

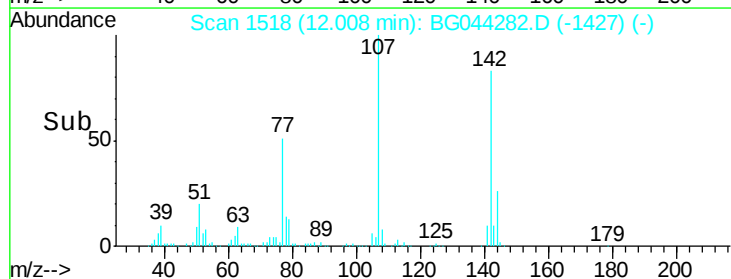
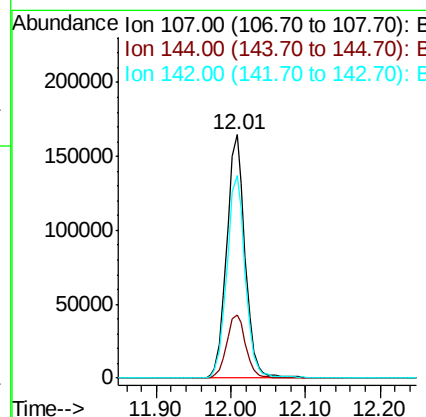
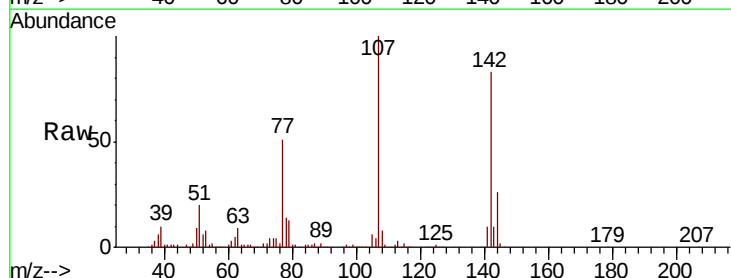
Instrument :
BNA_G
ClientSampleId :

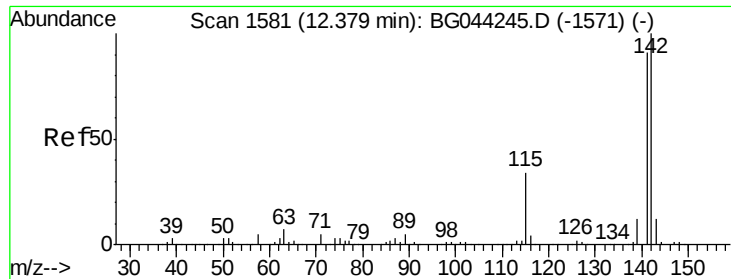
Tot Ion:113 Resp: 101846
Ion Ratio Lower Upper
113 100
55 149.2 129.9 169.9
56 113.9 92.5 132.5



#36
4-Chloro-3-methylphenol
Concen: 40.148 ng
RT: 12.01 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Tgt Ion:107 Resp: 284118
Ion Ratio Lower Upper
107 100
144 26.1 22.2 33.4
142 83.1 67.4 101.0

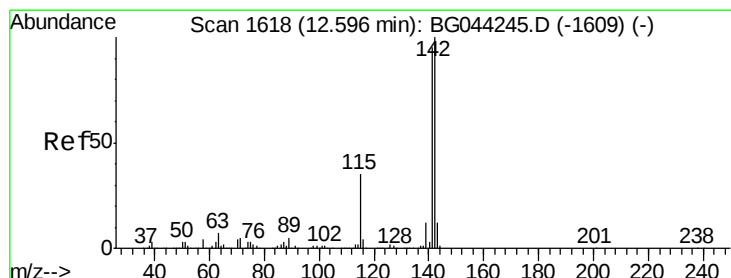
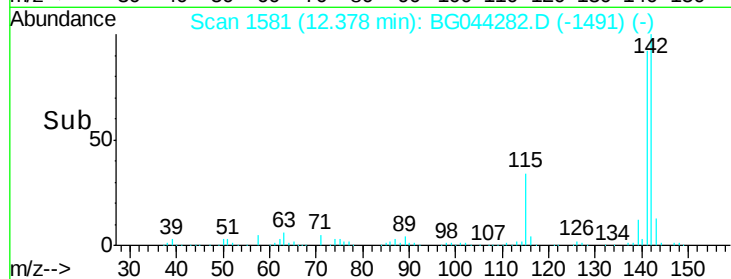
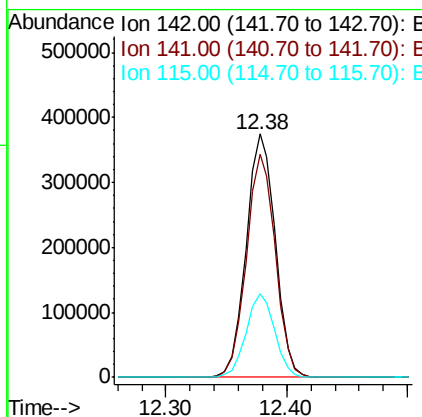
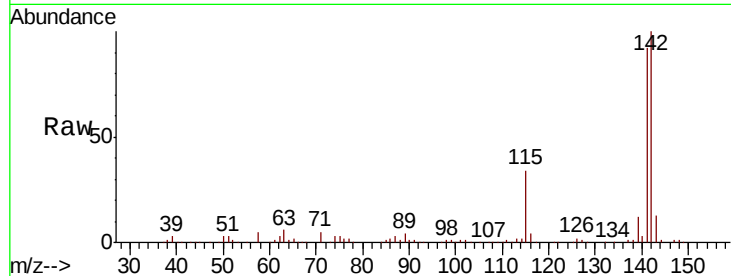




#37
2-Methylnaphthalene
Concen: 39.672 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

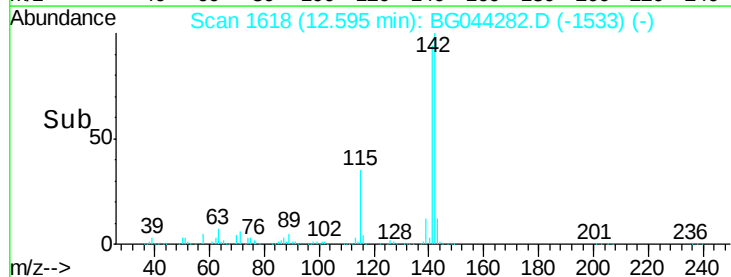
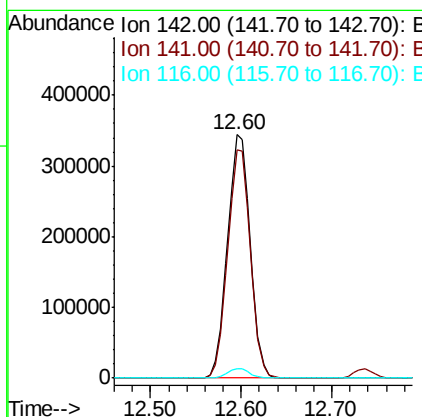
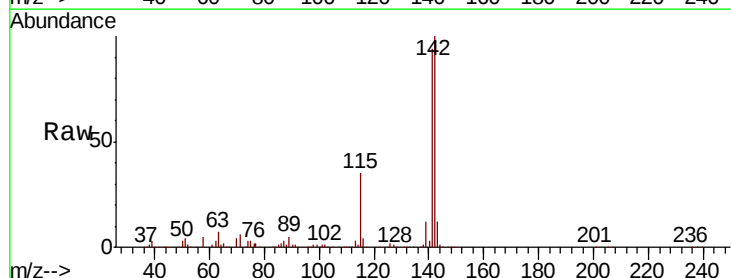
Instrument :
BNA_G
ClientSampleId :

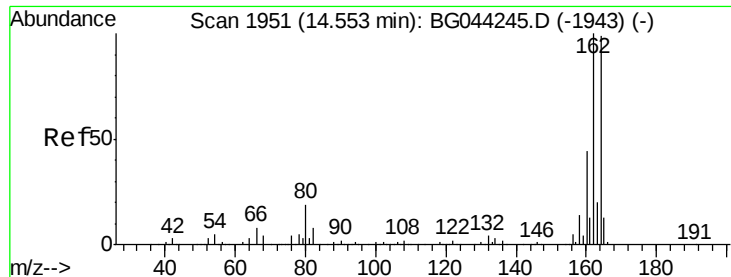
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.2	109.8
115	34.1	27.1	40.7



#38
1-Methylnaphthalene
Concen: 39.932 ng
RT: 12.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.8	113.6
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

Instrument :

BNA_G

ClientSampleId :

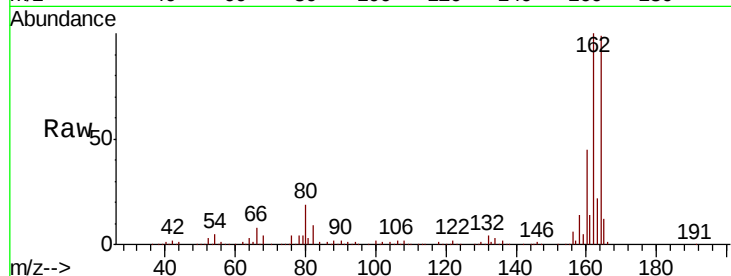
Tot Ion:164 Resp: 285414

Ion Ratio Lower Upper

164 100

162 101.0 80.7 121.1

160 45.0 35.3 52.9

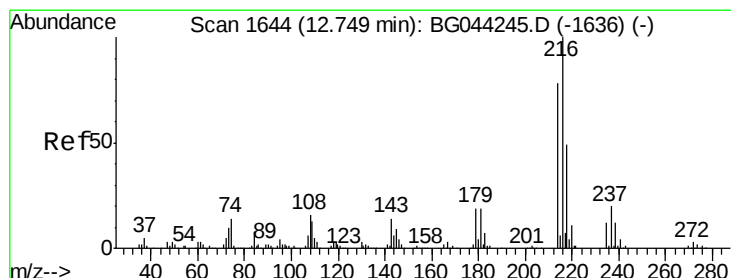
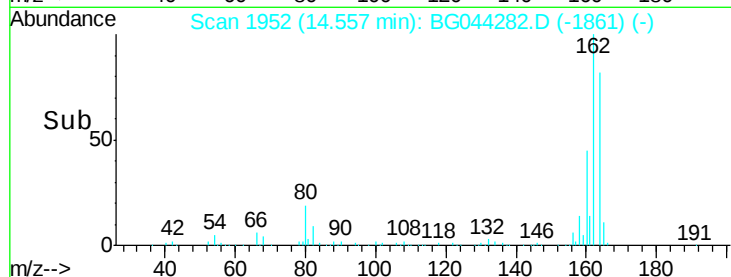
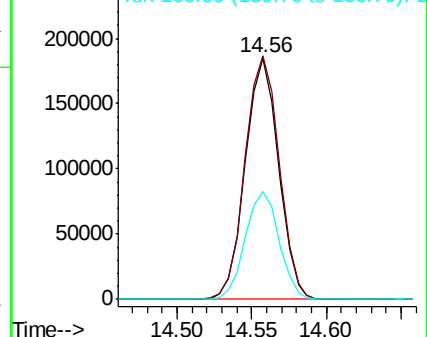


Abundance

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: 39.519 ng

RT: 12.75 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

Tgt Ion:216 Resp: 337399

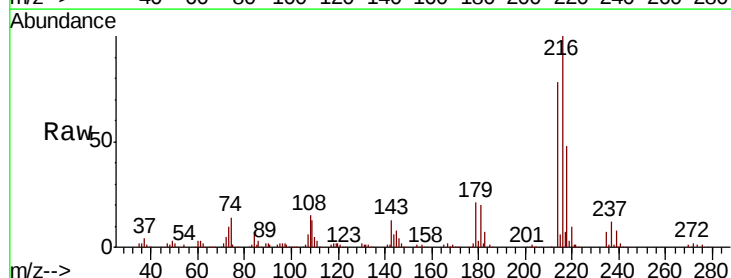
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.6

179 20.9 16.2 24.4

108 16.9 13.5 20.3



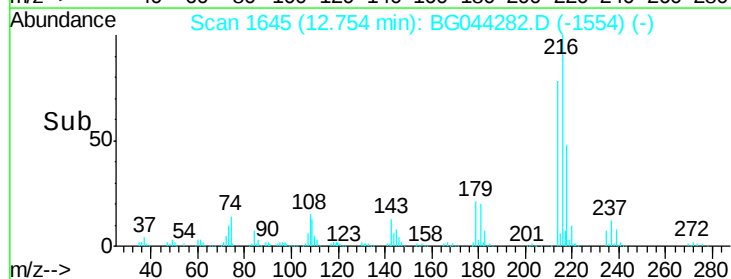
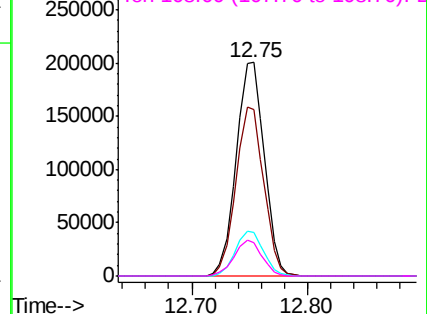
Abundance

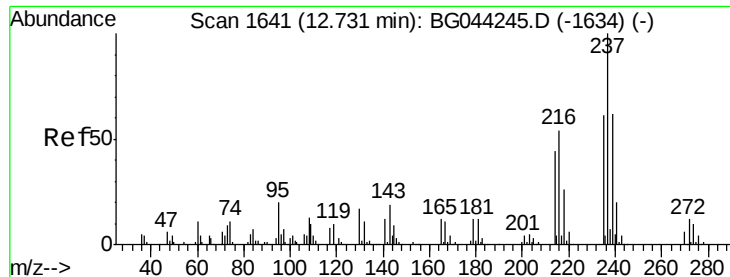
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.678 ng

RT: 12.74 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

Instrument :

BNA_G

ClientSampleId :

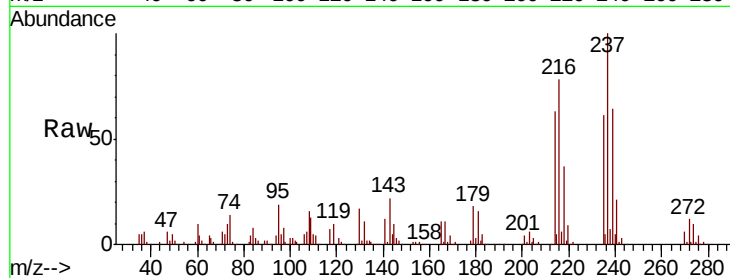
Tot Ion:237 Resp: 162546

Ion Ratio Lower Upper

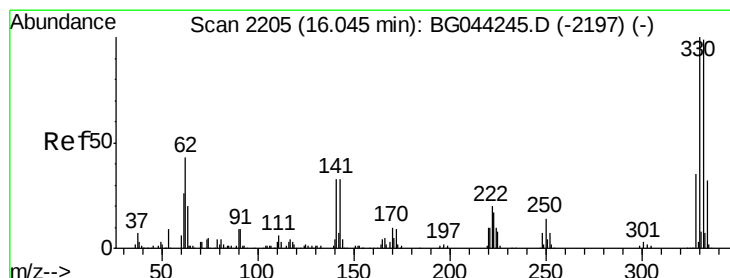
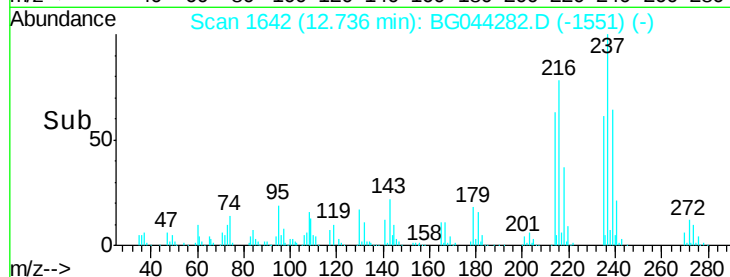
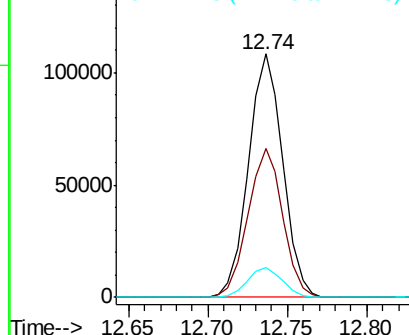
237 100

235 61.4 41.2 81.2

272 12.3 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: 79.525 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

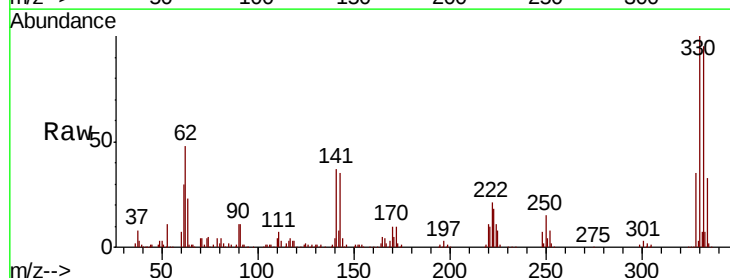
Tgt Ion:330 Resp: 266456

Ion Ratio Lower Upper

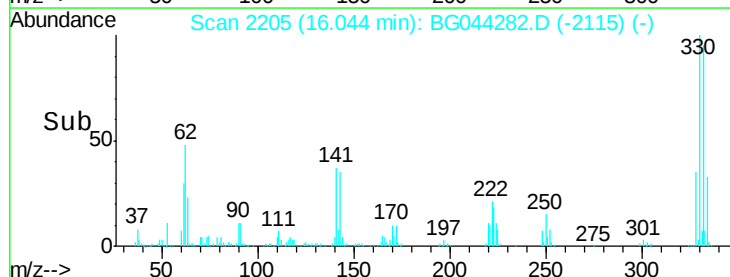
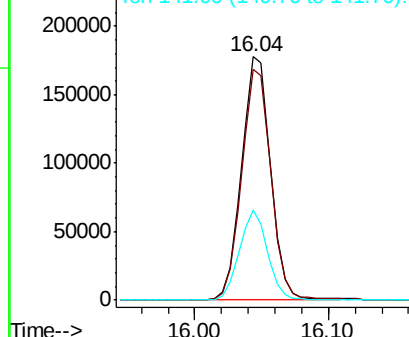
330 100

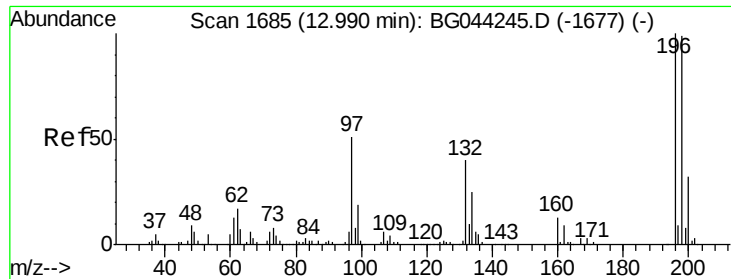
332 96.0 77.2 115.8

141 36.2 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

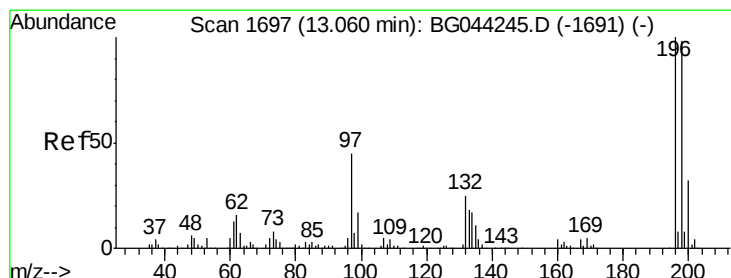
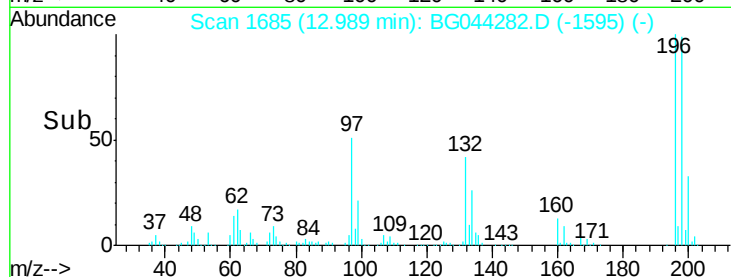
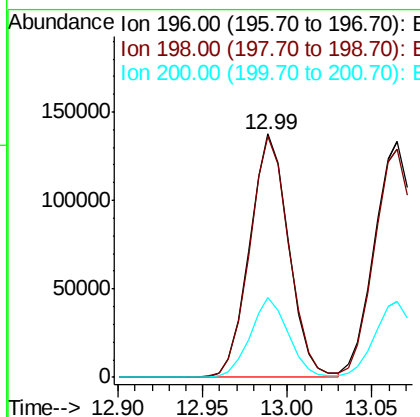
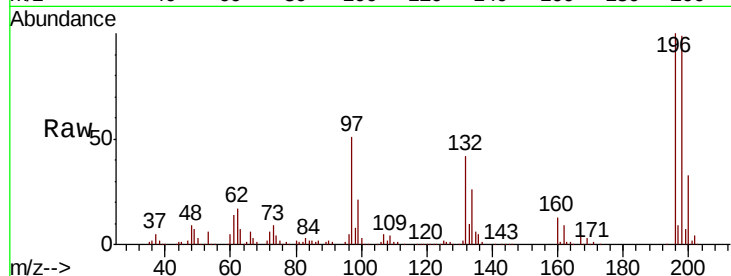




#43
 2,4,6-Trichlorophenol
 Concen: 39.986 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG044282.D
 Acq: 4 Feb 2020 15:39

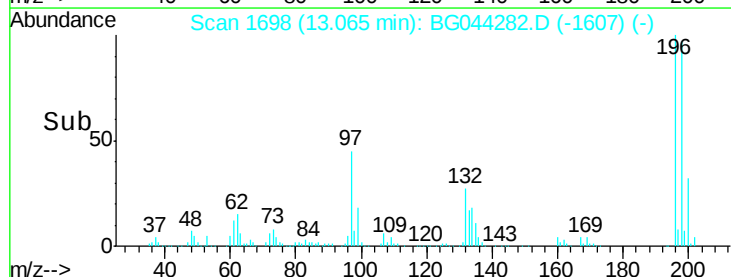
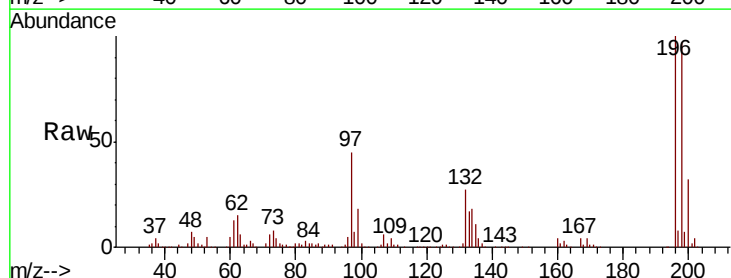
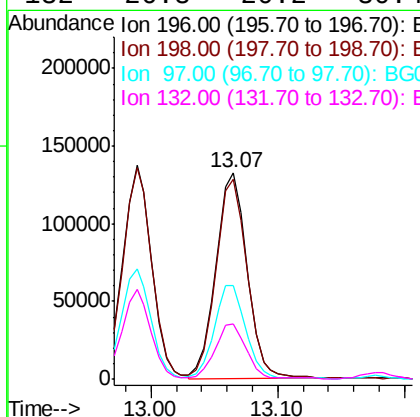
Instrument :
 BNA_G
 ClientSampleId :

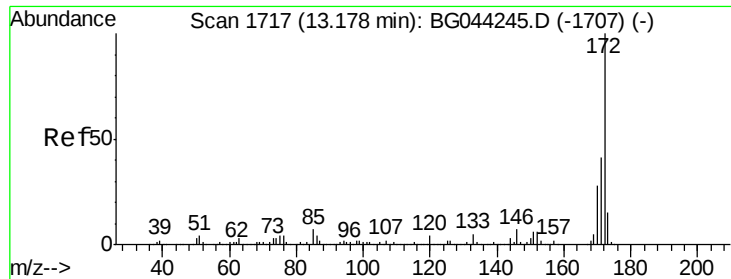
Tot Ion	196	Resp	220664
Ion Ratio	Lower	Upper	
196	100		
198	99.1	79.3	118.9
200	32.7	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 40.167 ng
 RT: 13.07 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG044282.D
 Acq: 4 Feb 2020 15:39

Tgt Ion	196	Resp	226407
Ion Ratio	Lower	Upper	
196	100		
198	96.9	78.2	117.2
97	45.3	36.2	54.4
132	26.8	20.2	30.4



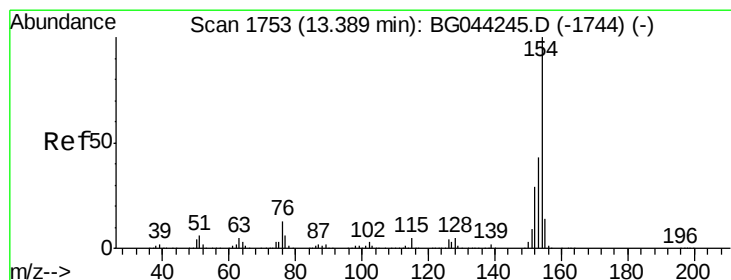
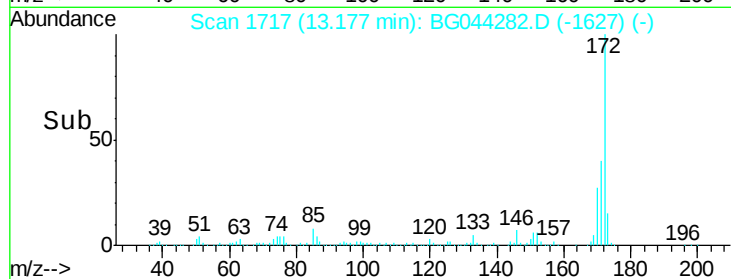
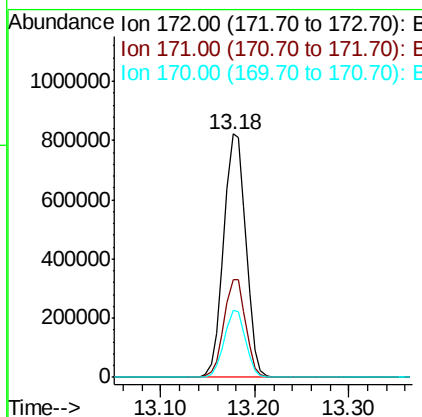
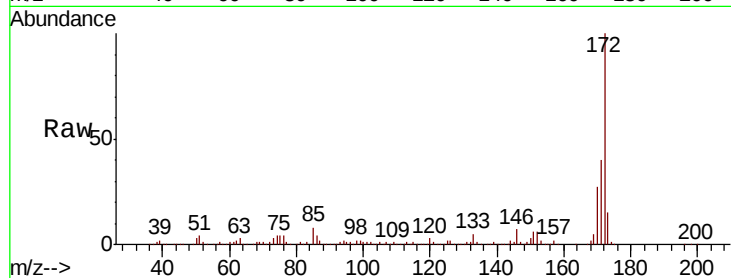


#45
 2-Fluorobiphenyl
 Concen: 79.493 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG044282.D
 Acq: 4 Feb 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1354885

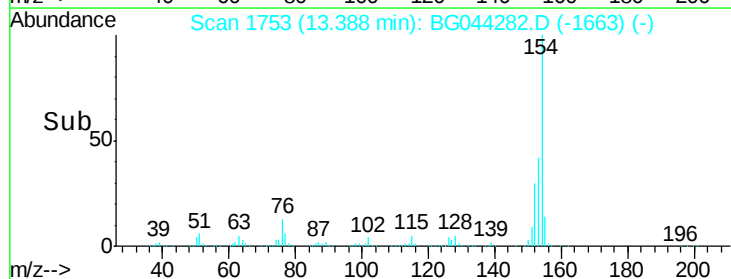
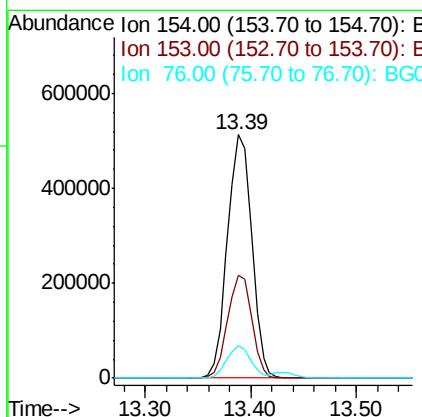
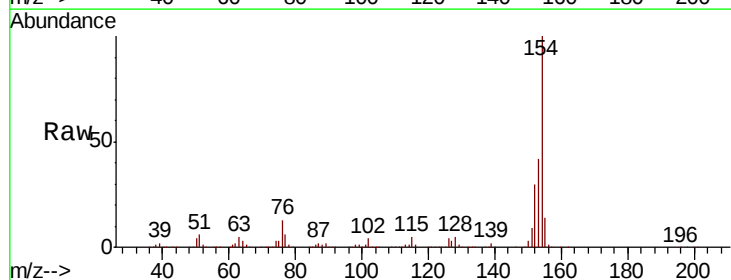
Ion	Ratio	Lower	Upper
172	100		
171	40.3	32.9	49.3
170	27.3	22.0	33.0

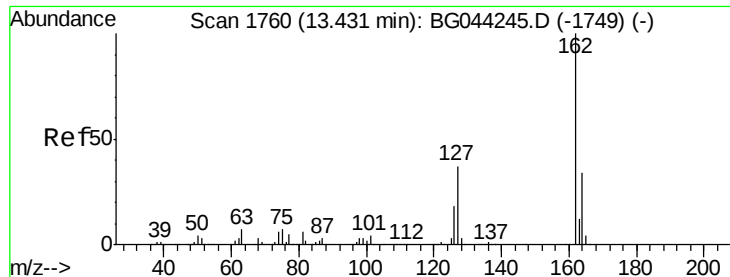


#46
 1,1'-Biphenyl
 Concen: 39.623 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG044282.D
 Acq: 4 Feb 2020 15:39

Tgt Ion:154 Resp: 815726

Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.7	62.7
76	13.1	0.0	32.9





#47

2-Chloronaphthalene

Concen: 39.504 ng

RT: 13.43 min Scan# 1760

Delta R.T. -0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

Instrument :

BNA_G

ClientSampleId :

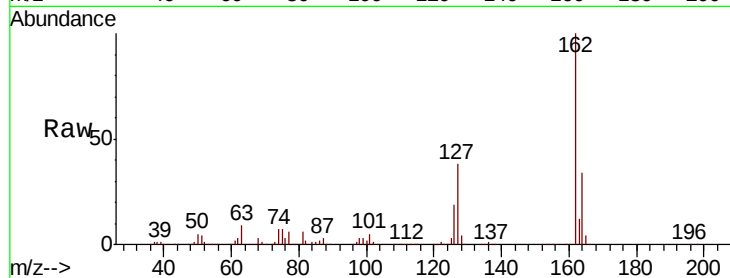
Tot Ion:162 Resp: 647162

Ion Ratio Lower Upper

162 100

127 38.1 30.0 45.0

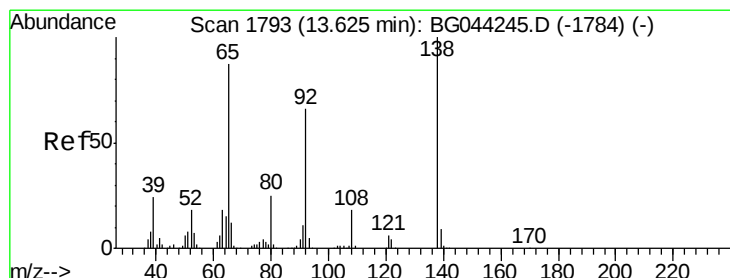
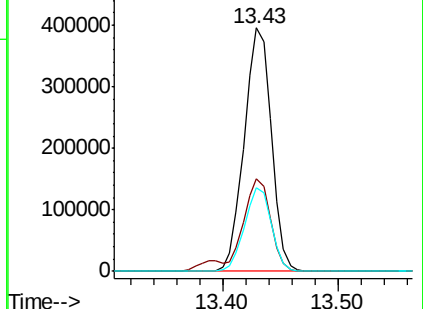
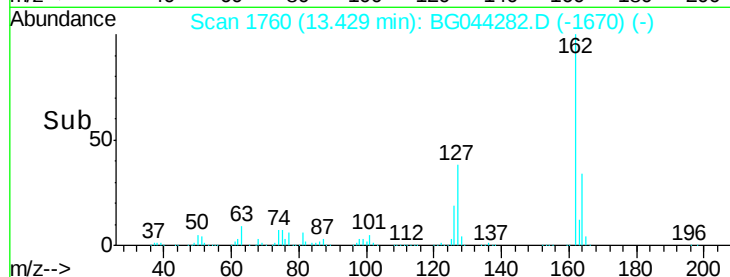
164 34.5 27.2 40.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.085 ng

RT: 13.63 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

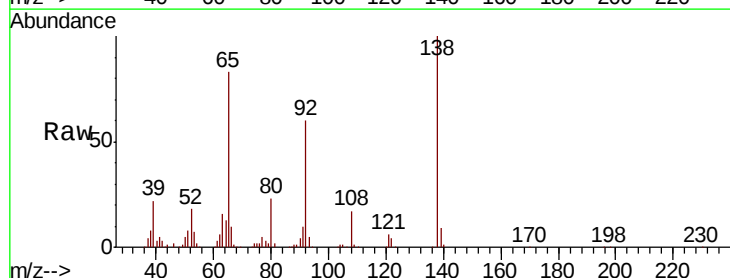
Tgt Ion: 65 Resp: 193800

Ion Ratio Lower Upper

65 100

92 72.9 60.3 90.5

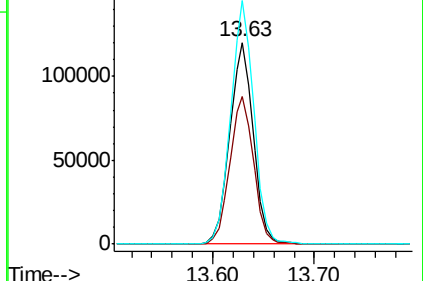
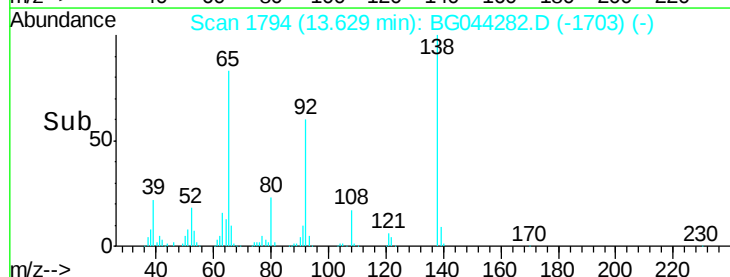
138 120.7 91.9 137.9

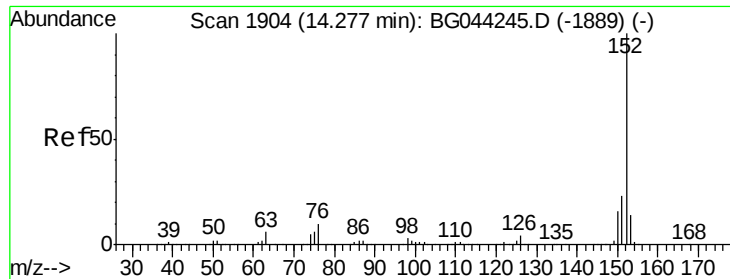


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.971 ng

RT: 14.28 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

Instrument :

BNA_G

ClientSampleId :

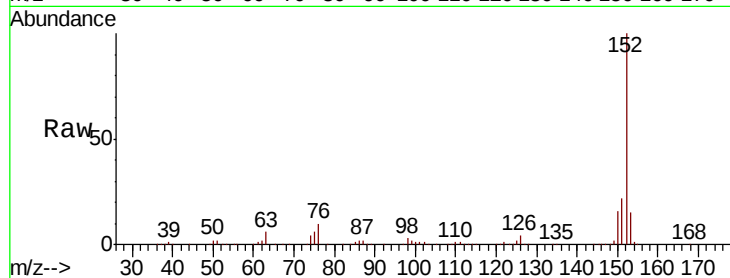
Tot Ion:152 Resp: 960436

Ion Ratio Lower Upper

152 100

151 21.9 18.1 27.1

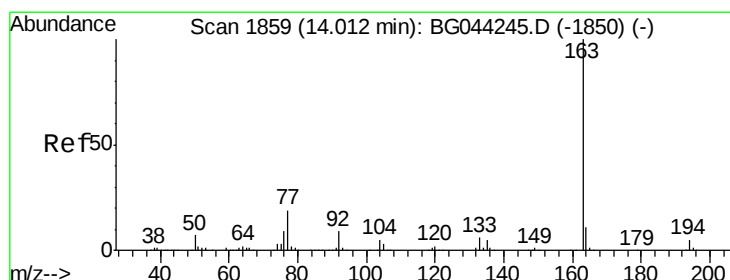
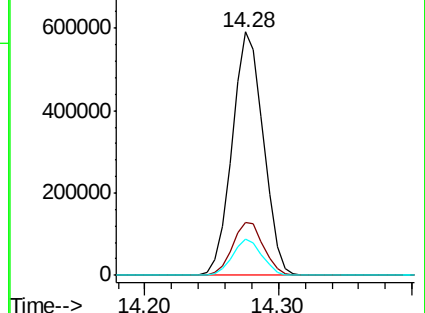
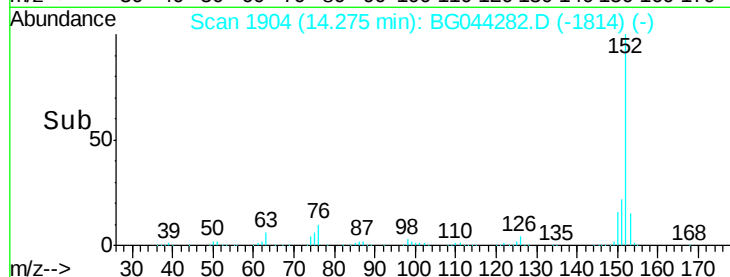
153 14.6 11.5 17.3



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: 39.949 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

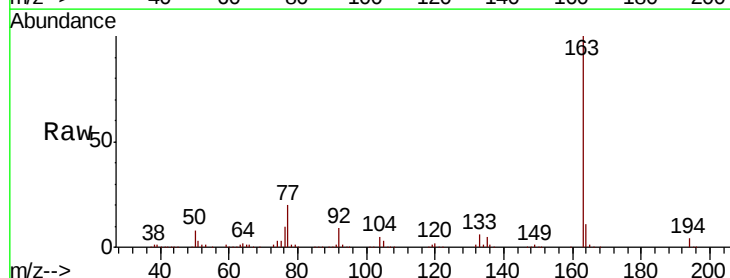
Tgt Ion:163 Resp: 819617

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

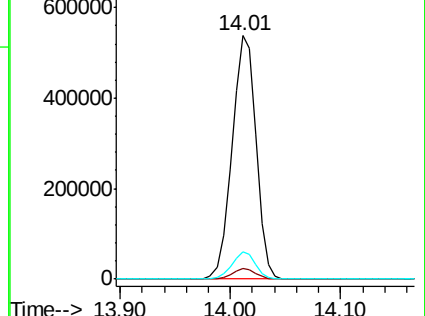
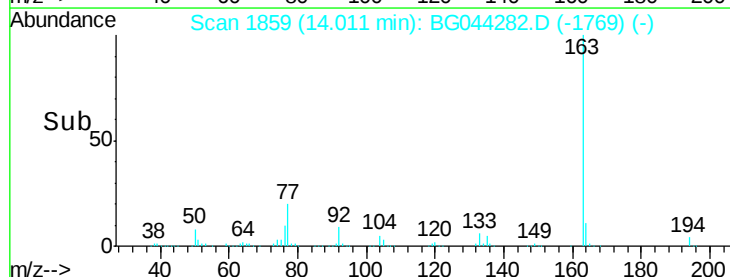
164 11.0 8.7 13.1

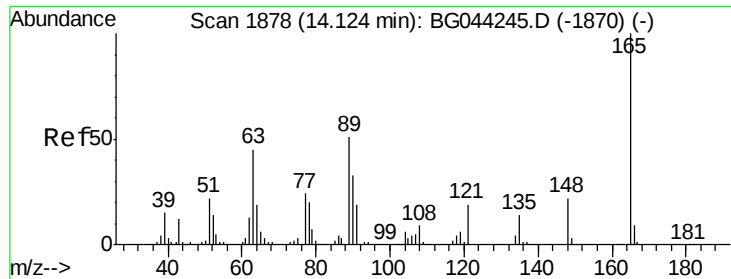


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

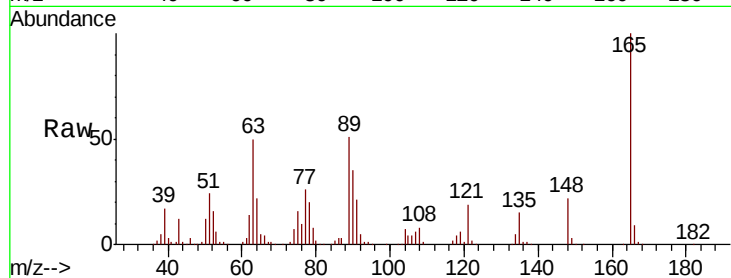




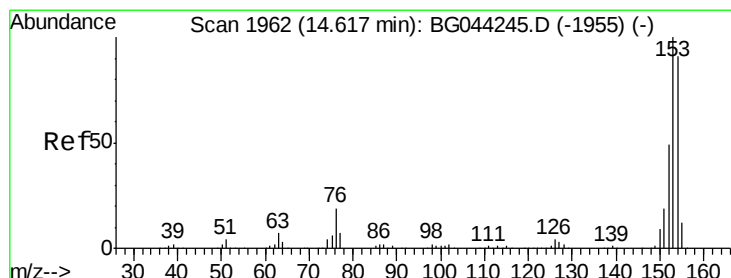
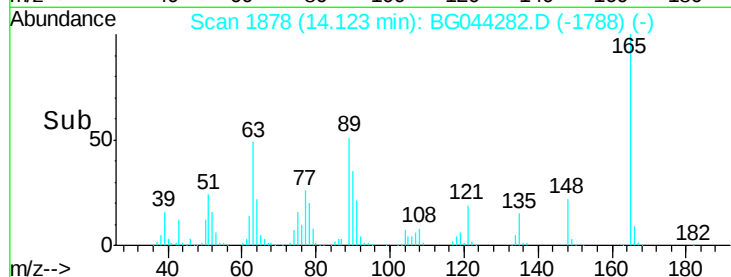
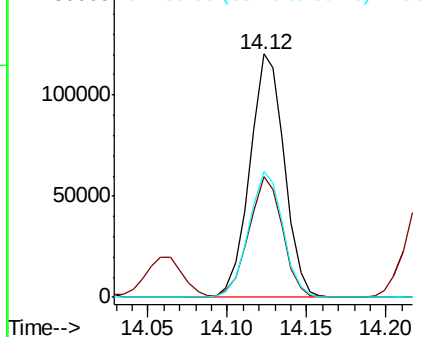
#51
 2,6-Dinitrotoluene
 Concen: 39.611 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: BG044282.D
 Acq: 4 Feb 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 181198
 Ion Ratio Lower Upper
 165 100
 63 49.7 38.7 58.1
 89 51.5 40.4 60.6

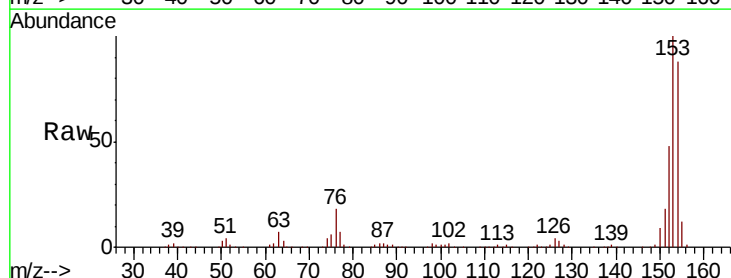


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

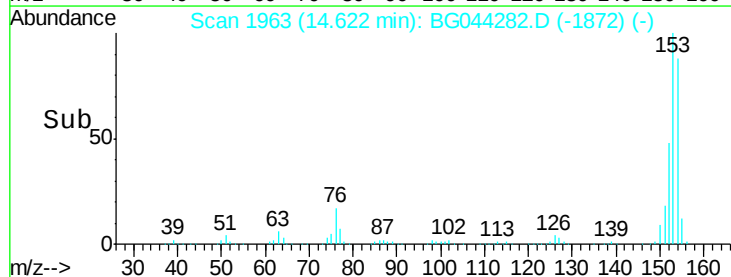
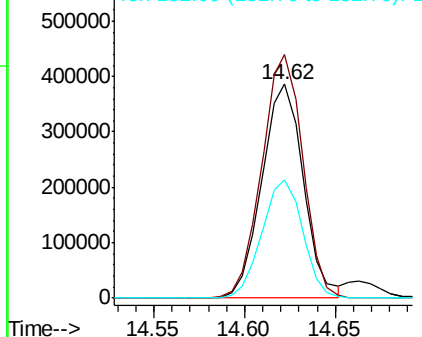


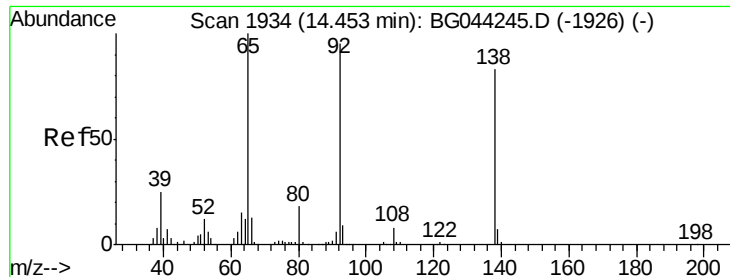
#52
 Acenaphthene
 Concen: 39.449 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BG044282.D
 Acq: 4 Feb 2020 15:39

Tgt Ion:154 Resp: 614405
 Ion Ratio Lower Upper
 154 100
 153 113.8 87.9 131.9
 152 55.1 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: 40.219 ng

RT: 14.46 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

Instrument :

BNA_G

ClientSampleId :

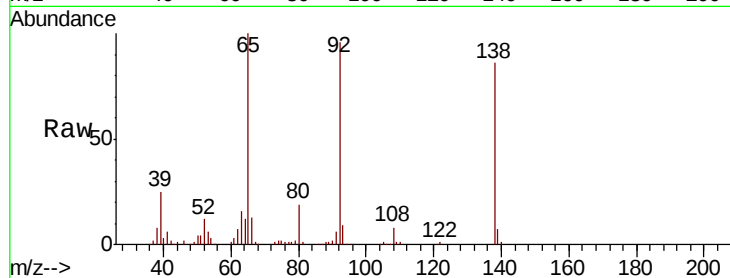
Tot Ion:138 Resp: 203544

Ion Ratio Lower Upper

138 100

108 9.9 7.9 11.9

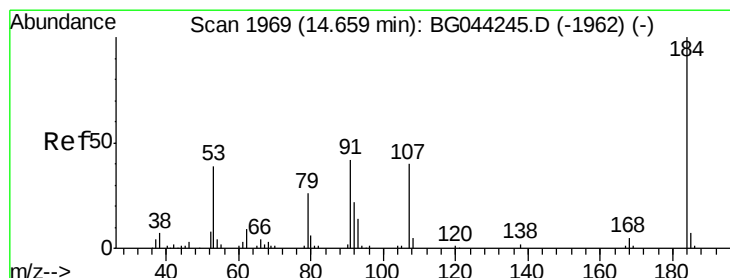
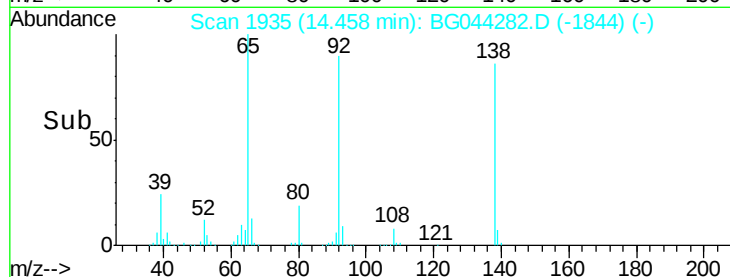
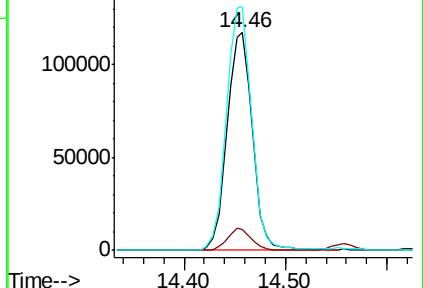
92 111.9 91.0 136.4



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: 39.329 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.01 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

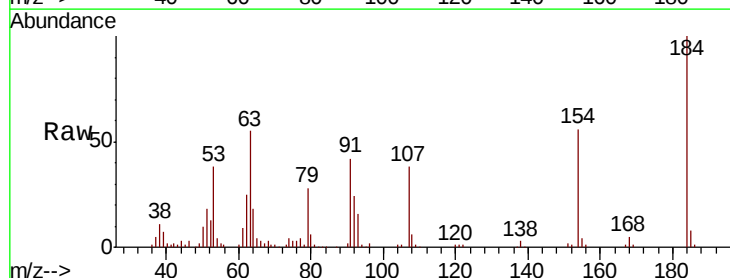
Tgt Ion:184 Resp: 94991

Ion Ratio Lower Upper

184 100

63 54.6 44.1 66.1

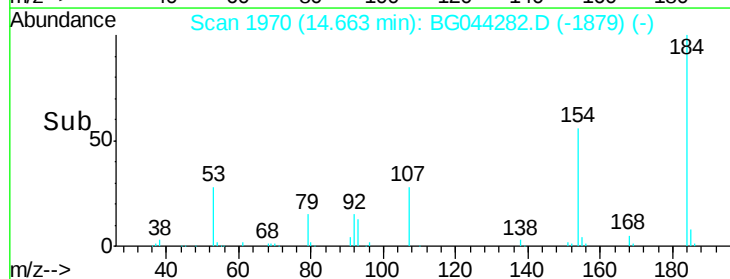
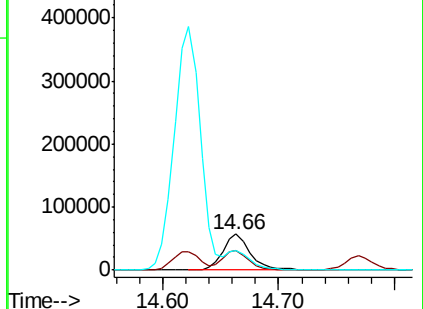
154 55.6 45.4 68.0

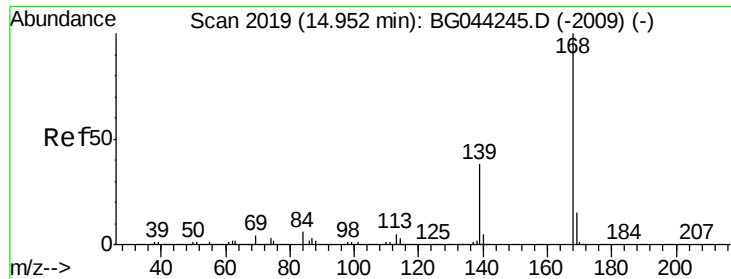


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

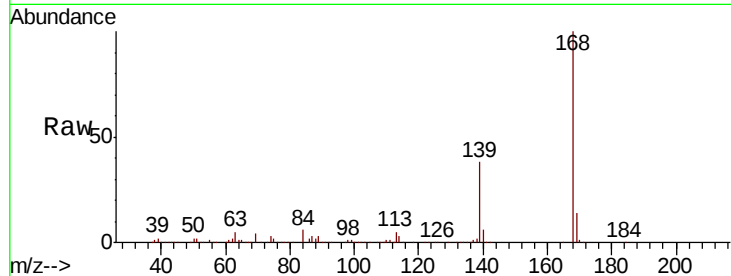




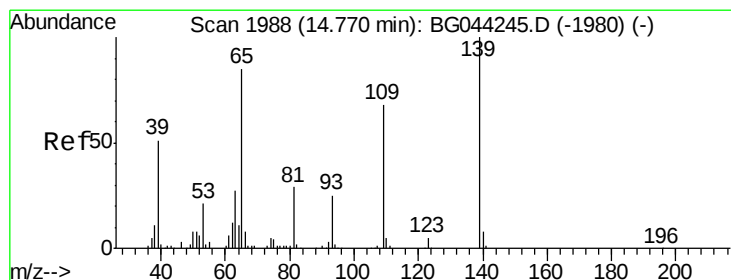
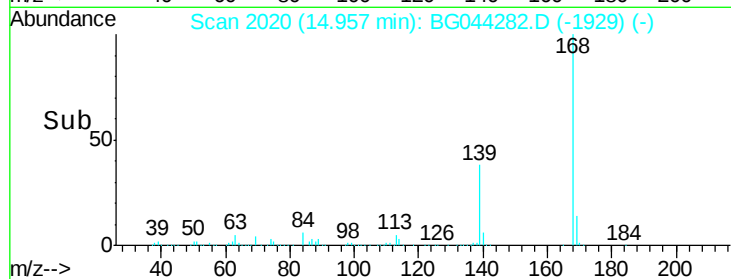
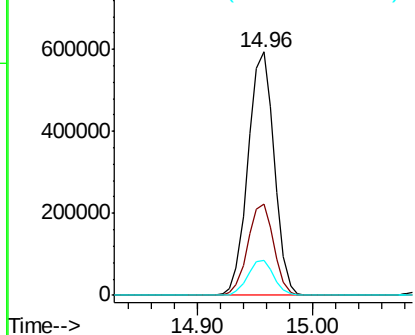
#55
Dibenzofuran
Concen: 39.817 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.5	45.7
169	14.4	11.7	17.5

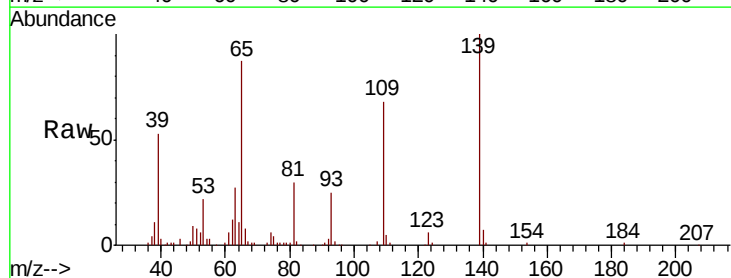


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

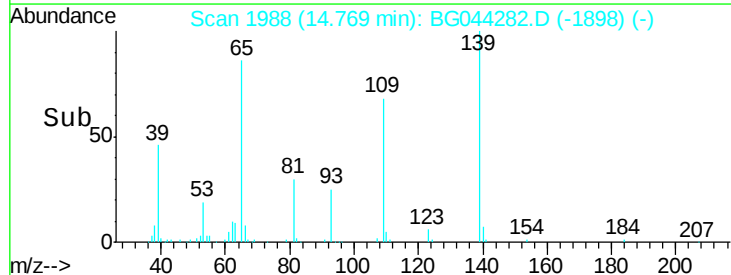
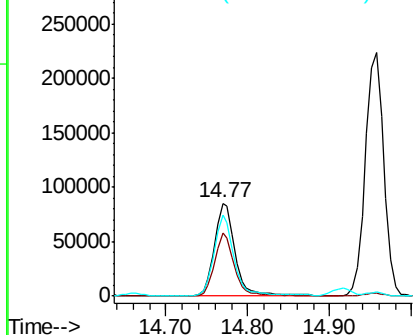


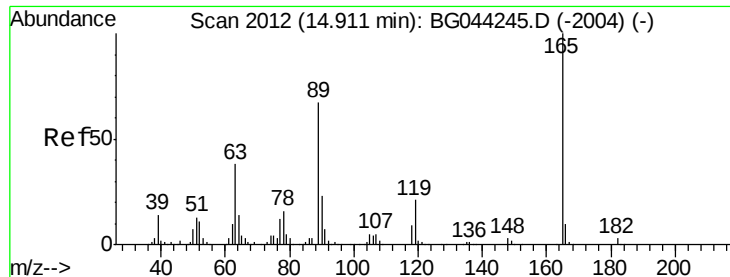
#56
4-Nitrophenol
Concen: 41.272 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.0	47.5	87.5
65	87.2	64.9	104.9



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

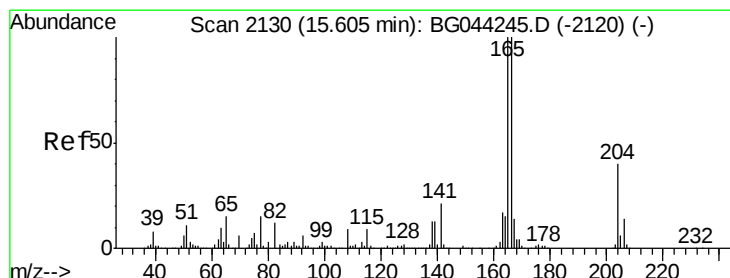
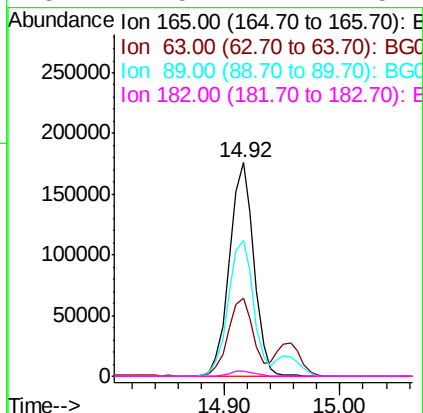
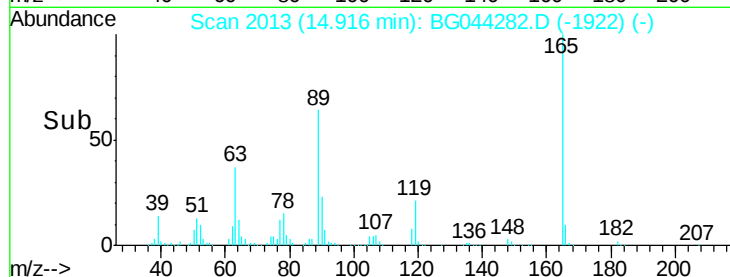
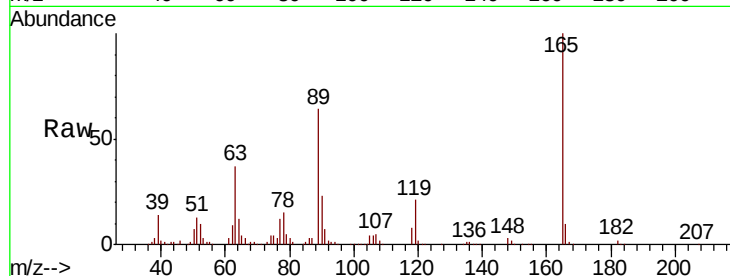




#57
2,4-Dinitrotoluene
Concen: 40.013 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

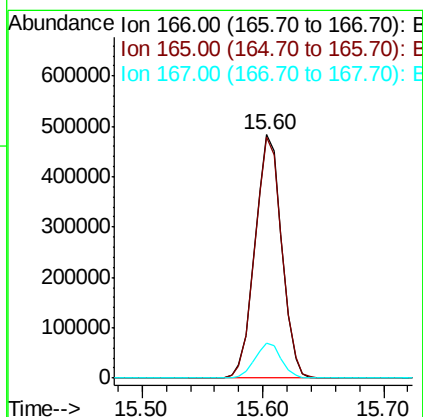
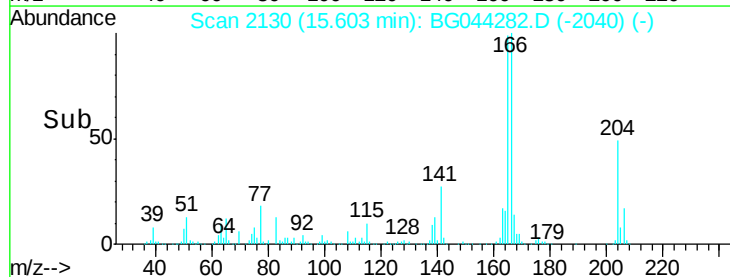
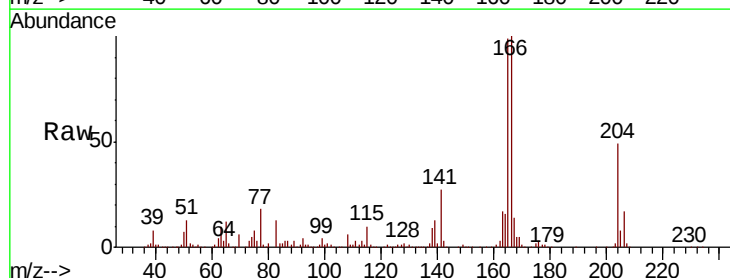
Instrument :
BNA_G
ClientSampled :

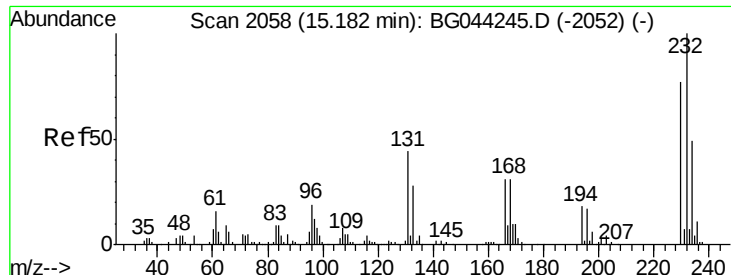
Tot Ion:165 Resp: 256541
Ion Ratio Lower Upper
165 100
63 36.8 30.3 45.5
89 63.7 53.4 80.2
182 2.5 2.1 3.1



#58
Fluorene
Concen: 39.919 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Tgt Ion:166 Resp: 741409
Ion Ratio Lower Upper
166 100
165 98.9 79.9 119.9
167 14.4 11.4 17.0

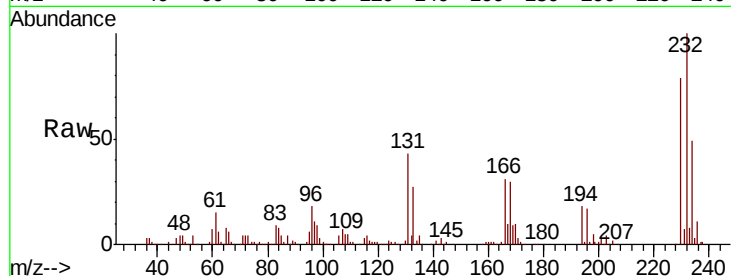




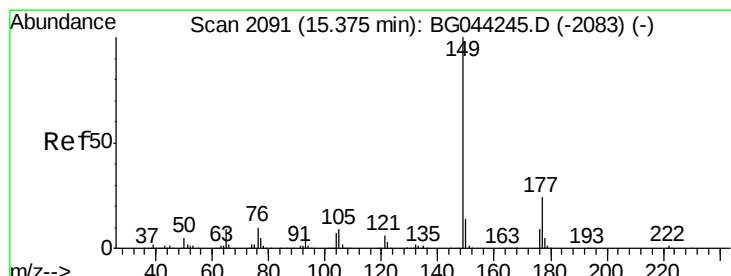
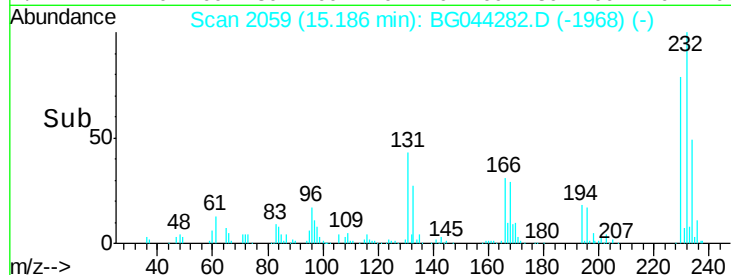
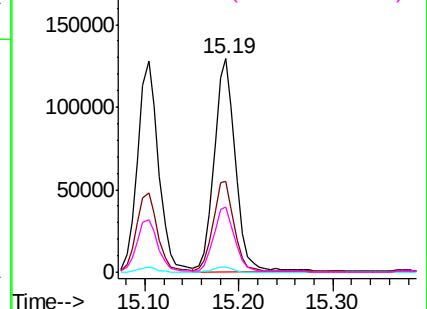
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.328 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BG044282.D
 Acq: 4 Feb 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.2	34.2	51.4
130	2.4	1.8	2.8
166	31.0	23.8	35.8

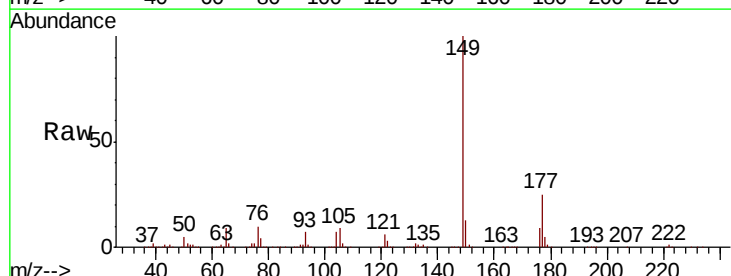


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

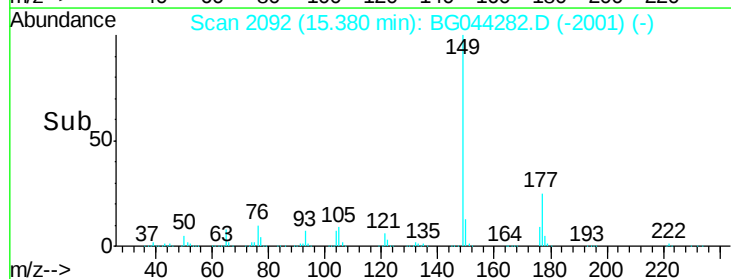
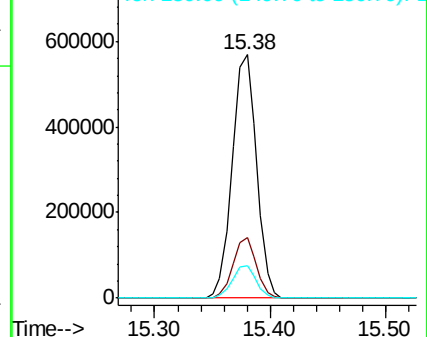


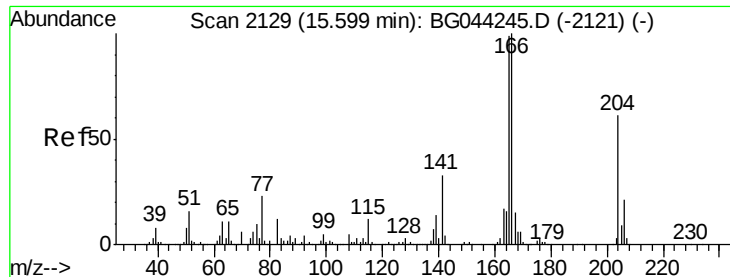
#60
 Diethylphthalate
 Concen: 40.494 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BG044282.D
 Acq: 4 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.4	29.0
150	13.5	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

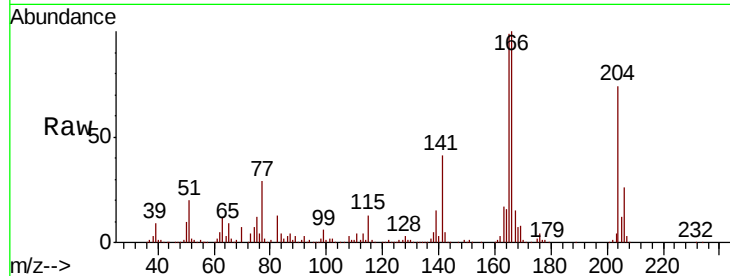




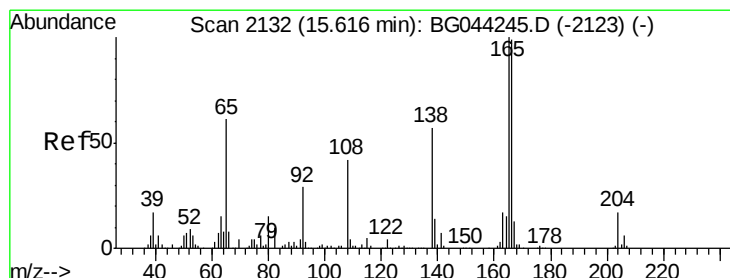
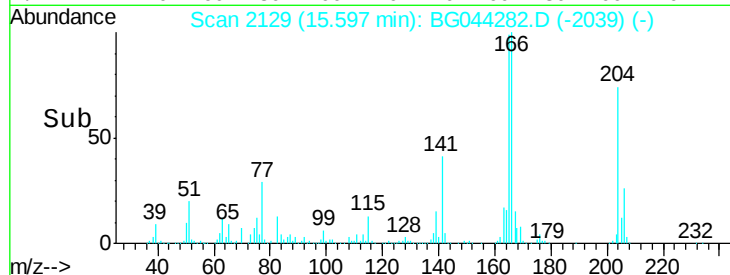
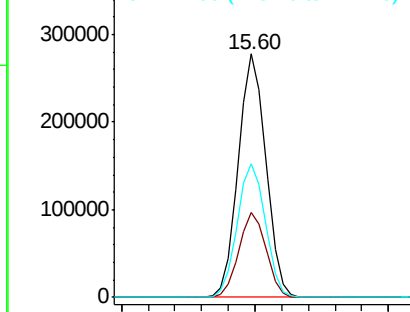
#61
4-Chlorophenyl-phenylether
Concen: 39.484 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	27.6	41.4
141	55.0	43.4	65.0

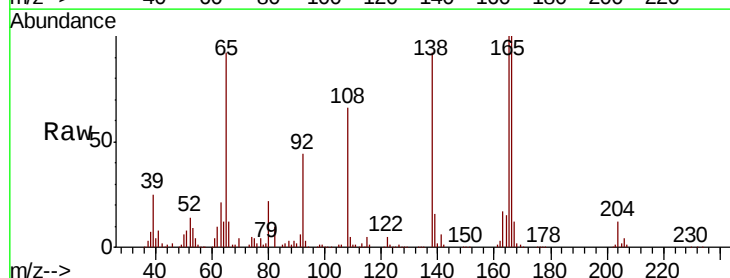


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

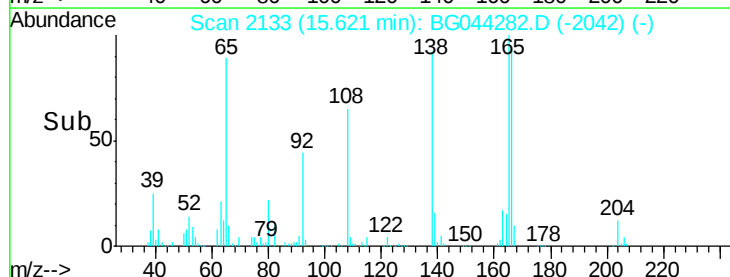
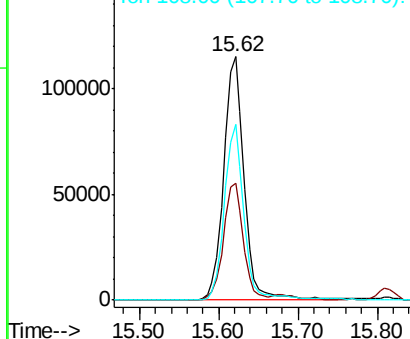


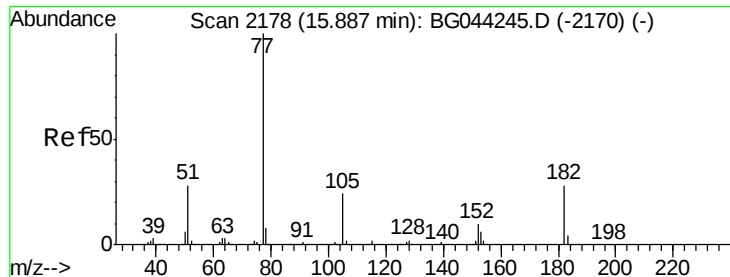
#62
4-Nitroaniline
Concen: 40.647 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.0	31.3	71.3
108	72.2	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: 40.404 ng

RT: 15.89 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 723907

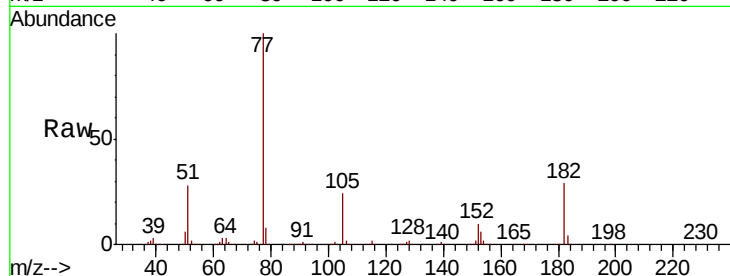
Ion Ratio Lower Upper

77 100

182 29.0 8.2 48.2

105 24.0 3.6 43.6

51 28.2 8.3 48.3

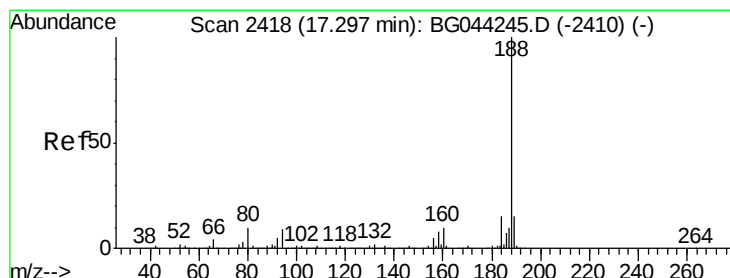
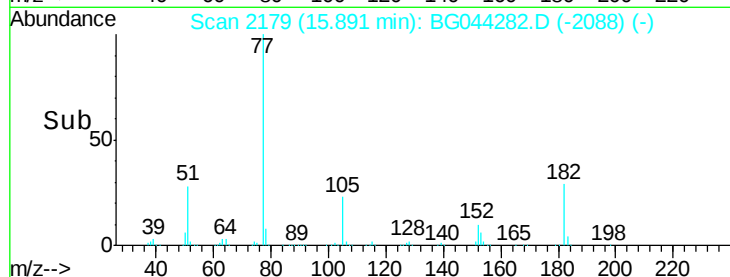
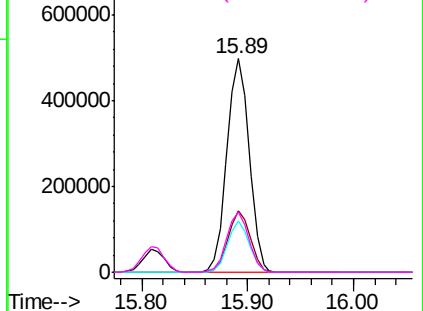


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

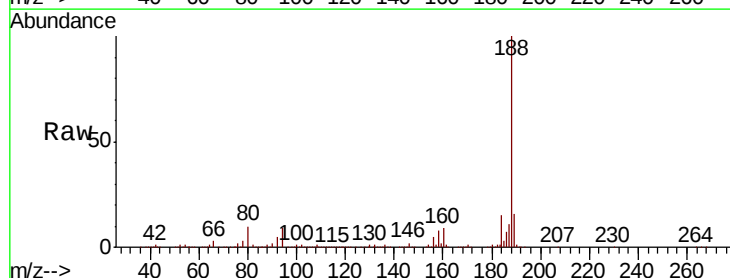
Tgt Ion: 188 Resp: 610974

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

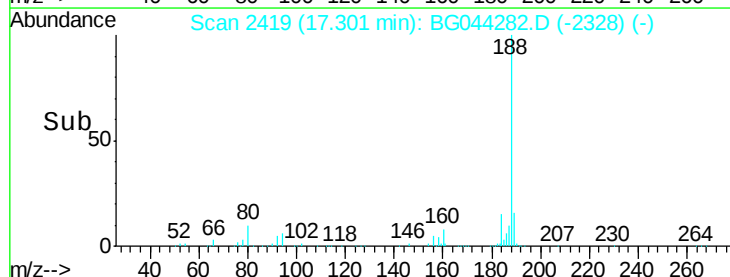
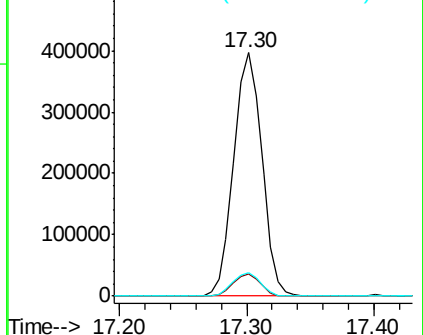
80 9.8 7.7 11.5

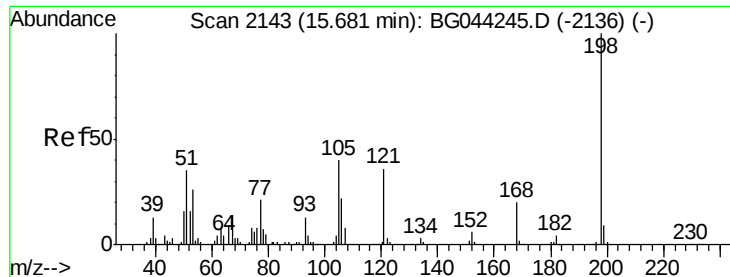


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 41.074 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

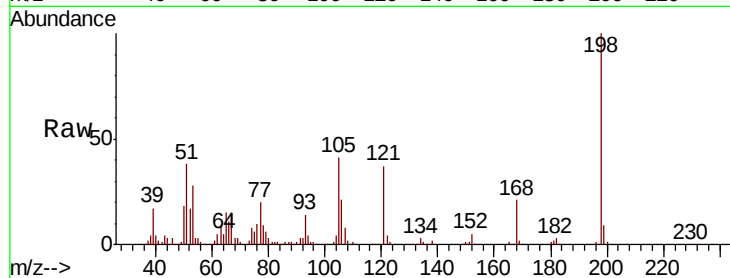
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 138526

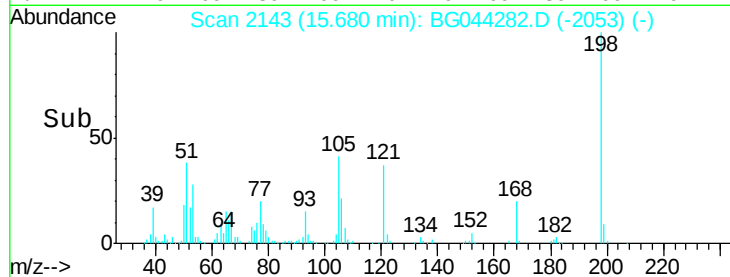
Ion	Ratio	Lower	Upper
198	100		
51	38.2	16.6	56.6
105	41.3	20.6	60.6



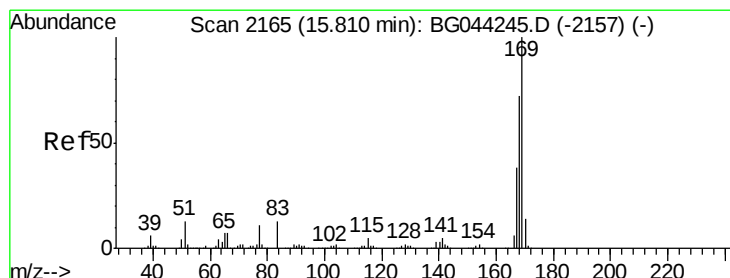
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 40.153 ng

RT: 15.81 min Scan# 2165

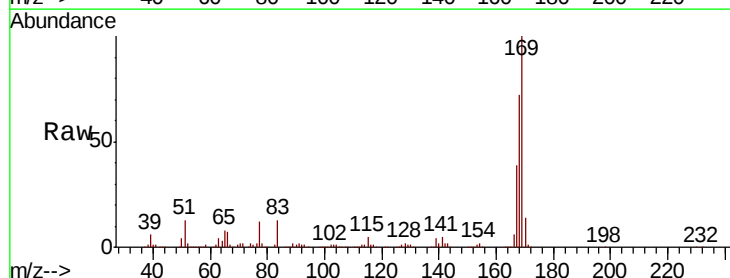
Delta R.T. -0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

Tgt Ion:169 Resp: 687504

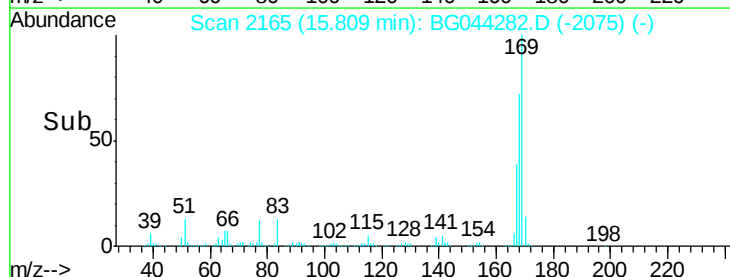
Ion	Ratio	Lower	Upper
169	100		
168	71.9	57.9	86.9
167	38.6	30.7	46.1



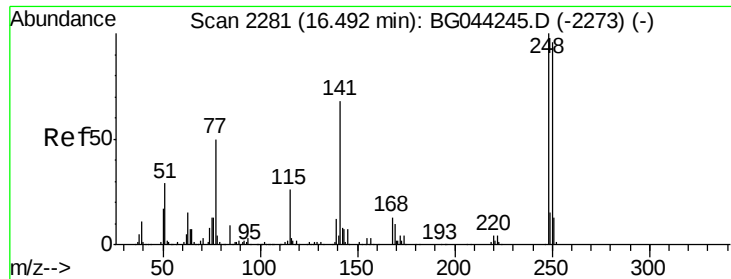
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



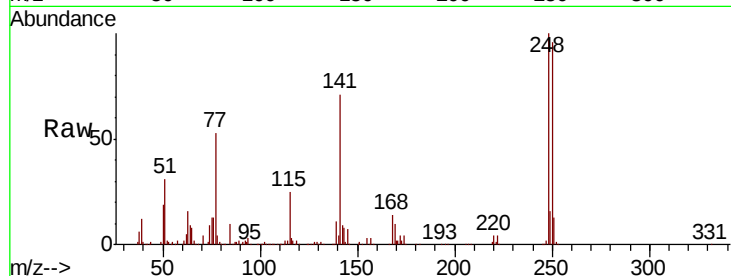
Time-->



#67
4-Bromophenyl-phenylether
Concen: 40.065 ng
RT: 16.49 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	76.6	114.8
141	70.6	54.7	82.1

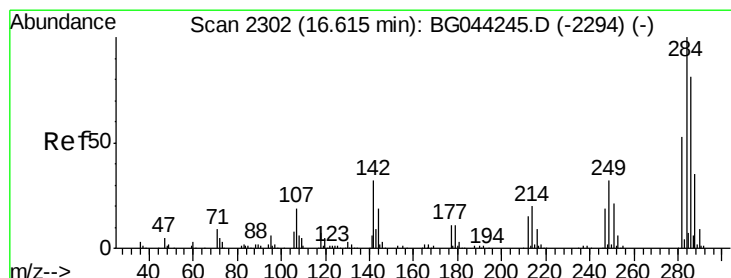
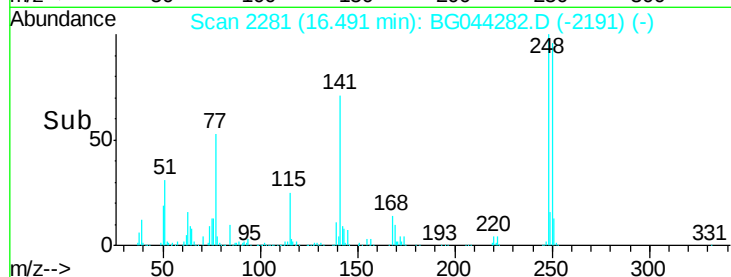
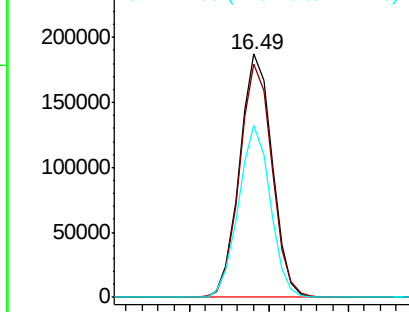


Abundance

Ion 248.00 (247.70 to 248.70): E

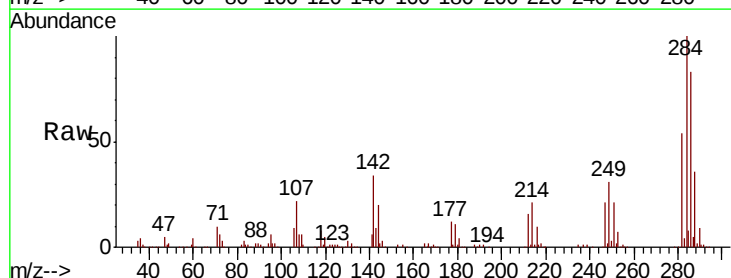
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.380 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.9	25.3	37.9
249	31.1	25.5	38.3

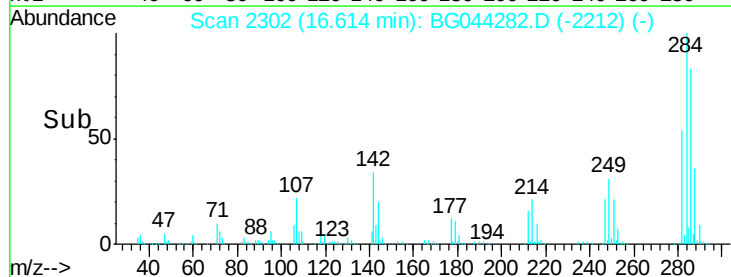
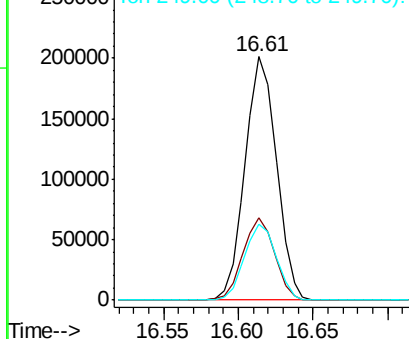


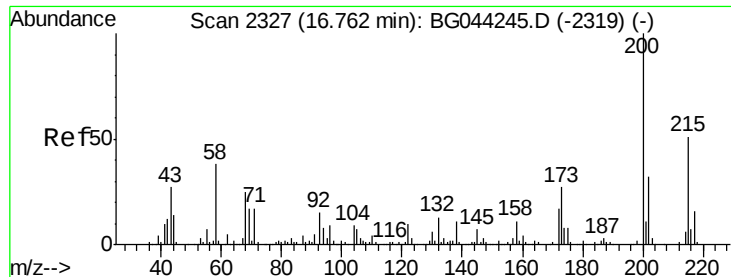
Abundance

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

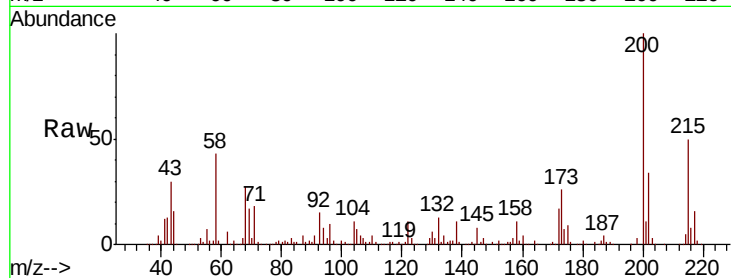




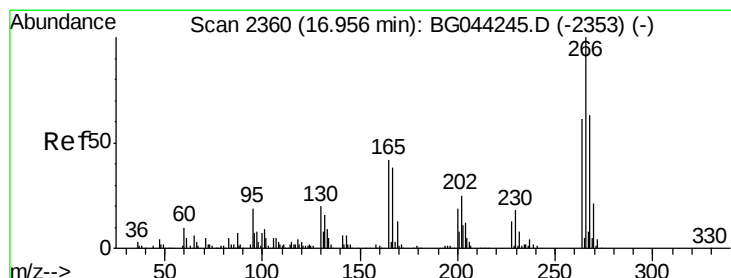
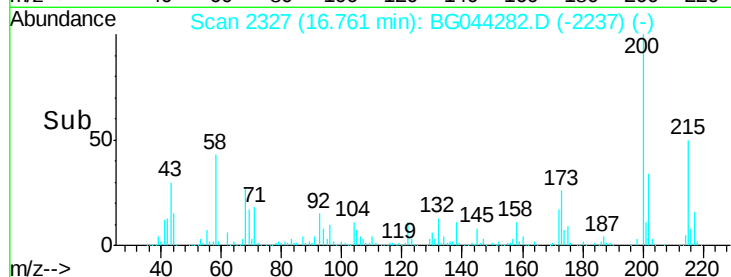
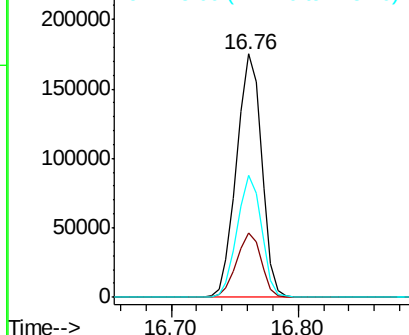
#69
Atrazine
Concen: 41.003 ng
RT: 16.76 min Scan# 2327
Delta R.T. -0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:200 Resp: 240635
Ion Ratio Lower Upper
200 100
173 26.5 6.6 46.6
215 50.3 31.0 71.0

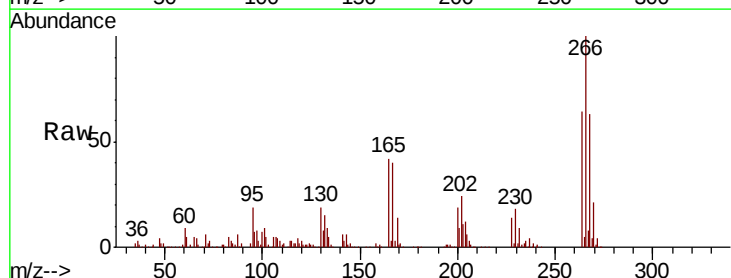


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

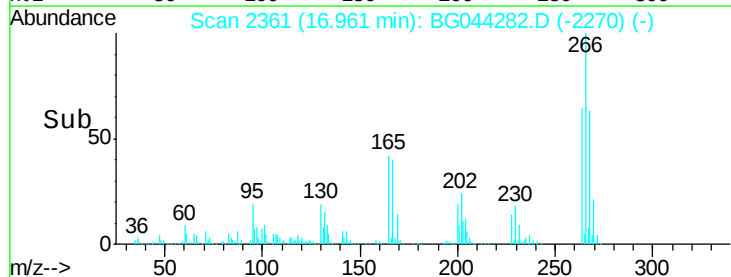
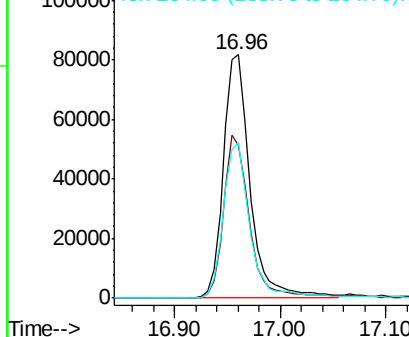


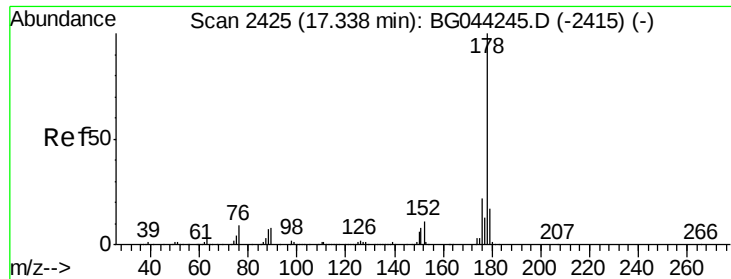
#70
Pentachlorophenol
Concen: 39.740 ng
RT: 16.96 min Scan# 2361
Delta R.T. 0.01 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Tgt Ion:266 Resp: 143660
Ion Ratio Lower Upper
266 100
268 62.8 50.6 75.8
264 63.9 48.7 73.1



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

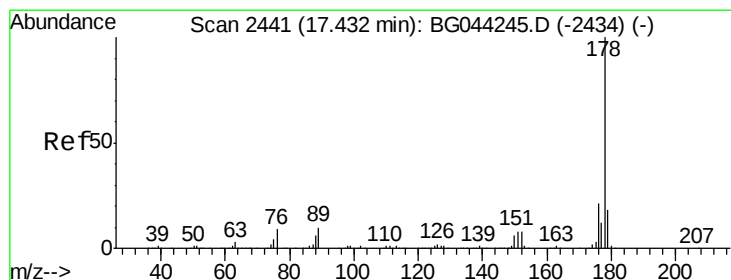
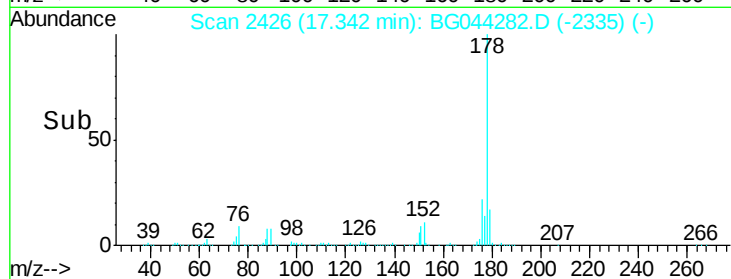
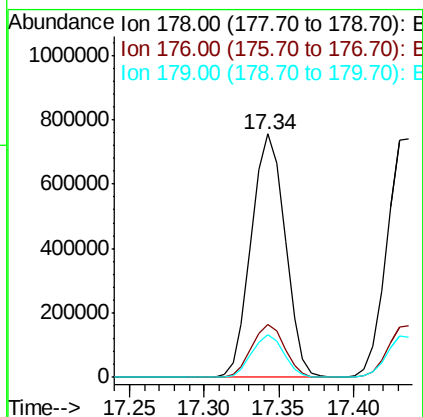
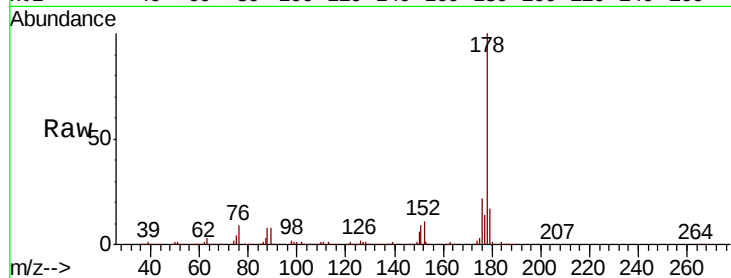




#71
Phenanthrene
Concen: 40.188 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

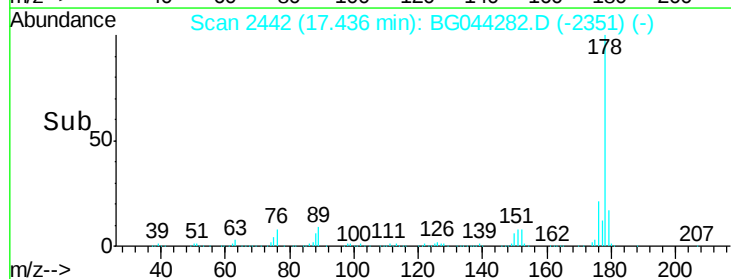
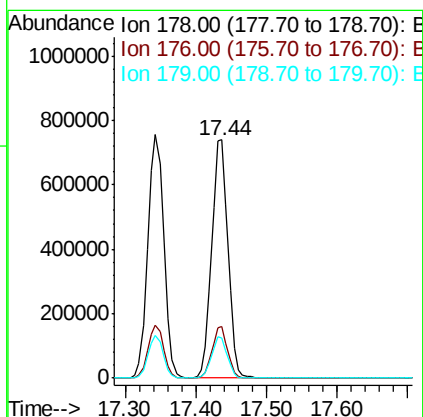
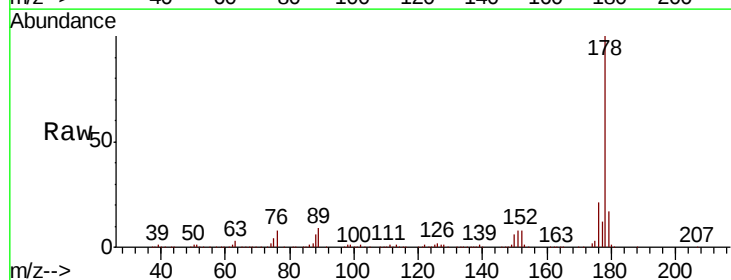
Instrument :
BNA_G
ClientSampled :

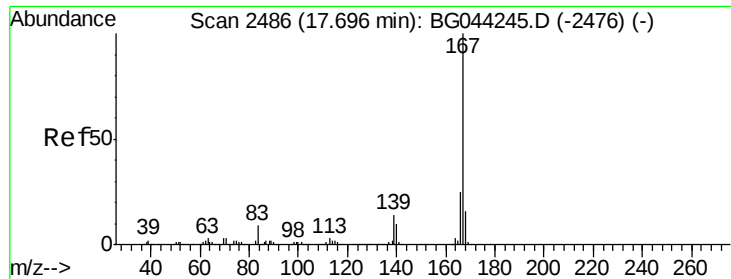
Tot Ion:178 Resp: 1188981
Ion Ratio Lower Upper
178 100
176 21.8 17.7 26.5
179 17.3 13.7 20.5



#72
Anthracene
Concen: 40.478 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Tgt Ion:178 Resp: 1183990
Ion Ratio Lower Upper
178 100
176 21.5 17.0 25.4
179 17.1 14.4 21.6





#73

Carbazole

Concen: 40.688 ng

RT: 17.70 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

Instrument :

BNA_G

ClientSampleId :

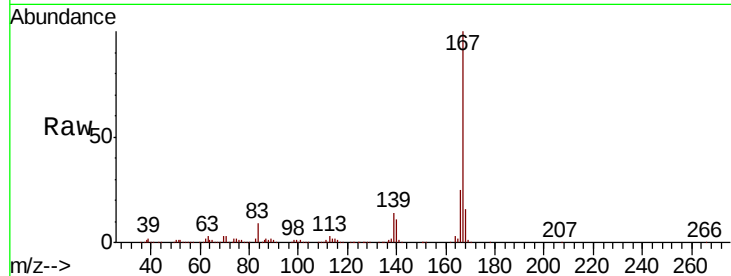
Tot Ion:167 Resp: 1097156

Ion Ratio Lower Upper

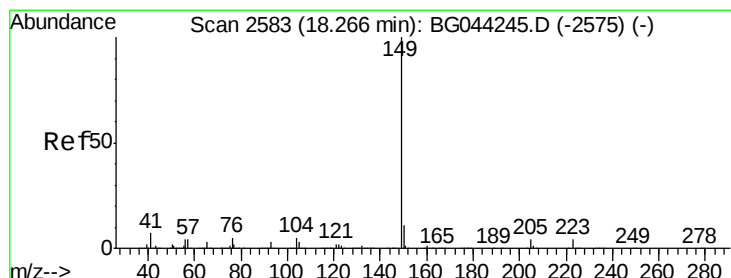
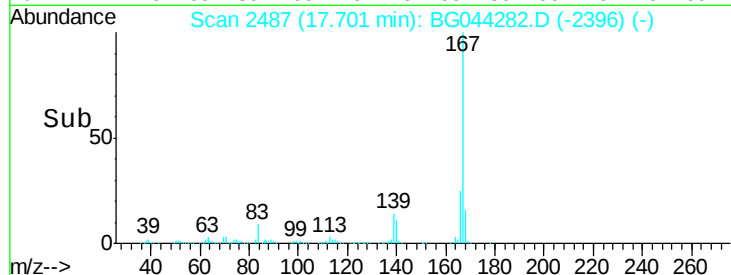
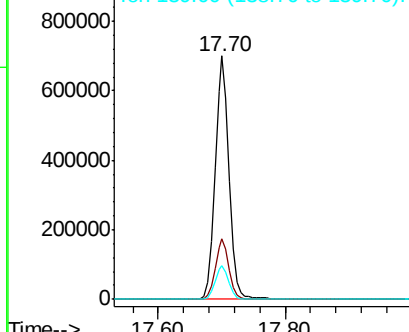
167 100

166 24.7 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: 42.281 ng

RT: 18.27 min Scan# 2584

Delta R.T. 0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

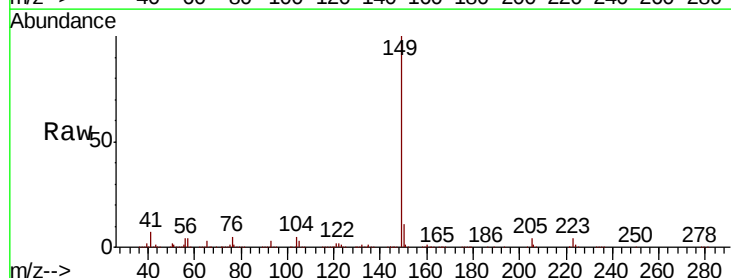
Tgt Ion:149 Resp: 1408905

Ion Ratio Lower Upper

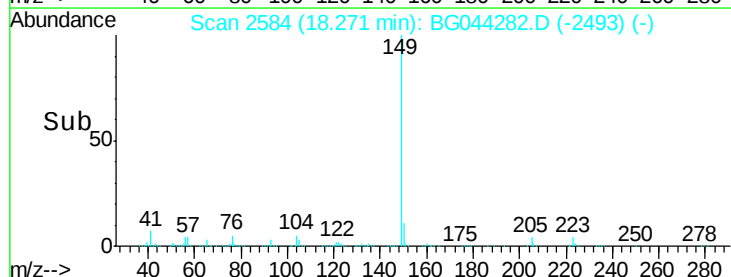
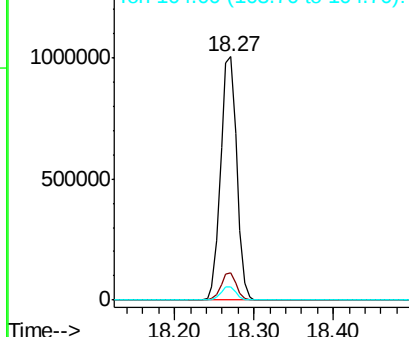
149 100

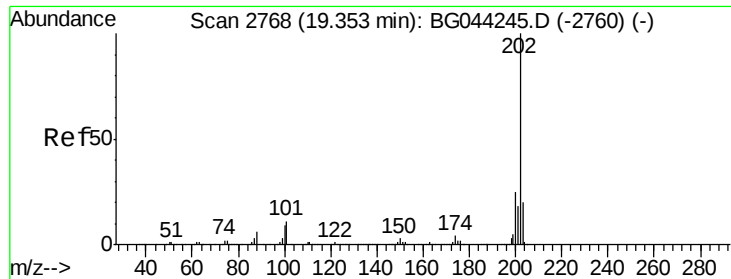
150 11.0 8.7 13.1

104 5.3 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: 40.617 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

Instrument :

BNA_G

ClientSampleId :

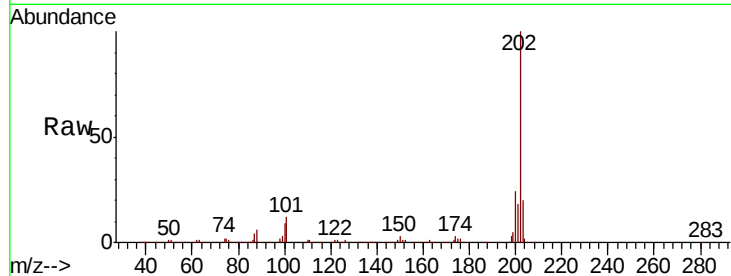
Tot Ion:202 Resp: 1390095

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.3

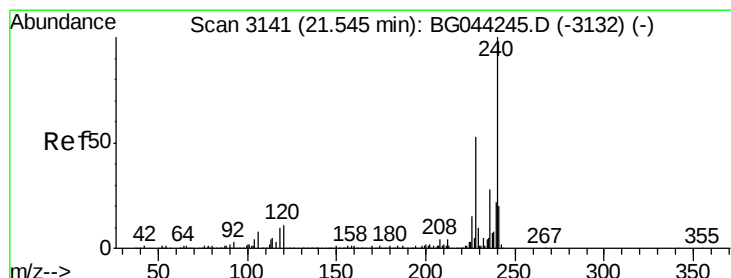
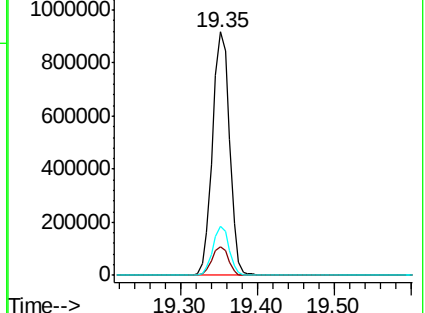
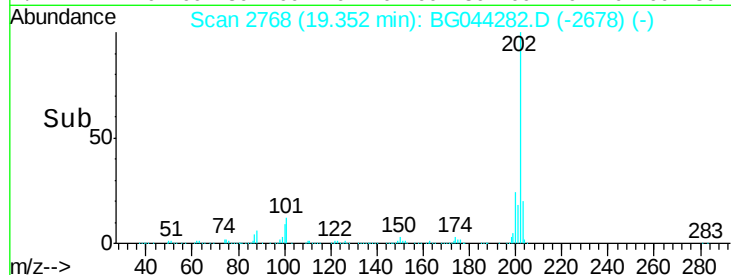
203 20.3 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

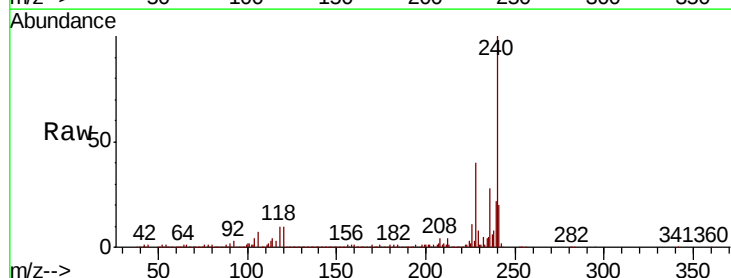
Tgt Ion:240 Resp: 532245

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

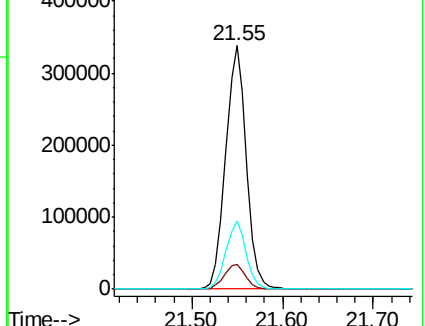
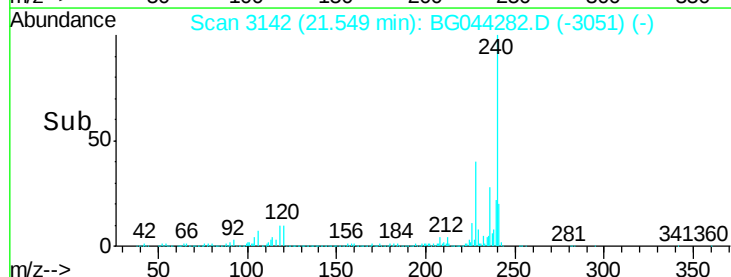
236 27.8 22.1 33.1

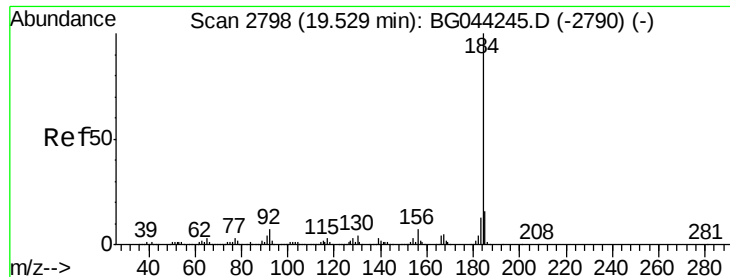


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

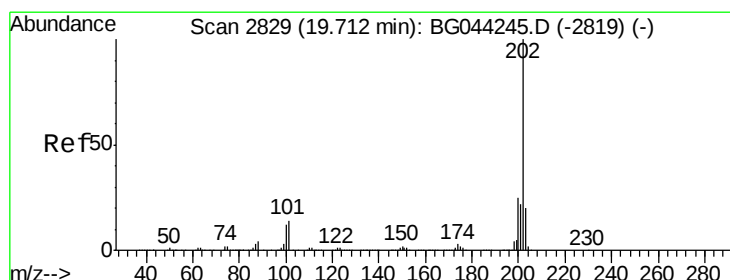
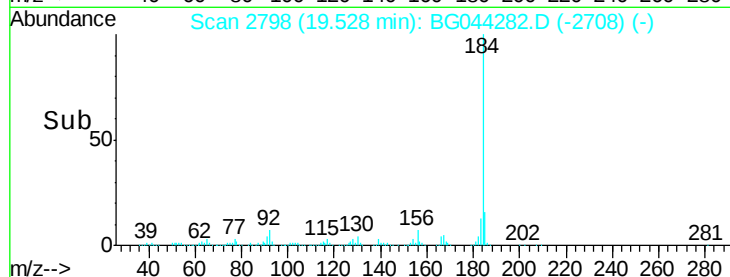
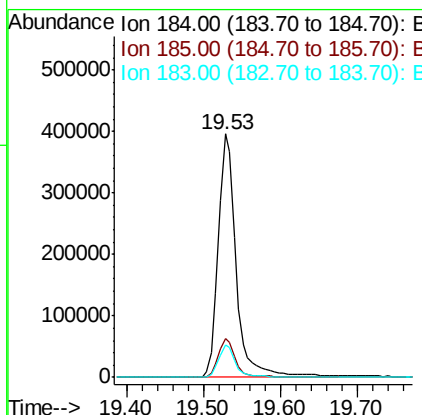
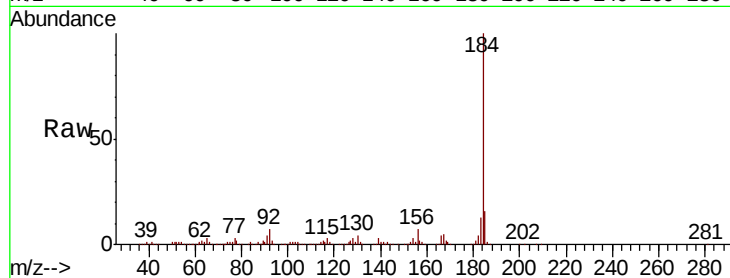




#77
Benzidine
Concen: 43.411 ng
RT: 19.53 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

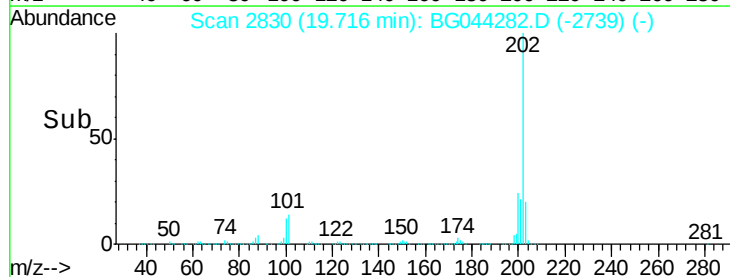
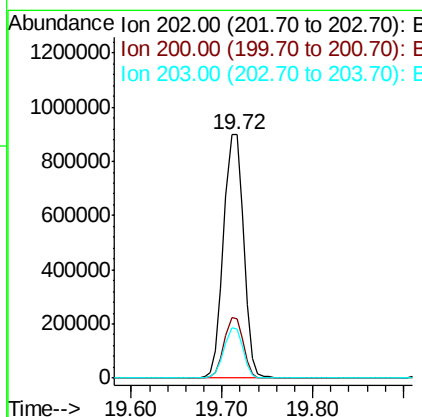
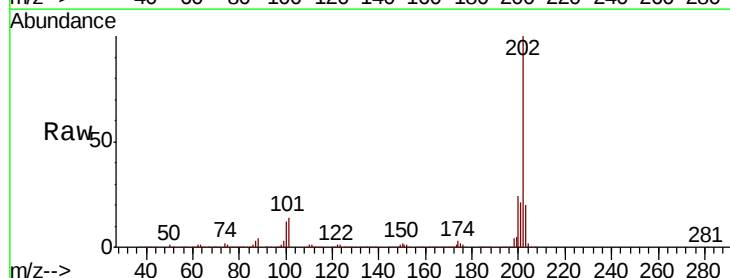
Instrument :
BNA_G
ClientSampleId :

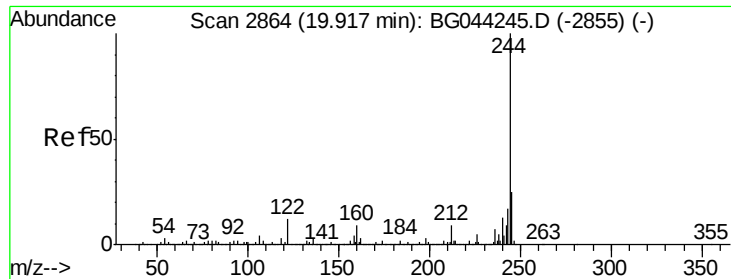
Tot Ion:184 Resp: 640886
Ion Ratio Lower Upper
184 100
185 16.2 12.9 19.3
183 13.2 10.8 16.2



#78
Pyrene
Concen: 40.600 ng
RT: 19.72 min Scan# 2830
Delta R.T. 0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Tgt Ion:202 Resp: 1387760
Ion Ratio Lower Upper
202 100
200 24.4 20.0 30.0
203 20.3 16.2 24.2





#79

Terphenyl-d14

Concen: 74.734 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

Instrument :

BNA_G

ClientSampleId :

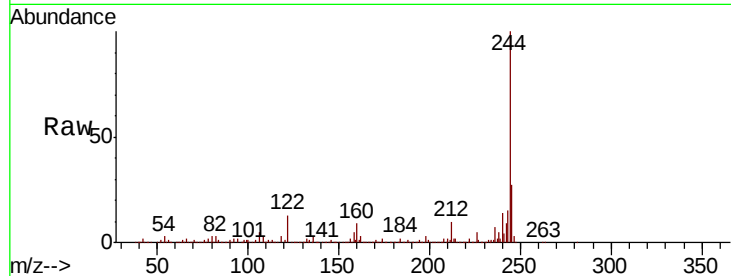
Tot Ion:244 Resp: 1933844

Ion Ratio Lower Upper

244 100

212 9.6 7.4 11.2

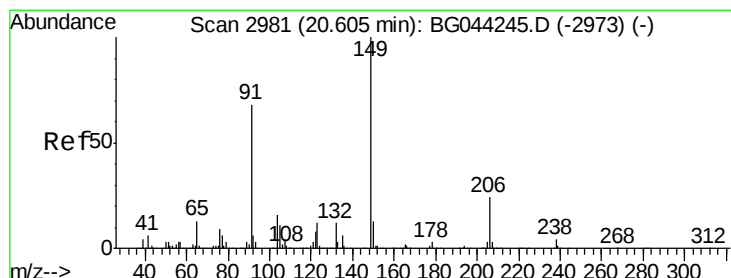
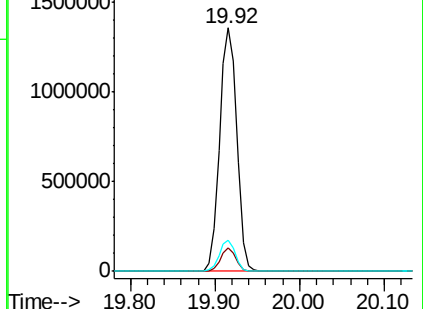
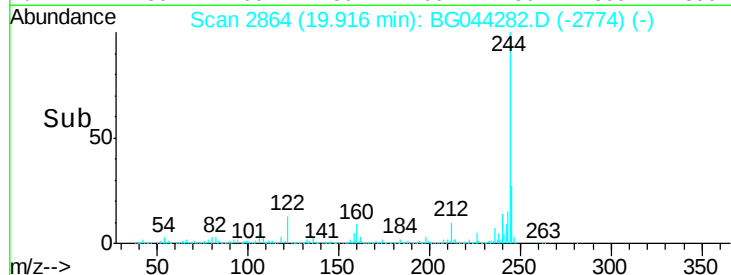
122 12.9 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.807 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

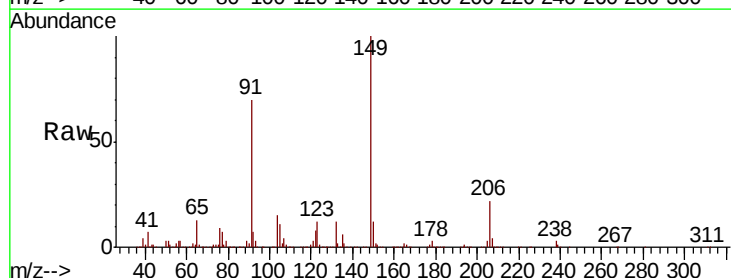
Tgt Ion:149 Resp: 651215

Ion Ratio Lower Upper

149 100

91 70.3 54.5 81.7

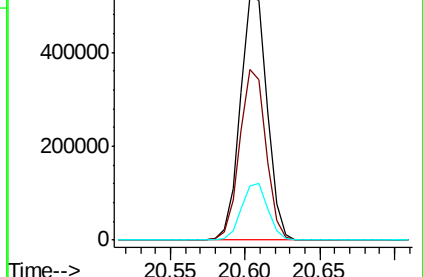
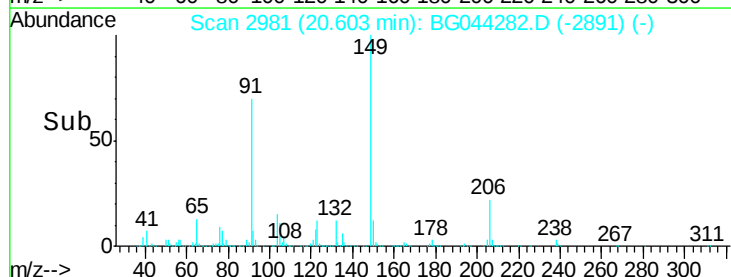
206 22.4 19.1 28.7

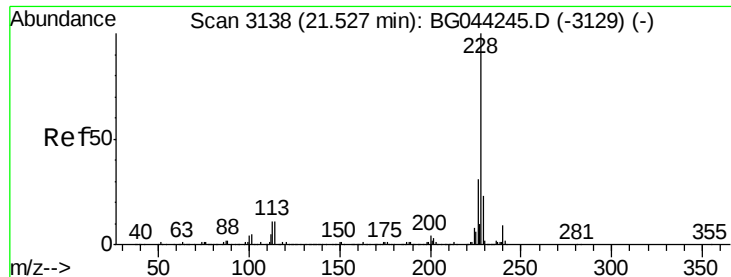


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.421 ng

RT: 21.53 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

Instrument :

BNA_G

ClientSampled :

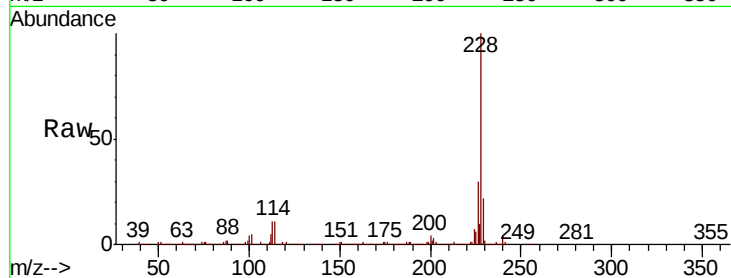
Tot Ion:228 Resp: 1325909

Ion Ratio Lower Upper

228 100

226 30.4 24.7 37.1

229 22.2 18.2 27.4

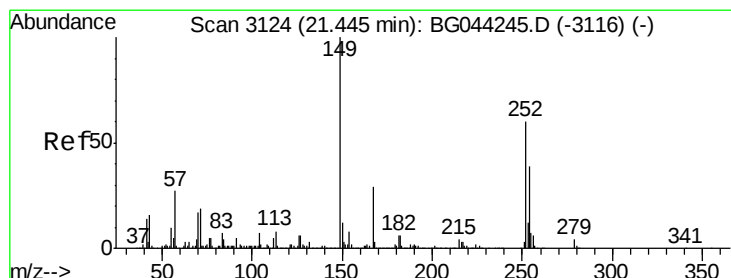
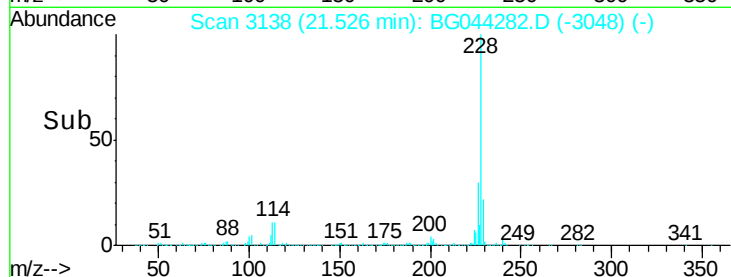
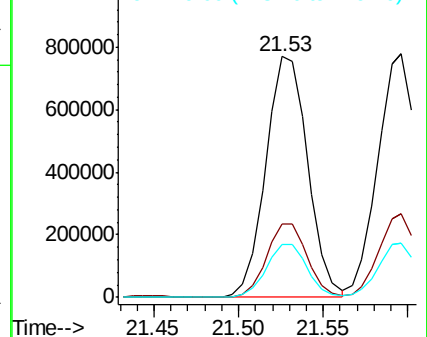


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.964 ng

RT: 21.45 min Scan# 3125

Delta R.T. 0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

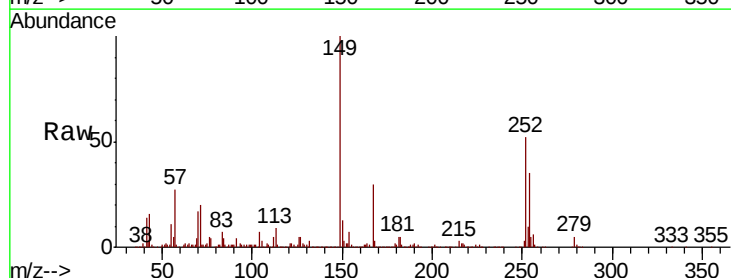
Tgt Ion:252 Resp: 534252

Ion Ratio Lower Upper

252 100

254 66.7 52.6 78.8

126 10.4 8.2 12.4

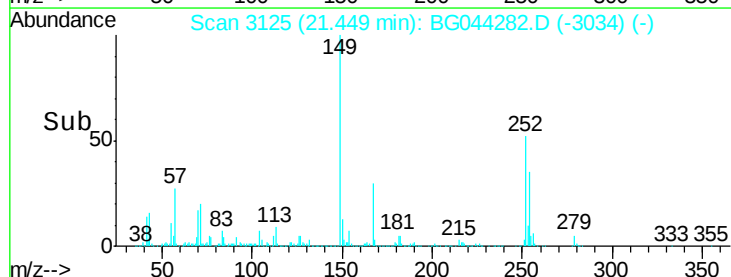
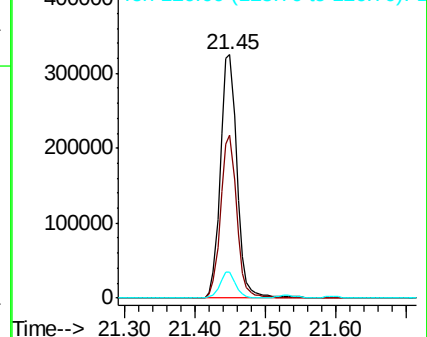


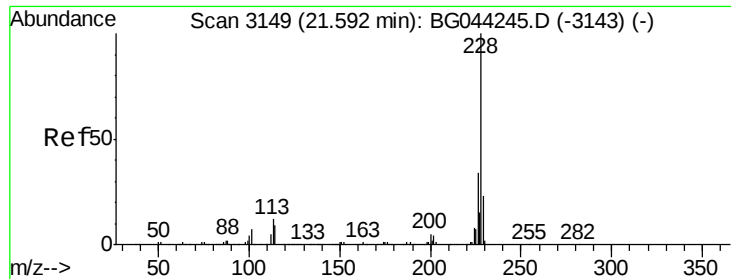
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

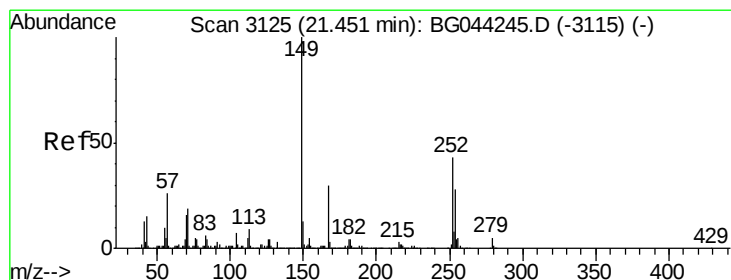
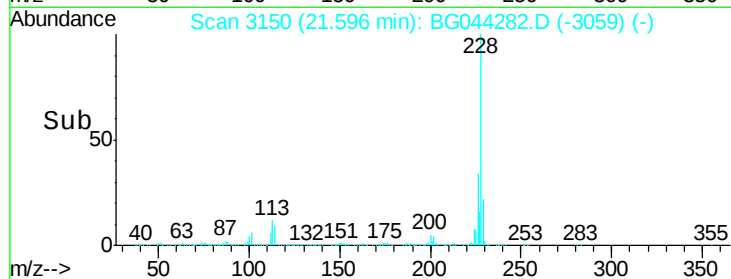
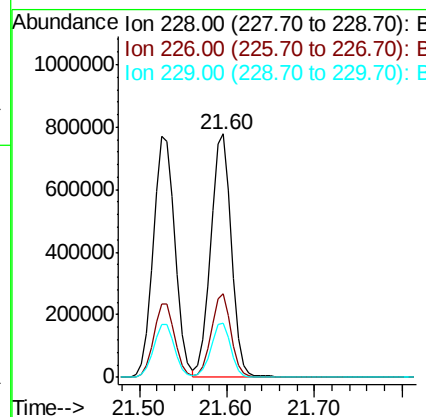
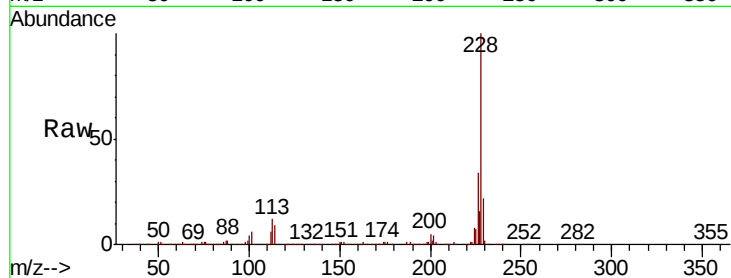




#83
 Chrysene
 Concen: 40.329 ng
 RT: 21.60 min Scan# 3150
 Delta R.T. 0.00 min
 Lab File: BG044282.D
 Acq: 4 Feb 2020 15:39

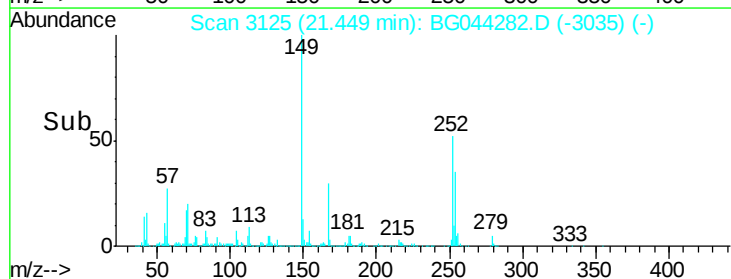
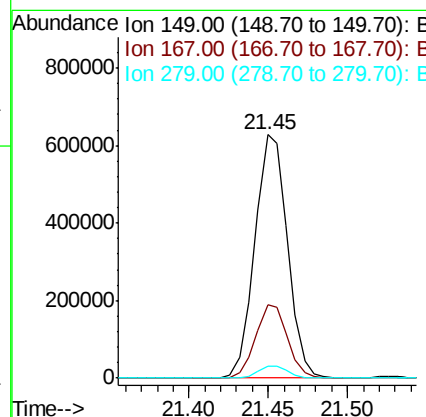
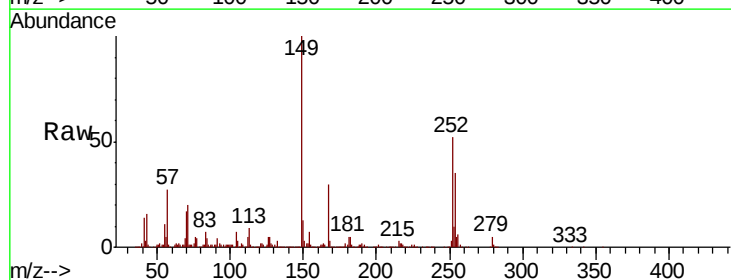
Instrument :
 BNA_G
 ClientSampled :

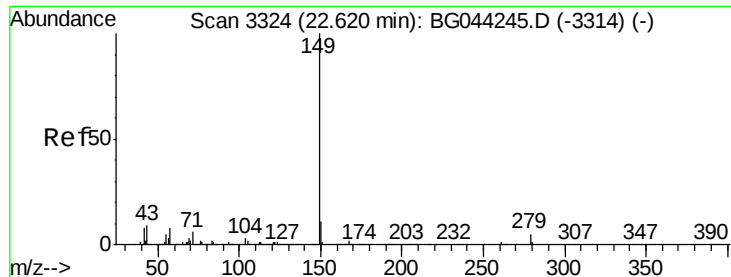
Tot Ion:228 Resp: 1278724
 Ion Ratio Lower Upper
 228 100
 226 34.1 27.1 40.7
 229 22.3 17.9 26.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.763 ng
 RT: 21.45 min Scan# 3125
 Delta R.T. -0.00 min
 Lab File: BG044282.D
 Acq: 4 Feb 2020 15:39

Tgt Ion:149 Resp: 895394
 Ion Ratio Lower Upper
 149 100
 167 30.1 24.0 36.0
 279 4.7 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 42.414 ng

RT: 22.62 min Scan# 3325

Delta R.T. 0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

Instrument :

BNA_G

ClientSampled :

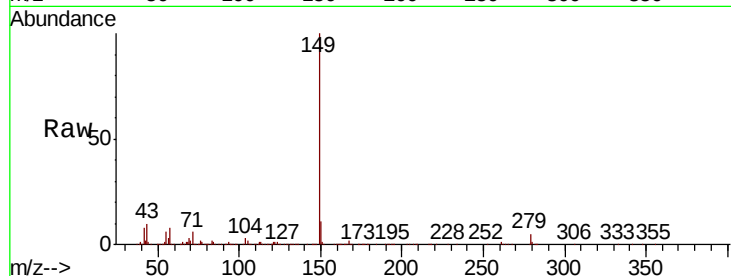
Tot Ion:149 Resp: 1573406

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

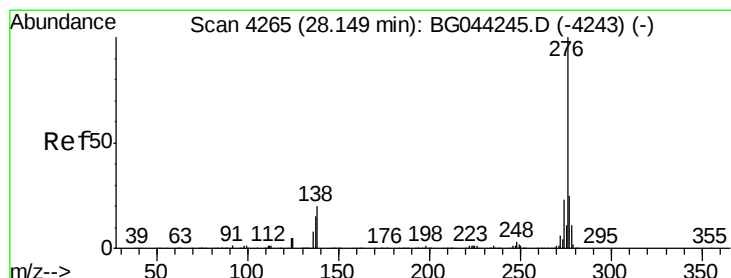
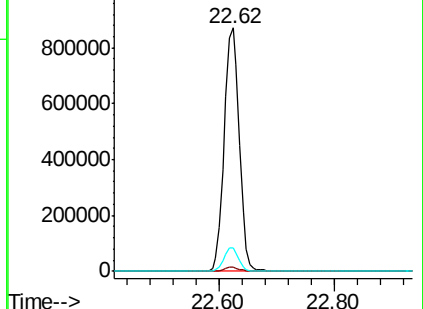
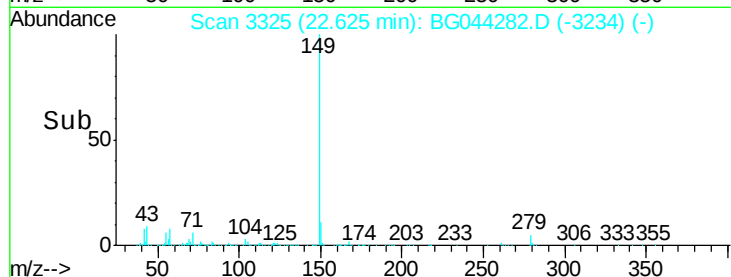
43 9.4 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.718 ng

RT: 28.17 min Scan# 4268

Delta R.T. 0.02 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

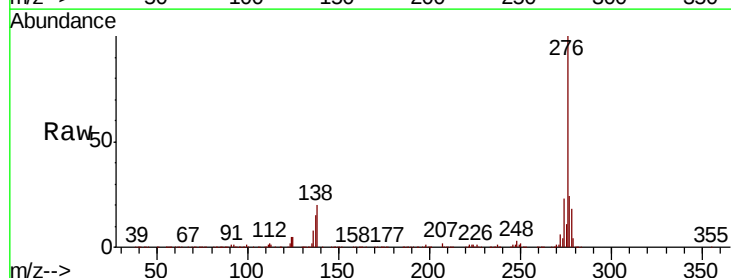
Tgt Ion:276 Resp: 1642982

Ion Ratio Lower Upper

276 100

138 24.4 19.4 29.0

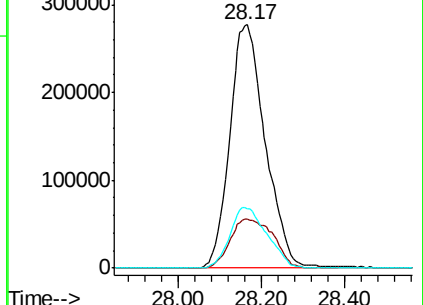
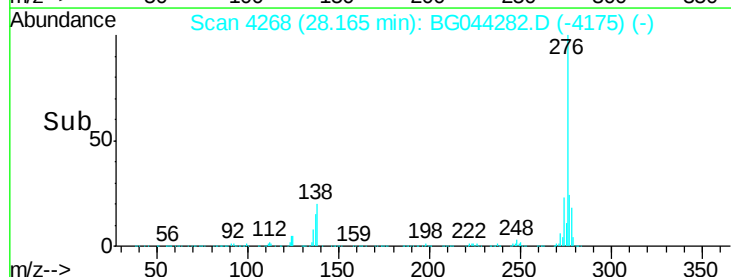
277 26.2 21.0 31.6

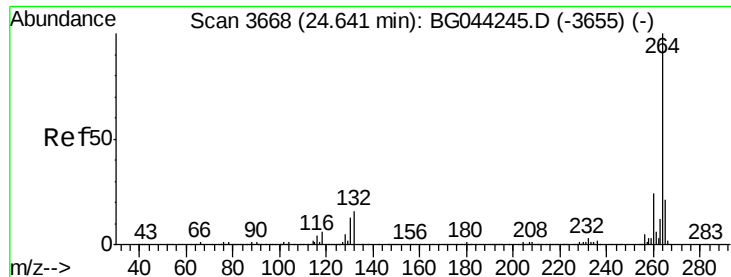


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



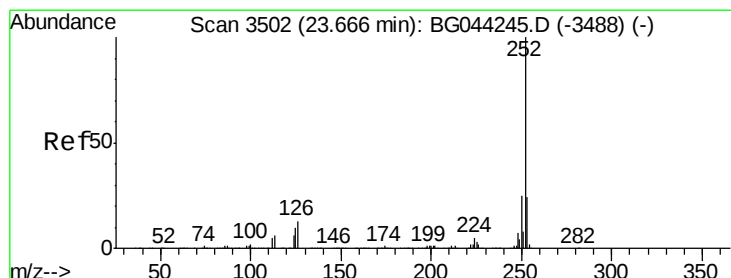
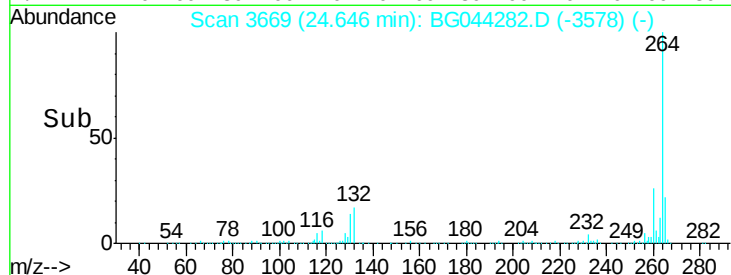
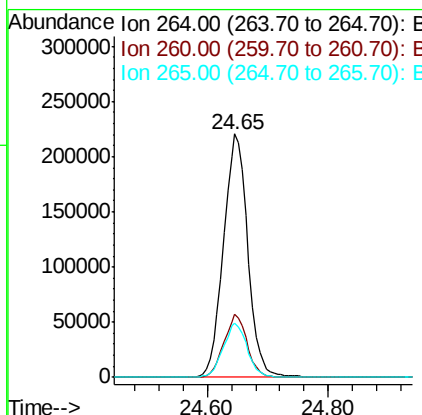
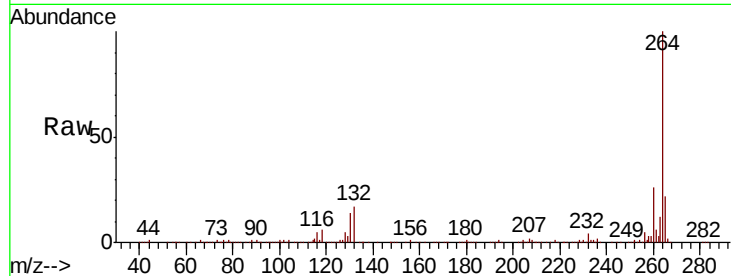


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3669
Delta R.T. 0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 617531

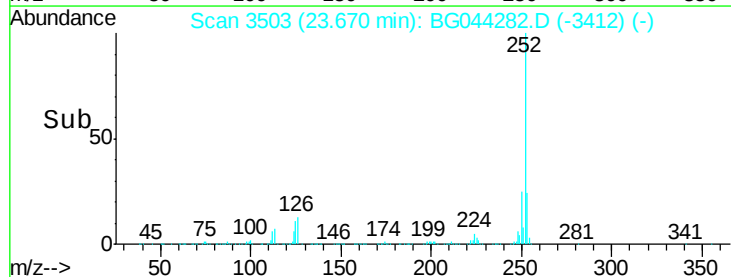
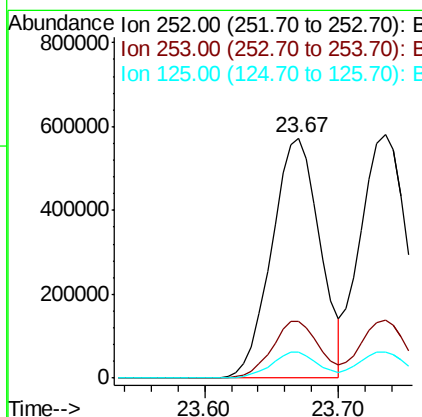
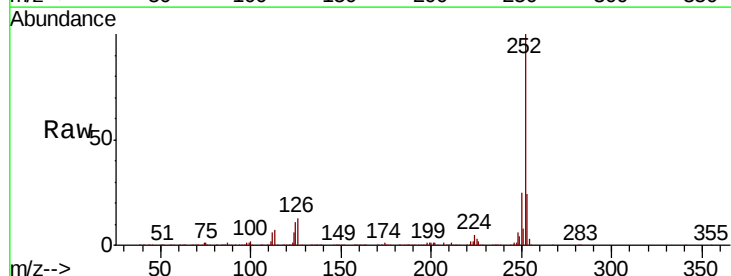
Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.4	29.2
265	22.2	16.7	25.1

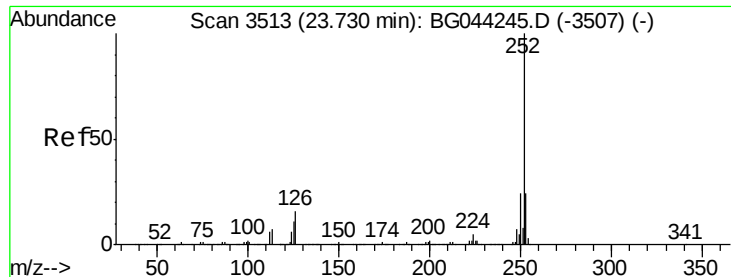


#88
Benzo(b)fluoranthene
Concen: 40.280 ng
RT: 23.67 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Tgt Ion:252 Resp: 1433347

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.2	28.8
125	10.9	8.4	12.6





#89

Benzo(k)fluoranthene

Concen: 40.863 ng

RT: 23.73 min Scan# 3514

Delta R.T. 0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

Instrument :

BNA_G

ClientSampleId :

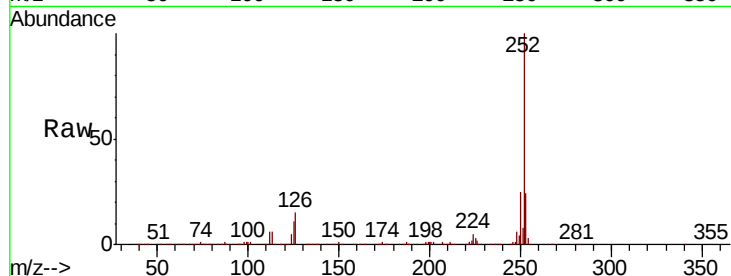
Tot Ion:252 Resp: 1417201

Ion Ratio Lower Upper

252 100

253 24.0 19.1 28.7

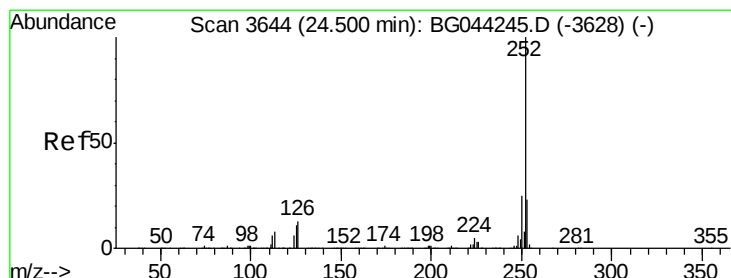
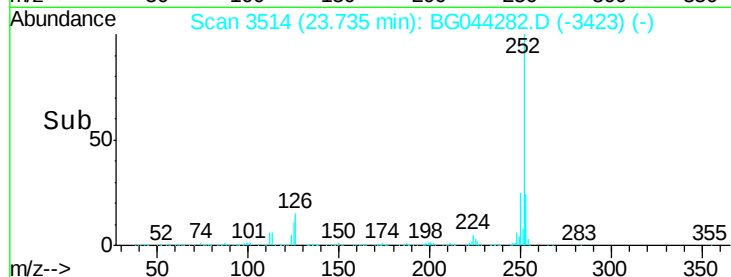
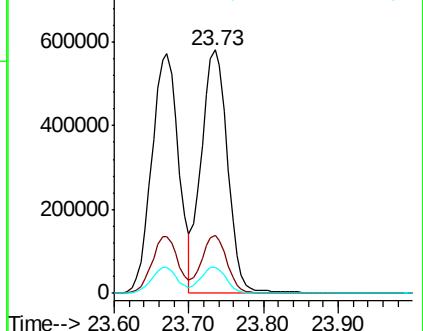
125 10.6 8.6 12.8



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: 40.511 ng

RT: 24.50 min Scan# 3645

Delta R.T. 0.00 min

Lab File: BG044282.D

Acq: 4 Feb 2020 15:39

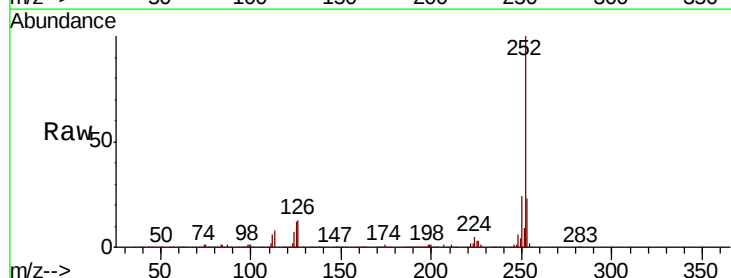
Tgt Ion:252 Resp: 1362983

Ion Ratio Lower Upper

252 100

253 23.4 18.1 27.1

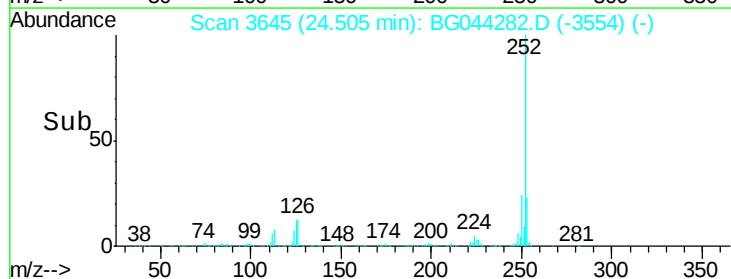
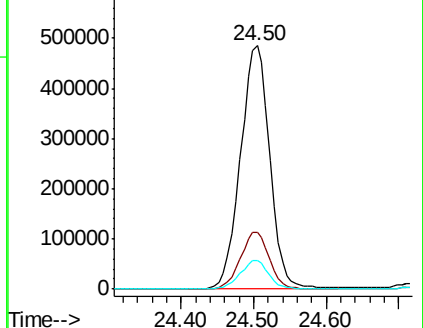
125 11.6 8.6 13.0

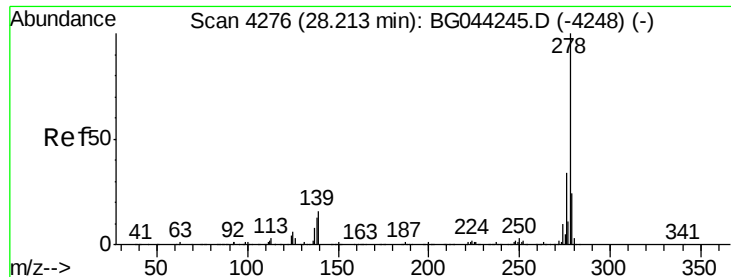


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

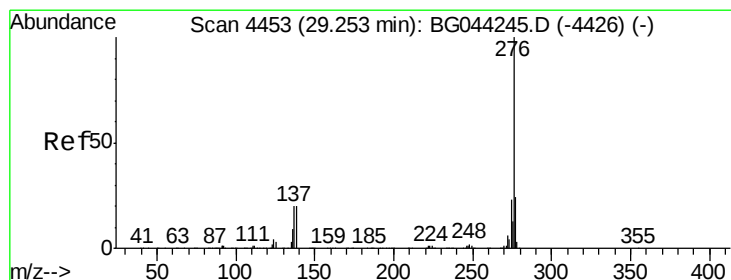
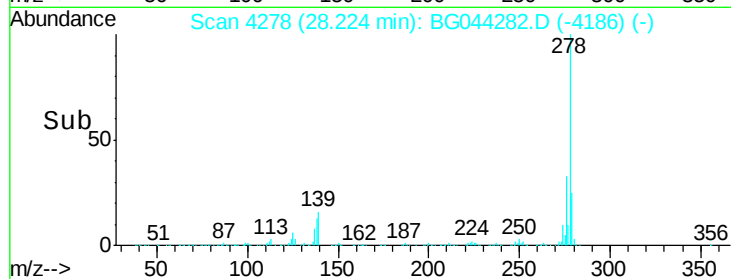
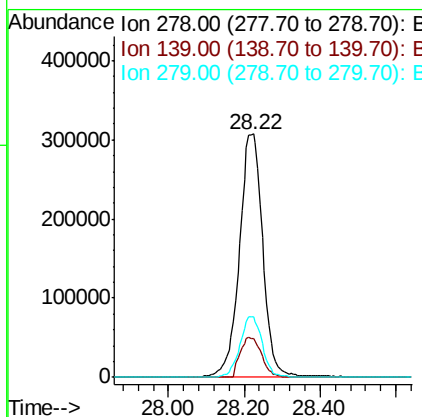
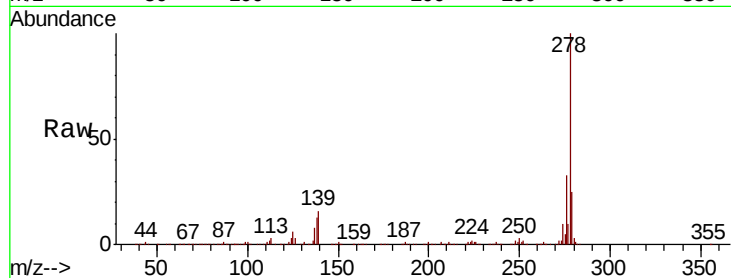




#91
Dibenzo(a,h)anthracene
Concen: 39.836 ng
RT: 28.22 min Scan# 4278
Delta R.T. 0.01 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1326430
Ion Ratio Lower Upper
278 100
139 16.2 12.7 19.1
279 25.1 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 39.578 ng
RT: 29.25 min Scan# 4453
Delta R.T. -0.00 min
Lab File: BG044282.D
Acq: 4 Feb 2020 15:39

Tgt Ion:276 Resp: 1319221
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 21.3 16.2 24.2

