

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044308.D
 Acq On : 5 Feb 2020 17:27
 Operator : CG/JU
 Sample : L1390-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 01:11:03 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	81883	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	359040	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	252364	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	553423	20.00	ng	0.00
76) Chrysene-d12	21.55	240	486046	20.00	ng	0.00
87) Perylene-d12	24.64	264	559590	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	583354	125.73	ng	0.00
7) Phenol-d6	7.09	99	790257	126.84	ng	0.00
23) Nitrobenzene-d5	9.07	82	464863	73.10	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	344955	116.44	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1080009	71.66	ng	0.00
79) Terphenyl-d14	19.92	244	1696499	71.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	86463	41.477	ng	99
3) Pyridine	3.77	79	219058	39.443	ng	96
4) n-Nitrosodimethylamine	3.69	42	108661	46.821	ng	97
6) Aniline	7.24	93	160658	20.774	ng	99
8) 2-Chlorophenol	7.48	128	281553	55.216	ng	99
9) Benzaldehyde	7.05	77	123244	34.732	ng	100
10) Phenol	7.11	94	358272	58.104	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	242918	46.081	ng	97
12) 1,3-Dichlorobenzene	7.81	146	277996	45.662	ng	99
13) 1,4-Dichlorobenzene	7.95	146	275923	45.759	ng	99
14) 1,2-Dichlorobenzene	8.27	146	264112	46.339	ng	99
15) Benzyl Alcohol	8.15	79	233263	52.883	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.45	45	319765	44.817	ng	99
17) 2-Methylphenol	8.36	107	242928	55.219	ng	97
18) Hexachloroethane	9.00	117	100129	44.251	ng	95
19) n-Nitroso-di-n-propylamine	8.72	70	198738	47.863	ng	98
20) 3+4-Methylphenols	8.69	107	332559	54.851	ng	96
22) Acetophenone	8.73	105	377171	43.183	ng	99
24) Nitrobenzene	9.12	77	283545	45.670	ng	99
25) Isophorone	9.64	82	554754	46.801	ng	100
26) 2-Nitrophenol	9.83	139	159668	49.563	ng	95
27) 2,4-Dimethylphenol	9.89	122	274383	60.337	ng	100
28) bis(2-Chloroethoxy)methane	10.12	93	351005	44.389	ng	99
29) 2,4-Dichlorophenol	10.37	162	285515	51.924	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	272122	43.159	ng	99
31) Naphthalene	10.77	128	808603	46.419	ng	100
32) Benzoic acid	10.06	122	132662	45.384	ng	90
33) 4-Chloroaniline	10.87	127	72605	9.164	ng	99
34) Hexachlorobutadiene	11.06	225	154985	39.948	ng	98
35) Caprolactam	11.64	113	78693	39.067	ng	94
36) 4-Chloro-3-methylphenol	12.01	107	311835	54.089	ng	99
37) 2-Methylnaphthalene	12.38	142	615930	47.623	ng	99
38) 1-Methylnaphthalene	12.59	142	587687	48.196	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	303241	40.169	ng	99

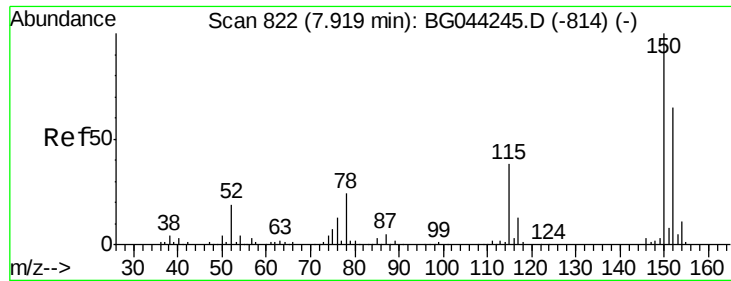
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
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Quant Time: Feb 06 01:11:03 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	348078	96.094	nq	100
43) 2,4,6-Trichlorophenol	12.99	196	235915	48.348	nq	98
44) 2,4,5-Trichlorophenol	13.06	196	255252	51.215	nq	100
46) 1,1'-Biphenyl	13.39	154	792257	43.523	nq	100
47) 2-Chloronaphthalene	13.43	162	624733	43.129	nq	98
48) 2-Nitroaniline	13.63	65	196926	46.066	nq	97
49) Acenaphthylene	14.27	152	1011826	47.624	nq	99
50) Dimethylphthalate	14.01	163	909872	50.157	nq	99
51) 2,6-Dinitrotoluene	14.13	165	193449	47.827	nq	98
52) Acenaphthene	14.62	154	624257	45.331	nq	98
53) 3-Nitroaniline	14.45	138	68266	15.255	nq	100
54) 2,4-Dinitrophenol	14.66	184	218518	90.110	nq	98
55) Dibenzofuran	14.96	168	973244	46.678	nq	100
56) 4-Nitrophenol	14.77	139	354878	108.264	nq	99
57) 2,4-Dinitrotoluene	14.92	165	268083	47.289	nq	99
58) Fluorene	15.60	166	779875	47.489	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	224453	49.859	nq	98
60) Diethylphthalate	15.38	149	835976	46.248	nq	100
61) 4-Chlorophenyl-phenylether	15.60	204	405860	45.581	nq	98
62) 4-Nitroaniline	15.62	138	194085	43.405	nq	97
63) Azobenzene	15.89	77	755929	47.716	nq	98
65) 4,6-Dinitro-2-methylphenol	15.68	198	164220	53.756	nq	97
66) n-Nitrosodiphenylamine	15.81	169	738521	47.618	nq	99
67) 4-Bromophenyl-phenylether	16.49	248	271923	45.099	nq	98
68) Hexachlorobenzene	16.61	284	297811	44.087	nq	99
69) Atrazine	16.76	200	276319	51.980	nq	99
70) Pentachlorophenol	16.95	266	337394	98.034	nq	97
71) Phenanthrene	17.34	178	1238590	46.218	nq	98
72) Anthracene	17.43	178	1286524	48.558	nq	99
73) Carbazole	17.70	167	1133721	46.416	nq	99
74) Di-n-butylphthalate	18.26	149	1377541	45.639	nq	100
75) Fluoranthene	19.35	202	1428577	46.082	nq	98
77) Benzidine	19.53	184	535698	39.735	nq	99
78) Pyrene	19.72	202	1437755	46.061	nq	100
80) Butylbenzylphthalate	20.60	149	662941	46.605	nq	98
81) Benzo(a)anthracene	21.53	228	1397498	46.652	nq	99
82) 3,3'-Dichlorobenzidine	21.45	252	289183	24.874	nq	99
83) Chrysene	21.60	228	1338662	46.233	nq	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	932696	47.638	nq	100
85) Di-n-octyl phthalate	22.62	149	1614844	47.669	nq	100
86) Indeno(1,2,3-cd)pyrene	28.16	276	1765776	46.744	nq	100
88) Benzo(b)fluoranthene	23.66	252	1485011	46.053	nq	100
89) Benzo(k)fluoranthene	23.73	252	1465389	46.627	nq	100
90) Benzo(a)pyrene	24.50	252	1391119	45.629	nq	99
91) Dibenzo(a,h)anthracene	28.21	278	1463143	48.492	nq	99
92) Benzo(g,h,i)perylene	29.25	276	1471739	48.725	nq	99

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

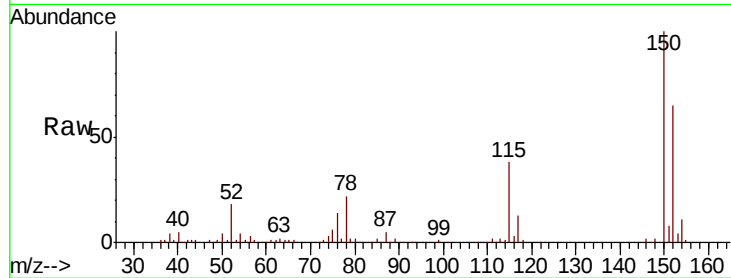


#1

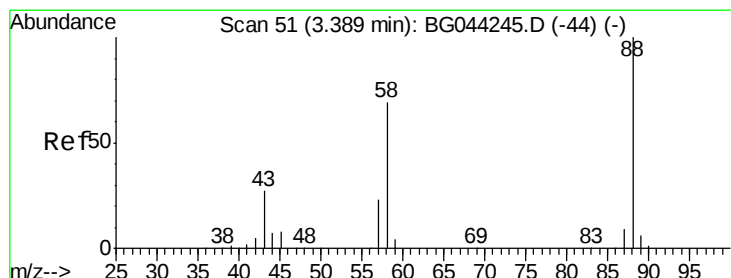
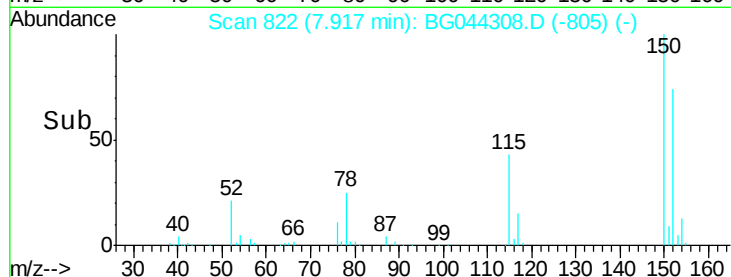
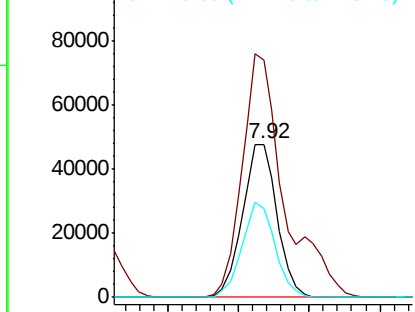
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 81883
Ion Ratio Lower Upper
152 100
150 154.7 122.6 183.8
115 58.2 46.0 69.0



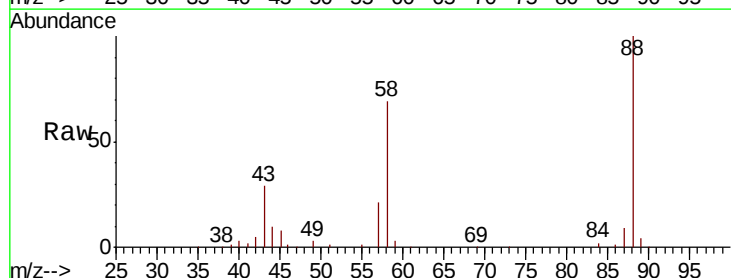
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



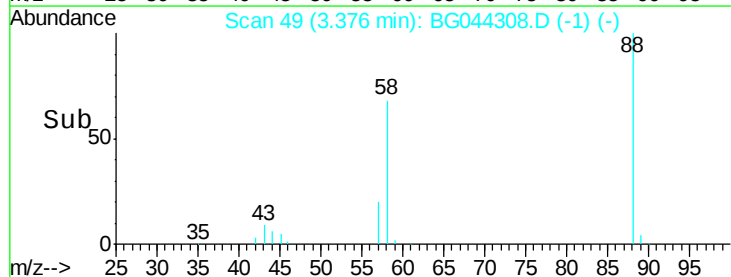
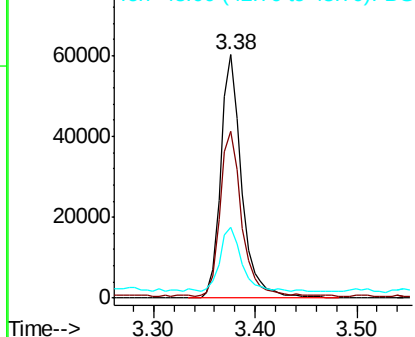
#2

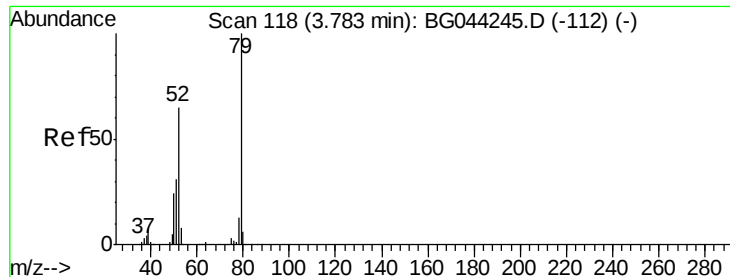
1,4-Dioxane
Concen: 41.477 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion: 88 Resp: 86463
Ion Ratio Lower Upper
88 100
58 70.2 55.8 83.6
43 26.5 21.6 32.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.443 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

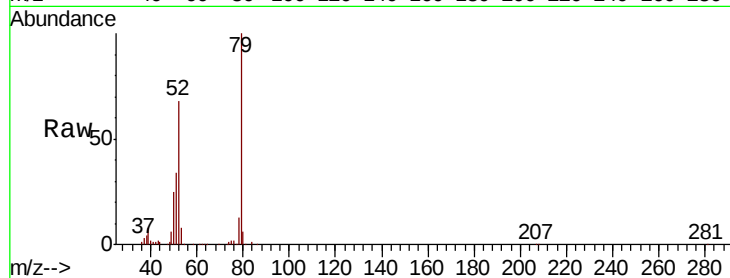
Tot Ion: 79 Resp: 219058

Ion Ratio Lower Upper

79 100

52 68.4 51.9 77.9

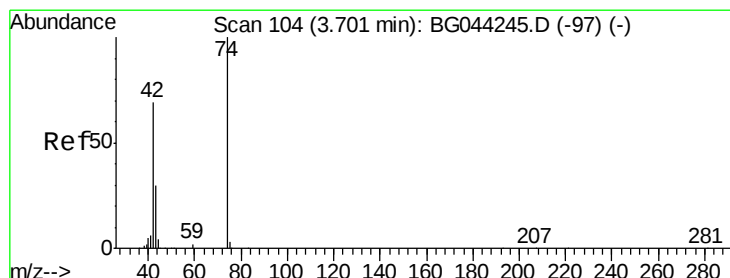
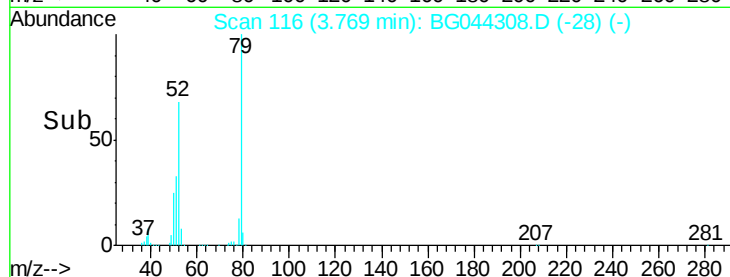
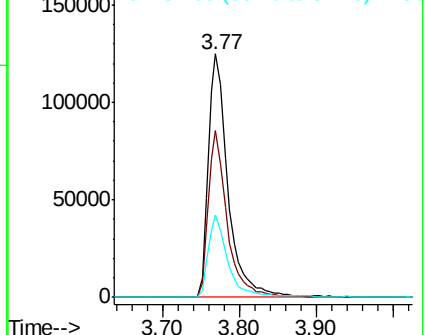
51 34.0 25.3 37.9



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: 46.821 ng

RT: 3.69 min Scan# 102

Delta R.T. -0.01 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

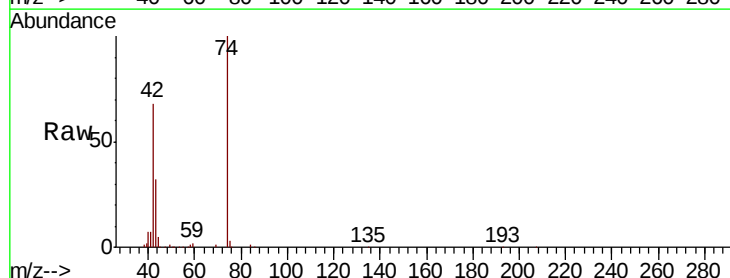
Tgt Ion: 42 Resp: 108661

Ion Ratio Lower Upper

42 100

74 147.6 115.1 172.7

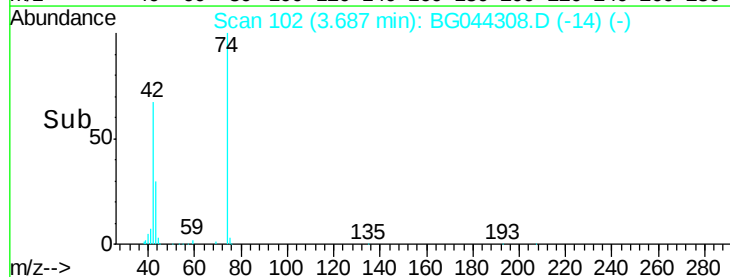
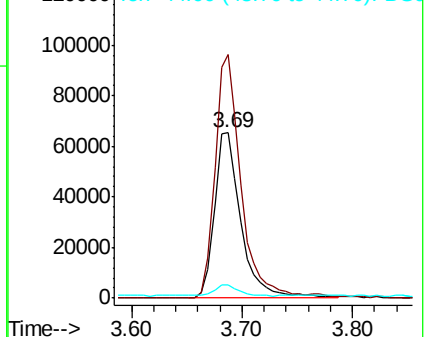
44 7.7 5.6 8.4

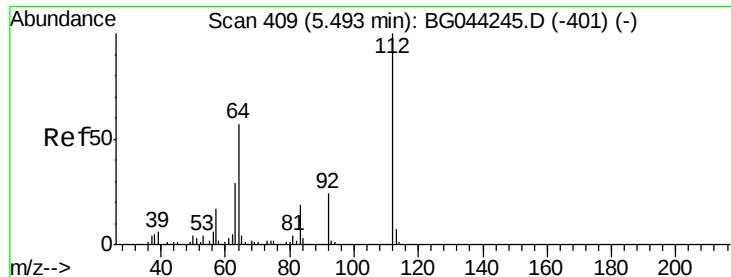


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 125.732 ng

RT: 5.49 min Scan# 409

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

ClientSampled :

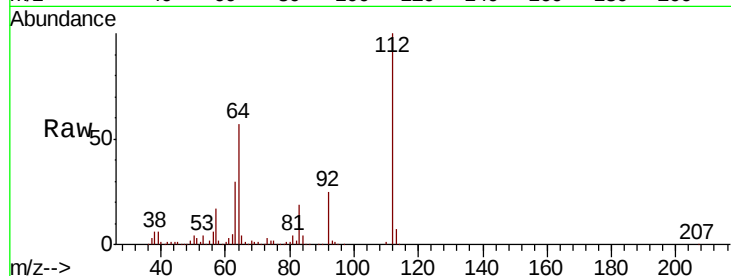
Tot Ion:112 Resp: 583354

Ion Ratio Lower Upper

112 100

64 57.4 45.4 68.2

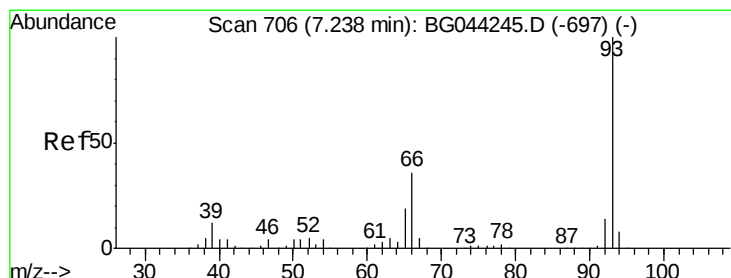
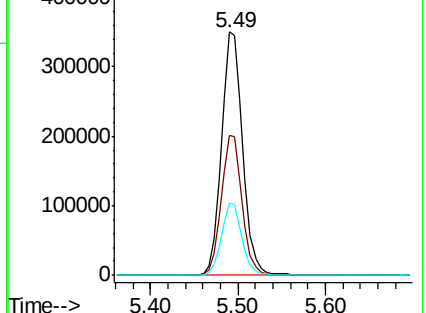
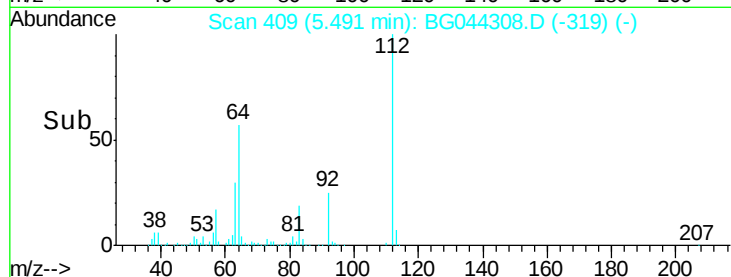
63 29.6 22.9 34.3



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: 20.774 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

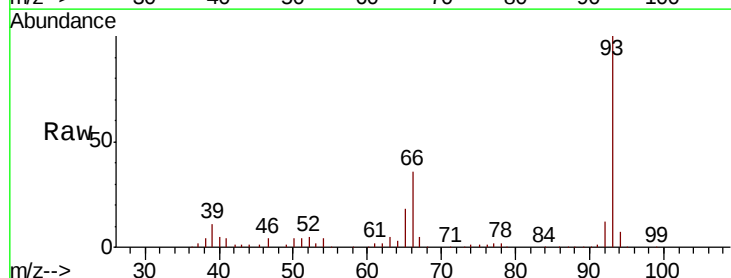
Tgt Ion: 93 Resp: 160658

Ion Ratio Lower Upper

93 100

66 36.1 28.7 43.1

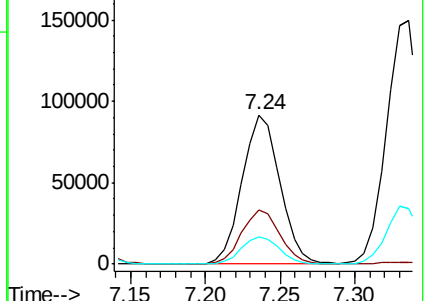
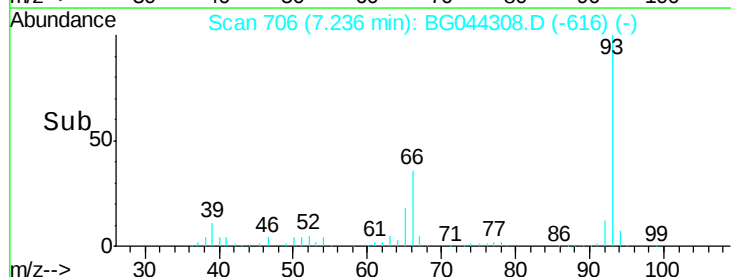
65 18.4 15.4 23.0



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.839 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

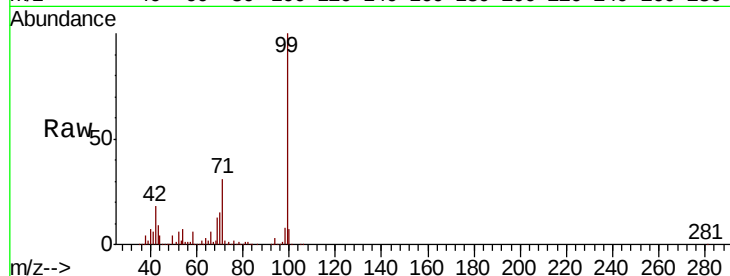
Tot Ion: 99 Resp: 790257

Ion Ratio Lower Upper

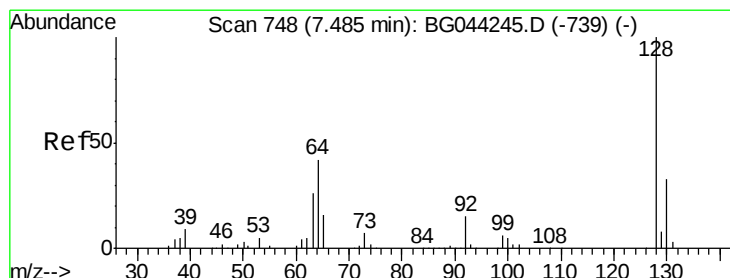
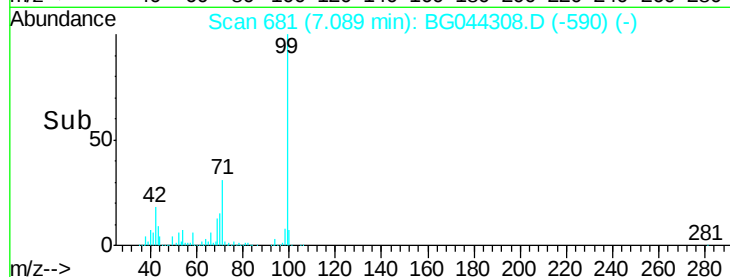
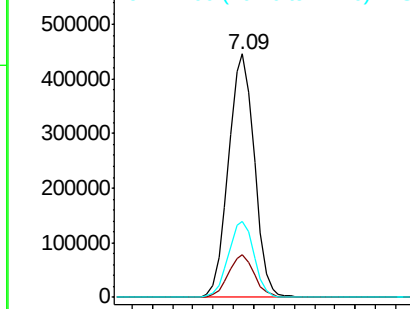
99 100

42 17.7 13.8 20.6

71 31.3 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: 55.216 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

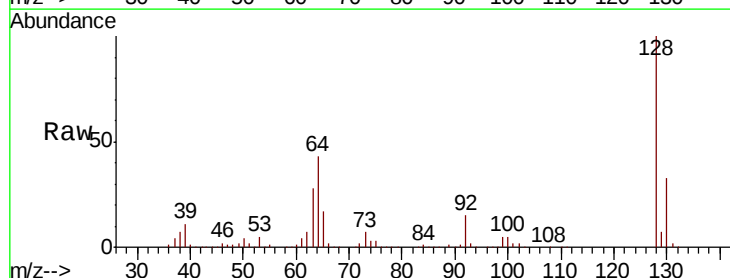
Tgt Ion: 128 Resp: 281553

Ion Ratio Lower Upper

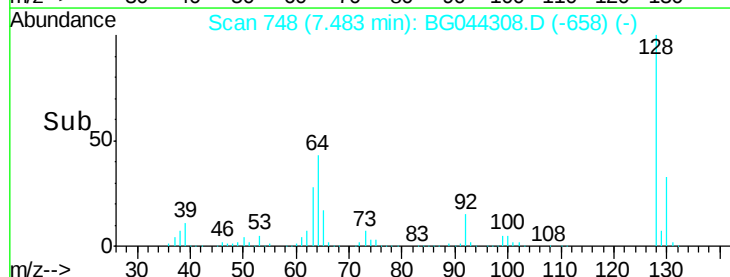
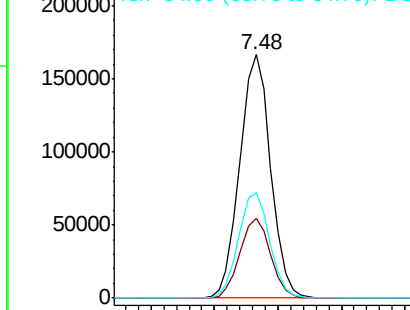
128 100

130 32.9 12.5 52.5

64 43.4 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: 34.732 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

ClientSampled :

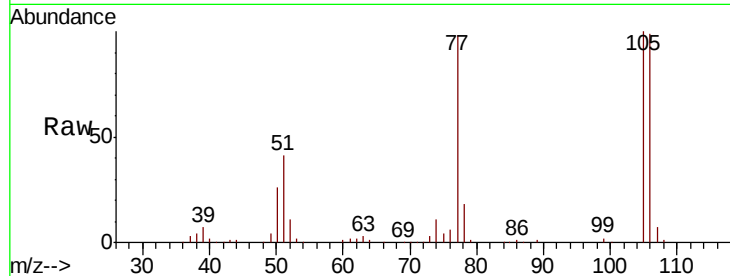
Tot Ion: 77 Resp: 123244

Ion Ratio Lower Upper

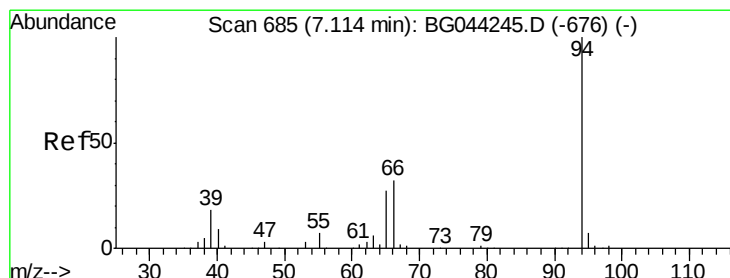
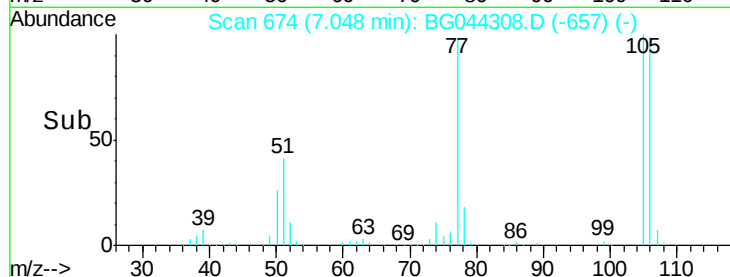
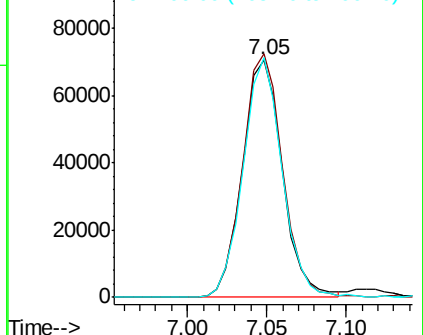
77 100

105 102.5 82.0 122.0

106 101.1 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: 58.104 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

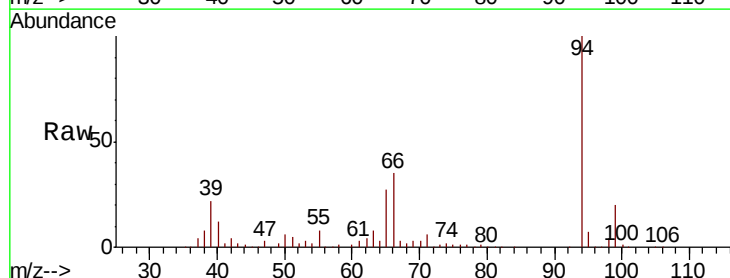
Tgt Ion: 94 Resp: 358272

Ion Ratio Lower Upper

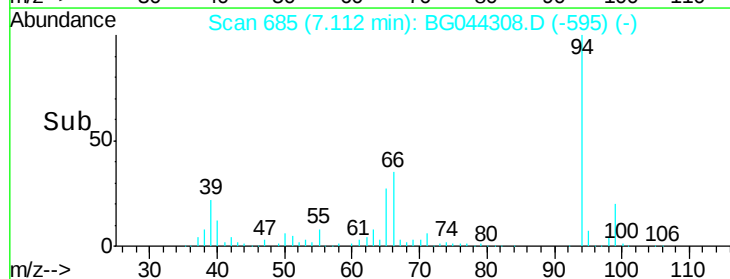
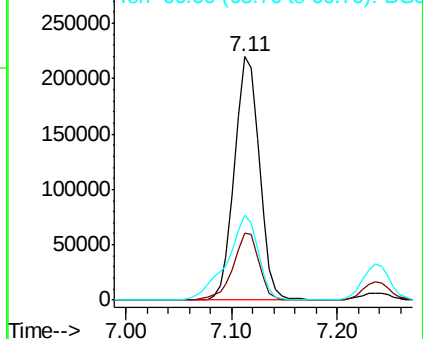
94 100

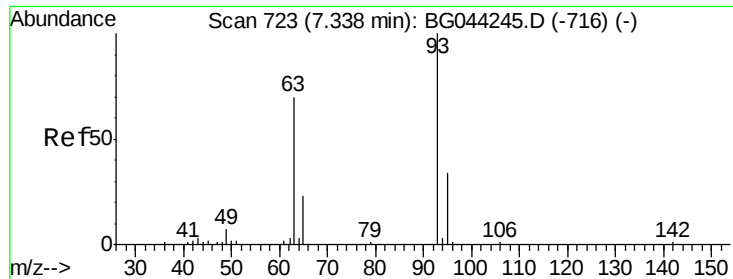
65 27.4 7.0 47.0

66 34.7 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

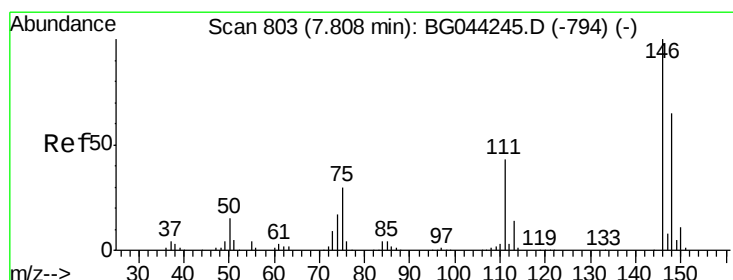
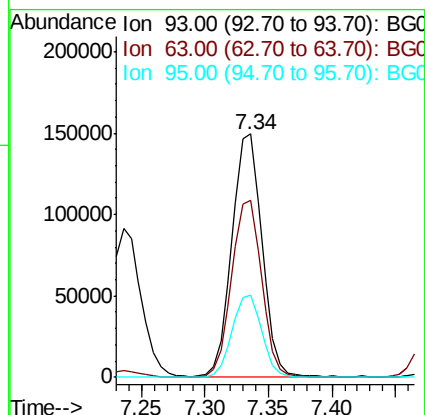
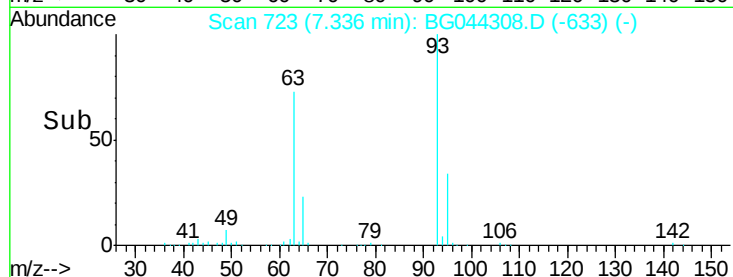
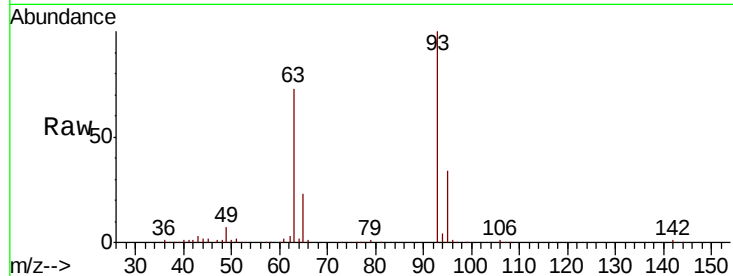




#11
bis(2-Chloroethyl)ether
Concen: 46.081 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

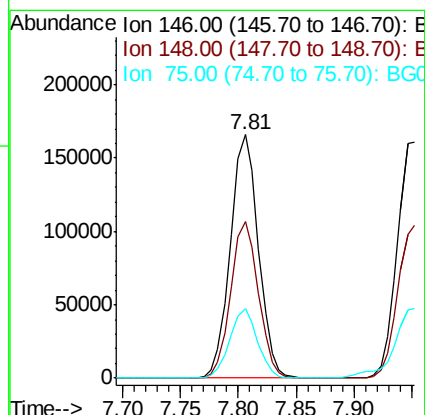
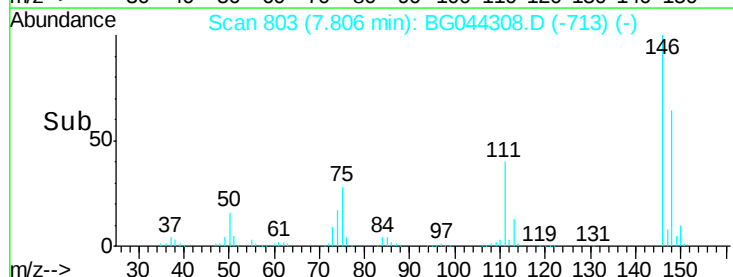
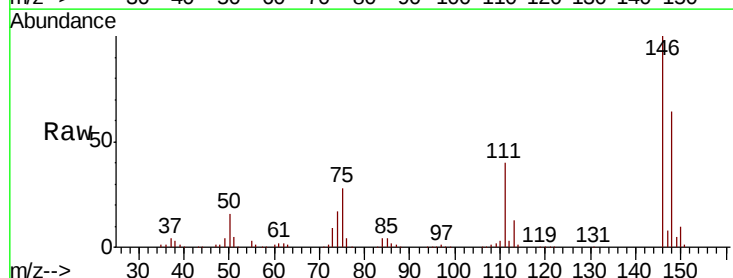
Instrument :
BNA_G
ClientSampleId :

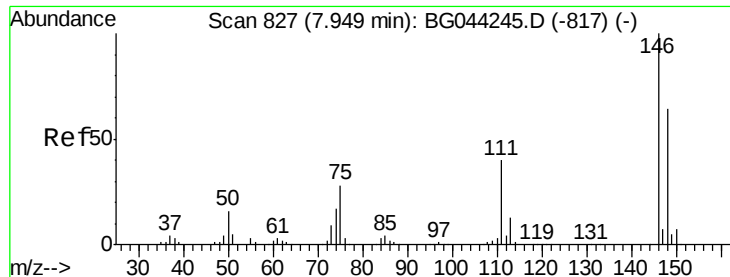
Tot Ion: 93 Resp: 242918
Ion Ratio Lower Upper
93 100
63 72.6 49.2 89.2
95 33.9 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 45.662 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion: 146 Resp: 277996
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 28.3 23.7 35.5

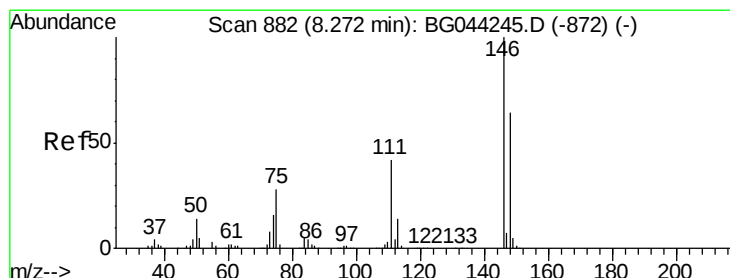
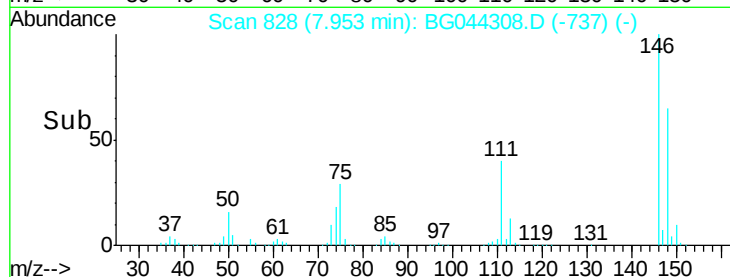
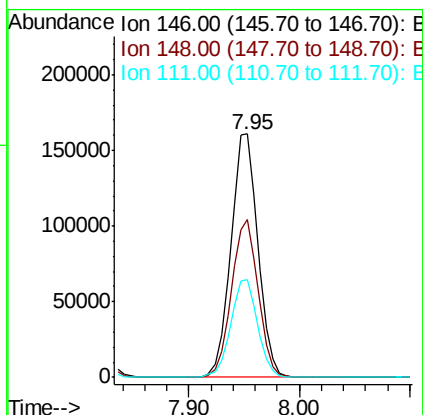
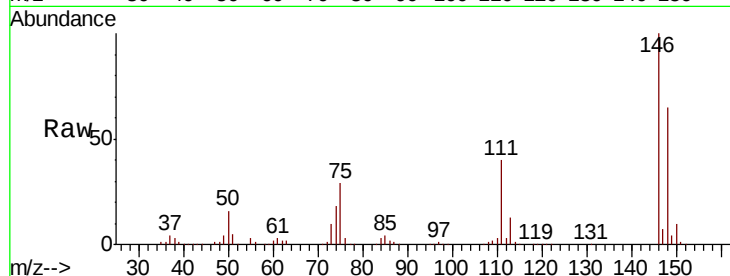




#13
 1,4-Dichlorobenzene
 Concen: 45.759 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

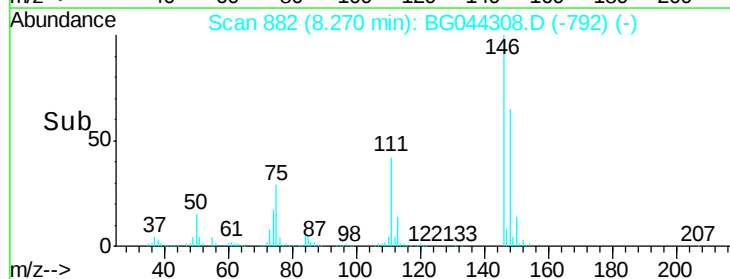
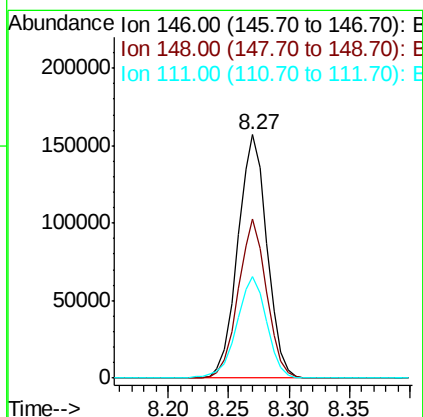
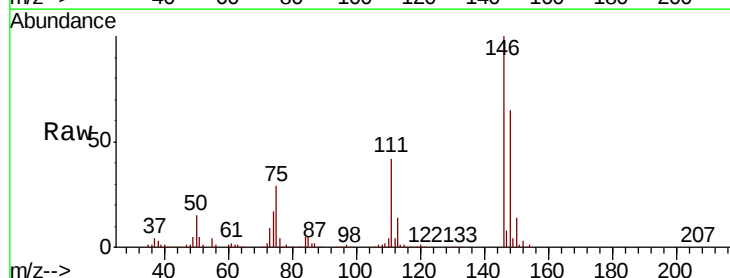
Instrument :
 BNA_G
 ClientSampleId :

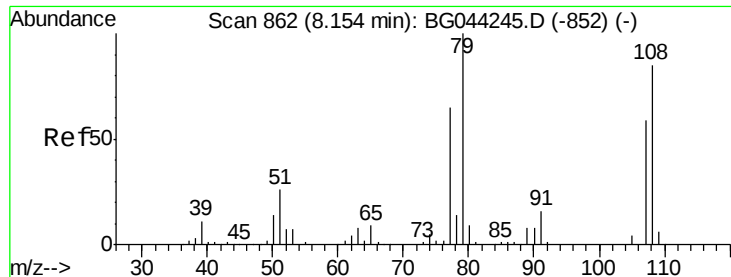
Tot Ion:146 Resp: 275923
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.4 77.0
 111 40.1 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 46.339 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

Tgt Ion:146 Resp: 264112
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.2 76.8
 111 41.8 34.0 51.0





#15

Benzyl Alcohol

Concen: 52.883 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

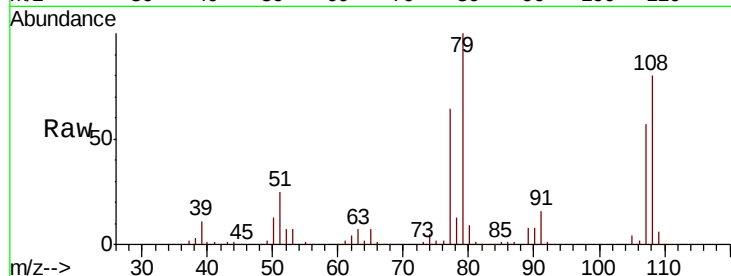
Tot Ion: 79 Resp: 233263

Ion Ratio Lower Upper

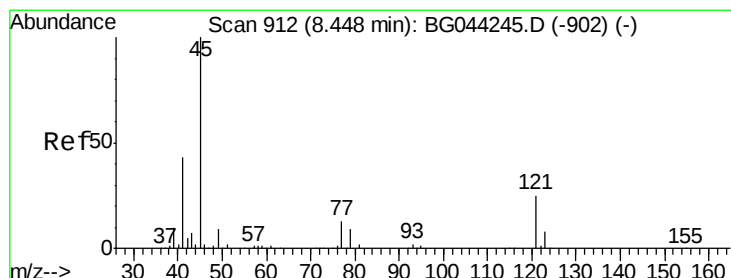
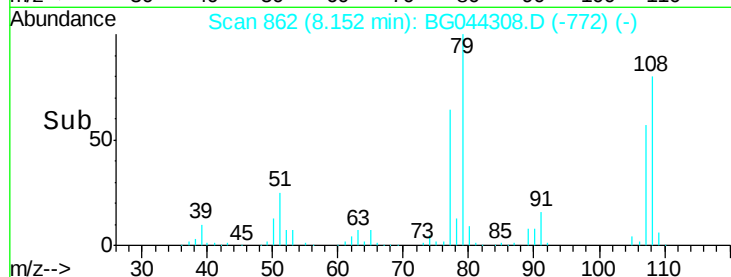
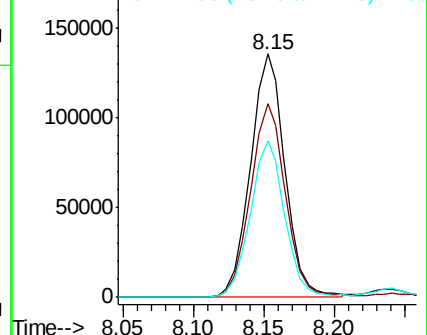
79 100

108 79.8 68.3 102.5

77 64.2 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: 44.817 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

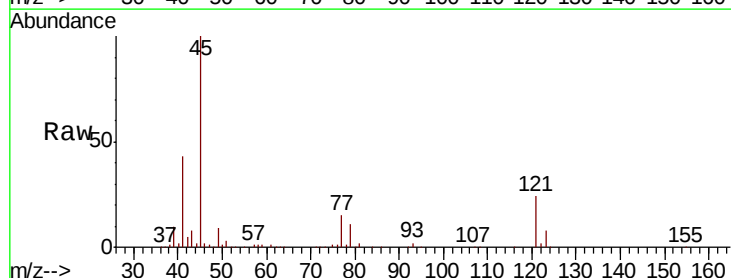
Tgt Ion: 45 Resp: 319765

Ion Ratio Lower Upper

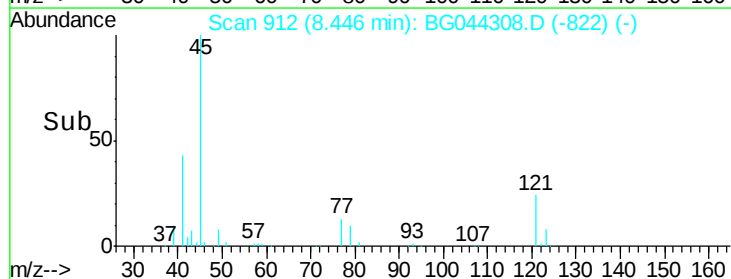
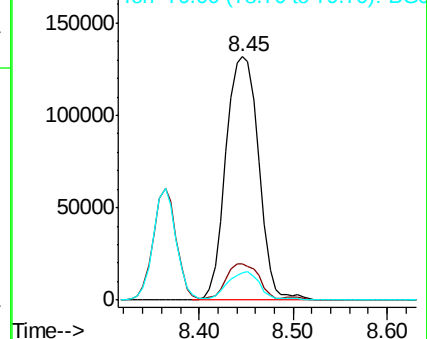
45 100

77 14.7 0.0 35.2

79 11.3 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

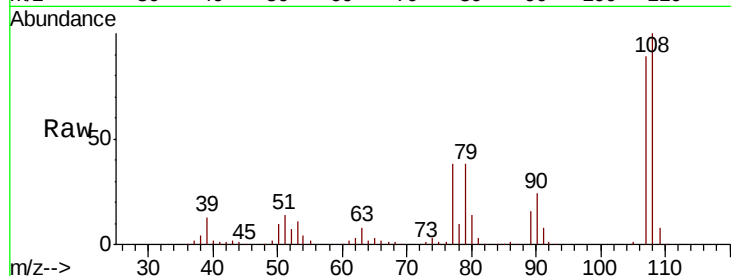




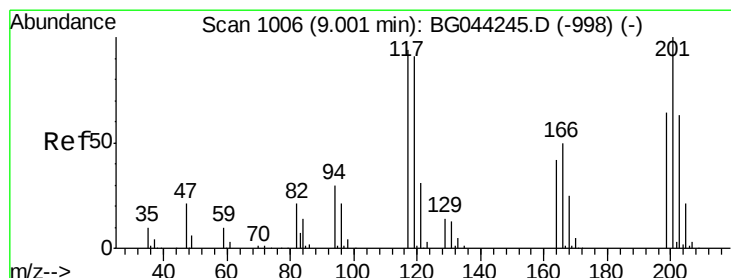
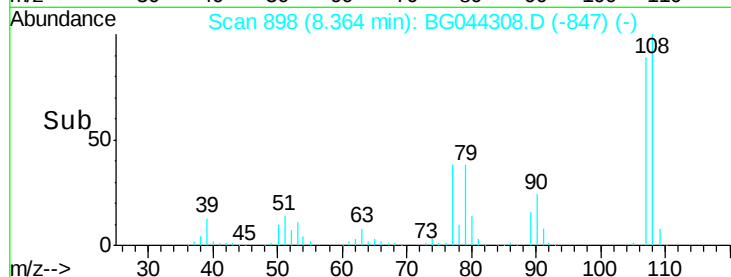
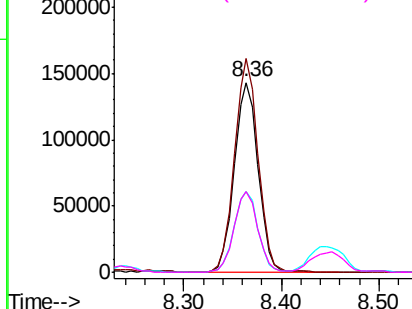
#17
2-Methylphenol
Concen: 55.219 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	242928
Ion	Ratio	Lower	Upper
107	100		
108	112.8	86.4	129.6
77	42.5	34.0	51.0
79	42.3	32.9	49.3

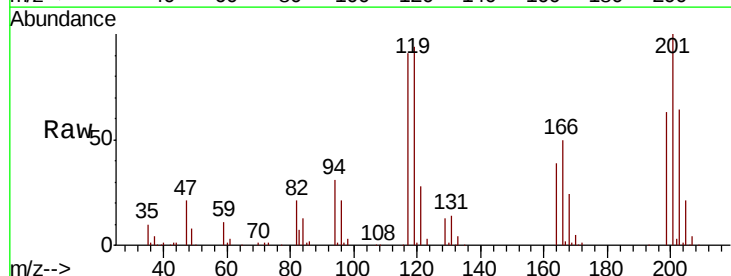


Abundance Ion 107.00 (106.70 to 107.70): E
250000
Ion 108.00 (107.70 to 108.70): E
200000
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

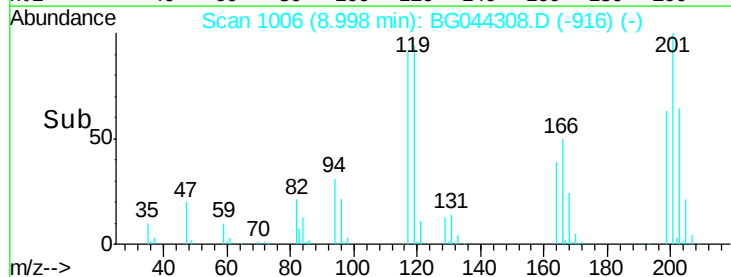
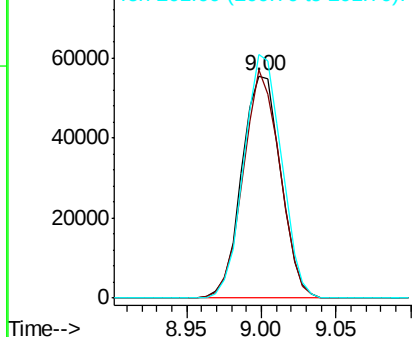


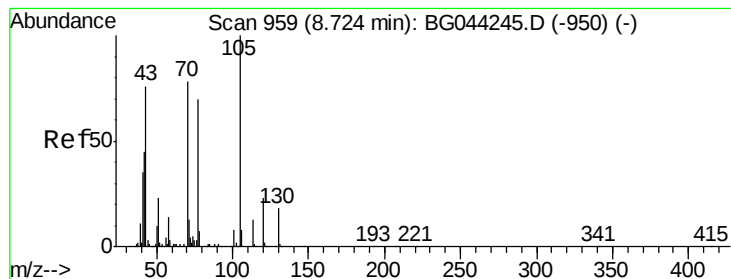
#18
Hexachloroethane
Concen: 44.251 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion:	117	Resp:	100129
Ion	Ratio	Lower	Upper
117	100		
119	102.6	77.5	116.3
201	109.6	84.9	127.3



Abundance Ion 117.00 (116.70 to 117.70): E
80000
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: 47.863 ng

RT: 8.72 min Scan# 959

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 198738

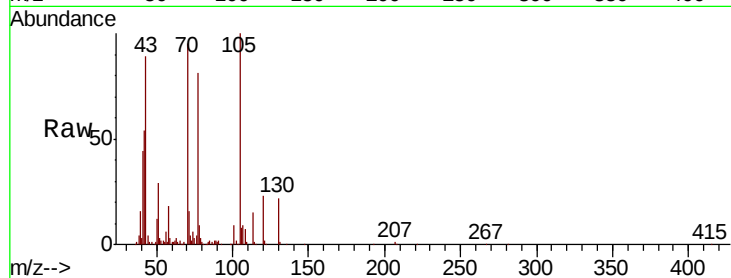
Ion Ratio Lower Upper

70 100

42 56.4 46.2 69.2

101 9.6 8.4 12.6

130 22.6 17.8 26.8

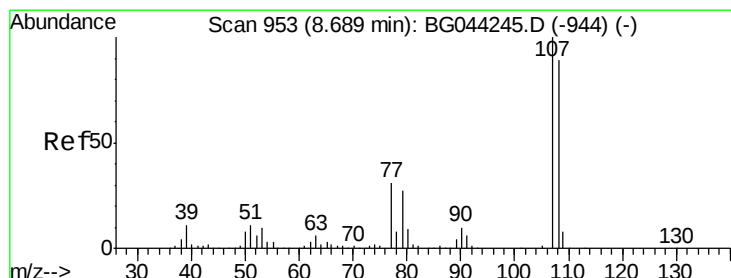
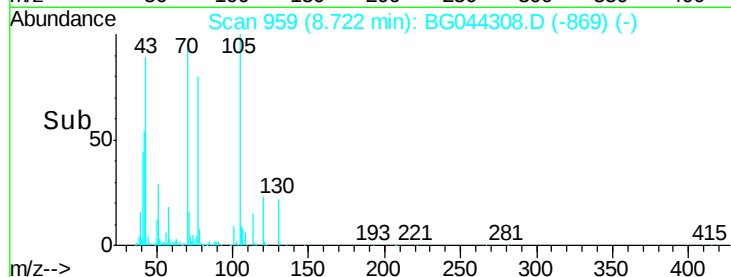
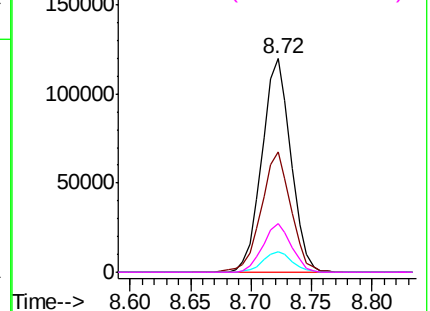


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 54.851 ng

RT: 8.69 min Scan# 954

Delta R.T. 0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Tgt Ion: 107 Resp: 332559

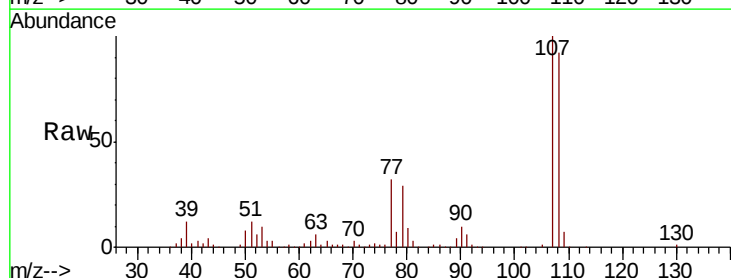
Ion Ratio Lower Upper

107 100

108 92.3 68.5 108.5

77 32.2 10.9 50.9

79 28.6 7.1 47.1

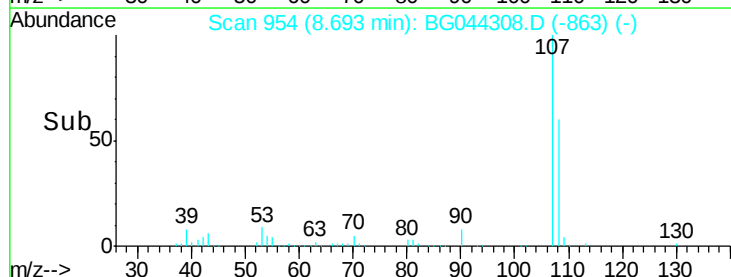
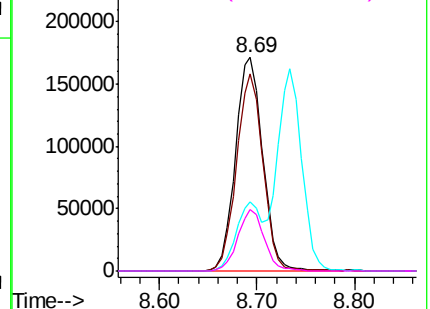


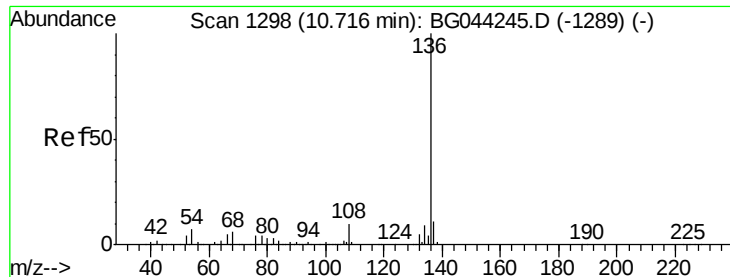
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

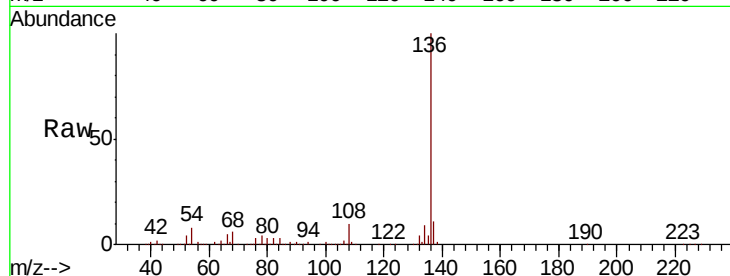




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	359040	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	8.8	13.2	
54 7.6	5.8	8.8	
68 5.7	4.6	6.8	



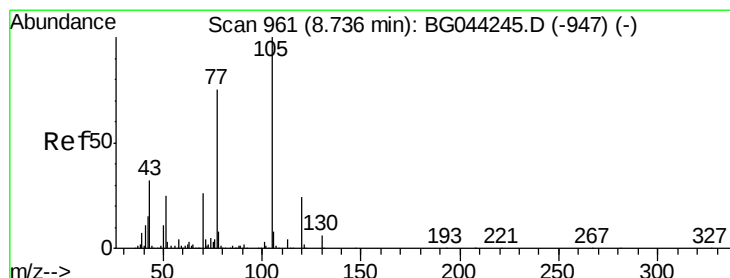
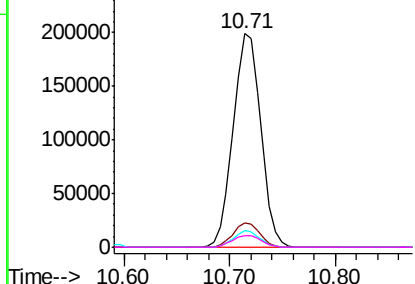
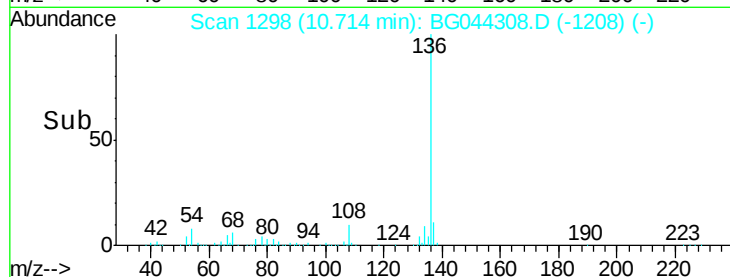
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

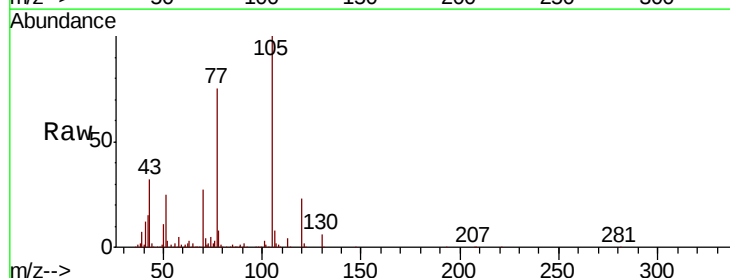
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 43.183 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt	Ion:105	Resp:	377171
Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.4	5.0
51	24.8	20.2	30.4
120	23.3	19.1	28.7



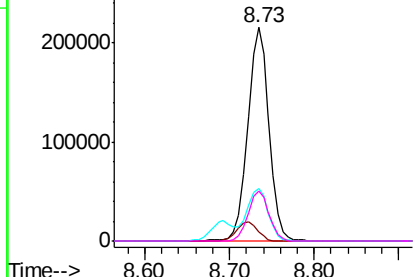
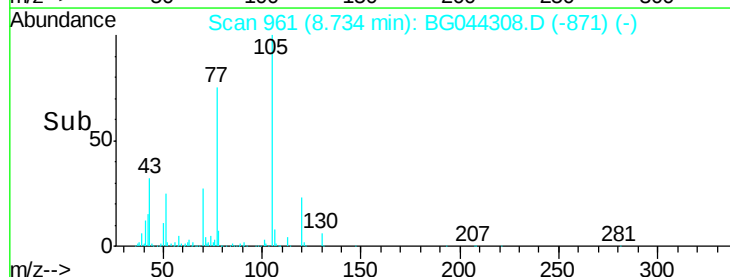
Abundance

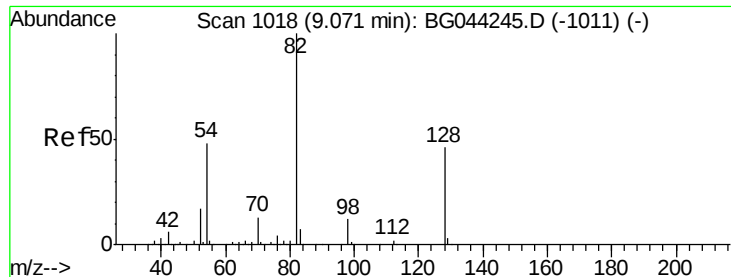
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

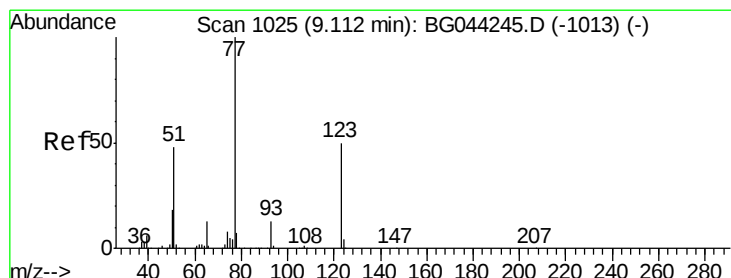
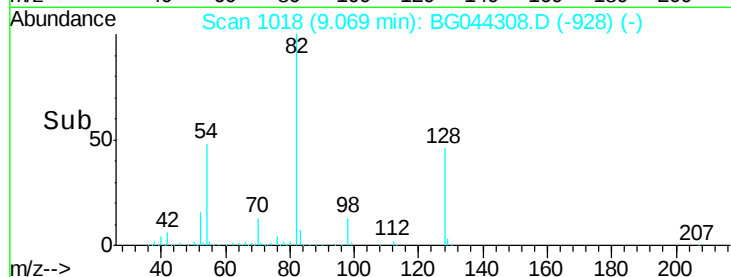
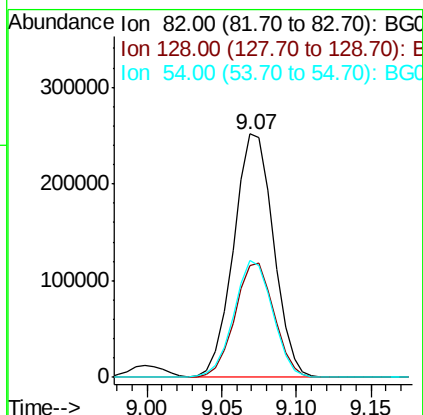
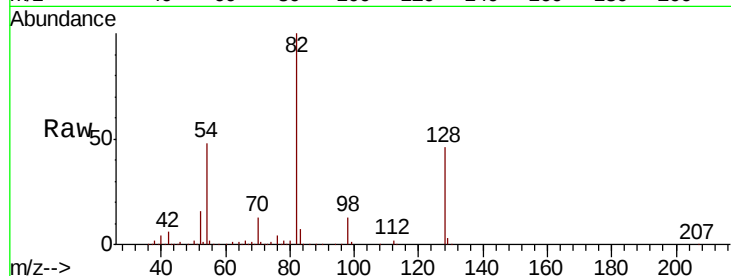




#23
Nitrobenzene-d5
Concen: 73.096 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

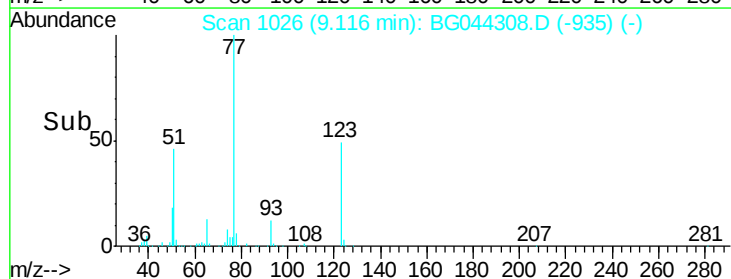
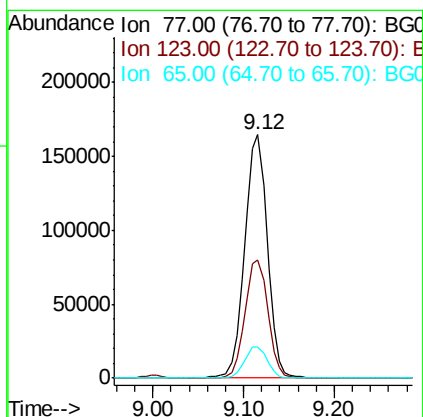
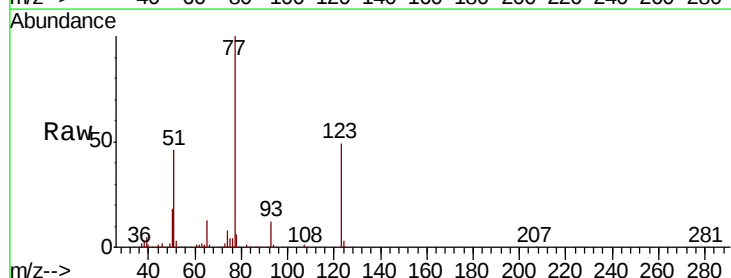
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.5	54.7
54	48.0	38.6	58.0



#24
Nitrobenzene
Concen: 45.670 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	39.9	59.9
65	12.8	10.4	15.6





#25

Isophorone

Concen: 46.801 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

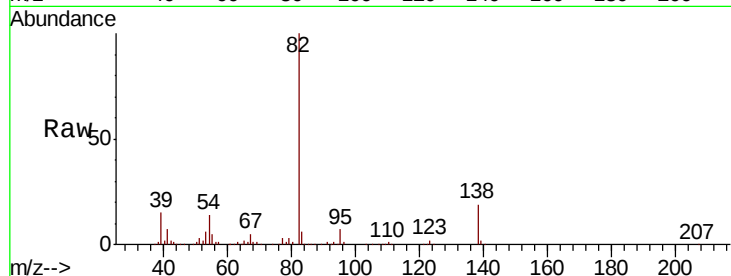
Tot Ion: 82 Resp: 554754

Ion Ratio Lower Upper

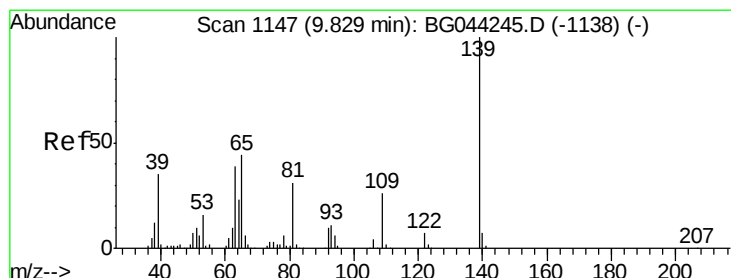
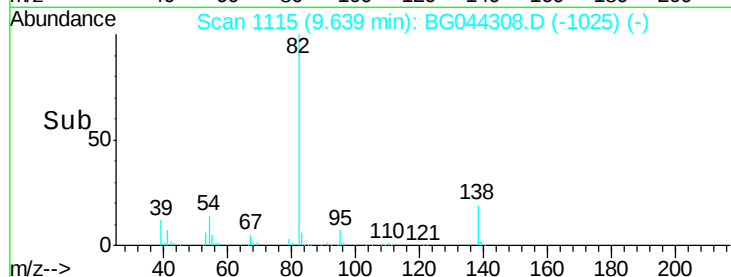
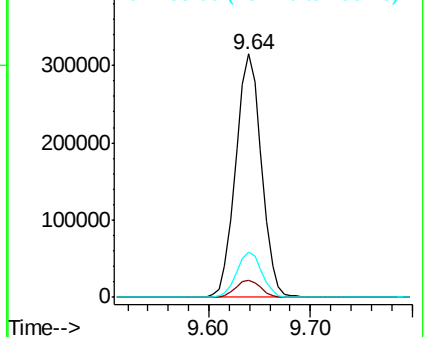
82 100

95 7.0 5.7 8.5

138 18.6 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: 49.563 ng

RT: 9.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

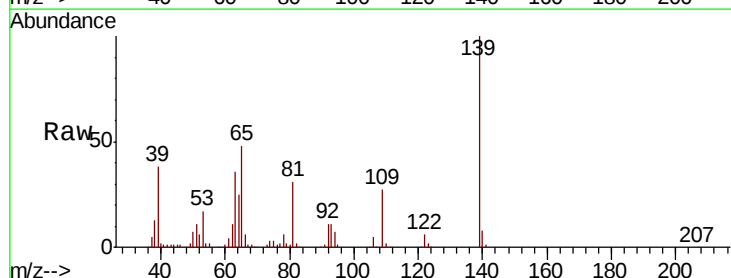
Tgt Ion: 139 Resp: 159668

Ion Ratio Lower Upper

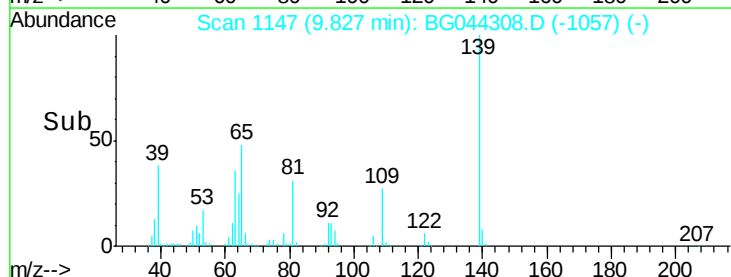
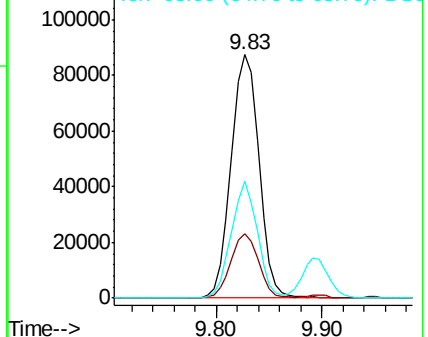
139 100

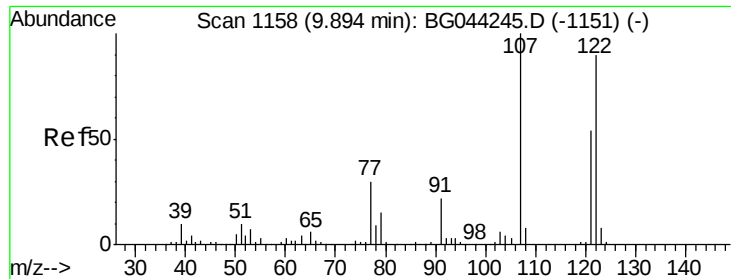
109 26.7 21.0 31.4

65 48.2 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

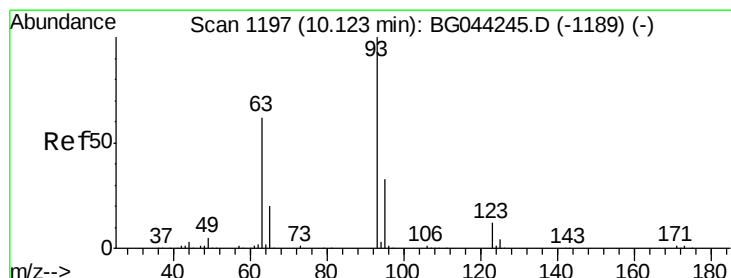
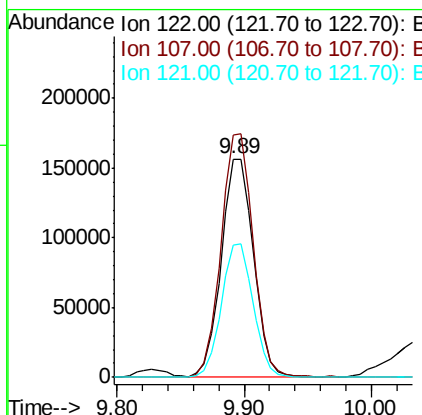
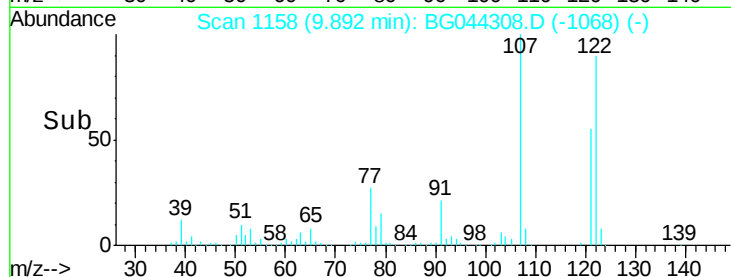
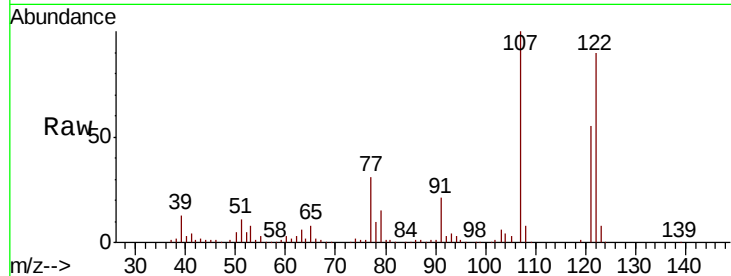




#27
 2,4-Dimethylphenol
 Concen: 60.337 ng
 RT: 9.89 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

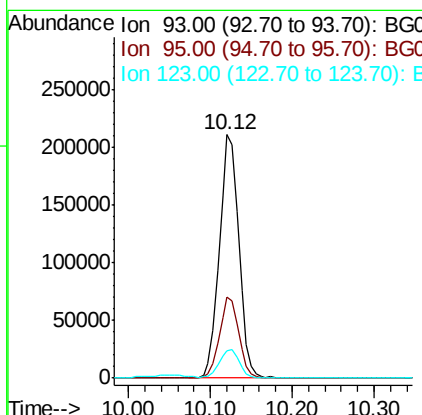
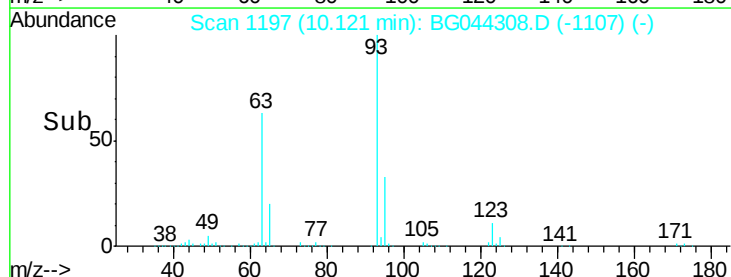
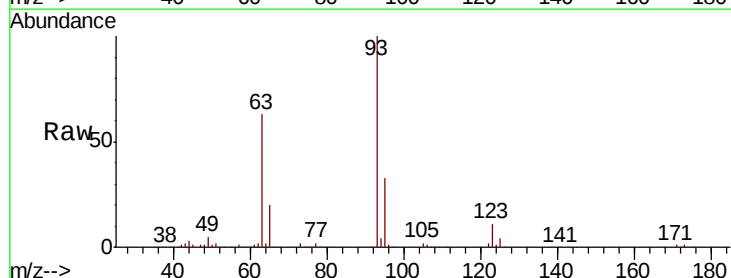
Instrument :
 BNA_G
 ClientSampled :

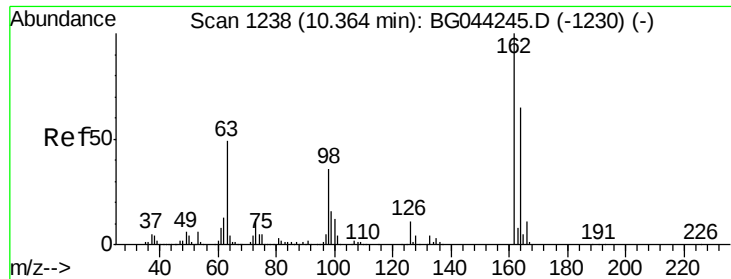
Tot Ion:	122	Resp:	274383
Ion	Ratio	Lower	Upper
122	100		
107	110.8	88.8	133.2
121	60.8	48.3	72.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.389 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

Tgt Ion:	93	Resp:	351005
Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.6	40.0
123	11.3	10.0	15.0

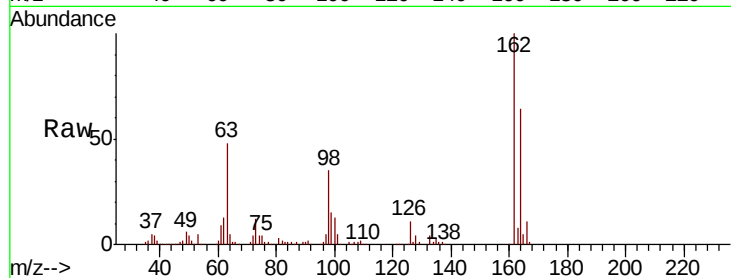




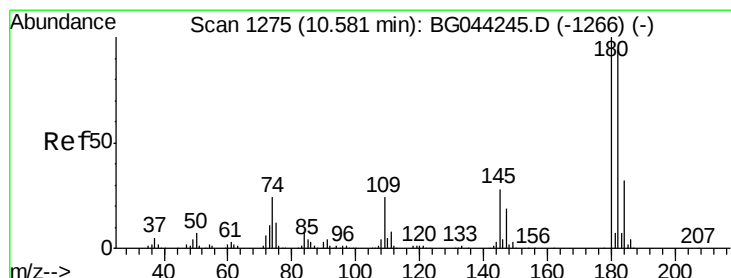
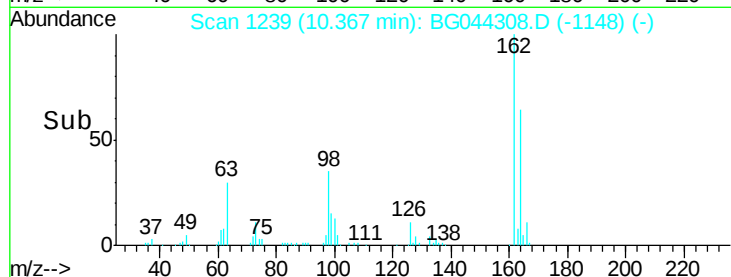
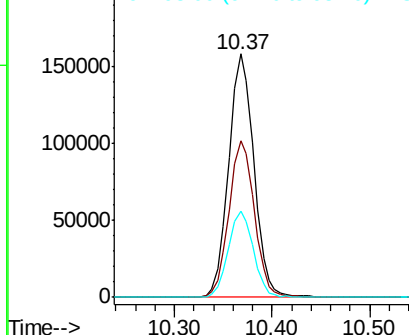
#29
2,4-Dichlorophenol
Concen: 51.924 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 285515
Ion Ratio Lower Upper
162 100
164 64.3 44.7 84.7
98 35.1 15.8 55.8

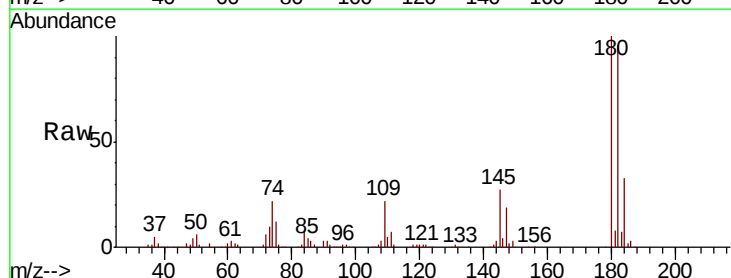


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

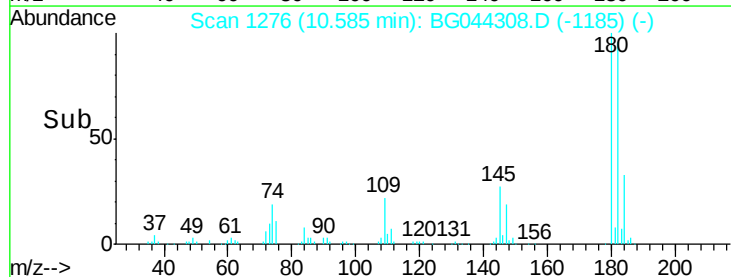
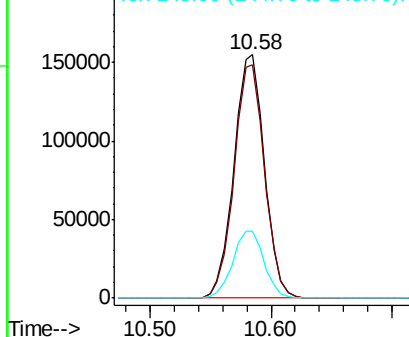


#30
1,2,4-Trichlorobenzene
Concen: 43.159 ng
RT: 10.58 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion:180 Resp: 272122
Ion Ratio Lower Upper
180 100
182 95.7 75.5 113.3
145 27.5 22.6 34.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

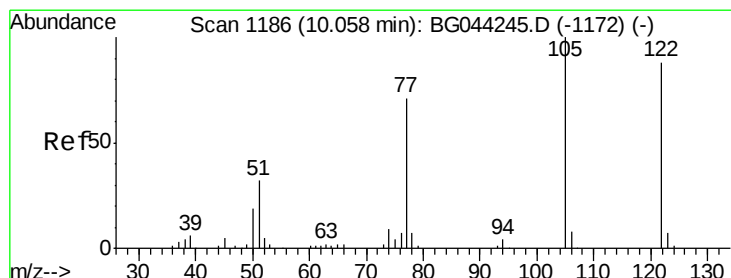
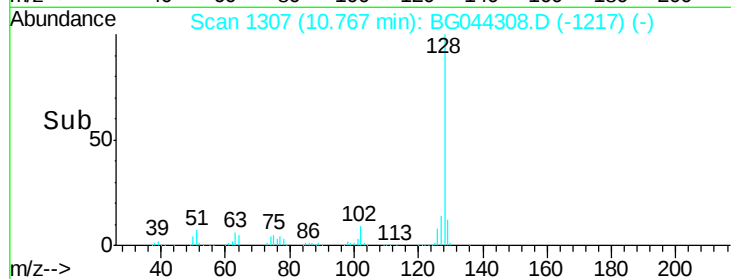
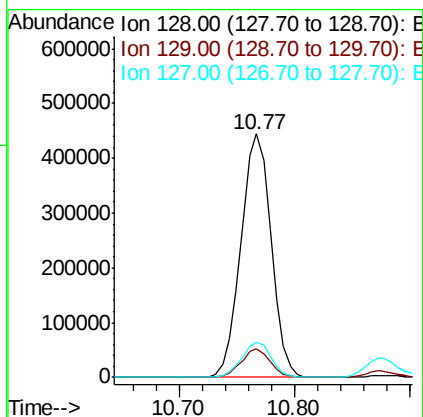
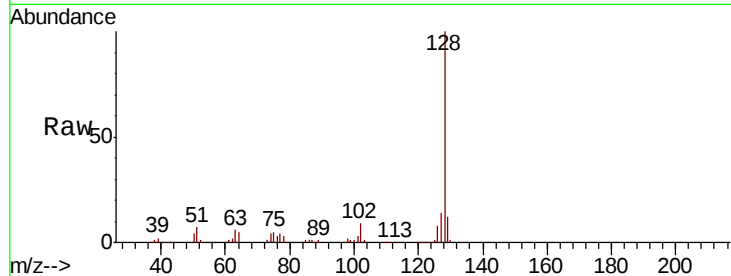




#31
Naphthalene
Concen: 46.419 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

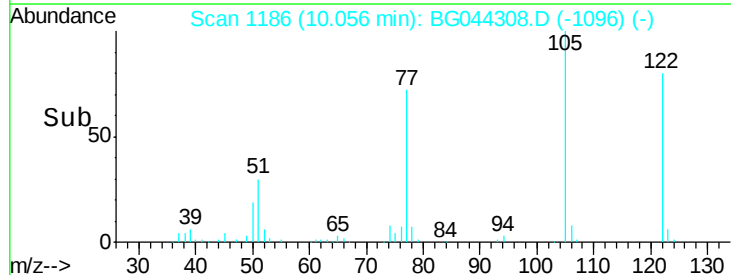
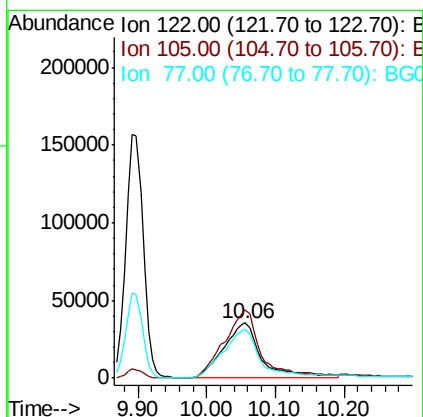
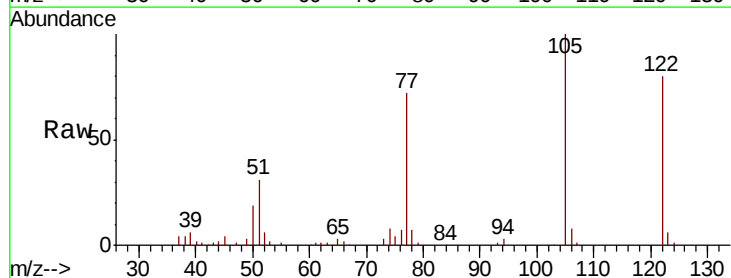
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 808603
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 14.5 11.6 17.4



#32
Benzoic acid
Concen: 45.384 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion:122 Resp: 132662
Ion Ratio Lower Upper
122 100
105 124.4 93.5 133.5
77 89.8 61.0 101.0

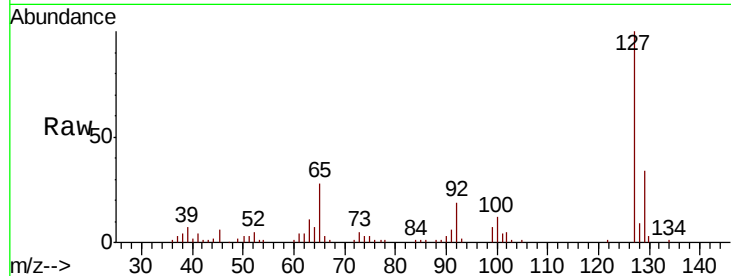




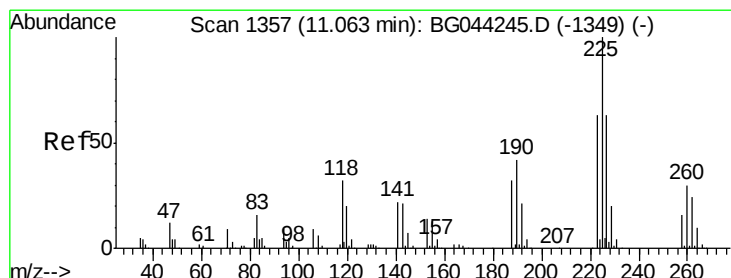
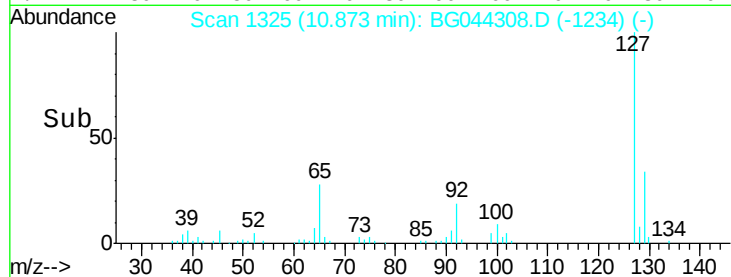
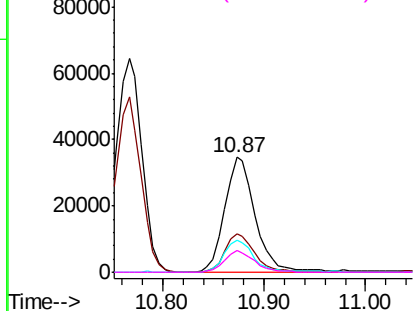
#33
4-Chloroaniline
Concen: 9.164 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	72605
Ion Ratio	Lower	Upper
127 100		
129 33.5	26.6	40.0
65 28.1	22.5	33.7
92 18.5	14.1	21.1

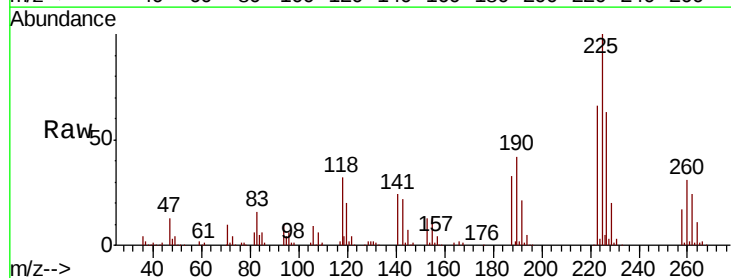


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

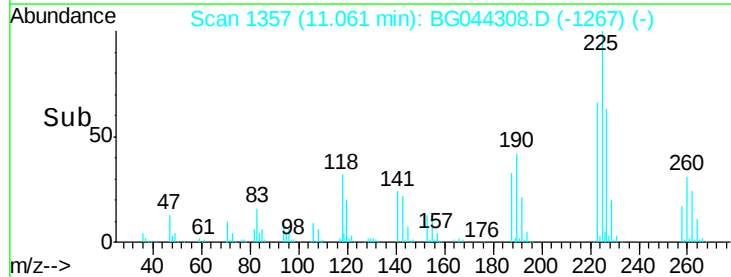
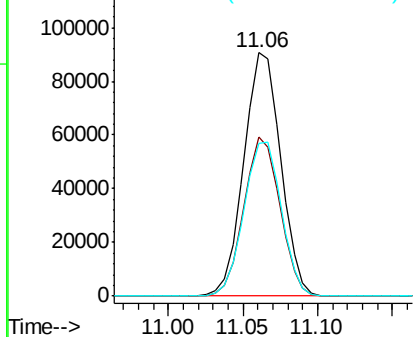


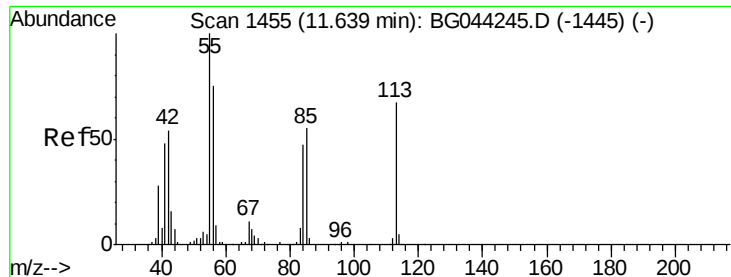
#34
Hexachlorobutadiene
Concen: 39.948 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt	Ion:225	Resp:	154985
Ion	Ratio	Lower	Upper
225	100		
223	65.6	50.2	75.4
227	63.0	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: 39.067 ng

RT: 11.64 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

ClientSampled :

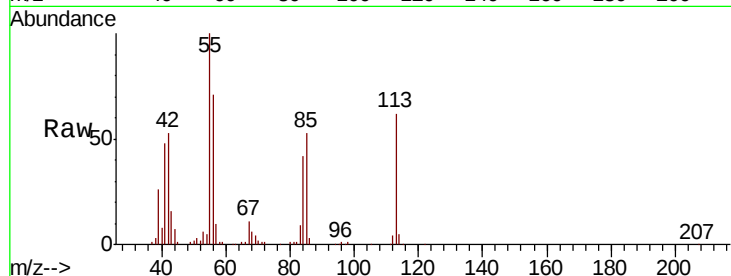
Tot Ion:113 Resp: 78693

Ion Ratio Lower Upper

113 100

55 161.7 129.9 169.9

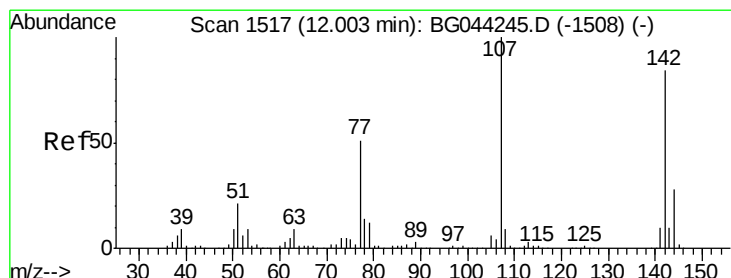
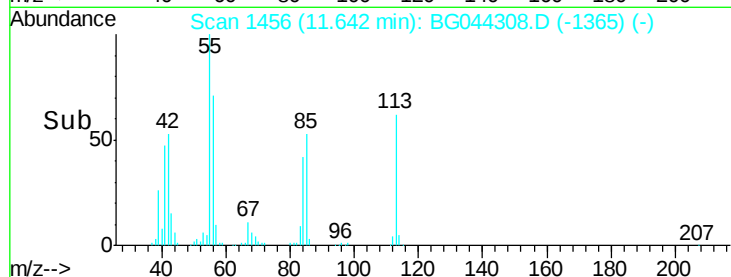
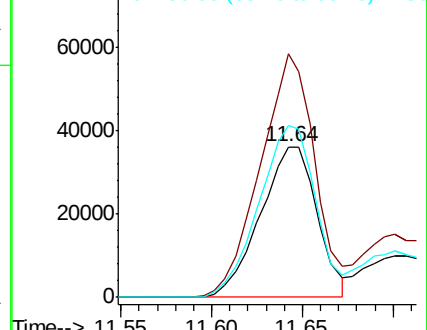
56 114.4 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 54.089 ng

RT: 12.01 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

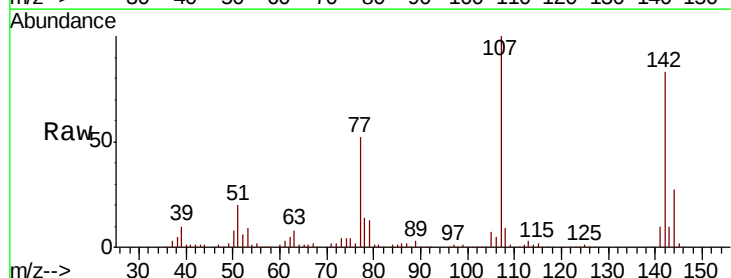
Tgt Ion:107 Resp: 311835

Ion Ratio Lower Upper

107 100

144 27.3 22.2 33.4

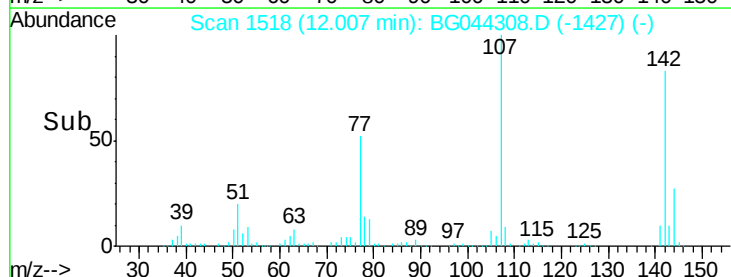
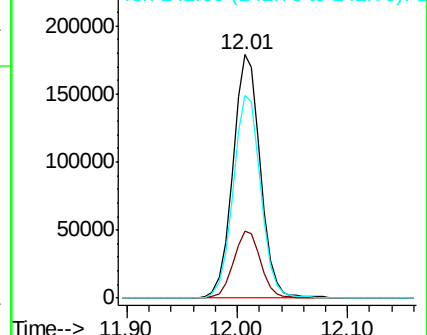
142 83.4 67.4 101.0

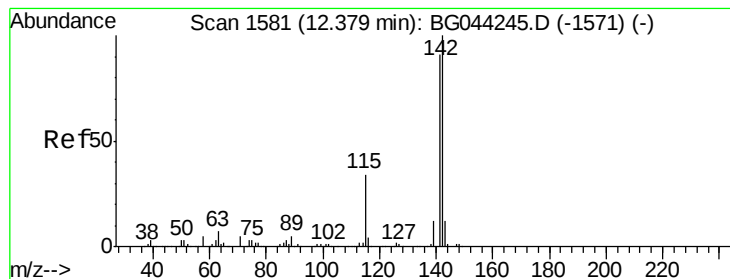


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.623 ng

RT: 12.38 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

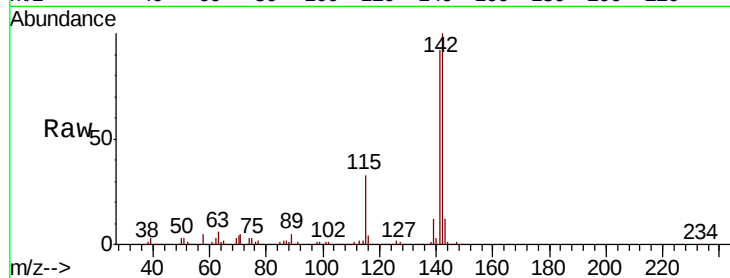
Tot Ion:142 Resp: 615930

Ion Ratio Lower Upper

142 100

141 91.9 73.2 109.8

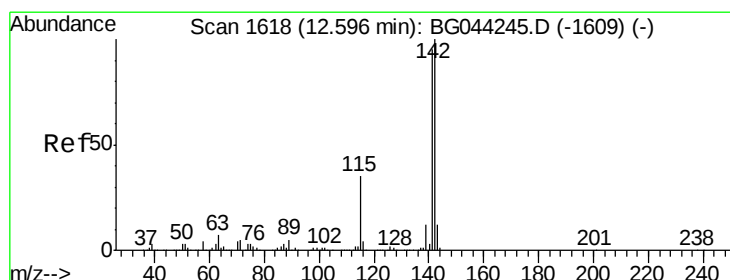
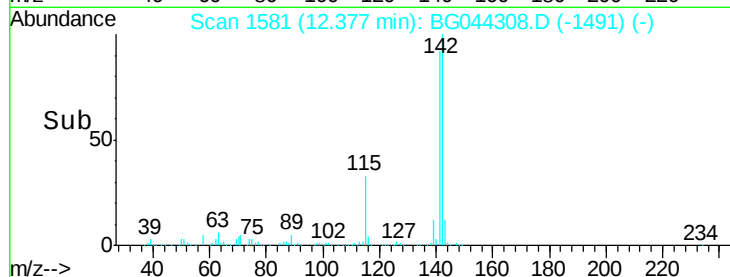
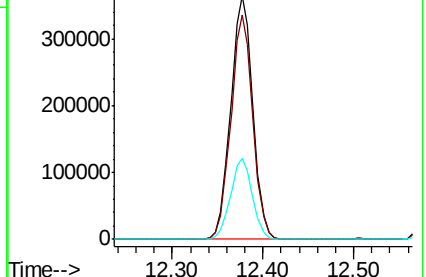
115 33.1 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.196 ng

RT: 12.59 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

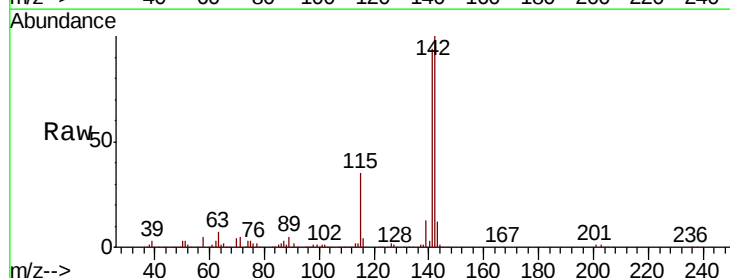
Tgt Ion:142 Resp: 587687

Ion Ratio Lower Upper

142 100

141 93.8 75.8 113.6

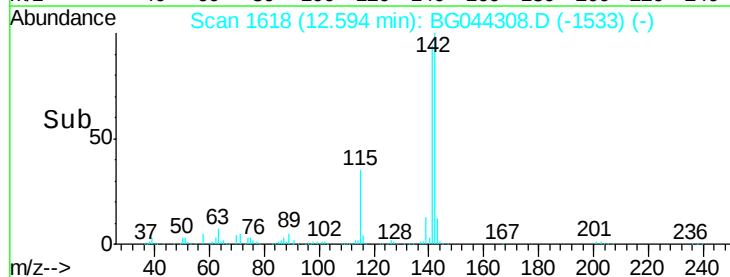
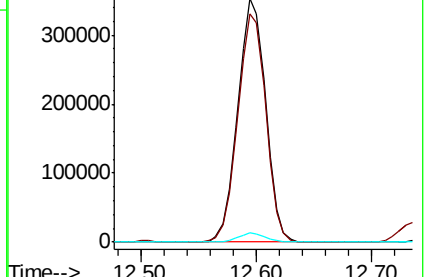
116 3.6 3.1 4.7

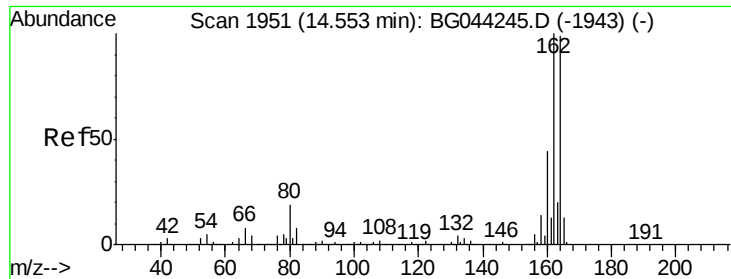


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

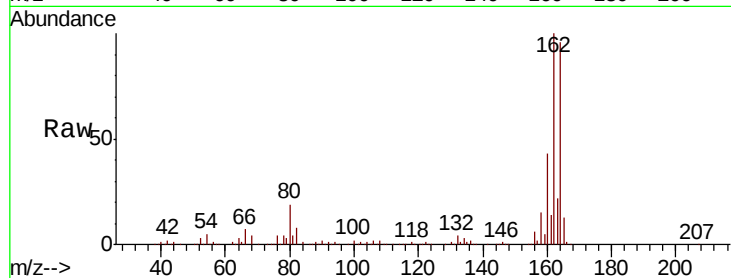
Tot Ion:164 Resp: 252364

Ion Ratio Lower Upper

164 100

162 104.3 80.7 121.1

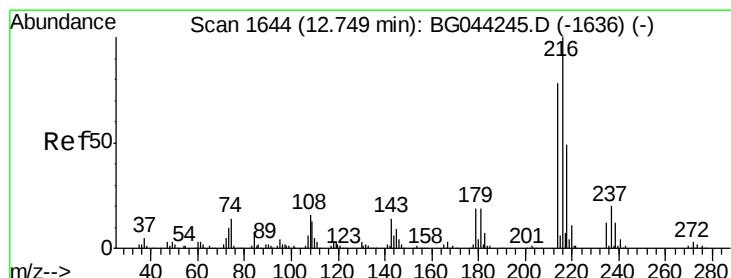
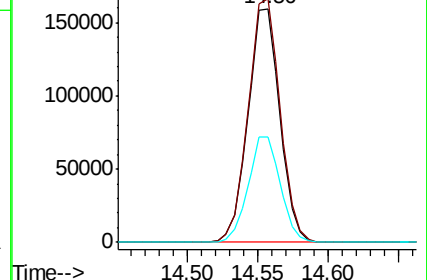
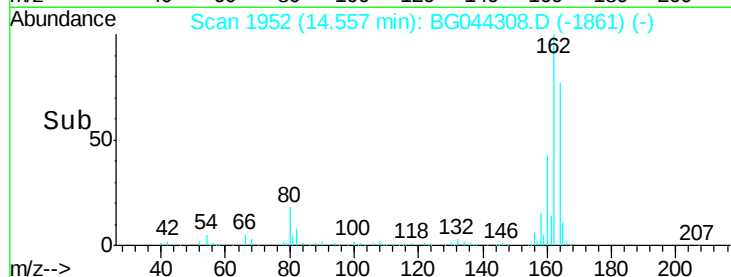
160 44.9 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.169 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Tgt Ion:216 Resp: 303241

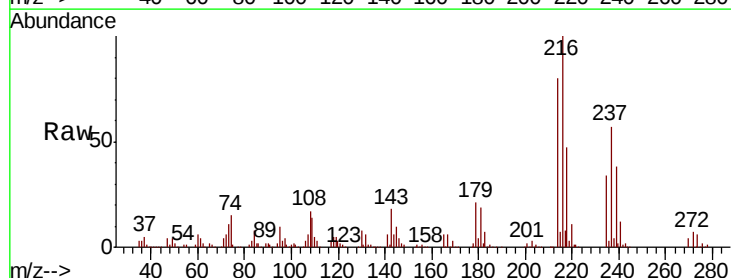
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.6

179 20.8 16.2 24.4

108 18.8 13.5 20.3

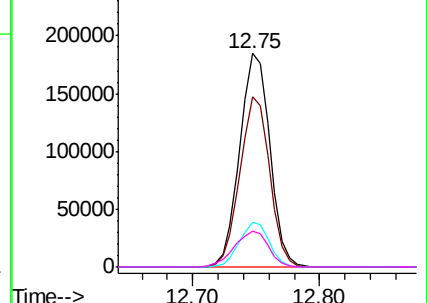
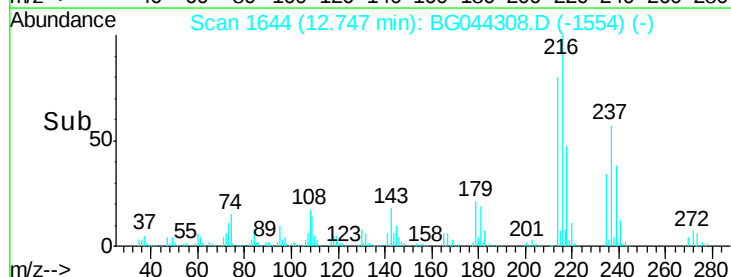


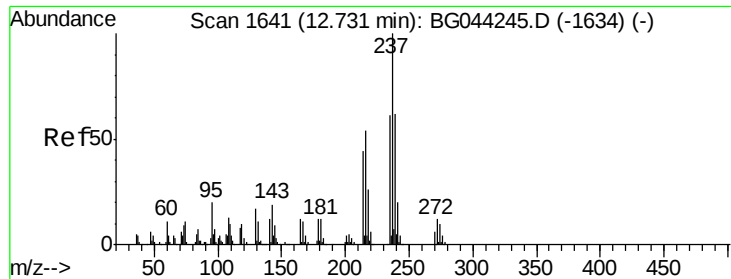
Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.094 ng

RT: 12.74 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

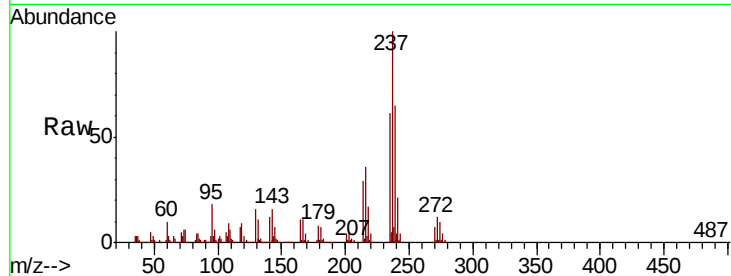
Tot Ion:237 Resp: 348078

Ion Ratio Lower Upper

237 100

235 60.9 41.2 81.2

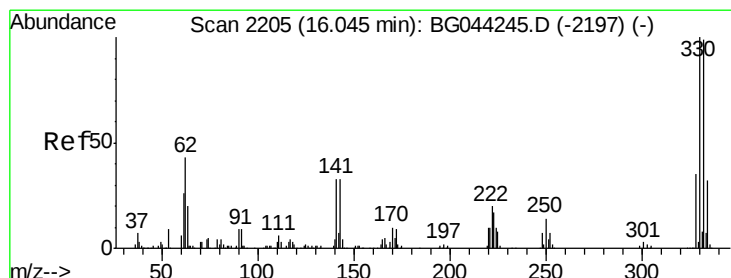
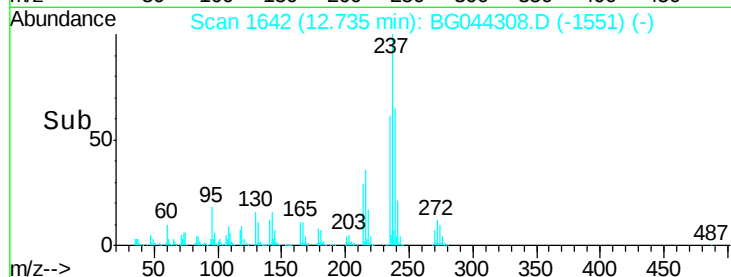
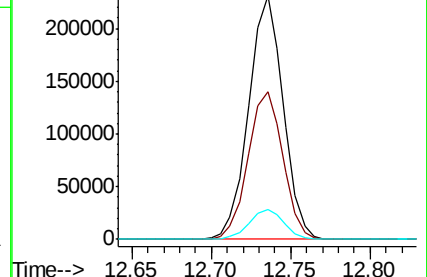
272 12.5 0.0 32.4



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: 116.436 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

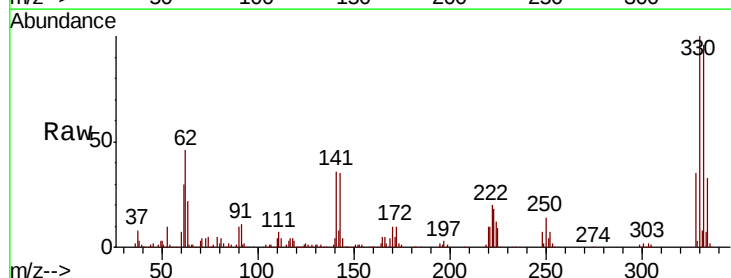
Tgt Ion:330 Resp: 344955

Ion Ratio Lower Upper

330 100

332 95.6 77.2 115.8

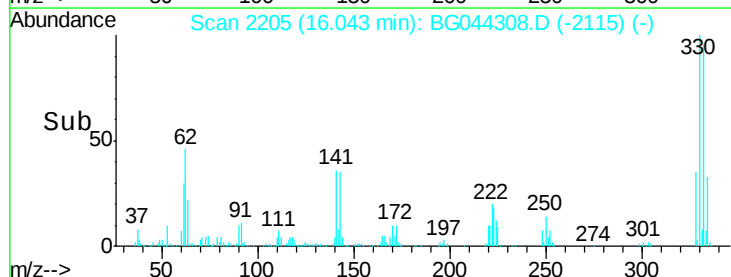
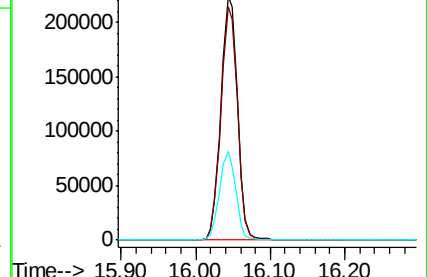
141 35.7 28.3 42.5



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

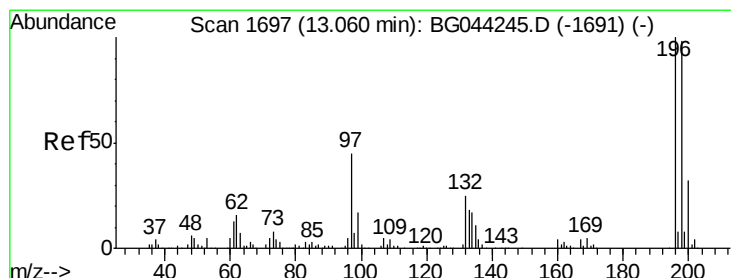
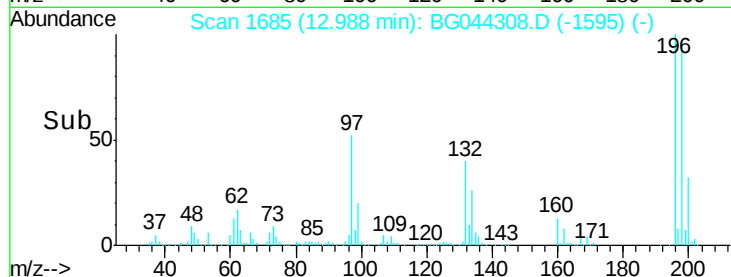
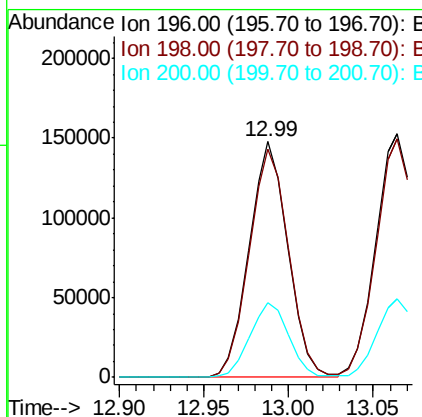
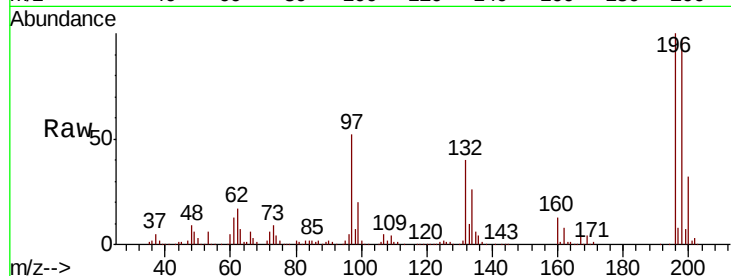




#43
2,4,6-Trichlorophenol
Concen: 48.348 ng
RT: 12.99 min Scan# 1685
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

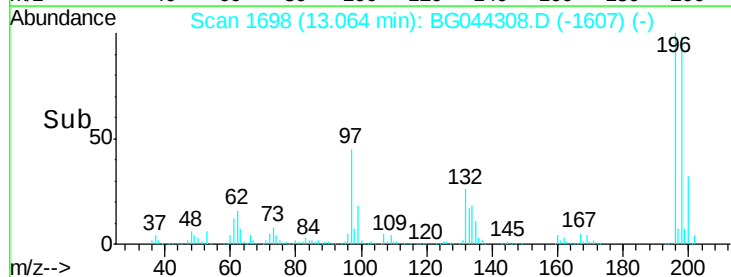
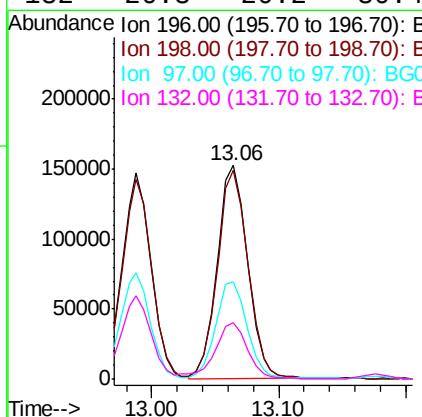
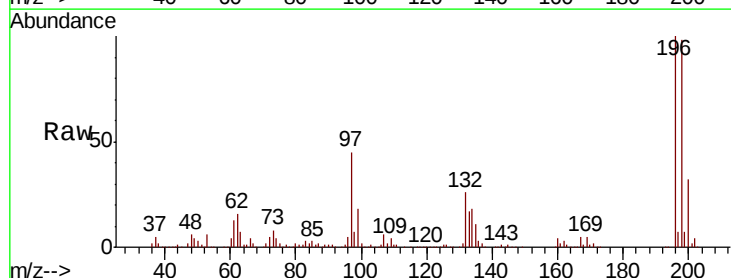
Instrument :
BNA_G
ClientSampled :

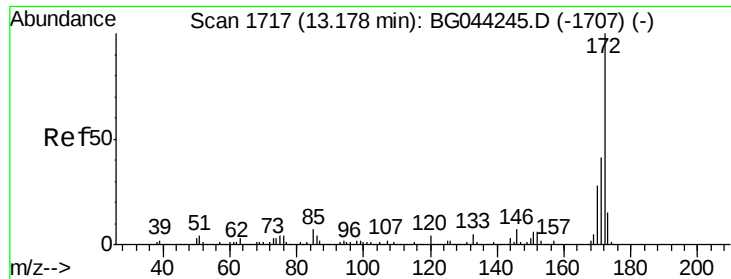
Tot Ion	196	Resp	235915
Ion Ratio	Lower	Upper	
196	100		
198	96.9	79.3	118.9
200	31.6	25.7	38.5



#44
2,4,5-Trichlorophenol
Concen: 51.215 ng
RT: 13.06 min Scan# 1698
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	196	Resp	255252
Ion Ratio	Lower	Upper	
196	100		
198	98.0	78.2	117.2
97	45.3	36.2	54.4
132	26.3	20.2	30.4



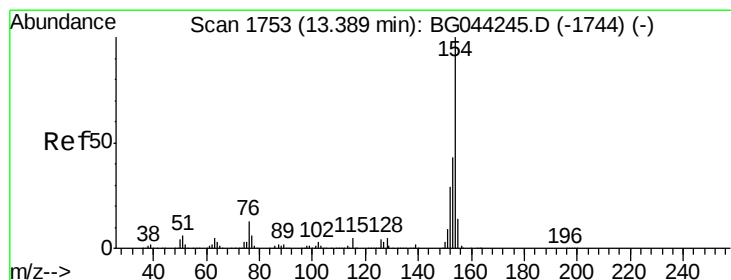
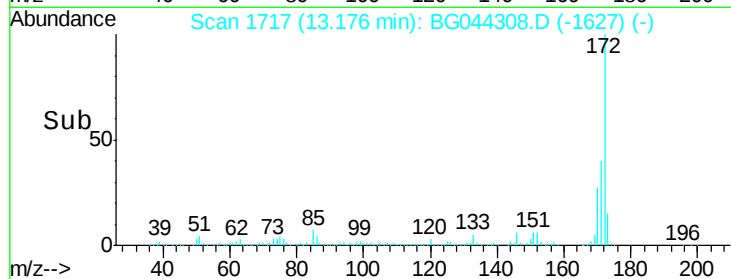
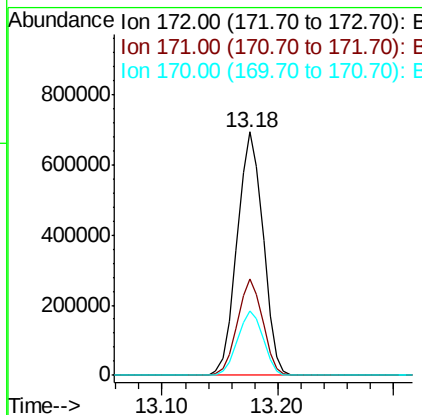
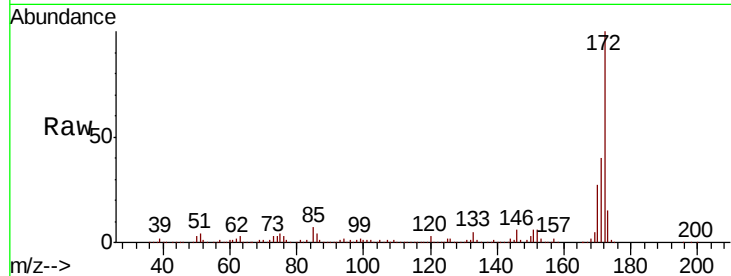


#45
 2-Fluorobiphenyl
 Concen: 71.664 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1080009

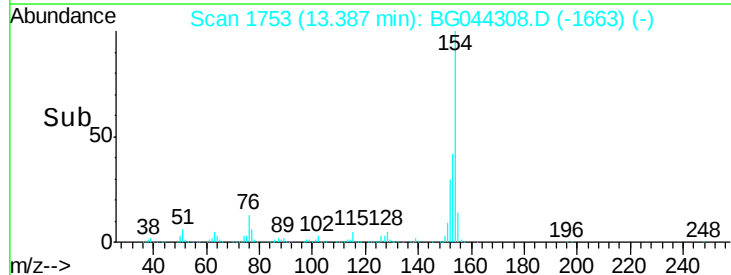
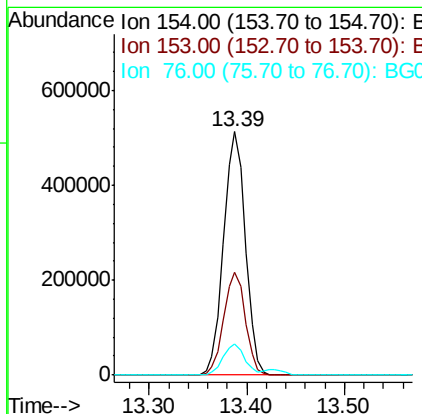
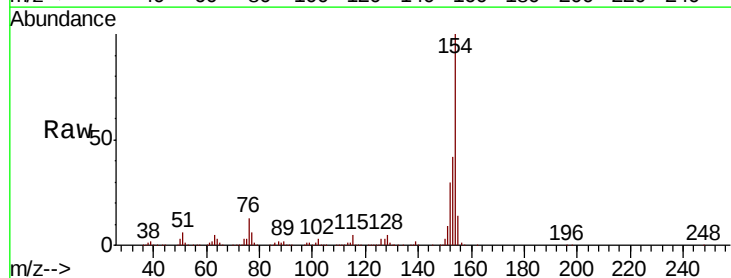
Ion	Ratio	Lower	Upper
172	100		
171	39.5	32.9	49.3
170	26.6	22.0	33.0

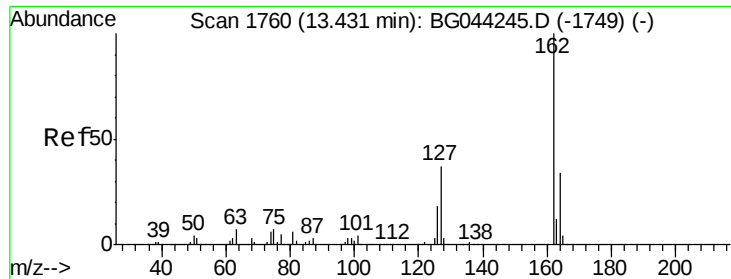


#46
 1,1'-Biphenyl
 Concen: 43.523 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

Tgt Ion:154 Resp: 792257

Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.7	62.7
76	13.0	0.0	32.9

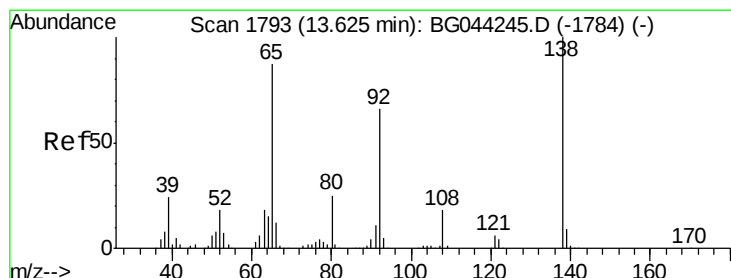
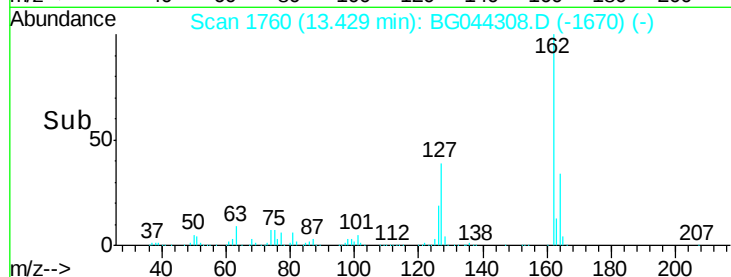
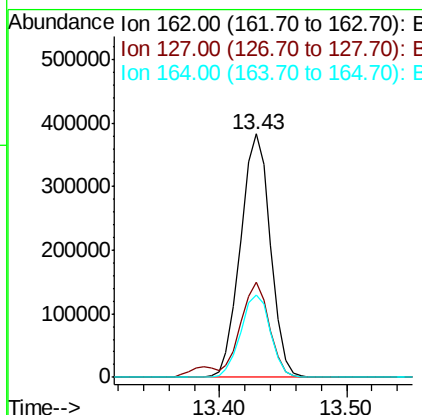
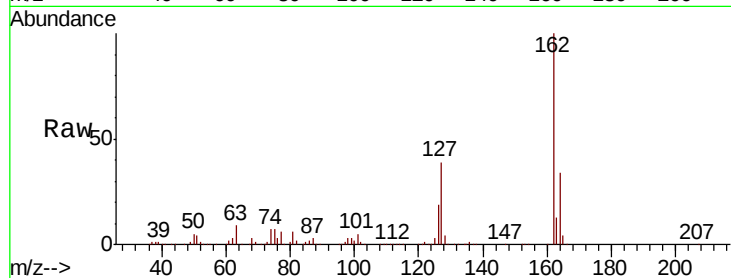




#47
2-Chloronaphthalene
Concen: 43.129 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

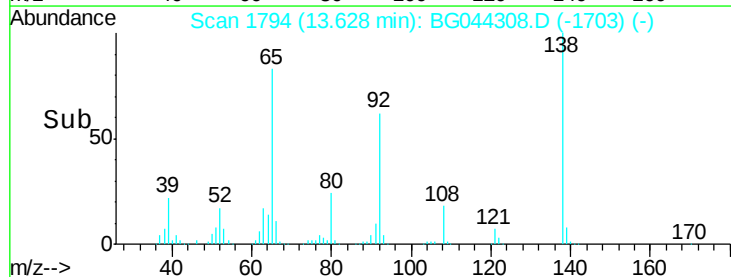
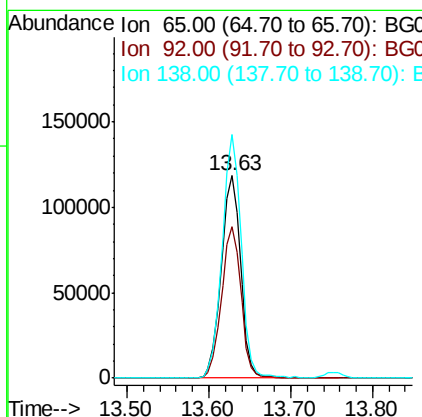
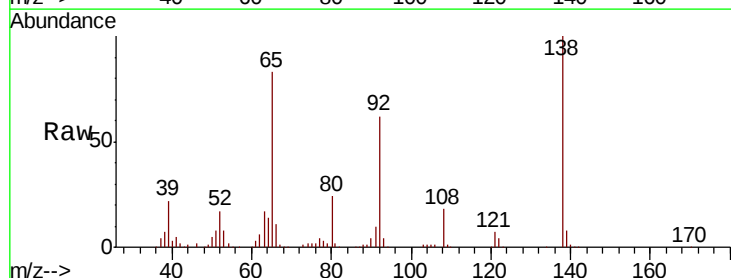
Instrument :
BNA_G
ClientSampleId :

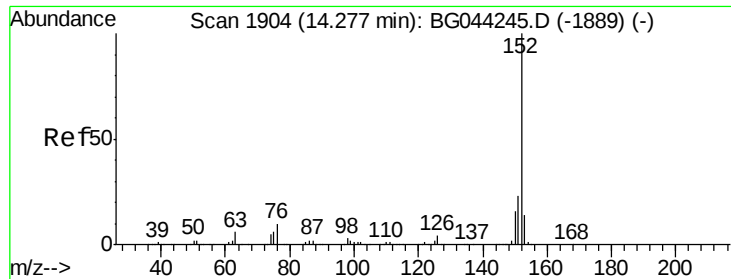
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	30.0	45.0
164	33.7	27.2	40.8



#48
2-Nitroaniline
Concen: 46.066 ng
RT: 13.63 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.2	60.3	90.5
138	120.4	91.9	137.9





#49

Acenaphthylene

Concen: 47.624 ng

RT: 14.27 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

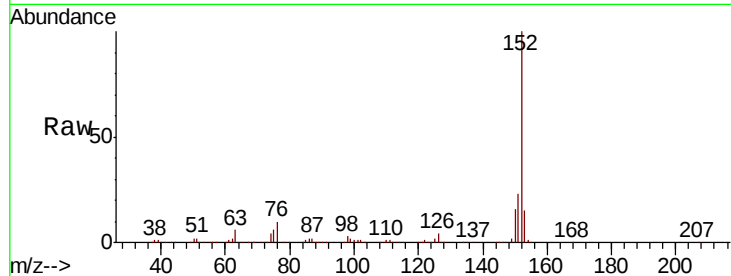
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1011826

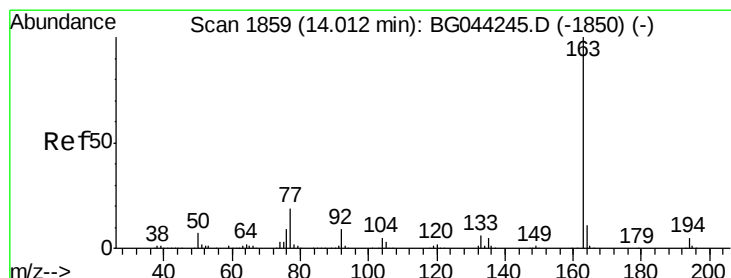
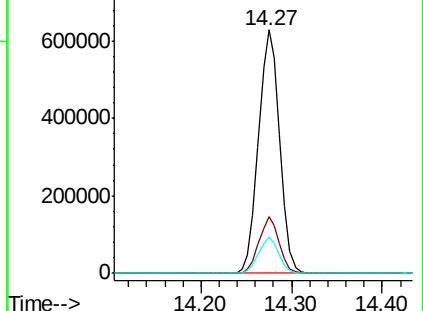
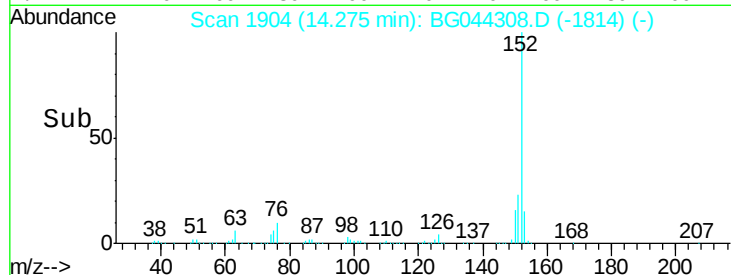
Ion	Ratio	Lower	Upper
152	100		
151	23.4	18.1	27.1
153	14.7	11.5	17.3



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: 50.157 ng

RT: 14.01 min Scan# 1859

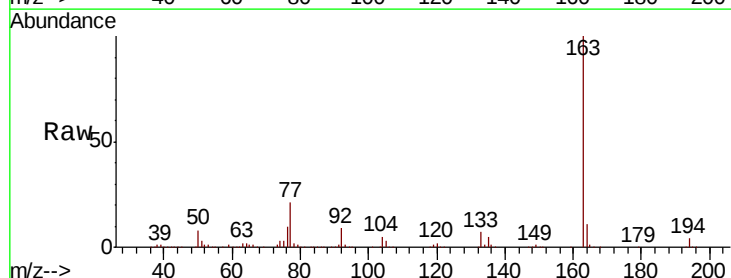
Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Tgt Ion:163 Resp: 909872

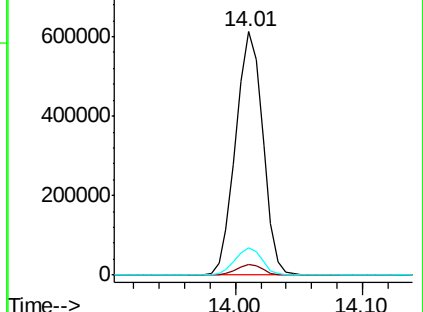
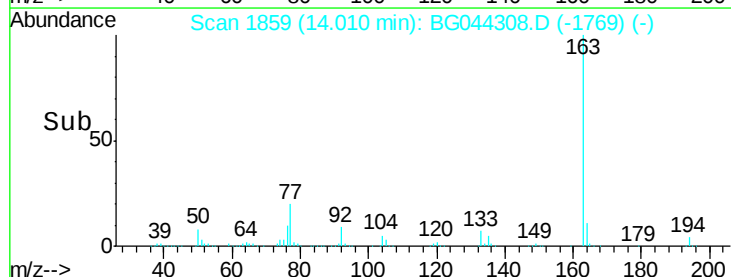
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	11.1	8.7	13.1

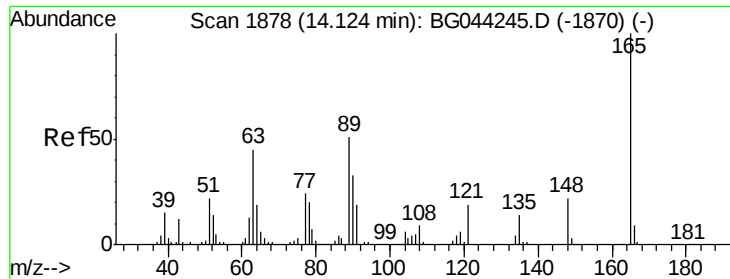


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

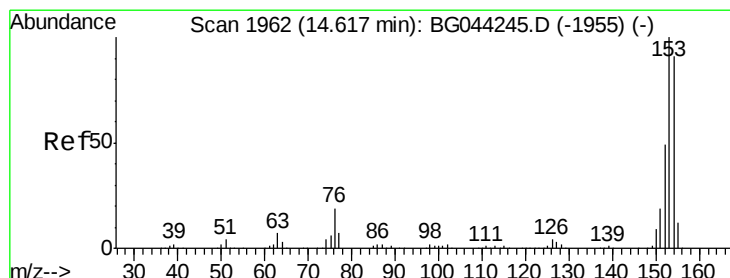
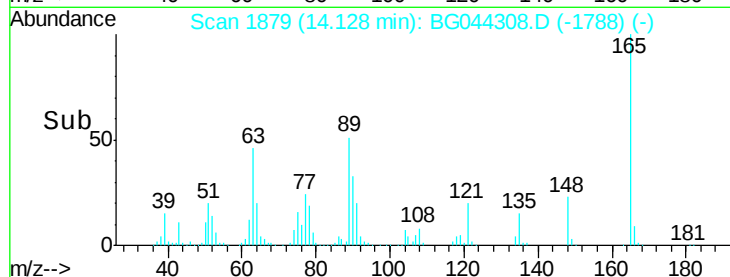
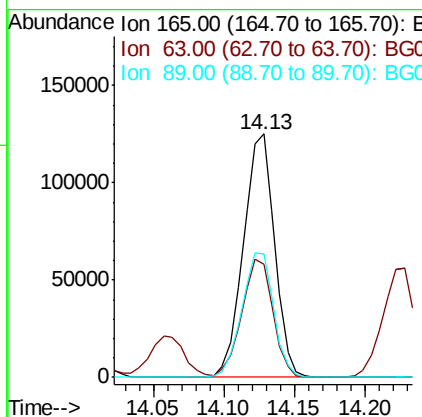
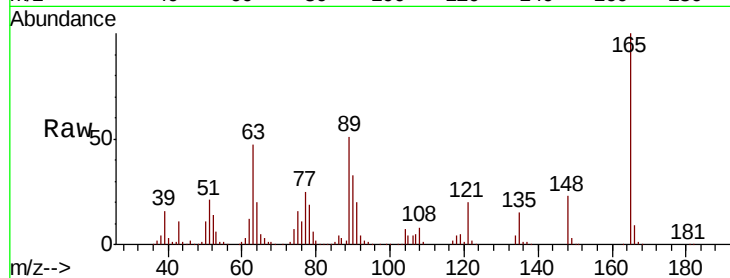




#51
 2,6-Dinitrotoluene
 Concen: 47.827 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. 0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

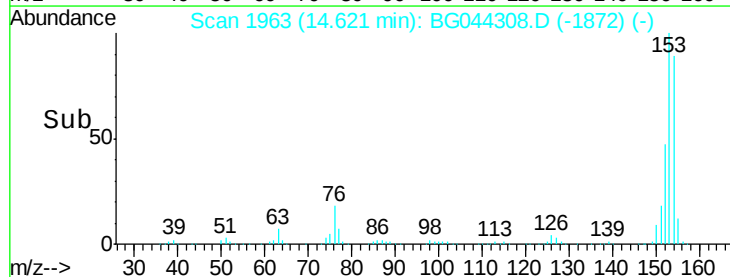
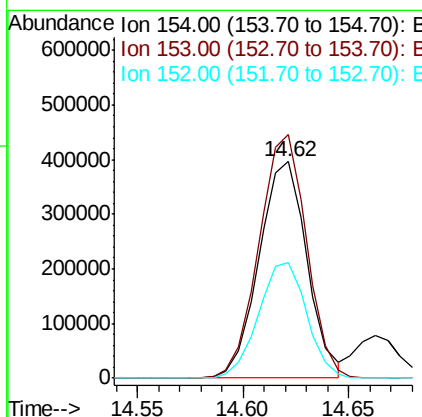
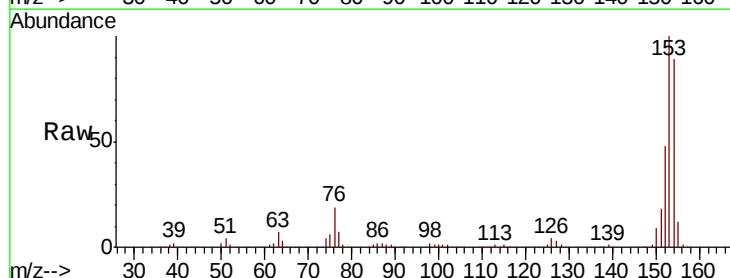
Instrument :
 BNA_G
 ClientSampleId :

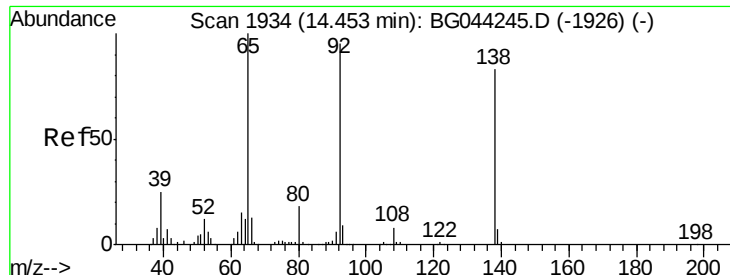
Tot Ion:165 Resp: 193449
 Ion Ratio Lower Upper
 165 100
 63 46.6 38.7 58.1
 89 50.9 40.4 60.6



#52
 Acenaphthene
 Concen: 45.331 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

Tgt Ion:154 Resp: 624257
 Ion Ratio Lower Upper
 154 100
 153 112.5 87.9 131.9
 152 53.5 43.1 64.7





#53

3-Nitroaniline

Concen: 15.255 ng

RT: 14.45 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

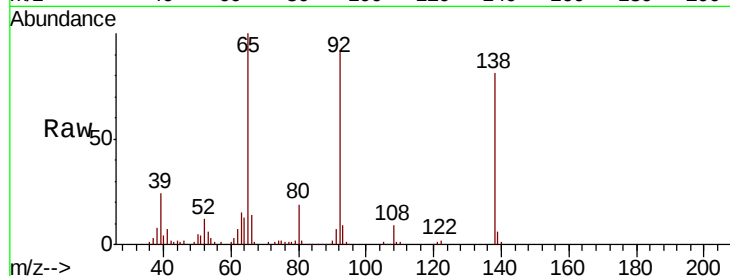
Tot Ion:138 Resp: 68266

Ion Ratio Lower Upper

138 100

108 10.6 7.9 11.9

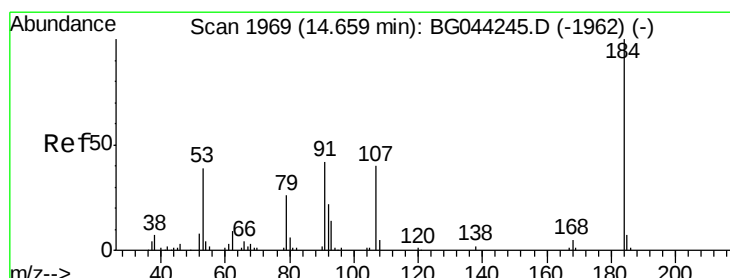
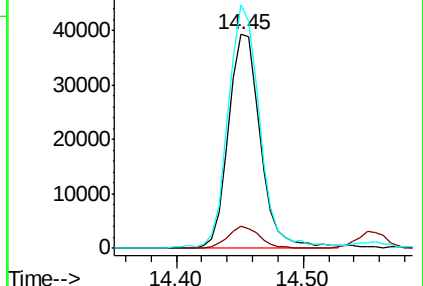
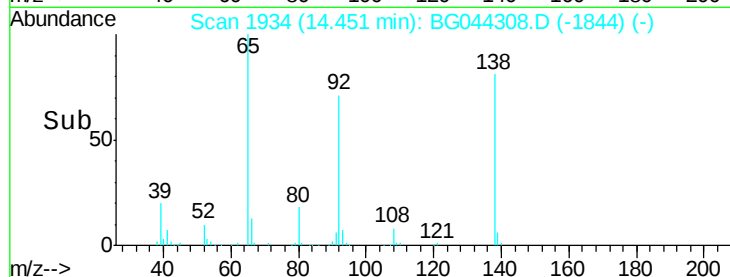
92 113.8 91.0 136.4



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: 90.110 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

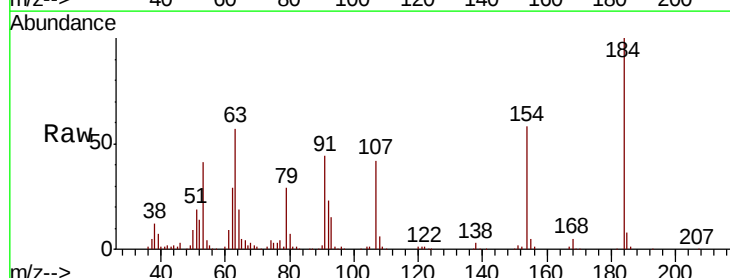
Tgt Ion:184 Resp: 218518

Ion Ratio Lower Upper

184 100

63 56.6 44.1 66.1

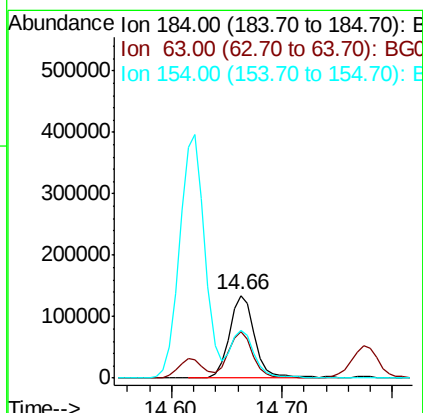
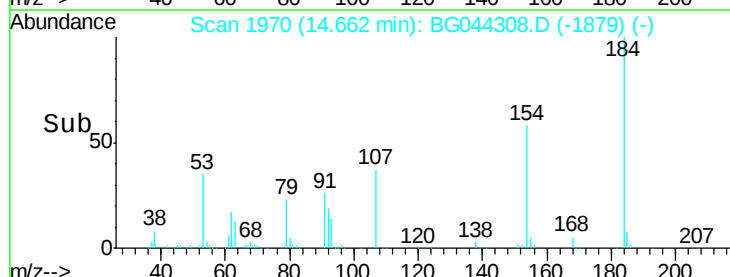
154 58.1 45.4 68.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

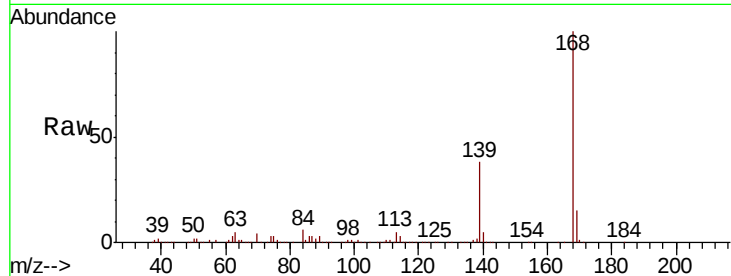




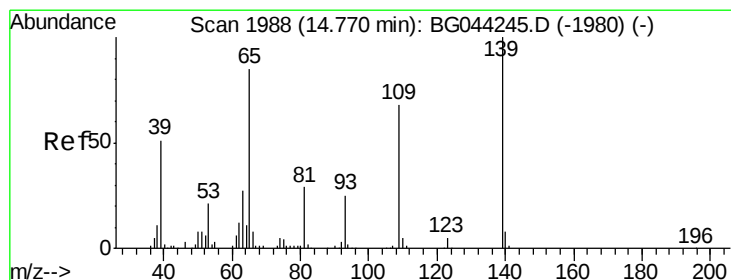
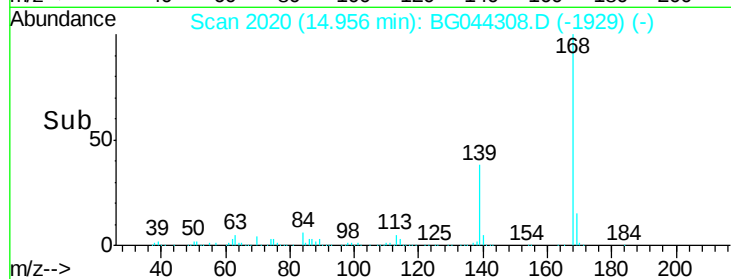
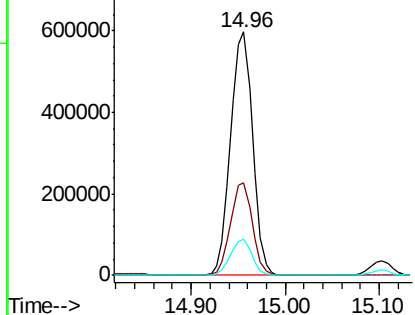
#55
Dibenzofuran
Concen: 46.678 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 973244
Ion Ratio Lower Upper
168 100
139 38.1 30.5 45.7
169 14.7 11.7 17.5

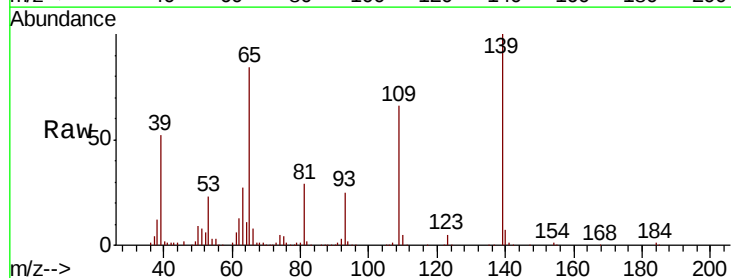


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

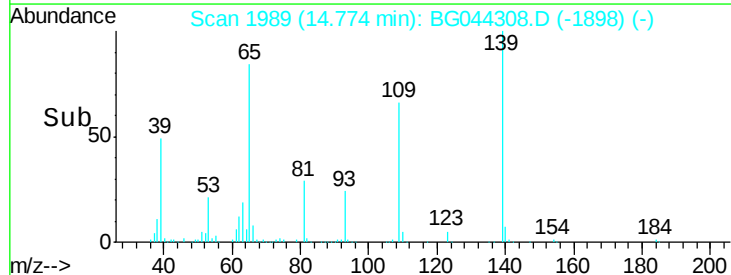
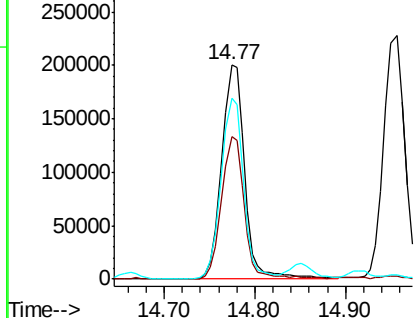


#56
4-Nitrophenol
Concen: 108.264 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion:139 Resp: 354878
Ion Ratio Lower Upper
139 100
109 66.4 47.5 87.5
65 84.3 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): BG0

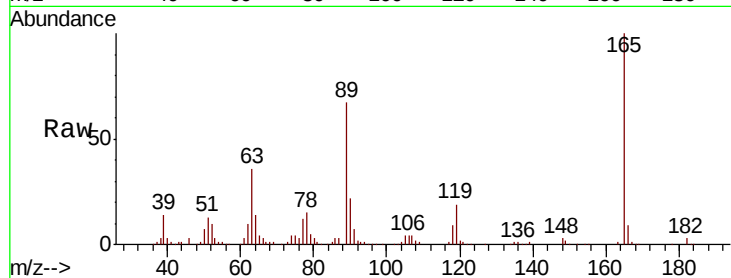




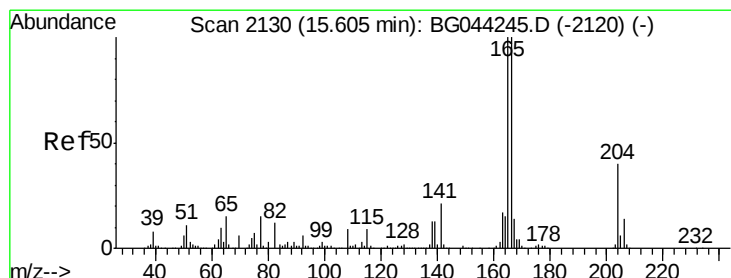
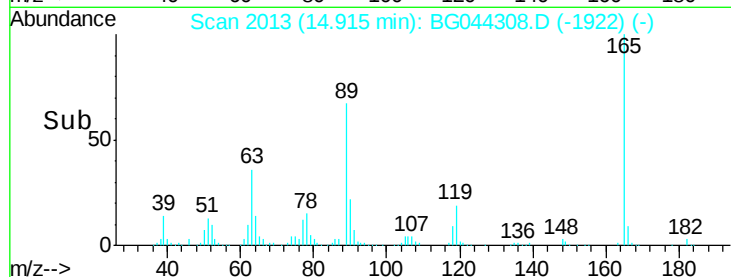
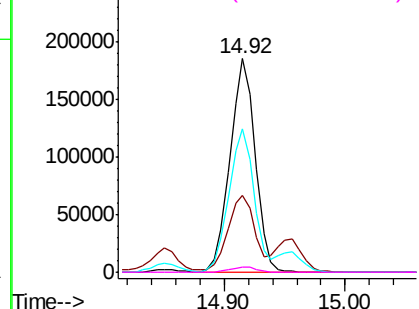
#57
2,4-Dinitrotoluene
Concen: 47.289 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.2	30.3	45.5
89	67.0	53.4	80.2
182	2.5	2.1	3.1

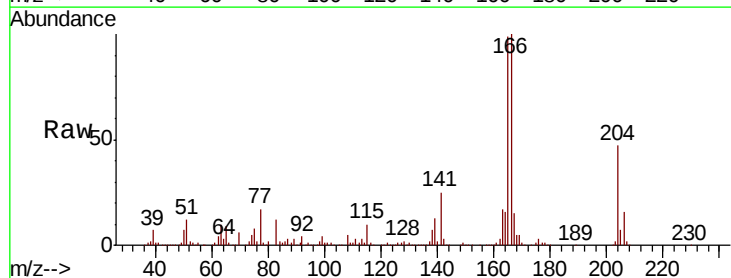


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

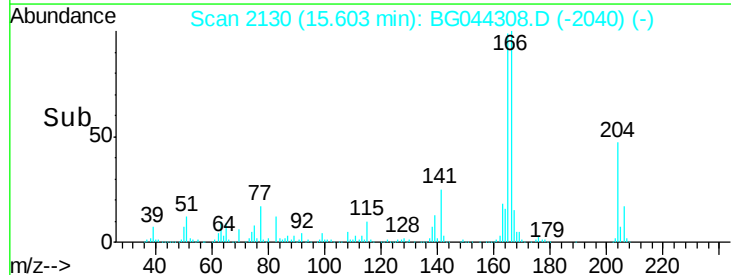
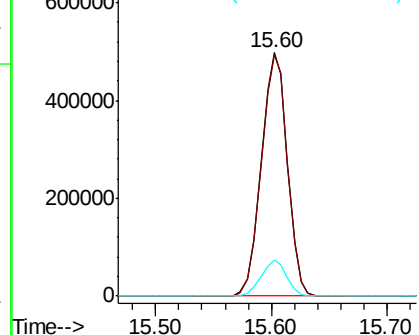


#58
Fluorene
Concen: 47.489 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.9	119.9
167	14.8	11.4	17.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

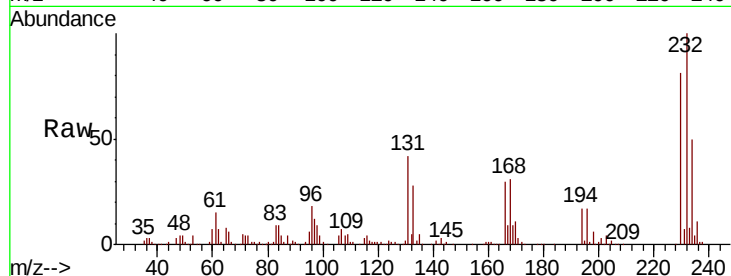




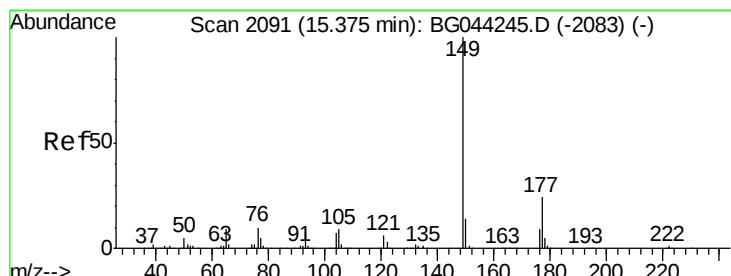
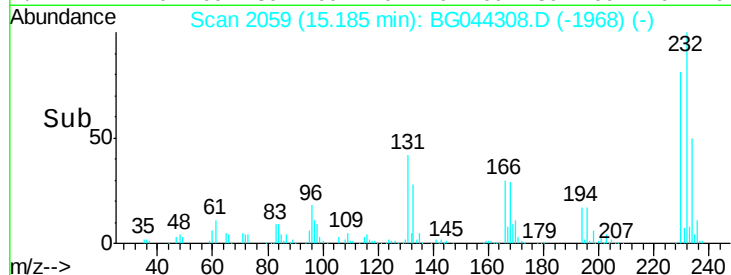
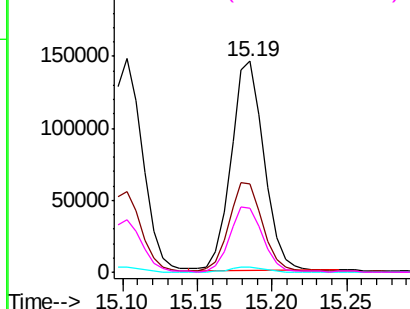
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.859 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 224453
 Ion Ratio Lower Upper
 232 100
 131 44.2 34.2 51.4
 130 2.6 1.8 2.8
 166 31.0 23.8 35.8

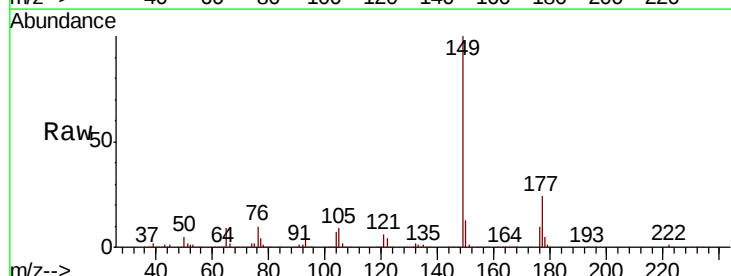


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

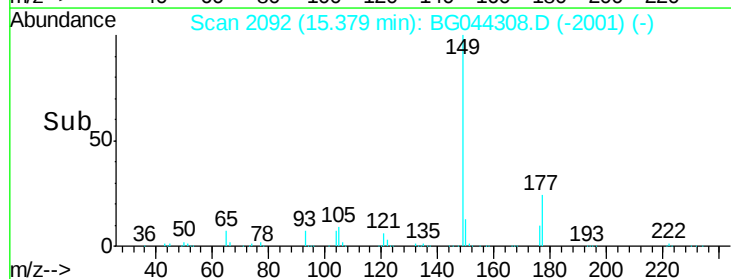
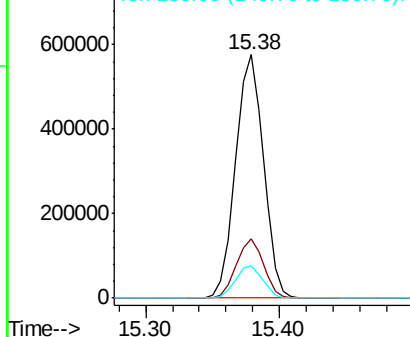


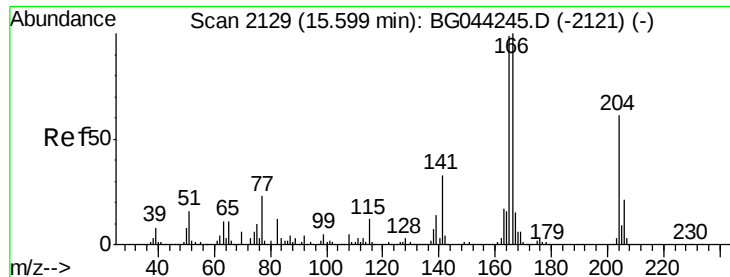
#60
 Diethylphthalate
 Concen: 46.248 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

Tgt Ion:149 Resp: 835976
 Ion Ratio Lower Upper
 149 100
 177 24.2 19.4 29.0
 150 13.2 10.9 16.3



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

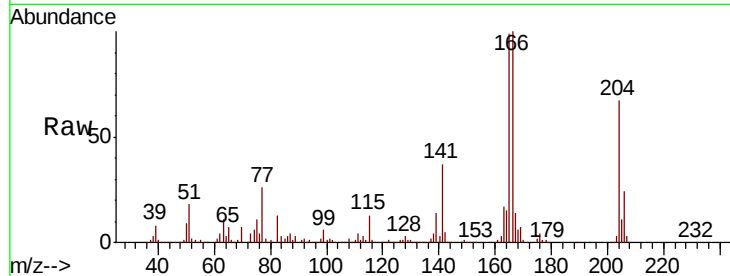




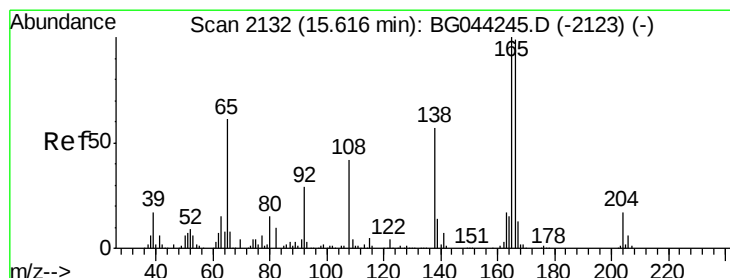
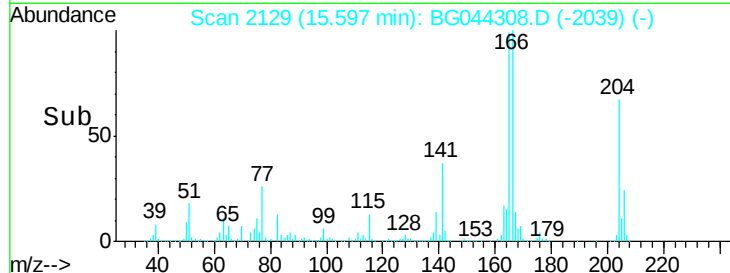
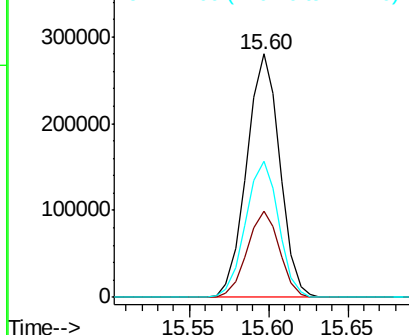
#61
 4-Chlorophenyl-phenylether
 Concen: 45.581 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.7	27.6	41.4
141	55.9	43.4	65.0

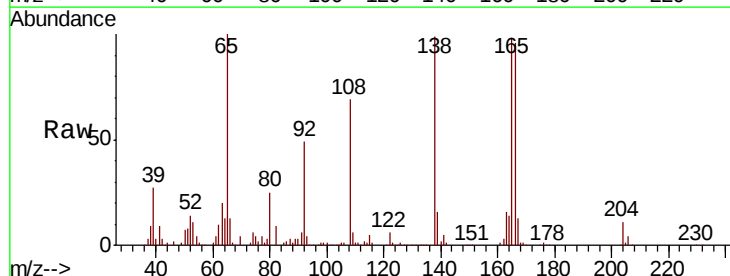


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

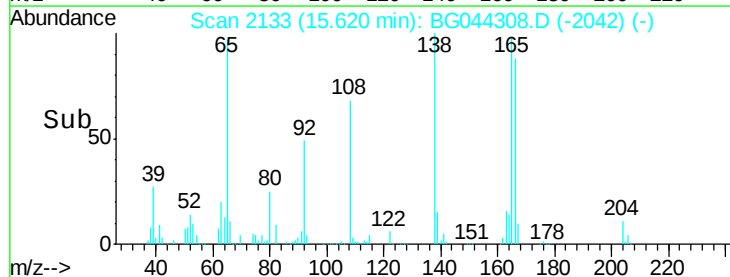
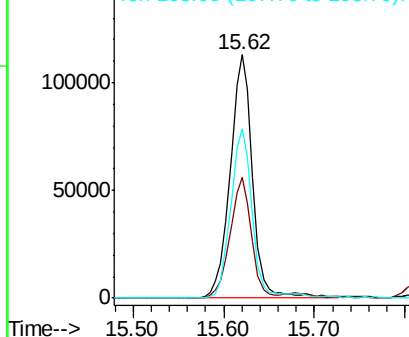


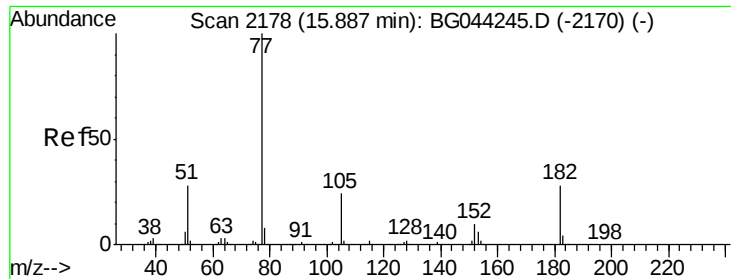
#62
 4-Nitroaniline
 Concen: 43.405 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	31.3	71.3
108	69.8	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

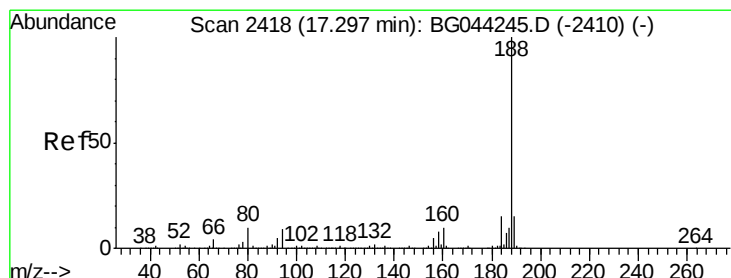
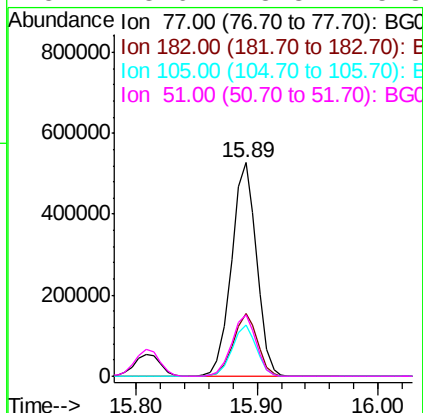
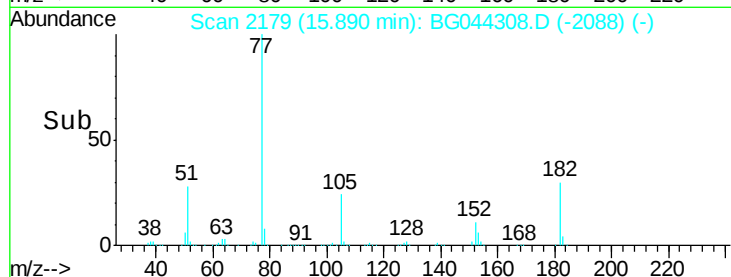
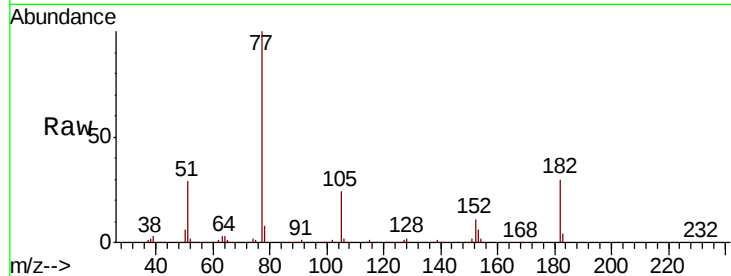




#63
Azobenzene
Concen: 47.716 ng
RT: 15.89 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

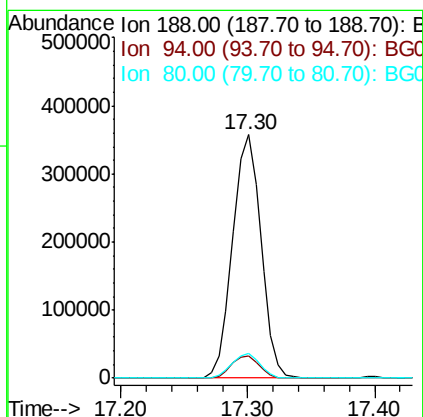
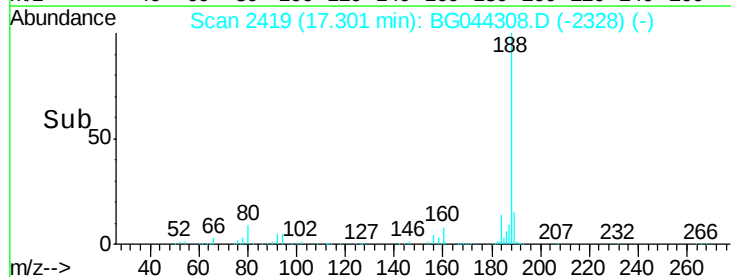
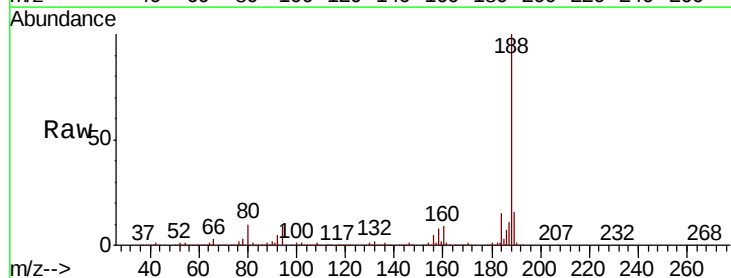
Instrument :
BNA_G
ClientSampleId :

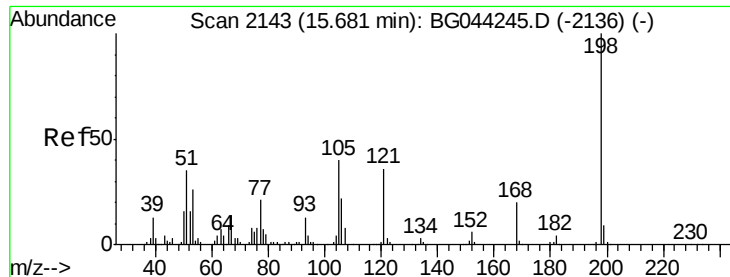
Tot Ion:	77	Resp:	755929
Ion	Ratio	Lower	Upper
77	100		
182	29.7	8.2	48.2
105	24.2	3.6	43.6
51	28.6	8.3	48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion:	188	Resp:	553423
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	9.9	7.7	11.5

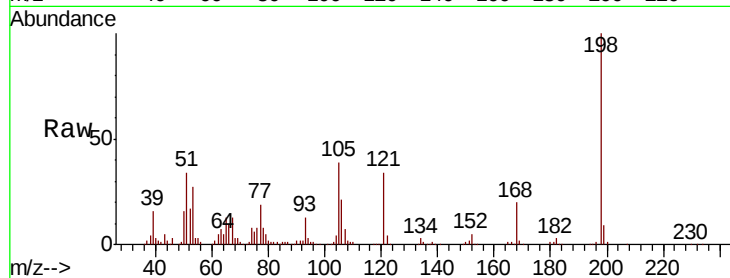




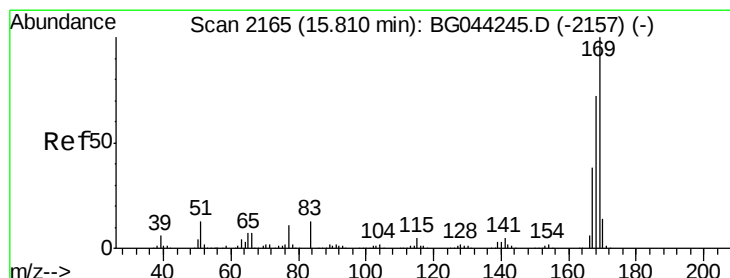
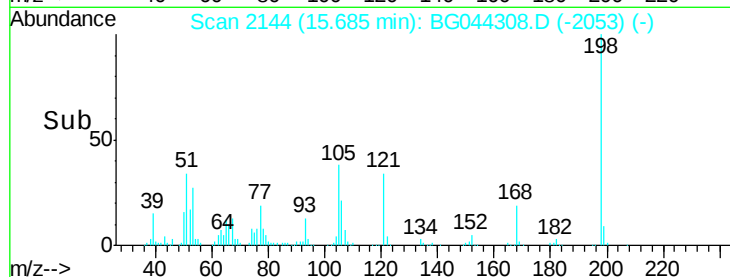
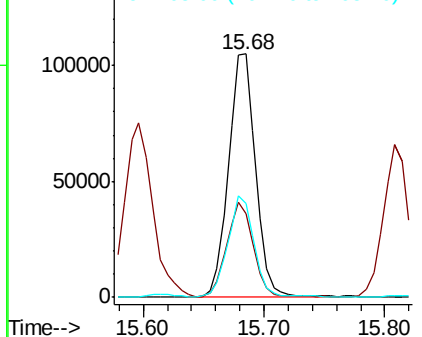
#65
4,6-Dinitro-2-methylphenol
Concen: 53.756 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.4	16.6	56.6
105	38.6	20.6	60.6

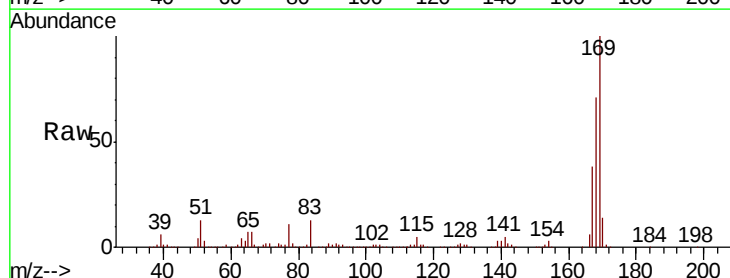


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

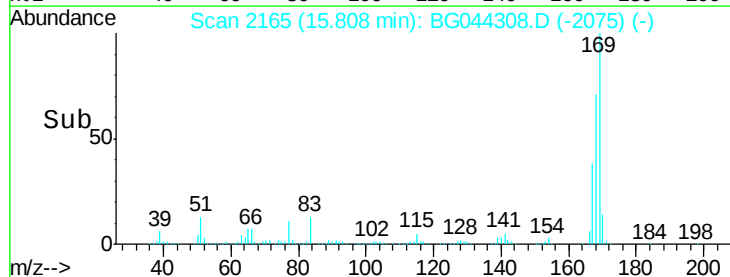
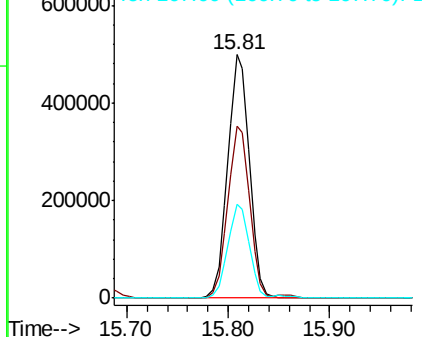


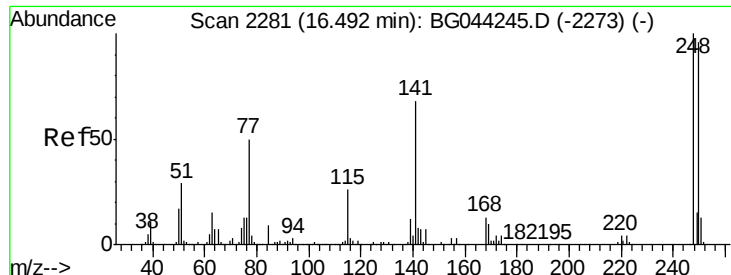
#66
n-Nitrosodiphenylamine
Concen: 47.618 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.6	57.9	86.9
167	38.4	30.7	46.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

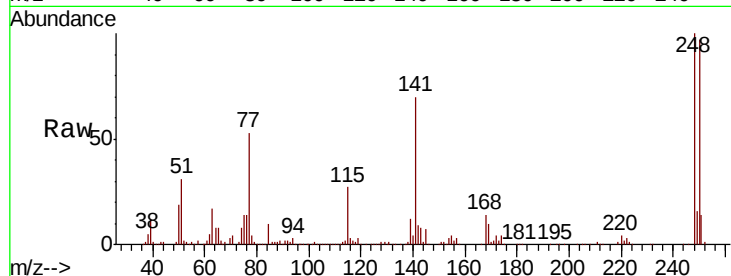




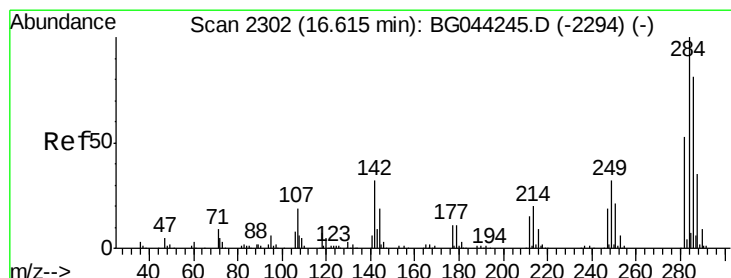
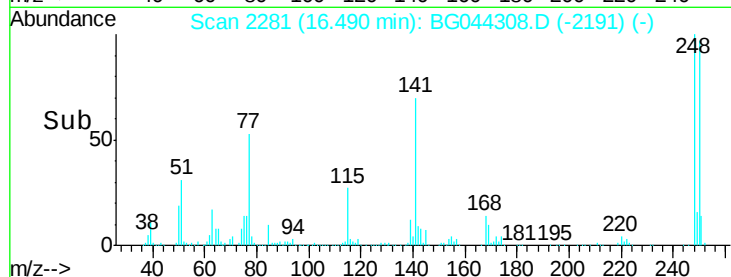
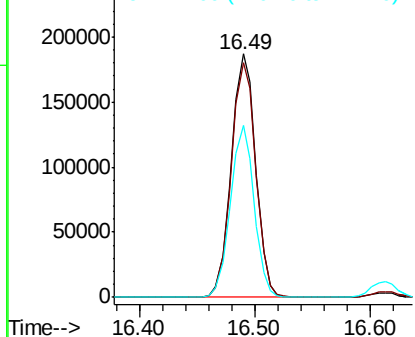
#67
4-Bromophenyl-phenylether
Concen: 45.099 ng
RT: 16.49 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 271923
Ion Ratio Lower Upper
248 100
250 96.5 76.6 114.8
141 70.4 54.7 82.1

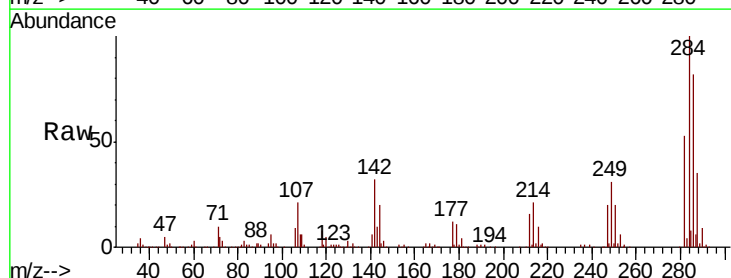


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

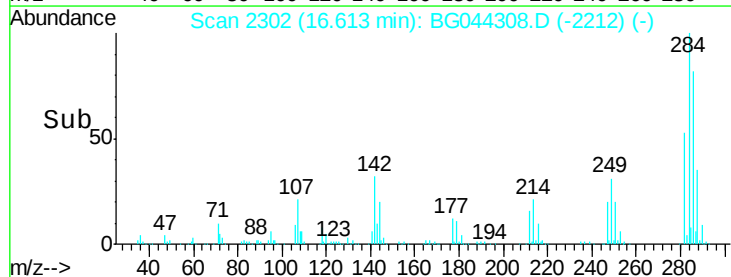
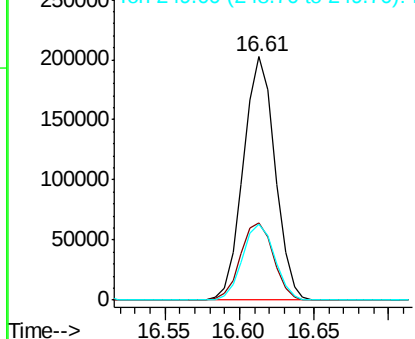


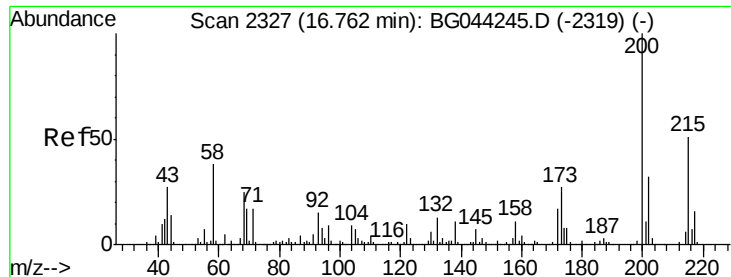
#68
Hexachlorobenzene
Concen: 44.087 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion:284 Resp: 297811
Ion Ratio Lower Upper
284 100
142 31.7 25.3 37.9
249 31.3 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

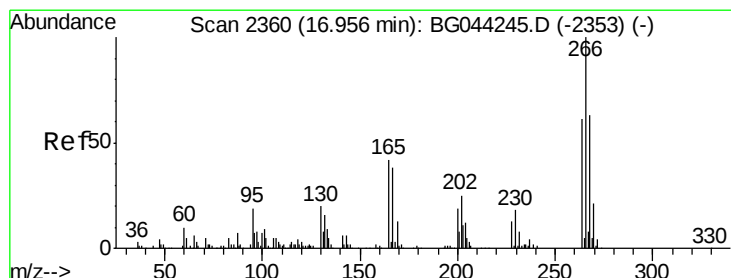
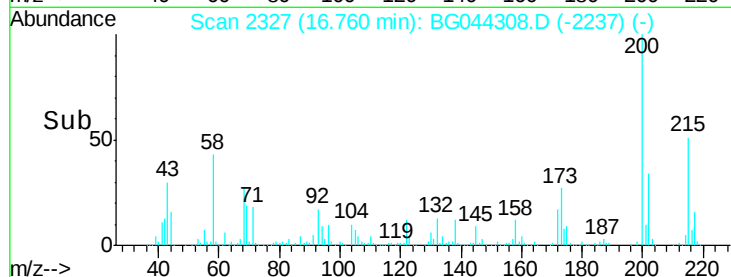
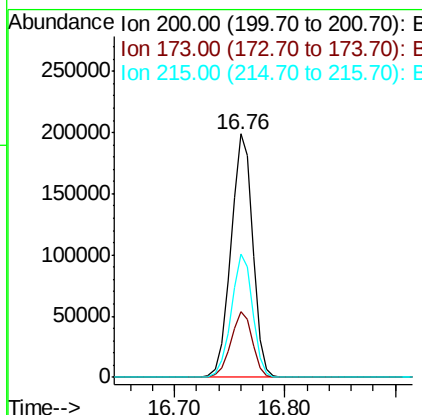
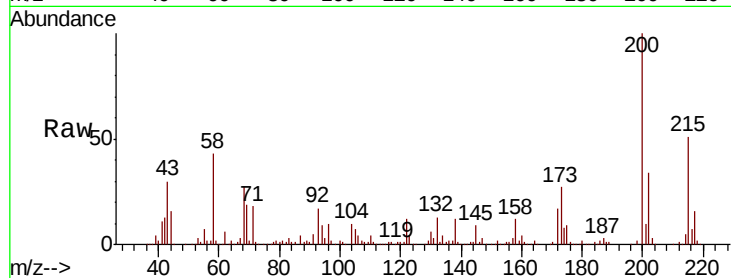




#69
 Atrazine
 Concen: 51.980 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

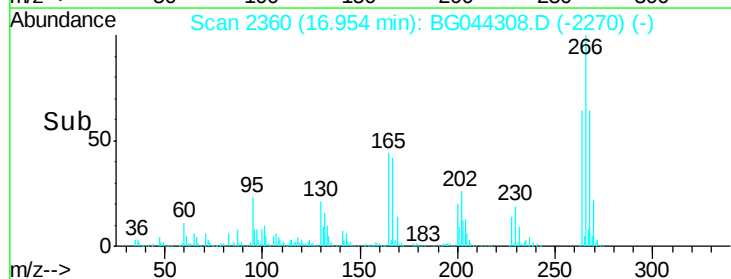
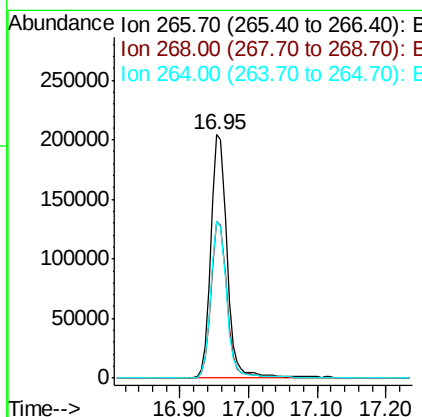
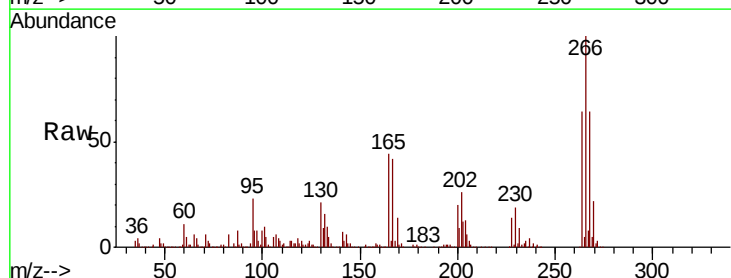
Instrument :
 BNA_G
 ClientSampleId :

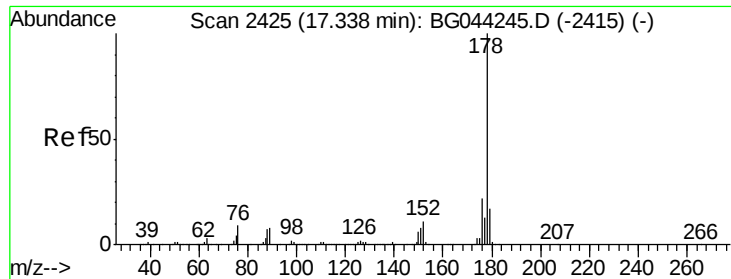
Tot Ion:200 Resp: 276319
 Ion Ratio Lower Upper
 200 100
 173 26.8 6.6 46.6
 215 50.6 31.0 71.0



#70
 Pentachlorophenol
 Concen: 98.034 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: BG044308.D
 Acq: 5 Feb 2020 17:27

Tgt Ion:266 Resp: 337394
 Ion Ratio Lower Upper
 266 100
 268 64.2 50.6 75.8
 264 64.1 48.7 73.1

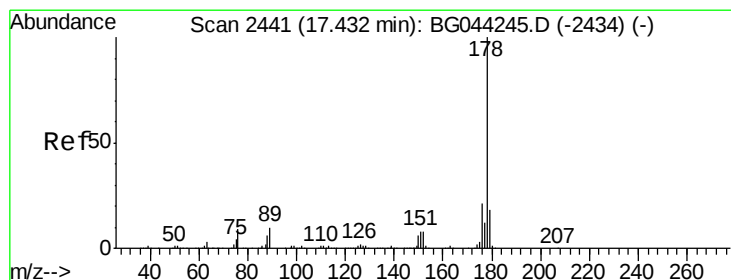
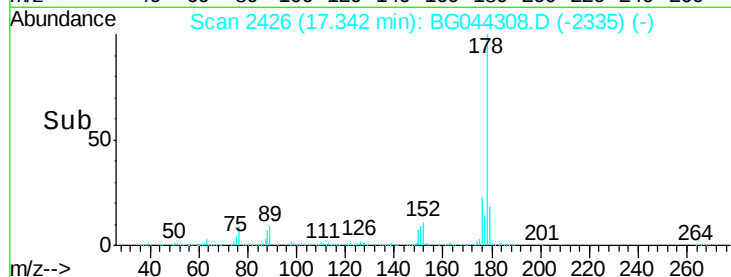
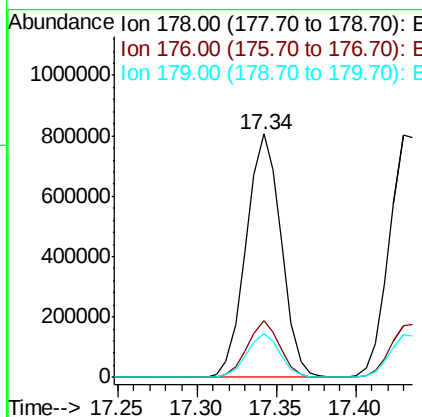
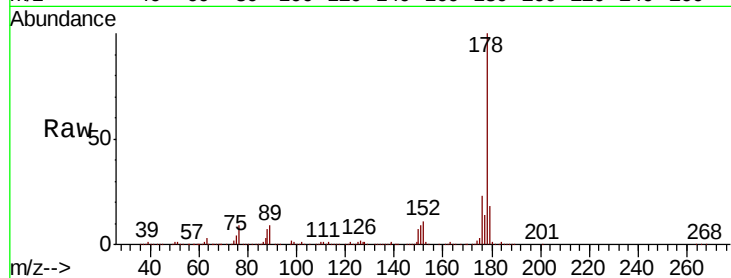




#71
Phenanthrene
Concen: 46.218 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

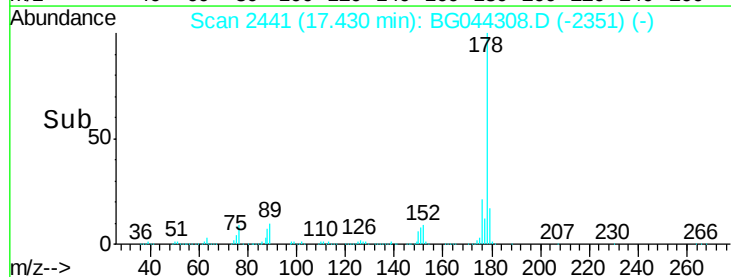
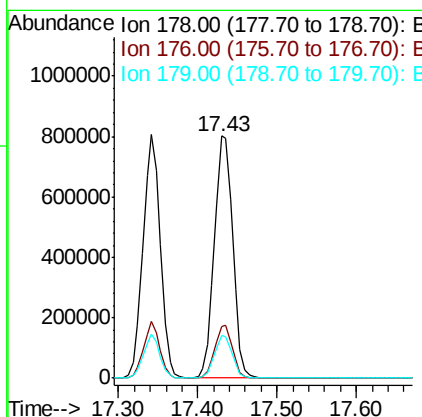
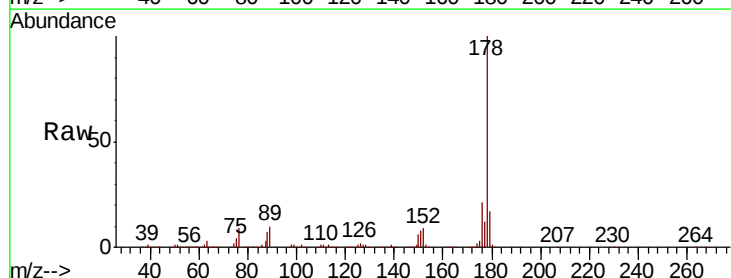
Instrument :
BNA_G
ClientSampleId :

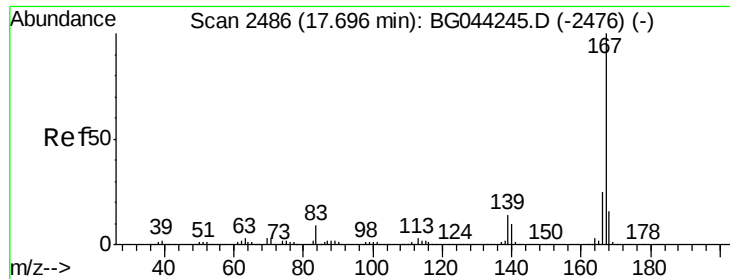
Tot Ion:178 Resp: 1238590
Ion Ratio Lower Upper
178 100
176 23.1 17.7 26.5
179 18.0 13.7 20.5



#72
Anthracene
Concen: 48.558 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion:178 Resp: 1286524
Ion Ratio Lower Upper
178 100
176 21.5 17.0 25.4
179 17.5 14.4 21.6





#73

Carbazole

Concen: 46.416 ng

RT: 17.70 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

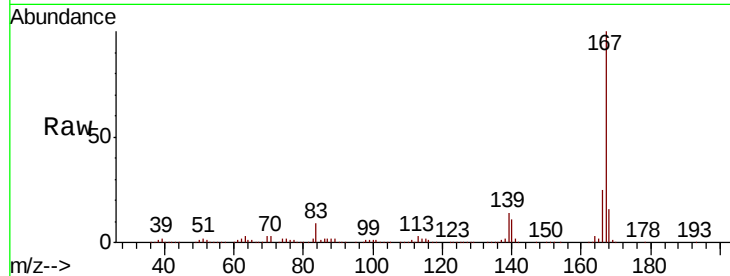
Tot Ion:167 Resp: 1133721

Ion Ratio Lower Upper

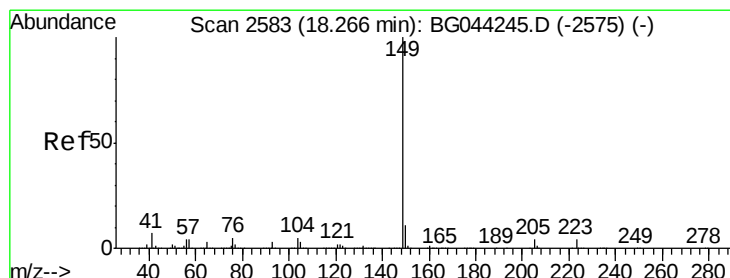
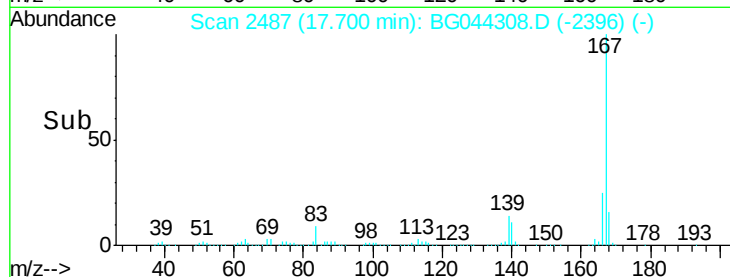
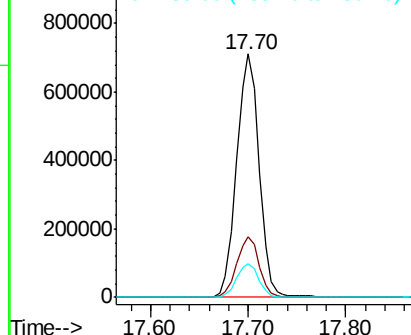
167 100

166 25.1 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: 45.639 ng

RT: 18.26 min Scan# 2583

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

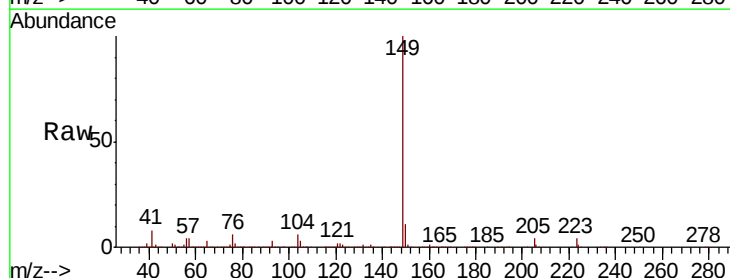
Tgt Ion:149 Resp: 1377541

Ion Ratio Lower Upper

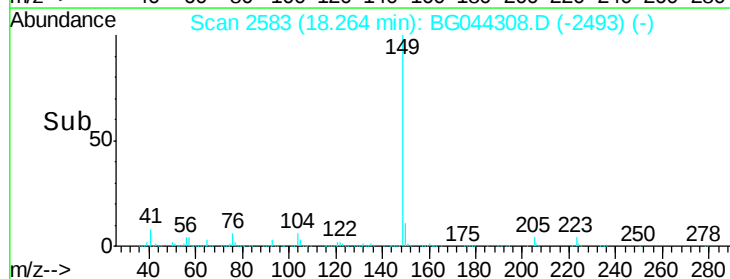
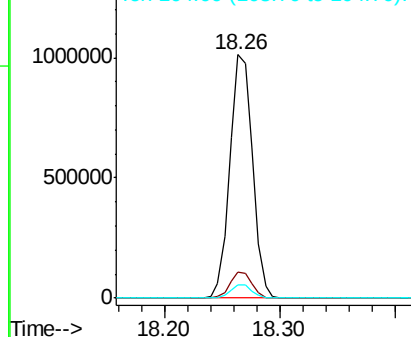
149 100

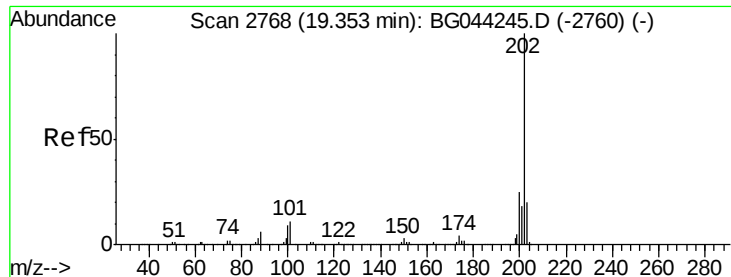
150 10.9 8.7 13.1

104 5.6 4.3 6.5



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





#75

Fluoranthene

Concen: 46.082 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

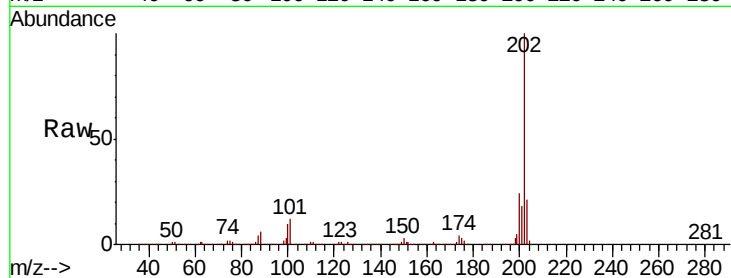
Tot Ion:202 Resp: 1428577

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.3

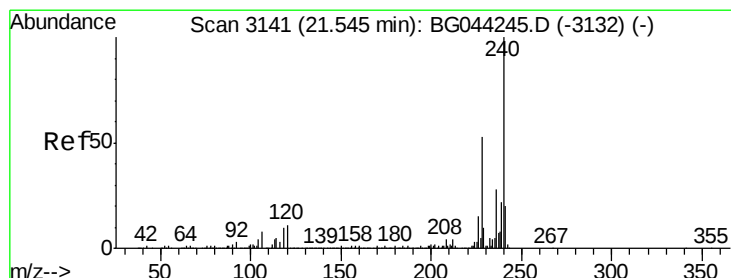
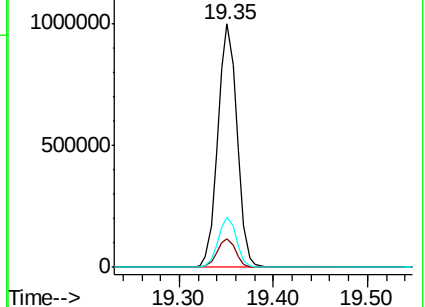
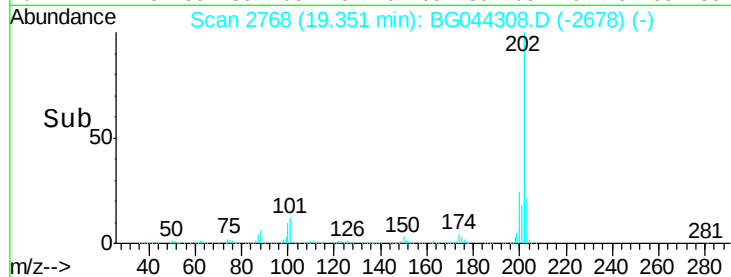
203 20.8 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

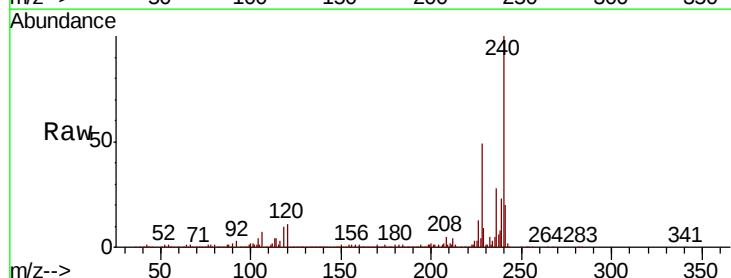
Tgt Ion:240 Resp: 486046

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

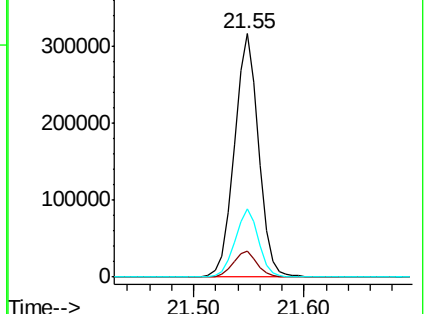
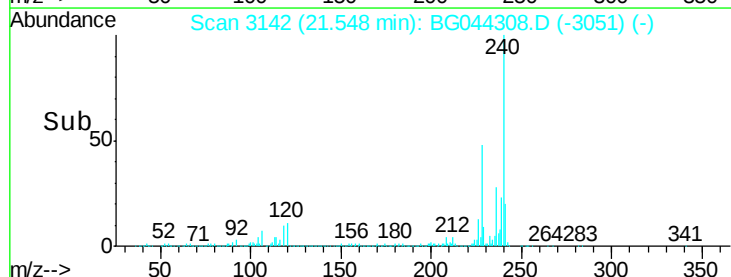
236 27.8 22.1 33.1

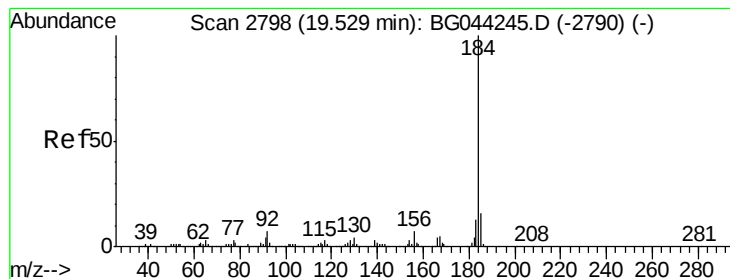


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.735 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

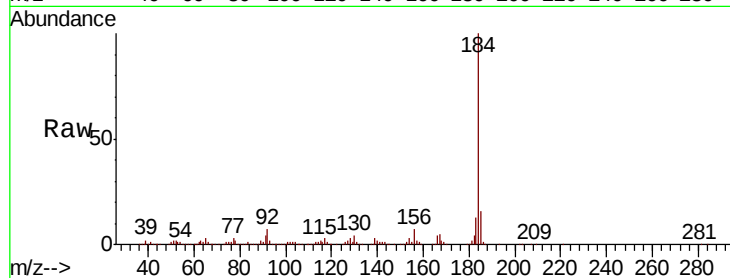
Tot Ion:184 Resp: 535698

Ion Ratio Lower Upper

184 100

185 15.7 12.9 19.3

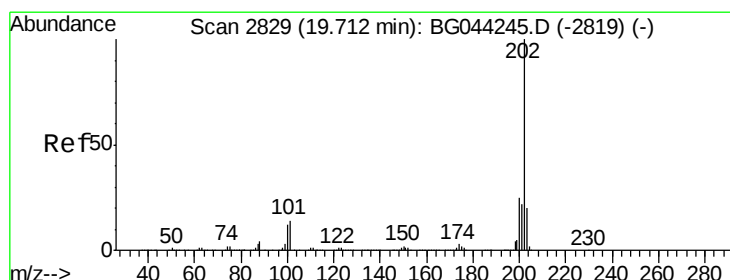
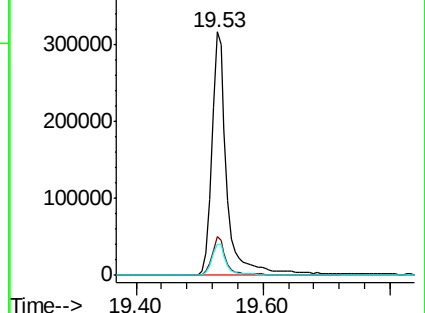
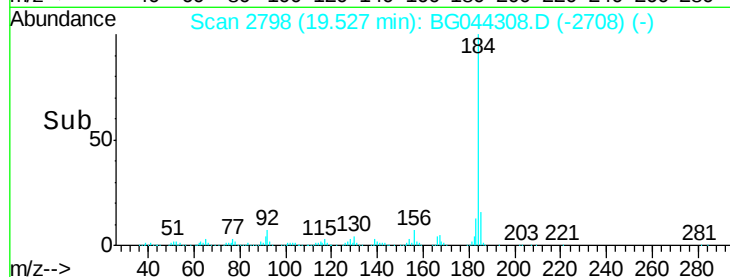
183 12.8 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.061 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

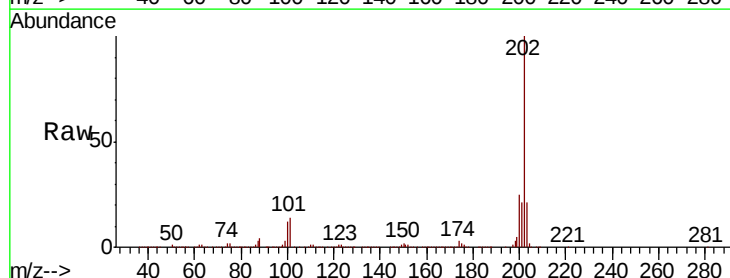
Tgt Ion:202 Resp: 1437755

Ion Ratio Lower Upper

202 100

200 24.9 20.0 30.0

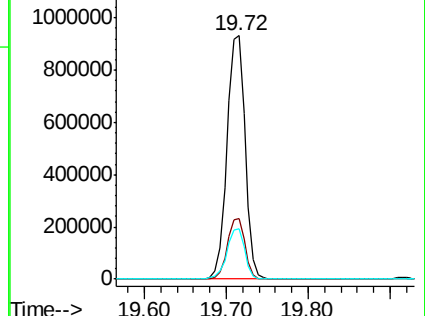
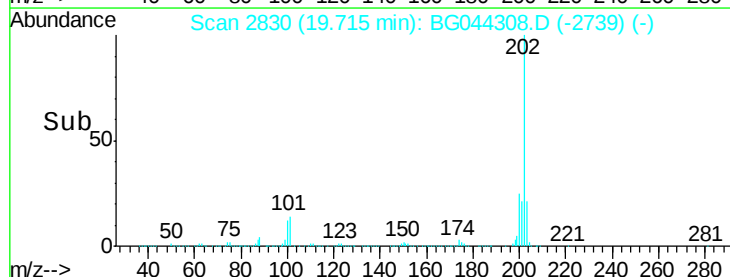
203 20.5 16.2 24.2

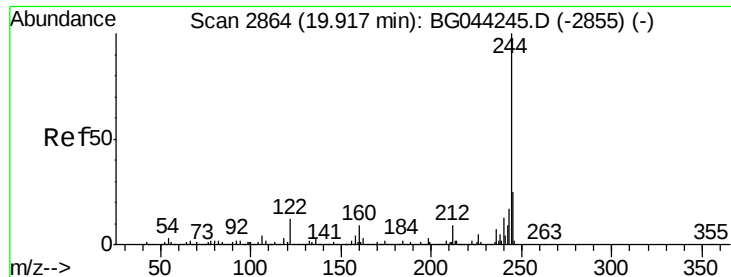


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.793 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

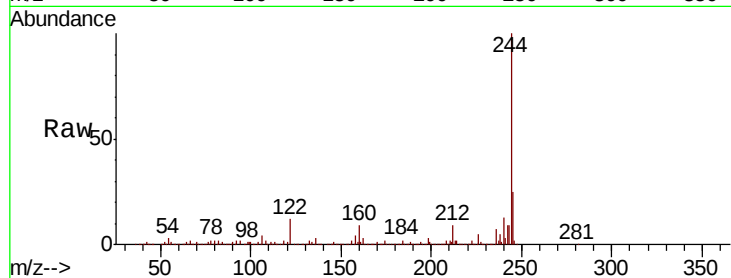
Tot Ion:244 Resp: 1696499

Ion Ratio Lower Upper

244 100

212 9.4 7.4 11.2

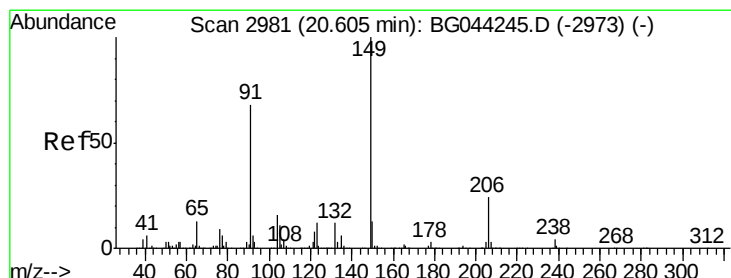
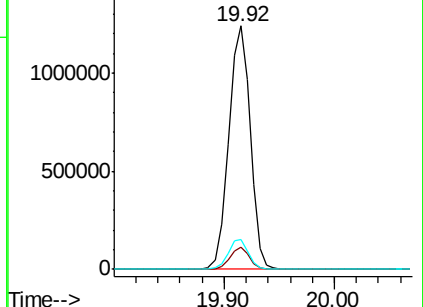
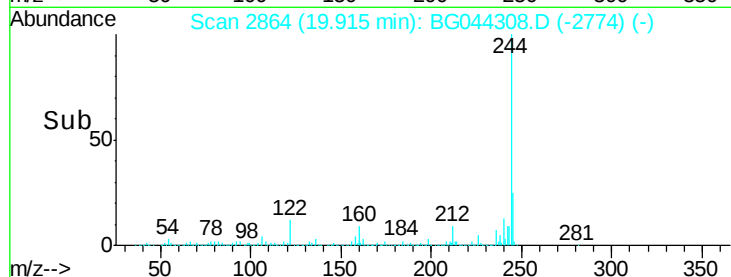
122 12.1 9.8 14.6



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: 46.605 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

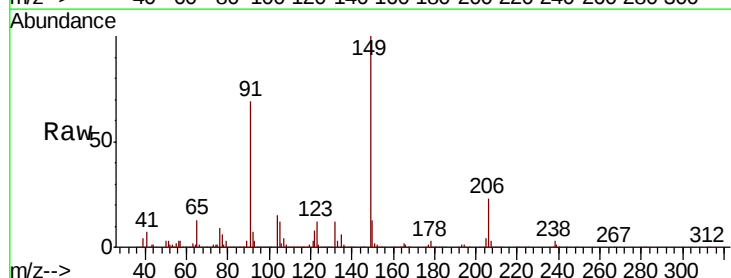
Tgt Ion:149 Resp: 662941

Ion Ratio Lower Upper

149 100

91 69.4 54.5 81.7

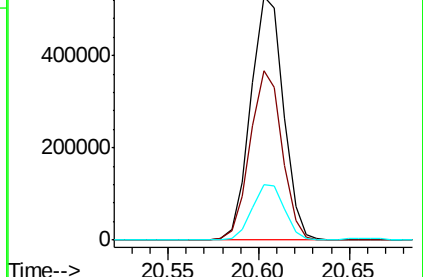
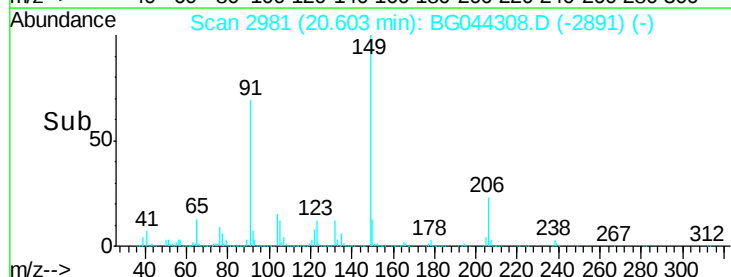
206 22.7 19.1 28.7

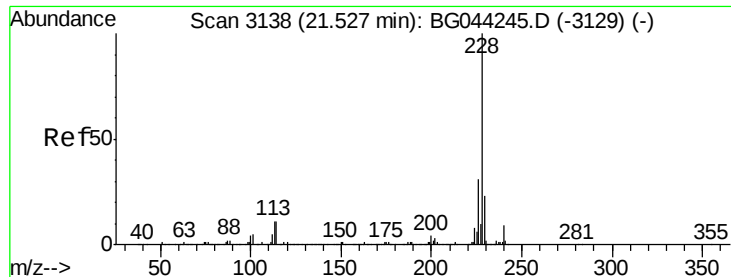


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

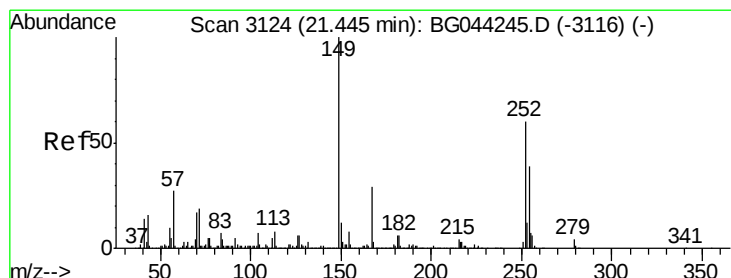
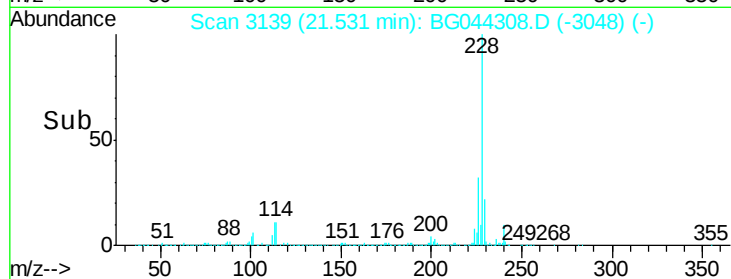
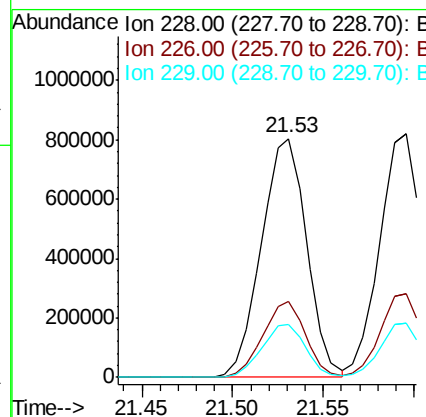
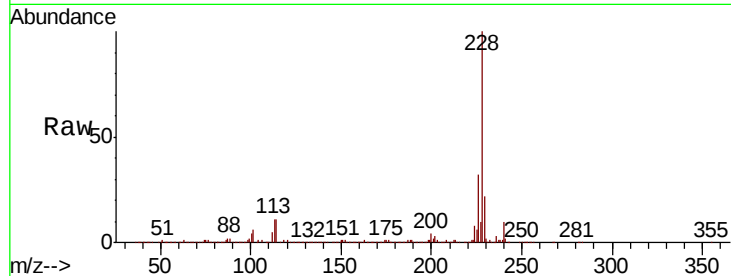




#81
Benzo(a)anthracene
Concen: 46.652 ng
RT: 21.53 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

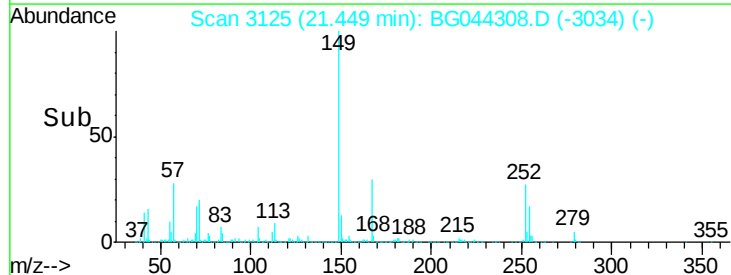
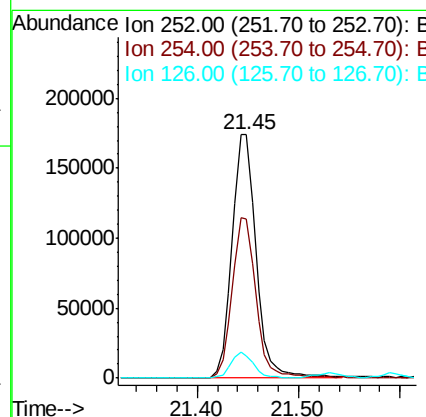
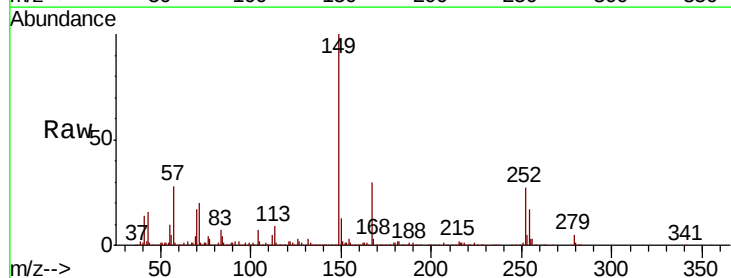
Instrument :
BNA_G
ClientSampled :

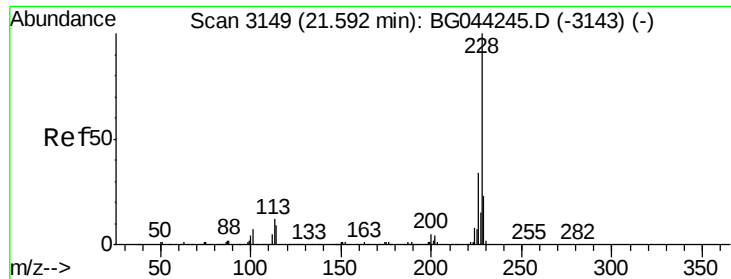
Tot Ion:228 Resp: 1397498
Ion Ratio Lower Upper
228 100
226 31.6 24.7 37.1
229 22.3 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 24.874 ng
RT: 21.45 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion:252 Resp: 289183
Ion Ratio Lower Upper
252 100
254 65.3 52.6 78.8
126 9.4 8.2 12.4





#83

Chrvsene

Concen: 46.233 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

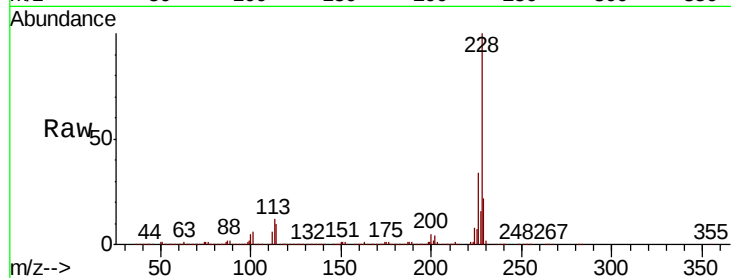
Tot Ion:228 Resp: 1338662

Ion Ratio Lower Upper

228 100

226 34.2 27.1 40.7

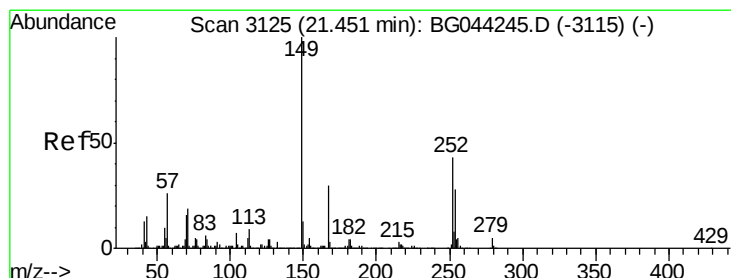
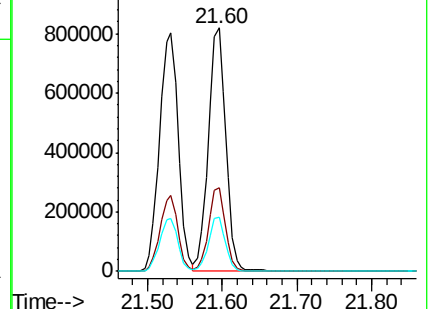
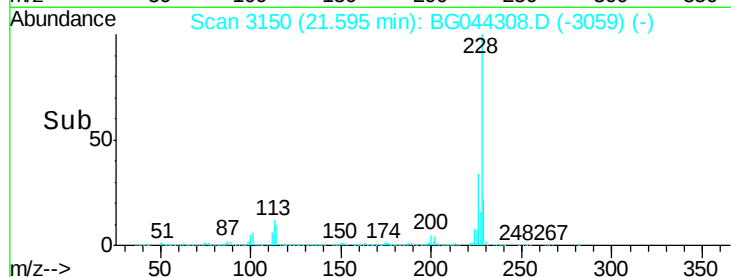
229 22.3 17.9 26.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.638 ng

RT: 21.45 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

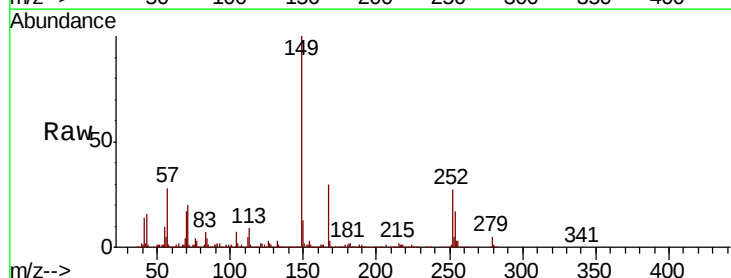
Tgt Ion:149 Resp: 932696

Ion Ratio Lower Upper

149 100

167 30.2 24.0 36.0

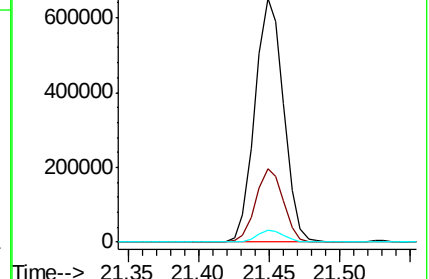
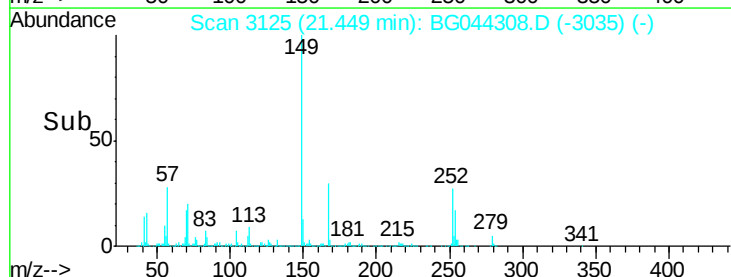
279 4.8 3.8 5.8

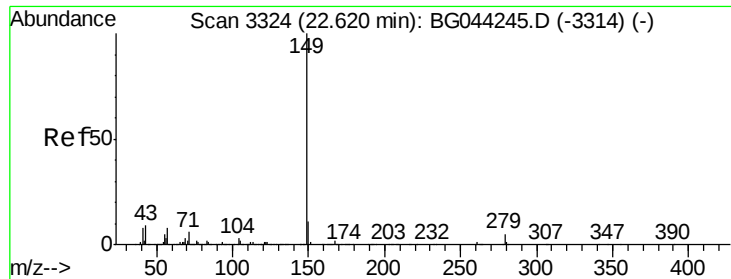


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.669 ng

RT: 22.62 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

Instrument :

BNA_G

ClientSampled :

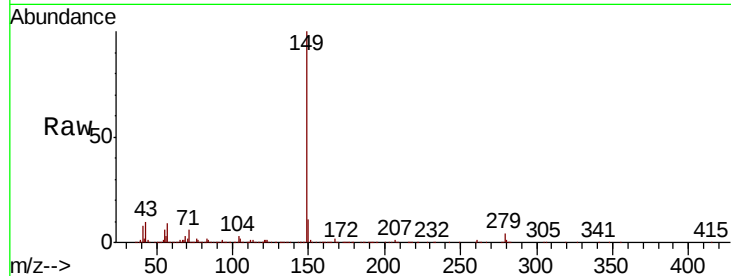
Tot Ion:149 Resp: 1614844

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

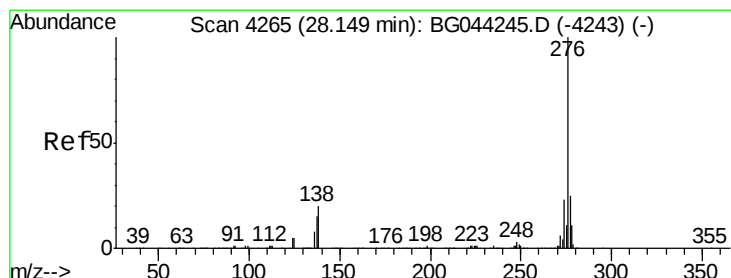
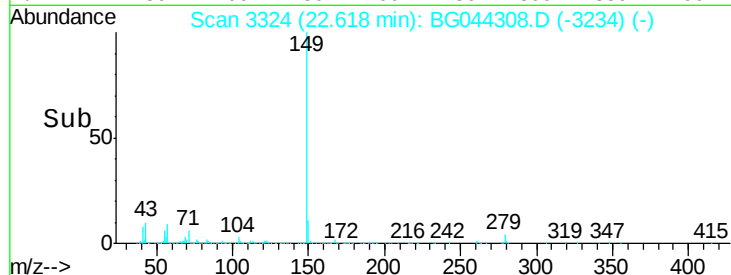
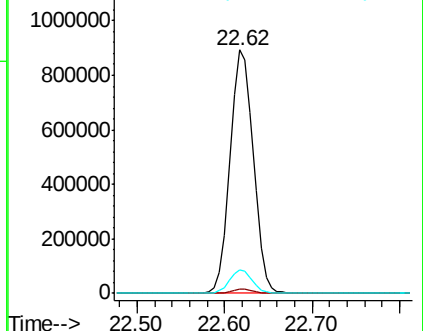
43 9.2 7.4 11.0



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: 46.744 ng

RT: 28.16 min Scan# 4267

Delta R.T. 0.01 min

Lab File: BG044308.D

Acq: 5 Feb 2020 17:27

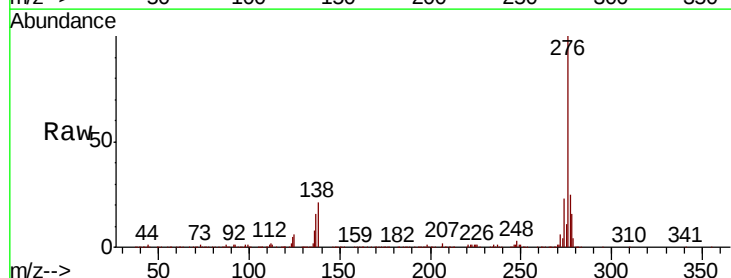
Tgt Ion:276 Resp: 1765776

Ion Ratio Lower Upper

276 100

138 24.6 19.4 29.0

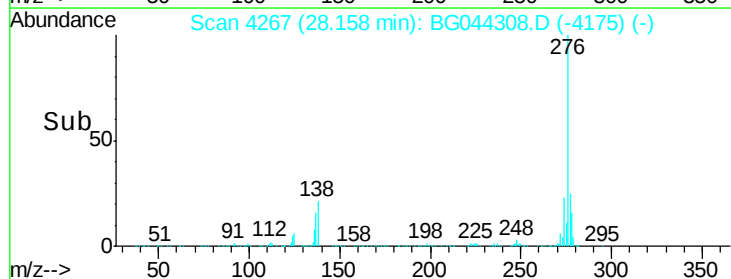
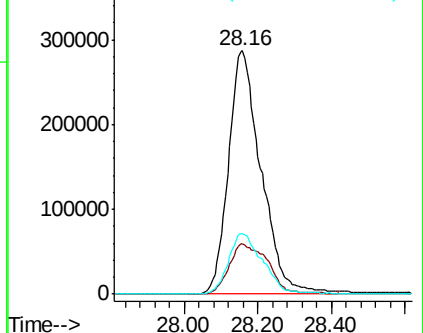
277 26.2 21.0 31.6

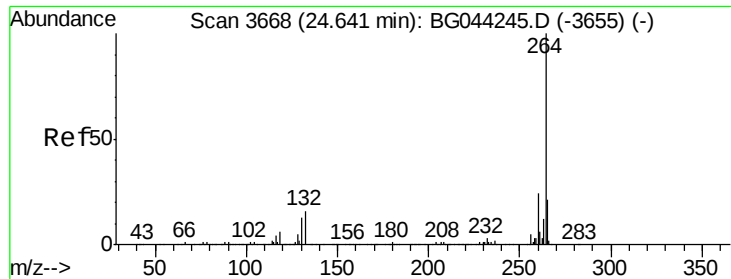


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



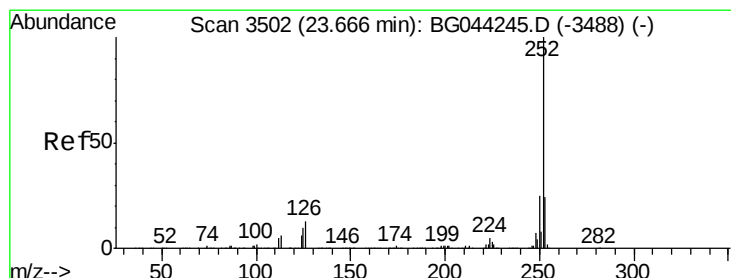
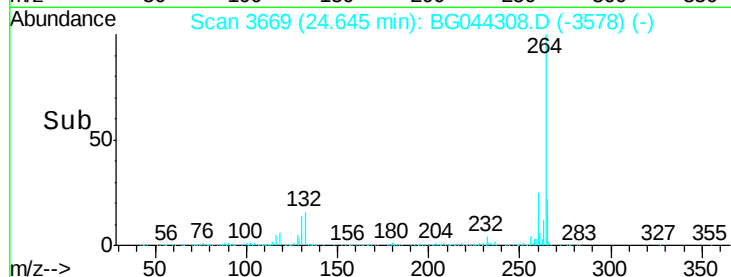
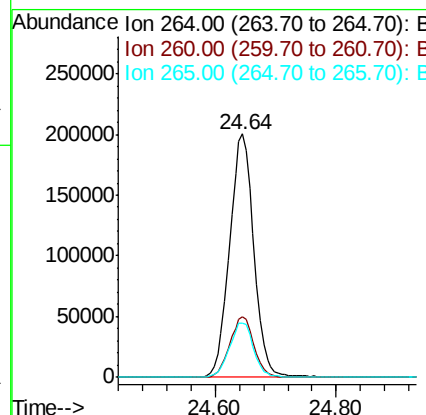
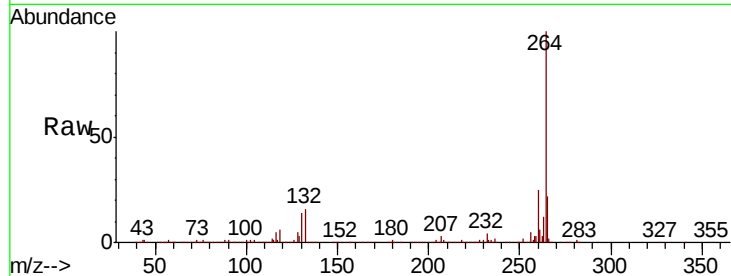


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3669
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 559590

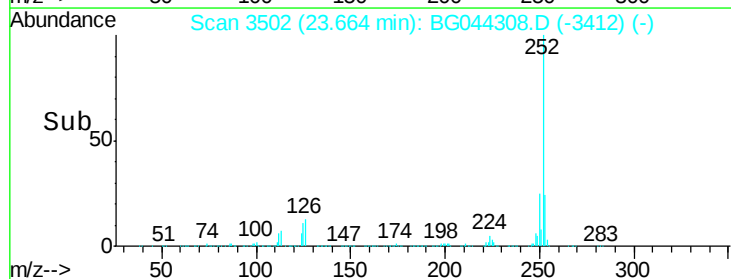
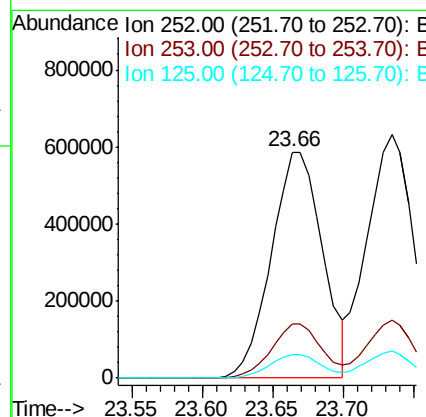
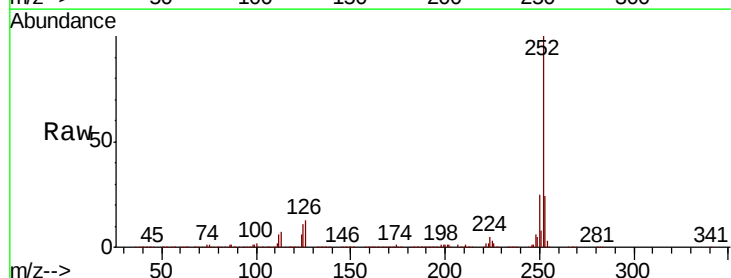
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.2	16.7	25.1



#88
Benzo(b)fluoranthene
Concen: 46.053 ng
RT: 23.66 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion:252 Resp: 1485011

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.2	28.8
125	10.7	8.4	12.6

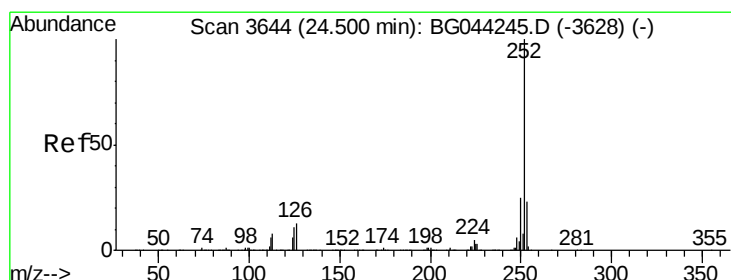
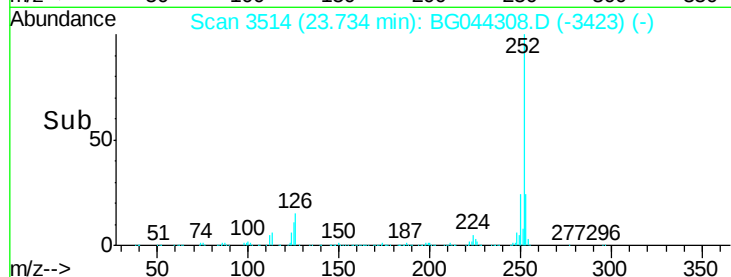
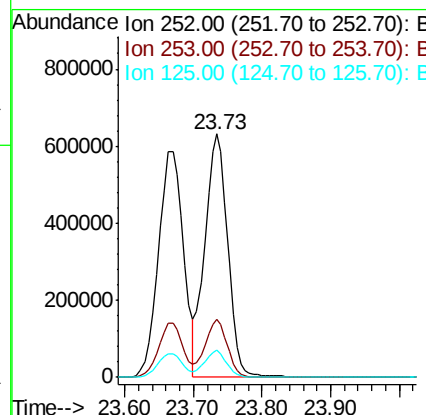
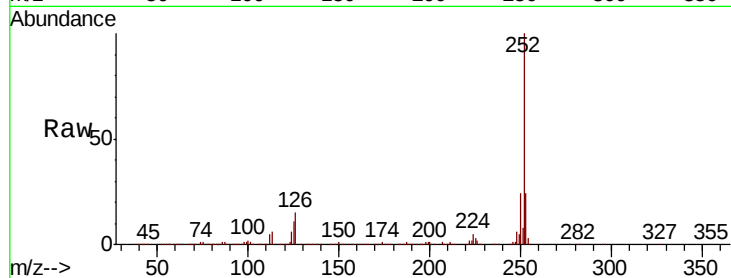




#89
Benzo(k)fluoranthene
Concen: 46.627 ng
RT: 23.73 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

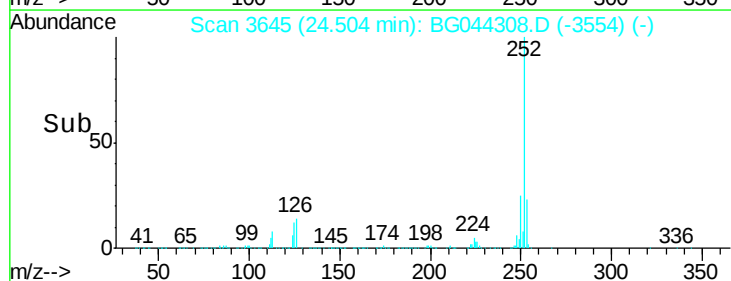
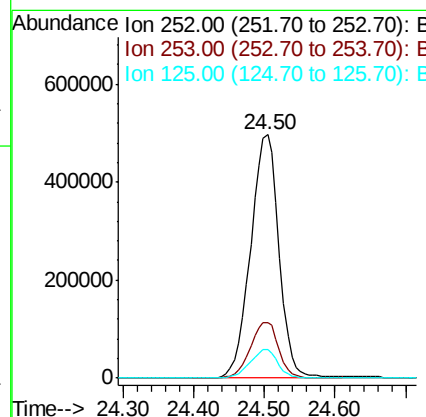
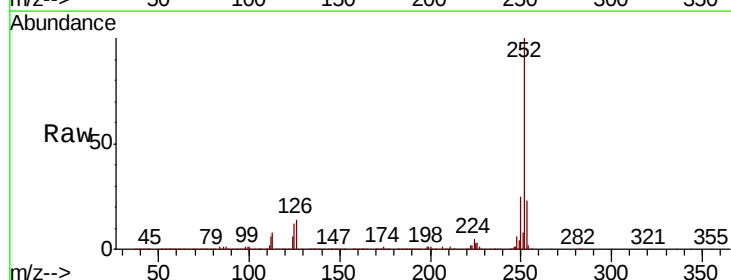
Instrument :
BNA_G
ClientSampleId :

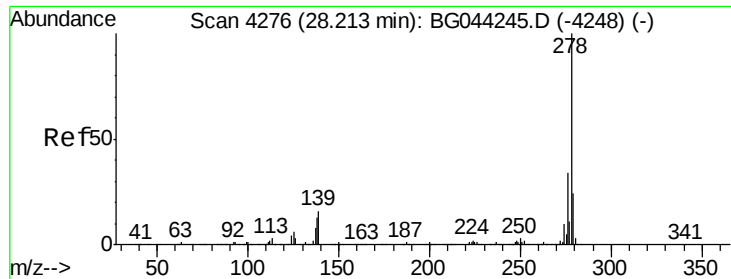
Tot Ion:252 Resp: 1465389
Ion Ratio Lower Upper
252 100
253 23.9 19.1 28.7
125 11.0 8.6 12.8



#90
Benzo(a)pyrene
Concen: 45.629 ng
RT: 24.50 min Scan# 3645
Delta R.T. 0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion:252 Resp: 1391119
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 11.8 8.6 13.0



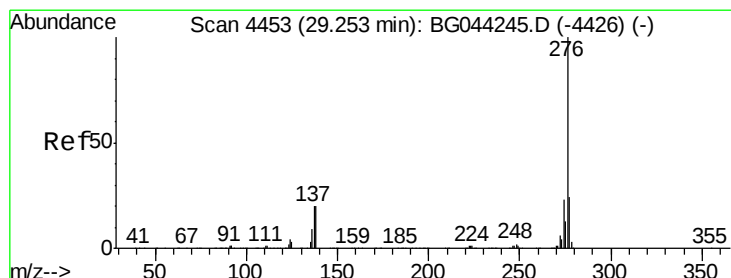
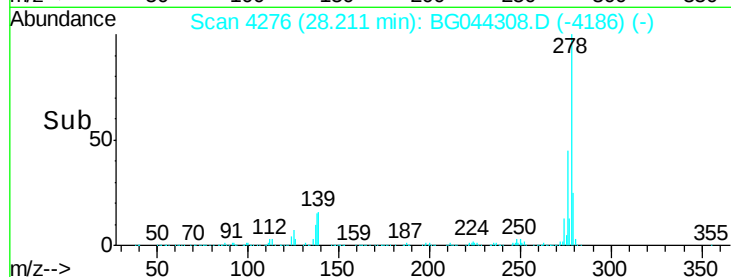
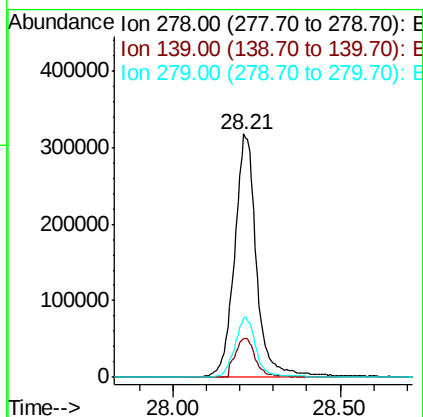
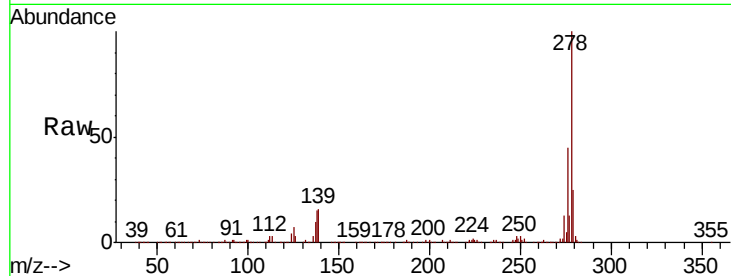


#91
Dibenzo(a,h)anthracene
Concen: 48.492 ng
RT: 28.21 min Scan# 4276
Delta R.T. -0.00 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1463143

Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.7	19.1
279	24.5	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 48.725 ng
RT: 29.25 min Scan# 4452
Delta R.T. -0.01 min
Lab File: BG044308.D
Acq: 5 Feb 2020 17:27

Tgt Ion:276 Resp: 1471739

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	20.8	16.2	24.2

